

WIND-TUNNEL STUDY OF
RELIANCE CENTER, DENVER

by

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LIST OF SYMBOLS

| <u>Symbol</u> | <u>Definition</u> |
|------------------|---|
| U | Local mean velocity |
| D | Characteristic dimension (building height, width, etc.) |
| ν, ρ | Kinematic viscosity and density of approach flow |
| $\frac{UD}{\nu}$ | Reynolds number |
| E | Mean voltage |
| A, B, n | Constants |
| U_{rms} | Root-mean-square of fluctuating velocity |
| E_{rms} | Root-mean-square of fluctuating voltage |
| U_{∞} | Reference mean velocity outside the boundary layer |
| X, Y | Horizontal coordinates |
| Z | Height above surface |
| δ | Height of boundary layer |
| T_u | Turbulence intensity $\frac{U_{rms}}{U_{\infty}}$ or $\frac{U_{rms}}{U}$ |
| $C_{P_{mean}}$ | Mean pressure coefficient, $\frac{(p-p_{\infty})_{mean}}{0.5 \rho U_{\infty}^2}$ |
| $C_{P_{rms}}$ | Root-mean-square pressure coefficient, $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{0.5 \rho U_{\infty}^2}$ |
| $C_{P_{max}}$ | Peak maximum pressure coefficient, $\frac{(p-p_{\infty})_{max}}{0.5 \rho U_{\infty}^2}$ |
| $C_{P_{min}}$ | Peak minimum pressure coefficient, $\frac{(p-p_{\infty})_{min}}{0.5 \rho U_{\infty}^2}$ |
| $()_{min}$ | Minimum value during data record |
| $()_{max}$ | Maximum value during data record |

| <u>Symbol</u> | <u>Definition</u> |
|---------------|--|
| p | Fluctuating pressure at a pressure tap on the structure |
| p_{∞} | Static pressure in the wind tunnel above the model |
| F_x, F_y | Forces in X, Y direction |
| A_R | Reference Area |
| CF_X | Force coefficient, X direction, $\frac{F_x}{A_R 0.5\rho U_{\infty}^2}$ |
| CF_Y | Force coefficient, Y direction, $\frac{F_y}{A_R 0.5\rho U_{\infty}^2}$ |

1. INTRODUCTION

1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass and cladding to wind damage and result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas.

The building geometry itself may increase or decrease wind loading on the structure. Wind forces may be modified by nearby structures which can produce beneficial shielding or adverse increases in loading. Overestimating loads results in uneconomical design; underestimating may result in cladding or window failures. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. The intensity and frequency of objectionable winds in pedestrian areas is influenced both by the structure shape and by the shape and position of adjacent structures.

Techniques have been developed for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and windows, overall structural loading, and also wind velocities and gusts in pedestrian areas adjacent to the building. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed. Accurate knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of cladding strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control.

Modeling of the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements and their wind-tunnel implementation can be found in references (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν , the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2 \times 10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7 - 10^8 for the full-scale and 10^5 - 10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

The wind-engineering study is performed on a building or building group modeled at scales ranging from 1:150 to 1:400. The building model

is constructed of clear plastic fastened together with screws. The structure is modeled in detail to provide accurate flow patterns in the wind passing over the building surfaces. The building under test is often located in a surrounding where nearby buildings or terrain may provide beneficial shielding or adverse wind loading. To achieve similarity in wind effects the area surrounding the test building is also modeled. A flow visualization study is first made (smoke is used to make the air currents visible) to define overall flow patterns and identify regions where local flow features might cause difficulties in building curtain-wall design or produce pedestrian discomfort.

The test model, equipped with pressure taps (200 to 600 or more), is exposed to an appropriately modeled atmospheric wind in the wind tunnel and the fluctuating pressure at each tap measured electronically. The model, and the modeled area, are rotated 10 or 15 degrees and another set of data recorded for each pressure tap. Normally, 24 or 36 sets of data (360 degrees of turning) are taken; however, when flow visualization or recorded data indicate high pressure regions of small azimuthal extent, data is obtained in smaller azimuthal steps.

Data are recorded, analyzed and processed by an on-line computerized data-acquisition system. Pressure coefficients of several types are calculated by the computer for each reading on each piezometer tap and are printed in tabular form as computer readout. Using wind data applicable to the building site, representative wind velocities are selected for combination with measured pressures on the building model. Integration of test data with wind data results in prediction of peak local wind pressures for design of glass or cladding and may include overall forces and moments on the structure (by floor if desired) for design of

the structural frame. Pressure contours are drawn on the developed building surfaces showing the intensity and distribution of peak wind loads on the building. These results may be used to divide the building into zones where lighter or heavier cladding or glass may be desirable.

Based on the visualization (smoke) tests and on a knowledge of heavy pedestrian use areas, a dozen or more locations may be chosen at the base of the building where wind velocities can be measured to determine the relative comfort or discomfort of pedestrians in plaza areas, near building entrances, near building corners, or on sidewalks. Usually a reference pedestrian position is also tested to determine whether the wind environment in the building area is better or worse than the environment a block or so away in an undisturbed area.

The following pages discuss in greater detail the procedures followed and the equipment and data collecting and processing methods used. In addition, the data presentation format is explained and the implications of the data are discussed.

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

Wind-engineering studies are performed in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 1). Three large wind tunnels are available for wind loading studies depending on the detailed requirements of the study. The wind tunnel used for this investigation is shown in Figure 2. All tunnels have a flexible roof adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously in each tunnel to the maximum velocity available.

2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, models are constructed to the largest scale that does not produce significant blockage in the wind-tunnel test section. The models are constructed of 1/2 in. thick Lucite plastic and fastened together with metal screws. Significant variations in the building surface, such as mullions, are machined into the plastic surface. Piezometer taps (1/16 in. diameter) are drilled normal to the exterior vertical surfaces in rows at several or more elevations between the bottom and top of the building. Similarly, taps are placed in the roof and on any sloping, protruding, or otherwise distinctive features of the building that might need investigation.

Pressure tap locations are chosen so that the entire surface of the building can be investigated for pressure loading and at the same time permit critical examination of areas where experience has shown that maximum wind effects may be expected to occur. Locations of the pressure taps for this study are shown in Figure 3. Dimensions are

given both for full-scale building (in ft) and for model (in in.). The pressure tap numbers are shown adjacent to the taps.

The pressure tests are sometimes made in two stages. In the first stage measurements are made on the initial distribution of pressure taps. If it becomes apparent from the data that the loading on the building is being influenced by some unsuspected geometry of the building or adjacent structures, additional pressure taps are installed in the critical areas. The locations of the taps are selected so that the maximum loading can be detected and the area over which this loading is acting can be defined. Any added taps are also shown in Figure 3.

A circular area 750 to 2000 ft in radius depending on model scale and characteristics of the surrounding buildings and terrain is modeled in detail. Structures within the modeled region are made from styrofoam and cut to the individual building geometries. They are mounted on the turntable in their proper locations. Significant terrain features are included as needed. The model is mounted on a turntable (Figure 2) near the downwind end of the test section. Any buildings or terrain features which do not fit on the turntable are placed on removable pieces which are placed upwind of the turntable for appropriate wind directions. A plan view of the building and its surroundings is shown in Figure 4. The turntable is calibrated to indicate azimuthal orientation to 0.1 degree.

The region upstream from the modeled area is covered with a randomized roughness constructed using various sized cubes placed on the floor of the wind tunnel. Different roughness sizes may be used for different wind directions. Spires are installed at the test-section entrance to provide a thicker boundary layer than would otherwise be

available. The thicker boundary layer permits a somewhat larger scale model than would otherwise be possible. The spires are approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They are placed so that the broad side intercepts the flow. A barrier approximately 8 in. high is placed on the test-section floor downstream of the spires to aid in development of the boundary-layer flow.

The distribution of the roughness cubes and the spires in the roughened area was designed to provide a boundary-layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that expected to occur in the region approaching the modeled area for each wind direction (a number of wind directions may have the same approach roughness). A photograph of the completed model in the wind tunnel is shown in Figure 5. The wind-tunnel ceiling is adjusted after placement of the model to obtain a zero pressure gradient along the test section.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful (a) in understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment and zones of vortex formation where pressure coefficients may be expected to be high and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke is released from sources on and near the model to make the flow lines visible to the eye and to make it possible to obtain motion picture records of the tests. Conclusions obtained from these smoke studies are discussed in Sections 4.1 and 5.1.

3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 24 or 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by means of a shaft projecting through

the floor of the wind tunnel. A computer-controlled stepping motor steps the switch into each of the 20 required positions. The computer keeps track of switch position but a digital readout of position is provided at the wind tunnel.

The pressure transducers used are setra differential transducers (Model 237) with a 0.10 psid range. Reference pressures are obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot-static tube mounted in the wind tunnel free stream above the model building. In this way the transducer measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Output from the pressure transducers is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital converter. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

All four transducers are recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 6. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures, and 0.01 for rms pressures. Pressure coefficients are defined in Section 4.3.

3.3 Velocity

Mean velocity and turbulence intensity profiles are measured upstream of the model to determine that an approach boundary-layer flow appropriate to the site has been established. Tests are made at one wind velocity in the tunnel. This velocity is well above that required to produce Reynolds number similarity between the model and the prototype as discussed in Section 1.1.

In addition, mean velocity and turbulence intensity measurements are made 5 to 7 ft (prototype) above the surface at a dozen or more locations on and near the building for 16 wind directions. The measurement locations are shown on Figure 4. The surface measurements are indicative of the wind environment to which a pedestrian at the measurement location would be subjected. The locations are chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances and on adjacent sidewalks where pedestrian traffic is heavy, and in open plaza areas. In most studies a reference pedestrian position, located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. diameter platinum film sensing element 0.020 in. long. Output is directed to the on-line data acquisition system for analysis.

Calibration of the hot-wire anemometer is performed by comparing output with the pitot-static tube in the wind tunnel. The calibration

data are fit to a variable exponent King's Law relationship of the form

$$E^2 = A + BU^n$$

where E is the hot-wire output voltage, U the velocity and A , B , and n are coefficients selected to fit the data. The above relationship was used to determine the mean velocity at measurement points using the measured mean voltage. The fluctuating velocity in the form U_{rms} (root-mean-square velocity) was obtained from

$$U_{\text{rms}} = \frac{2 E E_{\text{rms}}}{B n U^{n-1}}$$

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer U_{∞} . Turbulence intensity in velocity profile measurements used the local mean velocity.

4. RESULTS

4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of the contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building is deflected down to the plaza level, up over the structure and around the sides. A description of the smoke test results emphasizing flow patterns of concern relative to possible high-wind load areas and pedestrian comfort is given in Section 5.1.

4.2 Velocity

Velocity and turbulence profiles are shown in Figure 7. Profiles were taken upstream from the model which are characteristic of the boundary layer approaching the model and sometimes at the building site with building removed. The boundary-layer thickness, δ , is shown in Figure 7. The corresponding prototype value of δ for this study is also shown in the figure. This value was established as a reasonable height for this study. The mean velocity profile approaching the modeled area has the form

$$\frac{U}{U_{\infty}} = \left(\frac{z}{\delta}\right)^n.$$

The exponent n for the approach flow established for this study is shown in Figure 7.

Profiles of longitudinal turbulence intensity in the flow approaching the modeled area are shown in Figure 7. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the velocity profiles, turbulence intensity is defined

as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the local mean velocity U ,

$$Tu = \frac{U_{rms}}{U} .$$

Velocity data obtained at each of the pedestrian measurement locations shown in Figure 4 are listed in Table 2 as mean velocity U/U_{∞} , turbulence intensity U_{rms}/U_{∞} , and largest effective gust

$$U_{pk} = \frac{U + 3U_{rms}}{U_{\infty}} .$$

These data are plotted in polar form in Figure 8. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

To enable a quantitative assessment of the wind environment, the wind-tunnel data were combined with wind frequency and direction information obtained at the local airport. Table 3 shows wind frequency by direction and magnitude obtained from summaries published by the National Weather Service. These data, usually obtained at an elevation of about 30-40 ft, were converted to velocities at the reference velocity height for the wind-tunnel measurements and combined with the wind-tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each measuring location. The percentage times were summed by wind direction to obtain a percent time exceeded at each measuring position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are plotted in Figure 9.

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4) and Melbourne (5). The Beaufort scale (from ref. 4), based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Quantitative criteria for acceptance from reference 5 are superimposed as dashed lines on Figure 9. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say about one of these gusts per hour). Implications of the data plotted in Figure 9 are presented in Section 5.2.

Because some pedestrian wind measuring positions are purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure may be less severe than one might infer from a strict analysis of Table 2 and Figure 9.

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4.3 Pressures

For each of the pressure taps examined at each wind direction, the data record is analyzed to obtain four separate pressure coefficients. The first is the mean pressure coefficient

$$C_{p_{\text{mean}}} = \frac{(p-p_{\infty})_{\text{mean}}}{0.5 \rho U_{\infty}^2}$$

where the symbols are as defined in the List of Symbols. It represents the mean of the instantaneous pressure difference between the building pressure tap and the static pressure in the wind tunnel above the building model, nondimensionalized by the dynamic pressure

$$0.5 \rho U_{\infty}^2$$

at the reference velocity position. This relationship produces a dimensionless coefficient which indicates that the mean pressure difference between building and ambient wind at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure near the upper edge of the boundary layer. Using the measured coefficient, prototype mean pressure values for any wind velocity may be calculated.

The magnitude of the fluctuating pressure is obtained by the rms pressure coefficient

$$C_{p_{\text{rms}}} = \frac{\left((p-p_{\infty}) - (p-p_{\infty})_{\text{mean}} \right)_{\text{rms}}}{0.5 \rho U_{\infty}^2}$$

in which the numerator is the root-mean-square of the instantaneous pressure difference about the mean .

If the pressure fluctuations followed a Gaussian probability distribution, no additional data would be required to predict the

frequency with which any given pressure level would be observed.

However, the pressure fluctuations do not, in general, follow a Gaussian probability distribution so that additional information is required to show the extreme values of pressure expected. The peak maximum and peak minimum pressure coefficients are used to determine these values:

$$C_{p_{\max}} = \frac{(p-p_{\infty})_{\max}}{0.5 \rho U_{\infty}^2}$$

$$C_{p_{\min}} = \frac{(p-p_{\infty})_{\min}}{0.5 \rho U_{\infty}^2}$$

The values of $p-p_{\infty}$ which were digitized at 250 samples per second for 16 seconds, representing about one hour of time in the full-scale, are examined individually by the computer to obtain the most positive and most negative values during the 16-second period. These are converted to $C_{p_{\max}}$ and $C_{p_{\min}}$ by nondimensionalizing with the free stream dynamic pressure.

The four pressure coefficients are calculated by the on-line data acquisition system computer and tabulated along with the approach wind azimuth in degrees from true north. The list of coefficients is included as Appendix A. The pressure tap code numbers used in the appendix are explained in Figure 3.

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest peak positive and peak negative pressure coefficients. Table 6 lists the larger values and associated wind directions. Included in Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. This reference pressure is represented in the equations for pressure coefficients by the $0.5 \rho U_{\infty}^2$ denominator. This value is the dynamic pressure associated with an hourly mean wind at the reference velocity measurement position at the edge of the boundary layer. In general, the method of arriving at a design reference pressure for a particular site involves selection of a design wind velocity, translation of the velocity to an hourly mean wind at the reference velocity location and conversion to a reference pressure. Selection of the design velocity can be made from statistical analysis of extreme wind data or selected from wind maps contained in the proposed wind loading code ANSI A58.1 of the American National Standards Institute (6). The calculation of reference pressure for this study is shown in Table 5. The factor used in Table 5 to reduce gust winds to hourly mean winds is given in reference (7).

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6 and are listed as peak pressures in that table. The maximum psf loads given at each tap location are the largest peak positive and peak negative values found in the tests. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding load shown in Table 6 have been plotted on developed elevation views of the structure,

Figure 10. If a data point which is taken in the basic model configuration is retaken in a resolution configuration, the data are averaged in preparing Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

For glass design pressures, a glass load factor is used to account for the different duration between measured peak pressures and the one minute loading commonly used in glass design charts. The design pressure used for glass is normally less than the peak pressures used for cladding design because of the static fatigue property of glass which can withstand higher pressures for short duration loads than for long duration loads. Recent research (8) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak-pressure values, then a glass strength associated with this duration load should be used. Because glass design charts are normally based on some alternate load duration -- usually one minute -- then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration. Current glass selection charts showing glass strength as a function of load duration (9) and older references (10) indicate the following load reduction factors:

| | ref 9 | ref 10 |
|-------------------|-------|--------|
| annealed float | 0.80 | 0.81 |
| heat strengthened | 0.94 | |
| tempered | 0.97 | 0.98 |

Loadings appropriate for glass design can be computed by multiplying the peak-pressure loads of Table 6 by these load factors.

incorporated in Table 5 so that force and moment data of Table 7 may be adjusted to a different load duration if desired.

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an X', Y' axis through the floor of interest. Moments about the Z axis were calculated by considering the displacement of forces in the X and Y directions from the Z axis shown in Figure 3. Eccentricities were computed such that the product of the Y force and X eccentricity minus the product of the X force and Y eccentricity equaled the Z moment. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed that the largest peak pressures would probably be found near the corners adjacent to the curved tower surface where flow separated from the surface. The separated flow was highly curved, particularly near the top corner of the building, an indication of possible high peak negative (outward acting) pressures. Flows over the central portion of the curved face and over the northeast face of the tower did not indicate high pressures in those regions. Areas of potential high pressure on the base structure appeared to be limited to areas close to the tower where winds brought to ground level by the tower were of higher speed than in areas away from the tower.

Wind speeds in pedestrian areas around the base of the building appeared to be moderate except at the locations where the corners of the tower defining the edge of the curved face intersected the ground. Near these locations, the winds which were brought to the surface by the tower were quite strong for some wind directions.

5.2 Pedestrian Winds

Figure 4 shows the 23 locations selected for investigation of pedestrian wind comfort. Location 1 was selected as a reference location which should be reasonably undisturbed by recent construction in the downtown area. Table 2 and Figure 8 show that the largest mean velocities were measured at locations 2, 14 and 15 with values of 73 to 75 percent of U_{∞} , the mean velocity at the boundary-layer height. These are the locations identified by smoke visualization as high velocity areas. For comparison, the largest mean velocity at reference location 1 was 42 percent of U_{∞} ; in an open-country environment a mean velocity of about 45 percent might be expected.

The largest fluctuating velocity, U_{rms} , was measured at location 6 with a value of 26 percent of U_{∞} . This is typical of a city environment. The largest peak gusts, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 3, 14, 20 and 22 with values from 120 to 123 percent of U_{∞} . The largest gust at reference location 1 was 74 percent of U_{∞} while an open-country environment might expect 75 to 85 percent.

Velocity data of Table 2 integrated with local wind data of Table 3 are shown in Figure 9. Based on the data of this figure, the windiest locations are predicted to be 2, 7, 14, 15 and 20 through 23. These locations are predicted to exceed the comfort criteria for walking approximately 10 to 20 percent of the time but do not exceed the acceptance criteria curve for unacceptable winds. Wind characteristics similar to these windiest locations have been measured about other tall buildings in Denver during wind-tunnel tests of those buildings. The Reliance Center building has a larger area extent with relatively high winds than is typical of other downtown Denver buildings. An improved pedestrian environment would result if the bridge connection to the garage were enclosed.

The pedestrian wind environment at the base of the tower between the low commercial structures on 16th Street was relatively calm with large areas acceptable for long-exposure activities most of the time.

The windier areas about the Reliance Center may decrease in windiness if the blocks to the west are developed with tall structures in the future.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data

identified as Configuration A represent data obtained at all pressure tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressures measured on the building for the 100-year recurrence wind of Table 5 were -90 psf measured at taps 501 and 527 at the edge of the curved face where flow visualization indicated the possibility for large peak pressures.

Figure 10 shows contours of peak pressures on elevations of the building. Peak negative (outward acting) pressures typically ranged from -20 to -60 psf; peak positive pressures ranged up to 25 or 27 psf.

Figure 11 shows load, shear and moment distributions plotted from Table 7 for the largest shears in the X and Y coordinate directions. The coordinate system is shown in Figure 3. For wind direction 300 where the Y shear was maximum, the X shear remained at a significant level. The summary page of Table 7 shows that the Z moment reached rather large values but, fortunately, not at wind azimuths where X and Y loads were maximums. The large torsional values were due to the airfoil character of the curved face.

After completion of the data acquisition for Configurations A and B, a decision to shorten the building to 615 ft was made. Before measurements on this new geometry were complete, the project was put into a hold status and the data on the shorter configuration were not completed. The limited data that was obtained are listed in Table 6 and Appendix A as Configuration C.

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FIGURES

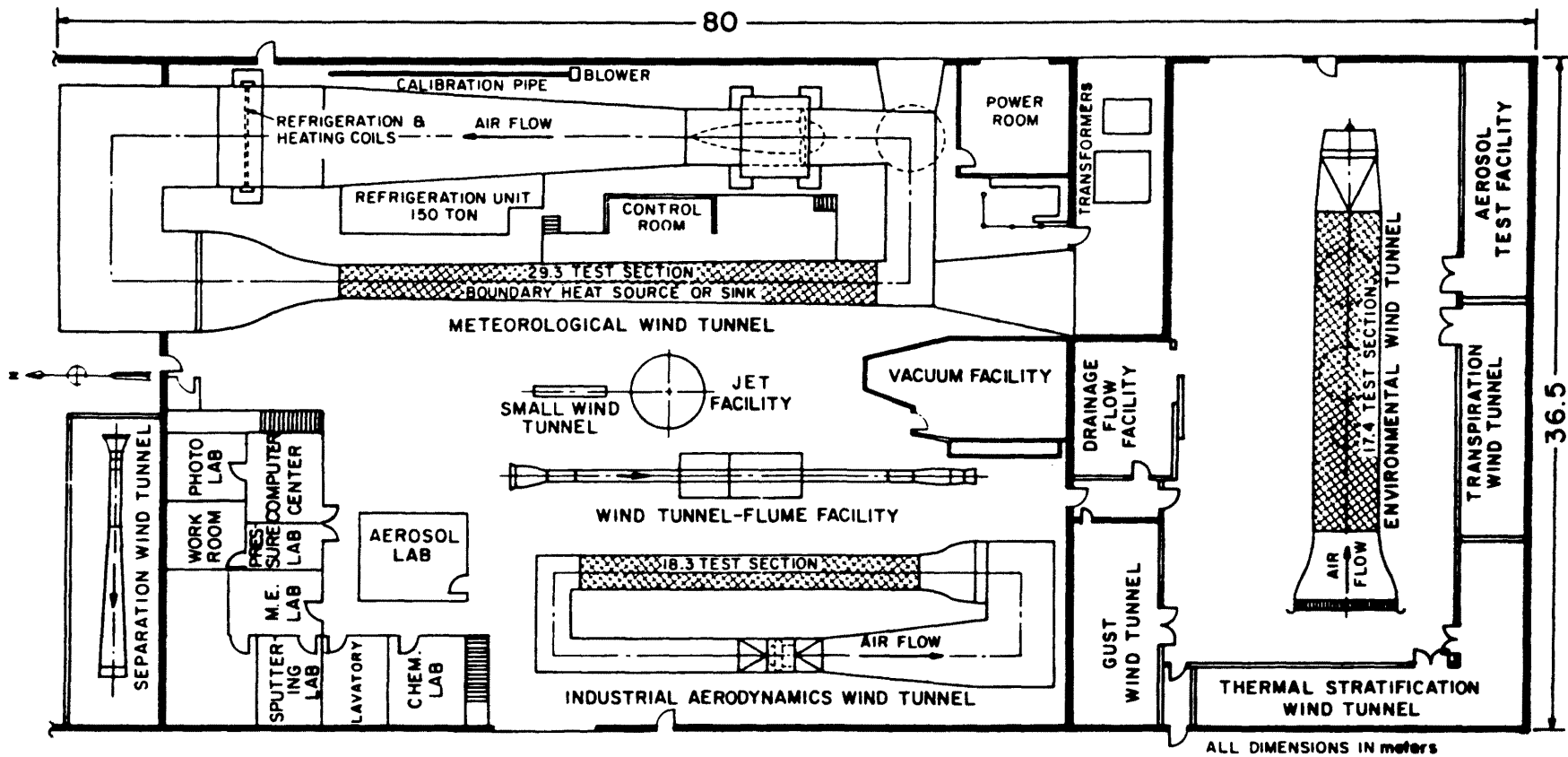
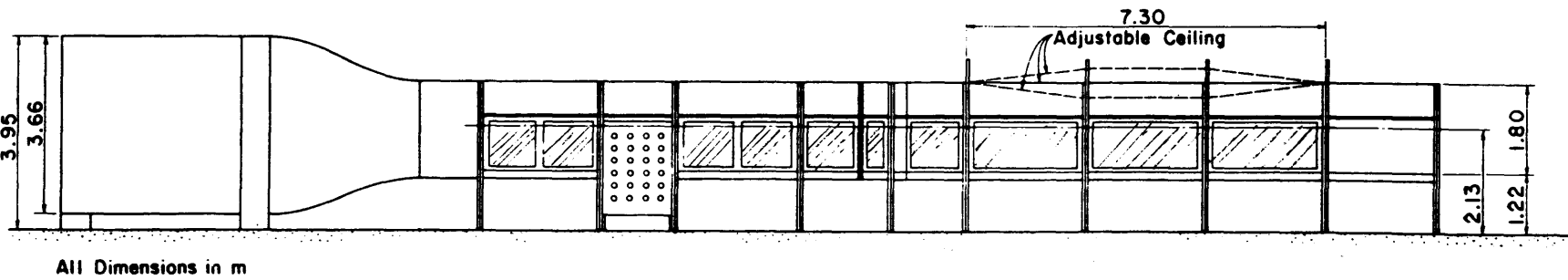
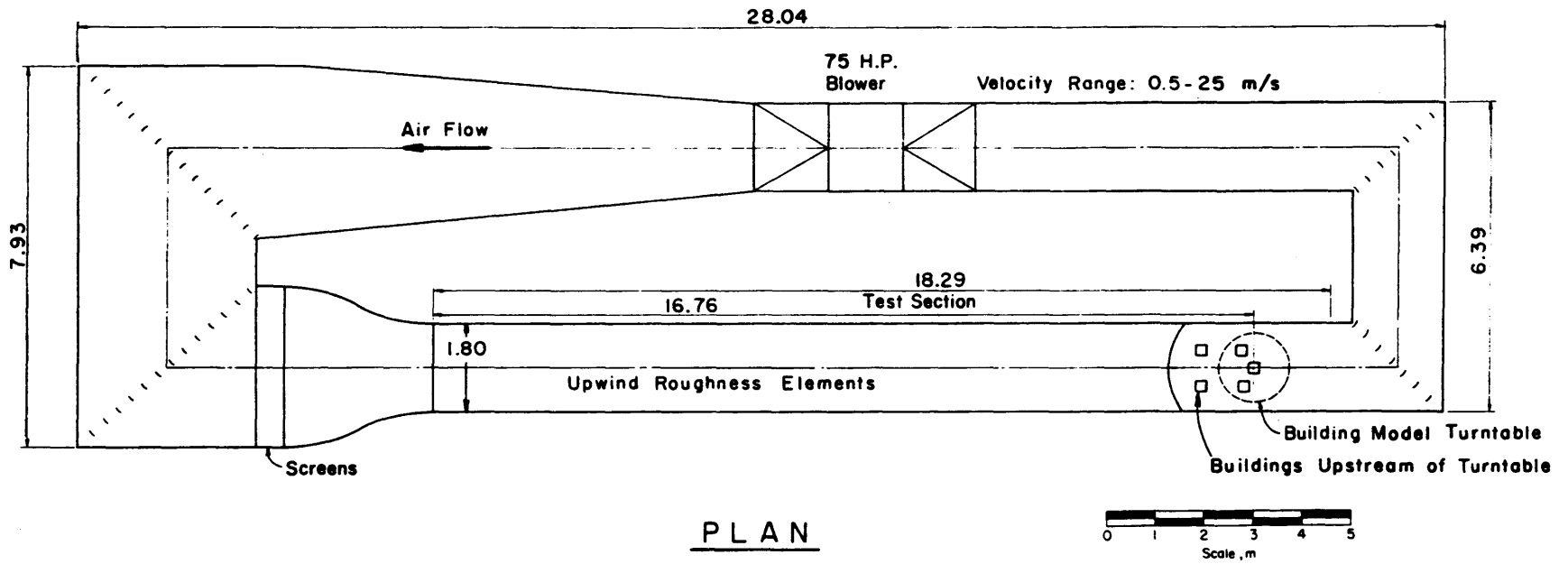


Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



ELEVATION

INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration

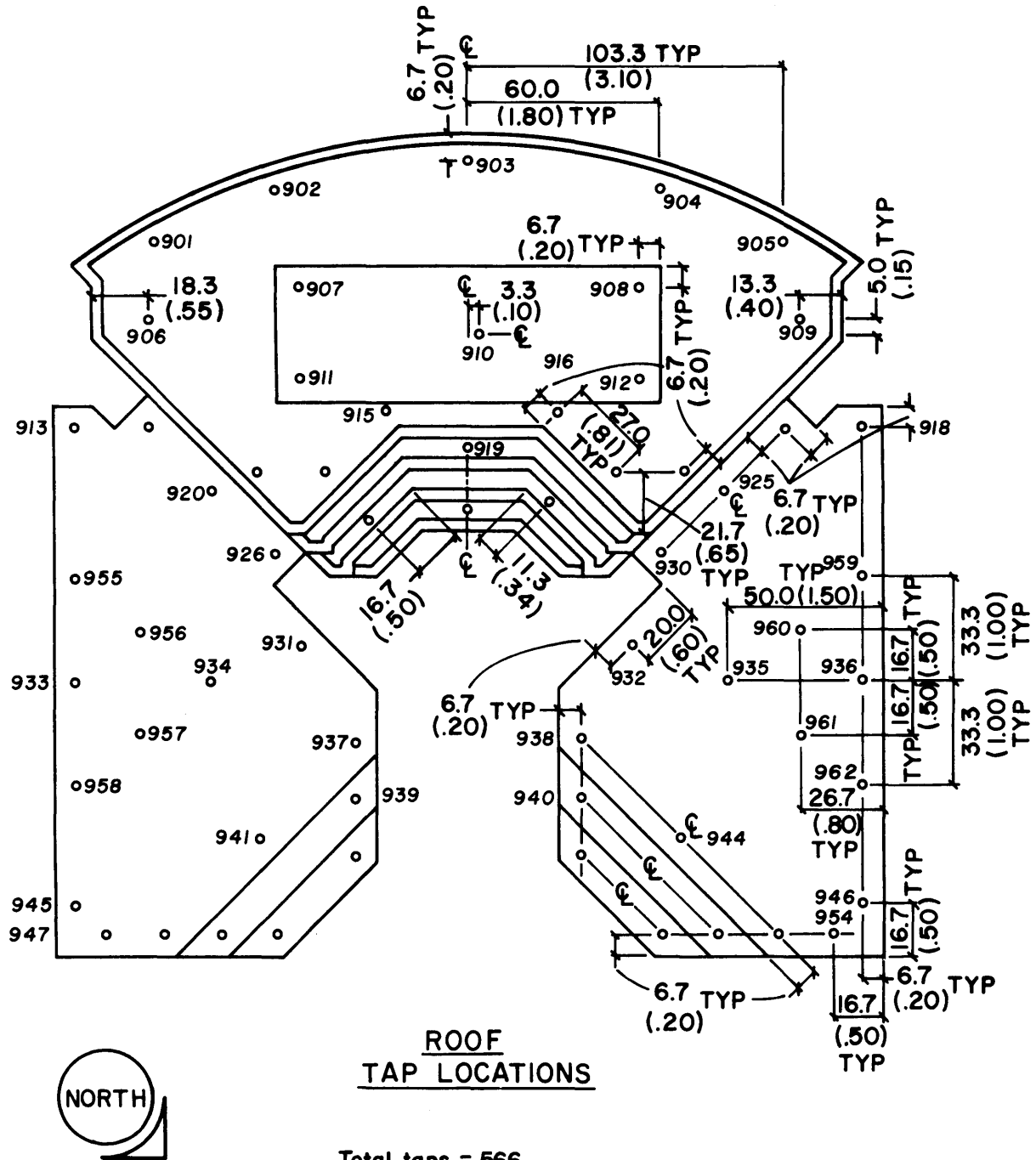
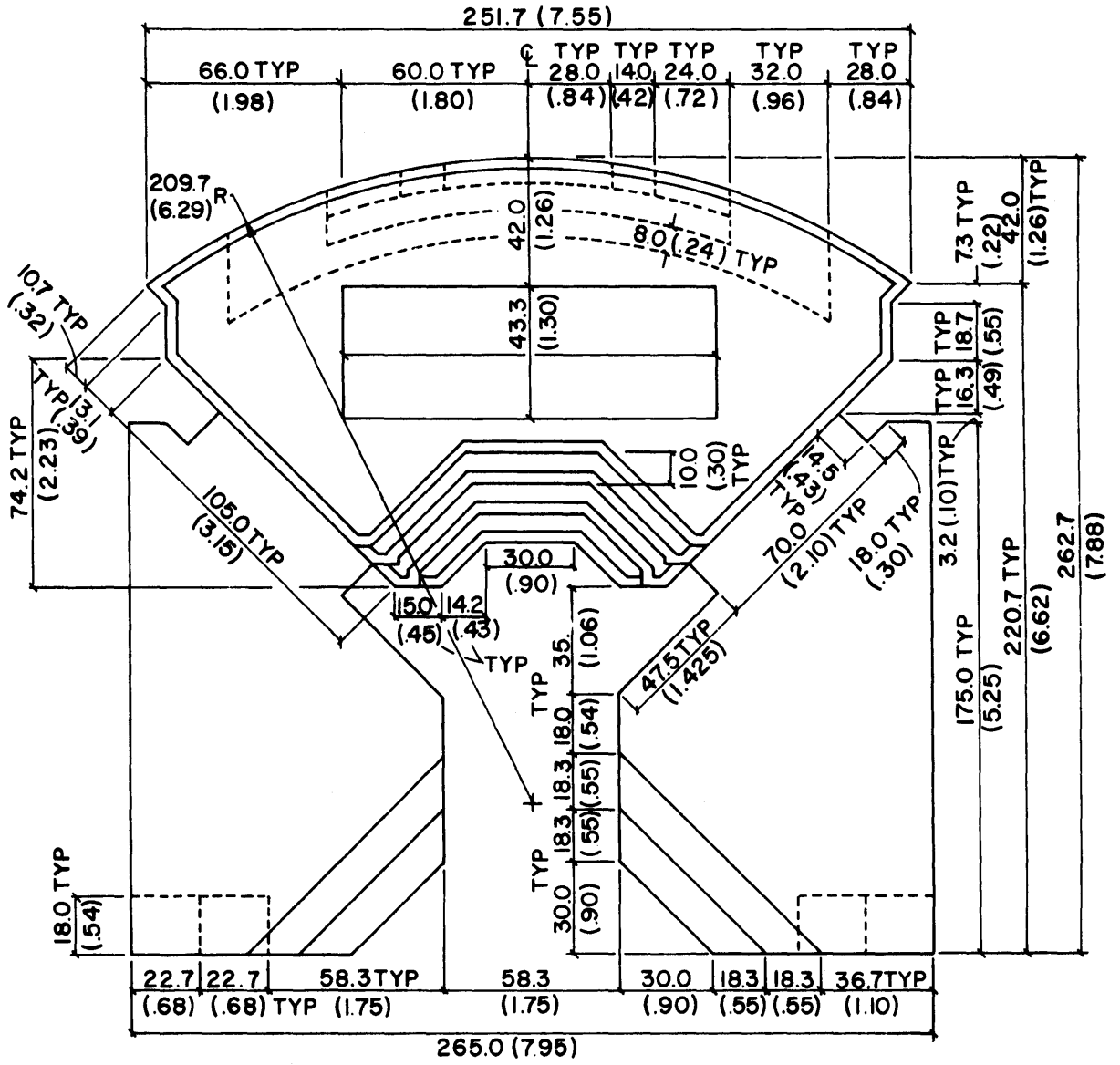


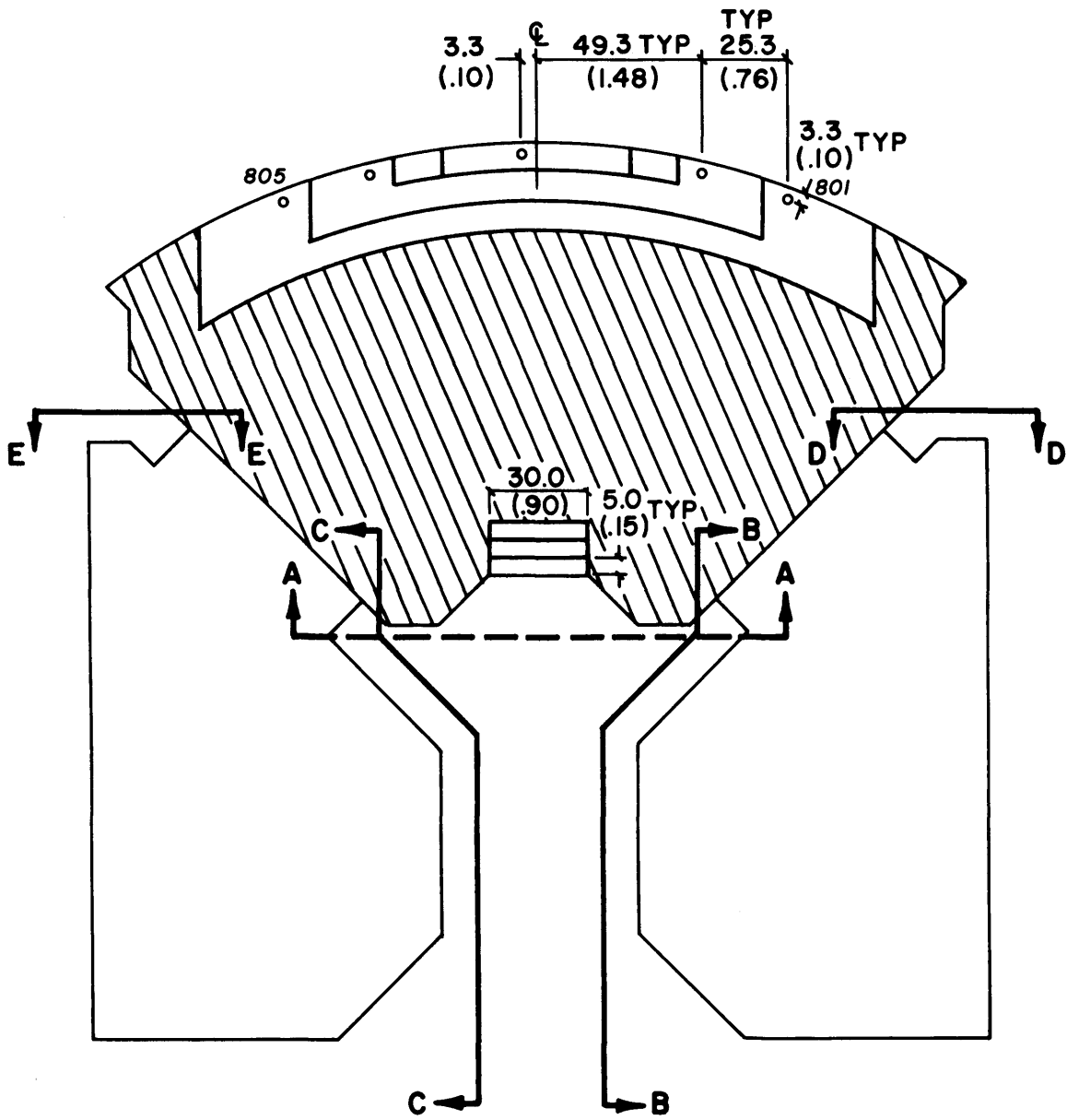
Figure 3a. Pressure Tap Locations



**ROOF
STRUCTURAL**

Note: All angles are 45°

Figure 3b. Pressure Tap Locations



SOFFIT TAPS & SECTION DESIGNATIONS

Figure 3c. Pressure Tap Locations

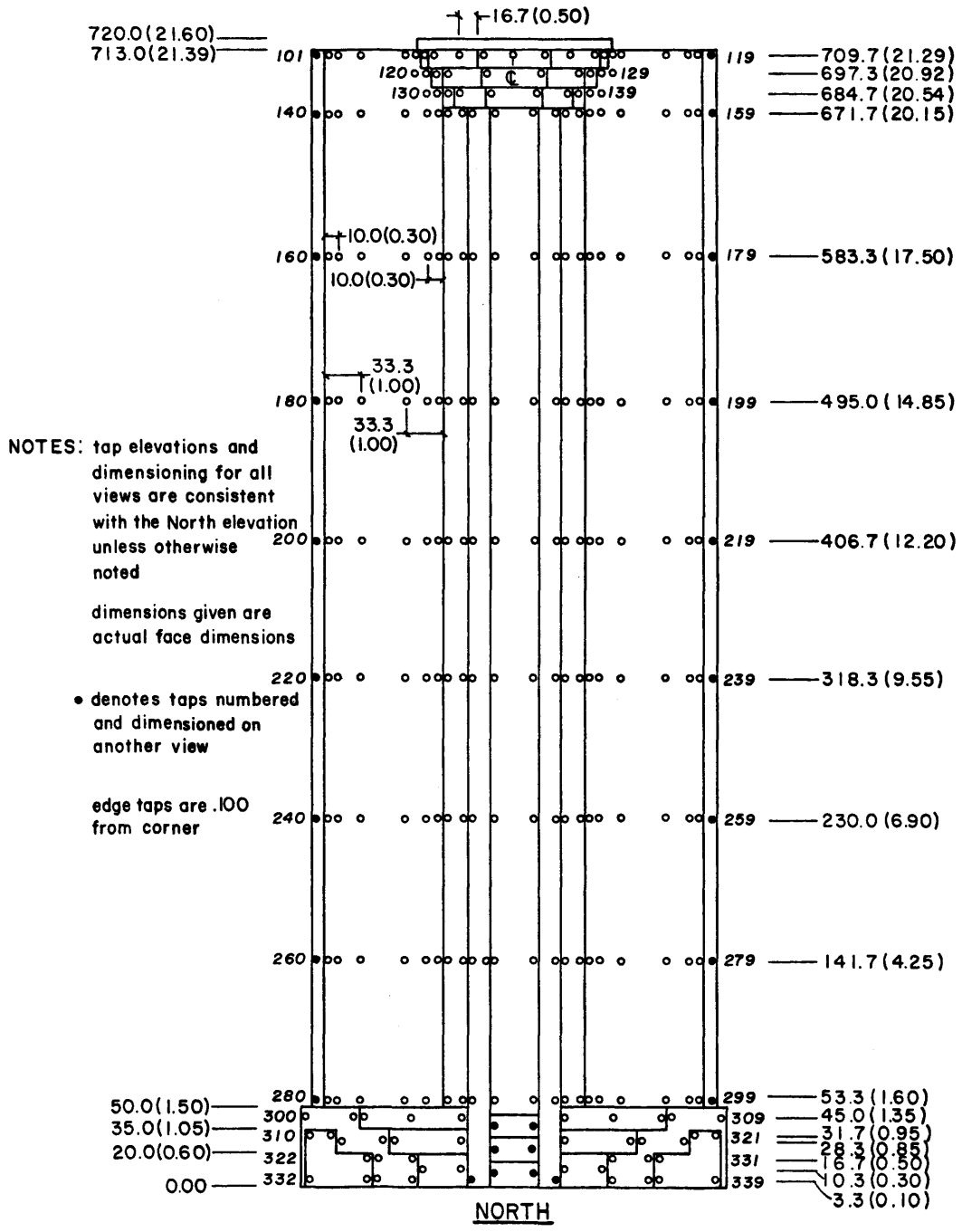


Figure 3d. Pressure Tap Locations

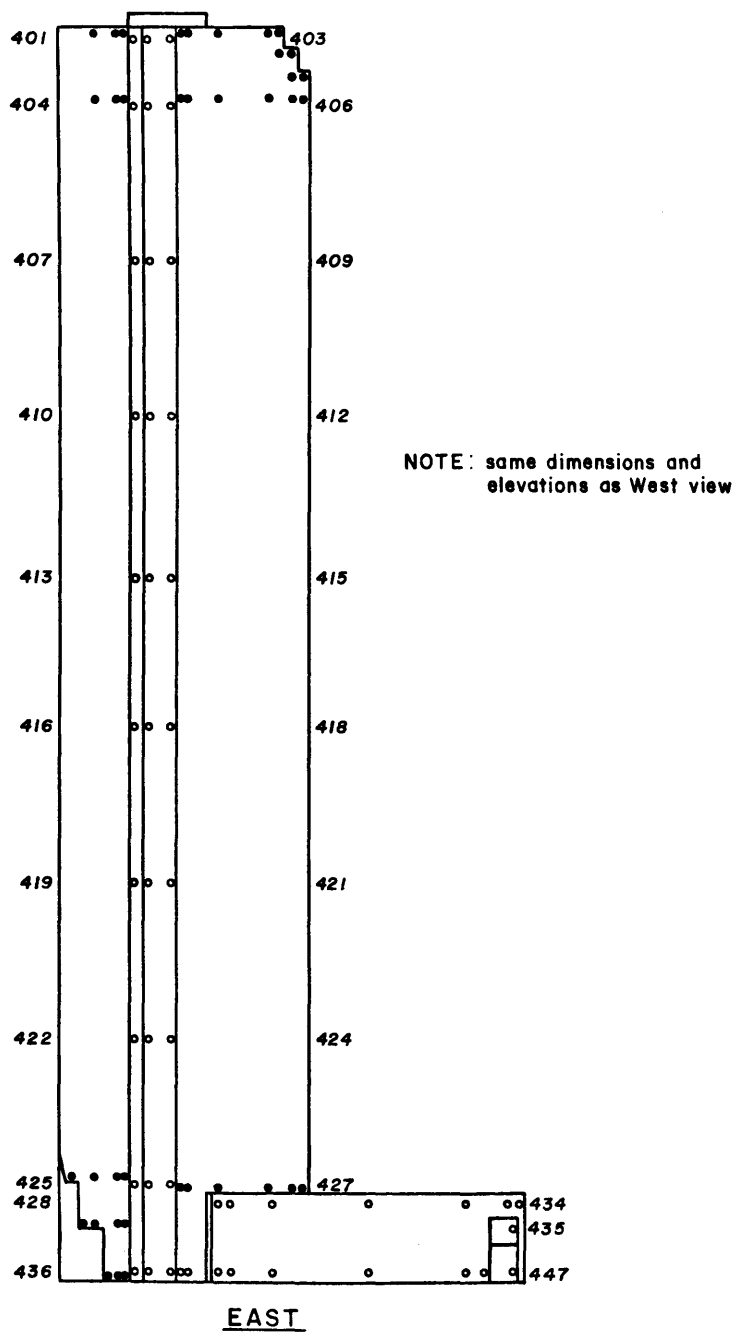


Figure 3e. Pressure Tap Locations

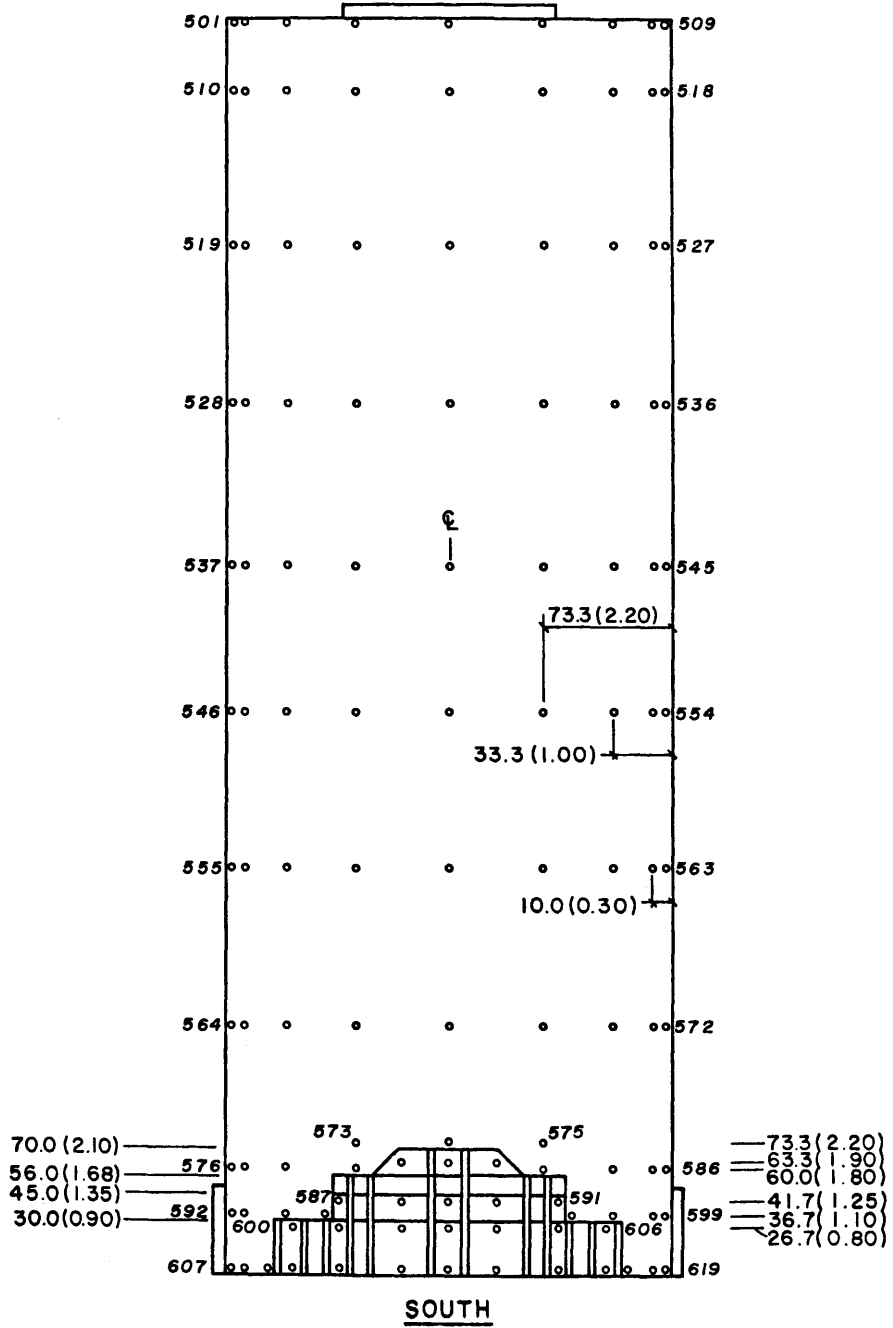


Figure 3f. Pressure Tap Locations

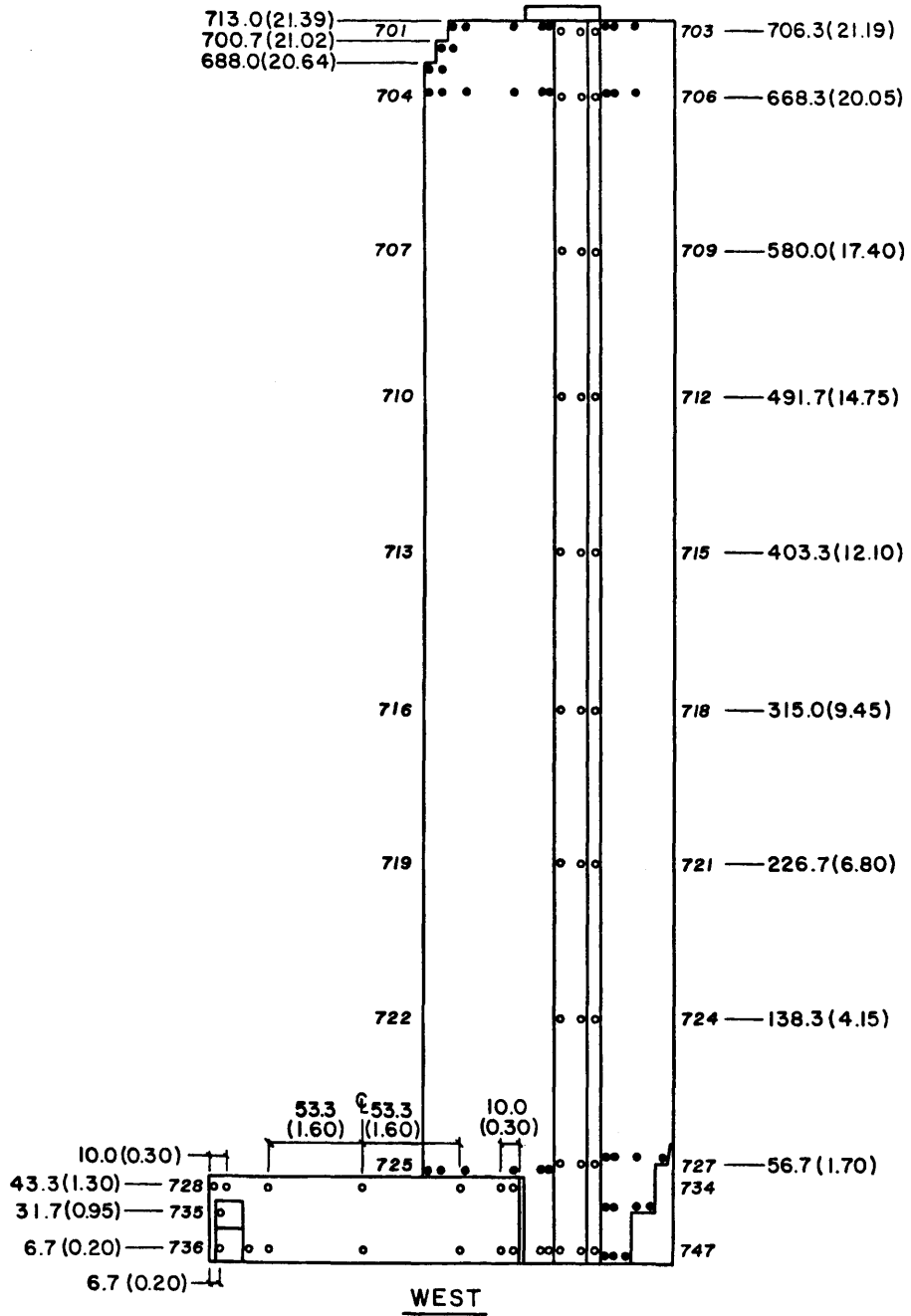


Figure 3g. Pressure Tap Locations

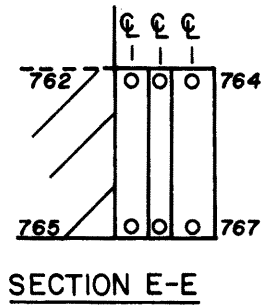
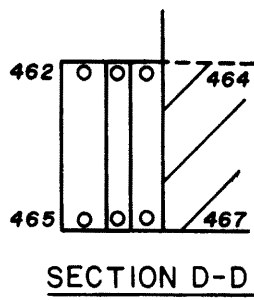
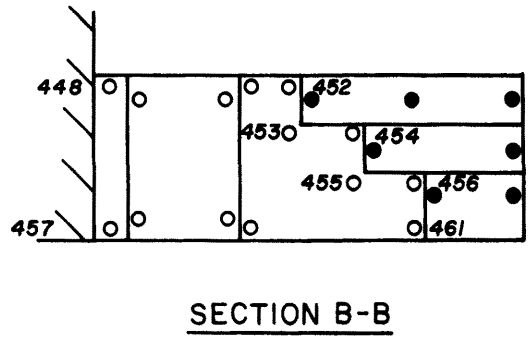
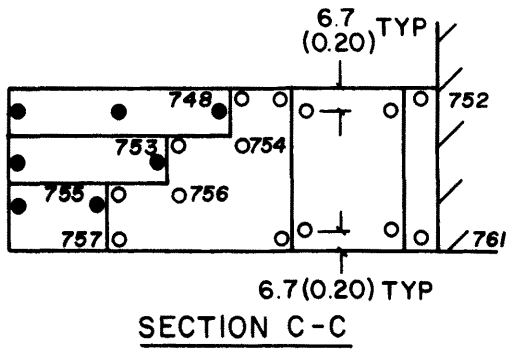
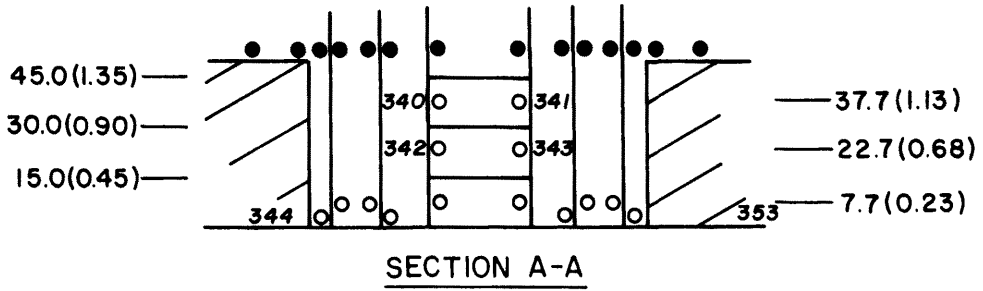


Figure 3h. Pressure Tap Locations

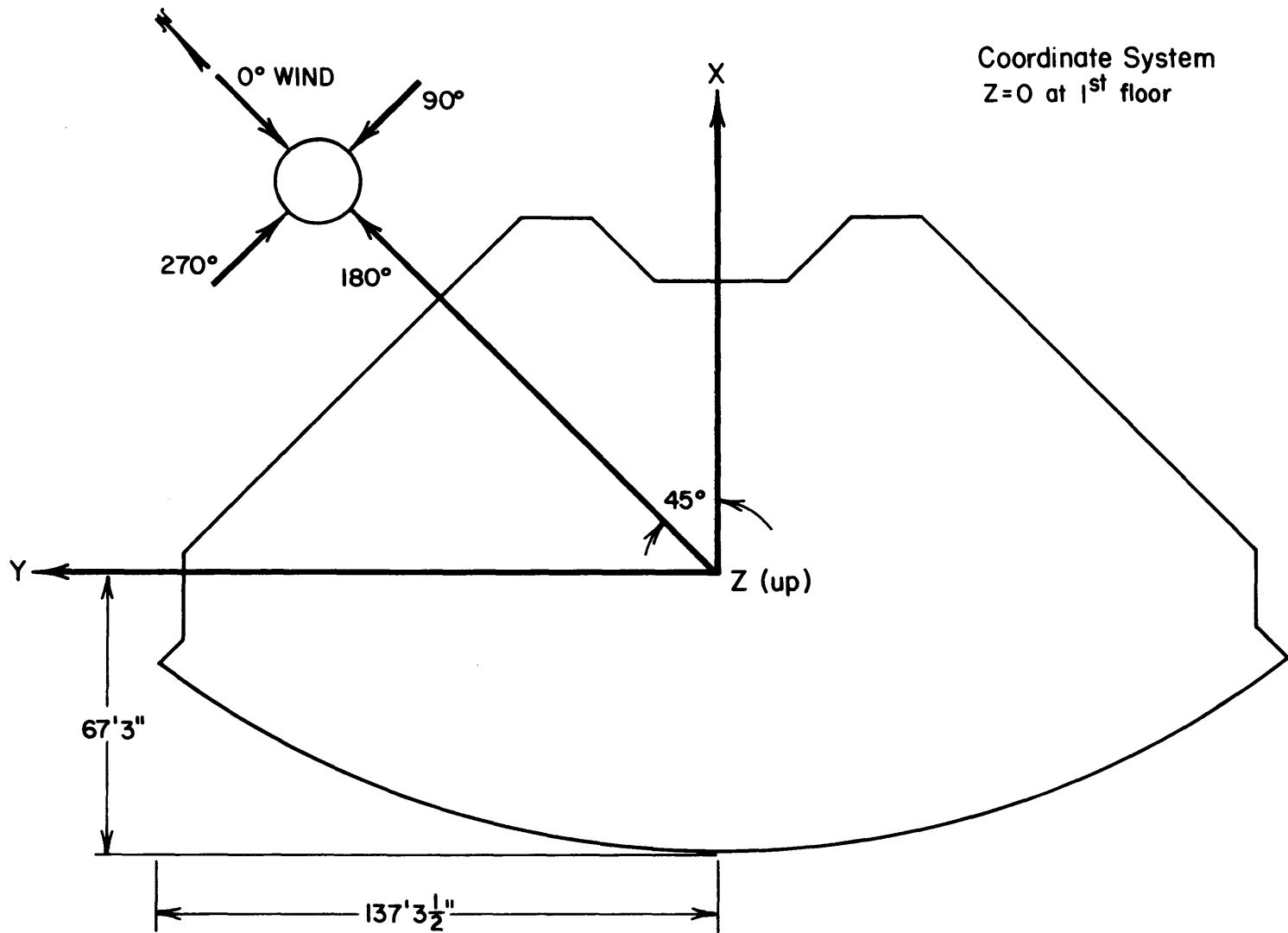


Figure 3i. Pressure Tap Locations

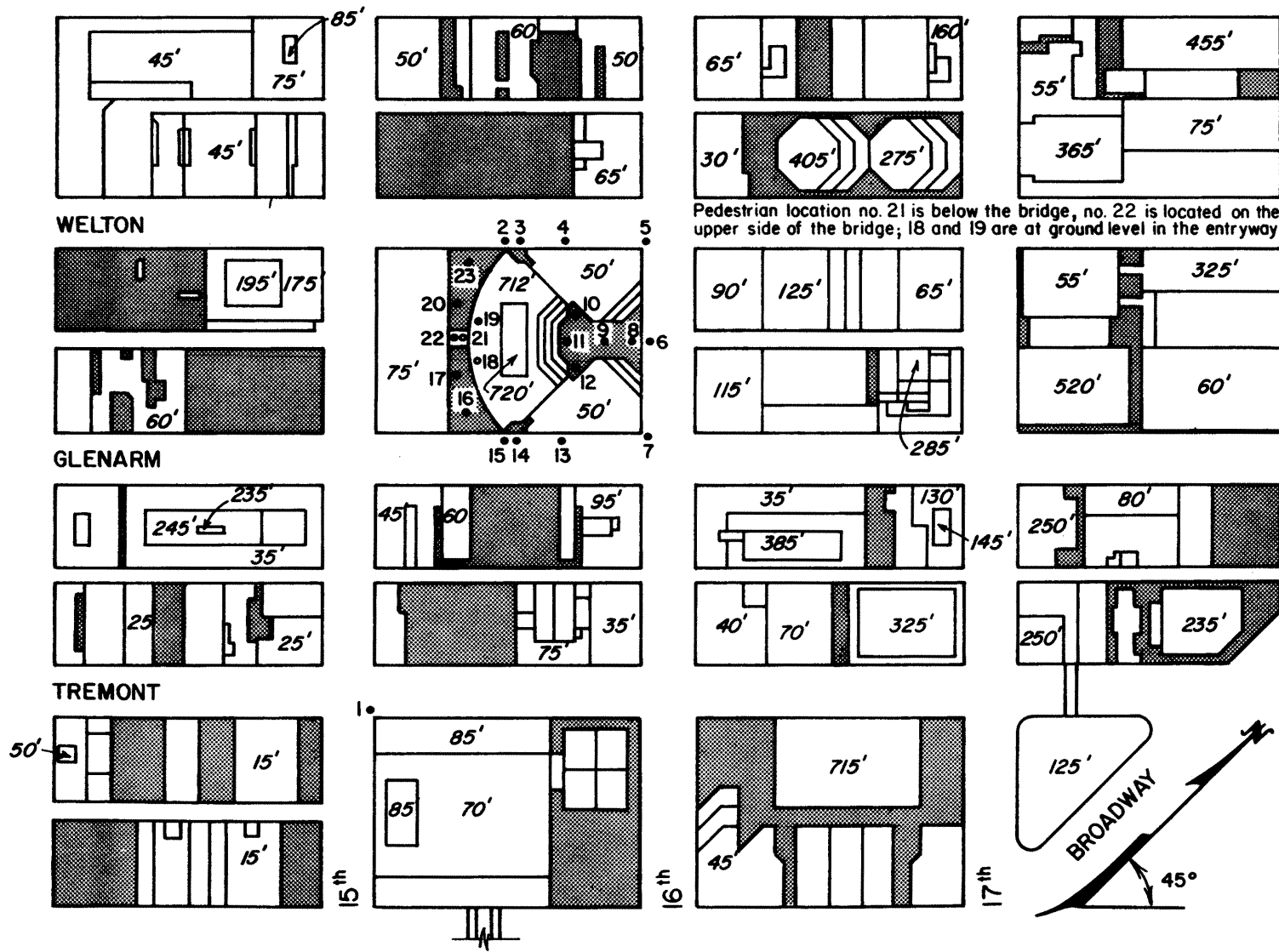


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

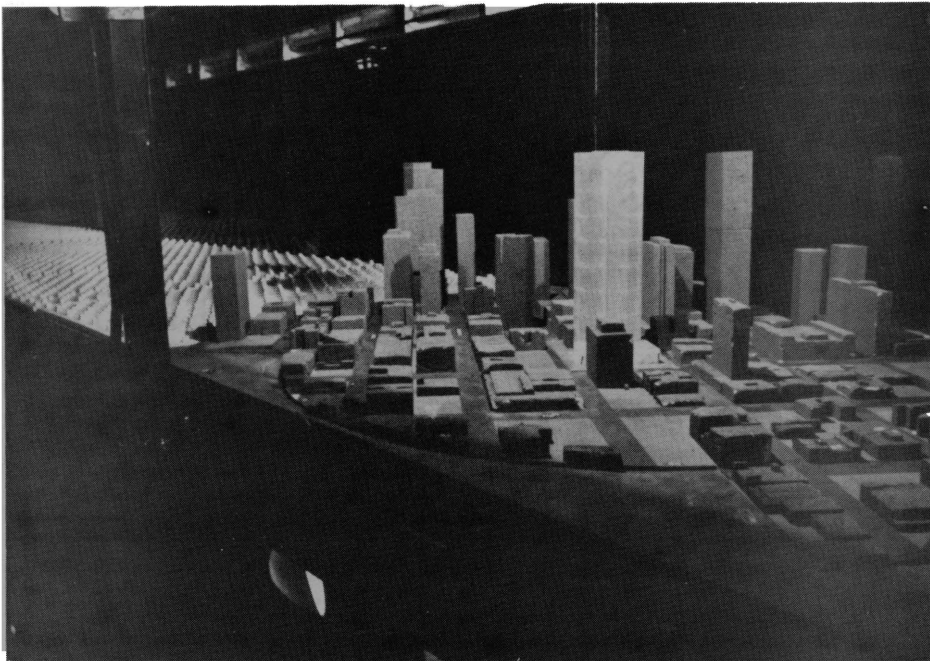
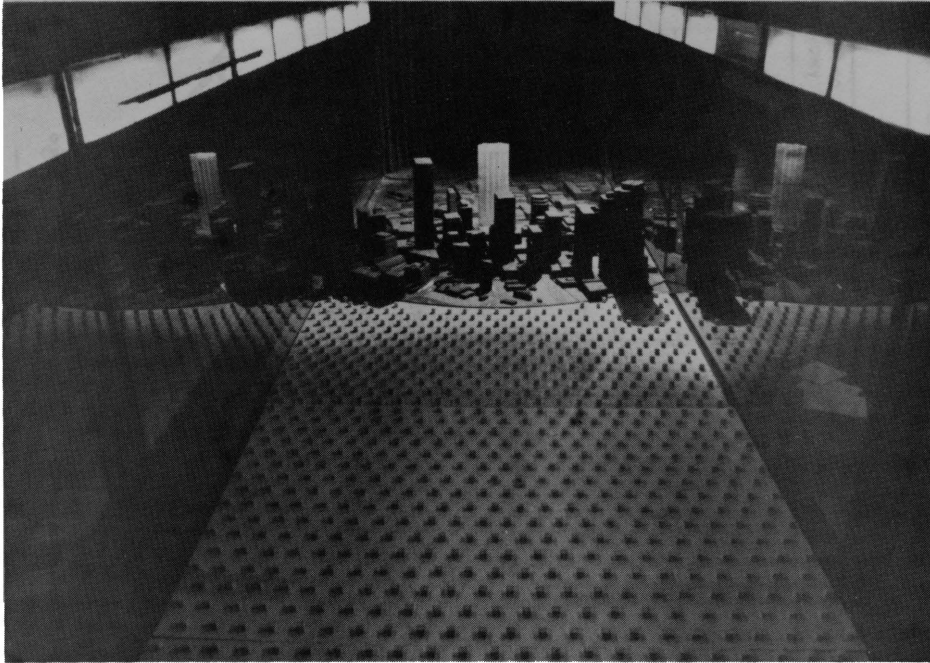


Figure 5. Completed Model in Wind Tunnel

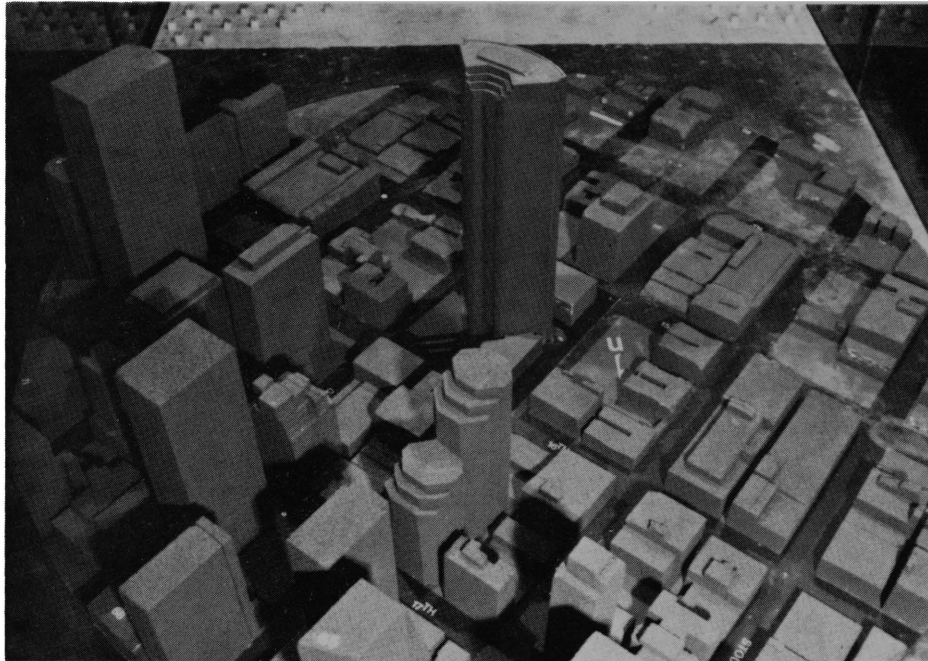


Figure 5. Completed Model in Wind Tunnel

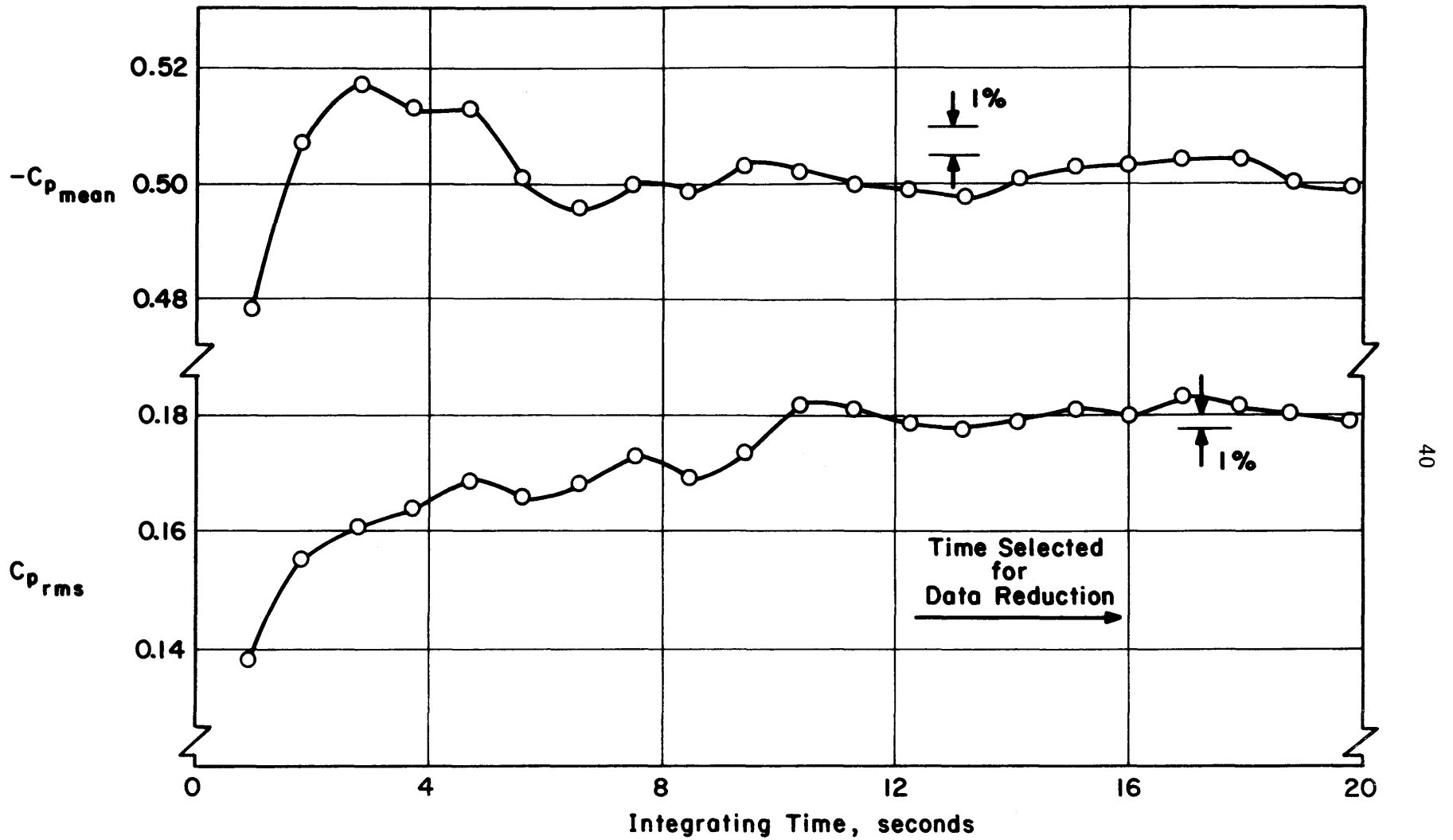


Figure 6. Data Sampling Time Verification

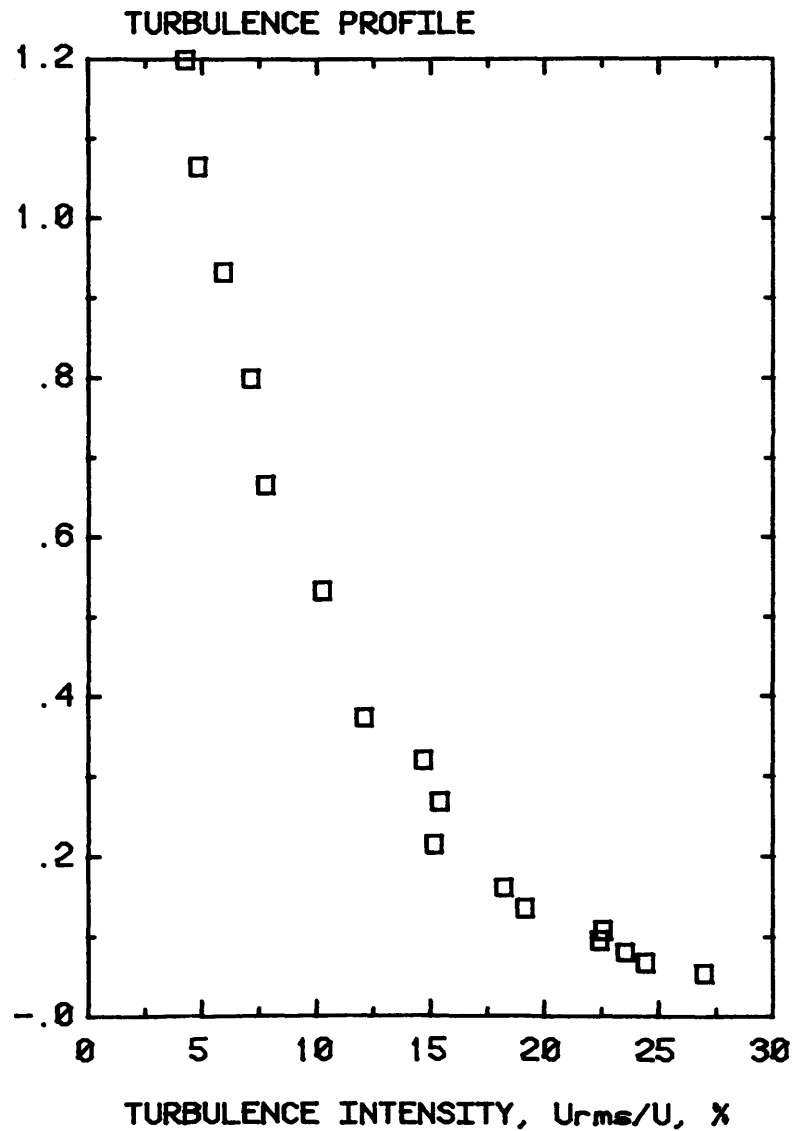
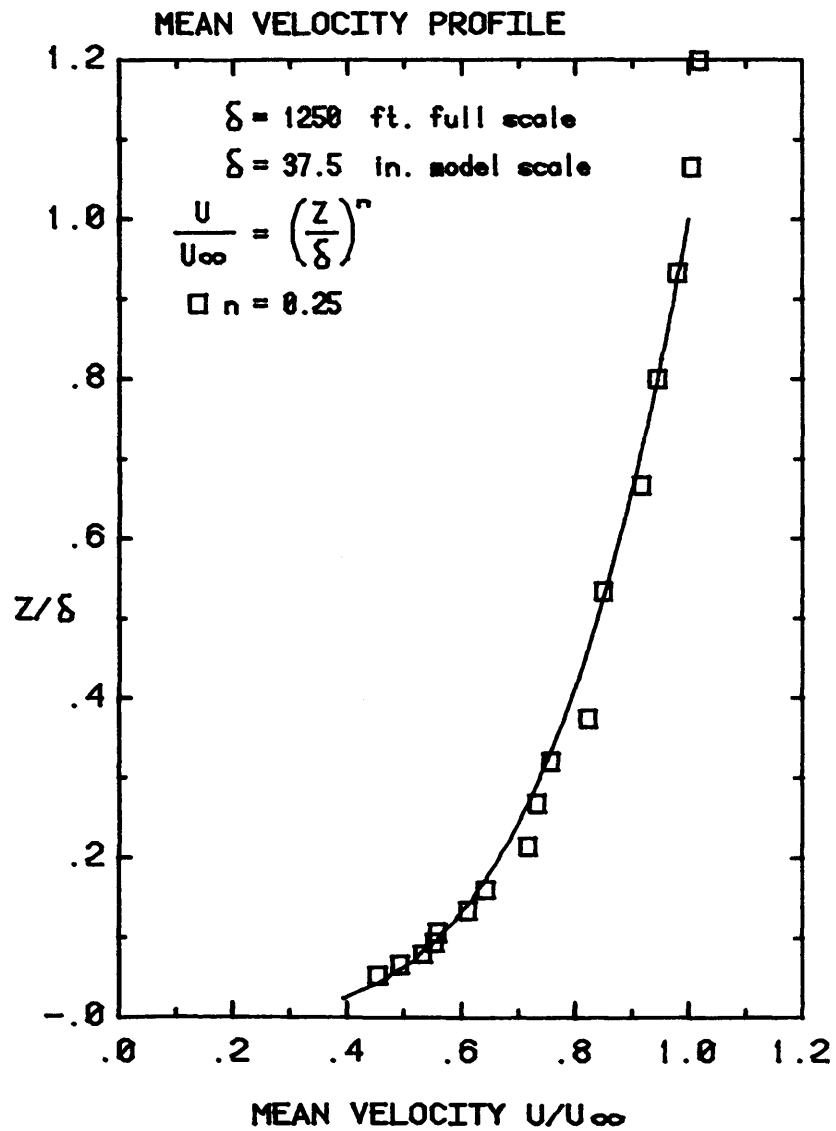


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

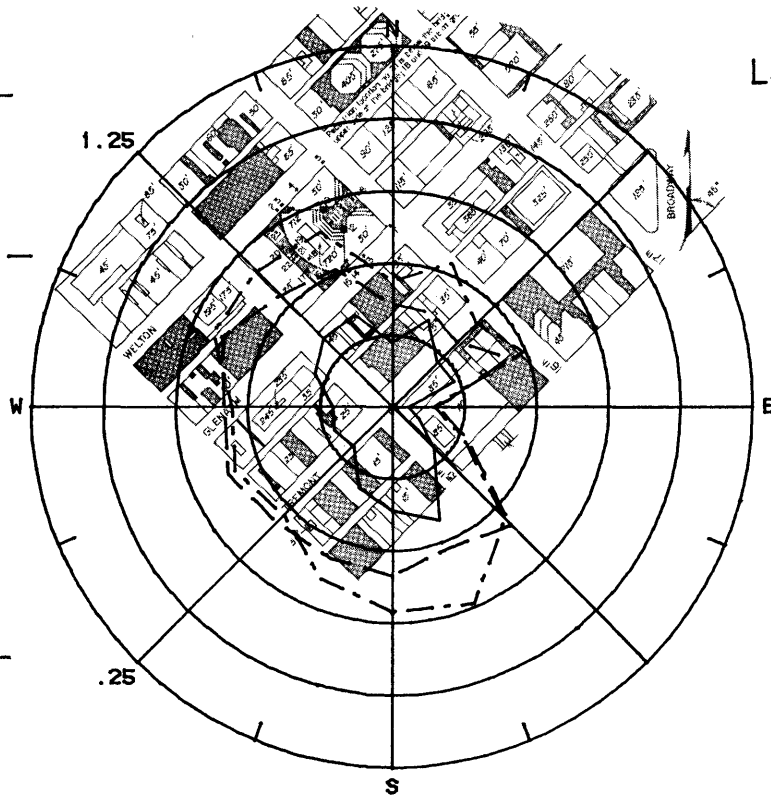
.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.05/Div

Location 1



$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25/Div

$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.05/Div

Location 2

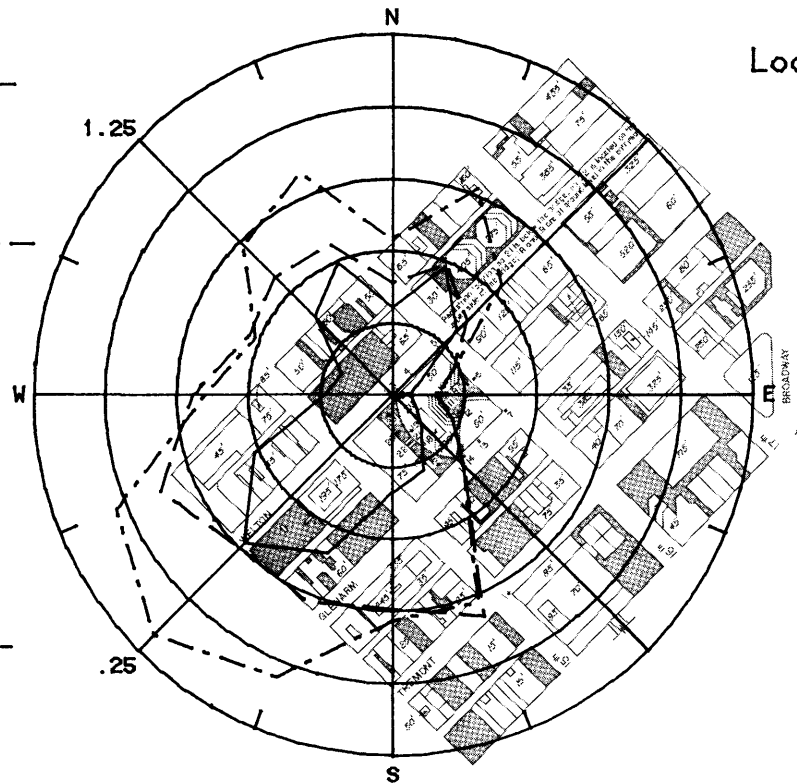


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

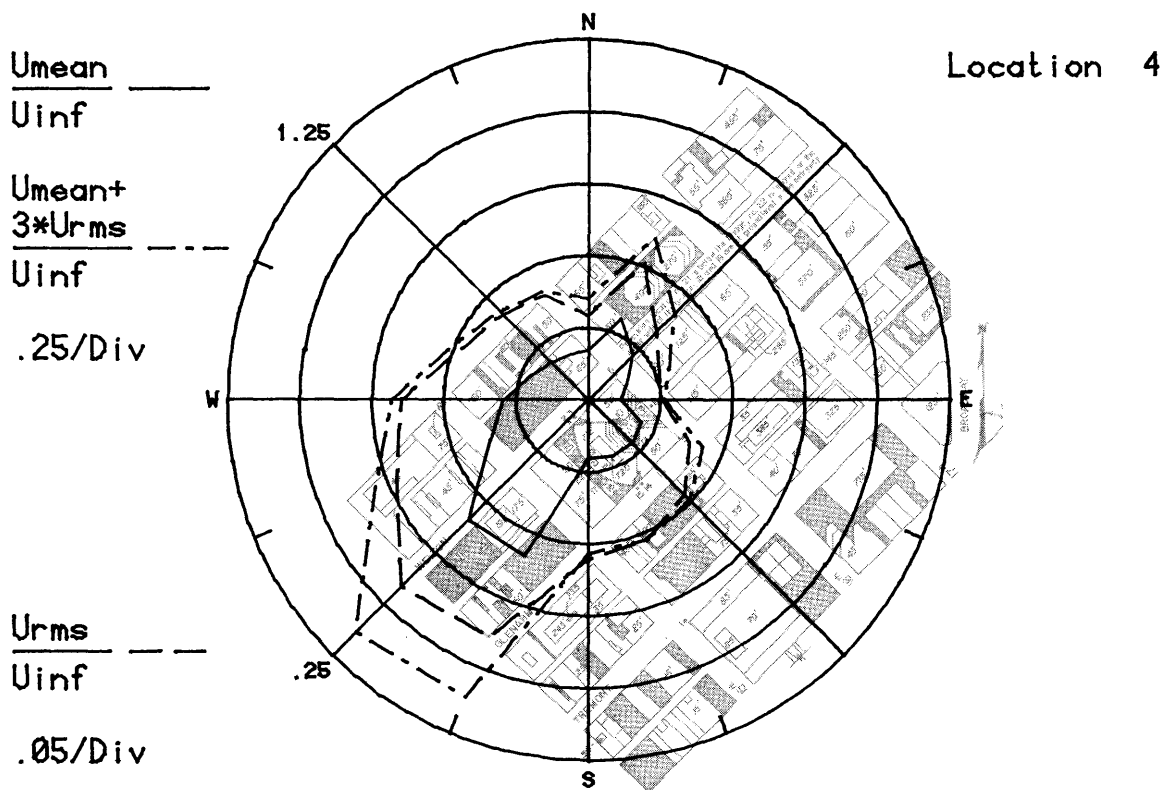
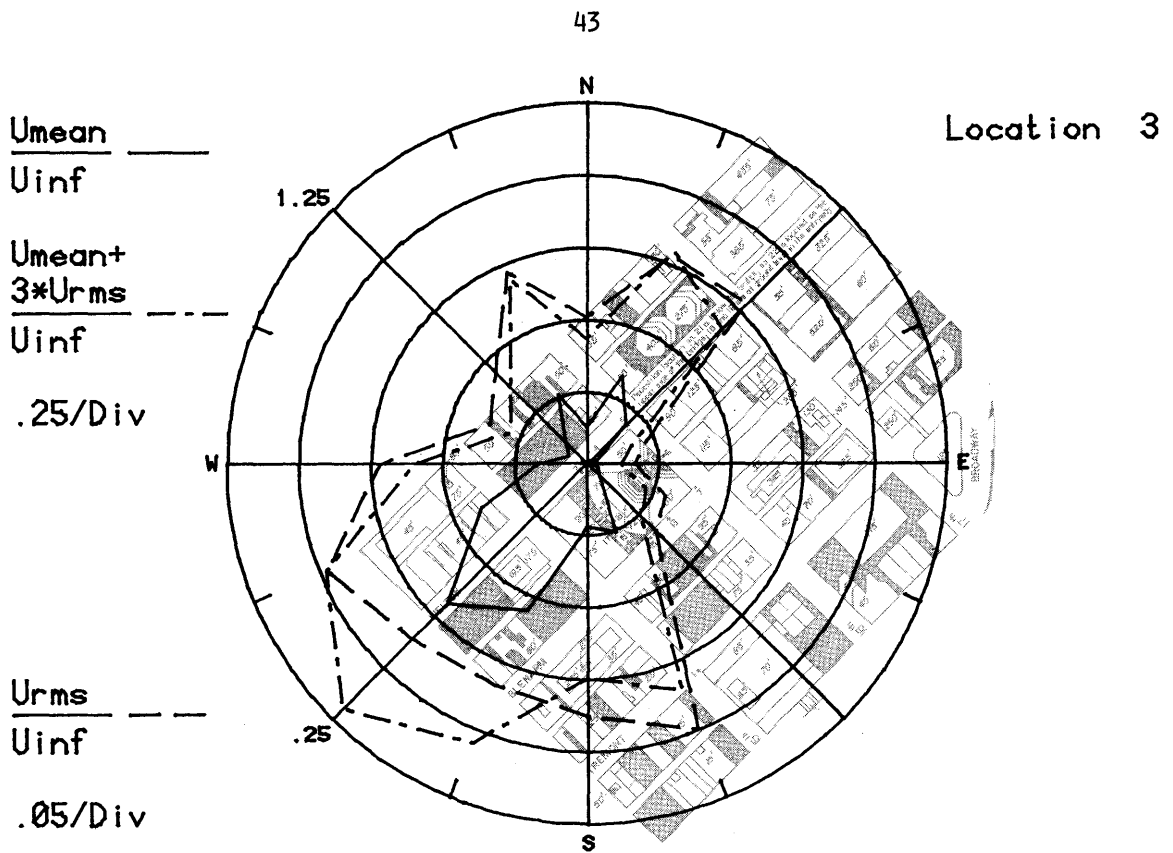


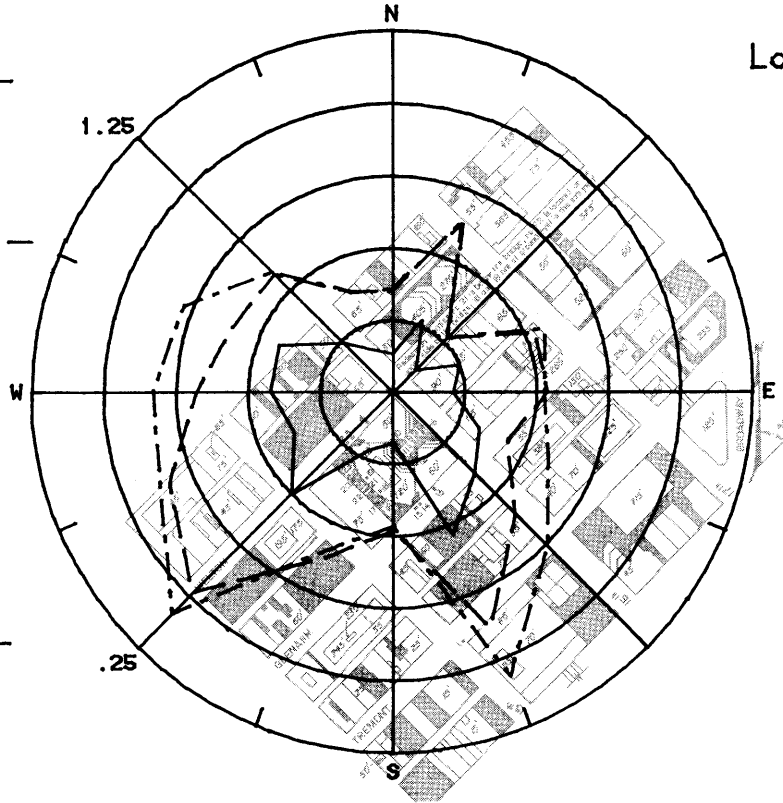
Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

$\frac{U_{mean}}{U_{inf}}$ ———
 U_{inf}

Location 5

$\frac{U_{mean} + 3 \times U_{rms}}{U_{inf}}$ - - - -
 U_{inf}

.25/Div



$\frac{U_{rms}}{U_{inf}}$ - - - -
 U_{inf}

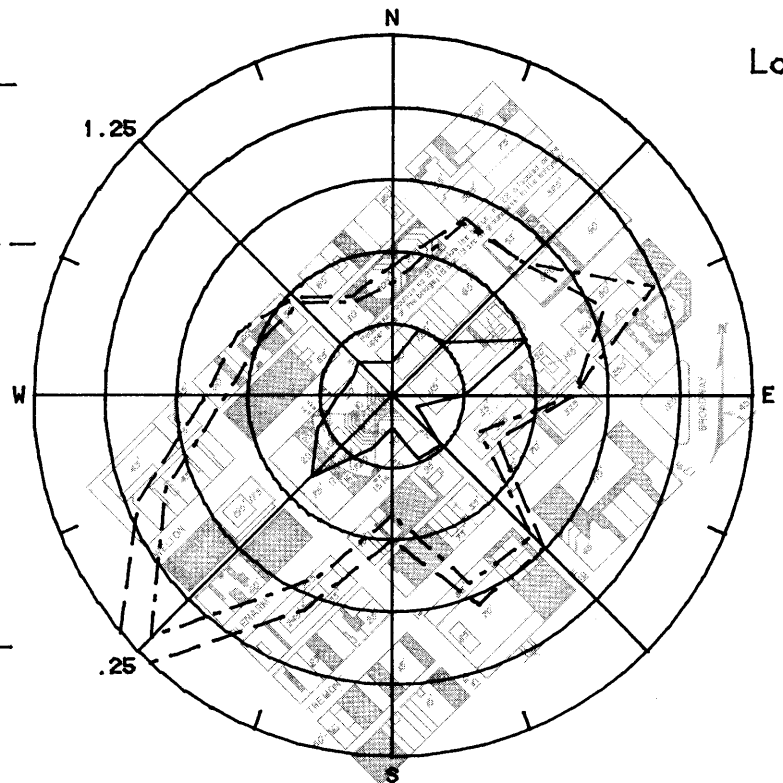
.05/Div

$\frac{U_{mean}}{U_{inf}}$ ———
 U_{inf}

Location 6

$\frac{U_{mean} + 3 \times U_{rms}}{U_{inf}}$ - - - -
 U_{inf}

.25/Div



$\frac{U_{rms}}{U_{inf}}$ - - - -
 U_{inf}

.05/Div

Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

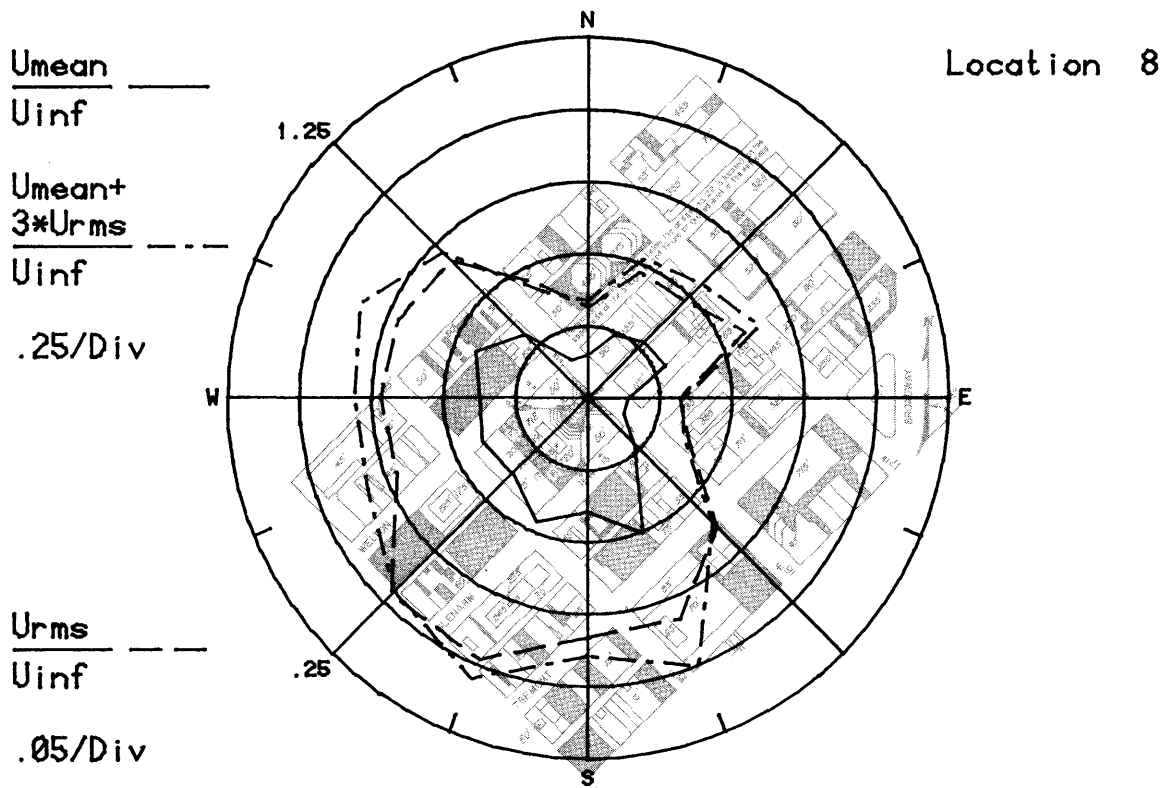
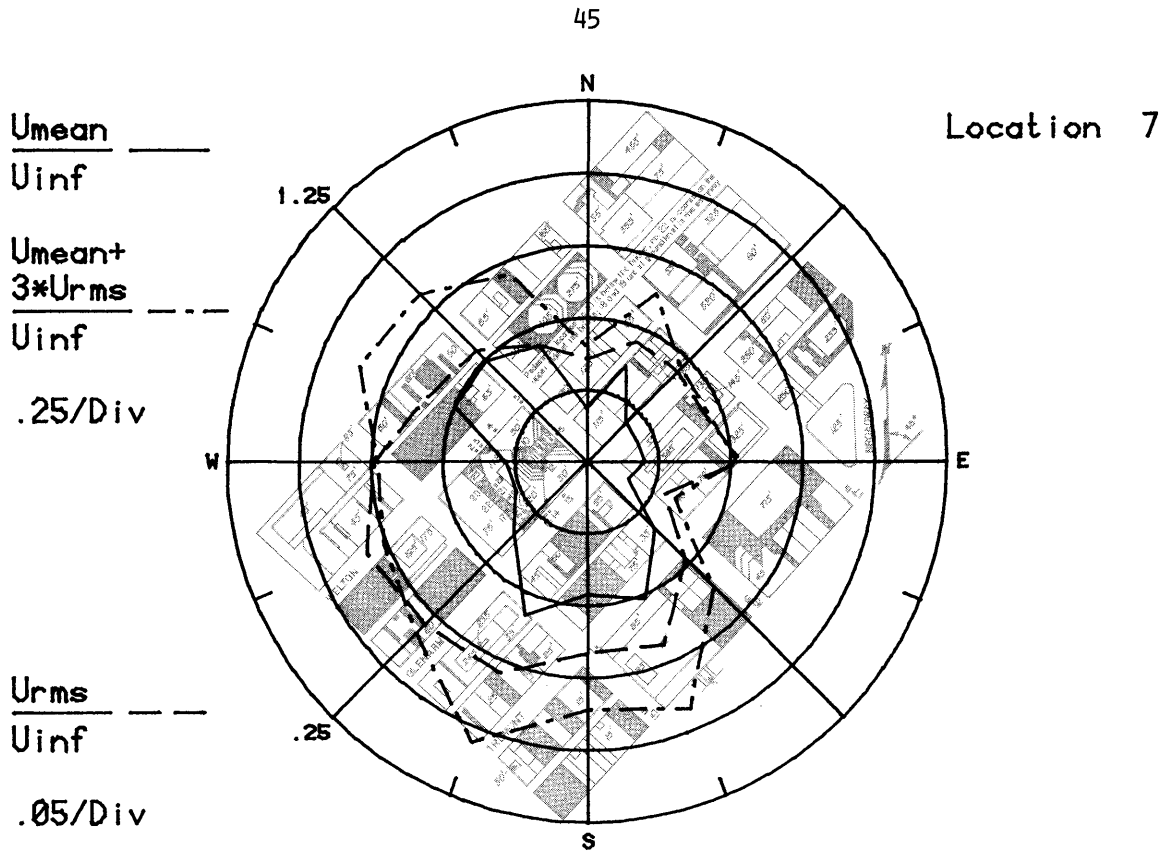


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

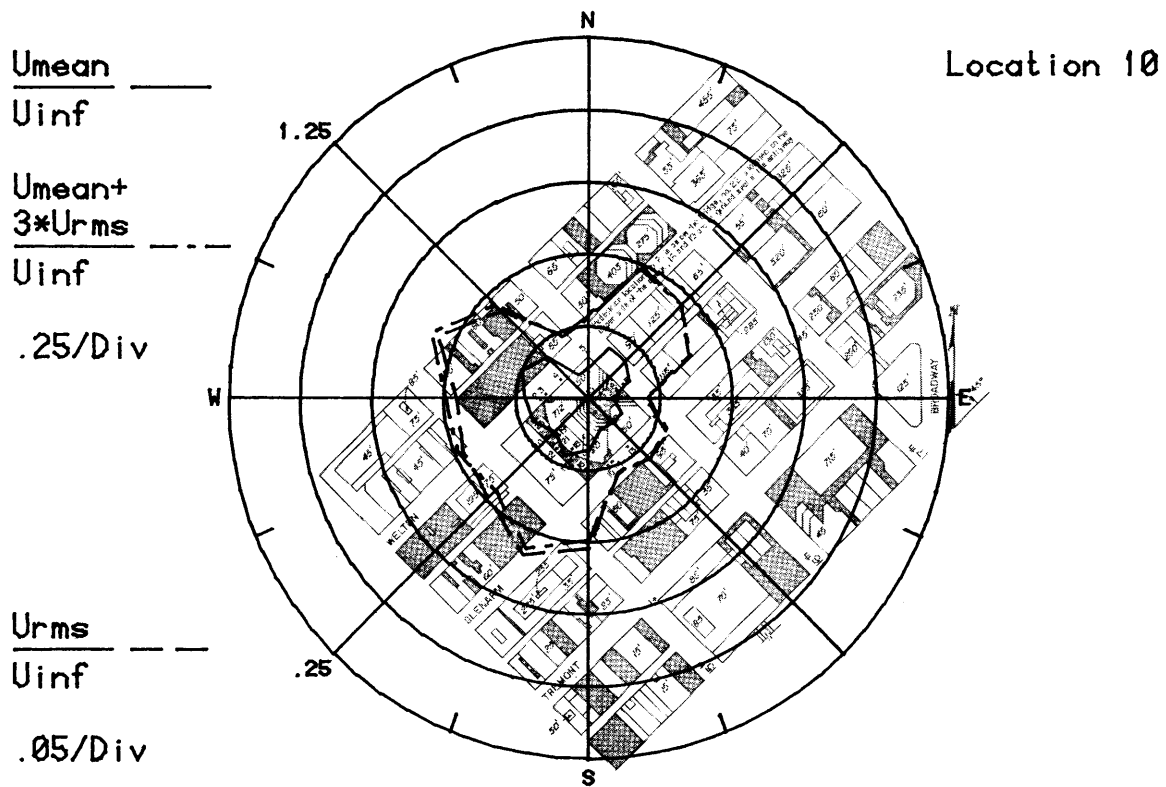
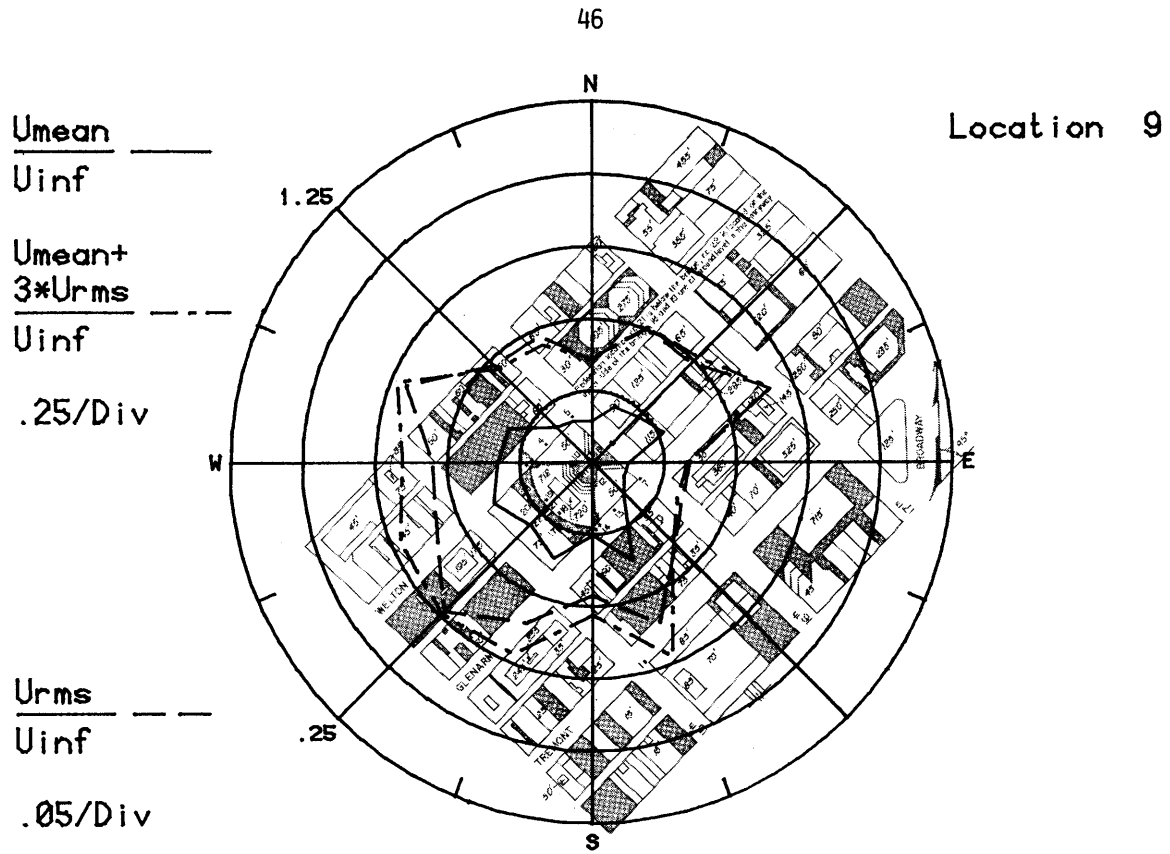


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

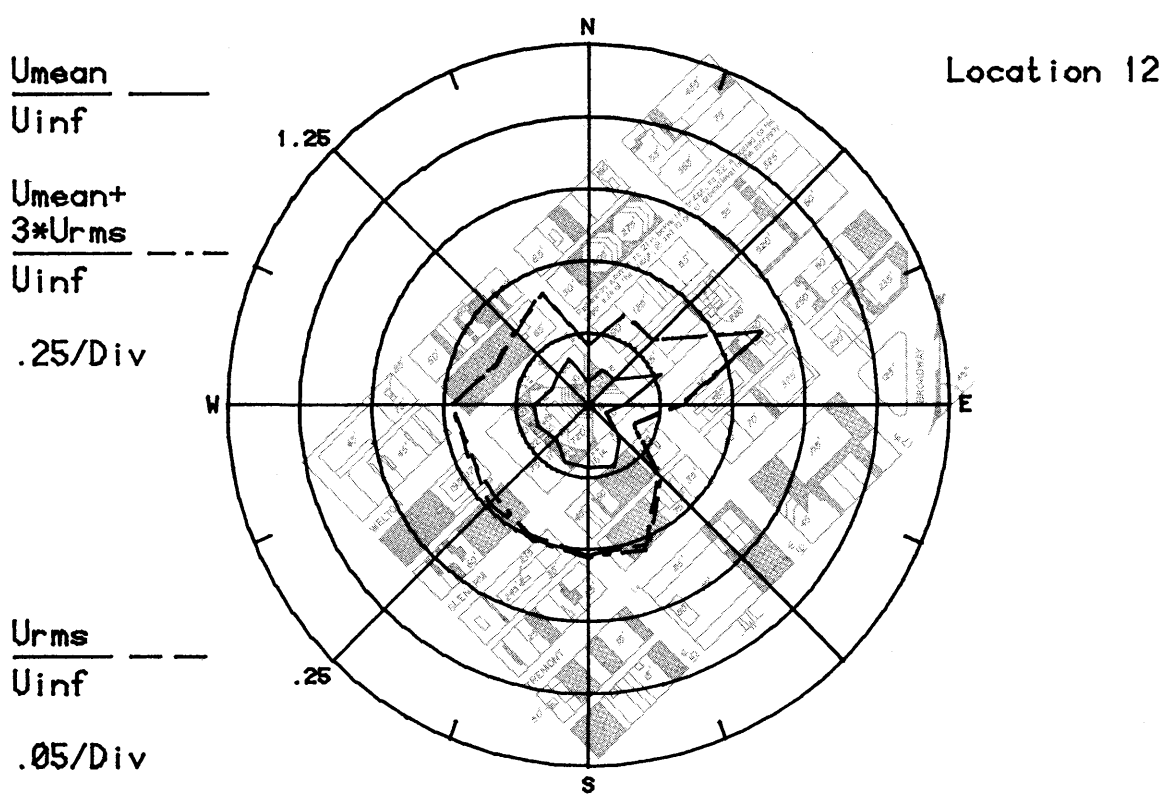
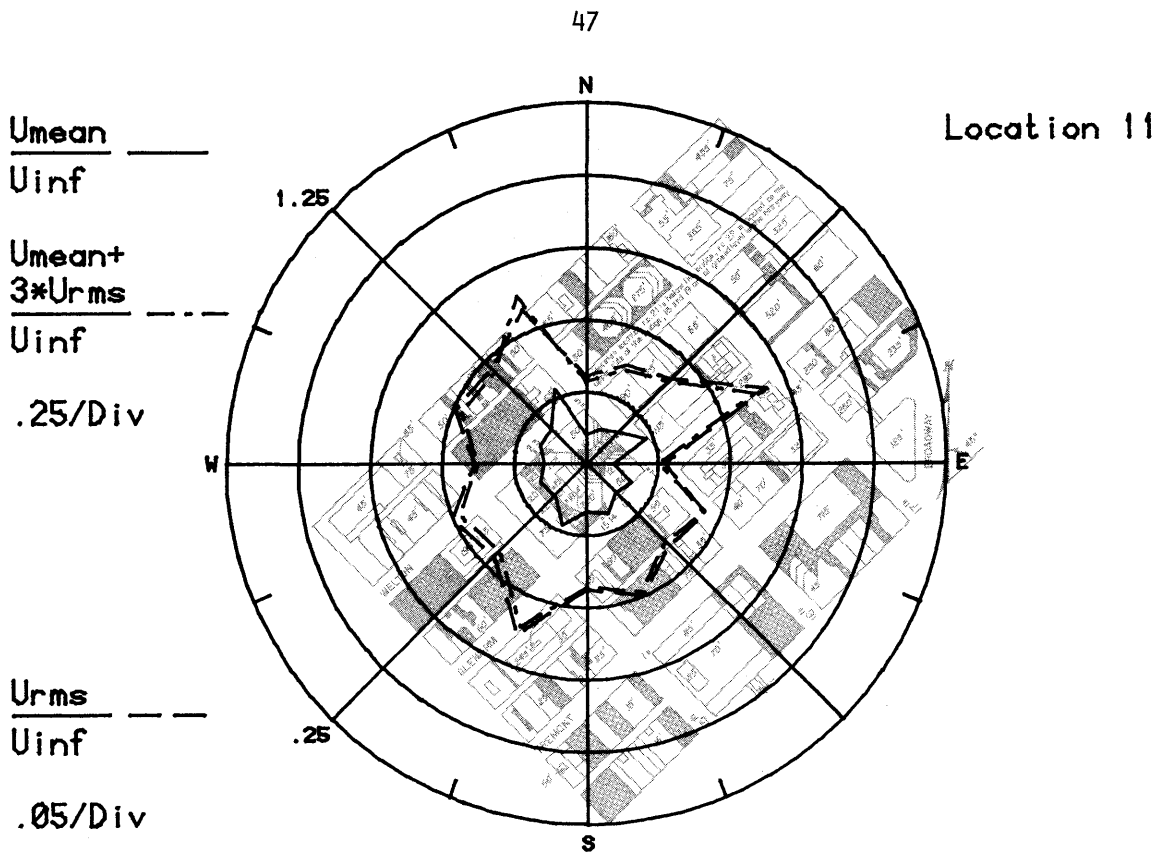


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

1.25

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25/Div

W

Location 13

E

$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25

.05/Div

S

$\frac{U_{mean}}{U_{inf}}$ ———

U_{inf}

1.25

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25/Div

W

Location 14

E

$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25

.05/Div

S

Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

Location 15

$\frac{U_{mean}}{U_{inf}}$ ———

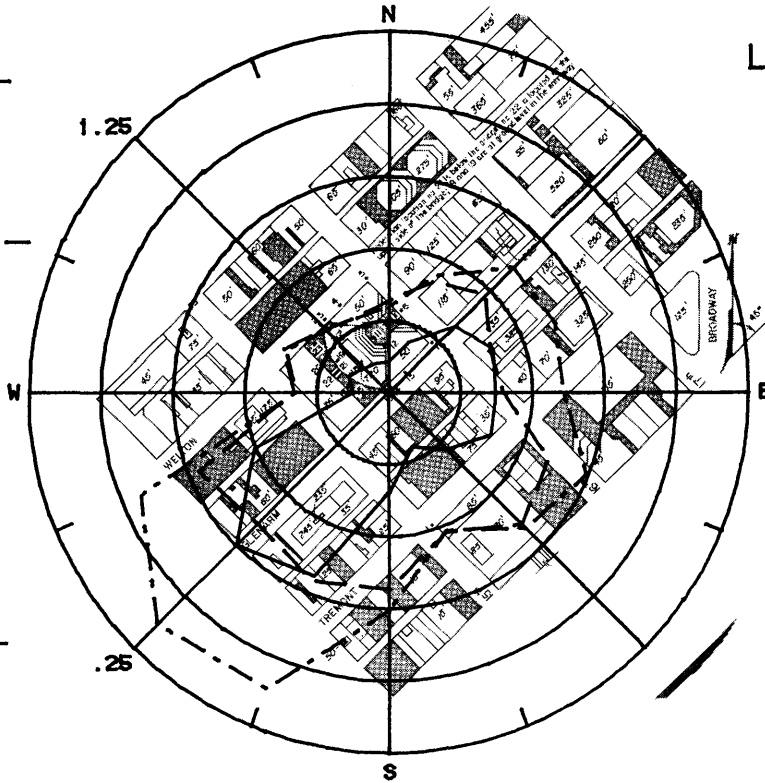
U_{inf}

1.25

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25/Div



$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.05/Div

Location 16

$\frac{U_{mean}}{U_{inf}}$ ———

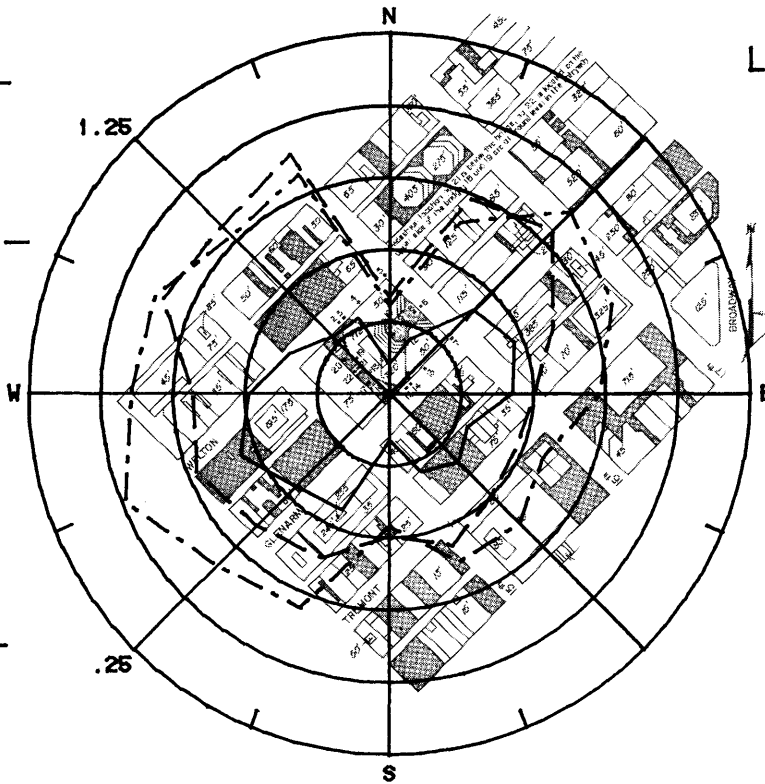
U_{inf}

1.25

$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.25/Div



$\frac{U_{rms}}{U_{inf}}$ - - - -

U_{inf}

.05/Div

Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

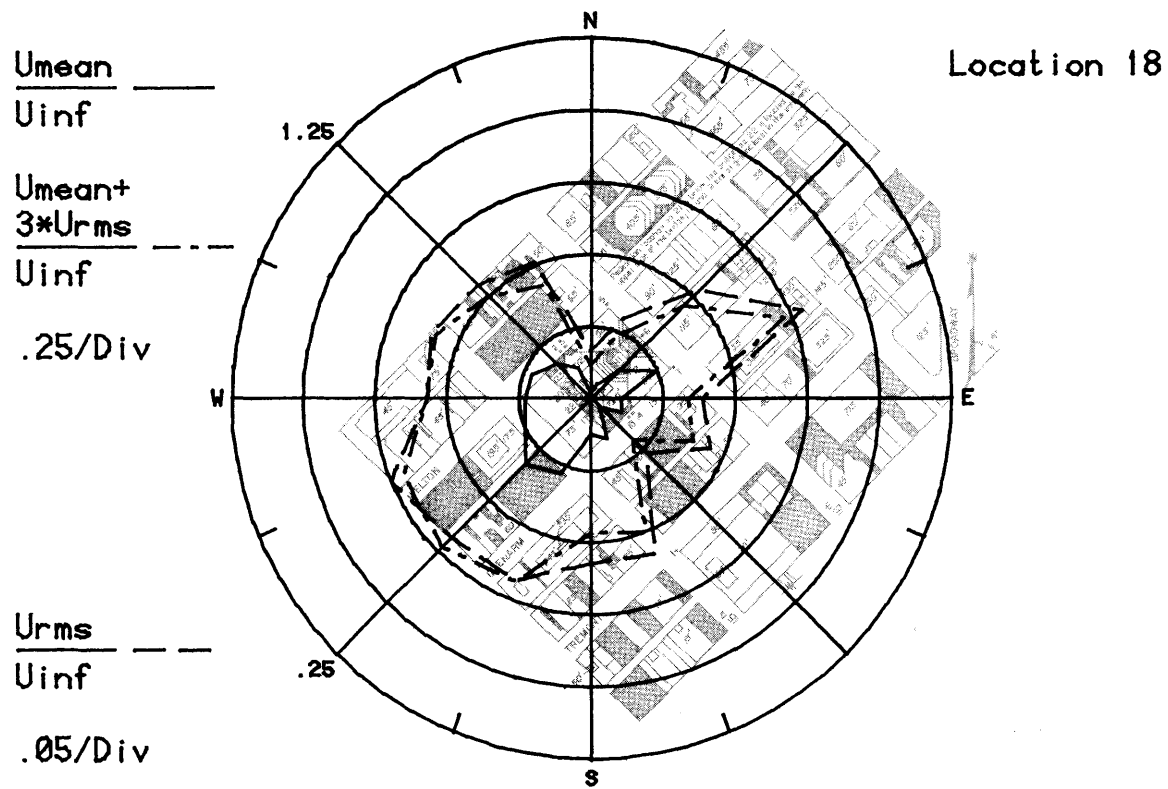
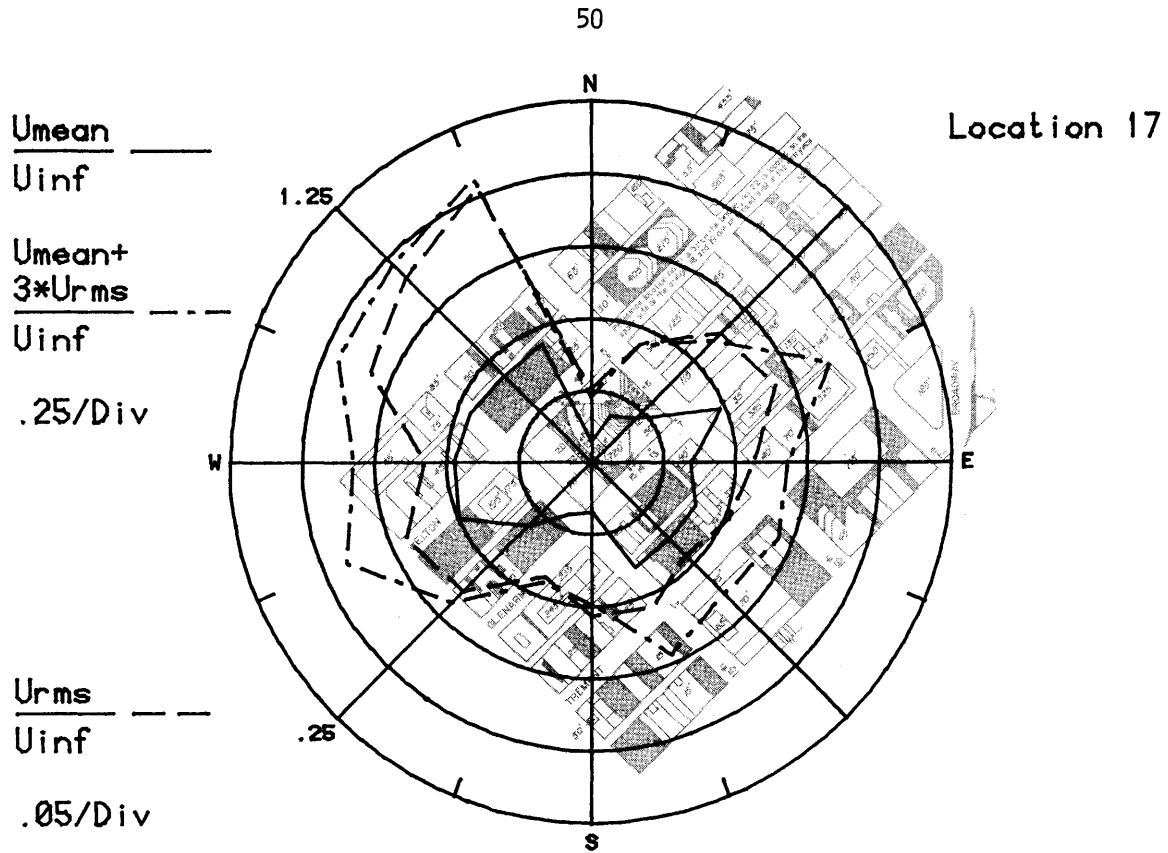


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

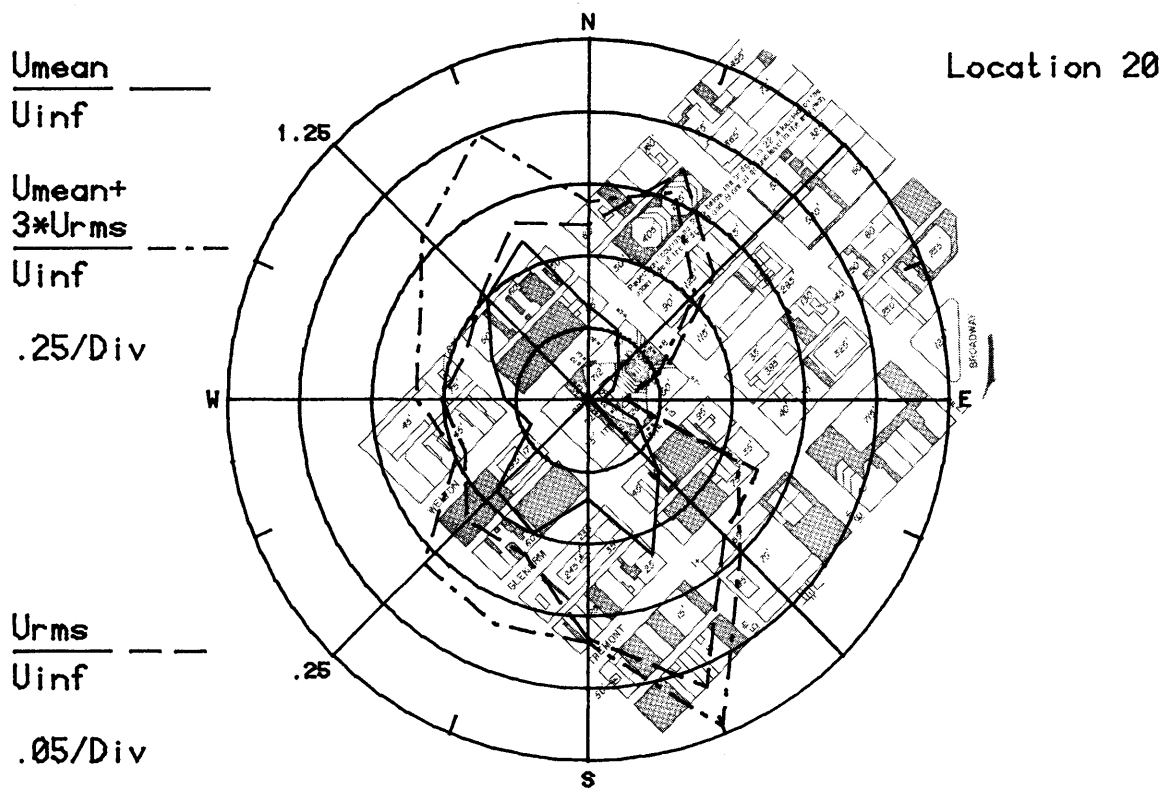
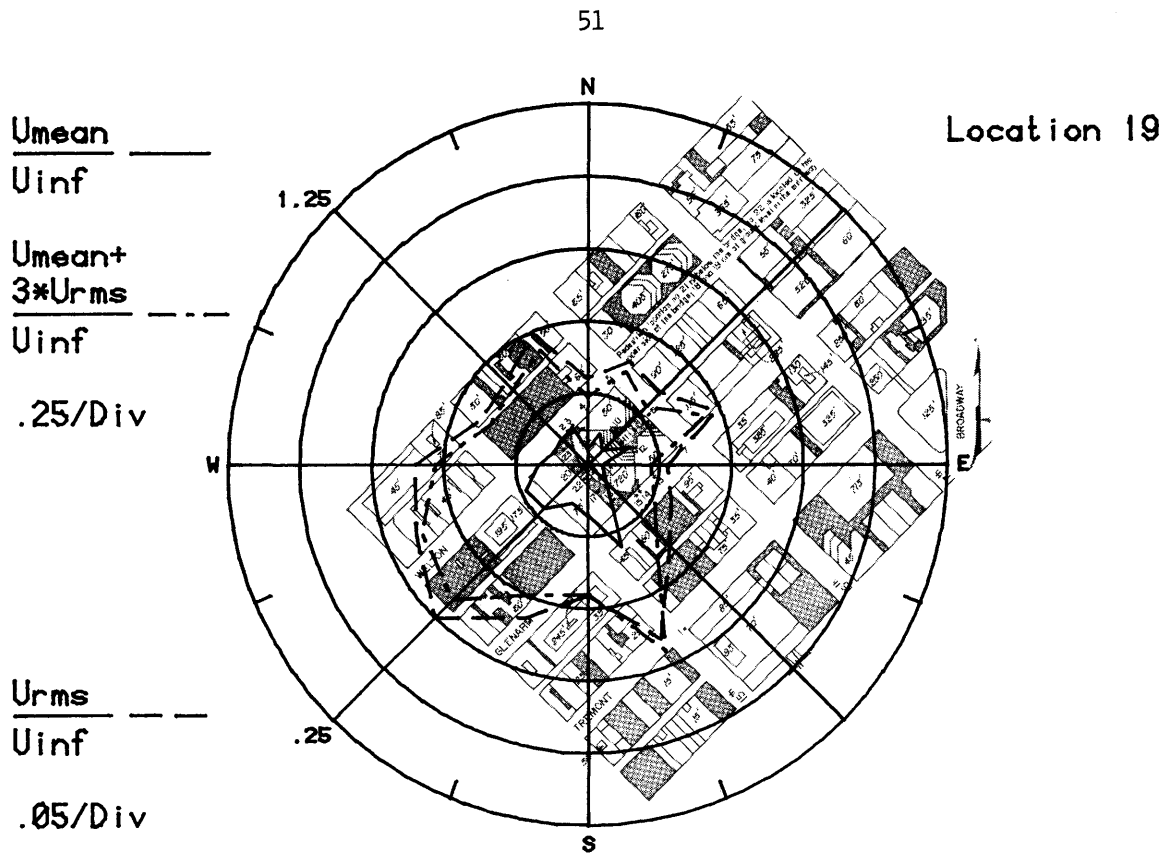


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20

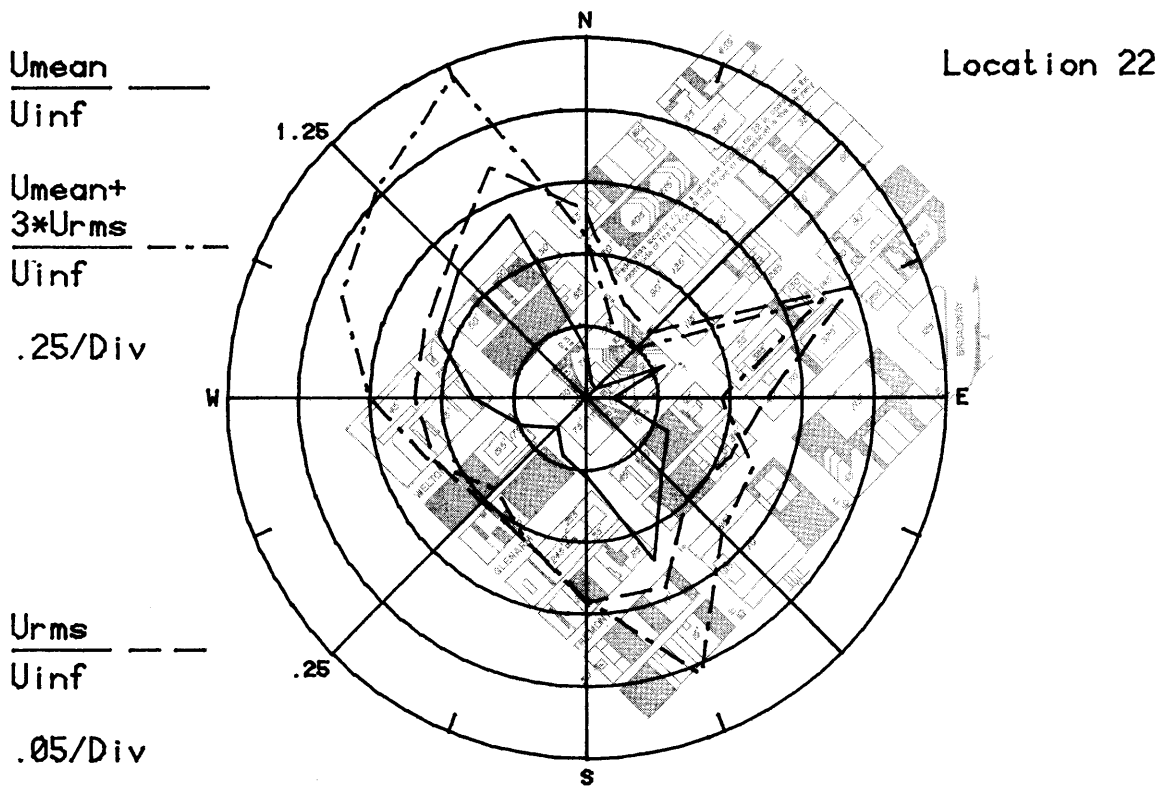
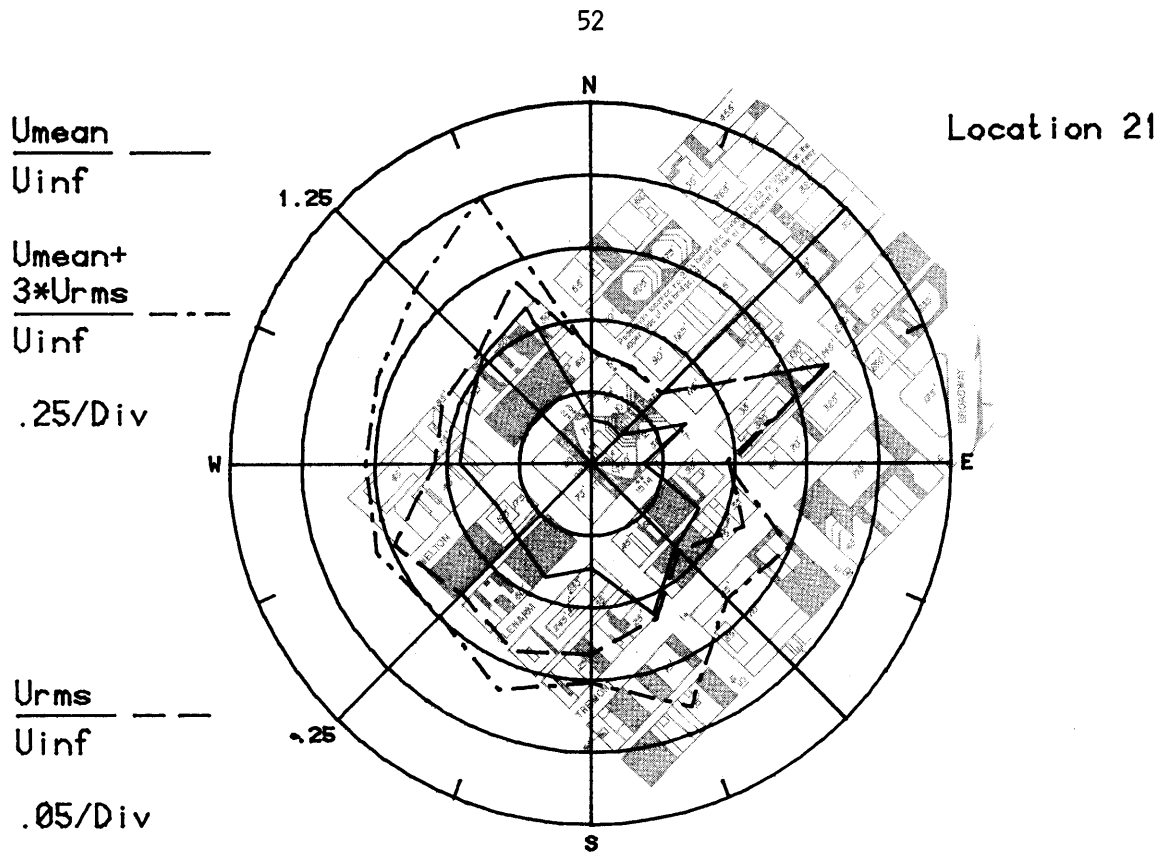


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22

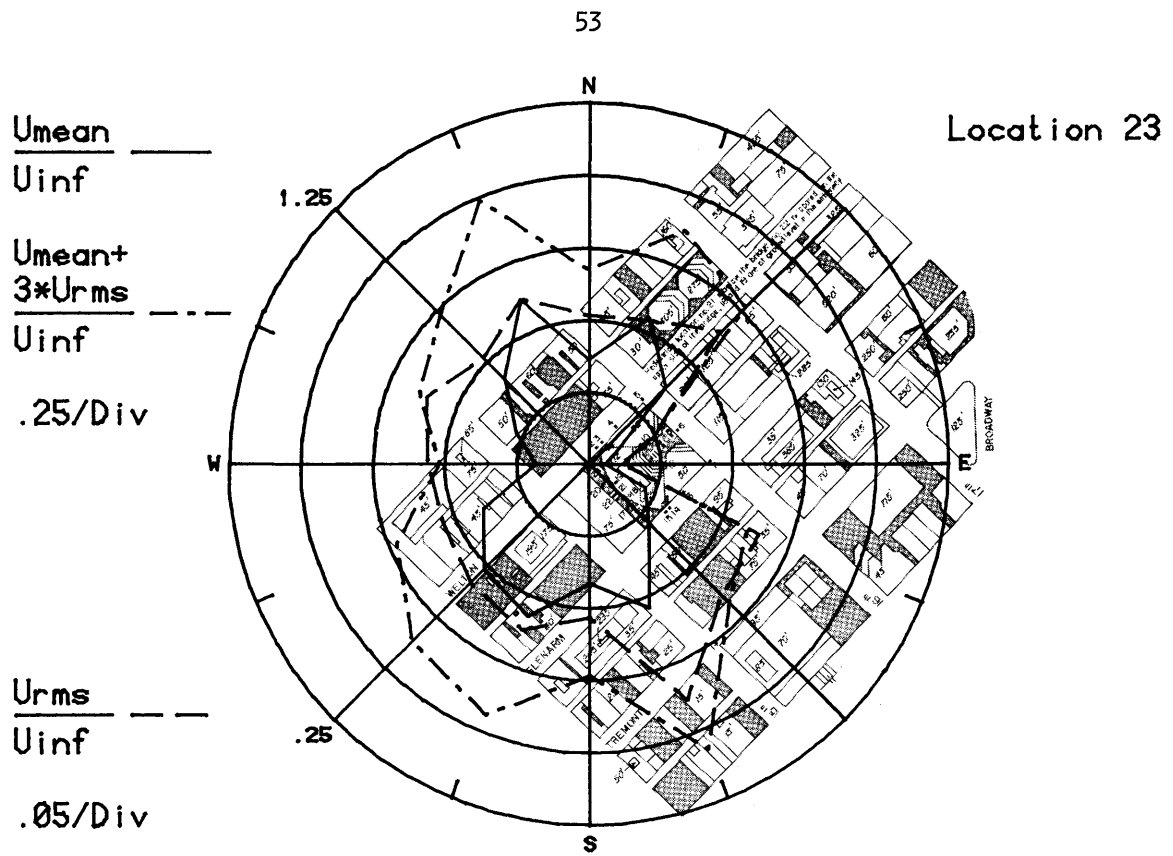


Figure 81. Mean Velocities and Turbulence Intensities at Pedestrian Location 23

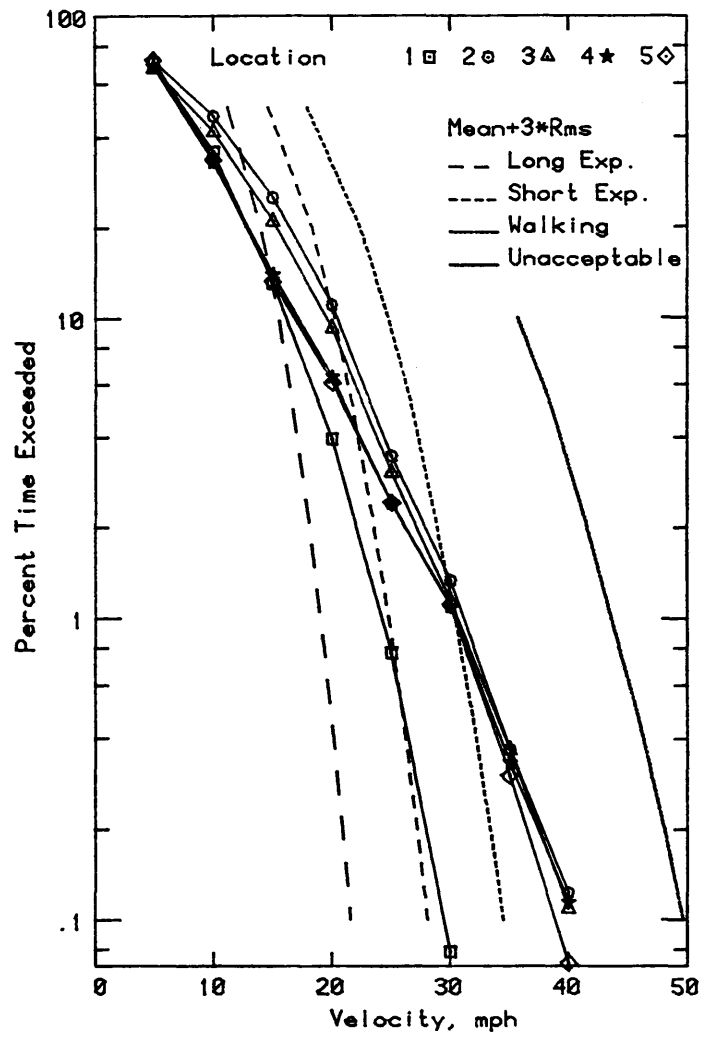
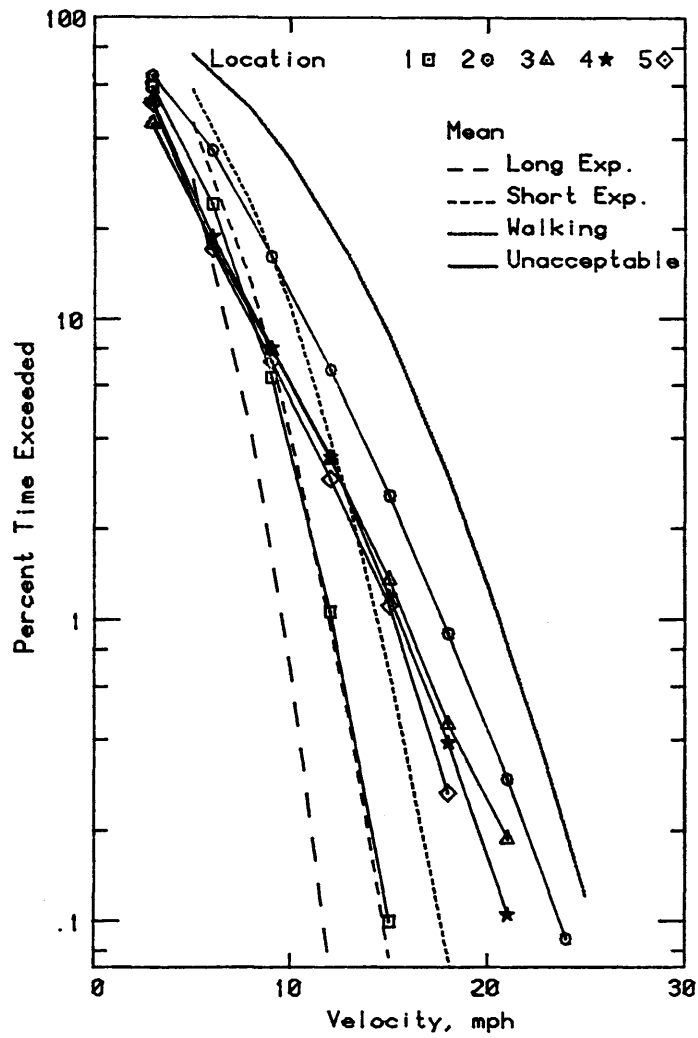


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

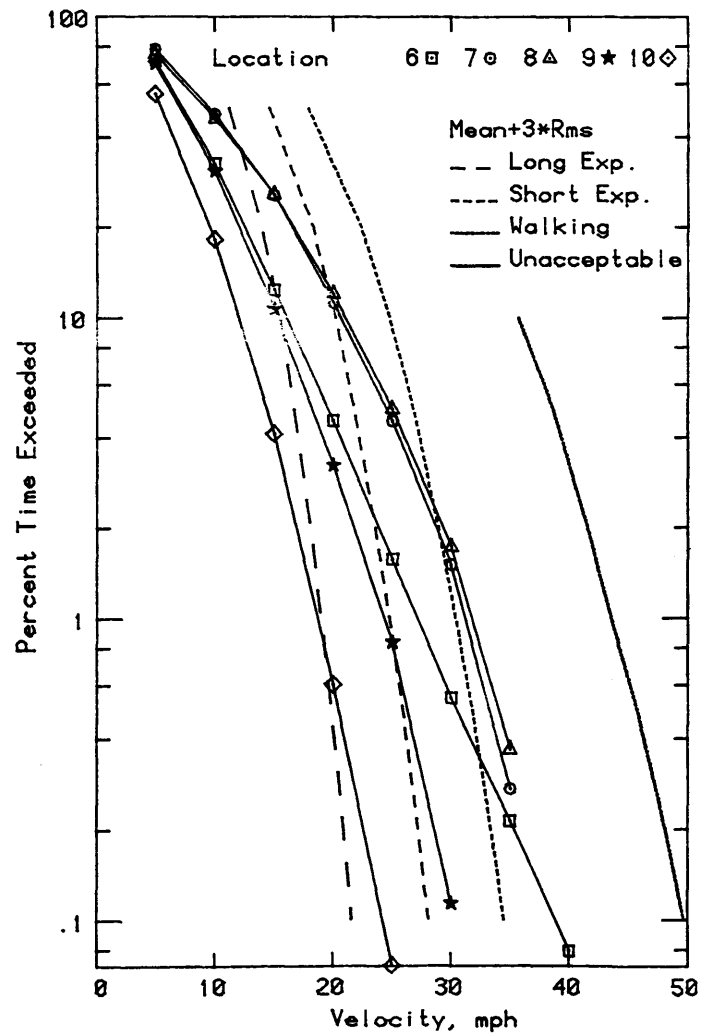
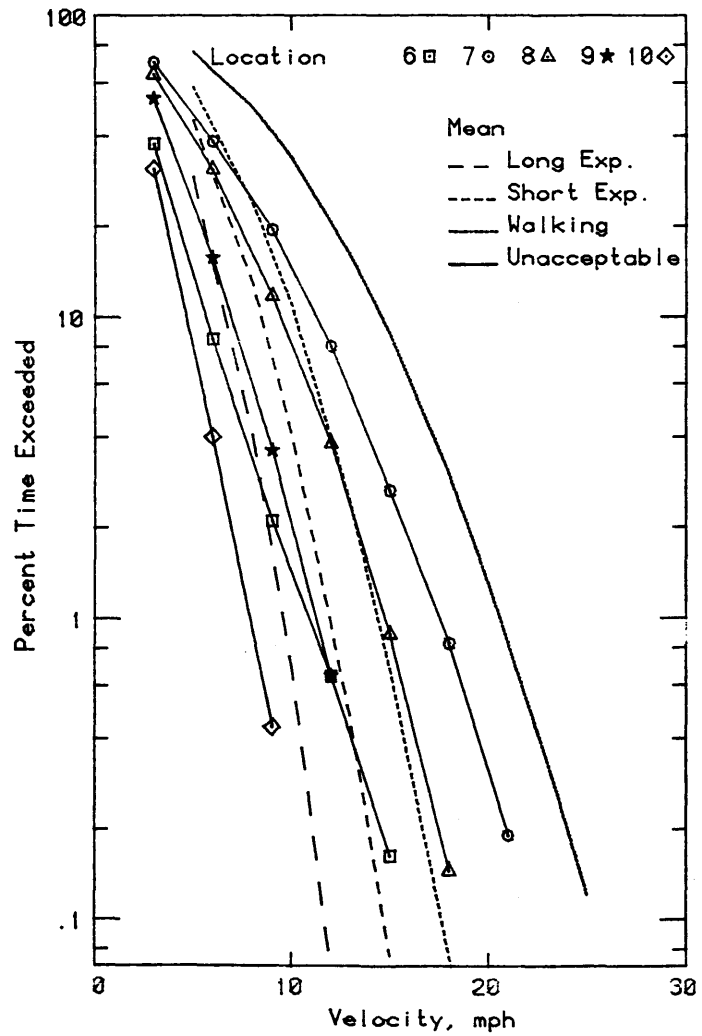


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

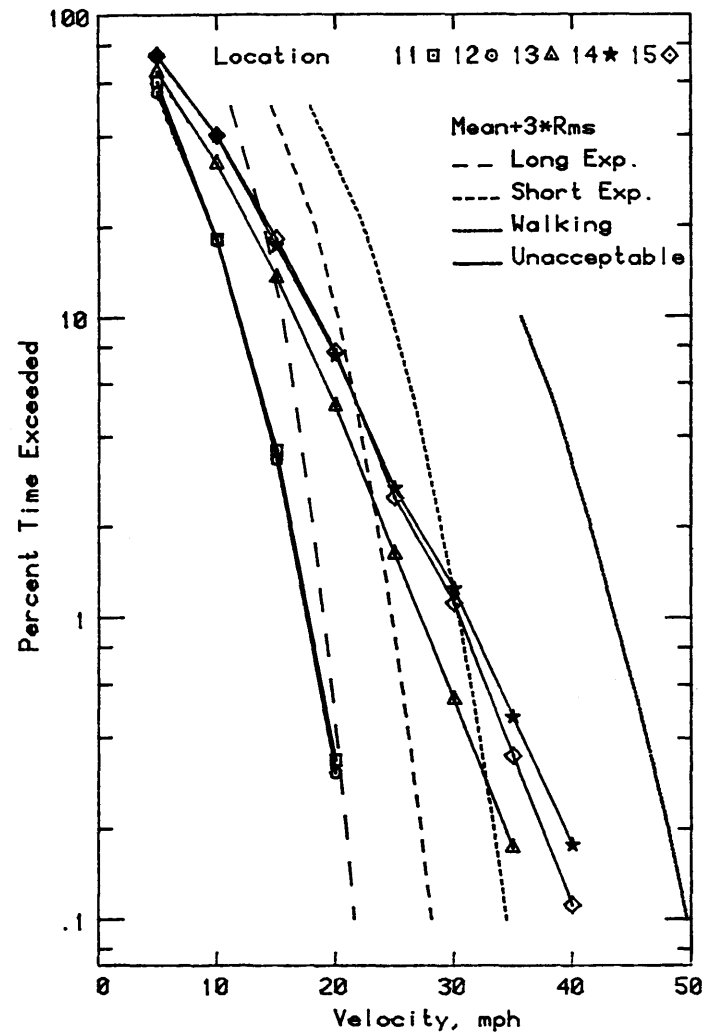
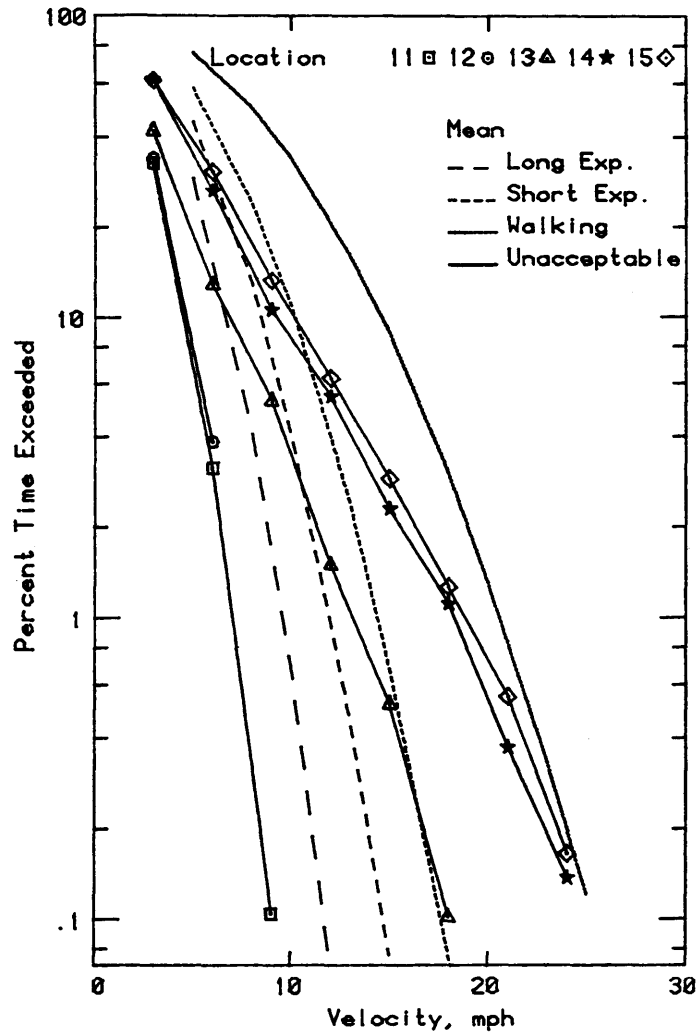


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

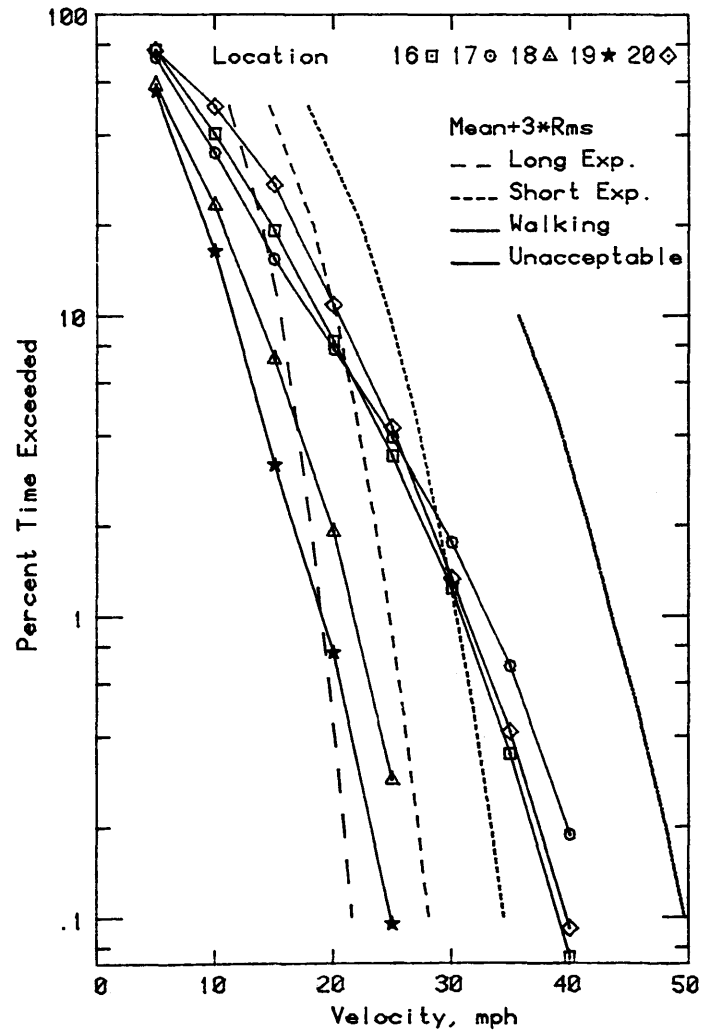
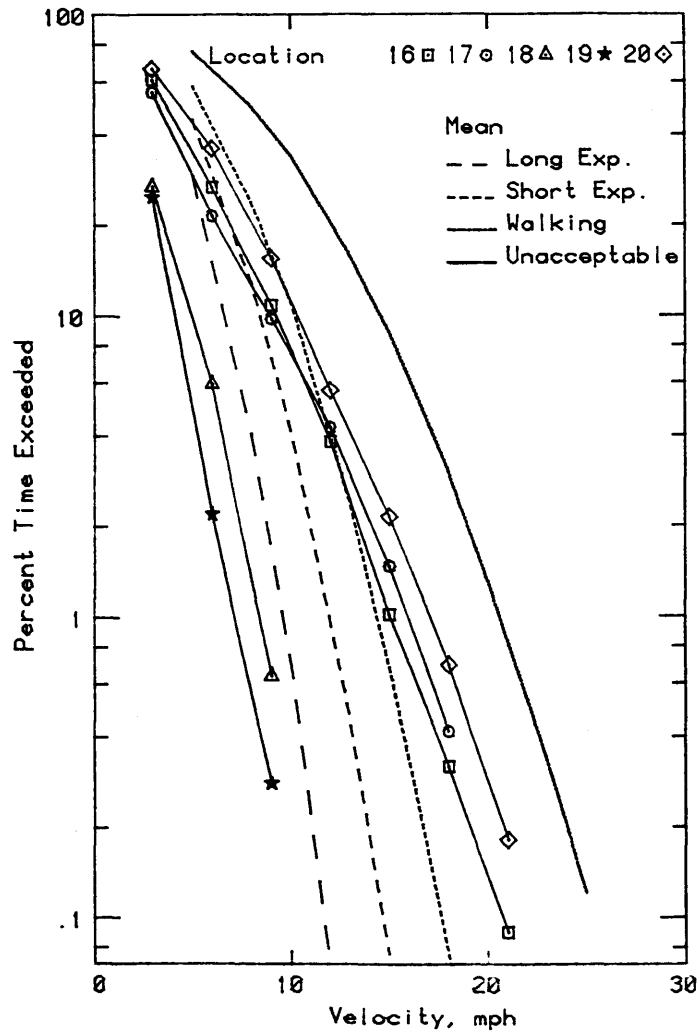


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

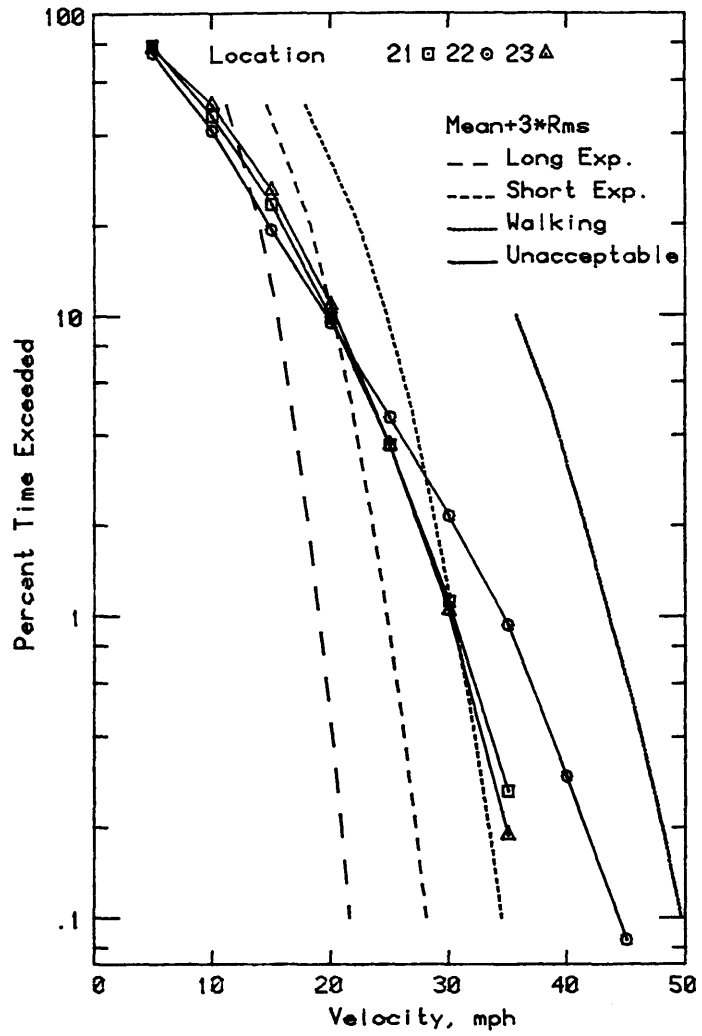
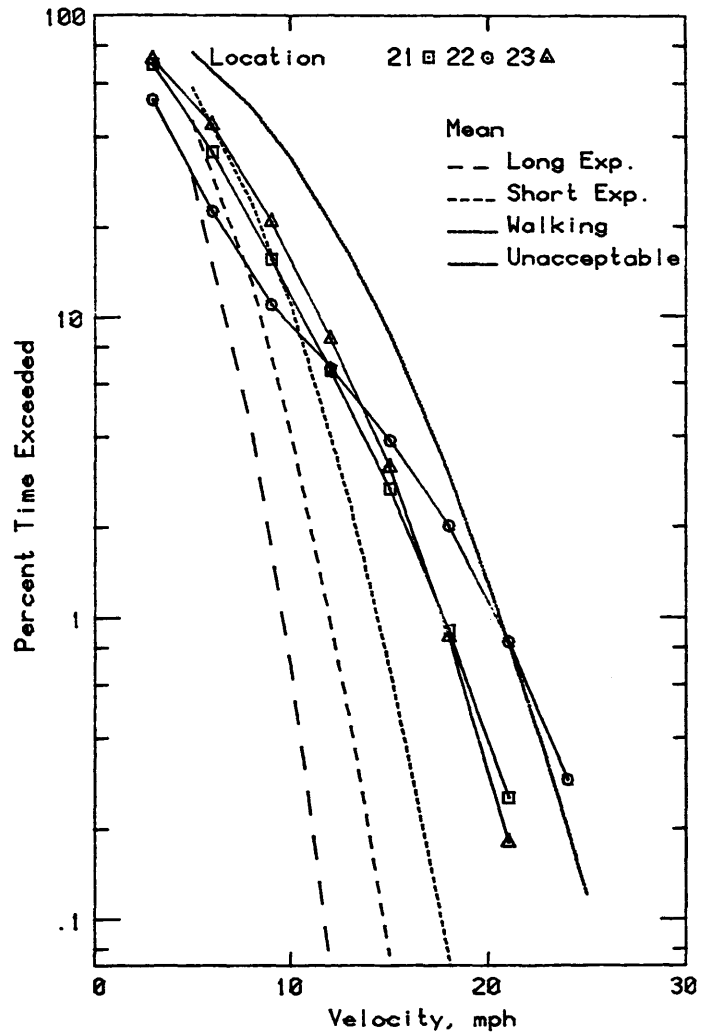
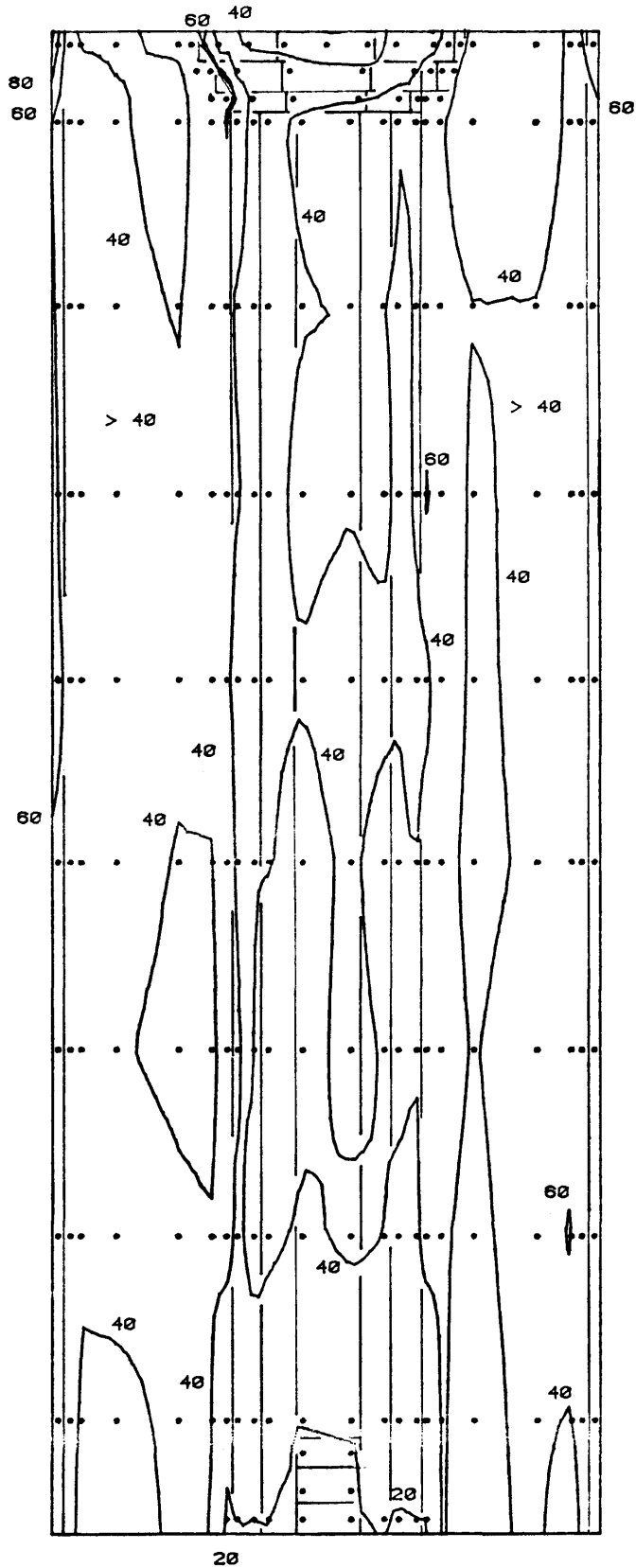


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations



NORTH ELEVATION
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 22 PSF

Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

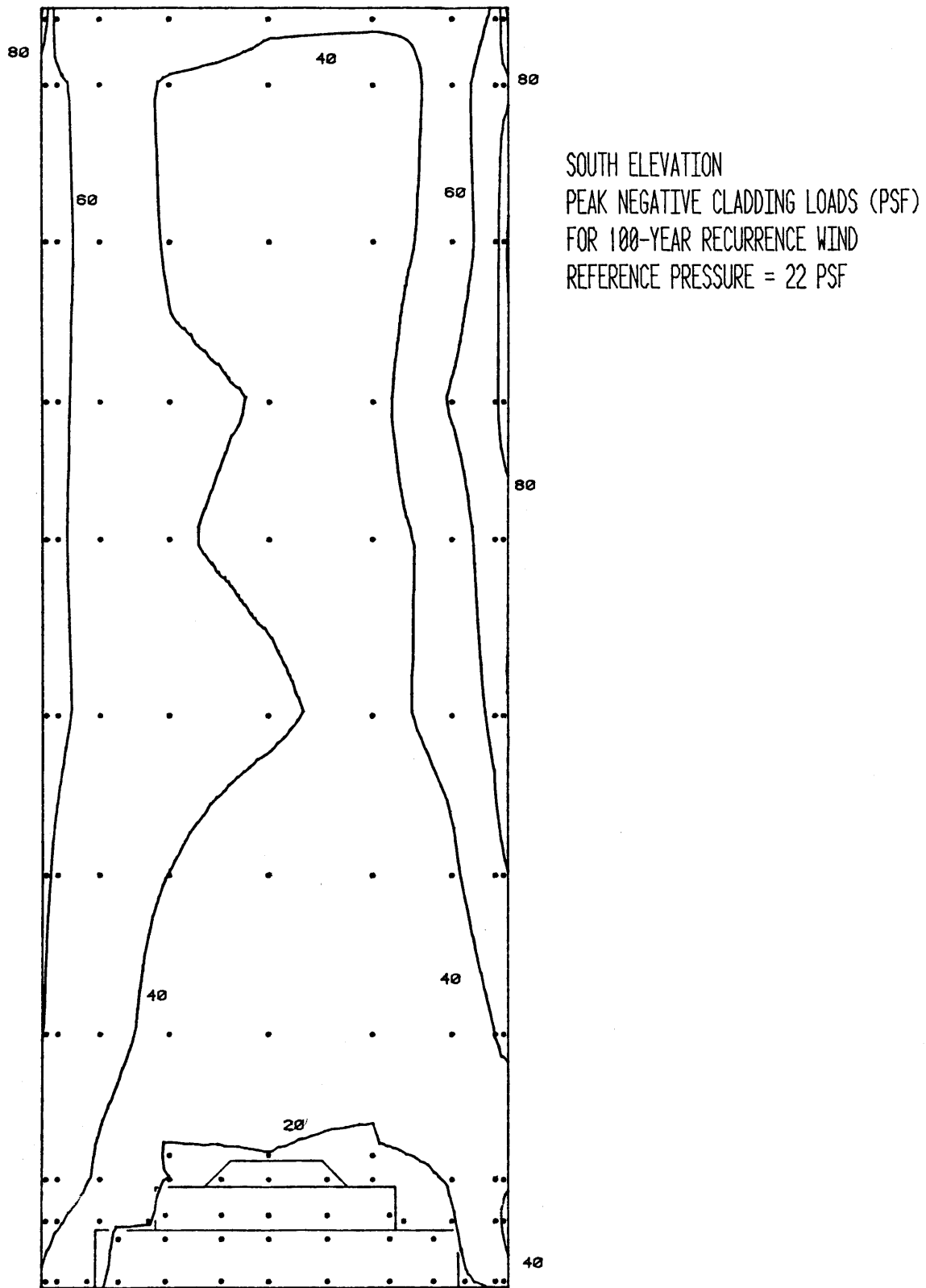
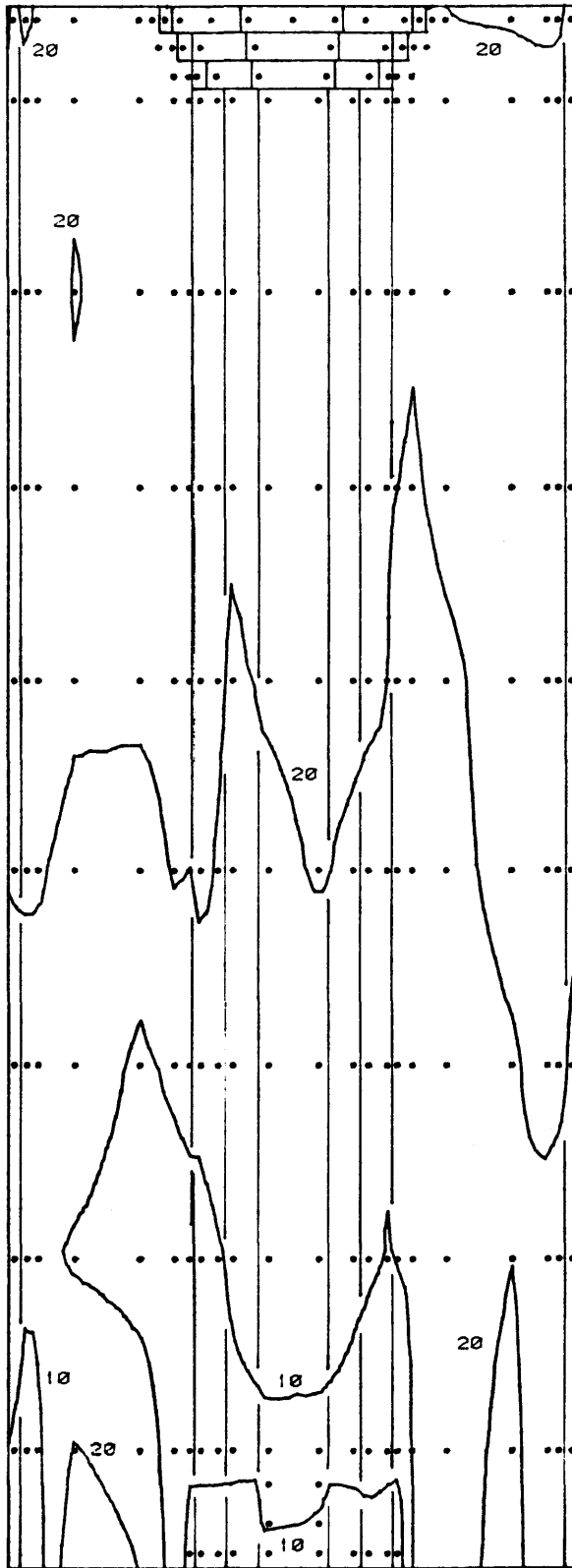
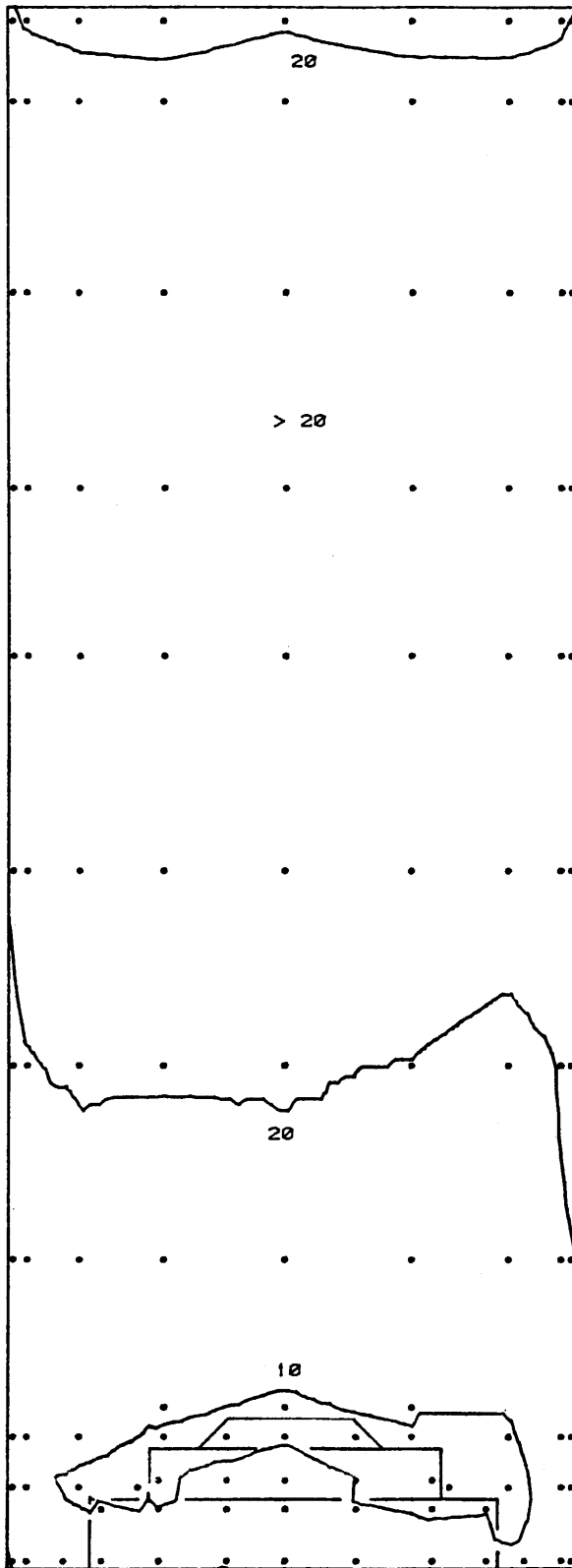


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads



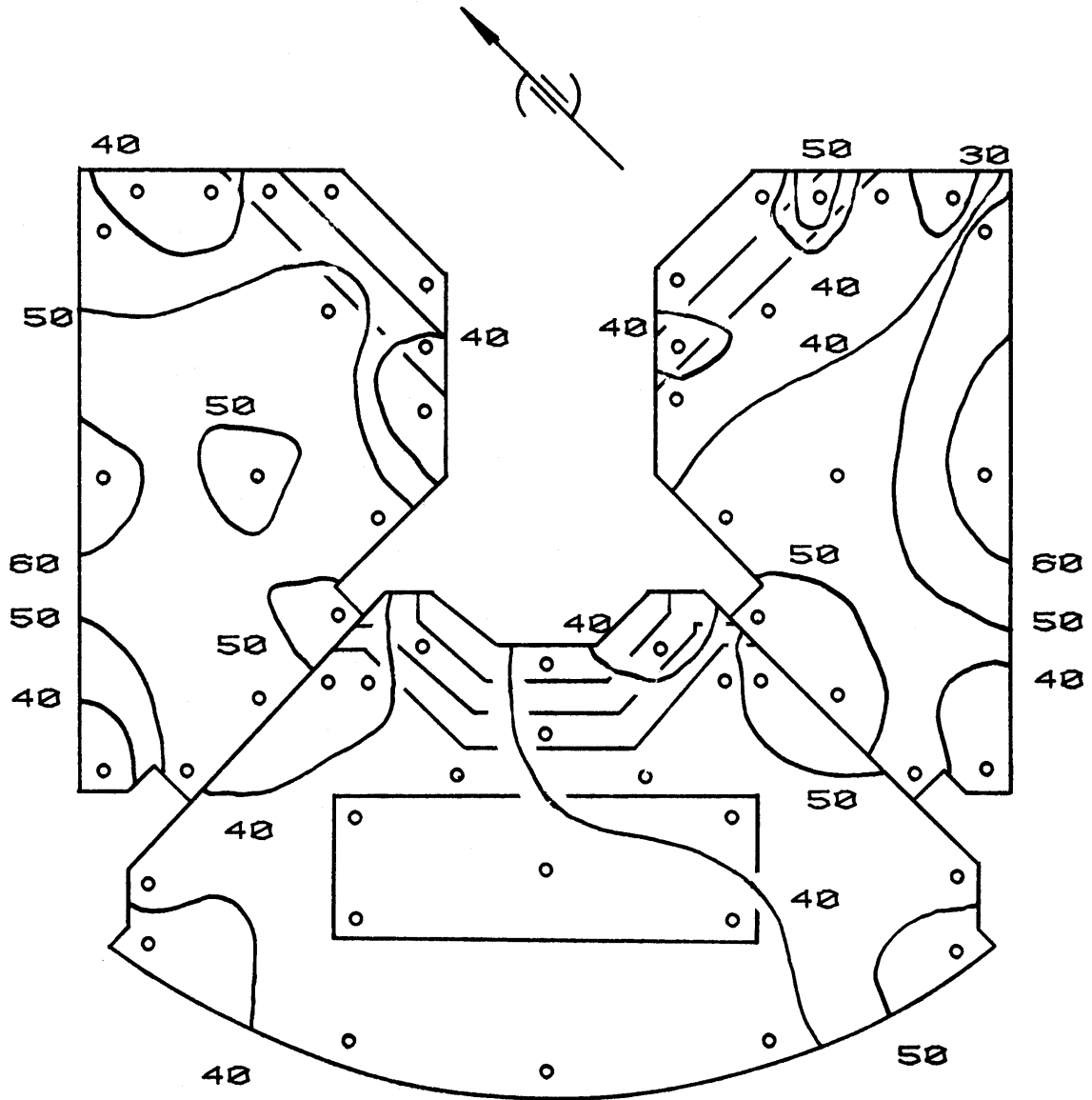
NORTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

Figure 10c. Peak Pressure Contours on the Building
for Cladding Loads



SOUTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

Figure 10d. Peak Pressure Contours on the Building
for Cladding Loads



PLAN VIEW
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 22 PSF

Figure 10e. Peak Pressure Contours on the Building
for Cladding Loads

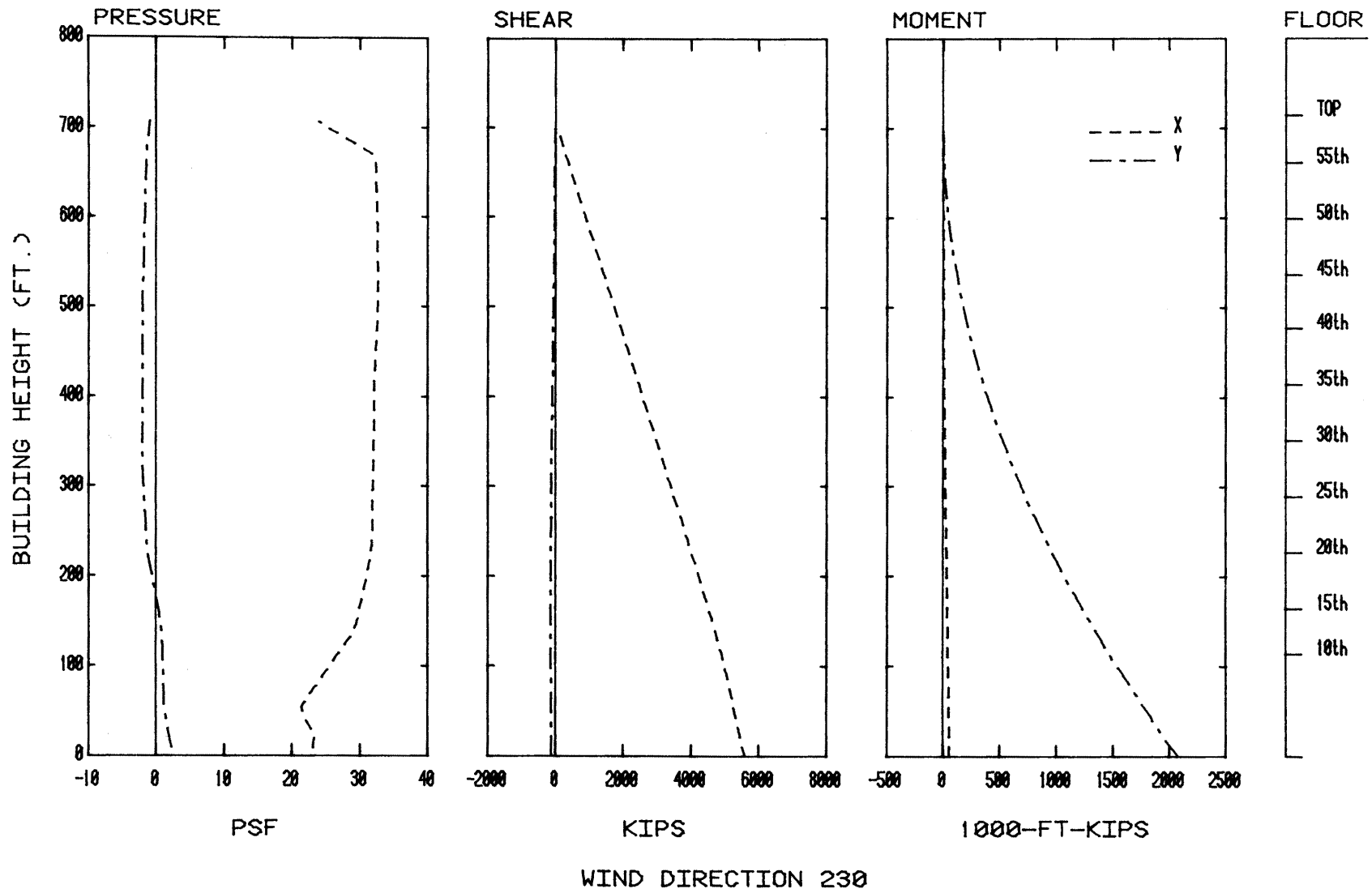


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

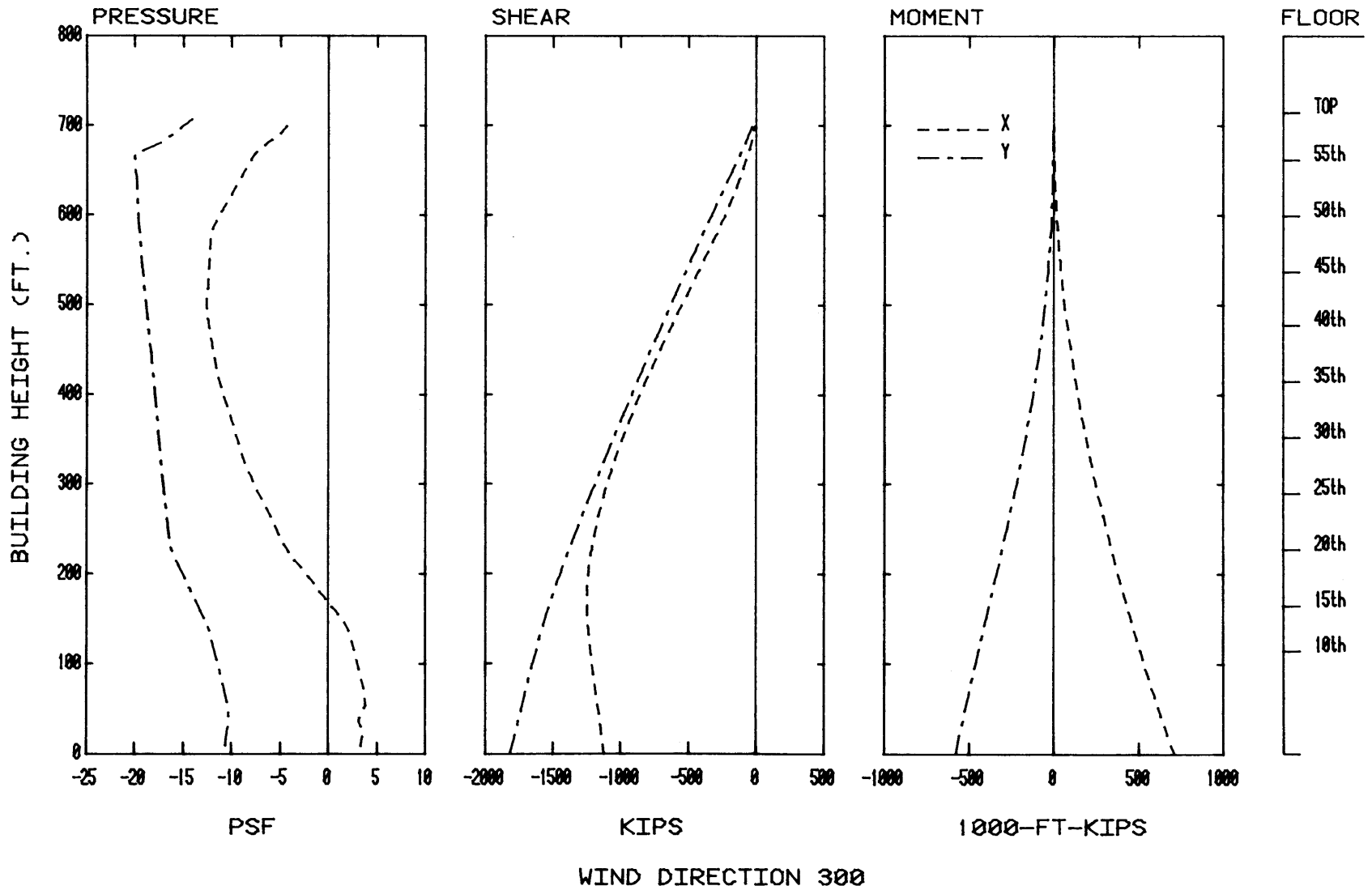


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

1. Introduction
2. Purposes for model testing
3. Procedures for conducting tests
4. Specific flow visualization scenes for

RELIANCE CENTER, DENVERHIGH PRESSURE AREAS

| <u>Run Number</u> | <u>Tap Number</u> | <u>Wind Direction</u> |
|-------------------|-------------------|-----------------------|
| 1 | 509 | 120° |
| 2 | 517, 536 | 110° |

HIGH PEDESTRIAN WIND VELOCITIES

| <u>Run Number</u> | <u>Pedestrian Location</u> | <u>Wind Direction</u> |
|-------------------|----------------------------|-----------------------|
| 3 | 15, 2 | 225° |
| 4 | 22 | 337.5° |

COOLING TOWER VENT VISUALIZATION

| <u>Run Number</u> | <u>Wind Direction</u> |
|-------------------|-----------------------|
| 5 | 0° |
| 6 | 90° |
| 7 | 180° |
| 8 | 270° |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
RELIANCE CENTER, DENVER

| LOCATION 1 | | | | LOCATION 2 | | | |
|--------------|----------------------|---------------------|-----------------------------|--------------|----------------------|---------------------|-----------------------------|
| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) | WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
| 00 | 2.4 | 7.1 | 43.7 | 00 | 3.5 | 7.7 | 53.7 |
| 2.50 | 2.2 | 7.0 | 53.7 | 2.50 | 4.0 | 9.0 | 77.3 |
| 4.50 | 2.1 | 6.3 | 46.7 | 4.50 | 3.1 | 7.7 | 53.6 |
| 6.50 | 2.0 | 5.7 | 49.2 | 6.50 | 5.9 | 4.6 | 22.8 |
| 8.50 | 2.0 | 3.1 | 14.5 | 8.50 | 3.1 | 3.1 | 15.2 |
| 10.50 | 2.9 | 5.5 | 26.1 | 10.50 | 6.6 | 4.6 | 32.2 |
| 12.50 | 2.0 | 11.6 | 54.9 | 12.50 | 8.8 | 7.0 | 34.9 |
| 14.50 | 4.0 | 10.5 | 73.8 | 14.50 | 13.8 | 16.6 | 77.9 |
| 16.50 | 3.5 | 11.7 | 71.0 | 16.50 | 33.1 | 14.9 | 78.2 |
| 18.50 | 3.3 | 11.4 | 64.7 | 18.50 | 28.1 | 15.5 | 105.6 |
| 20.50 | 3.0 | 11.4 | 55.3 | 20.50 | 59.2 | 15.0 | 117.4 |
| 22.50 | 1.9 | 12.3 | 55.0 | 22.50 | 72.2 | 17.4 | 103.8 |
| 24.50 | 1.9 | 12.3 | 55.0 | 24.50 | 51.1 | 13.8 | 64.9 |
| 26.50 | 1.9 | 11.6 | 55.0 | 26.50 | 33.4 | 10.7 | 51.3 |
| 28.50 | 1.9 | 12.7 | 66.7 | 28.50 | 19.4 | 11.5 | 72.9 |
| 30.50 | 3.5 | 10.9 | 55.3 | 30.50 | 3.4 | 11.2 | 83.1 |
| 32.50 | 4.4 | 10.3 | 55.5 | 32.50 | | | |

| LOCATION 3 | | | | LOCATION 4 | | | |
|--------------|----------------------|---------------------|-----------------------------|--------------|----------------------|---------------------|-----------------------------|
| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) | WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
| 00 | 12.7 | 10.2 | 43.2 | 00 | 17.5 | 5.8 | 34.9 |
| 2.50 | 32.9 | 15.6 | 79.6 | 2.50 | 30.0 | 10.2 | 60.8 |
| 4.50 | 19.4 | 15.7 | 66.5 | 4.50 | 22.2 | 6.7 | 42.4 |
| 6.50 | 3.3 | 4.6 | 17.1 | 6.50 | 13.9 | 5.3 | 29.9 |
| 8.50 | 1.1 | 3.3 | 11.5 | 8.50 | 11.2 | 5.1 | 26.4 |
| 10.50 | 6.4 | 5.8 | 21.7 | 10.50 | 20.0 | 7.6 | 42.8 |
| 12.50 | 6.6 | 6.7 | 26.6 | 12.50 | 21.3 | 9.4 | 49.5 |
| 14.50 | 5.6 | 8.5 | 35.5 | 14.50 | 20.0 | 10.5 | 52.5 |
| 16.50 | 17.7 | 17.4 | 55.0 | 16.50 | 20.2 | 11.1 | 53.4 |
| 18.50 | 5.9 | 16.6 | 55.0 | 18.50 | 58.8 | 17.8 | 111.4 |
| 20.50 | 4.4 | 16.6 | 55.0 | 20.50 | 58.8 | 18.3 | 113.7 |
| 22.50 | 3.6 | 17.7 | 104.7 | 22.50 | 33.3 | 14.4 | 79.7 |
| 24.50 | 3.9 | 19.9 | 97.3 | 24.50 | 33.3 | 12.9 | 67.9 |
| 26.50 | 1.6 | 14.7 | 66.8 | 26.50 | 21.1 | 9.4 | 49.8 |
| 28.50 | 6.7 | 7.7 | 32.8 | 28.50 | 18.2 | 8.0 | 43.2 |
| 30.50 | 10.2 | 8.9 | 36.8 | 30.50 | 16.9 | 7.8 | 40.4 |
| 32.50 | 2.6 | 12.4 | 69.3 | 32.50 | | | |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 RELIANCE CENTER, DENVER

| LOCATION 5 | | | | LOCATION 6 | | | |
|--------------|----------------------|---------------------|-----------------------------|--------------|----------------------|---------------------|-----------------------------|
| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) | WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
| 0 00 | 13.3 | 7.2 | 34.8 | 0 00 | 11.7 | 8.9 | 38.6 |
| 2 2 50 | 27.7 | 12.8 | 64.9 | 22 50 | 24.8 | 13.3 | 64.6 |
| 4 4 50 | 10.0 | 5.3 | 26.7 | 45 00 | 26.0 | 12.9 | 64.7 |
| 6 6 50 | 30.4 | 10.8 | 57.2 | 67 50 | 50.6 | 15.9 | 98.3 |
| 8 8 50 | 10.0 | 10.7 | 90.0 | 90 00 | 24.7 | 12.6 | 62.5 |
| 11 12 50 | 30.4 | 8.6 | 50.3 | 112 50 | 9.2 | 7.9 | 33.0 |
| 13 13 50 | 30.4 | 12.2 | 75.7 | 135 00 | 24.1 | 15.0 | 69.0 |
| 15 15 50 | 30.4 | 17.2 | 106.2 | 157 50 | 23.3 | 15.7 | 70.3 |
| 18 00 00 | 17.7 | 9.9 | 46.6 | 180 00 | 11.4 | 10.0 | 41.5 |
| 20 02 50 | 21.1 | 12.4 | 58.9 | 202 50 | 28.1 | 16.1 | 68.5 |
| 22 25 50 | 44.9 | 19.7 | 108.6 | 225 00 | 39.8 | 26.3 | 118.4 |
| 24 47 50 | 36.6 | 16.7 | 87.2 | 247 50 | 27.8 | 19.1 | 85.1 |
| 27 00 00 | 40.3 | 13.6 | 82.9 | 270 00 | 18.6 | 12.9 | 57.3 |
| 29 02 50 | 40.3 | 11.9 | 78.1 | 292 50 | 14.9 | 11.5 | 49.4 |
| 31 15 50 | 24.4 | 11.5 | 58.8 | 315 00 | 16.4 | 9.6 | 45.1 |
| 33 17 50 | 15.0 | 7.5 | 37.9 | 337 50 | 12.7 | 7.4 | 34.8 |

| LOCATION 7 | | | | LOCATION 8 | | | |
|--------------|----------------------|---------------------|-----------------------------|--------------|----------------------|---------------------|-----------------------------|
| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) | WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
| 0 00 | 18.6 | 7.1 | 40.1 | 0 00 | 14.8 | 6.3 | 33.6 |
| 2 2 50 | 36.0 | 9.0 | 63.0 | 22 50 | 23.6 | 9.4 | 51.8 |
| 4 4 50 | 19.9 | 8.9 | 46.6 | 45 00 | 27.3 | 9.5 | 55.7 |
| 6 6 50 | 18.9 | 8.8 | 45.5 | 67 50 | 29.2 | 11.8 | 64.6 |
| 8 8 50 | 20.0 | 10.0 | 50.0 | 90 00 | 13.9 | 6.4 | 33.1 |
| 11 12 50 | 15.4 | 5.9 | 33.3 | 112 50 | 13.4 | 7.6 | 36.2 |
| 13 13 50 | 33.3 | 9.6 | 61.7 | 135 00 | 23.0 | 12.7 | 61.1 |
| 15 15 50 | 33.3 | 13.7 | 92.5 | 157 50 | 50.6 | 16.6 | 100.3 |
| 18 00 00 | 46.1 | 13.3 | 86.0 | 180 00 | 39.3 | 16.6 | 89.2 |
| 20 02 50 | 57.4 | 15.9 | 105.0 | 202 50 | 46.3 | 19.6 | 105.0 |
| 22 25 50 | 33.3 | 16.0 | 84.2 | 225 00 | 36.9 | 19.3 | 94.6 |
| 24 47 50 | 36.6 | 16.6 | 76.3 | 247 50 | 39.7 | 14.3 | 82.4 |
| 27 00 00 | 36.6 | 14.4 | 72.7 | 270 00 | 37.6 | 14.3 | 80.6 |
| 29 02 50 | 36.6 | 11.9 | 65.7 | 292 50 | 42.4 | 14.2 | 84.9 |
| 31 15 50 | 49.4 | 10.9 | 82.6 | 315 00 | 30.9 | 13.4 | 71.0 |
| 33 17 50 | 43.7 | 8.8 | 70.6 | 337 50 | 14.3 | 8.5 | 39.8 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 RELIANCE CENTER, DENVER

LOCATION 9

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 14.5 | 7.2 | 35.9 |
| 22.50 | 20.7 | 10.0 | 50.7 |
| 45.00 | 22.4 | 9.7 | 51.6 |
| 67.50 | 27.0 | 13.3 | 67.0 |
| 90.00 | 12.5 | 6.7 | 32.8 |
| 112.50 | 11.7 | 6.7 | 31.8 |
| 135.00 | 15.3 | 8.1 | 39.4 |
| 157.50 | 36.6 | 12.1 | 72.9 |
| 180.00 | 25.4 | 9.3 | 53.1 |
| 202.50 | 35.7 | 12.0 | 71.9 |
| 225.00 | 30.3 | 14.6 | 74.0 |
| 247.50 | 36.7 | 11.7 | 71.8 |
| 270.00 | 32.4 | 11.0 | 65.4 |
| 292.50 | 30.8 | 13.9 | 72.6 |
| 315.00 | 17.3 | 9.5 | 45.8 |
| 337.50 | 15.8 | 9.4 | 44.1 |

LOCATION 10

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 10.4 | 5.7 | 27.4 |
| 22.50 | 18.7 | 9.8 | 48.1 |
| 45.00 | 18.1 | 9.2 | 45.7 |
| 67.50 | 15.7 | 7.6 | 38.6 |
| 90.00 | 8.6 | 4.0 | 20.7 |
| 112.50 | 12.9 | 5.8 | 30.5 |
| 135.00 | 11.9 | 6.0 | 29.8 |
| 157.50 | 11.3 | 5.5 | 27.8 |
| 180.00 | 17.9 | 10.4 | 49.2 |
| 202.50 | 21.2 | 11.8 | 56.5 |
| 225.00 | 16.1 | 9.8 | 45.4 |
| 247.50 | 20.6 | 9.4 | 48.9 |
| 270.00 | 22.0 | 9.1 | 49.4 |
| 292.50 | 25.0 | 11.3 | 58.9 |
| 315.00 | 20.0 | 8.4 | 45.3 |
| 337.50 | 8.8 | 4.7 | 22.9 |

LOCATION 11

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 10.2 | 6.1 | 28.5 |
| 22.50 | 12.8 | 7.4 | 35.0 |
| 45.00 | 15.4 | 8.3 | 40.3 |
| 67.50 | 22.7 | 13.5 | 63.3 |
| 90.00 | 9.1 | 5.4 | 25.4 |
| 112.50 | 17.2 | 9.0 | 44.1 |
| 135.00 | 14.2 | 8.1 | 38.5 |
| 157.50 | 18.4 | 9.9 | 48.0 |
| 180.00 | 16.4 | 8.8 | 42.8 |
| 202.50 | 22.7 | 12.8 | 61.1 |
| 225.00 | 15.5 | 9.1 | 42.9 |
| 247.50 | 17.2 | 10.1 | 47.5 |
| 270.00 | 14.5 | 7.7 | 37.6 |
| 292.50 | 17.2 | 9.8 | 46.8 |
| 315.00 | 16.8 | 9.2 | 44.6 |
| 337.50 | 28.0 | 11.5 | 62.6 |

LOCATION 12

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 8.2 | 4.1 | 20.6 |
| 22.50 | 13.1 | 6.8 | 33.4 |
| 45.00 | 12.6 | 6.4 | 31.7 |
| 67.50 | 27.1 | 13.0 | 66.2 |
| 90.00 | 12.1 | 6.5 | 31.8 |
| 112.50 | 6.5 | 3.4 | 16.8 |
| 135.00 | 15.3 | 6.9 | 35.9 |
| 157.50 | 22.8 | 10.5 | 54.2 |
| 180.00 | 21.5 | 10.4 | 52.7 |
| 202.50 | 21.2 | 9.8 | 50.6 |
| 225.00 | 16.1 | 9.7 | 45.1 |
| 247.50 | 19.0 | 8.8 | 45.4 |
| 270.00 | 19.0 | 9.4 | 47.3 |
| 292.50 | 13.6 | 7.1 | 34.8 |
| 315.00 | 14.5 | 7.0 | 35.7 |
| 337.50 | 17.1 | 8.3 | 42.1 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
RELIANCE CENTER, DENVER

LOCATION 13

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 11.4 | 5.4 | 27.7 |
| 22.50 | 17.3 | 8.9 | 44.1 |
| 45.00 | 10.8 | 6.2 | 29.3 |
| 67.50 | 5.6 | 5.6 | 22.4 |
| 90.00 | 15.8 | 9.8 | 45.2 |
| 112.50 | 4.6 | 6.2 | 22.7 |
| 135.00 | 6.6 | 7.1 | 27.5 |
| 157.50 | 21.2 | 13.4 | 61.3 |
| 180.00 | 18.6 | 12.6 | 56.6 |
| 202.50 | 49.9 | 15.2 | 93.4 |
| 225.00 | 50.6 | 17.7 | 103.1 |
| 247.50 | 32.8 | 21.6 | 97.6 |
| 270.00 | 12.8 | 12.6 | 56.6 |
| 292.50 | 18.2 | 14.1 | 60.6 |
| 315.00 | 22.0 | 13.6 | 62.7 |
| 337.50 | 22.4 | 10.7 | 54.5 |

LOCATION 14

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 14.0 | 6.0 | 31.8 |
| 22.50 | 20.4 | 7.6 | 43.1 |
| 45.00 | 28.0 | 9.9 | 57.6 |
| 67.50 | 25.2 | 9.1 | 52.6 |
| 90.00 | 33.2 | 9.4 | 61.4 |
| 112.50 | 19.8 | 8.0 | 43.8 |
| 135.00 | 15.8 | 6.2 | 34.3 |
| 157.50 | 20.1 | 8.1 | 44.3 |
| 180.00 | 29.4 | 13.3 | 69.2 |
| 202.50 | 64.9 | 14.9 | 109.5 |
| 225.00 | 74.4 | 16.0 | 122.2 |
| 247.50 | 52.6 | 18.5 | 99.0 |
| 270.00 | 18.2 | 8.3 | 43.7 |
| 292.50 | 20.3 | 9.8 | 57.7 |
| 315.00 | 24.3 | 11.1 | 67.0 |
| 337.50 | 23.1 | 9.0 | 59.0 |

LOCATION 15

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 10.7 | 6.3 | 29.6 |
| 22.50 | 18.9 | 8.3 | 43.7 |
| 45.00 | 32.6 | 9.6 | 61.4 |
| 67.50 | 39.6 | 7.7 | 62.6 |
| 90.00 | 37.1 | 8.0 | 61.0 |
| 112.50 | 38.0 | 12.1 | 74.1 |
| 135.00 | 27.7 | 12.9 | 66.5 |
| 157.50 | 20.4 | 10.5 | 51.7 |
| 180.00 | 34.5 | 13.7 | 75.5 |
| 202.50 | 68.7 | 14.1 | 111.0 |
| 225.00 | 74.8 | 12.9 | 113.4 |
| 247.50 | 50.4 | 14.3 | 93.2 |
| 270.00 | 12.3 | 6.6 | 32.1 |
| 292.50 | 14.9 | 7.9 | 38.5 |
| 315.00 | 12.1 | 6.2 | 30.6 |
| 337.50 | 11.0 | 5.7 | 28.0 |

LOCATION 16

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 10.3 | 6.7 | 30.5 |
| 22.50 | 20.7 | 14.6 | 64.5 |
| 45.00 | 41.0 | 16.0 | 89.0 |
| 67.50 | 46.8 | 12.3 | 83.6 |
| 90.00 | 42.7 | 10.0 | 72.8 |
| 112.50 | 29.1 | 9.5 | 55.6 |
| 135.00 | 33.4 | 10.0 | 63.3 |
| 157.50 | 29.0 | 11.4 | 53.3 |
| 180.00 | 16.4 | 9.9 | 46.0 |
| 202.50 | 43.3 | 12.3 | 80.2 |
| 225.00 | 45.4 | 12.9 | 84.2 |
| 247.50 | 55.6 | 14.4 | 98.8 |
| 270.00 | 48.6 | 13.6 | 89.3 |
| 292.50 | 36.8 | 17.0 | 87.7 |
| 315.00 | 28.1 | 16.4 | 77.2 |
| 337.50 | 20.3 | 17.9 | 82.1 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
RELIANCE CENTER, DENVER

LOCATION 17

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 7.5 | 5.1 | 22.8 |
| 22.50 | 17.3 | 8.9 | 43.9 |
| 45.00 | 21.3 | 12.6 | 59.2 |
| 67.50 | 48.3 | 13.8 | 89.7 |
| 90.00 | 34.3 | 11.2 | 67.9 |
| 112.50 | 39.0 | 10.2 | 69.7 |
| 135.00 | 37.4 | 9.1 | 64.8 |
| 157.50 | 39.3 | 10.9 | 72.0 |
| 180.00 | 17.5 | 49.3 | 17.5 |
| 202.50 | 19.1 | 8.6 | 44.9 |
| 225.00 | 30.8 | 12.6 | 68.6 |
| 247.50 | 49.9 | 13.9 | 91.5 |
| 270.00 | 47.4 | 11.5 | 81.9 |
| 292.50 | 45.2 | 16.5 | 94.6 |
| 315.00 | 42.5 | 18.1 | 96.8 |
| 337.50 | 44.5 | 20.6 | 106.1 |

LOCATION 18

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 1.8 | 3.3 | 11.8 |
| 22.50 | 5.4 | 6.0 | 23.3 |
| 45.00 | 13.5 | 10.6 | 45.5 |
| 67.50 | 24.8 | 15.8 | 72.6 |
| 90.00 | 10.4 | 7.7 | 33.6 |
| 112.50 | 11.6 | 9.0 | 38.6 |
| 135.00 | 4.0 | 5.4 | 22.2 |
| 157.50 | 15.0 | 11.7 | 50.1 |
| 180.00 | 12.4 | 11.4 | 46.7 |
| 202.50 | 27.7 | 13.6 | 68.6 |
| 225.00 | 32.0 | 13.7 | 73.0 |
| 247.50 | 25.1 | 15.1 | 70.2 |
| 270.00 | 22.8 | 11.3 | 56.6 |
| 292.50 | 22.1 | 11.9 | 57.9 |
| 315.00 | 16.7 | 11.1 | 49.9 |
| 337.50 | 11.6 | 10.2 | 42.2 |

LOCATION 19

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 5.6 | 6.0 | 23.6 |
| 22.50 | 11.8 | 7.7 | 35.1 |
| 45.00 | 7.2 | 7.1 | 28.6 |
| 67.50 | 15.8 | 9.6 | 44.8 |
| 90.00 | 5.1 | 21.8 | 21.8 |
| 112.50 | 6.1 | 24.9 | 24.9 |
| 135.00 | 9.6 | 33.7 | 33.7 |
| 157.50 | 30.8 | 13.0 | 69.9 |
| 180.00 | 17.8 | 9.1 | 45.2 |
| 202.50 | 14.3 | 11.5 | 48.8 |
| 225.00 | 21.2 | 15.0 | 66.3 |
| 247.50 | 23.5 | 12.9 | 62.1 |
| 270.00 | 16.9 | 12.0 | 52.9 |
| 292.50 | 12.4 | 8.0 | 36.4 |
| 315.00 | 12.7 | 9.1 | 36.9 |
| 337.50 | 13.8 | 9.8 | 36.1 |

LOCATION 20

| WIND AZIMUTH | U _{MEAN} /U _{INF} (PERCENT) | U _{RMS} /U _{INF} (PERCENT) | U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT) |
|--------------|---|--|---|
| 0.00 | 32.3 | 12.1 | 68.7 |
| 22.50 | 26.4 | 17.2 | 78.0 |
| 45.00 | 15.4 | 12.3 | 52.4 |
| 67.50 | 8.9 | 6.0 | 26.8 |
| 90.00 | 5.0 | 2.5 | 12.5 |
| 112.50 | 18.1 | 12.8 | 56.4 |
| 135.00 | 34.6 | 13.3 | 74.5 |
| 157.50 | 37.8 | 21.5 | 82.2 |
| 180.00 | 34.4 | 16.0 | 63.3 |
| 202.50 | 49.5 | 11.5 | 84.1 |
| 225.00 | 44.8 | 11.8 | 80.4 |
| 247.50 | 21.2 | 9.2 | 48.9 |
| 270.00 | 29.0 | 10.1 | 59.5 |
| 292.50 | 36.0 | 9.0 | 63.1 |
| 315.00 | 49.8 | 10.4 | 81.1 |
| 337.50 | 59.5 | 13.3 | 99.4 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
RELIANCE CENTER, DENVER

LOCATION 21

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 15.1 | 7.9 | 38.8 |
| 22.50 | 15.1 | 7.2 | 36.5 |
| 45.00 | 13.9 | 6.9 | 34.6 |
| 67.50 | 35.6 | 17.8 | 89.1 |
| 90.00 | 17.9 | 9.6 | 46.7 |
| 112.50 | 40.4 | 11.5 | 74.9 |
| 135.00 | 40.9 | 8.6 | 66.5 |
| 157.50 | 36.1 | 11.7 | 91.1 |
| 180.00 | 36.3 | 13.2 | 75.9 |
| 202.50 | 42.5 | 14.1 | 84.6 |
| 225.00 | 36.4 | 12.8 | 74.7 |
| 247.50 | 36.1 | 14.8 | 80.5 |
| 270.00 | 45.7 | 10.8 | 78.1 |
| 292.50 | 46.1 | 11.1 | 79.2 |
| 315.00 | 52.6 | 10.9 | 85.4 |
| 337.50 | 58.6 | 13.7 | 99.8 |

LOCATION 22

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 17.0 | 13.0 | 56.1 |
| 22.50 | 5.3 | 7.0 | 26.2 |
| 45.00 | 4.5 | 6.4 | 23.6 |
| 67.50 | 29.4 | 19.9 | 89.1 |
| 90.00 | 9.1 | 12.6 | 46.8 |
| 112.50 | 30.6 | 10.7 | 62.8 |
| 135.00 | 36.8 | 9.8 | 66.3 |
| 157.50 | 60.8 | 14.2 | 103.6 |
| 180.00 | 27.3 | 14.2 | 69.9 |
| 202.50 | 21.6 | 10.8 | 53.9 |
| 225.00 | 14.0 | 10.2 | 44.7 |
| 247.50 | 24.1 | 11.3 | 58.1 |
| 270.00 | 33.3 | 11.9 | 74.9 |
| 292.50 | 52.3 | 12.1 | 91.6 |
| 315.00 | 62.2 | 13.3 | 102.2 |
| 337.50 | 68.6 | 17.2 | 120.3 |

LOCATION 23

| WIND AZIMUTH | UMEAN/UINF (PERCENT) | URMS/UINF (PERCENT) | UMEAN+3*URMS/UINF (PERCENT) |
|-----------------|-------------------------|------------------------|--------------------------------|
| 0.00 | 36.2 | 10.3 | 67.2 |
| 22.50 | 35.2 | 10.8 | 67.5 |
| 45.00 | 37.9 | 13.0 | 76.8 |
| 67.50 | 9.3 | 4.8 | 23.6 |
| 90.00 | 5.5 | 2.3 | 12.3 |
| 112.50 | 21.2 | 12.8 | 59.5 |
| 135.00 | 29.6 | 12.9 | 68.3 |
| 157.50 | 53.9 | 17.7 | 106.9 |
| 180.00 | 41.3 | 10.7 | 73.3 |
| 202.50 | 56.8 | 12.4 | 94.1 |
| 225.00 | 52.0 | 11.6 | 86.9 |
| 247.50 | 39.4 | 10.9 | 72.3 |
| 270.00 | 18.4 | 11.1 | 51.1 |
| 292.50 | 27.2 | 12.2 | 63.7 |
| 315.00 | 41.7 | 10.3 | 78.0 |
| 337.50 | 61.5 | 12.4 | 98.7 |

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 RELIANCE CENTER, DENVER

* * GREATEST VALUES * *

| U _{MEAN} /U _{INF} (PERCENT) | | | | | U _{RMS} /U _{INF} (PERCENT) | | | | | U _{MEAN+3*RMS} /U _{INF} (PERCENT) | | | | |
|--|-------|------|------|--------|---|-------|------|------|--------|--|-------|------|------|--------|
| LOC | AZ | MEAN | RMS | M+3RMS | LOC | AZ | MEAN | RMS | M+3RMS | LOC | AZ | MEAN | RMS | M+3RMS |
| 15 | 225.0 | 74.8 | 12.9 | 113.4 | 6 | 225.0 | 39.6 | 26.3 | 118.4 | 14 | 225.0 | 74.4 | 16.0 | 122.5 |
| 14 | 225.0 | 74.4 | 16.0 | 122.5 | 13 | 247.5 | 32.8 | 21.6 | 97.6 | 20 | 157.5 | 57.8 | 21.5 | 122.2 |
| 2 | 225.0 | 72.5 | 15.0 | 117.4 | 20 | 157.5 | 57.8 | 21.5 | 122.2 | 22 | 337.5 | 68.6 | 17.2 | 120.3 |
| 15 | 202.5 | 68.7 | 14.1 | 111.0 | 17 | 337.5 | 44.5 | 20.6 | 106.1 | 3 | 225.0 | 68.6 | 17.2 | 120.1 |
| 22 | 337.5 | 68.6 | 17.2 | 120.3 | 3 | 157.5 | 25.6 | 20.0 | 85.5 | 6 | 225.0 | 39.6 | 26.3 | 118.4 |
| 3 | 225.0 | 68.6 | 17.2 | 120.1 | 22 | 67.5 | 29.4 | 19.9 | 89.1 | 2 | 225.0 | 72.5 | 15.0 | 117.4 |
| 14 | 202.5 | 64.9 | 14.9 | 109.6 | 5 | 225.0 | 49.7 | 19.7 | 108.6 | 4 | 225.0 | 58.8 | 18.3 | 113.7 |
| 22 | 315.0 | 62.2 | 13.3 | 102.2 | 8 | 202.5 | 46.3 | 19.6 | 105.0 | 15 | 225.0 | 74.8 | 12.9 | 113.4 |
| 23 | 337.5 | 61.5 | 12.4 | 98.7 | 3 | 247.5 | 39.3 | 19.5 | 97.9 | 4 | 202.5 | 58.1 | 17.8 | 111.4 |
| 22 | 157.5 | 60.8 | 14.2 | 103.6 | 8 | 225.0 | 36.9 | 19.3 | 94.6 | 15 | 202.5 | 68.7 | 14.1 | 111.0 |

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

STAPLETON INTERNATIONAL AIRPORT, DENVER

(1965-1974)

SEASON : ANNUAL

NO. OF OBS. = 29215

HT. OF MEAS. = 20. FT.

VELOCITY LEVELS IN MPH

| DIRECTION | 0- 3 | 4- 7 | 8-12 | 13-18 | 19-24 | 25-31 | 32 + | TOTAL |
|-----------|-------|-------|-------|-------|-------|-------|------|--------|
| N | .60 | 2.90 | 3.20 | 1.60 | .30 | .10 | 0.00 | 8.90 |
| NNE | .40 | 1.50 | 1.60 | .80 | .20 | 0.00 | 0.00 | 4.50 |
| NE | .40 | 1.60 | 1.60 | .60 | .10 | 0.00 | 0.00 | 4.30 |
| ENE | .40 | 1.50 | 1.30 | .50 | 0.00 | 0.00 | 0.00 | 3.80 |
| E | .70 | 2.60 | 1.90 | .50 | 0.00 | 0.00 | 0.00 | 5.70 |
| ESE | .50 | 1.90 | 1.40 | .30 | 0.00 | 0.00 | 0.00 | 4.20 |
| SE | .50 | 1.80 | 1.30 | .40 | 0.00 | 0.00 | 0.00 | 4.10 |
| SSE | .50 | 1.90 | 1.40 | .50 | .10 | 0.00 | 0.00 | 4.40 |
| SSW | 1.20 | 7.20 | 8.90 | 2.50 | .30 | 0.00 | 0.00 | 20.10 |
| SW | .70 | 4.60 | 4.40 | 1.00 | .10 | 0.00 | 0.00 | 10.80 |
| WSW | .70 | 2.40 | 1.60 | .40 | .10 | 0.00 | 0.00 | 5.20 |
| W | .40 | 1.30 | .70 | .20 | .10 | 0.00 | 0.00 | 2.70 |
| WNW | .20 | .80 | .90 | .80 | .30 | .10 | 0.00 | 3.10 |
| NW | .20 | .70 | .90 | .90 | .40 | .10 | 0.00 | 3.50 |
| NNW | .30 | 1.40 | 1.30 | .90 | .30 | .10 | 0.00 | 4.20 |
| NW | .30 | 1.50 | 1.40 | .70 | .10 | 0.00 | 0.00 | 4.00 |
| CALM | 6.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.50 |
| TOT | 14.60 | 35.80 | 33.70 | 12.60 | 2.60 | .60 | .10 | 100.00 |

TABLE 4
SUMMARY OF WIND EFFECTS ON PEOPLE

| | <u>Beaufort number</u> | <u>Speed (mph)</u> | <u>Effects</u> |
|-----------------|----------------------------|------------------------|--|
| Calm, light air | 0, 1 | 0- 3 | Calm, no noticeable wind |
| Light breeze | 2 | 4- 7 | Wind felt on face |
| Gentle breeze | 3 | 8-12 | Wind extends light flag Hair is disturbed Clothing flaps |
| Moderate breeze | 4 | 13-18 | Raises dust, dry soil and loose paper Hair disarranged |
| Fresh breeze | 5 | 19-24 | Force of wind felt on body Drifting snow becomes airborne Limit of agreeable wind on land |
| Strong breeze | 6 | 25-31 | Umbrellas used with difficulty Hair blown straight Difficult to walk steadily Wind noise on ears unpleasant Windborne snow above head height (blizzard) |
| Near gale | 7 | 32-38 | Inconvenience felt when walking |
| Gale | 8 | 39-46 | Generally impedes progress Great difficulty with balance in gusts |
| Strong gale | 9 | 47-54 | People blown over by gusts |

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from extreme value analysis of Denver fastest mile winds*:

>100-yr fastest mile at 30 ft = 70 mph.

Mean hourly wind speed, 30 ft = $\frac{70}{1.27} = 55.1$ mph.

Mean hourly gradient wind speed = $55.1 \left(\frac{1000}{30} \right)^{.17} = 100.0$ mph

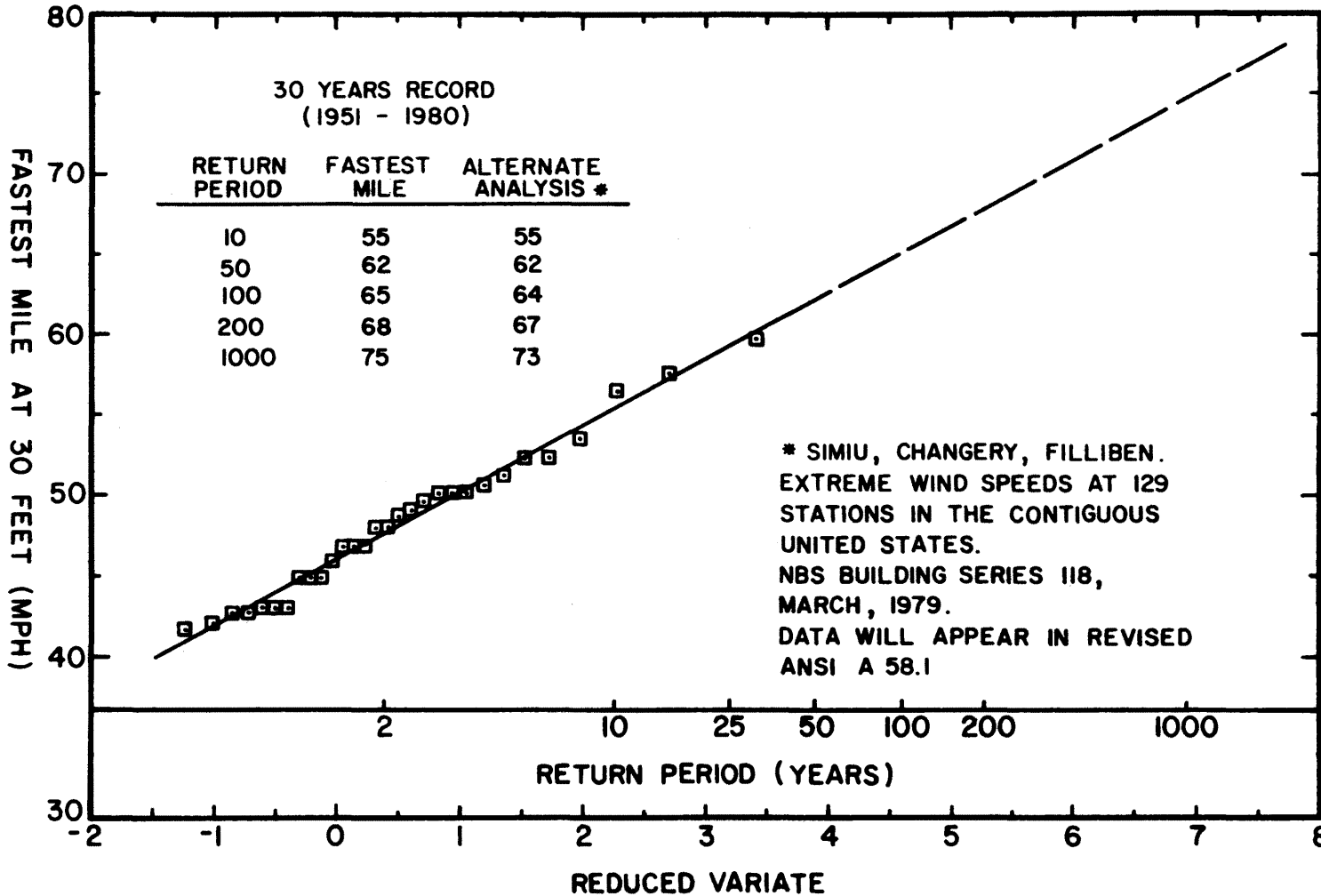
Reference pressure at reference velocity location at 1250 ft =
 $0.86 (0.00256) (100.0)^2 = \underline{\underline{22 \text{ psf}}}$

2. Gust load factors to convert hourly mean integrated load to mean load for various gust durations (see section 4.4)

| <u>Duration, Sec</u> | <u>Gust Load Factor</u> |
|----------------------|-------------------------|
| 10-15 | $(1.4)^2 = 1.96$ |
| 30 | $(1.32)^2 = 1.74$ |
| 45 | $(1.28)^2 = 1.64$ |

*Analysis shown on attached drawing. Similar values will appear in the revised ANSI A58.1. Since 70 mph will be the lowest wind permitted in the revised ANSI A58.1, that value is used here.

EXTREME VALUE TYPE I ANALYSIS



DENVER, COLORADO — STAPLETON INTERNATIONAL AIRPORT

TABLE 5 - CONTINUED

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

MAR 1

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK |
|------|--------------|----------------|------------------|------------------|-----|--------------|----------------|------------------|------------------|-----|--------------|----------------|------------------|------------------|
| | | | PSF | | | | | PSF | | | | | PSF | |
| 101 | 180 | -2.00 | -43.9 | 15.4 | 149 | 120 | -1.93 | -42.9 | 23.3 | 197 | 260 | -2.03 | -45.0 | 24.0 |
| 102 | 190 | -1.79 | -39.4 | 23.6 | 150 | 120 | -2.33 | -51.1 | 24.3 | 198 | 270 | -2.01 | -44.3 | 23.8 |
| 103 | 190 | -1.77 | -39.0 | 25.5 | 151 | 120 | -2.42 | -53.2 | 22.4 | 199 | 260 | -2.03 | -44.6 | 23.7 |
| 104 | 190 | -1.89 | -41.6 | 23.5 | 152 | 120 | -1.84 | -40.4 | 24.8 | 200 | 200 | -2.53 | -53.6 | 24.4 |
| 105 | 0 | -1.95 | -43.0 | 23.1 | 153 | 90 | -1.92 | -42.2 | 24.7 | 201 | 190 | -2.40 | -52.8 | 25.7 |
| 106 | 0 | -2.72 | -59.8 | 20.6 | 154 | 90 | -2.37 | -52.2 | 27.6 | 202 | 190 | -2.43 | -53.4 | 22.4 |
| 107 | 260 | -1.51 | -33.2 | 24.4 | 155 | 80 | -1.91 | -41.9 | 23.2 | 203 | 350 | -1.92 | -42.7 | 23.0 |
| 108 | 120 | -1.88 | -41.4 | 25.2 | 156 | 1200 | -1.26 | -27.8 | 22.9 | 204 | 0 | -2.22 | -48.8 | 23.9 |
| 109 | 120 | -1.98 | -43.5 | 24.4 | 157 | 260 | -1.52 | -33.5 | 25.5 | 205 | 200 | -1.94 | -42.7 | 27.1 |
| 110 | 120 | -2.34 | -51.4 | 26.5 | 158 | 260 | -1.91 | -42.0 | 26.6 | 206 | 130 | -1.51 | -33.2 | 21.8 |
| 111 | 120 | -2.49 | -54.8 | 22.4 | 159 | 260 | -2.14 | -43.3 | 23.5 | 207 | 200 | -1.79 | -39.9 | 21.4 |
| 1112 | 120 | -1.40 | -30.9 | 27.2 | 160 | 190 | -1.97 | -43.3 | 29.0 | 208 | 190 | -1.71 | -37.7 | 19.0 |
| 1113 | 190 | -1.44 | -31.6 | 24.1 | 161 | 180 | -2.03 | -44.7 | 26.4 | 209 | 120 | -1.76 | -38.2 | 21.0 |
| 1114 | 120 | -2.51 | -55.3 | 23.1 | 162 | 190 | -1.98 | -43.8 | 19.9 | 210 | 120 | -1.51 | -33.6 | 21.6 |
| 1115 | 120 | -2.00 | -44.4 | 24.9 | 163 | 0 | -1.80 | -39.9 | 24.4 | 211 | 1200 | -1.55 | -34.2 | 21.5 |
| 1116 | 120 | -1.65 | -36.2 | 20.5 | 164 | 0 | -2.15 | -43.3 | 24.4 | 212 | 200 | -1.80 | -42.7 | 21.1 |
| 1117 | 260 | -1.60 | -36.2 | 19.3 | 165 | 190 | -2.09 | -43.5 | 24.8 | 213 | 240 | -1.59 | -35.5 | 21.2 |
| 1118 | 130 | -1.87 | -41.2 | 16.8 | 166 | 120 | -1.69 | -41.1 | 23.2 | 214 | 80 | -1.59 | -34.9 | 12.2 |
| 1119 | 260 | -2.62 | -57.7 | 17.3 | 167 | 120 | -1.89 | -43.8 | 24.4 | 215 | 90 | -1.34 | -31.5 | 15.3 |
| 120 | 0 | -1.78 | -39.2 | 25.3 | 168 | 120 | -1.57 | -40.6 | 24.2 | 216 | 250 | -1.66 | -36.5 | 17.5 |
| 121 | 0 | -1.90 | -41.8 | 23.3 | 169 | 120 | -1.78 | -43.9 | 27.7 | 217 | 260 | -2.07 | -45.5 | 25.5 |
| 122 | 10 | -2.74 | -60.2 | 24.4 | 170 | 120 | -1.85 | -43.6 | 26.8 | 218 | 260 | -1.93 | -42.4 | 21.9 |
| 123 | 250 | -1.55 | -34.1 | 24.2 | 171 | 120 | -1.83 | -43.3 | 23.3 | 219 | 270 | -2.19 | -48.2 | 24.8 |
| 124 | 120 | -1.54 | -34.0 | 22.6 | 172 | 120 | -1.73 | -40.8 | 24.4 | 220 | 190 | -2.63 | -57.9 | 21.1 |
| 125 | 120 | -1.52 | -33.5 | 22.7 | 173 | 90 | -1.78 | -43.3 | 24.9 | 221 | 190 | -2.60 | -57.3 | 21.3 |
| 126 | 120 | -1.73 | -38.1 | 22.0 | 174 | 90 | -2.66 | -58.8 | 22.2 | 222 | 190 | -2.02 | -44.4 | 16.8 |
| 127 | 120 | -2.52 | -55.5 | 25.5 | 175 | 80 | -2.04 | -44.8 | 21.6 | 223 | 200 | -1.80 | -39.5 | 14.3 |
| 128 | 120 | -2.72 | -59.8 | 24.4 | 176 | 270 | -1.83 | -44.8 | 23.4 | 224 | 340 | -1.77 | -38.9 | 21.2 |
| 129 | 120 | -2.01 | -44.1 | 26.6 | 177 | 260 | -1.84 | -44.0 | 24.9 | 225 | 340 | -2.40 | -52.9 | 19.8 |
| 130 | 0 | -1.84 | -40.5 | 24.6 | 178 | 260 | -2.01 | -44.4 | 28.4 | 226 | 140 | -1.64 | -36.0 | 23.3 |
| 131 | 0 | -2.67 | -58.8 | 24.2 | 179 | 270 | -1.90 | -41.2 | 23.2 | 227 | 120 | -1.80 | -39.9 | 19.1 |
| 132 | 10 | -2.73 | -60.1 | 23.3 | 180 | 180 | -2.15 | -47.2 | 26.4 | 228 | 130 | -1.77 | -39.5 | 18.8 |
| 133 | 120 | -1.62 | -35.7 | 26.9 | 181 | 190 | -2.50 | -53.1 | 23.9 | 229 | 120 | -2.12 | -46.7 | 18.2 |
| 134 | 120 | -1.59 | -35.0 | 30.0 | 182 | 190 | -2.27 | -49.8 | 21.9 | 230 | 330 | -1.67 | -36.8 | 20.8 |
| 135 | 120 | -1.71 | -37.7 | 23.3 | 183 | 190 | -1.90 | -41.7 | 23.0 | 231 | 120 | -2.18 | -47.9 | 19.1 |
| 136 | 120 | -1.98 | -43.6 | 25.8 | 184 | 0 | -2.18 | -48.0 | 24.9 | 232 | 230 | -1.93 | -42.5 | 18.1 |
| 137 | 100 | -1.94 | -42.7 | 19.9 | 185 | 190 | -2.37 | -52.0 | 27.6 | 233 | 240 | -1.80 | -39.7 | 16.2 |
| 138 | 90 | -2.32 | -51.0 | 24.8 | 186 | 120 | -1.77 | -39.8 | 23.5 | 234 | 230 | -2.18 | -48.0 | 13.9 |
| 139 | 120 | -2.46 | -54.2 | 26.1 | 187 | 110 | -1.79 | -39.9 | 22.2 | 235 | 80 | -2.03 | -44.6 | 11.7 |
| 140 | 190 | -2.04 | -44.8 | 26.6 | 188 | 120 | -1.57 | -34.4 | 21.0 | 236 | 260 | -1.65 | -36.3 | 17.1 |
| 141 | 190 | -2.25 | -49.5 | 24.9 | 189 | 120 | -2.03 | -44.7 | 23.7 | 237 | 260 | -1.93 | -42.9 | 23.6 |
| 142 | 190 | -1.91 | -42.0 | 24.1 | 190 | 340 | -1.88 | -41.4 | 24.4 | 238 | 260 | -2.59 | -57.0 | 21.9 |
| 143 | 350 | -1.55 | -34.2 | 23.5 | 191 | 120 | -2.11 | -46.3 | 23.8 | 239 | 270 | -2.03 | -44.7 | 21.7 |
| 144 | 350 | -2.35 | -51.7 | 27.6 | 192 | 260 | -1.56 | -34.4 | 23.3 | 240 | 190 | -2.71 | -59.6 | 16.6 |
| 145 | 10 | -2.83 | -62.3 | 25.5 | 193 | 330 | -1.88 | -41.4 | 21.6 | 241 | 190 | -1.83 | -40.3 | 16.1 |
| 146 | 0 | -2.19 | -48.3 | 23.7 | 194 | 80 | -2.75 | -60.6 | 20.4 | 242 | 200 | -1.87 | -41.2 | 14.7 |
| 147 | 120 | -1.59 | -34.9 | 23.3 | 195 | 90 | -2.27 | -50.0 | 18.5 | 243 | 210 | -1.71 | -37.7 | 8.8 |
| 148 | 120 | -1.70 | -37.3 | 26.9 | 196 | 80 | -1.70 | -37.4 | 23.5 | 244 | 230 | -1.62 | -35.5 | 11.4 |

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

MAR 1

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE POSITIVE | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE POSITIVE | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE POSITIVE | |
|------|--------------|----------------|-------------------|------|-----|--------------|----------------|-------------------|------|-----|--------------|----------------|-------------------|------|
| | | | PEAK | PEAK | | | | PEAK | PEAK | | | | PEAK | PEAK |
| | | | PSF | PSF | | | | PSF | PSF | | | | PSF | PSF |
| 2245 | 230 | -2.26 | -49.7 | 12.3 | 293 | 340 | -1.34 | -29.4 | 7.6 | 341 | 230 | -1.85 | -18.6 | 9.2 |
| 2246 | 120 | -1.81 | -39.9 | 13.3 | 294 | 230 | -1.13 | -24.4 | 7.5 | 342 | 230 | -1.86 | -18.9 | 8.8 |
| 2247 | 220 | -1.73 | -38.0 | 14.9 | 295 | 230 | -1.89 | -41.1 | 10.2 | 343 | 230 | -1.83 | -18.3 | 10.7 |
| 2248 | 150 | -2.56 | -56.3 | 17.2 | 296 | 210 | -1.55 | -34.0 | 15.6 | 344 | 210 | -1.83 | -18.3 | 15.3 |
| 2249 | 130 | -2.07 | -45.6 | 14.8 | 297 | 230 | -2.08 | -45.4 | 22.9 | 345 | 220 | -1.94 | -20.6 | 14.7 |
| 2250 | 320 | -1.61 | -35.5 | 16.4 | 298 | 230 | -1.71 | -44.7 | 12.7 | 346 | 220 | -1.92 | -20.3 | 11.2 |
| 2251 | 150 | -1.88 | -41.1 | 16.6 | 299 | 220 | -2.24 | -49.2 | 12.6 | 347 | 230 | -1.93 | -20.4 | 14.4 |
| 2252 | 240 | -2.03 | -44.7 | 12.0 | 300 | 220 | -1.47 | -33.2 | 5.7 | 348 | 230 | -1.83 | -18.2 | 15.3 |
| 2253 | 240 | -1.82 | -40.0 | 12.0 | 301 | 210 | -1.80 | -44.4 | 4.5 | 349 | 230 | -1.87 | -19.1 | 15.4 |
| 2254 | 230 | -2.11 | -46.5 | 12.0 | 302 | 220 | -2.24 | -49.9 | 9.2 | 350 | 230 | -1.96 | -21.2 | 14.9 |
| 2255 | 230 | -2.01 | -44.2 | 11.1 | 303 | 230 | -2.00 | -44.3 | 11.6 | 351 | 230 | -1.85 | -18.7 | 13.8 |
| 2256 | 230 | -1.80 | -39.5 | 11.5 | 304 | 230 | -1.91 | -43.1 | 9.5 | 352 | 220 | -1.92 | -20.2 | 14.4 |
| 2257 | 240 | -2.14 | -47.1 | 19.9 | 305 | 250 | -2.06 | -45.4 | 8.6 | 353 | 210 | -1.92 | -20.1 | 17.1 |
| 2258 | 260 | -2.11 | -46.5 | 22.3 | 306 | 230 | -1.58 | -44.4 | 13.9 | 401 | 190 | -3.48 | -76.5 | 27.1 |
| 2259 | 260 | -2.11 | -46.5 | 22.3 | 307 | 250 | -1.49 | -43.2 | 10.2 | 402 | 190 | -2.99 | -65.8 | 27.2 |
| 2260 | 240 | -2.53 | -55.5 | 10.0 | 308 | 220 | -1.49 | -43.2 | 3.3 | 403 | 190 | -2.00 | -44.0 | 25.5 |
| 2261 | 230 | -2.20 | -48.7 | 11.1 | 309 | 230 | -1.72 | -47.7 | 8.2 | 404 | 190 | -2.48 | -54.5 | 26.3 |
| 2262 | 240 | -2.08 | -45.8 | 9.9 | 310 | 210 | -1.15 | -22.2 | 9.9 | 405 | 190 | -2.45 | -53.8 | 26.7 |
| 2263 | 110 | -1.92 | -42.1 | 6.6 | 311 | 210 | -1.14 | -22.2 | 10.2 | 406 | 190 | -2.76 | -60.7 | 27.7 |
| 2264 | 330 | -1.88 | -41.1 | 6.6 | 312 | 220 | -1.21 | -26.6 | 5.5 | 407 | 180 | -2.58 | -57.7 | 24.9 |
| 2265 | 240 | -2.09 | -46.0 | 7.7 | 313 | 250 | -1.49 | -43.2 | 4.7 | 408 | 180 | -2.68 | -58.9 | 28.0 |
| 2266 | 240 | -1.67 | -36.6 | 6.6 | 314 | 220 | -1.70 | -47.7 | 11.5 | 409 | 190 | -2.76 | -60.8 | 25.5 |
| 2267 | 230 | -2.12 | -46.5 | 9.9 | 315 | 210 | -1.41 | -33.1 | 11.4 | 410 | 180 | -2.72 | -59.8 | 26.2 |
| 2268 | 130 | -2.04 | -44.8 | 11.1 | 316 | 260 | -1.34 | -39.9 | 9.7 | 411 | 180 | -2.94 | -64.7 | 24.4 |
| 2269 | 150 | -1.69 | -37.1 | 13.5 | 317 | 230 | -1.48 | -45.5 | 6.7 | 412 | 190 | -2.87 | -63.1 | 30.7 |
| 2270 | 320 | -1.98 | -43.5 | 13.5 | 318 | 230 | -1.72 | -47.7 | 3.3 | 413 | 190 | -2.87 | -63.1 | 27.3 |
| 2271 | 310 | -1.83 | -40.3 | 11.1 | 319 | 230 | -1.70 | -47.7 | 2.4 | 414 | 190 | -2.77 | -61.0 | 22.2 |
| 2272 | 230 | -1.63 | -35.8 | 10.0 | 320 | 230 | -1.25 | -37.7 | 1.1 | 415 | 190 | -2.92 | -64.2 | 25.4 |
| 2273 | 190 | -1.69 | -37.7 | 9.9 | 321 | 230 | -1.45 | -45.5 | 8.7 | 416 | 190 | -2.64 | -58.0 | 20.7 |
| 2274 | 220 | -2.06 | -45.2 | 10.0 | 322 | 220 | -1.96 | -49.9 | 6.9 | 417 | 190 | -2.84 | -62.4 | 24.2 |
| 2275 | 230 | -1.88 | -41.4 | 10.0 | 323 | 240 | -1.11 | -24.4 | 3.5 | 418 | 190 | -2.62 | -57.7 | 23.6 |
| 2276 | 230 | -1.69 | -37.7 | 16.1 | 324 | 300 | -1.25 | -37.7 | 3.5 | 419 | 190 | -2.27 | -49.8 | 17.1 |
| 2277 | 230 | -2.10 | -46.2 | 20.0 | 325 | 210 | -1.59 | -43.3 | 14.1 | 420 | 190 | -2.77 | -61.8 | 18.6 |
| 2278 | 230 | -2.89 | -63.5 | 16.4 | 326 | 220 | -1.22 | -26.6 | 9.0 | 421 | 190 | -2.11 | -46.5 | 16.0 |
| 2279 | 210 | -2.39 | -52.6 | 14.4 | 327 | 230 | -1.44 | -43.3 | 11.2 | 422 | 240 | -2.12 | -46.7 | 14.5 |
| 2280 | 250 | -2.65 | -58.3 | 7.7 | 328 | 230 | -1.70 | -47.7 | 10.4 | 423 | 200 | -2.08 | -45.8 | 17.7 |
| 2281 | 240 | -1.44 | -31.1 | 8.8 | 329 | 230 | -1.66 | -46.6 | 4.5 | 424 | 240 | -2.23 | -49.0 | 10.7 |
| 2282 | 220 | -1.64 | -36.0 | 20.0 | 330 | 230 | -1.65 | -46.6 | 4.8 | 425 | 200 | -2.22 | -48.8 | 9.1 |
| 2283 | 240 | -1.97 | -43.3 | 15.1 | 331 | 230 | -1.22 | -29.9 | 9.1 | 426 | 210 | -2.43 | -53.5 | 10.2 |
| 2284 | 240 | -1.83 | -40.3 | 8.8 | 332 | 240 | -1.98 | -50.0 | 8.0 | 427 | 240 | -2.76 | -60.7 | 9.8 |
| 2285 | 250 | -1.09 | -24.0 | 7.7 | 333 | 200 | -1.97 | -49.9 | 6.6 | 428 | 250 | -1.81 | -39.9 | 12.8 |
| 2286 | 220 | -1.21 | -26.6 | 7.7 | 334 | 200 | -1.07 | -23.3 | 6.1 | 429 | 250 | -1.35 | -29.6 | 13.3 |
| 2287 | 230 | -1.40 | -30.9 | 9.9 | 335 | 240 | -1.16 | -26.6 | 8.8 | 430 | 250 | -1.09 | -24.0 | 10.2 |
| 2288 | 210 | -1.99 | -21.1 | 8.8 | 336 | 230 | -1.70 | -47.7 | 6.7 | 431 | 250 | -1.71 | -15.5 | 6.7 |
| 2289 | 230 | -1.95 | -20.9 | 8.8 | 337 | 230 | -1.49 | -40.0 | 6.0 | 432 | 240 | -1.68 | -15.0 | 5.4 |
| 2290 | 210 | -1.05 | -23.2 | 7.7 | 338 | 230 | -1.31 | -36.6 | 5.5 | 433 | 300 | -1.71 | -15.7 | 5.5 |
| 2291 | 220 | -1.14 | -25.2 | 7.7 | 339 | 230 | -1.52 | -44.4 | 6.8 | 434 | 220 | -1.84 | -18.6 | 7.0 |
| 2292 | 230 | -1.29 | -28.4 | 6.8 | 340 | 230 | -1.77 | -49.9 | 8.3 | 435 | 240 | -1.27 | -27.8 | 12.0 |

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

MAR 1

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE | | POSITIVE | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE | | POSITIVE | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE | | POSITIVE | |
|-----|--------------|----------------|----------|------|----------|-----|-------|--------------|----------------|----------|-----|----------|-------|------|--------------|----------------|----------|--|----------|--|
| | | | PEAK | PSF | PEAK | PSF | | | | PEAK | PSF | PEAK | PSF | | | | | | | |
| 436 | 200 | -1.56 | -34.3 | 12.3 | 317 | 120 | -3.28 | -72.1 | 24.4 | 565 | 340 | -2.25 | -49.4 | 20.1 | | | | | | |
| 437 | 240 | -2.21 | -48.7 | 13.5 | 318 | 120 | -3.76 | -82.6 | 26.3 | 566 | 330 | -2.21 | -48.7 | 18.2 | | | | | | |
| 438 | 230 | -1.56 | -34.3 | 16.0 | 319 | 330 | -3.04 | -66.8 | 27.7 | 567 | 340 | -1.45 | -31.9 | 16.4 | | | | | | |
| 439 | 250 | -1.00 | -21.9 | 12.9 | 320 | 330 | -3.03 | -66.6 | 24.5 | 568 | 340 | -1.11 | -24.5 | 18.7 | | | | | | |
| 440 | 240 | -1.02 | -22.3 | 12.6 | 321 | 330 | -2.42 | -53.3 | 24.2 | 569 | 70 | -1.33 | -29.3 | 17.9 | | | | | | |
| 441 | 250 | -1.82 | -18.0 | 11.4 | 322 | 330 | -1.73 | -38.8 | 24.8 | 570 | 130 | -1.18 | -26.1 | 17.3 | | | | | | |
| 442 | 270 | -1.07 | -23.6 | 11.5 | 323 | 130 | -1.61 | -35.9 | 26.1 | 571 | 130 | -1.81 | -39.8 | 19.7 | | | | | | |
| 443 | 270 | -1.02 | -22.4 | 10.7 | 324 | 130 | -1.44 | -31.6 | 25.9 | 572 | 110 | -1.85 | -40.7 | 20.0 | | | | | | |
| 444 | 260 | -1.76 | -16.7 | 11.3 | 325 | 120 | -2.17 | -47.7 | 24.0 | 573 | 30 | -1.85 | -40.6 | 8.9 | | | | | | |
| 445 | 300 | -1.95 | -20.8 | 7.1 | 326 | 120 | -3.36 | -74.7 | 24.7 | 574 | 60 | -1.93 | -20.4 | 8.9 | | | | | | |
| 446 | 300 | -1.86 | -18.8 | 7.2 | 327 | 120 | -4.07 | -89.5 | 24.3 | 575 | 70 | -1.76 | -16.7 | 12.0 | | | | | | |
| 447 | 240 | -1.27 | -28.0 | 9.2 | 328 | 330 | -2.87 | -63.3 | 26.1 | 576 | 340 | -2.08 | -45.7 | 13.1 | | | | | | |
| 448 | 230 | -1.07 | -23.6 | 20.7 | 329 | 330 | -2.84 | -62.4 | 24.3 | 577 | 330 | -2.63 | -57.8 | 13.2 | | | | | | |
| 449 | 10 | -1.99 | -21.7 | 14.2 | 330 | 330 | -2.43 | -53.6 | 24.6 | 578 | 330 | -1.60 | -35.3 | 12.3 | | | | | | |
| 450 | 230 | -1.78 | -39.2 | 8.4 | 331 | 340 | -1.94 | -48.8 | 23.4 | 579 | 340 | -1.92 | -20.3 | 9.2 | | | | | | |
| 451 | 240 | -2.06 | -45.3 | 12.2 | 332 | 340 | -1.80 | -46.3 | 22.5 | 580 | 70 | -1.56 | -12.2 | 8.0 | | | | | | |
| 452 | 250 | -2.51 | -55.2 | 10.2 | 333 | 310 | -1.52 | -33.4 | 25.5 | 581 | 340 | -1.39 | -13.0 | 9.9 | | | | | | |
| 453 | 250 | -1.66 | -36.4 | 7.2 | 334 | 120 | -2.84 | -62.4 | 27.7 | 582 | 70 | -1.63 | -13.9 | 7.2 | | | | | | |
| 454 | 250 | -2.16 | -47.4 | 8.5 | 335 | 120 | -3.38 | -74.4 | 24.6 | 583 | 70 | -1.77 | -16.9 | 9.1 | | | | | | |
| 455 | 250 | -1.58 | -34.7 | 5.0 | 336 | 120 | -3.92 | -86.5 | 23.3 | 584 | 70 | -1.93 | -20.5 | 9.0 | | | | | | |
| 456 | 250 | -2.12 | -46.6 | 8.9 | 337 | 330 | -2.89 | -66.3 | 25.2 | 585 | 40 | -1.85 | -40.7 | 15.8 | | | | | | |
| 457 | 200 | -1.00 | -22.1 | 19.4 | 338 | 330 | -2.82 | -62.2 | 22.9 | 586 | 40 | -1.70 | -37.4 | 12.6 | | | | | | |
| 458 | 230 | -1.79 | -17.4 | 17.0 | 339 | 330 | -2.40 | -52.9 | 25.6 | 587 | 340 | -1.50 | -10.9 | 9.4 | | | | | | |
| 459 | 220 | -1.40 | -30.7 | 16.7 | 340 | 340 | -1.87 | -41.1 | 24.0 | 588 | 330 | -1.57 | -12.6 | 11.8 | | | | | | |
| 460 | 250 | -1.33 | -29.2 | 8.5 | 341 | 340 | -1.69 | -37.7 | 24.7 | 589 | 210 | -1.57 | -11.2 | 12.6 | | | | | | |
| 461 | 260 | -1.85 | -40.6 | 10.2 | 342 | 130 | -1.53 | -33.3 | 24.3 | 590 | 80 | -1.48 | -10.6 | 10.3 | | | | | | |
| 462 | 220 | -1.45 | -31.9 | 15.9 | 343 | 130 | -2.09 | -44.9 | 24.4 | 591 | 70 | -1.54 | -11.9 | 7.4 | | | | | | |
| 463 | 230 | -1.55 | -34.0 | 16.3 | 344 | 110 | -3.76 | -82.2 | 24.1 | 592 | 40 | -2.02 | -44.5 | 13.0 | | | | | | |
| 464 | 230 | -1.06 | -23.4 | 20.1 | 345 | 120 | -3.34 | -73.3 | 22.9 | 593 | 330 | -1.88 | -41.5 | 10.8 | | | | | | |
| 465 | 170 | -1.88 | -19.4 | 18.3 | 346 | 320 | -2.99 | -65.9 | 21.1 | 594 | 340 | -1.18 | -25.9 | 8.5 | | | | | | |
| 466 | 300 | -1.96 | -21.0 | 21.1 | 347 | 330 | -2.88 | -63.3 | 22.7 | 595 | 30 | -1.10 | -24.3 | 7.2 | | | | | | |
| 467 | 160 | -1.98 | -21.5 | 19.1 | 348 | 330 | -2.44 | -53.6 | 23.6 | 596 | 270 | -1.87 | -19.1 | 7.3 | | | | | | |
| 501 | 330 | -4.07 | -89.5 | 21.4 | 349 | 340 | -2.12 | -42.6 | 23.9 | 597 | 50 | -1.86 | -18.9 | 6.5 | | | | | | |
| 502 | 330 | -2.28 | -50.2 | 19.7 | 350 | 350 | -1.94 | -42.5 | 24.5 | 598 | 50 | -1.44 | -31.7 | 14.6 | | | | | | |
| 503 | 130 | -2.26 | -49.7 | 17.3 | 351 | 340 | -1.61 | -43.5 | 23.7 | 599 | 70 | -2.01 | -44.2 | 14.0 | | | | | | |
| 504 | 130 | -2.55 | -56.1 | 16.6 | 352 | 130 | -2.04 | -43.5 | 22.9 | 600 | 340 | -1.57 | -12.5 | 11.5 | | | | | | |
| 505 | 120 | -1.96 | -43.2 | 19.3 | 353 | 120 | -2.81 | -61.1 | 22.5 | 601 | 30 | -1.56 | -12.4 | 9.9 | | | | | | |
| 506 | 330 | -1.97 | -43.3 | 15.7 | 354 | 110 | -3.66 | -80.9 | 22.6 | 602 | 240 | -1.50 | -10.3 | 11.0 | | | | | | |
| 507 | 330 | -1.84 | -40.0 | 16.4 | 355 | 330 | -2.81 | -61.1 | 19.0 | 603 | 230 | -1.70 | -10.4 | 15.3 | | | | | | |
| 508 | 120 | -3.93 | -64.5 | 18.9 | 356 | 330 | -2.61 | -57.7 | 20.0 | 604 | 240 | -1.44 | -9.4 | 9.7 | | | | | | |
| 509 | 120 | -3.67 | -60.0 | 20.4 | 357 | 340 | -2.14 | -44.7 | 20.7 | 605 | 70 | -1.46 | -10.2 | 9.6 | | | | | | |
| 510 | 330 | -2.83 | -62.2 | 25.9 | 358 | 330 | -1.82 | -44.0 | 20.8 | 606 | 70 | -1.49 | -10.9 | 10.8 | | | | | | |
| 511 | 330 | -2.87 | -63.2 | 27.0 | 359 | 340 | -1.44 | -31.1 | 20.5 | 607 | 330 | -1.68 | -36.9 | 10.3 | | | | | | |
| 512 | 340 | -1.39 | -32.6 | 24.0 | 360 | 340 | -1.24 | -27.7 | 20.0 | 608 | 330 | -2.47 | -32.3 | 13.2 | | | | | | |
| 513 | 340 | -1.66 | -36.9 | 23.8 | 361 | 120 | -1.67 | -33.6 | 18.4 | 609 | 40 | -1.25 | -17.5 | 13.7 | | | | | | |
| 514 | 340 | -1.50 | -32.9 | 25.7 | 362 | 120 | -2.40 | -50.2 | 21.0 | 610 | 30 | -1.67 | -24.7 | 13.1 | | | | | | |
| 515 | 10 | -1.21 | -26.7 | 25.9 | 363 | 120 | -2.59 | -57.7 | 21.3 | 611 | 250 | -1.64 | -13.5 | 14.0 | | | | | | |
| 516 | 120 | -2.19 | -48.2 | 24.4 | 364 | 340 | -2.68 | -58.9 | 16.8 | 612 | 240 | -1.89 | -17.9 | 19.5 | | | | | | |

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER
REFERENCE PRESSURE = 22.0 PSF

MAR 1

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | |
|-----|--------------|----------------|---------------|------|-----|--------------|----------------|---------------|------|-----|--------------|----------------|---------------|------|
| | | | PSF | PSF | | | | PSF | PSF | | | | PSF | PSF |
| 613 | 240 | .52 | -10.4 | 11.5 | 739 | 160 | -.85 | -18.7 | 9.5 | 911 | 120 | -1.91 | -42.0 | 3.5 |
| 614 | 240 | .79 | -10.0 | 17.7 | 740 | 180 | -.67 | -14.7 | 13.6 | 912 | 200 | -1.68 | -36.9 | 2.8 |
| 615 | 270 | .59 | -13.0 | 12.2 | 741 | 190 | -.81 | -17.8 | 12.8 | 913 | 230 | -1.63 | -35.9 | 1.0 |
| 616 | 230 | .54 | -10.2 | 11.8 | 742 | 180 | -.79 | -17.3 | 15.0 | 914 | 240 | -2.00 | -44.0 | 2.0 |
| 617 | 50 | .88 | -19.4 | 10.7 | 743 | 210 | -.65 | -23.2 | 15.9 | 915 | 120 | -2.12 | -46.5 | 8.6 |
| 618 | 50 | .98 | -21.5 | 12.4 | 744 | 210 | -.18 | -26.0 | 17.7 | 916 | 30 | -1.65 | -36.4 | 6.6 |
| 619 | 140 | .29 | -28.9 | 13.0 | 745 | 230 | -.67 | -36.8 | 15.8 | 917 | 230 | -2.69 | -59.1 | 3.3 |
| 701 | 30 | .69 | -37.2 | 21.0 | 746 | 220 | -.20 | -48.4 | 13.0 | 918 | 230 | -1.56 | -34.4 | 9.9 |
| 702 | 270 | .28 | -50.1 | 23.4 | 747 | 230 | -.89 | -41.6 | 14.9 | 919 | 120 | -1.92 | -42.3 | 16.5 |
| 703 | 270 | .33 | -73.1 | 24.1 | 748 | 210 | -.71 | -59.6 | 16.3 | 920 | 240 | -2.46 | -54.1 | 19.5 |
| 704 | 260 | .38 | -52.3 | 26.7 | 749 | 230 | -.88 | -41.3 | 19.9 | 921 | 80 | -2.33 | -51.2 | 2.2 |
| 705 | 270 | .37 | -52.4 | 27.4 | 750 | 230 | -.53 | -33.6 | 13.8 | 922 | 50 | -2.12 | -46.7 | 8.8 |
| 706 | 260 | .35 | -53.8 | 22.5 | 751 | 240 | -.94 | -20.8 | 14.5 | 923 | 30 | -1.96 | -43.2 | 7.7 |
| 707 | 270 | .61 | -55.7 | 22.5 | 752 | 250 | -.41 | -31.0 | 14.2 | 924 | 30 | -2.23 | -49.0 | 2.2 |
| 708 | 270 | .52 | -55.4 | 23.0 | 753 | 220 | -.71 | -59.6 | 7.7 | 925 | 230 | -2.50 | -55.0 | 1.9 |
| 709 | 270 | .39 | -55.5 | 22.5 | 754 | 220 | -.17 | -47.8 | 10.8 | 926 | 250 | -2.41 | -53.3 | 1.0 |
| 710 | 270 | .69 | -59.9 | 22.5 | 755 | 220 | -.09 | -46.1 | 12.9 | 927 | 120 | -1.51 | -33.2 | 2.4 |
| 711 | 270 | .98 | -66.6 | 22.2 | 756 | 220 | -.74 | -38.3 | 7.5 | 928 | 120 | -1.84 | -40.5 | 2.2 |
| 712 | 270 | .53 | -55.6 | 22.3 | 757 | 220 | -.26 | -48.8 | 13.4 | 929 | 120 | -1.50 | -33.0 | 2.2 |
| 713 | 260 | .69 | -59.4 | 22.3 | 758 | 210 | -.31 | -28.8 | 10.1 | 930 | 220 | -2.11 | -46.5 | 3.3 |
| 714 | 270 | .49 | -54.7 | 22.3 | 759 | 210 | -.33 | -29.2 | 18.4 | 931 | 230 | -1.97 | -43.2 | 1.9 |
| 715 | 260 | .49 | -54.4 | 22.5 | 760 | 210 | -.93 | -20.6 | 14.9 | 932 | 230 | -2.51 | -55.2 | 4.4 |
| 716 | 270 | .97 | -65.0 | 22.3 | 761 | 230 | -.78 | -17.2 | 13.4 | 933 | 240 | -3.76 | -82.7 | 6.8 |
| 717 | 270 | .86 | -63.3 | 22.3 | 762 | 240 | -.36 | -29.9 | 17.1 | 934 | 250 | -1.98 | -43.5 | 4.7 |
| 718 | 260 | .28 | -53.2 | 22.2 | 763 | 240 | -.41 | -31.1 | 11.9 | 935 | 180 | -1.89 | -41.7 | 8.8 |
| 719 | 260 | .28 | -72.3 | 19.9 | 764 | 240 | -.51 | -33.2 | 14.1 | 936 | 210 | -2.91 | -64.0 | 7.7 |
| 720 | 270 | .27 | -49.3 | 20.6 | 765 | 250 | -.14 | -23.0 | 23.5 | 937 | 250 | -1.68 | -37.0 | 1.1 |
| 721 | 260 | .23 | -49.1 | 18.7 | 766 | 210 | -.06 | -23.3 | 20.8 | 938 | 220 | -1.63 | -36.0 | 8.8 |
| 722 | 270 | .50 | -54.3 | 14.0 | 767 | 260 | -.16 | -25.6 | 13.6 | 939 | 220 | -2.05 | -45.1 | 9.9 |
| 723 | 260 | .92 | -64.3 | 14.2 | 801 | 60 | -.64 | -25.1 | 9.4 | 940 | 250 | -1.73 | -38.1 | 9.9 |
| 724 | 270 | .01 | -44.1 | 17.7 | 802 | 60 | -.56 | -12.3 | 8.2 | 941 | 250 | -1.75 | -38.4 | 8.8 |
| 725 | 230 | .07 | -43.5 | 13.7 | 803 | 70 | -.75 | -14.4 | 4.7 | 942 | 210 | -1.46 | -32.1 | 1.3 |
| 726 | 260 | .21 | -44.7 | 15.0 | 804 | 30 | -.61 | -13.4 | 9.7 | 943 | 230 | -2.10 | -46.2 | 9.9 |
| 727 | 240 | .55 | -56.8 | 14.4 | 805 | 30 | -.75 | -18.8 | 9.5 | 944 | 220 | -2.33 | -51.2 | 5.3 |
| 728 | 160 | .09 | -23.3 | 14.8 | 901 | 130 | -.49 | -34.7 | 10.4 | 945 | 250 | -2.49 | -54.9 | 1.0 |
| 729 | 160 | .89 | -19.9 | 14.1 | 902 | 260 | -.53 | -34.7 | 6.3 | 946 | 220 | -1.97 | -43.3 | 2.2 |
| 730 | 160 | .90 | -19.9 | 14.1 | 903 | 190 | -.38 | -33.7 | 5.7 | 947 | 240 | -1.26 | -27.7 | 8.8 |
| 731 | 160 | .96 | -21.2 | 12.2 | 904 | 190 | -.50 | -33.1 | 8.1 | 948 | 250 | -1.43 | -31.4 | 8.8 |
| 732 | 220 | .91 | -42.0 | 11.3 | 905 | 300 | -.22 | -48.0 | 8.9 | 949 | 210 | -2.52 | -55.5 | 1.1 |
| 733 | 220 | .55 | -34.1 | 13.3 | 906 | 120 | -.18 | -48.0 | 8.0 | 950 | 210 | -1.69 | -37.2 | 7.7 |
| 734 | 220 | .90 | -41.1 | 14.1 | 907 | 260 | -.77 | -38.7 | 5.5 | 951 | 240 | -1.99 | -43.7 | 6.6 |
| 735 | 230 | .17 | -25.5 | 8.8 | 908 | 200 | -.33 | -35.3 | 5.6 | 952 | 250 | -2.15 | -47.4 | 3.3 |
| 736 | 230 | .34 | -29.7 | 9.9 | 909 | 280 | -.42 | -35.5 | 5.9 | 953 | 220 | -1.69 | -37.1 | 7.7 |
| 737 | 160 | .12 | -24.3 | 8.9 | 910 | 190 | -.47 | -44.5 | 1.9 | 954 | 220 | -1.63 | -36.0 | 5.2 |
| 738 | 160 | .04 | -23.0 | 9.9 | | | | | | | | | | |

TABLE 6A. PEAK LOADS FOR CONFIGURATION A :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER MAR 1
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- |
|-----|--------------|----------------|----------------------------------|---------------------------|
| 527 | 120 | -4.07 | -89.5 | 24.3 |
| 501 | 330 | -4.07 | -89.5 | 21.4 |
| 536 | 120 | -3.92 | -86.3 | 23.7 |
| 933 | 240 | -3.76 | -82.7 | 6.8 |
| 544 | 110 | -3.76 | -82.6 | 24.1 |
| 518 | 120 | -3.76 | -82.6 | 26.3 |
| 509 | 120 | -3.67 | -80.7 | 20.4 |
| 554 | 110 | -3.66 | -80.5 | 22.6 |
| 401 | 190 | -3.48 | -76.5 | 27.1 |
| 535 | 120 | -3.38 | -74.3 | 24.6 |
| 526 | 120 | -3.36 | -74.0 | 24.7 |
| 545 | 120 | -3.34 | -73.4 | 22.9 |
| 703 | 270 | -3.33 | -73.4 | 24.1 |
| 719 | 260 | -3.28 | -72.3 | 19.9 |
| 517 | 120 | -3.28 | -72.1 | 24.4 |

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER MAR 1
REFERENCE PRESSURE = 22.0 PSF

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK | POSITIVE PEAK |
|-----|--------------|----------------|------------------|------------------|-----|--------------|----------------|------------------|------------------|-----|--------------|----------------|------------------|------------------|
| | | | ----- PSF | ----- PSF | | | | ----- PSF | ----- PSF | | | | ----- PSF | ----- PSF |
| 401 | 190 | -3.89 | -85.7 | 26.6 | 527 | 118 | -4.68 | -102.9 | 17.5 | 553 | 116 | -4.42 | -97.2 | 14.4 |
| 501 | 336 | -4.63 | -104.8 | 18.6 | 528 | 324 | -3.35 | -73.6 | 22.2 | 554 | 114 | -3.86 | -84.9 | 18.3 |
| 509 | 120 | -4.43 | -97.4 | 10.4 | 529 | 326 | -3.47 | -76.4 | 25.6 | 565 | 332 | -2.72 | -59.9 | 17.8 |
| 517 | 116 | -4.13 | -90.9 | 22.0 | 535 | 122 | -3.88 | -85.3 | 23.5 | 703 | 260 | -3.21 | -70.7 | 21.4 |
| 518 | 118 | -3.68 | -80.9 | 18.3 | 536 | 118 | -4.37 | -96.1 | 18.4 | 719 | 258 | -2.95 | -64.8 | 23.5 |
| 519 | 328 | -3.02 | -66.5 | 21.7 | 544 | 118 | -3.99 | -87.7 | 25.7 | 933 | 250 | -2.94 | -64.7 | 9.7 |
| 520 | 334 | -3.25 | -71.5 | 25.2 | 545 | 112 | -4.37 | -96.2 | 16.6 | 936 | 196 | -3.17 | -69.8 | 13.1 |
| 526 | 124 | -3.62 | -79.6 | 24.3 | | | | | | | | | | |

TABLE 6A. PEAK LOADS FOR CONFIGURATION B :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER MAR 1
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- |
|-----|--------------|----------------|-------------------------------|---------------------------|
| 527 | 118 | -4.68 | -102.9 | 17.5 |
| 501 | 336 | -4.63 | -101.8 | 18.6 |
| 509 | 120 | -4.43 | -97.4 | 10.4 |
| 553 | 116 | -4.42 | -97.2 | 14.4 |
| 545 | 112 | -4.37 | -96.2 | 16.6 |
| 536 | 118 | -4.37 | -96.1 | 18.4 |
| 517 | 116 | -4.13 | -90.9 | 22.0 |
| 544 | 118 | -3.99 | -87.7 | 25.7 |
| 401 | 190 | -3.89 | -85.7 | 26.6 |
| 535 | 122 | -3.88 | -85.3 | 23.5 |
| 554 | 114 | -3.86 | -84.9 | 18.3 |
| 518 | 118 | -3.68 | -80.9 | 18.3 |
| 526 | 124 | -3.62 | -79.6 | 24.3 |
| 529 | 326 | -3.47 | -76.4 | 25.6 |
| 528 | 324 | -3.35 | -73.6 | 22.2 |

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : RELIANCE CENTER, DENVER
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 22.0 PSF

MAR 1

| TAP | AZIMUTH | A CONFIG. PSF LOAD | AZIMUTH | B CONFIG. PSF LOAD |
|-----|---------|-----------------------|---------|-----------------------|
| 401 | 190 | -76.5 | 190 | -85.7 |
| 501 | 330 | -89.5 | 336 | -101.8 |
| 509 | 120 | -80.7 | 120 | -97.4 |
| 517 | 120 | -72.1 | 116 | -90.9 |
| 526 | 120 | -74.0 | 124 | -79.6 |
| 527 | 120 | -89.5 | 118 | -102.9 |
| 528 | 330 | -63.1 | 324 | -73.6 |
| 529 | 330 | -62.6 | 326 | -76.4 |
| 535 | 120 | -74.3 | 122 | -85.3 |
| 536 | 120 | -86.3 | 118 | -96.1 |
| 544 | 110 | -82.6 | 118 | -87.7 |
| 545 | 120 | -73.4 | 112 | -96.2 |
| 553 | 120 | -61.8 | 116 | -97.2 |
| 565 | 340 | -49.4 | 332 | -59.9 |
| 936 | 210 | -64.0 | 196 | -69.8 |

TABLE 6A. PEAK LOADS FOR CONFIGURATION C :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER (SHORTER BUILDING)
REFERENCE PRESSURE = 22.0 PSF

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- PSF | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- PSF | TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- PSF |
|-----|--------------|----------------|----------------------------------|----------------------------------|-----|--------------|----------------|----------------------------------|----------------------------------|-----|--------------|----------------|----------------------------------|----------------------------------|
| 505 | 130 | -1.83 | -4.0 | 19.6 | 550 | 340 | -1.29 | -28.4 | 24.7 | 920 | 240 | -2.01 | -4.4 | 18.1 |
| 506 | 320 | -1.65 | -3.6 | 19.2 | 551 | 340 | -1.04 | -22.9 | 21.9 | 921 | 40 | -1.96 | -4.4 | 11.1 |
| 507 | 110 | -1.51 | -3.3 | 22.4 | 552 | 120 | -1.32 | -29.1 | 20.0 | 922 | 50 | -1.59 | -3.3 | 16.1 |
| 508 | 130 | -1.56 | -3.3 | 22.0 | 553 | 120 | -2.25 | -49.4 | 27.0 | 923 | 20 | -1.71 | -3.3 | 11.1 |
| 510 | 330 | -1.58 | -3.3 | 22.7 | 554 | 120 | -2.35 | -51.8 | 24.4 | 924 | 10 | -1.67 | -3.3 | 11.1 |
| 511 | 330 | -1.17 | -1.6 | 22.9 | 555 | 330 | -1.80 | -39.6 | 17.7 | 925 | 230 | -2.01 | -4.4 | 23.5 |
| 512 | 330 | -1.00 | -1.4 | 22.8 | 556 | 330 | -1.85 | -40.8 | 20.3 | 926 | 230 | -1.19 | -2.6 | 21.1 |
| 514 | 350 | -1.51 | -3.3 | 22.5 | 557 | 330 | -1.92 | -42.3 | 20.3 | 927 | 120 | -1.09 | -2.6 | 22.1 |
| 515 | 200 | -1.27 | -1.3 | 22.7 | 558 | 330 | -1.70 | -37.4 | 18.8 | 928 | 120 | -1.57 | -3.3 | 25.3 |
| 516 | 130 | -1.29 | -1.3 | 22.6 | 559 | 330 | -1.07 | -23.6 | 18.2 | 929 | 120 | -1.15 | -2.6 | 22.2 |
| 517 | 130 | -1.11 | -1.3 | 22.9 | 560 | 120 | -1.88 | -19.4 | 18.9 | 930 | 230 | -1.33 | -3.3 | 19.7 |
| 518 | 120 | -1.84 | -6.6 | 23.1 | 570 | 120 | -1.27 | -27.9 | 16.4 | 931 | 220 | -1.22 | -3.3 | 15.3 |
| 519 | 320 | -1.11 | -1.1 | 22.8 | 571 | 120 | -1.39 | -27.5 | 19.5 | 932 | 230 | -1.40 | -3.3 | 22.2 |
| 520 | 330 | -1.11 | -1.1 | 22.8 | 572 | 140 | -1.90 | -41.7 | 22.2 | 933 | 240 | -1.85 | -4.4 | 11.1 |
| 521 | 330 | -1.11 | -1.1 | 22.8 | 573 | 330 | -1.71 | -15.7 | 14.6 | 934 | 230 | -2.00 | -4.4 | 11.1 |
| 522 | 330 | -1.11 | -1.1 | 22.8 | 574 | 330 | -1.84 | -18.4 | 14.4 | 935 | 230 | -2.16 | -4.4 | 12.1 |
| 523 | 340 | -1.11 | -1.1 | 22.8 | 575 | 330 | -1.73 | -16.1 | 14.3 | 936 | 210 | -2.53 | -5.5 | 16.1 |
| 524 | 340 | -1.11 | -1.1 | 22.8 | 576 | 330 | -1.39 | -39.8 | 15.6 | 937 | 230 | -1.37 | -3.3 | 11.1 |
| 525 | 210 | -1.18 | -1.1 | 22.5 | 577 | 330 | -2.08 | -45.8 | 16.8 | 938 | 230 | -1.42 | -3.3 | 10.6 |
| 526 | 130 | -1.11 | -1.1 | 22.9 | 578 | 330 | -1.55 | -27.5 | 14.8 | 939 | 220 | -1.14 | -2.6 | 15.5 |
| 527 | 120 | -1.64 | -6.6 | 22.4 | 579 | 330 | -1.14 | -14.9 | 14.8 | 940 | 250 | -1.26 | -3.3 | 15.3 |
| 528 | 320 | -1.09 | -1.0 | 22.6 | 580 | 500 | -1.65 | -14.3 | 13.5 | 941 | 260 | -1.40 | -3.3 | 15.3 |
| 529 | 330 | -1.31 | -3.3 | 22.7 | 581 | 600 | -1.65 | -14.3 | 13.9 | 942 | 230 | -1.23 | -3.3 | 15.3 |
| 530 | 330 | -1.78 | -6.6 | 22.6 | 582 | 800 | -1.68 | -15.1 | 11.4 | 943 | 230 | -1.08 | -3.3 | 13.3 |
| 531 | 330 | -1.11 | -1.1 | 22.4 | 583 | 700 | -1.01 | -22.1 | 10.1 | 944 | 230 | -1.84 | -4.4 | 14.4 |
| 532 | 330 | -1.11 | -1.1 | 22.8 | 584 | 700 | -1.38 | -30.3 | 11.6 | 945 | 260 | -1.55 | -3.3 | 10.2 |
| 533 | 300 | -1.38 | -3.3 | 22.2 | 585 | 1600 | -1.94 | -42.6 | 8.4 | 946 | 220 | -1.71 | -4.4 | 9.9 |
| 534 | 130 | -1.11 | -1.1 | 22.7 | 586 | 1900 | -1.66 | -36.4 | 10.7 | 947 | 260 | -1.05 | -3.3 | 9.7 |
| 535 | 130 | -1.11 | -1.1 | 22.4 | 587 | 1900 | -1.35 | -28.8 | 11.4 | 948 | 260 | -1.04 | -3.3 | 6.6 |
| 536 | 130 | -1.11 | -1.1 | 22.5 | 588 | 330 | -1.30 | -28.7 | 13.0 | 949 | 210 | -1.57 | -4.4 | 11.1 |
| 537 | 120 | -1.77 | -6.6 | 22.3 | 589 | 330 | -1.82 | -40.1 | 13.2 | 950 | 200 | -1.21 | -3.3 | 13.3 |
| 538 | 320 | -1.11 | -1.1 | 22.4 | 590 | 330 | -1.80 | -39.7 | 12.8 | 951 | 240 | -1.46 | -4.4 | 10.2 |
| 539 | 330 | -1.11 | -1.1 | 22.3 | 591 | 1900 | -1.60 | -35.1 | 10.7 | 952 | 250 | -1.28 | -3.3 | 10.2 |
| 540 | 330 | -1.11 | -1.1 | 22.6 | 592 | 1900 | -1.37 | -30.1 | 11.1 | 953 | 220 | -1.49 | -4.4 | 9.9 |
| 541 | 330 | -1.11 | -1.1 | 22.3 | 593 | 2200 | -1.44 | -31.7 | 11.1 | 954 | 230 | -1.04 | -3.3 | 11.1 |
| 542 | 441 | -1.32 | -3.3 | 22.6 | 594 | 1700 | -1.26 | -27.8 | 9.4 | 955 | 220 | -1.59 | -4.4 | 13.3 |
| 543 | 442 | -1.13 | -1.3 | 22.4 | 595 | 2300 | -1.48 | -32.6 | 8.2 | 956 | 250 | -1.84 | -4.4 | 11.1 |
| 544 | 443 | -1.09 | -1.0 | 22.9 | 596 | 2400 | -1.34 | -29.6 | 8.8 | 957 | 240 | -1.47 | -4.4 | 10.2 |
| 545 | 120 | -1.11 | -1.1 | 22.1 | 597 | 2300 | -1.64 | -36.0 | 16.4 | 958 | 260 | -1.91 | -4.4 | 10.2 |
| 546 | 130 | -1.11 | -1.1 | 22.6 | 598 | 2300 | -1.93 | -42.4 | 16.4 | 959 | 230 | -1.95 | -4.4 | 16.1 |
| 547 | 330 | -1.11 | -1.1 | 22.6 | 599 | 2300 | -1.40 | -30.8 | 11.1 | 960 | 210 | -1.57 | -4.4 | 14.4 |
| 548 | 340 | -1.74 | -6.6 | 22.3 | 600 | 3300 | -1.40 | -30.8 | 11.1 | 961 | 220 | -2.47 | -4.4 | 12.2 |
| 549 | 340 | -1.11 | -1.1 | 22.8 | 601 | 3300 | -1.46 | -32.1 | 30.0 | 962 | 220 | -1.59 | -4.4 | 14.4 |
| 550 | 340 | -1.11 | -1.1 | 22.8 | 602 | 3300 | -1.59 | -35.0 | 17.9 | | | | | |

TABLE 6A. PEAK LOADS FOR CONFIGURATION C :
LARGEST VALUES OF CLADDING LOAD

RELIANCE CENTER, DENVER (SHORTER BUILDING)
REFERENCE PRESSURE = 22.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

| TAP | AZI- MUTH | PRESS COEFF | NEGATIVE PEAK ----- PSF | POSITIVE PEAK ----- |
|-----|--------------|----------------|----------------------------------|---------------------------|
| 501 | 330 | -3.17 | -69.8 | 24.6 |
| 511 | 330 | -3.17 | -69.8 | 29.6 |
| 517 | 130 | -3.11 | -68.3 | 29.0 |
| 527 | 120 | -3.09 | -68.0 | 26.6 |
| 526 | 120 | -3.04 | -66.9 | 24.3 |
| 518 | 120 | -2.84 | -62.6 | 31.5 |
| 529 | 330 | -2.78 | -61.2 | 26.6 |
| 536 | 120 | -2.77 | -60.9 | 27.3 |
| 535 | 130 | -2.75 | -60.6 | 25.9 |
| 547 | 330 | -2.74 | -60.2 | 21.9 |
| 544 | 120 | -2.68 | -58.9 | 25.1 |
| 510 | 330 | -2.58 | -56.8 | 27.3 |
| 519 | 320 | -2.58 | -56.7 | 28.3 |
| 508 | 130 | -2.56 | -56.2 | 22.0 |
| 936 | 210 | -2.55 | -56.2 | 16.0 |

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : RELIANCE CENTER, DENVER
 CONFIGURATION A REFERENCE PRESSURE 22.0 GUST FACTOR 1.32

FEB 23, 1982

| AZIMUTH | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | | ECCEN (FT) | |
|---------|--------------|---------|-----------------------|---------|-------|------------|------|
| | X | Y | X | Y | Z | X | Y |
| 0 | -1373.0 | -1263.5 | 678.9 | -574.5 | 86.5 | -31 | 34 |
| 10 | -1936.3 | -904.3 | 497.9 | -775.5 | 61.8 | -12 | 26 |
| 20 | -2299.3 | -570.5 | 298.3 | -911.3 | 46.7 | -5 | 19 |
| 30 | -2939.9 | -411.1 | 184.3 | -1148.7 | 39.1 | -2 | 13 |
| 40 | -2957.5 | -201.5 | 66.8 | -1162.5 | 25.5 | -1 | 9 |
| 50 | -2761.7 | 139.0 | -112.2 | -1098.1 | 5.6 | 0 | 2 |
| 60 | -2668.9 | 549.0 | -310.1 | -1023.2 | -1.5 | -1 | -6 |
| 70 | -2461.0 | 979.7 | -489.1 | -917.7 | -3.3 | -5 | -12 |
| 80 | -2016.7 | 958.9 | -464.8 | -754.3 | -3.7 | -7 | -15 |
| 90 | -1445.2 | 769.9 | -373.3 | -561.2 | -3.2 | -9 | -18 |
| 100 | -889.1 | 430.0 | -198.9 | -361.9 | -3.2 | -15 | -30 |
| 110 | -950.7 | 368.5 | -150.9 | -395.9 | -5.6 | -20 | -35 |
| 120 | -1769.8 | 843.3 | -351.2 | -779.9 | -12.5 | -28 | -58 |
| 130 | -2379.8 | 1339.6 | -553.3 | -1130.6 | -18.9 | -38 | -89 |
| 140 | -2074.2 | 1539.6 | -657.3 | -1013.3 | -21.2 | -50 | -127 |
| 150 | -1146.4 | 1573.1 | -671.9 | -576.5 | -22.2 | -60 | -166 |
| 160 | -91.8 | 1603.9 | -629.6 | -75.0 | -23.5 | -60 | -166 |
| 170 | 1199.7 | 1122.0 | -393.3 | 478.3 | -23.3 | -51 | -155 |
| 180 | 2531.0 | 382.1 | -71.2 | 1024.0 | -14.5 | -9 | -35 |
| 190 | 3936.8 | -119.7 | 73.3 | 1583.2 | -12.5 | -1 | -33 |
| 200 | 4793.7 | 167.5 | -101.0 | 1828.1 | -8.6 | 1 | -18 |
| 210 | 5152.2 | 296.1 | -111.3 | 1927.0 | -4.5 | 1 | -9 |
| 220 | 5490.9 | 153.6 | -41.6 | 2039.3 | -4.4 | 0 | -1 |
| 230 | 5594.0 | -106.7 | 60.1 | 2073.1 | -3.7 | 0 | 0 |
| 240 | 5240.9 | -180.5 | 87.6 | 1939.4 | -8.3 | 1 | 16 |
| 250 | 4649.5 | -247.8 | 111.4 | 1722.9 | -11.7 | 1 | 33 |
| 260 | 4012.9 | -15.3 | 11.7 | 1522.2 | -15.3 | 0 | 33 |
| 270 | 2776.9 | 46.0 | -65.3 | 1070.7 | -16.5 | -1 | 35 |
| 280 | 1580.5 | -844.0 | 310.1 | 559.6 | -11.7 | -3 | 38 |
| 290 | 372.9 | -1486.5 | 575.0 | 55.6 | -5.8 | -3 | 37 |
| 300 | -1117.9 | -1813.5 | 708.8 | -575.6 | -1.1 | -5 | 34 |
| 310 | -2221.6 | -1601.7 | 638.7 | -1042.1 | 9.6 | -2 | 28 |
| 320 | -2181.6 | -1115.5 | 436.4 | -948.0 | 16.0 | -3 | 38 |
| 330 | -2604.8 | -1119.8 | 433.6 | -1071.1 | 19.1 | -2 | 62 |
| 340 | -2249.3 | -1836.5 | 776.9 | -880.9 | 16.5 | -3 | 44 |
| 350 | -1607.4 | -1658.8 | 801.2 | -662.5 | 12.2 | -3 | 37 |

TABLE 7 SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|---------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | | | 678.9 | -574.5 | 86.5 |
| 2ND | 18.00 | -22.7 | -5.3 | 4676 | 2811 | -4.9 | -1.9 | -5 | 22 | -1373.0 | -1263.5 | 656.2 | -550.0 | 85.9 |
| 3RD | 30.50 | -15.0 | -2.9 | 3247 | 1952 | -4.6 | -1.5 | -5 | 24 | -1350.3 | -1258.2 | 640.5 | -533.2 | 85.6 |
| 4TH | 43.00 | -14.9 | -2.4 | 3247 | 1952 | -4.6 | -1.2 | -4 | 26 | -1335.3 | -1255.3 | 624.8 | -516.6 | 85.2 |
| 6TH | 65.00 | -26.3 | -3.4 | 5715 | 3436 | -4.6 | -1.0 | -4 | 28 | -1320.4 | -1252.9 | 597.3 | -487.8 | 84.4 |
| 7TH | 77.50 | -15.1 | -1.7 | 3247 | 1952 | -4.6 | -.9 | -3 | 29 | -1294.1 | -1249.5 | 581.7 | -471.7 | 84.0 |
| 8TH | 90.00 | -14.4 | -1.5 | 3247 | 1952 | -4.4 | -.8 | -3 | 31 | -1279.0 | -1247.8 | 566.1 | -455.8 | 83.5 |
| 9TH | 102.50 | -13.7 | -1.4 | 3247 | 1952 | -4.2 | -.7 | -3 | 33 | -1264.6 | -1246.3 | 550.5 | -440.1 | 83.1 |
| 10TH | 115.00 | -12.9 | -1.2 | 3247 | 1952 | -4.0 | -.6 | -3 | 36 | -1250.9 | -1244.9 | 535.0 | -424.6 | 82.6 |
| 11TH | 127.50 | -12.2 | -1.0 | 3247 | 1952 | -3.8 | -.5 | -3 | 39 | -1237.9 | -1243.7 | 519.5 | -409.2 | 82.1 |
| 12TH | 140.00 | -11.4 | -.8 | 3247 | 1952 | -3.5 | -.4 | -3 | 43 | -1225.8 | -1242.7 | 503.9 | -393.9 | 81.6 |
| 14TH | 152.50 | -11.2 | -1.0 | 3247 | 1952 | -3.5 | -.5 | -4 | 46 | -1214.3 | -1241.8 | 488.4 | -378.8 | 81.1 |
| 15TH | 165.00 | -11.8 | -1.5 | 3247 | 1952 | -3.6 | -.7 | -6 | 48 | -1203.1 | -1240.9 | 472.9 | -363.8 | 80.5 |
| 16TH | 177.50 | -12.3 | -2.0 | 3247 | 1952 | -3.8 | -1.0 | -8 | 50 | -1191.3 | -1239.4 | 457.4 | -349.0 | 79.9 |
| 17TH | 190.00 | -12.8 | -2.4 | 3247 | 1952 | -4.0 | -1.3 | -10 | 51 | -1179.0 | -1237.4 | 442.0 | -334.4 | 79.2 |
| 18TH | 202.50 | -13.4 | -2.9 | 3247 | 1952 | -4.1 | -1.5 | -12 | 53 | -1166.2 | -1235.0 | 426.6 | -319.9 | 78.5 |
| 19TH | 215.00 | -13.9 | -3.4 | 3247 | 1952 | -4.3 | -1.8 | -13 | 54 | -1152.8 | -1232.1 | 411.2 | -305.6 | 77.7 |
| 20TH | 227.50 | -14.5 | -3.9 | 3247 | 1952 | -4.5 | -2.0 | -15 | 55 | -1138.9 | -1228.6 | 395.8 | -291.4 | 76.8 |
| 21ST | 240.00 | -15.4 | -4.5 | 3247 | 1952 | -4.7 | -2.3 | -16 | 55 | -1124.4 | -1224.7 | 380.6 | -277.5 | 75.9 |
| 22ND | 252.50 | -17.0 | -5.3 | 3247 | 1952 | -5.2 | -2.7 | -17 | 54 | -1109.1 | -1220.2 | 365.3 | -263.7 | 74.9 |
| 23RD | 265.00 | -18.6 | -6.0 | 3247 | 1952 | -5.7 | -3.1 | -17 | 53 | -1092.1 | -1214.9 | 350.2 | -250.2 | 73.8 |
| 24TH | 277.50 | -20.2 | -6.8 | 3247 | 1952 | -6.2 | -3.5 | -18 | 52 | -1073.5 | -1208.9 | 335.1 | -236.9 | 72.7 |
| 25TH | 290.00 | -21.8 | -7.6 | 3247 | 1952 | -6.7 | -3.9 | -18 | 52 | -1053.3 | -1202.1 | 320.1 | -223.8 | 71.4 |
| 26TH | 302.50 | -23.4 | -8.3 | 3247 | 1952 | -7.2 | -4.3 | -18 | 51 | -1031.6 | -1194.5 | 305.3 | -211.1 | 70.1 |
| 27TH | 315.00 | -25.0 | -9.1 | 3247 | 1952 | -7.7 | -4.7 | -18 | 51 | -1008.2 | -1186.2 | 290.5 | -198.6 | 68.6 |
| | | -26.3 | -10.0 | 3247 | 1952 | -8.1 | -5.1 | -19 | 50 | -983.2 | -1177.1 | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 0 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | -26.7 | -11.3 | 3247 | 1952 | -8.2 | -5.8 | -21 | 49 | -956.9 | -1167.1 | 275.8 | -186.5 | 67.1 |
| 29TH | 340.00 | -27.1 | -12.6 | 3247 | 1952 | -8.3 | -6.4 | -22 | 48 | -930.2 | -1155.8 | 261.3 | -174.7 | 65.6 |
| 30TH | 352.50 | -27.4 | -13.8 | 3247 | 1952 | -8.5 | -7.1 | -24 | 47 | -903.2 | -1143.3 | 247.0 | -163.3 | 64.0 |
| 31ST | 365.00 | -27.8 | -15.1 | 3247 | 1952 | -8.6 | -7.7 | -25 | 46 | -875.7 | -1129.4 | 232.7 | -152.1 | 62.4 |
| 32ND | 377.50 | -28.2 | -16.4 | 3247 | 1952 | -8.7 | -8.4 | -26 | 45 | -847.9 | -1114.3 | 218.7 | -141.4 | 60.7 |
| 33RD | 390.00 | -28.6 | -17.7 | 3247 | 1952 | -8.8 | -9.1 | -27 | 44 | -819.7 | -1097.9 | 204.9 | -130.9 | 59.0 |
| 34TH | 402.50 | -29.5 | -19.4 | 3247 | 1952 | -9.1 | -9.9 | -28 | 43 | -791.1 | -1080.3 | 191.3 | -120.9 | 57.3 |
| 35TH | 415.00 | -31.1 | -22.2 | 3247 | 1952 | -9.6 | -11.4 | -29 | 41 | -761.5 | -1060.8 | 177.9 | -111.2 | 55.5 |
| 36TH | 427.50 | -31.7 | -25.0 | 3247 | 1952 | -9.8 | -12.8 | -31 | 39 | -730.4 | -1038.6 | 164.8 | -101.9 | 53.6 |
| 37TH | 440.00 | -32.3 | -27.8 | 3247 | 1952 | -9.9 | -14.3 | -32 | 37 | -698.7 | -1013.6 | 152.0 | -92.9 | 51.6 |
| 38TH | 452.50 | -32.9 | -30.6 | 3247 | 1952 | -10.1 | -15.7 | -33 | 35 | -666.4 | -985.8 | 139.5 | -84.4 | 49.5 |
| 39TH | 465.00 | -33.5 | -33.5 | 3247 | 1952 | -10.3 | -17.1 | -33 | 33 | -633.5 | -955.1 | 127.3 | -76.3 | 47.4 |
| 40TH | 477.50 | -34.1 | -36.3 | 3247 | 1952 | -10.5 | -18.6 | -34 | 32 | -600.0 | -921.7 | 115.6 | -68.6 | 45.1 |
| MECH | 490.00 | -60.4 | -69.4 | 5715 | 3436 | -10.6 | -20.2 | -34 | 30 | -566.0 | -885.4 | 104.3 | -61.3 | 42.8 |
| 43RD | 512.00 | -34.0 | -41.7 | 3247 | 1952 | -10.5 | -21.3 | -35 | 28 | -505.5 | -816.1 | 85.6 | -49.5 | 38.7 |
| 44TH | 524.50 | -33.7 | -43.3 | 3247 | 1952 | -10.4 | -22.2 | -35 | 28 | -471.6 | -774.4 | 75.6 | -43.4 | 36.2 |
| 45TH | 537.00 | -33.4 | -44.9 | 3247 | 1952 | -10.3 | -23.0 | -36 | 27 | -437.9 | -731.1 | 66.2 | -37.7 | 33.8 |
| 46TH | 549.50 | -33.1 | -46.5 | 3247 | 1952 | -10.2 | -23.8 | -36 | 26 | -404.5 | -686.2 | 57.4 | -32.4 | 31.3 |
| 47TH | 562.00 | -32.9 | -48.2 | 3247 | 1952 | -10.1 | -24.7 | -36 | 25 | -371.4 | -639.7 | 49.1 | -27.6 | 28.8 |
| 48TH | 574.50 | -32.6 | -49.8 | 3247 | 1952 | -10.0 | -25.5 | -37 | 24 | -338.5 | -591.5 | 41.4 | -23.1 | 26.2 |
| 49TH | 587.00 | -32.0 | -50.9 | 3247 | 1952 | -9.9 | -26.1 | -36 | 23 | -305.9 | -541.7 | 34.3 | -19.1 | 23.6 |
| 50TH | 599.50 | -31.4 | -51.9 | 3247 | 1952 | -9.7 | -26.6 | -36 | 22 | -273.9 | -490.9 | 27.9 | -15.5 | 21.0 |
| 51ST | 612.00 | -30.8 | -52.9 | 3247 | 1952 | -9.5 | -27.1 | -36 | 21 | -242.5 | -439.0 | 22.1 | -12.3 | 18.5 |
| 52ND | 624.50 | -30.2 | -53.9 | 3247 | 1952 | -9.3 | -27.6 | -36 | 20 | -211.6 | -386.1 | 16.9 | -9.4 | 15.9 |
| 53RD | 637.00 | -29.6 | -54.9 | 3247 | 1952 | -9.1 | -28.1 | -35 | 19 | -181.4 | -332.2 | 12.4 | -7.0 | 13.4 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|---|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|------|------|
| RELIANCE CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | |
| WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32 | | | | | | | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -29.0 | -55.9 | 3247 | 1952 | -8.9 | -28.6 | -35 | 18 | -151.8 | -277.3 | 8.6 | -4.9 | 10.9 |
| 55TH | 662.00 | -28.5 | -56.9 | 3247 | 1952 | -8.8 | -29.2 | -35 | 17 | -122.7 | -221.4 | 5.5 | -3.2 | 8.4 |
| 56TH | 674.50 | -32.1 | -58.9 | 3247 | 2067 | -9.9 | -28.5 | -27 | 15 | -94.3 | -164.4 | 3.1 | -1.8 | 5.9 |
| 57TH | 687.00 | -29.8 | -53.4 | 3247 | 2039 | -9.2 | -26.2 | -29 | 16 | -62.2 | -105.6 | 1.4 | -.8 | 3.9 |
| PARA | 699.50 | -32.3 | -52.2 | 3507 | 2157 | -9.2 | -24.2 | -26 | 16 | -32.3 | -52.2 | .4 | -.2 | 1.9 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -29.4 | .0 | 4676 | 2811 | -6.3 | .0 | 0 | 16 | -1936.3 | -904.3 | 497.9 | -775.5 | 61.8 |
| 2ND | 18.00 | -18.9 | .8 | 3247 | 1952 | -5.8 | .4 | 1 | 17 | -1906.9 | -904.3 | 481.6 | -740.9 | 61.3 |
| 3RD | 30.50 | -19.6 | 1.3 | 3247 | 1952 | -6.0 | .7 | 1 | 22 | -1888.0 | -905.1 | 470.3 | -717.2 | 61.0 |
| 4TH | 43.00 | -36.6 | 2.8 | 5715 | 3436 | -6.4 | .8 | 2 | 23 | -1868.3 | -906.4 | 459.0 | -693.7 | 60.6 |
| 6TH | 65.00 | -24.1 | 1.6 | 3247 | 1952 | -7.4 | .8 | 2 | 23 | -1831.7 | -909.1 | 439.0 | -653.0 | 59.7 |
| 7TH | 77.50 | -25.1 | 1.6 | 3247 | 1952 | -7.7 | .8 | 2 | 23 | -1807.6 | -910.8 | 427.6 | -630.3 | 59.2 |
| 8TH | 90.00 | -25.7 | 1.7 | 3247 | 1952 | -7.9 | .8 | 2 | 24 | -1782.6 | -912.4 | 416.2 | -607.8 | 58.6 |
| 9TH | 102.50 | -26.3 | 1.7 | 3247 | 1952 | -8.1 | .9 | 2 | 24 | -1756.9 | -914.0 | 404.8 | -585.7 | 58.0 |
| 10TH | 115.00 | -26.9 | 1.7 | 3247 | 1952 | -8.3 | .9 | 2 | 25 | -1730.6 | -915.7 | 393.4 | -563.9 | 57.3 |
| 11TH | 127.50 | -27.5 | 1.7 | 3247 | 1952 | -8.5 | .9 | 2 | 25 | -1703.7 | -917.4 | 381.9 | -542.5 | 56.7 |
| 12TH | 140.00 | -27.5 | 1.7 | 3247 | 1952 | -8.5 | .9 | 2 | 25 | -1676.2 | -919.2 | 370.4 | -521.3 | 56.0 |
| 14TH | 152.50 | -28.1 | 1.4 | 3247 | 1952 | -8.6 | .7 | 1 | 25 | -1648.2 | -920.5 | 358.9 | -500.6 | 55.3 |
| 15TH | 165.00 | -28.5 | .6 | 3247 | 1952 | -8.8 | .3 | 1 | 25 | -1619.6 | -921.1 | 347.4 | -480.1 | 54.5 |
| 16TH | 177.50 | -29.0 | -.2 | 3247 | 1952 | -8.9 | -.1 | -0 | 25 | -1590.6 | -920.9 | 335.9 | -460.1 | 53.8 |
| 17TH | 190.00 | -29.5 | -1.0 | 3247 | 1952 | -9.1 | -.5 | -1 | 24 | -1561.2 | -919.9 | 324.4 | -440.4 | 53.1 |
| 18TH | 202.50 | -29.9 | -1.8 | 3247 | 1952 | -9.2 | -.9 | -1 | 24 | -1531.2 | -918.1 | 312.9 | -421.0 | 52.4 |
| 19TH | 215.00 | -30.4 | -2.6 | 3247 | 1952 | -9.4 | -1.3 | -2 | 23 | -1500.8 | -915.5 | 301.5 | -402.1 | 51.7 |
| 20TH | 227.50 | -30.9 | -3.4 | 3247 | 1952 | -9.5 | -1.7 | -3 | 23 | -1469.9 | -912.1 | 290.0 | -383.5 | 50.9 |
| 21ST | 240.00 | -31.2 | -4.3 | 3247 | 1952 | -9.6 | -2.2 | -3 | 23 | -1438.7 | -907.8 | 278.7 | -365.3 | 50.2 |
| 22ND | 252.50 | -31.3 | -5.2 | 3247 | 1952 | -9.6 | -2.7 | -4 | 23 | -1407.4 | -902.6 | 267.3 | -347.6 | 49.5 |
| 23RD | 265.00 | -31.4 | -6.1 | 3247 | 1952 | -9.7 | -3.1 | -4 | 23 | -1375.9 | -896.5 | 256.1 | -330.2 | 48.8 |
| 24TH | 277.50 | -31.5 | -7.1 | 3247 | 1952 | -9.7 | -3.6 | -5 | 23 | -1344.4 | -889.4 | 244.9 | -313.2 | 48.0 |
| 25TH | 290.00 | -31.6 | -8.0 | 3247 | 1952 | -9.7 | -4.1 | -6 | 22 | -1312.8 | -881.4 | 233.9 | -296.5 | 47.3 |
| 26TH | 302.50 | -31.7 | -9.0 | 3247 | 1952 | -9.8 | -4.6 | -6 | 22 | -1281.1 | -872.4 | 222.9 | -280.3 | 46.5 |
| 27TH | 315.00 | -31.8 | -9.9 | 3247 | 1952 | -9.8 | -5.1 | -7 | 22 | -1249.2 | -862.5 | 212.1 | -264.5 | 45.7 |
| | | -32.0 | -10.7 | 3247 | 1952 | -9.9 | -5.5 | -7 | 22 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -32.6 | -11.3 | 3247 | 1952 | -10.0 | -5.8 | -8 | 22 | -1217.2 | -851.8 | 201.3 | -249.1 | 44.9 |
| 29TH | 340.00 | -33.2 | -11.8 | 3247 | 1952 | -10.2 | -6.1 | -8 | 22 | -1184.6 | -840.5 | 190.8 | -234.1 | 44.1 |
| 30TH | 352.50 | -33.8 | -12.4 | 3247 | 1952 | -10.4 | -6.3 | -8 | 22 | -1151.4 | -828.7 | 180.3 | -219.5 | 43.3 |
| 31ST | 365.00 | -34.4 | -12.9 | 3247 | 1952 | -10.6 | -6.6 | -8 | 23 | -1117.6 | -816.3 | 170.1 | -205.3 | 42.4 |
| 32ND | 377.50 | -35.0 | -13.4 | 3247 | 1952 | -10.8 | -6.9 | -9 | 23 | -1083.2 | -803.4 | 159.9 | -191.6 | 41.5 |
| 33RD | 390.00 | -35.6 | -14.0 | 3247 | 1952 | -11.0 | -7.2 | -9 | 23 | -1048.2 | -790.0 | 150.0 | -178.2 | 40.6 |
| 34TH | 402.50 | -36.1 | -14.8 | 3247 | 1952 | -11.1 | -7.6 | -10 | 23 | -1012.6 | -776.0 | 140.2 | -165.4 | 39.7 |
| 35TH | 415.00 | -36.3 | -16.3 | 3247 | 1952 | -11.2 | -8.3 | -11 | 24 | -976.5 | -761.2 | 130.6 | -152.9 | 38.7 |
| 36TH | 427.50 | -36.2 | -17.7 | 3247 | 1952 | -11.2 | -9.1 | -12 | 25 | -940.3 | -744.9 | 121.2 | -140.9 | 37.7 |
| 37TH | 440.00 | -36.2 | -19.2 | 3247 | 1952 | -11.2 | -9.8 | -13 | 25 | -904.0 | -727.1 | 112.0 | -129.4 | 36.5 |
| 38TH | 452.50 | -36.2 | -20.7 | 3247 | 1952 | -11.1 | -10.6 | -15 | 26 | -867.8 | -707.9 | 103.0 | -118.3 | 35.4 |
| 39TH | 465.00 | -36.2 | -22.2 | 3247 | 1952 | -11.1 | -11.3 | -16 | 26 | -831.6 | -687.2 | 94.3 | -107.7 | 34.1 |
| 40TH | 477.50 | -36.1 | -23.6 | 3247 | 1952 | -11.1 | -12.1 | -17 | 26 | -795.5 | -665.1 | 85.8 | -97.6 | 32.9 |
| MECH | 490.00 | -64.6 | -45.2 | 5715 | 3436 | -11.3 | -13.2 | -18 | 26 | -759.3 | -641.5 | 77.7 | -87.8 | 31.5 |
| 43RD | 512.00 | -38.0 | -27.8 | 3247 | 1952 | -11.7 | -14.2 | -19 | 26 | -694.8 | -596.3 | 64.0 | -71.8 | 29.0 |
| 44TH | 524.50 | -38.9 | -29.3 | 3247 | 1952 | -12.0 | -15.0 | -20 | 26 | -656.8 | -568.5 | 56.8 | -63.4 | 27.5 |
| 45TH | 537.00 | -39.9 | -30.8 | 3247 | 1952 | -12.3 | -15.8 | -20 | 26 | -617.9 | -539.3 | 49.8 | -55.4 | 25.9 |
| 46TH | 549.50 | -40.8 | -32.3 | 3247 | 1952 | -12.6 | -16.5 | -20 | 26 | -578.0 | -508.5 | 43.3 | -48.0 | 24.3 |
| 47TH | 562.00 | -41.7 | -33.8 | 3247 | 1952 | -12.9 | -17.3 | -21 | 26 | -537.2 | -476.2 | 37.1 | -41.0 | 22.5 |
| 48TH | 574.50 | -42.7 | -35.3 | 3247 | 1952 | -13.1 | -18.1 | -21 | 26 | -495.5 | -442.4 | 31.4 | -34.5 | 20.8 |
| 49TH | 587.00 | -43.3 | -36.6 | 3247 | 1952 | -13.3 | -18.7 | -21 | 25 | -452.8 | -407.1 | 26.1 | -28.6 | 18.9 |
| 50TH | 599.50 | -43.9 | -37.8 | 3247 | 1952 | -13.5 | -19.3 | -21 | 25 | -409.5 | -370.5 | 21.2 | -23.2 | 17.1 |
| 51ST | 612.00 | -44.5 | -39.0 | 3247 | 1952 | -13.7 | -20.0 | -22 | 25 | -365.6 | -332.7 | 16.8 | -18.4 | 15.1 |
| 52ND | 624.50 | -45.1 | -40.2 | 3247 | 1952 | -13.9 | -20.6 | -22 | 24 | -321.1 | -293.8 | 12.9 | -14.1 | 13.2 |
| 53RD | 637.00 | -45.7 | -41.4 | 3247 | 1952 | -14.1 | -21.2 | -22 | 24 | -276.0 | -253.6 | 9.5 | -10.3 | 11.2 |

| TABLE 7. SHEAR AND MOMENT DIAGRAM 1 | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
|-------------------------------------|--------|-------------------------|-------|--------------|------|----------------|-------|------------|----|-----------------------------|--------|-----------------------|------|-----|
| WIND DIRECTION 10 | | CONFIGURATION A | | | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | -230.3 | -212.3 | 6.6 | -7.2 | 9.2 |
| 55TH | 662.00 | -46.3 | -42.5 | 3247 | 1952 | -14.3 | -21.8 | -22 | 24 | -184.0 | -169.7 | 4.2 | -4.6 | 7.2 |
| 56TH | 674.50 | -46.9 | -43.7 | 3247 | 1952 | -14.4 | -22.4 | -22 | 24 | -137.1 | -126.0 | 2.3 | -2.6 | 5.1 |
| 57TH | 687.00 | -48.3 | -45.2 | 3247 | 2067 | -14.9 | -21.9 | -18 | 19 | -88.8 | -80.7 | 1.1 | -1.2 | 3.4 |
| PARA | 699.50 | -44.1 | -40.8 | 3247 | 2039 | -13.6 | -20.0 | -20 | 21 | -44.7 | -39.9 | .3 | -.3 | 1.7 |
| TOP | 714.67 | -44.7 | -39.9 | 3507 | 2157 | -12.8 | -18.5 | -19 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 20 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -2299.3 | -570.5 | 298.3 | -911.3 | 46.7 |
| 2ND | 18.00 | -41.7 | -1.3 | 4676 | 2811 | -8.9 | -.5 | -1 | 18 | -2257.5 | -569.2 | 288.0 | -870.3 | 46.0 |
| 3RD | 30.50 | -26.9 | -.6 | 3247 | 1952 | -8.3 | -.3 | -0 | 18 | -2230.7 | -568.6 | 280.9 | -842.2 | 45.5 |
| 4TH | 43.00 | -27.6 | -.4 | 3247 | 1952 | -8.5 | -.2 | -0 | 21 | -2203.1 | -568.2 | 273.8 | -814.5 | 44.9 |
| 6TH | 65.00 | -51.0 | -.6 | 5715 | 3436 | -8.9 | -.2 | -0 | 21 | -2152.1 | -567.6 | 261.3 | -766.6 | 43.8 |
| 7TH | 77.50 | -34.3 | -.4 | 3247 | 1952 | -10.6 | -.2 | -0 | 19 | -2117.8 | -567.3 | 254.2 | -739.9 | 43.2 |
| 8TH | 90.00 | -35.1 | -.4 | 3247 | 1952 | -10.8 | -.2 | -0 | 19 | -2082.7 | -566.9 | 247.1 | -713.7 | 42.5 |
| 9TH | 102.50 | -34.9 | -.4 | 3247 | 1952 | -10.8 | -.2 | -0 | 19 | -2047.8 | -566.5 | 240.0 | -687.9 | 41.8 |
| 10TH | 115.00 | -34.8 | -.4 | 3247 | 1952 | -10.7 | -.2 | -0 | 19 | -2013.0 | -566.0 | 233.0 | -662.5 | 41.2 |
| 11TH | 127.50 | -34.7 | -.5 | 3247 | 1952 | -10.7 | -.2 | -0 | 20 | -1978.2 | -565.6 | 225.9 | -637.5 | 40.5 |
| 12TH | 140.00 | -34.6 | -.5 | 3247 | 1952 | -10.7 | -.2 | -0 | 20 | -1943.7 | -565.1 | 218.8 | -613.0 | 39.8 |
| 14TH | 152.50 | -34.5 | -.7 | 3247 | 1952 | -10.6 | -.4 | -0 | 20 | -1909.1 | -564.4 | 211.8 | -588.9 | 39.1 |
| 15TH | 165.00 | -34.6 | -1.2 | 3247 | 1952 | -10.6 | -.6 | -1 | 20 | -1874.6 | -563.2 | 204.7 | -565.3 | 38.4 |
| 16TH | 177.50 | -34.6 | -1.7 | 3247 | 1952 | -10.7 | -.8 | -1 | 20 | -1840.0 | -561.6 | 197.7 | -542.1 | 37.7 |
| 17TH | 190.00 | -34.6 | -2.1 | 3247 | 1952 | -10.7 | -1.1 | -1 | 19 | -1805.4 | -559.4 | 190.7 | -519.3 | 37.1 |
| 18TH | 202.50 | -34.6 | -2.6 | 3247 | 1952 | -10.7 | -1.3 | -1 | 19 | -1770.7 | -556.8 | 183.7 | -496.9 | 36.4 |
| 19TH | 215.00 | -34.7 | -3.1 | 3247 | 1952 | -10.7 | -1.6 | -2 | 19 | -1736.1 | -553.7 | 176.8 | -475.0 | 35.7 |
| 20TH | 227.50 | -34.7 | -3.6 | 3247 | 1952 | -10.7 | -1.8 | -2 | 19 | -1701.4 | -550.2 | 169.9 | -453.5 | 35.1 |
| 21ST | 240.00 | -34.7 | -4.1 | 3247 | 1952 | -10.7 | -2.1 | -2 | 19 | -1666.7 | -546.1 | 163.0 | -432.5 | 34.4 |
| 22ND | 252.50 | -34.7 | -4.7 | 3247 | 1952 | -10.7 | -2.4 | -2 | 18 | -1632.0 | -541.4 | 156.2 | -411.9 | 33.8 |
| 23RD | 265.00 | -34.8 | -5.2 | 3247 | 1952 | -10.7 | -2.7 | -3 | 18 | -1597.2 | -536.2 | 149.5 | -391.7 | 33.1 |
| 24TH | 277.50 | -34.8 | -5.8 | 3247 | 1952 | -10.7 | -3.0 | -3 | 18 | -1562.4 | -530.4 | 142.8 | -371.9 | 32.5 |
| 25TH | 290.00 | -34.9 | -6.4 | 3247 | 1952 | -10.7 | -3.3 | -3 | 17 | -1527.5 | -524.0 | 136.2 | -352.6 | 31.9 |
| 26TH | 302.50 | -34.9 | -7.0 | 3247 | 1952 | -10.7 | -3.6 | -3 | 17 | -1492.6 | -517.0 | 129.7 | -333.8 | 31.3 |
| 27TH | 315.00 | -34.9 | -7.5 | 3247 | 1952 | -10.8 | -3.9 | -4 | 16 | -1457.7 | -509.5 | 123.3 | -315.3 | 30.7 |
| | | -35.1 | -8.0 | 3247 | 1952 | -10.8 | -4.1 | -4 | 16 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 20

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -35.5 | -8.1 | 3247 | 1952 | -10.9 | -4.2 | -4 | 16 | -1422.6 | -501.5 | 117.0 | -297.3 | 30.1 |
| 29TH | 340.00 | -35.9 | -8.2 | 3247 | 1952 | -11.1 | -4.2 | -4 | 16 | -1387.2 | -493.4 | 110.8 | -279.7 | 29.5 |
| 30TH | 352.50 | -36.3 | -8.3 | 3247 | 1952 | -11.2 | -4.3 | -4 | 16 | -1351.3 | -485.2 | 104.6 | -262.6 | 28.9 |
| 31ST | 365.00 | -36.7 | -8.4 | 3247 | 1952 | -11.3 | -4.3 | -4 | 15 | -1315.0 | -476.8 | 98.6 | -246.0 | 28.3 |
| 32ND | 377.50 | -37.1 | -8.5 | 3247 | 1952 | -11.4 | -4.4 | -3 | 15 | -1278.2 | -468.4 | 92.7 | -229.8 | 27.7 |
| 33RD | 390.00 | -37.6 | -8.6 | 3247 | 1952 | -11.6 | -4.4 | -3 | 15 | -1241.1 | -459.9 | 86.9 | -214.0 | 27.1 |
| 34TH | 402.50 | -38.1 | -9.0 | 3247 | 1952 | -11.7 | -4.6 | -4 | 15 | -1203.5 | -451.2 | 81.2 | -198.7 | 26.5 |
| 35TH | 415.00 | -39.0 | -9.8 | 3247 | 1952 | -12.0 | -5.0 | -4 | 16 | -1165.4 | -442.3 | 75.6 | -183.9 | 25.9 |
| 36TH | 427.50 | -40.0 | -10.7 | 3247 | 1952 | -12.3 | -5.5 | -4 | 16 | -1126.4 | -432.4 | 70.2 | -169.6 | 25.2 |
| 37TH | 440.00 | -40.9 | -11.5 | 3247 | 1952 | -12.6 | -5.9 | -5 | 17 | -1086.4 | -421.8 | 64.8 | -155.8 | 24.6 |
| 38TH | 452.50 | -41.8 | -12.4 | 3247 | 1952 | -12.9 | -6.3 | -5 | 17 | -1045.5 | -410.2 | 59.6 | -142.5 | 23.8 |
| 39TH | 465.00 | -42.8 | -13.2 | 3247 | 1952 | -13.2 | -6.8 | -6 | 18 | -1003.7 | -397.9 | 54.6 | -129.6 | 23.0 |
| 40TH | 477.50 | -43.7 | -14.1 | 3247 | 1952 | -13.5 | -7.2 | -6 | 18 | -960.9 | -384.7 | 49.7 | -117.4 | 22.2 |
| MECH | 490.00 | -44.7 | -14.1 | 3247 | 1952 | -13.5 | -7.2 | -6 | 18 | -917.1 | -370.6 | 45.0 | -105.6 | 21.3 |
| 43RD | 512.00 | -46.3 | -16.2 | 5715 | 3436 | -13.9 | -7.8 | -6 | 19 | -837.9 | -343.9 | 37.1 | -86.3 | 19.6 |
| 44TH | 524.50 | -46.3 | -16.2 | 3247 | 1952 | -14.3 | -8.3 | -7 | 19 | -791.6 | -327.7 | 32.9 | -76.1 | 18.6 |
| 45TH | 537.00 | -47.2 | -16.9 | 3247 | 1952 | -14.5 | -8.7 | -7 | 19 | -744.4 | -310.8 | 28.9 | -66.5 | 17.6 |
| 46TH | 549.50 | -48.1 | -17.6 | 3247 | 1952 | -14.8 | -9.0 | -7 | 20 | -696.3 | -293.2 | 25.1 | -57.5 | 16.5 |
| 47TH | 562.00 | -49.1 | -18.4 | 3247 | 1952 | -15.1 | -9.4 | -7 | 20 | -647.2 | -274.8 | 21.6 | -49.1 | 15.4 |
| 48TH | 574.50 | -50.0 | -19.1 | 3247 | 1952 | -15.4 | -9.8 | -8 | 20 | -597.2 | -255.7 | 18.3 | -41.4 | 14.3 |
| 49TH | 587.00 | -50.9 | -19.8 | 3247 | 1952 | -15.7 | -10.2 | -8 | 20 | -546.3 | -235.9 | 15.2 | -34.2 | 13.1 |
| 50TH | 599.50 | -52.0 | -20.6 | 3247 | 1952 | -16.0 | -10.6 | -8 | 20 | -494.3 | -215.2 | 12.4 | -27.7 | 11.9 |
| 51ST | 612.00 | -53.1 | -21.5 | 3247 | 1952 | -16.3 | -11.0 | -8 | 20 | -441.2 | -193.8 | 9.8 | -21.9 | 10.6 |
| 52ND | 624.50 | -54.2 | -22.3 | 3247 | 1952 | -16.7 | -11.4 | -8 | 21 | -387.1 | -171.4 | 7.6 | -16.7 | 9.3 |
| 53RD | 637.00 | -55.3 | -23.1 | 3247 | 1952 | -17.0 | -11.9 | -9 | 21 | -331.8 | -148.3 | 5.6 | -12.2 | 8.0 |
| | | -56.4 | -24.0 | 3247 | 1952 | -17.4 | -12.3 | -9 | 21 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-------------------------|-------|--------------|------|-----------------------------|-------|------------|----|--------------|--------|-----------------------|------|-----|
| WIND DIRECTION 20 | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
| | | CONFIGURATION A | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | -275.4 | -124.3 | 3.9 | -8.4 | 6.6 |
| 55TH | 662.00 | -57.5 | -24.8 | 3247 | 1952 | -17.7 | -12.7 | -9 | 21 | -217.9 | -99.5 | 2.5 | -5.3 | 5.2 |
| 56TH | 674.50 | -58.6 | -25.6 | 3247 | 1952 | -18.0 | -13.1 | -9 | 21 | -159.3 | -73.9 | 1.4 | -3.0 | 3.7 |
| 57TH | 687.00 | -57.3 | -27.0 | 3247 | 2067 | -17.7 | -13.1 | -8 | 17 | -102.0 | -46.9 | .6 | -1.3 | 2.5 |
| PARA | 699.50 | -52.5 | -23.7 | 3247 | 2039 | -16.2 | -11.6 | -9 | 20 | -49.5 | -23.1 | .2 | -.4 | 1.2 |
| TOP | 714.67 | -49.5 | -23.1 | 3507 | 2157 | -14.1 | -10.7 | -9 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|---------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 1ST | 0.00 | -53.2 | -1.5 | 4676 | 2811 | -11.4 | -1.5 | -1 | 19 | -2939.9 | -411.1 | 184.3 | -1148.7 | 39.1 |
| 2ND | 18.00 | -35.1 | -1.8 | 3247 | 1952 | -10.8 | -1.4 | -0 | 19 | -2886.7 | -409.6 | 176.9 | -1096.3 | 38.1 |
| 3RD | 30.50 | -36.2 | -1.6 | 3247 | 1952 | -11.1 | -1.3 | -0 | 23 | -2851.6 | -408.8 | 171.8 | -1060.4 | 37.4 |
| 4TH | 43.00 | -67.6 | -1.5 | 5715 | 3436 | -11.8 | -1.4 | -0 | 22 | -2815.4 | -408.2 | 166.7 | -1025.0 | 36.6 |
| 6TH | 65.00 | -44.8 | -1.5 | 3247 | 1952 | -13.8 | -1.8 | -1 | 20 | -2747.8 | -406.7 | 157.7 | -963.8 | 35.1 |
| 7TH | 77.50 | -45.5 | -2.0 | 3247 | 1952 | -14.0 | -1.0 | -1 | 19 | -2703.0 | -405.2 | 152.6 | -929.8 | 34.2 |
| 8TH | 90.00 | -43.2 | -2.5 | 3247 | 1952 | -13.9 | -1.3 | -1 | 19 | -2657.6 | -403.2 | 147.6 | -896.3 | 33.4 |
| 9TH | 102.50 | -44.9 | -2.9 | 3247 | 1952 | -13.8 | -1.5 | -1 | 18 | -2612.4 | -400.8 | 142.6 | -863.3 | 32.5 |
| 10TH | 115.00 | -44.6 | -3.4 | 3247 | 1952 | -13.7 | -1.7 | -1 | 18 | -2567.6 | -397.9 | 137.6 | -830.9 | 31.7 |
| 11TH | 127.50 | -44.3 | -3.9 | 3247 | 1952 | -13.6 | -2.0 | -2 | 18 | -2523.0 | -394.5 | 132.6 | -799.1 | 30.9 |
| 12TH | 140.00 | -44.1 | -4.2 | 3247 | 1952 | -13.6 | -2.2 | -2 | 17 | -2478.8 | -390.6 | 127.7 | -767.9 | 30.1 |
| 14TH | 152.50 | -44.1 | -4.5 | 3247 | 1952 | -13.6 | -2.3 | -2 | 17 | -2434.7 | -386.3 | 122.8 | -737.2 | 29.3 |
| 15TH | 165.00 | -44.1 | -4.7 | 3247 | 1952 | -13.6 | -2.4 | -2 | 17 | -2390.6 | -381.9 | 118.0 | -707.0 | 28.5 |
| 16TH | 177.50 | -44.1 | -4.9 | 3247 | 1952 | -13.6 | -2.5 | -2 | 17 | -2346.5 | -377.2 | 113.3 | -677.4 | 27.8 |
| 17TH | 190.00 | -44.1 | -5.1 | 3247 | 1952 | -13.6 | -2.6 | -2 | 17 | -2302.5 | -372.3 | 108.6 | -648.3 | 27.0 |
| 18TH | 202.50 | -44.1 | -5.3 | 3247 | 1952 | -13.6 | -2.7 | -2 | 17 | -2258.4 | -367.3 | 104.0 | -619.8 | 26.3 |
| 19TH | 215.00 | -44.0 | -5.5 | 3247 | 1952 | -13.6 | -2.8 | -2 | 16 | -2214.4 | -362.0 | 99.4 | -591.9 | 25.5 |
| 20TH | 227.50 | -44.1 | -5.7 | 3247 | 1952 | -13.6 | -2.9 | -2 | 16 | -2170.3 | -356.5 | 94.9 | -564.5 | 24.8 |
| 21ST | 240.00 | -44.3 | -6.0 | 3247 | 1952 | -13.6 | -3.1 | -2 | 16 | -2126.2 | -350.8 | 90.5 | -537.6 | 24.1 |
| 22ND | 252.50 | -44.5 | -6.3 | 3247 | 1952 | -13.7 | -3.2 | -2 | 15 | -2081.9 | -344.7 | 86.2 | -511.3 | 23.4 |
| 23RD | 265.00 | -44.7 | -6.6 | 3247 | 1952 | -13.8 | -3.4 | -2 | 15 | -2037.4 | -338.4 | 81.9 | -485.6 | 22.7 |
| 24TH | 277.50 | -44.8 | -6.9 | 3247 | 1952 | -13.8 | -3.5 | -2 | 15 | -1992.8 | -331.8 | 77.7 | -460.4 | 22.0 |
| 25TH | 290.00 | -45.0 | -7.2 | 3247 | 1952 | -13.9 | -3.7 | -2 | 14 | -1947.9 | -325.0 | 73.6 | -435.8 | 21.3 |
| 26TH | 302.50 | -45.2 | -7.5 | 3247 | 1952 | -13.9 | -3.8 | -2 | 14 | -1902.9 | -317.8 | 69.6 | -411.7 | 20.6 |
| 27TH | 315.00 | -45.6 | -7.7 | 3247 | 1952 | -14.0 | -3.9 | -2 | 14 | -1857.7 | -310.3 | 65.7 | -388.2 | 20.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | -46.5 | -7.7 | 3247 | 1952 | -14.3 | -3.9 | -2 | 13 | -1812.1 | -302.6 | 61.8 | -365.2 | 19.3 |
| 29TH | 340.00 | -47.5 | -7.7 | 3247 | 1952 | -14.6 | -3.9 | -2 | 12 | -1765.6 | -294.9 | 58.1 | -342.9 | 18.7 |
| 30TH | 352.50 | -48.4 | -7.7 | 3247 | 1952 | -14.9 | -3.9 | -2 | 12 | -1718.1 | -287.2 | 54.5 | -321.1 | 18.1 |
| 31ST | 365.00 | -49.4 | -7.7 | 3247 | 1952 | -15.2 | -3.9 | -2 | 11 | -1669.7 | -279.5 | 50.9 | -299.9 | 17.5 |
| 32ND | 377.50 | -50.4 | -7.7 | 3247 | 1952 | -15.5 | -3.9 | -2 | 10 | -1620.3 | -271.8 | 47.5 | -279.4 | 16.9 |
| 33RD | 390.00 | -51.3 | -7.7 | 3247 | 1952 | -15.8 | -3.9 | -1 | 10 | -1569.9 | -264.1 | 44.1 | -259.4 | 16.4 |
| 34TH | 402.50 | -52.3 | -7.8 | 3247 | 1952 | -16.1 | -4.0 | -1 | 10 | -1518.6 | -256.4 | 40.9 | -240.1 | 15.9 |
| 35TH | 415.00 | -53.5 | -8.2 | 3247 | 1952 | -16.5 | -4.2 | -2 | 10 | -1466.3 | -248.6 | 37.7 | -221.5 | 15.4 |
| 36TH | 427.50 | -54.7 | -8.6 | 3247 | 1952 | -16.8 | -4.4 | -2 | 10 | -1412.8 | -240.4 | 34.7 | -203.5 | 14.8 |
| 37TH | 440.00 | -55.9 | -9.0 | 3247 | 1952 | -17.2 | -4.6 | -2 | 10 | -1358.1 | -231.7 | 31.7 | -186.2 | 14.3 |
| 38TH | 452.50 | -57.1 | -9.5 | 3247 | 1952 | -17.6 | -4.8 | -2 | 11 | -1302.2 | -222.7 | 28.9 | -169.5 | 13.7 |
| 39TH | 465.00 | -58.2 | -9.9 | 3247 | 1952 | -17.9 | -5.1 | -2 | 11 | -1245.1 | -213.2 | 26.1 | -153.6 | 13.0 |
| 40TH | 477.50 | -59.4 | -10.3 | 3247 | 1952 | -18.3 | -5.3 | -2 | 11 | -1186.9 | -203.3 | 23.5 | -138.4 | 12.4 |
| MECH | 490.00 | -107.2 | -18.7 | 5715 | 3436 | -18.8 | -5.5 | -2 | 11 | -1127.5 | -193.1 | 21.1 | -124.0 | 11.7 |
| 43RD | 512.00 | -62.2 | -10.8 | 3247 | 1952 | -19.1 | -5.5 | -2 | 11 | -1020.3 | -174.3 | 17.0 | -100.3 | 10.5 |
| 44TH | 524.50 | -63.1 | -10.9 | 3247 | 1952 | -19.4 | -5.6 | -2 | 10 | -958.1 | -163.5 | 14.9 | -88.0 | 9.8 |
| 45TH | 537.00 | -64.0 | -11.0 | 3247 | 1952 | -19.7 | -5.6 | -2 | 10 | -895.0 | -152.6 | 12.9 | -76.4 | 9.1 |
| 46TH | 549.50 | -64.9 | -11.1 | 3247 | 1952 | -20.0 | -5.7 | -2 | 10 | -831.0 | -141.6 | 11.1 | -65.6 | 8.4 |
| 47TH | 562.00 | -65.8 | -11.2 | 3247 | 1952 | -20.3 | -5.8 | -2 | 10 | -766.1 | -130.5 | 9.4 | -55.6 | 7.8 |
| 48TH | 574.50 | -66.7 | -11.3 | 3247 | 1952 | -20.6 | -5.8 | -2 | 9 | -700.3 | -119.3 | 7.8 | -46.4 | 7.1 |
| 49TH | 587.00 | -66.8 | -11.4 | 3247 | 1952 | -20.6 | -5.8 | -2 | 9 | -633.6 | -107.9 | 6.4 | -38.1 | 6.5 |
| 50TH | 599.50 | -66.7 | -11.4 | 3247 | 1952 | -20.5 | -5.8 | -2 | 10 | -566.8 | -96.5 | 5.1 | -30.6 | 5.9 |
| 51ST | 612.00 | -66.6 | -11.4 | 3247 | 1952 | -20.5 | -5.8 | -2 | 10 | -500.0 | -85.2 | 4.0 | -23.9 | 5.2 |
| 52ND | 624.50 | -66.5 | -11.4 | 3247 | 1952 | -20.5 | -5.8 | -2 | 11 | -433.4 | -73.8 | 3.0 | -18.1 | 4.5 |
| 53RD | 637.00 | -66.5 | -11.4 | 3247 | 1952 | -20.5 | -5.9 | -2 | 11 | -366.8 | -62.4 | 2.2 | -13.1 | 3.7 |

| TABLE 7 SHEAR AND MOMENT DIAGRAMS : | | WIND DIRECTION 30 | | CONFIGURATION A | | RELIANCE CENTER, DENVER | | FEB 23, 1982 | | REFERENCE PRESSURE 22.0 PSF | | GUST FACTOR 1.32 | | |
|-------------------------------------|--------|-------------------|-------|-----------------|------|-------------------------|------|--------------|----|-----------------------------|-------|-----------------------|------|-----|
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -66.4 | -11.4 | 3247 | 1952 | -20.4 | -5.9 | -2 | 11 | -300.4 | -50.9 | 1.5 | -8.9 | 3.0 |
| 55TH | 662.00 | -66.3 | -11.4 | 3247 | 1952 | -20.4 | -5.9 | -2 | 12 | -234.0 | -39.5 | .9 | -5.6 | 2.2 |
| 56TH | 674.50 | -60.7 | -12.9 | 3247 | 2067 | -18.7 | -6.2 | -1 | 6 | -167.7 | -28.1 | .5 | -3.1 | 1.4 |
| 57TH | 687.00 | -56.3 | -8.0 | 3247 | 2039 | -17.3 | -3.9 | -1 | 10 | -107.0 | -15.2 | .2 | -1.4 | 1.0 |
| PARA | 699.50 | -50.7 | -7.2 | 3507 | 2157 | -14.5 | -3.3 | -1 | 9 | -50.7 | -7.2 | .1 | -.4 | .4 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40

AND MOMENT DIAGRAMS :
CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|---------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -51.9 | -5.4 | 4676 | 2811 | -11.1 | -1.9 | -2 | 15 | -2957.5 | -201.5 | 66.8 | -1162.5 | 25.5 |
| 2ND | 18.00 | -35.0 | -2.8 | 3247 | 1952 | -10.8 | -1.5 | -1 | 16 | -2905.6 | -196.1 | 63.3 | -1109.8 | 24.7 |
| 3RD | 30.50 | -36.6 | -2.2 | 3247 | 1952 | -11.3 | -1.1 | -1 | 19 | -2870.6 | -193.2 | 60.8 | -1073.7 | 24.2 |
| 4TH | 43.00 | -70.0 | -5.0 | 5715 | 3436 | -12.2 | -1.4 | -1 | 15 | -2834.1 | -191.0 | 58.4 | -1038.0 | 23.5 |
| 6TH | 65.00 | -46.1 | -3.0 | 3247 | 1952 | -14.2 | -1.6 | -1 | 14 | -2764.1 | -186.0 | 54.3 | -976.4 | 22.4 |
| 7TH | 77.50 | -47.0 | -3.2 | 3247 | 1952 | -14.5 | -1.6 | -1 | 13 | -2717.9 | -183.0 | 52.0 | -942.2 | 21.8 |
| 8TH | 90.00 | -47.0 | -3.3 | 3247 | 1952 | -14.5 | -1.7 | -1 | 13 | -2670.9 | -179.8 | 49.7 | -908.5 | 21.2 |
| 9TH | 102.50 | -47.1 | -3.5 | 3247 | 1952 | -14.5 | -1.8 | -1 | 13 | -2623.9 | -176.5 | 47.5 | -875.4 | 20.5 |
| 10TH | 115.00 | -47.1 | -3.6 | 3247 | 1952 | -14.5 | -1.9 | -1 | 13 | -2576.8 | -173.0 | 45.3 | -842.9 | 19.9 |
| 11TH | 127.50 | -47.1 | -3.8 | 3247 | 1952 | -14.5 | -1.9 | -1 | 12 | -2529.7 | -169.4 | 43.1 | -811.0 | 19.3 |
| 12TH | 140.00 | -46.9 | -3.9 | 3247 | 1952 | -14.4 | -2.0 | -1 | 12 | -2482.6 | -165.7 | 41.1 | -779.6 | 18.8 |
| 14TH | 152.50 | -46.4 | -3.9 | 3247 | 1952 | -14.3 | -2.0 | -1 | 12 | -2435.7 | -161.8 | 39.0 | -748.9 | 18.2 |
| 15TH | 165.00 | -45.9 | -4.0 | 3247 | 1952 | -14.1 | -2.1 | -1 | 12 | -2389.3 | -157.8 | 37.0 | -718.8 | 17.6 |
| 16TH | 177.50 | -45.4 | -4.1 | 3247 | 1952 | -14.0 | -2.1 | -1 | 12 | -2343.4 | -153.8 | 35.1 | -689.2 | 17.0 |
| 17TH | 190.00 | -44.9 | -4.2 | 3247 | 1952 | -13.8 | -2.1 | -1 | 12 | -2298.0 | -149.7 | 33.2 | -660.2 | 16.5 |
| 18TH | 202.50 | -44.4 | -4.2 | 3247 | 1952 | -13.7 | -2.2 | -1 | 12 | -2253.1 | -145.6 | 31.3 | -631.7 | 15.9 |
| 19TH | 215.00 | -43.9 | -4.3 | 3247 | 1952 | -13.5 | -2.2 | -1 | 12 | -2208.6 | -141.3 | 29.5 | -603.8 | 15.4 |
| 20TH | 227.50 | -43.6 | -4.4 | 3247 | 1952 | -13.4 | -2.3 | -1 | 12 | -2164.7 | -137.0 | 27.8 | -576.5 | 14.8 |
| 21ST | 240.00 | -43.3 | -4.5 | 3247 | 1952 | -13.4 | -2.3 | -1 | 12 | -2121.2 | -132.6 | 26.1 | -549.7 | 14.3 |
| 22ND | 252.50 | -43.1 | -4.7 | 3247 | 1952 | -13.3 | -2.4 | -1 | 12 | -2077.8 | -128.1 | 24.5 | -523.5 | 13.7 |
| 23RD | 265.00 | -42.9 | -4.8 | 3247 | 1952 | -13.2 | -2.5 | -1 | 12 | -2034.7 | -123.4 | 22.9 | -497.8 | 13.2 |
| 24TH | 277.50 | -42.7 | -5.0 | 3247 | 1952 | -13.2 | -2.5 | -1 | 12 | -1991.7 | -118.5 | 21.4 | -472.6 | 12.6 |
| 25TH | 290.00 | -42.5 | -5.1 | 3247 | 1952 | -13.1 | -2.6 | -1 | 12 | -1949.0 | -113.6 | 19.9 | -448.0 | 12.1 |
| 26TH | 302.50 | -42.3 | -5.3 | 3247 | 1952 | -13.0 | -2.7 | -2 | 12 | -1906.4 | -108.5 | 18.5 | -423.9 | 11.6 |
| 27TH | 315.00 | -42.4 | -5.3 | 3247 | 1952 | -13.1 | -2.7 | -2 | 12 | -1864.1 | -103.2 | 17.2 | -400.3 | 11.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | -43.4 | -5.1 | 3247 | 1952 | -13.4 | -2.6 | -1 | 12 | -1821.7 | -97.9 | 16.0 | -377.3 | 10.5 |
| 29TH | 340.00 | -44.3 | -4.9 | 3247 | 1952 | -13.6 | -2.5 | -1 | 11 | -1778.3 | -92.8 | 14.8 | -354.8 | 10.0 |
| 30TH | 352.50 | -45.3 | -4.7 | 3247 | 1952 | -13.9 | -2.4 | -1 | 10 | -1734.0 | -87.9 | 13.6 | -332.8 | 9.5 |
| 31ST | 365.00 | -46.2 | -4.5 | 3247 | 1952 | -14.2 | -2.3 | -1 | 10 | -1688.7 | -83.2 | 12.6 | -311.4 | 9.0 |
| 32ND | 377.50 | -47.2 | -4.3 | 3247 | 1952 | -14.5 | -2.2 | -1 | 9 | -1642.5 | -78.7 | 11.6 | -290.6 | 8.6 |
| 33RD | 390.00 | -48.1 | -4.0 | 3247 | 1952 | -14.8 | -2.1 | -1 | 9 | -1595.3 | -74.5 | 10.6 | -270.4 | 8.1 |
| 34TH | 402.50 | -49.2 | -3.9 | 3247 | 1952 | -15.2 | -2.0 | -1 | 8 | -1547.2 | -70.4 | 9.7 | -250.7 | 7.7 |
| 35TH | 415.00 | -50.6 | -3.8 | 3247 | 1952 | -15.6 | -1.9 | -1 | 8 | -1498.0 | -66.6 | 8.8 | -231.7 | 7.3 |
| 36TH | 427.50 | -51.9 | -3.7 | 3247 | 1952 | -16.0 | -1.9 | -1 | 7 | -1447.5 | -62.8 | 8.0 | -213.3 | 6.9 |
| 37TH | 440.00 | -53.3 | -3.6 | 3247 | 1952 | -16.4 | -1.8 | -0 | 7 | -1395.5 | -59.1 | 7.3 | -195.5 | 6.5 |
| 38TH | 452.50 | -54.6 | -3.5 | 3247 | 1952 | -16.8 | -1.8 | -0 | 7 | -1342.3 | -55.5 | 6.6 | -178.4 | 6.2 |
| 39TH | 465.00 | -56.0 | -3.4 | 3247 | 1952 | -17.2 | -1.8 | -0 | 6 | -1287.6 | -52.0 | 5.9 | -162.0 | 5.8 |
| 40TH | 477.50 | -57.3 | -3.4 | 3247 | 1952 | -17.7 | -1.7 | -0 | 6 | -1231.7 | -48.5 | 5.3 | -146.2 | 5.4 |
| MECH | 490.00 | -104.5 | -5.6 | 5713 | 3436 | -18.3 | -1.6 | -0 | 6 | -1174.3 | -45.2 | 4.7 | -131.2 | 5.1 |
| 43RD | 512.00 | -61.7 | -3.0 | 3247 | 1952 | -19.0 | -1.5 | -0 | 5 | -1069.8 | -39.5 | 3.7 | -106.5 | 4.5 |
| 44TH | 524.50 | -63.3 | -2.9 | 3247 | 1952 | -19.5 | -1.5 | -0 | 5 | -1008.2 | -36.5 | 3.3 | -93.5 | 4.2 |
| 45TH | 537.00 | -65.0 | -2.7 | 3247 | 1952 | -20.0 | -1.4 | -0 | 5 | -944.8 | -33.6 | 2.8 | -81.3 | 3.9 |
| 46TH | 549.50 | -66.6 | -2.6 | 3247 | 1952 | -20.5 | -1.3 | -0 | 5 | -879.9 | -30.9 | 2.4 | -69.9 | 3.5 |
| 47TH | 562.00 | -68.3 | -2.5 | 3247 | 1952 | -21.0 | -1.3 | -0 | 4 | -813.2 | -28.3 | 2.1 | -59.3 | 3.2 |
| 48TH | 574.50 | -69.9 | -2.3 | 3247 | 1952 | -21.5 | -1.2 | -0 | 4 | -744.9 | -25.9 | 1.7 | -49.6 | 2.9 |
| 49TH | 587.00 | -70.3 | -2.3 | 3247 | 1952 | -21.7 | -1.2 | -0 | 4 | -675.0 | -23.6 | 1.4 | -40.7 | 2.6 |
| 50TH | 599.50 | -70.5 | -2.4 | 3247 | 1952 | -21.7 | -1.2 | -0 | 5 | -604.7 | -21.2 | 1.1 | -32.7 | 2.3 |
| 51ST | 612.00 | -70.6 | -2.4 | 3247 | 1952 | -21.8 | -1.2 | -0 | 5 | -534.2 | -18.8 | .9 | -25.6 | 2.0 |
| 52ND | 624.50 | -70.8 | -2.5 | 3247 | 1952 | -21.8 | -1.3 | -0 | 5 | -463.5 | -16.4 | .7 | -19.4 | 1.7 |
| 53RD | 637.00 | -70.9 | -2.5 | 3247 | 1952 | -21.8 | -1.3 | -0 | 5 | -392.8 | -13.9 | .5 | -14.0 | 1.3 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
 WIND DIRECTION 40 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
 REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|---|--------------|-------|-----------------------|------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -71.1 | -2.6 | 3247 | 1952 | -21.9 | -1.3 | -0 | 5 | -321.8 | -11.4 | .3 | -9.5 | 1.0 |
| 55TH | 662.00 | -71.2 | -2.6 | 3247 | 1952 | -21.9 | -1.3 | -0 | 5 | -250.7 | -8.8 | .2 | -6.0 | .6 |
| 56TH | 674.50 | -65.7 | -3.2 | 3247 | 2067 | -20.2 | -1.6 | -0 | 1 | -179.5 | -6.2 | .1 | -3.3 | .3 |
| 57TH | 687.00 | -60.8 | -2.1 | 3247 | 2039 | -18.7 | -1.0 | -0 | 2 | -113.8 | -3.0 | .0 | -1.4 | .2 |
| PARA | 699.50 | -53.0 | -.9 | 3507 | 2157 | -15.1 | -.4 | -0 | 1 | -53.0 | -.9 | .0 | -.4 | .1 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 50

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|---------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -52.4 | -7.4 | 4676 | 2811 | -11.2 | -2.6 | -1 | 6 | -2761.7 | 139.0 | -112.2 | -1098.1 | 5.6 |
| 2ND | 18.00 | -34.8 | -4.9 | 3247 | 1952 | -10.7 | -2.5 | -1 | 5 | -2709.3 | 146.4 | -109.6 | -1048.9 | 5.3 |
| 3RD | 30.50 | -35.9 | -4.8 | 3247 | 1952 | -11.0 | -2.4 | -1 | 6 | -2674.5 | 151.3 | -107.8 | -1015.2 | 5.1 |
| 4TH | 43.00 | -69.1 | -8.2 | 5715 | 3436 | -12.1 | -2.4 | -0 | 3 | -2638.7 | 156.1 | -105.8 | -982.0 | 4.9 |
| 6TH | 65.00 | -44.8 | -4.5 | 3247 | 1952 | -13.8 | -2.3 | -0 | 4 | -2569.5 | 164.3 | -102.3 | -924.7 | 4.7 |
| 7TH | 77.50 | -44.8 | -4.4 | 3247 | 1952 | -13.8 | -2.3 | -0 | 4 | -2524.8 | 168.8 | -100.2 | -892.9 | 4.5 |
| 8TH | 90.00 | -43.9 | -4.3 | 3247 | 1952 | -13.5 | -2.2 | -0 | 5 | -2480.0 | 173.2 | -98.1 | -861.6 | 4.3 |
| 9TH | 102.50 | -43.0 | -4.2 | 3247 | 1952 | -13.2 | -2.1 | -1 | 6 | -2436.2 | 177.5 | -95.9 | -830.9 | 4.1 |
| 10TH | 115.00 | -42.1 | -4.1 | 3247 | 1952 | -13.0 | -2.1 | -1 | 6 | -2393.2 | 181.7 | -93.7 | -800.7 | 3.8 |
| 11TH | 127.50 | -41.2 | -4.0 | 3247 | 1952 | -12.7 | -2.0 | -1 | 7 | -2351.1 | 185.8 | -91.4 | -771.0 | 3.6 |
| 12TH | 140.00 | -40.6 | -3.9 | 3247 | 1952 | -12.5 | -2.0 | -1 | 8 | -2309.9 | 189.8 | -89.0 | -741.9 | 3.3 |
| 14TH | 152.50 | -40.3 | -3.7 | 3247 | 1952 | -12.4 | -1.9 | -1 | 8 | -2269.4 | 193.6 | -86.6 | -713.3 | 2.9 |
| 15TH | 165.00 | -40.0 | -3.6 | 3247 | 1952 | -12.3 | -1.8 | -1 | 8 | -2229.1 | 197.4 | -84.2 | -685.2 | 2.6 |
| 16TH | 177.50 | -39.7 | -3.5 | 3247 | 1952 | -12.2 | -1.8 | -1 | 8 | -2189.1 | 201.0 | -81.7 | -657.5 | 2.3 |
| 17TH | 190.00 | -39.5 | -3.3 | 3247 | 1952 | -12.2 | -1.7 | -1 | 9 | -2149.3 | 204.4 | -79.2 | -630.4 | 2.0 |
| 18TH | 202.50 | -39.2 | -3.2 | 3247 | 1952 | -12.1 | -1.6 | -1 | 9 | -2109.9 | 207.8 | -76.6 | -603.8 | 1.6 |
| 19TH | 215.00 | -38.9 | -3.1 | 3247 | 1952 | -12.0 | -1.6 | -1 | 9 | -2070.7 | 211.0 | -74.0 | -577.7 | 1.3 |
| 20TH | 227.50 | -38.7 | -2.9 | 3247 | 1952 | -11.9 | -1.5 | -1 | 9 | -2031.7 | 214.0 | -71.3 | -552.0 | .9 |
| 21ST | 240.00 | -38.4 | -2.5 | 3247 | 1952 | -11.8 | -1.3 | -1 | 9 | -1993.1 | 216.9 | -68.6 | -526.9 | .6 |
| 22ND | 252.50 | -38.2 | -2.2 | 3247 | 1952 | -11.8 | -1.1 | -1 | 9 | -1954.6 | 219.4 | -65.9 | -502.2 | .2 |
| 23RD | 265.00 | -38.0 | -1.8 | 3247 | 1952 | -11.7 | -.9 | -0 | 9 | -1916.4 | 221.6 | -63.1 | -478.0 | -.1 |
| 24TH | 277.50 | -37.7 | -1.5 | 3247 | 1952 | -11.6 | -.8 | -0 | 9 | -1878.5 | 223.4 | -60.3 | -454.3 | -.5 |
| 25TH | 290.00 | -37.5 | -1.1 | 3247 | 1952 | -11.5 | -.6 | -0 | 10 | -1840.7 | 224.9 | -57.5 | -431.1 | -.9 |
| 26TH | 302.50 | -37.3 | -.8 | 3247 | 1952 | -11.5 | -.4 | -0 | 10 | -1803.2 | 226.0 | -54.7 | -408.3 | -1.2 |
| 27TH | 315.00 | -37.3 | -.3 | 3247 | 1952 | -11.5 | -.2 | -0 | 9 | -1766.0 | 226.8 | -51.9 | -386.0 | -1.6 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS | | WIND DIRECTION 50 | | CONFIGURATION A | | RELIANCE CENTER, DENVER | | FEB 23, 1982 | | REFERENCE PRESSURE 22.0 PSF | | GUST FACTOR 1.32 | | |
|------------------------------------|--------|-------------------|------|-----------------|------|-------------------------|-----|--------------|----|-----------------------------|-------|-----------------------|--------|------|
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -38.4 | .5 | 3247 | 1952 | -11.8 | .3 | 0 | 8 | -1728.6 | 227.2 | -49.1 | -364.1 | -1.9 |
| 29TH | 340.00 | -39.5 | 1.4 | 3247 | 1952 | -12.2 | .7 | 0 | 6 | -1690.2 | 226.7 | -46.2 | -342.8 | -2.2 |
| 30TH | 352.50 | -40.6 | 2.2 | 3247 | 1952 | -12.5 | 1.1 | 0 | 5 | -1650.7 | 225.3 | -43.4 | -321.9 | -2.5 |
| 31ST | 365.00 | -41.7 | 3.1 | 3247 | 1952 | -12.8 | 1.6 | 0 | 3 | -1610.1 | 223.1 | -40.6 | -301.5 | -2.7 |
| 32ND | 377.50 | -42.8 | 3.9 | 3247 | 1952 | -13.2 | 2.0 | 0 | 2 | -1568.4 | 220.0 | -37.8 | -281.6 | -2.8 |
| 33RD | 390.00 | -43.9 | 4.8 | 3247 | 1952 | -13.5 | 2.5 | 0 | 1 | -1525.6 | 216.0 | -35.1 | -262.3 | -2.9 |
| 34TH | 402.50 | -45.0 | 5.6 | 3247 | 1952 | -13.9 | 2.9 | -0 | -0 | -1481.8 | 211.2 | -32.4 | -243.5 | -2.9 |
| 35TH | 415.00 | -46.5 | 6.2 | 3247 | 1952 | -14.3 | 3.2 | -0 | -1 | -1436.7 | 205.6 | -29.8 | -225.3 | -2.9 |
| 36TH | 427.50 | -48.0 | 6.9 | 3247 | 1952 | -14.8 | 3.5 | -0 | -1 | -1390.2 | 199.4 | -27.3 | -207.6 | -2.9 |
| 37TH | 440.00 | -49.6 | 7.5 | 3247 | 1952 | -15.3 | 3.9 | -0 | -2 | -1342.2 | 192.5 | -24.8 | -190.5 | -2.8 |
| 38TH | 452.50 | -51.1 | 8.2 | 3247 | 1952 | -15.7 | 4.2 | -0 | -2 | -1292.6 | 185.0 | -22.5 | -174.1 | -2.8 |
| 39TH | 465.00 | -52.6 | 8.8 | 3247 | 1952 | -16.2 | 4.5 | -0 | -3 | -1241.6 | 176.8 | -20.2 | -158.2 | -2.6 |
| 40TH | 477.50 | -54.1 | 9.4 | 3247 | 1952 | -16.7 | 4.8 | -1 | -3 | -1189.0 | 168.0 | -18.1 | -143.0 | -2.5 |
| MECH | 490.00 | -54.1 | 9.4 | 3247 | 1952 | -16.7 | 4.8 | -1 | -3 | -1134.9 | 158.6 | -16.0 | -128.5 | -2.3 |
| 43RD | 512.00 | -58.3 | 10.0 | 5715 | 3436 | -17.3 | 5.1 | -1 | -3 | -1036.0 | 141.1 | -12.7 | -104.6 | -2.0 |
| 44TH | 524.50 | -58.3 | 10.0 | 3247 | 1952 | -18.0 | 5.1 | -1 | -3 | -977.7 | 131.0 | -11.0 | -92.0 | -1.8 |
| 45TH | 537.00 | -59.8 | 10.1 | 3247 | 1952 | -18.4 | 5.2 | -1 | -3 | -917.9 | 121.0 | -9.5 | -80.2 | -1.6 |
| 46TH | 549.50 | -61.3 | 10.1 | 3247 | 1952 | -18.9 | 5.2 | -0 | -3 | -856.6 | 110.8 | -8.0 | -69.1 | -1.4 |
| 47TH | 562.00 | -62.8 | 10.2 | 3247 | 1952 | -19.4 | 5.2 | -0 | -3 | -793.7 | 100.7 | -6.7 | -58.8 | -1.2 |
| 48TH | 574.50 | -64.4 | 10.2 | 3247 | 1952 | -19.8 | 5.2 | -0 | -3 | -729.4 | 90.5 | -5.5 | -49.3 | -1.0 |
| 49TH | 587.00 | -65.9 | 10.3 | 3247 | 1952 | -20.3 | 5.3 | -0 | -3 | -663.5 | 80.2 | -4.4 | -40.6 | -.8 |
| 49TH | 587.00 | -66.7 | 10.0 | 3247 | 1952 | -20.5 | 5.1 | -0 | -2 | -596.8 | 70.2 | -3.5 | -32.7 | -.7 |
| 50TH | 599.50 | -67.4 | 9.7 | 3247 | 1952 | -20.8 | 5.0 | -0 | -2 | -529.4 | 60.5 | -2.7 | -25.6 | -.6 |
| 51ST | 612.00 | -68.1 | 9.4 | 3247 | 1952 | -21.0 | 4.8 | -0 | -1 | -461.3 | 51.1 | -2.0 | -19.5 | -.5 |
| 52ND | 624.50 | -68.8 | 9.1 | 3247 | 1952 | -21.2 | 4.6 | -0 | -1 | -392.4 | 42.1 | -1.4 | -14.1 | -.4 |
| 53RD | 637.00 | -69.5 | 8.7 | 3247 | 1952 | -21.4 | 4.5 | -0 | -1 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
 WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|----|--------------|------|-----------------------|------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | | | | | | | | | -322.9 | 33.4 | -.9 | -9.6 | -.3 |
| 55TH | 662.00 | -70.2 | 8.4 | 3247 | 1952 | -21.6 | 4.3 | -0 | -0 | -252.6 | 24.9 | -.5 | -6.0 | -.3 |
| 56TH | 674.50 | -71.0 | 8.1 | 3247 | 1952 | -21.9 | 4.2 | 0 | 0 | -181.7 | 16.8 | -.3 | -3.3 | -.3 |
| 57TH | 687.00 | -66.6 | 7.6 | 3247 | 2067 | -20.5 | 3.7 | -0 | -0 | -115.0 | 9.2 | -.1 | -1.5 | -.3 |
| PARA | 699.50 | -60.1 | 4.5 | 3247 | 2039 | -18.5 | 2.2 | -0 | -3 | -54.9 | 4.7 | -.0 | -.4 | -.1 |
| TOP | 714.67 | -54.9 | 4.7 | 3507 | 2157 | -15.7 | 2.2 | -0 | -2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) ² | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|------------------------------------|---------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -2668.9 | 549.0 | -310.1 | -1023.2 | -15.4 |
| 2ND | 18.00 | -48.3 | -2.5 | 4676 | 2811 | -10.3 | -.9 | 0 | -1 | -2620.6 | 551.5 | -300.2 | -975.6 | -15.3 |
| 3RD | 30.50 | -32.3 | -2.6 | 3247 | 1952 | -10.0 | -1.3 | 0 | -2 | -2588.3 | 554.1 | -293.3 | -943.0 | -15.3 |
| 4TH | 43.00 | -33.2 | -3.2 | 3247 | 1952 | -10.2 | -1.6 | 0 | -2 | -2555.1 | 557.3 | -286.3 | -910.9 | -15.2 |
| 5TH | 65.00 | -64.0 | -5.2 | 5715 | 3436 | -11.2 | -1.5 | 0 | -3 | -2491.1 | 562.5 | -274.0 | -855.3 | -15.0 |
| 6TH | 77.50 | -42.6 | -3.1 | 3247 | 1952 | -13.1 | -1.6 | 0 | -2 | -2448.5 | 565.5 | -267.0 | -824.5 | -14.9 |
| 7TH | 90.00 | -43.5 | -3.1 | 3247 | 1952 | -13.4 | -1.6 | 0 | -1 | -2405.1 | 568.7 | -259.9 | -794.1 | -14.9 |
| 8TH | 102.50 | -43.5 | -3.2 | 3247 | 1952 | -13.4 | -1.6 | 0 | -0 | -2361.6 | 571.9 | -252.7 | -764.3 | -14.9 |
| 9TH | 115.00 | -43.5 | -3.3 | 3247 | 1952 | -13.4 | -1.7 | -0 | 0 | -2318.1 | 575.2 | -245.6 | -735.1 | -14.9 |
| 10TH | 127.50 | -43.5 | -3.4 | 3247 | 1952 | -13.4 | -1.7 | -0 | 1 | -2274.7 | 578.5 | -238.4 | -706.4 | -14.9 |
| 11TH | 140.00 | -43.5 | -3.4 | 3247 | 1952 | -13.4 | -1.8 | -0 | 2 | -2231.2 | 582.0 | -231.1 | -678.2 | -15.0 |
| 12TH | 152.50 | -43.5 | -3.4 | 3247 | 1952 | -13.4 | -1.7 | -0 | 2 | -2187.7 | 585.3 | -223.8 | -650.6 | -15.1 |
| 13TH | 165.00 | -43.6 | -3.1 | 3247 | 1952 | -13.4 | -1.6 | -0 | 2 | -2144.1 | 588.5 | -216.5 | -623.5 | -15.2 |
| 14TH | 177.50 | -43.7 | -2.9 | 3247 | 1952 | -13.5 | -1.5 | -0 | 2 | -2100.4 | 591.4 | -209.1 | -597.0 | -15.3 |
| 15TH | 190.00 | -43.8 | -2.6 | 3247 | 1952 | -13.5 | -1.4 | -0 | 3 | -2056.6 | 594.0 | -201.7 | -571.0 | -15.4 |
| 16TH | 202.50 | -43.9 | -2.4 | 3247 | 1952 | -13.5 | -1.2 | -0 | 3 | -2012.7 | 596.4 | -194.3 | -545.6 | -15.5 |
| 17TH | 215.00 | -44.0 | -2.2 | 3247 | 1952 | -13.5 | -1.1 | -0 | 3 | -1968.8 | 598.6 | -186.8 | -520.7 | -15.7 |
| 18TH | 227.50 | -44.0 | -1.9 | 3247 | 1952 | -13.6 | -1.0 | -0 | 3 | -1924.7 | 600.5 | -179.3 | -496.4 | -15.8 |
| 19TH | 240.00 | -43.9 | -1.4 | 3247 | 1952 | -13.5 | -.7 | -0 | 3 | -1880.8 | 601.8 | -171.8 | -472.6 | -16.0 |
| 20TH | 252.50 | -43.5 | -.2 | 3247 | 1952 | -13.4 | -.1 | -0 | 3 | -1837.2 | 602.1 | -164.2 | -449.4 | -16.1 |
| 21ST | 265.00 | -43.1 | .9 | 3247 | 1952 | -13.3 | .5 | 0 | 3 | -1794.1 | 601.1 | -156.7 | -426.7 | -16.2 |
| 22ND | 277.50 | -42.7 | 2.1 | 3247 | 1952 | -13.2 | 1.1 | 0 | 2 | -1751.4 | 599.1 | -149.2 | -404.5 | -16.3 |
| 23RD | 290.00 | -42.3 | 3.2 | 3247 | 1952 | -13.0 | 1.6 | 0 | 2 | -1709.0 | 595.9 | -141.8 | -382.9 | -16.4 |
| 24TH | 302.50 | -41.9 | 4.3 | 3247 | 1952 | -12.9 | 2.2 | 0 | 1 | -1667.1 | 591.6 | -134.3 | -361.8 | -16.4 |
| 25TH | 315.00 | -41.5 | 5.5 | 3247 | 1952 | -12.8 | 2.8 | 0 | 1 | -1625.6 | 586.1 | -127.0 | -341.2 | -16.5 |
| 26TH | | -41.3 | 6.7 | 3247 | 1952 | -12.7 | 3.4 | 0 | 0 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS 1 | | | | | | | | | | | | | | |
|--------------------------------------|--------|-----------------|------|--------------|------|-----------------------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| WIND DIRECTION 60 | | CONFIGURATION A | | | | RELIANCE CENTER, DENVER | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
| | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -42.0 | 8.3 | 3247 | 1952 | -12.9 | 4.2 | -0 | -2 | -1584.3 | 579.4 | -119.7 | -321.1 | -16.5 |
| 29TH | 340.00 | -42.6 | 9.9 | 3247 | 1952 | -13.1 | 5.0 | -1 | -3 | -1542.3 | 571.1 | -112.5 | -301.6 | -16.4 |
| 30TH | 352.50 | -43.2 | 11.4 | 3247 | 1952 | -13.3 | 5.9 | -1 | -4 | -1499.7 | 561.2 | -105.4 | -282.6 | -16.3 |
| 31ST | 365.00 | -43.9 | 13.0 | 3247 | 1952 | -13.5 | 6.7 | -2 | -6 | -1456.4 | 549.8 | -98.5 | -264.1 | -16.1 |
| 32ND | 377.50 | -44.5 | 14.6 | 3247 | 1952 | -13.7 | 7.5 | -2 | -7 | -1412.6 | 536.8 | -91.7 | -246.2 | -15.8 |
| 33RD | 390.00 | -45.1 | 16.2 | 3247 | 1952 | -13.9 | 8.3 | -3 | -8 | -1368.1 | 522.2 | -85.1 | -228.8 | -15.4 |
| 34TH | 402.50 | -45.8 | 17.4 | 3247 | 1952 | -14.1 | 8.9 | -3 | -9 | -1322.9 | 506.1 | -78.6 | -212.0 | -15.0 |
| 35TH | 415.00 | -46.5 | 18.1 | 3247 | 1952 | -14.3 | 9.2 | -4 | -10 | -1277.1 | 488.6 | -72.4 | -195.7 | -14.5 |
| 36TH | 427.50 | -47.2 | 18.7 | 3247 | 1952 | -14.5 | 9.6 | -4 | -10 | -1230.7 | 470.6 | -66.4 | -180.1 | -14.0 |
| 37TH | 440.00 | -47.9 | 19.3 | 3247 | 1952 | -14.8 | 9.9 | -4 | -10 | -1183.5 | 451.9 | -60.7 | -165.0 | -13.5 |
| 38TH | 452.50 | -48.7 | 19.9 | 3247 | 1952 | -15.0 | 10.2 | -4 | -11 | -1135.5 | 432.6 | -55.1 | -150.5 | -12.9 |
| 39TH | 465.00 | -49.4 | 20.5 | 3247 | 1952 | -15.2 | 10.5 | -5 | -11 | -1086.9 | 412.8 | -49.9 | -136.6 | -12.3 |
| 40TH | 477.50 | -50.2 | 21.1 | 3247 | 1952 | -15.5 | 10.8 | -5 | -12 | -1037.4 | 392.3 | -44.8 | -123.3 | -11.6 |
| MECH | 490.00 | -90.3 | 37.9 | 5715 | 3436 | -15.8 | 11.0 | -5 | -12 | -987.3 | 371.2 | -40.1 | -110.6 | -10.9 |
| 43RD | 512.00 | -52.5 | 21.6 | 3247 | 1952 | -16.2 | 11.1 | -5 | -12 | -897.0 | 333.3 | -32.3 | -89.9 | -9.7 |
| 44TH | 524.50 | -53.4 | 21.6 | 3247 | 1952 | -16.4 | 11.1 | -5 | -12 | -844.5 | 311.7 | -28.3 | -79.0 | -9.0 |
| 45TH | 537.00 | -54.3 | 21.7 | 3247 | 1952 | -16.7 | 11.1 | -5 | -12 | -791.1 | 290.0 | -24.5 | -68.8 | -8.3 |
| 46TH | 549.50 | -55.2 | 21.7 | 3247 | 1952 | -17.0 | 11.1 | -4 | -11 | -736.9 | 268.4 | -21.0 | -59.3 | -7.5 |
| 47TH | 562.00 | -56.0 | 21.7 | 3247 | 1952 | -17.3 | 11.1 | -4 | -11 | -681.7 | 246.7 | -17.8 | -50.4 | -6.8 |
| 48TH | 574.50 | -56.9 | 21.7 | 3247 | 1952 | -17.5 | 11.1 | -4 | -11 | -625.7 | 225.0 | -14.9 | -42.2 | -6.1 |
| 49TH | 587.00 | -57.5 | 21.7 | 3247 | 1952 | -17.7 | 11.1 | -4 | -11 | -568.7 | 203.3 | -12.2 | -34.8 | -5.3 |
| 50TH | 599.50 | -58.0 | 21.6 | 3247 | 1952 | -17.9 | 11.0 | -4 | -10 | -511.2 | 181.6 | -9.8 | -28.0 | -4.6 |
| 51ST | 612.00 | -58.5 | 21.5 | 3247 | 1952 | -18.0 | 11.0 | -4 | -10 | -453.2 | 160.0 | -7.6 | -22.0 | -3.9 |
| 52ND | 624.50 | -59.1 | 21.4 | 3247 | 1952 | -18.2 | 10.9 | -3 | -9 | -394.7 | 138.6 | -5.8 | -16.7 | -3.3 |
| 53RD | 637.00 | -59.6 | 21.3 | 3247 | 1952 | -18.3 | 10.9 | -3 | -9 | -335.6 | 117.2 | -4.2 | -12.1 | -2.7 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 60 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -60.1 | 21.2 | 3247 | 1952 | -18.5 | 10.8 | -3 | -8 | -276.1 | 96.0 | -2.8 | -8.3 | -2.1 |
| 55TH | 662.00 | -60.6 | 21.1 | 3247 | 1952 | -18.7 | 10.8 | -3 | -8 | -216.0 | 74.8 | -1.8 | -5.2 | -1.6 |
| 56TH | 674.50 | -55.8 | 21.3 | 3247 | 2067 | -17.2 | 10.3 | -2 | -4 | -155.4 | 53.7 | -1.0 | -2.9 | -1.0 |
| 57TH | 687.00 | -50.2 | 16.2 | 3247 | 2039 | -15.5 | 7.9 | -3 | -8 | -99.6 | 32.5 | -.4 | -1.3 | -.8 |
| PARA | 699.50 | -49.4 | 16.3 | 3507 | 2157 | -14.1 | 7.5 | -2 | -6 | -49.4 | 16.3 | -.1 | -.4 | -.3 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7 SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 70 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -46.9 | .7 | 4676 | 2811 | -10.0 | .2 | -0 | -3 | -2461.0 | 979.7 | -489.1 | -917.7 | -33.3 |
| 2ND | 18.00 | -30.5 | -.8 | 3247 | 1952 | -9.4 | -.4 | 0 | -6 | -2414.1 | 979.1 | -471.5 | -873.8 | -33.2 |
| 3RD | 30.50 | -31.3 | -1.6 | 3247 | 1952 | -9.6 | -.8 | 0 | -9 | -2383.6 | 979.8 | -459.3 | -843.8 | -33.0 |
| 4TH | 43.00 | -39.5 | -1.3 | 5715 | 3436 | -10.4 | -.4 | 0 | -8 | -2352.3 | 981.4 | -447.0 | -814.2 | -32.7 |
| 6TH | 65.00 | -39.7 | -.3 | 3247 | 1952 | -12.2 | -.2 | 0 | -6 | -2292.8 | 982.7 | -425.4 | -763.1 | -32.2 |
| 7TH | 77.50 | -40.6 | -.0 | 3247 | 1952 | -12.5 | -.0 | 0 | -5 | -2253.1 | 983.0 | -413.1 | -734.7 | -32.0 |
| 8TH | 90.00 | -40.5 | .3 | 3247 | 1952 | -12.5 | .1 | -0 | -5 | -2212.6 | 983.0 | -400.8 | -706.8 | -31.8 |
| 9TH | 102.50 | -40.5 | .5 | 3247 | 1952 | -12.5 | .3 | -0 | -4 | -2172.1 | 982.8 | -388.5 | -679.4 | -31.6 |
| 10TH | 115.00 | -40.4 | .8 | 3247 | 1952 | -12.4 | .4 | -0 | -4 | -2131.6 | 982.2 | -376.3 | -652.5 | -31.4 |
| 11TH | 127.50 | -40.4 | 1.1 | 3247 | 1952 | -12.4 | .6 | -0 | -4 | -2091.2 | 981.4 | -364.0 | -626.1 | -31.3 |
| 12TH | 140.00 | -40.6 | 1.5 | 3247 | 1952 | -12.5 | .8 | -0 | -4 | -2050.9 | 980.3 | -351.7 | -600.2 | -31.1 |
| 14TH | 152.50 | -41.1 | 2.1 | 3247 | 1952 | -12.7 | 1.1 | -0 | -4 | -2010.3 | 978.7 | -339.5 | -574.8 | -31.0 |
| 15TH | 165.00 | -41.7 | 2.7 | 3247 | 1952 | -12.8 | 1.4 | -0 | -4 | -1969.2 | 976.6 | -327.3 | -550.0 | -30.8 |
| 16TH | 177.50 | -42.2 | 3.3 | 3247 | 1952 | -13.0 | 1.7 | -0 | -4 | -1927.5 | 973.9 | -315.1 | -525.6 | -30.7 |
| 17TH | 190.00 | -42.8 | 3.9 | 3247 | 1952 | -13.2 | 2.0 | -0 | -4 | -1885.3 | 970.6 | -302.9 | -501.8 | -30.5 |
| 18TH | 202.50 | -43.3 | 4.5 | 3247 | 1952 | -13.3 | 2.3 | -0 | -4 | -1842.5 | 966.7 | -290.8 | -478.5 | -30.3 |
| 19TH | 215.00 | -43.9 | 5.0 | 3247 | 1952 | -13.5 | 2.6 | -0 | -4 | -1799.1 | 962.3 | -278.8 | -455.7 | -30.2 |
| 20TH | 227.50 | -44.1 | 5.9 | 3247 | 1952 | -13.6 | 3.0 | -1 | -4 | -1755.3 | 957.2 | -266.8 | -433.5 | -30.0 |
| 21ST | 240.00 | -43.8 | 7.5 | 3247 | 1952 | -13.5 | 3.8 | -1 | -4 | -1711.1 | 951.3 | -254.8 | -411.8 | -29.8 |
| 22ND | 252.50 | -43.5 | 9.0 | 3247 | 1952 | -13.4 | 4.6 | -1 | -4 | -1667.3 | 943.8 | -243.0 | -390.7 | -29.6 |
| 23RD | 265.00 | -43.2 | 10.5 | 3247 | 1952 | -13.3 | 5.4 | -1 | -4 | -1623.7 | 934.9 | -231.2 | -370.2 | -29.5 |
| 24TH | 277.50 | -42.9 | 12.0 | 3247 | 1952 | -13.2 | 6.1 | -1 | -5 | -1580.5 | 924.4 | -219.6 | -350.1 | -29.3 |
| 25TH | 290.00 | -42.6 | 13.5 | 3247 | 1952 | -13.1 | 6.9 | -1 | -5 | -1537.6 | 912.4 | -208.1 | -330.6 | -29.0 |
| 26TH | 302.50 | -42.3 | 15.0 | 3247 | 1952 | -13.0 | 7.7 | -2 | -5 | -1494.9 | 898.9 | -196.8 | -311.7 | -28.8 |
| 27TH | 315.00 | -42.2 | 16.5 | 3247 | 1952 | -13.0 | 8.5 | -2 | -5 | -1452.6 | 883.9 | -185.7 | -293.3 | -28.6 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -42.6 | 18.1 | 3247 | 1952 | -13.1 | 9.3 | -3 | -7 | -1410.4 | 867.3 | -174.7 | -275.4 | -28.3 |
| 29TH | 340.00 | -43.0 | 19.7 | 3247 | 1952 | -13.2 | 10.1 | -4 | -8 | -1367.7 | 849.2 | -164.0 | -258.0 | -28.0 |
| 30TH | 352.50 | -43.4 | 21.2 | 3247 | 1952 | -13.4 | 10.9 | -5 | -10 | -1324.7 | 829.5 | -153.5 | -241.2 | -27.6 |
| 31ST | 365.00 | -43.8 | 22.8 | 3247 | 1952 | -13.5 | 11.7 | -6 | -11 | -1281.3 | 808.3 | -143.3 | -224.9 | -27.1 |
| 32ND | 377.50 | -44.2 | 24.4 | 3247 | 1952 | -13.6 | 12.5 | -7 | -12 | -1237.5 | 785.5 | -133.3 | -209.2 | -26.5 |
| 33RD | 390.00 | -44.6 | 25.9 | 3247 | 1952 | -13.7 | 13.3 | -8 | -13 | -1193.3 | 761.1 | -123.7 | -194.0 | -25.8 |
| 34TH | 402.50 | -44.9 | 27.2 | 3247 | 1952 | -13.8 | 13.9 | -8 | -14 | -1148.6 | 735.2 | -114.3 | -179.3 | -25.0 |
| 35TH | 415.00 | -44.8 | 27.7 | 3247 | 1952 | -13.8 | 14.2 | -9 | -14 | -1103.8 | 708.0 | -105.3 | -165.3 | -24.1 |
| 36TH | 427.50 | -44.9 | 28.2 | 3247 | 1952 | -13.8 | 14.4 | -9 | -15 | -1059.0 | 680.3 | -96.6 | -151.7 | -23.2 |
| 37TH | 440.00 | -44.9 | 28.7 | 3247 | 1952 | -13.8 | 14.7 | -10 | -15 | -1014.2 | 652.1 | -88.3 | -138.8 | -22.3 |
| 38TH | 452.50 | -45.0 | 29.2 | 3247 | 1952 | -13.9 | 15.0 | -10 | -16 | -969.2 | 623.4 | -80.3 | -126.4 | -21.4 |
| 39TH | 465.00 | -45.1 | 29.7 | 3247 | 1952 | -13.9 | 15.2 | -11 | -16 | -924.2 | 594.1 | -72.7 | -114.5 | -20.4 |
| 40TH | 477.50 | -45.2 | 30.2 | 3247 | 1952 | -13.9 | 15.5 | -11 | -16 | -879.1 | 564.4 | -65.5 | -103.3 | -19.3 |
| MECH | 490.00 | -80.0 | 53.8 | 5715 | 3436 | -14.0 | 15.7 | -11 | -17 | -833.9 | 534.2 | -58.6 | -92.6 | -18.3 |
| 43RD | 512.00 | -46.0 | 30.5 | 3247 | 1952 | -14.2 | 15.6 | -11 | -17 | -753.8 | 480.4 | -47.4 | -75.1 | -16.3 |
| 44TH | 524.50 | -46.3 | 30.5 | 3247 | 1952 | -14.3 | 15.6 | -11 | -17 | -707.9 | 449.9 | -41.6 | -66.0 | -15.2 |
| 45TH | 537.00 | -46.7 | 30.4 | 3247 | 1952 | -14.4 | 15.6 | -11 | -17 | -661.6 | 419.4 | -36.2 | -57.4 | -14.0 |
| 46TH | 549.50 | -47.0 | 30.4 | 3247 | 1952 | -14.5 | 15.6 | -11 | -18 | -614.9 | 389.0 | -31.1 | -49.4 | -12.9 |
| 47TH | 562.00 | -47.4 | 30.3 | 3247 | 1952 | -14.6 | 15.5 | -11 | -18 | -567.9 | 358.7 | -26.5 | -42.0 | -11.7 |
| 48TH | 574.50 | -47.7 | 30.3 | 3247 | 1952 | -14.7 | 15.5 | -11 | -18 | -520.5 | 328.4 | -22.2 | -35.2 | -10.5 |
| 49TH | 587.00 | -48.0 | 30.4 | 3247 | 1952 | -14.8 | 15.6 | -11 | -17 | -472.8 | 298.1 | -18.2 | -29.0 | -9.3 |
| 50TH | 599.50 | -48.2 | 30.5 | 3247 | 1952 | -14.9 | 15.6 | -11 | -17 | -424.9 | 267.7 | -14.7 | -23.4 | -8.1 |
| 51ST | 612.00 | -48.5 | 30.6 | 3247 | 1952 | -14.9 | 15.7 | -10 | -16 | -376.6 | 237.3 | -11.6 | -18.4 | -7.0 |
| 52ND | 624.50 | -48.8 | 30.7 | 3247 | 1952 | -15.0 | 15.7 | -10 | -15 | -328.1 | 206.7 | -8.8 | -14.0 | -5.9 |
| 53RD | 637.00 | -49.0 | 30.8 | 3247 | 1952 | -15.1 | 15.8 | -9 | -15 | -279.3 | 176.0 | -6.4 | -10.2 | -4.9 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|------|------|
| RELIANCE CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | |
| WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32 | | | | | | | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -49.3 | 31.0 | 3247 | 1952 | -15.2 | 15.9 | -9 | -14 | -230.3 | 145.1 | -4.4 | -7.0 | -3.9 |
| 55TH | 662.00 | -49.6 | 31.1 | 3247 | 1952 | -15.3 | 15.9 | -8 | -14 | -181.0 | 114.2 | -2.8 | -4.5 | -2.9 |
| 56TH | 674.50 | -45.6 | 31.0 | 3247 | 2067 | -14.1 | 15.0 | -6 | -9 | -131.5 | 83.1 | -1.5 | -2.5 | -2.0 |
| 57TH | 687.00 | -42.2 | 26.3 | 3247 | 2039 | -13.0 | 12.9 | -8 | -12 | -85.8 | 52.1 | -.7 | -1.1 | -1.4 |
| PARA | 699.50 | -43.6 | 25.7 | 3247 | 2039 | -13.0 | 12.9 | -8 | -12 | -43.6 | 25.7 | -.2 | -.3 | -.6 |
| TOP | 714.67 | | | 3507 | 2157 | -12.4 | 11.9 | -6 | -11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -2016.7 | 958.9 | -464.8 | -754.3 | -37.2 |
| 2ND | 18.00 | -54.3 | 4.4 | 4676 | 2811 | -11.6 | 1.6 | -0 | -3 | -1962.4 | 954.6 | -447.5 | -718.5 | -37.1 |
| 3RD | 36.00 | -33.4 | 2.0 | 3247 | 1952 | -10.3 | 1.0 | -0 | -5 | -1929.0 | 952.6 | -435.6 | -694.2 | -36.9 |
| 4TH | 54.00 | -32.4 | 1.3 | 3247 | 1952 | -10.0 | .7 | -0 | -6 | -1896.6 | 951.3 | -423.7 | -670.2 | -36.7 |
| 5TH | 72.00 | -56.9 | 2.9 | 5715 | 3436 | -9.9 | .8 | -0 | -8 | -1839.7 | 948.4 | -402.8 | -629.1 | -36.2 |
| 6TH | 90.00 | -34.5 | 1.8 | 3247 | 1952 | -10.6 | .9 | -0 | -7 | -1805.2 | 946.7 | -391.0 | -606.4 | -36.0 |
| 7TH | 108.00 | -33.4 | 1.9 | 3247 | 1952 | -10.3 | 1.0 | -0 | -8 | -1771.9 | 944.8 | -379.2 | -584.0 | -35.7 |
| 8TH | 126.00 | -31.6 | 2.0 | 3247 | 1952 | -9.7 | 1.0 | -1 | -8 | -1740.2 | 942.8 | -367.4 | -562.1 | -35.4 |
| 9TH | 144.00 | -29.9 | 2.1 | 3247 | 1952 | -9.2 | 1.1 | -1 | -9 | -1710.4 | 940.7 | -355.6 | -540.5 | -35.2 |
| 10TH | 162.00 | -28.1 | 2.2 | 3247 | 1952 | -8.7 | 1.1 | -1 | -10 | -1682.2 | 938.5 | -343.8 | -519.3 | -34.9 |
| 11TH | 180.00 | -26.4 | 2.3 | 3247 | 1952 | -8.1 | 1.2 | -1 | -11 | -1655.9 | 936.2 | -332.1 | -498.4 | -34.6 |
| 12TH | 198.00 | -25.8 | 2.7 | 3247 | 1952 | -8.0 | 1.4 | -1 | -12 | -1630.0 | 933.5 | -320.4 | -477.9 | -34.3 |
| 13TH | 216.00 | -26.7 | 3.3 | 3247 | 1952 | -8.2 | 1.7 | -1 | -11 | -1603.3 | 930.2 | -308.8 | -457.7 | -34.0 |
| 14TH | 234.00 | -27.7 | 4.0 | 3247 | 1952 | -8.5 | 2.1 | -2 | -11 | -1575.6 | 926.1 | -297.2 | -437.8 | -33.7 |
| 15TH | 252.00 | -28.6 | 4.7 | 3247 | 1952 | -8.8 | 2.4 | -2 | -11 | -1547.1 | 921.4 | -285.6 | -418.3 | -33.4 |
| 16TH | 270.00 | -29.5 | 5.4 | 3247 | 1952 | -9.1 | 2.8 | -2 | -10 | -1517.5 | 916.1 | -274.2 | -399.1 | -33.0 |
| 17TH | 288.00 | -30.4 | 6.1 | 3247 | 1952 | -9.4 | 3.1 | -2 | -10 | -1487.1 | 910.0 | -262.7 | -380.4 | -32.7 |
| 18TH | 306.00 | -31.4 | 6.7 | 3247 | 1952 | -9.7 | 3.5 | -2 | -10 | -1455.8 | 903.3 | -251.4 | -362.0 | -32.4 |
| 19TH | 324.00 | -32.1 | 7.6 | 3247 | 1952 | -9.9 | 3.9 | -2 | -10 | -1423.6 | 895.6 | -240.2 | -344.0 | -32.1 |
| 20TH | 342.00 | -32.6 | 8.8 | 3247 | 1952 | -10.0 | 4.5 | -3 | -10 | -1391.0 | 886.8 | -229.0 | -326.4 | -31.7 |
| 21ST | 360.00 | -33.1 | 10.1 | 3247 | 1952 | -10.2 | 5.2 | -3 | -10 | -1357.9 | 876.7 | -218.0 | -309.2 | -31.3 |
| 22ND | 378.00 | -33.6 | 11.3 | 3247 | 1952 | -10.4 | 5.8 | -4 | -11 | -1324.3 | 865.4 | -207.1 | -292.4 | -30.9 |
| 23RD | 396.00 | -34.1 | 12.5 | 3247 | 1952 | -10.5 | 6.4 | -4 | -11 | -1290.2 | 852.9 | -196.4 | -276.1 | -30.5 |
| 24TH | 414.00 | -34.6 | 13.8 | 3247 | 1952 | -10.7 | 7.1 | -4 | -11 | -1255.6 | 839.1 | -185.8 | -260.2 | -30.1 |
| 25TH | 432.00 | -35.1 | 15.0 | 3247 | 1952 | -10.8 | 7.7 | -5 | -11 | -1220.5 | 824.1 | -175.4 | -244.7 | -29.6 |
| 26TH | 450.00 | -35.6 | 16.3 | 3247 | 1952 | -11.0 | 8.3 | -5 | -12 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 80

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -36.1 | 17.6 | 3247 | 1952 | -11.1 | 9.0 | -6 | -12 | -1184.9 | 807.9 | -165.2 | -229.7 | -29.1 |
| 29TH | 340.00 | -36.6 | 18.9 | 3247 | 1952 | -11.3 | 9.7 | -7 | -13 | -1148.8 | 790.3 | -155.2 | -215.1 | -28.6 |
| 30TH | 352.50 | -37.1 | 20.2 | 3247 | 1952 | -11.4 | 10.3 | -8 | -14 | -1112.3 | 771.4 | -145.5 | -201.0 | -28.0 |
| 31ST | 365.00 | -37.6 | 21.5 | 3247 | 1952 | -11.6 | 11.0 | -8 | -15 | -1075.2 | 751.3 | -135.9 | -187.3 | -27.3 |
| 32ND | 377.50 | -38.0 | 22.8 | 3247 | 1952 | -11.7 | 11.7 | -9 | -16 | -1037.6 | 729.8 | -126.7 | -174.1 | -26.5 |
| 33RD | 390.00 | -38.5 | 24.1 | 3247 | 1952 | -11.9 | 12.3 | -10 | -16 | -999.6 | 707.1 | -117.7 | -161.3 | -25.7 |
| 34TH | 402.50 | -38.8 | 25.1 | 3247 | 1952 | -11.9 | 12.8 | -11 | -17 | -961.1 | 683.0 | -109.0 | -149.1 | -24.9 |
| 35TH | 415.00 | -38.5 | 25.3 | 3247 | 1952 | -11.8 | 13.0 | -11 | -17 | -922.3 | 658.0 | -100.6 | -137.3 | -24.0 |
| 36TH | 427.50 | -38.4 | 25.6 | 3247 | 1952 | -11.8 | 13.1 | -11 | -17 | -883.8 | 632.6 | -92.6 | -126.0 | -23.0 |
| 37TH | 440.00 | -38.3 | 25.9 | 3247 | 1952 | -11.8 | 13.2 | -12 | -17 | -845.5 | 607.1 | -84.8 | -115.2 | -22.1 |
| 38TH | 452.50 | -38.2 | 26.1 | 3247 | 1952 | -11.8 | 13.4 | -12 | -18 | -807.1 | 581.2 | -77.4 | -104.9 | -21.1 |
| 39TH | 465.00 | -38.1 | 26.4 | 3247 | 1952 | -11.7 | 13.5 | -12 | -18 | -768.9 | 555.1 | -70.3 | -95.0 | -20.1 |
| 40TH | 477.50 | -38.1 | 26.7 | 3247 | 1952 | -11.7 | 13.7 | -13 | -18 | -730.8 | 528.7 | -63.5 | -85.7 | -19.1 |
| MECH | 490.00 | -67.1 | 47.3 | 5715 | 3436 | -11.7 | 13.8 | -13 | -18 | -692.7 | 502.1 | -57.1 | -76.8 | -18.1 |
| 43RD | 512.00 | -38.5 | 26.9 | 3247 | 1952 | -11.8 | 13.8 | -13 | -18 | -625.6 | 454.8 | -46.6 | -62.3 | -16.3 |
| 44TH | 524.50 | -38.7 | 26.9 | 3247 | 1952 | -11.9 | 13.8 | -13 | -19 | -587.1 | 427.8 | -41.0 | -54.7 | -15.2 |
| 45TH | 537.00 | -38.9 | 27.0 | 3247 | 1952 | -12.0 | 13.8 | -13 | -19 | -548.4 | 400.9 | -35.9 | -47.6 | -14.1 |
| 46TH | 549.50 | -39.2 | 27.0 | 3247 | 1952 | -12.1 | 13.8 | -13 | -19 | -509.5 | 374.0 | -31.0 | -41.0 | -13.1 |
| 47TH | 562.00 | -39.4 | 27.0 | 3247 | 1952 | -12.1 | 13.8 | -13 | -19 | -470.3 | 347.0 | -26.5 | -34.9 | -12.0 |
| 48TH | 574.50 | -39.6 | 27.0 | 3247 | 1952 | -12.2 | 13.8 | -13 | -19 | -430.9 | 320.0 | -22.3 | -29.2 | -10.9 |
| 49TH | 587.00 | -39.8 | 27.5 | 3247 | 1952 | -12.3 | 14.1 | -13 | -19 | -391.3 | 292.9 | -18.5 | -24.1 | -9.7 |
| 50TH | 599.50 | -39.9 | 28.1 | 3247 | 1952 | -12.3 | 14.4 | -13 | -18 | -351.5 | 265.4 | -15.0 | -19.4 | -8.6 |
| 51ST | 612.00 | -40.0 | 28.7 | 3247 | 1952 | -12.3 | 14.7 | -12 | -17 | -311.6 | 237.3 | -11.9 | -15.3 | -7.6 |
| 52ND | 624.50 | -40.2 | 29.3 | 3247 | 1952 | -12.4 | 15.0 | -12 | -17 | -271.6 | 208.6 | -9.1 | -11.7 | -6.5 |
| 53RD | 637.00 | -40.3 | 29.9 | 3247 | 1952 | -12.4 | 15.3 | -12 | -16 | -231.4 | 179.3 | -6.7 | -8.5 | -5.5 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
|--------------------------------------|--------|-------------------------|------|--------------|------|----------------|------|------------|-----|-----------------------------|-------|-----------------------|------|------|
| WIND DIRECTION 80 | | CONFIGURATION A | | | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -40.4 | 30.5 | 3247 | 1952 | -12.4 | 15.6 | -12 | -16 | -191.1 | 149.4 | -4.6 | -5.9 | -4.5 |
| 55TH | 662.00 | -40.5 | 31.1 | 3247 | 1952 | -12.5 | 15.9 | -11 | -15 | -150.7 | 118.9 | -2.9 | -3.7 | -3.5 |
| 56TH | 674.50 | -37.8 | 31.4 | 3247 | 2067 | -11.6 | 15.2 | -9 | -11 | -110.2 | 87.9 | -1.6 | -2.1 | -2.5 |
| 57TH | 687.00 | -35.7 | 28.3 | 3247 | 2039 | -11.0 | 13.9 | -12 | -15 | -72.4 | 56.5 | -.7 | -1.0 | -1.8 |
| PARA | 699.50 | -36.7 | 28.2 | 3507 | 2157 | -10.5 | 13.1 | -12 | -16 | -36.7 | 28.2 | -.2 | -.3 | -.9 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 90

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -35.0 | 2.4 | 4676 | 2811 | -7.5 | .8 | -0 | -3 | -1445.2 | 769.9 | -373.1 | -561.2 | -32.8 |
| 2ND | 18.00 | -21.2 | 1.8 | 3247 | 1952 | -6.5 | .9 | -0 | -4 | -1410.1 | 767.5 | -359.2 | -535.6 | -32.7 |
| 3RD | 30.50 | -20.7 | 2.0 | 3247 | 1952 | -6.4 | 1.0 | -0 | -5 | -1388.9 | 765.7 | -349.6 | -518.1 | -32.6 |
| 4TH | 43.00 | -36.0 | 4.7 | 5715 | 3436 | -6.3 | 1.4 | -1 | -6 | -1368.2 | 763.7 | -340.1 | -500.8 | -32.5 |
| 6TH | 65.00 | -22.5 | 3.0 | 3247 | 1952 | -6.9 | 1.6 | -1 | -6 | -1332.2 | 759.0 | -323.3 | -471.1 | -32.3 |
| 7TH | 77.50 | -22.5 | 3.3 | 3247 | 1952 | -6.9 | 1.7 | -1 | -7 | -1309.7 | 755.9 | -313.9 | -454.6 | -32.2 |
| 8TH | 90.00 | -22.2 | 3.5 | 3247 | 1952 | -6.8 | 1.8 | -1 | -8 | -1287.1 | 752.7 | -304.4 | -438.4 | -32.0 |
| 9TH | 102.50 | -21.9 | 3.8 | 3247 | 1952 | -6.7 | 2.0 | -2 | -10 | -1264.9 | 749.1 | -295.0 | -422.4 | -31.8 |
| 10TH | 115.00 | -21.6 | 4.1 | 3247 | 1952 | -6.6 | 2.1 | -2 | -11 | -1243.0 | 745.3 | -285.7 | -406.8 | -31.6 |
| 11TH | 127.50 | -21.3 | 4.3 | 3247 | 1952 | -6.5 | 2.2 | -3 | -13 | -1221.4 | 741.2 | -276.4 | -391.4 | -31.3 |
| 12TH | 140.00 | -21.2 | 4.6 | 3247 | 1952 | -6.5 | 2.4 | -3 | -13 | -1200.2 | 736.9 | -267.2 | -376.2 | -31.1 |
| 14TH | 152.50 | -21.4 | 5.0 | 3247 | 1952 | -6.6 | 2.5 | -3 | -13 | -1179.0 | 732.3 | -258.0 | -361.3 | -30.8 |
| 15TH | 165.00 | -21.7 | 5.3 | 3247 | 1952 | -6.7 | 2.7 | -3 | -13 | -1157.6 | 727.3 | -248.9 | -346.7 | -30.5 |
| 16TH | 177.50 | -21.9 | 5.6 | 3247 | 1952 | -6.7 | 2.9 | -3 | -13 | -1135.9 | 722.0 | -239.8 | -332.4 | -30.2 |
| 17TH | 190.00 | -22.2 | 5.9 | 3247 | 1952 | -6.8 | 3.0 | -3 | -13 | -1114.0 | 716.4 | -230.8 | -318.3 | -29.9 |
| 18TH | 202.50 | -22.4 | 6.3 | 3247 | 1952 | -6.9 | 3.2 | -4 | -13 | -1091.8 | 710.5 | -221.9 | -304.6 | -29.6 |
| 19TH | 215.00 | -22.6 | 6.6 | 3247 | 1952 | -7.0 | 3.4 | -4 | -12 | -1069.4 | 704.2 | -213.1 | -291.1 | -29.3 |
| 20TH | 227.50 | -22.8 | 7.0 | 3247 | 1952 | -7.0 | 3.6 | -4 | -12 | -1046.8 | 697.6 | -204.3 | -277.8 | -29.0 |
| 21ST | 240.00 | -22.6 | 7.5 | 3247 | 1952 | -7.0 | 3.8 | -4 | -12 | -1024.0 | 690.6 | -195.6 | -264.9 | -28.7 |
| 22ND | 252.50 | -22.5 | 7.9 | 3247 | 1952 | -6.9 | 4.1 | -4 | -12 | -1001.4 | 683.1 | -187.0 | -252.2 | -28.4 |
| 23RD | 265.00 | -22.4 | 8.4 | 3247 | 1952 | -6.9 | 4.3 | -5 | -12 | -978.9 | 675.2 | -178.6 | -239.8 | -28.0 |
| 24TH | 277.50 | -22.3 | 8.9 | 3247 | 1952 | -6.9 | 4.5 | -5 | -12 | -956.5 | 666.8 | -170.2 | -227.8 | -27.7 |
| 25TH | 290.00 | -22.2 | 9.4 | 3247 | 1952 | -6.8 | 4.8 | -5 | -12 | -934.2 | 657.9 | -161.9 | -215.9 | -27.4 |
| 26TH | 302.50 | -22.1 | 9.8 | 3247 | 1952 | -6.8 | 5.0 | -5 | -12 | -912.0 | 648.5 | -153.7 | -204.4 | -27.1 |
| 27TH | 315.00 | -22.1 | 10.4 | 3247 | 1952 | -6.8 | 5.3 | -6 | -12 | -889.9 | 638.7 | -145.7 | -193.1 | -26.8 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -22.4 | 11.5 | 3247 | 1952 | -6.9 | 5.9 | -7 | -14 | -867.9 | 628.3 | -137.8 | -182.1 | -26.4 |
| 29TH | 340.00 | -22.8 | 12.6 | 3247 | 1952 | -7.0 | 6.5 | -8 | -15 | -845.4 | 616.8 | -130.0 | -171.4 | -26.0 |
| 30TH | 352.50 | -23.2 | 13.7 | 3247 | 1952 | -7.1 | 7.0 | -9 | -15 | -822.6 | 604.2 | -122.3 | -161.0 | -25.6 |
| 31ST | 365.00 | -23.6 | 14.8 | 3247 | 1952 | -7.3 | 7.6 | -10 | -16 | -799.4 | 590.5 | -114.9 | -150.9 | -25.1 |
| 32ND | 377.50 | -23.9 | 15.8 | 3247 | 1952 | -7.4 | 8.1 | -11 | -17 | -775.9 | 575.7 | -107.6 | -141.0 | -24.6 |
| 33RD | 390.00 | -24.3 | 16.9 | 3247 | 1952 | -7.5 | 8.7 | -12 | -17 | -751.9 | 559.9 | -100.5 | -131.5 | -24.0 |
| 34TH | 402.50 | -24.5 | 17.7 | 3247 | 1952 | -7.5 | 9.1 | -13 | -18 | -727.6 | 543.0 | -93.6 | -122.2 | -23.4 |
| 35TH | 415.00 | -24.4 | 17.8 | 3247 | 1952 | -7.5 | 9.1 | -13 | -18 | -703.1 | 525.3 | -86.9 | -113.3 | -22.7 |
| 36TH | 427.50 | -24.7 | 17.8 | 3247 | 1952 | -7.6 | 9.1 | -13 | -19 | -678.7 | 507.5 | -80.5 | -104.7 | -22.1 |
| 37TH | 440.00 | -25.0 | 17.9 | 3247 | 1952 | -7.7 | 9.2 | -14 | -19 | -654.0 | 489.7 | -74.2 | -96.3 | -21.4 |
| 38TH | 452.50 | -25.3 | 18.0 | 3247 | 1952 | -7.8 | 9.2 | -14 | -19 | -629.0 | 471.8 | -68.2 | -88.3 | -20.6 |
| 39TH | 465.00 | -25.5 | 18.0 | 3247 | 1952 | -7.9 | 9.2 | -14 | -20 | -603.7 | 453.8 | -62.4 | -80.6 | -19.9 |
| 40TH | 477.50 | -25.8 | 18.1 | 3247 | 1952 | -7.9 | 9.3 | -14 | -20 | -578.2 | 435.8 | -56.9 | -73.2 | -19.1 |
| MECH | 490.00 | -46.1 | 32.2 | 5715 | 3436 | -8.1 | 9.4 | -15 | -21 | -552.4 | 417.7 | -51.5 | -66.2 | -18.4 |
| 43RD | 512.00 | -26.6 | 18.7 | 3247 | 1952 | -8.2 | 9.6 | -15 | -21 | -506.3 | 385.4 | -42.7 | -54.5 | -16.9 |
| 44TH | 524.50 | -26.9 | 19.0 | 3247 | 1952 | -8.3 | 9.7 | -15 | -22 | -479.7 | 366.7 | -38.0 | -48.3 | -16.1 |
| 45TH | 537.00 | -27.2 | 19.3 | 3247 | 1952 | -8.4 | 9.9 | -16 | -22 | -452.8 | 347.7 | -33.5 | -42.5 | -15.2 |
| 46TH | 549.50 | -27.5 | 19.5 | 3247 | 1952 | -8.5 | 10.0 | -16 | -23 | -425.6 | 328.5 | -29.3 | -37.0 | -14.3 |
| 47TH | 562.00 | -27.8 | 19.8 | 3247 | 1952 | -8.6 | 10.2 | -16 | -23 | -398.1 | 308.9 | -25.3 | -31.9 | -13.4 |
| 48TH | 574.50 | -28.1 | 20.1 | 3247 | 1952 | -8.6 | 10.3 | -17 | -24 | -370.3 | 289.1 | -21.6 | -27.1 | -12.4 |
| 49TH | 587.00 | -29.1 | 21.2 | 3247 | 1952 | -9.0 | 10.9 | -17 | -23 | -342.2 | 269.0 | -18.1 | -22.6 | -11.4 |
| 50TH | 599.50 | -30.2 | 22.5 | 3247 | 1952 | -9.3 | 11.5 | -17 | -22 | -313.1 | 247.8 | -14.9 | -18.5 | -10.4 |
| 51ST | 612.00 | -31.4 | 23.8 | 3247 | 1952 | -9.7 | 12.2 | -16 | -22 | -282.9 | 225.3 | -11.9 | -14.8 | -9.3 |
| 52ND | 624.50 | -32.5 | 25.1 | 3247 | 1952 | -10.0 | 12.8 | -16 | -21 | -251.5 | 201.5 | -9.3 | -11.5 | -8.3 |
| 53RD | 637.00 | -33.7 | 26.4 | 3247 | 1952 | -10.4 | 13.5 | -16 | -20 | -219.0 | 176.4 | -6.9 | -8.5 | -7.2 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS | | | | | | | | | | | | | | |
|------------------------------------|--------|-----------------|------|--------------|------|-------------------------|------|------------|-----|--------------|-------|-----------------------|------|------|
| WIND DIRECTION 90 | | CONFIGURATION A | | | | RELIANCE CENTER, DENVER | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
| | | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| FLOOR | HEIGHT | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -34.8 | 27.6 | 3247 | 1952 | -10.7 | 14.2 | -16 | -20 | -185.3 | 150.1 | -4.9 | -6.0 | -6.1 |
| 55TH | 662.00 | -36.0 | 28.9 | 3247 | 1952 | -11.1 | 14.8 | -16 | -19 | -150.5 | 122.4 | -3.1 | -3.9 | -4.9 |
| 56TH | 674.50 | -37.2 | 31.4 | 3247 | 2067 | -11.4 | 15.2 | -14 | -17 | -114.5 | 93.5 | -1.8 | -2.2 | -3.8 |
| 57TH | 687.00 | -37.0 | 30.4 | 3247 | 2039 | -11.4 | 14.9 | -17 | -21 | -77.4 | 62.1 | -.8 | -1.0 | -2.7 |
| PARA | 699.50 | -40.4 | 31.7 | 3507 | 2157 | -11.5 | 14.7 | -17 | -22 | -40.4 | 31.7 | -.2 | -.3 | -1.4 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 100

CONFIGURATION A

RELIANCE CENTER, DENVER

FEB 23, 1982

REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -889.1 | 430.5 | -198.9 | -361.9 | -32.9 |
| 2ND | 18.00 | -13.8 | 5.4 | 4676 | 2811 | -3.0 | 1.9 | -6 | -14 | -875.2 | 425.1 | -191.2 | -346.0 | -32.6 |
| 3RD | 30.50 | -8.6 | 3.4 | 3247 | 1952 | -2.7 | 1.7 | -7 | -17 | -866.6 | 421.7 | -185.9 | -335.1 | -32.5 |
| 4TH | 43.00 | -8.7 | 3.1 | 3247 | 1952 | -2.7 | 1.6 | -7 | -20 | -857.9 | 418.5 | -180.7 | -324.3 | -32.3 |
| 6TH | 65.00 | -14.8 | 5.5 | 5715 | 3436 | -2.6 | 1.6 | -8 | -21 | -843.1 | 413.0 | -171.5 | -305.6 | -31.9 |
| 7TH | 77.50 | -9.3 | 2.9 | 3247 | 1952 | -2.9 | 1.5 | -6 | -19 | -833.8 | 410.1 | -166.4 | -295.1 | -31.7 |
| 8TH | 90.00 | -9.7 | 2.8 | 3247 | 1952 | -3.0 | 1.4 | -5 | -19 | -824.1 | 407.3 | -161.3 | -284.8 | -31.5 |
| 9TH | 102.50 | -9.9 | 2.6 | 3247 | 1952 | -3.0 | 1.3 | -5 | -19 | -814.2 | 404.7 | -156.2 | -274.5 | -31.3 |
| 10TH | 115.00 | -10.1 | 2.4 | 3247 | 1952 | -3.1 | 1.3 | -5 | -19 | -804.1 | 402.3 | -151.1 | -264.4 | -31.1 |
| 11TH | 127.50 | -10.3 | 2.3 | 3247 | 1952 | -3.2 | 1.2 | -4 | -19 | -793.8 | 400.0 | -146.1 | -254.4 | -30.9 |
| 12TH | 140.00 | -10.5 | 2.1 | 3247 | 1952 | -3.2 | 1.1 | -4 | -19 | -783.3 | 397.9 | -141.1 | -244.6 | -30.7 |
| 12TH | 140.00 | -10.7 | 2.1 | 3247 | 1952 | -3.3 | 1.1 | -4 | -20 | -772.6 | 395.7 | -136.2 | -234.9 | -30.5 |
| 14TH | 152.50 | -10.9 | 2.3 | 3247 | 1952 | -3.4 | 1.2 | -4 | -21 | -761.7 | 393.4 | -131.2 | -225.3 | -30.2 |
| 15TH | 165.00 | -11.1 | 2.5 | 3247 | 1952 | -3.4 | 1.3 | -5 | -22 | -750.7 | 391.0 | -126.3 | -215.8 | -30.0 |
| 16TH | 177.50 | -11.3 | 2.7 | 3247 | 1952 | -3.5 | 1.4 | -6 | -24 | -739.4 | 388.3 | -121.5 | -206.5 | -29.7 |
| 17TH | 190.00 | -11.5 | 2.8 | 3247 | 1952 | -3.5 | 1.5 | -6 | -25 | -727.9 | 385.5 | -116.6 | -197.3 | -29.4 |
| 18TH | 202.50 | -11.7 | 3.0 | 3247 | 1952 | -3.6 | 1.5 | -7 | -26 | -716.3 | 382.5 | -111.8 | -188.3 | -29.1 |
| 19TH | 215.00 | -11.9 | 3.2 | 3247 | 1952 | -3.7 | 1.6 | -7 | -27 | -704.4 | 379.3 | -107.1 | -179.4 | -28.7 |
| 20TH | 227.50 | -12.1 | 3.4 | 3247 | 1952 | -3.7 | 1.7 | -8 | -28 | -692.3 | 375.9 | -102.3 | -170.7 | -28.4 |
| 21ST | 240.00 | -12.6 | 3.6 | 3247 | 1952 | -3.9 | 1.9 | -8 | -28 | -679.6 | 372.2 | -97.7 | -162.1 | -28.0 |
| 22ND | 252.50 | -13.1 | 3.9 | 3247 | 1952 | -4.0 | 2.0 | -9 | -29 | -666.6 | 368.4 | -93.0 | -153.7 | -27.6 |
| 23RD | 265.00 | -13.5 | 4.1 | 3247 | 1952 | -4.2 | 2.1 | -9 | -29 | -653.0 | 364.2 | -88.5 | -145.5 | -27.1 |
| 24TH | 277.50 | -14.0 | 4.4 | 3247 | 1952 | -4.3 | 2.2 | -9 | -30 | -639.0 | 359.9 | -83.9 | -137.4 | -26.7 |
| 25TH | 290.00 | -14.5 | 4.6 | 3247 | 1952 | -4.5 | 2.4 | -9 | -30 | -624.5 | 355.3 | -79.5 | -129.5 | -26.2 |
| 26TH | 302.50 | -14.9 | 4.8 | 3247 | 1952 | -4.6 | 2.5 | -10 | -30 | -609.6 | 350.4 | -75.1 | -121.8 | -25.7 |
| 27TH | 315.00 | -15.4 | 5.2 | 3247 | 1952 | -4.8 | 2.7 | -10 | -30 | | | | | |

TABLE 7 SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -16.1 | 6.0 | 3247 | 1952 | -4.9 | 3.1 | -12 | -31 | -594.1 | 345.2 | -70.7 | -114.2 | -25.2 |
| 29TH | 340.00 | -16.7 | 6.8 | 3247 | 1952 | -5.1 | 3.5 | -13 | -31 | -578.1 | 339.2 | -66.4 | -106.9 | -24.6 |
| 30TH | 352.50 | -17.3 | 7.6 | 3247 | 1952 | -5.3 | 3.9 | -14 | -31 | -561.4 | 332.4 | -62.2 | -99.8 | -24.0 |
| 31ST | 365.00 | -17.9 | 8.4 | 3247 | 1952 | -5.5 | 4.3 | -15 | -31 | -544.1 | 324.8 | -58.1 | -92.9 | -23.4 |
| 32ND | 377.50 | -18.5 | 9.2 | 3247 | 1952 | -5.7 | 4.7 | -16 | -31 | -526.2 | 316.3 | -54.1 | -86.2 | -22.7 |
| 33RD | 390.00 | -19.1 | 10.0 | 3247 | 1952 | -5.9 | 5.1 | -16 | -31 | -507.7 | 307.1 | -50.2 | -79.7 | -22.0 |
| 34TH | 402.50 | -19.7 | 10.7 | 3247 | 1952 | -6.1 | 5.5 | -17 | -31 | -488.6 | 297.1 | -46.4 | -73.5 | -21.2 |
| 35TH | 415.00 | -20.2 | 11.0 | 3247 | 1952 | -6.2 | 5.6 | -17 | -31 | -468.9 | 286.4 | -42.8 | -67.5 | -20.4 |
| 36TH | 427.50 | -20.5 | 11.3 | 3247 | 1952 | -6.3 | 5.8 | -17 | -31 | -448.7 | 275.4 | -39.3 | -61.8 | -19.6 |
| 37TH | 440.00 | -20.8 | 11.5 | 3247 | 1952 | -6.4 | 5.9 | -17 | -30 | -428.2 | 264.2 | -35.9 | -56.3 | -18.8 |
| 38TH | 452.50 | -21.1 | 11.8 | 3247 | 1952 | -6.5 | 6.1 | -17 | -30 | -407.4 | 252.6 | -32.7 | -51.1 | -17.9 |
| 39TH | 465.00 | -21.5 | 12.1 | 3247 | 1952 | -6.6 | 6.2 | -17 | -30 | -386.3 | 240.8 | -29.6 | -46.1 | -17.1 |
| 40TH | 477.50 | -21.8 | 12.4 | 3247 | 1952 | -6.7 | 6.4 | -17 | -29 | -364.8 | 228.7 | -26.7 | -41.4 | -16.3 |
| MECH | 490.00 | -38.3 | 22.1 | 5715 | 3436 | -6.7 | 6.4 | -17 | -29 | -343.0 | 216.2 | -23.9 | -37.0 | -15.4 |
| 43RD | 512.00 | -21.1 | 12.4 | 3247 | 1952 | -6.5 | 6.4 | -18 | -31 | -304.8 | 194.1 | -19.4 | -29.9 | -13.9 |
| 44TH | 524.50 | -20.7 | 12.3 | 3247 | 1952 | -6.4 | 6.3 | -19 | -32 | -283.7 | 181.7 | -17.0 | -26.2 | -13.1 |
| 45TH | 537.00 | -20.2 | 12.2 | 3247 | 1952 | -6.2 | 6.3 | -20 | -32 | -263.0 | 169.4 | -14.8 | -22.8 | -12.2 |
| 46TH | 549.50 | -19.7 | 12.1 | 3247 | 1952 | -6.1 | 6.2 | -20 | -33 | -242.8 | 157.2 | -12.8 | -19.6 | -11.3 |
| 47TH | 562.00 | -19.3 | 12.0 | 3247 | 1952 | -5.9 | 6.1 | -21 | -34 | -223.1 | 145.1 | -10.9 | -16.7 | -10.4 |
| 48TH | 574.50 | -18.8 | 11.9 | 3247 | 1952 | -5.8 | 6.1 | -22 | -35 | -203.8 | 133.1 | -9.2 | -14.1 | -9.5 |
| 49TH | 587.00 | -18.7 | 11.9 | 3247 | 1952 | -5.8 | 6.1 | -22 | -35 | -184.9 | 121.2 | -7.6 | -11.6 | -8.5 |
| 50TH | 599.50 | -18.6 | 12.0 | 3247 | 1952 | -5.7 | 6.2 | -22 | -35 | -166.2 | 109.3 | -6.1 | -9.4 | -7.6 |
| 51ST | 612.00 | -18.5 | 12.1 | 3247 | 1952 | -5.7 | 6.2 | -22 | -34 | -147.6 | 97.3 | -4.8 | -7.5 | -6.7 |
| 52ND | 624.50 | -18.5 | 12.2 | 3247 | 1952 | -5.7 | 6.2 | -22 | -34 | -129.1 | 85.2 | -3.7 | -5.7 | -5.8 |
| 53RD | 637.00 | -18.4 | 12.3 | 3247 | 1952 | -5.7 | 6.3 | -22 | -33 | -110.6 | 73.0 | -2.7 | -4.2 | -4.9 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-------------------------|------|--------------|------|-----------------------------|-----|--------------|-----|------------------|------|-----------------------|------|------|
| WIND DIRECTION 100 | | RELIANCE CENTER, DENVER | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | | | |
| | | CONFIGURATION A | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | | | | | | | | | -92.2 | 60.8 | -1.9 | -3.0 | -4.0 |
| 55TH | 662.00 | -18.3 | 12.3 | 3247 | 1952 | -5.6 | 6.3 | -22 | -32 | -73.9 | 48.4 | -1.2 | -1.9 | -3.2 |
| 56TH | 674.50 | -18.2 | 12.4 | 3247 | 1952 | -5.6 | 6.4 | -22 | -32 | -55.6 | 36.0 | -.7 | -1.1 | -2.3 |
| 57TH | 687.00 | -16.6 | 13.2 | 3247 | 2067 | -5.1 | 6.4 | -23 | -29 | -39.0 | 22.8 | -.3 | -.5 | -1.5 |
| PARA | 699.50 | -18.2 | 11.6 | 3247 | 2039 | -5.6 | 5.7 | -19 | -30 | -20.8 | 11.2 | -.1 | -.2 | -.8 |
| TOP | 714.67 | -20.8 | 11.2 | 3507 | 2157 | -5.9 | 5.2 | -15 | -28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7 SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -950.7 | 368.5 | -150.9 | -395.9 | -56.8 |
| 2ND | 18.00 | -8.0 | 9.9 | 4676 | 2811 | -1.7 | 3.5 | -17 | -13 | -942.7 | 358.5 | -144.3 | -378.8 | -56.5 |
| 3RD | 30.50 | -5.2 | 6.3 | 3247 | 1952 | -1.6 | 3.2 | -20 | -16 | -937.5 | 352.3 | -139.9 | -367.1 | -56.3 |
| 4TH | 43.00 | -5.5 | 5.8 | 3247 | 1952 | -1.7 | 3.0 | -21 | -20 | -932.0 | 346.5 | -135.5 | -355.4 | -56.1 |
| 6TH | 65.00 | -10.9 | 9.6 | 5715 | 3436 | -1.9 | 2.8 | -22 | -25 | -921.2 | 336.9 | -128.0 | -335.0 | -55.6 |
| 7TH | 77.50 | -7.5 | 5.2 | 3247 | 1952 | -2.3 | 2.7 | -20 | -29 | -913.7 | 331.7 | -123.8 | -323.6 | -55.3 |
| 8TH | 90.00 | -8.1 | 5.1 | 3247 | 1952 | -2.5 | 2.6 | -21 | -33 | -905.6 | 326.5 | -119.7 | -312.2 | -54.9 |
| 9TH | 102.50 | -8.4 | 5.0 | 3247 | 1952 | -2.6 | 2.5 | -22 | -37 | -897.1 | 321.6 | -115.7 | -300.9 | -54.5 |
| 10TH | 115.00 | -8.8 | 4.8 | 3247 | 1952 | -2.7 | 2.5 | -23 | -41 | -888.3 | 316.8 | -111.7 | -289.8 | -54.0 |
| 11TH | 127.50 | -9.2 | 4.7 | 3247 | 1952 | -2.8 | 2.4 | -23 | -45 | -879.1 | 312.1 | -107.8 | -278.7 | -53.5 |
| 12TH | 140.00 | -9.6 | 4.6 | 3247 | 1952 | -3.0 | 2.3 | -23 | -49 | -869.5 | 307.5 | -103.9 | -267.8 | -52.9 |
| 14TH | 152.50 | -10.2 | 4.5 | 3247 | 1952 | -3.1 | 2.3 | -23 | -51 | -859.3 | 303.0 | -100.1 | -257.0 | -52.3 |
| 15TH | 165.00 | -11.0 | 4.5 | 3247 | 1952 | -3.4 | 2.3 | -21 | -52 | -848.3 | 298.6 | -96.3 | -246.3 | -51.6 |
| 16TH | 177.50 | -11.8 | 4.5 | 3247 | 1952 | -3.6 | 2.3 | -20 | -53 | -836.5 | 294.1 | -92.6 | -235.8 | -50.9 |
| 17TH | 190.00 | -12.7 | 4.5 | 3247 | 1952 | -3.9 | 2.3 | -19 | -54 | -823.9 | 289.6 | -89.0 | -225.4 | -50.1 |
| 18TH | 202.50 | -13.5 | 4.5 | 3247 | 1952 | -4.2 | 2.3 | -18 | -55 | -810.4 | 285.1 | -85.4 | -215.2 | -49.3 |
| 19TH | 215.00 | -14.3 | 4.5 | 3247 | 1952 | -4.4 | 2.3 | -17 | -55 | -796.1 | 280.6 | -81.8 | -205.1 | -48.4 |
| 20TH | 227.50 | -15.1 | 4.5 | 3247 | 1952 | -4.7 | 2.3 | -17 | -56 | -780.9 | 276.1 | -78.4 | -195.3 | -47.5 |
| 21ST | 240.00 | -15.8 | 4.5 | 3247 | 1952 | -4.9 | 2.3 | -16 | -56 | -765.1 | 271.6 | -74.9 | -185.6 | -46.6 |
| 22ND | 252.50 | -16.3 | 4.5 | 3247 | 1952 | -5.0 | 2.3 | -15 | -56 | -748.8 | 267.1 | -71.6 | -176.2 | -45.6 |
| 23RD | 265.00 | -16.7 | 4.5 | 3247 | 1952 | -5.2 | 2.3 | -15 | -56 | -732.0 | 262.6 | -68.3 | -166.9 | -44.6 |
| 24TH | 277.50 | -17.2 | 4.5 | 3247 | 1952 | -5.3 | 2.3 | -15 | -56 | -714.9 | 258.1 | -65.0 | -157.9 | -43.5 |
| 25TH | 290.00 | -17.6 | 4.5 | 3247 | 1952 | -5.4 | 2.3 | -14 | -56 | -697.2 | 253.6 | -61.8 | -149.0 | -42.5 |
| 26TH | 302.50 | -18.1 | 4.5 | 3247 | 1952 | -5.6 | 2.3 | -14 | -56 | -679.1 | 249.1 | -58.7 | -140.4 | -41.4 |
| 27TH | 315.00 | -18.5 | 4.5 | 3247 | 1952 | -5.7 | 2.3 | -14 | -56 | -660.6 | 244.5 | -55.6 | -132.1 | -40.3 |
| | | -18.9 | 4.6 | 3247 | 1952 | -5.8 | 2.3 | -14 | -56 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS)
 WIND DIRECTION 110 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
 REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | | | | | | | | | -641.7 | 240.0 | -52.5 | -123.9 | -39.2 |
| 29TH | 340.00 | -19.3 | 4.7 | 3247 | 1952 | -5.9 | 2.4 | -14 | -56 | -622.4 | 235.2 | -49.6 | -116.0 | -38.0 |
| 30TH | 352.50 | -19.6 | 4.9 | 3247 | 1952 | -6.0 | 2.5 | -14 | -56 | -602.9 | 230.3 | -46.7 | -108.4 | -36.9 |
| 31ST | 365.00 | -19.9 | 5.1 | 3247 | 1952 | -6.1 | 2.6 | -14 | -55 | -583.0 | 225.3 | -43.8 | -101.0 | -35.7 |
| 32ND | 377.50 | -20.2 | 5.2 | 3247 | 1952 | -6.2 | 2.7 | -14 | -55 | -562.8 | 220.1 | -41.0 | -93.8 | -34.5 |
| 33RD | 390.00 | -20.5 | 5.4 | 3247 | 1952 | -6.3 | 2.8 | -14 | -55 | -542.3 | 214.7 | -38.3 | -86.9 | -33.3 |
| 34TH | 402.50 | -20.8 | 5.5 | 3247 | 1952 | -6.4 | 2.8 | -15 | -55 | -521.5 | 209.2 | -35.7 | -80.2 | -32.1 |
| 35TH | 415.00 | -21.2 | 5.7 | 3247 | 1952 | -6.5 | 2.9 | -15 | -54 | -500.3 | 203.4 | -33.1 | -73.9 | -30.9 |
| 36TH | 427.50 | -21.5 | 6.0 | 3247 | 1952 | -6.6 | 3.1 | -15 | -54 | -478.9 | 197.4 | -30.6 | -67.7 | -29.6 |
| 37TH | 440.00 | -21.5 | 6.3 | 3247 | 1952 | -6.6 | 3.2 | -16 | -53 | -457.4 | 191.1 | -28.2 | -61.9 | -28.4 |
| 38TH | 452.50 | -21.5 | 6.6 | 3247 | 1952 | -6.6 | 3.4 | -16 | -53 | -436.0 | 184.5 | -25.8 | -56.3 | -27.2 |
| 39TH | 465.00 | -21.5 | 6.9 | 3247 | 1952 | -6.6 | 3.5 | -17 | -53 | -414.5 | 177.5 | -23.5 | -51.0 | -25.9 |
| 40TH | 477.50 | -21.4 | 7.2 | 3247 | 1952 | -6.6 | 3.7 | -18 | -52 | -393.1 | 170.3 | -21.4 | -45.9 | -24.6 |
| MECH | 490.00 | -21.4 | 7.5 | 3247 | 1952 | -6.6 | 3.9 | -18 | -52 | -371.6 | 162.8 | -19.3 | -41.2 | -23.4 |
| 43RD | 512.00 | -37.7 | 13.8 | 5715 | 3436 | -6.6 | 4.0 | -19 | -52 | -334.0 | 149.0 | -15.9 | -33.4 | -21.2 |
| 44TH | 524.50 | -21.3 | 8.0 | 3247 | 1952 | -6.6 | 4.1 | -20 | -53 | -312.7 | 141.1 | -14.0 | -29.4 | -19.9 |
| 45TH | 537.00 | -21.3 | 8.1 | 3247 | 1952 | -6.5 | 4.1 | -20 | -53 | -291.4 | 133.0 | -12.3 | -25.6 | -18.6 |
| 46TH | 549.50 | -21.2 | 8.2 | 3247 | 1952 | -6.5 | 4.2 | -21 | -54 | -270.2 | 124.8 | -10.7 | -22.1 | -17.3 |
| 47TH | 562.00 | -21.1 | 8.3 | 3247 | 1952 | -6.5 | 4.3 | -21 | -54 | -249.1 | 116.4 | -9.2 | -18.8 | -16.0 |
| 48TH | 574.50 | -21.1 | 8.4 | 3247 | 1952 | -6.5 | 4.3 | -22 | -55 | -228.0 | 108.0 | -7.8 | -15.8 | -14.6 |
| 49TH | 587.00 | -21.0 | 8.5 | 3247 | 1952 | -6.5 | 4.4 | -22 | -55 | -207.0 | 99.5 | -6.5 | -13.1 | -13.3 |
| 50TH | 599.50 | -20.8 | 8.8 | 3247 | 1952 | -6.4 | 4.5 | -23 | -55 | -186.2 | 90.7 | -5.3 | -10.7 | -11.9 |
| 51ST | 612.00 | -20.7 | 9.0 | 3247 | 1952 | -6.4 | 4.6 | -24 | -56 | -165.5 | 81.7 | -4.2 | -8.5 | -10.6 |
| 52ND | 624.50 | -20.5 | 9.3 | 3247 | 1952 | -6.3 | 4.7 | -25 | -56 | -145.0 | 72.4 | -3.3 | -6.5 | -9.2 |
| 53RD | 637.00 | -20.3 | 9.5 | 3247 | 1952 | -6.3 | 4.9 | -26 | -57 | -124.7 | 63.0 | -2.4 | -4.8 | -7.8 |
| | | -20.2 | 9.7 | 3247 | 1952 | -6.2 | 5.0 | -28 | -57 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -20.0 | 10.0 | 3247 | 1952 | -6.2 | 5.1 | -29 | -57 | -104.5 | 53.2 | -1.7 | -3.4 | -6.4 |
| 55TH | 662.00 | -19.8 | 10.2 | 3247 | 1952 | -6.1 | 5.2 | -30 | -58 | -84.5 | 43.2 | -1.1 | -2.2 | -4.9 |
| 56TH | 674.50 | -19.8 | 11.2 | 3247 | 2067 | -6.1 | 5.4 | -27 | -48 | -64.7 | 33.0 | -0.6 | -1.3 | -3.5 |
| 57TH | 687.00 | -21.4 | 10.7 | 3247 | 2039 | -6.6 | 5.3 | -22 | -43 | -45.0 | 21.8 | -0.3 | -0.6 | -2.2 |
| PARA | 699.50 | -23.6 | 11.1 | 3507 | 2157 | -6.7 | 5.1 | -17 | -37 | -23.6 | 11.1 | -0.1 | -0.2 | -1.1 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 120

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -1769.8 | 843.3 | -351.2 | -779.9 | -125.5 |
| 2ND | 18.00 | -13.6 | 16.2 | 4676 | 2811 | -2.9 | 5.8 | -17 | -14 | -1756.2 | 827.0 | -336.1 | -748.1 | -125.0 |
| 3RD | 30.50 | -8.3 | 10.7 | 3247 | 1952 | -2.5 | 5.5 | -22 | -17 | -1748.0 | 816.4 | -325.9 | -726.2 | -124.6 |
| 4TH | 43.00 | -8.0 | 10.2 | 3247 | 1952 | -2.5 | 5.2 | -26 | -20 | -1739.9 | 806.2 | -315.7 | -704.4 | -124.2 |
| 6TH | 65.00 | -14.9 | 17.3 | 5715 | 3436 | -2.6 | 5.0 | -29 | -25 | -1725.0 | 788.8 | -298.2 | -666.3 | -123.3 |
| 7TH | 77.50 | -9.3 | 9.8 | 3247 | 1952 | -2.9 | 5.0 | -30 | -29 | -1715.7 | 779.0 | -288.4 | -644.8 | -122.8 |
| 8TH | 90.00 | -9.9 | 9.7 | 3247 | 1952 | -3.1 | 5.0 | -32 | -32 | -1705.8 | 769.3 | -278.7 | -623.4 | -122.1 |
| 9TH | 102.50 | -10.5 | 9.7 | 3247 | 1952 | -3.2 | 5.0 | -33 | -36 | -1695.3 | 759.6 | -269.2 | -602.2 | -121.4 |
| 10TH | 115.00 | -11.0 | 9.6 | 3247 | 1952 | -3.4 | 4.9 | -34 | -39 | -1684.3 | 750.0 | -259.7 | -581.0 | -120.7 |
| 11TH | 127.50 | -11.6 | 9.6 | 3247 | 1952 | -3.6 | 4.9 | -35 | -43 | -1672.7 | 740.5 | -250.4 | -560.1 | -119.8 |
| 12TH | 140.00 | -12.2 | 9.5 | 3247 | 1952 | -3.7 | 4.9 | -36 | -46 | -1660.5 | 731.0 | -241.2 | -539.2 | -118.9 |
| 14TH | 152.50 | -13.1 | 9.6 | 3247 | 1952 | -4.0 | 4.9 | -36 | -49 | -1647.4 | 721.4 | -232.1 | -518.6 | -118.0 |
| 15TH | 165.00 | -14.6 | 9.8 | 3247 | 1952 | -4.5 | 5.0 | -34 | -51 | -1632.8 | 711.6 | -223.2 | -498.1 | -116.9 |
| 16TH | 177.50 | -16.1 | 10.0 | 3247 | 1952 | -5.0 | 5.1 | -33 | -52 | -1616.6 | 701.5 | -214.3 | -477.7 | -115.7 |
| 17TH | 190.00 | -17.6 | 10.3 | 3247 | 1952 | -5.4 | 5.3 | -31 | -53 | -1599.1 | 691.3 | -205.6 | -457.6 | -114.4 |
| 18TH | 202.50 | -19.1 | 10.5 | 3247 | 1952 | -5.9 | 5.4 | -30 | -55 | -1580.0 | 680.8 | -197.1 | -437.8 | -113.1 |
| 19TH | 215.00 | -20.6 | 10.7 | 3247 | 1952 | -6.3 | 5.5 | -29 | -55 | -1559.4 | 670.0 | -188.6 | -418.2 | -111.6 |
| 20TH | 227.50 | -22.0 | 11.0 | 3247 | 1952 | -6.8 | 5.6 | -28 | -56 | -1537.4 | 659.1 | -180.3 | -398.8 | -110.1 |
| 21ST | 240.00 | -23.6 | 11.3 | 3247 | 1952 | -7.3 | 5.8 | -27 | -57 | -1513.7 | 647.8 | -172.1 | -379.7 | -108.5 |
| 22ND | 252.50 | -25.3 | 11.7 | 3247 | 1952 | -7.8 | 6.0 | -26 | -57 | -1488.4 | 636.2 | -164.1 | -361.0 | -106.7 |
| 23RD | 265.00 | -27.0 | 12.1 | 3247 | 1952 | -8.3 | 6.2 | -26 | -58 | -1461.4 | 624.0 | -156.2 | -342.5 | -104.8 |
| 24TH | 277.50 | -28.8 | 12.6 | 3247 | 1952 | -8.9 | 6.4 | -25 | -58 | -1432.6 | 611.5 | -148.5 | -324.4 | -102.8 |
| 25TH | 290.00 | -30.5 | 13.0 | 3247 | 1952 | -9.4 | 6.7 | -25 | -59 | -1402.1 | 598.5 | -141.0 | -306.7 | -100.7 |
| 26TH | 302.50 | -32.2 | 13.4 | 3247 | 1952 | -9.9 | 6.9 | -25 | -59 | -1369.9 | 585.1 | -133.6 | -289.4 | -98.5 |
| 27TH | 315.00 | -33.9 | 13.9 | 3247 | 1952 | -10.4 | 7.1 | -24 | -59 | -1336.0 | 571.2 | -126.3 | -272.5 | -96.2 |
| | | -35.4 | 14.2 | 3247 | 1952 | -10.9 | 7.3 | -24 | -60 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
 WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | | | | | | | | | -1300.6 | 557.0 | -119.3 | -256.0 | -93.7 |
| 29TH | 340.00 | -36.3 | 14.4 | 3247 | 1952 | -11.2 | 7.4 | -24 | -60 | -1264.2 | 542.6 | -112.4 | -240.0 | -91.2 |
| 30TH | 352.50 | -37.2 | 14.5 | 3247 | 1952 | -11.5 | 7.4 | -24 | -61 | -1227.0 | 528.1 | -105.7 | -224.4 | -88.6 |
| 31ST | 365.00 | -38.2 | 14.6 | 3247 | 1952 | -11.7 | 7.5 | -24 | -62 | -1188.9 | 513.5 | -99.2 | -209.3 | -85.9 |
| 32ND | 377.50 | -39.1 | 14.8 | 3247 | 1952 | -12.0 | 7.6 | -23 | -62 | -1149.8 | 498.8 | -92.9 | -194.7 | -83.1 |
| 33RD | 390.00 | -40.0 | 14.9 | 3247 | 1952 | -12.3 | 7.6 | -23 | -63 | -1109.8 | 483.9 | -86.7 | -180.6 | -80.2 |
| 34TH | 402.50 | -40.9 | 15.0 | 3247 | 1952 | -12.6 | 7.7 | -23 | -63 | -1069.0 | 468.8 | -80.8 | -167.0 | -77.3 |
| 35TH | 415.00 | -41.7 | 15.1 | 3247 | 1952 | -12.8 | 7.8 | -23 | -64 | -1027.3 | 453.7 | -75.0 | -153.9 | -74.3 |
| 36TH | 427.50 | -42.3 | 15.2 | 3247 | 1952 | -13.0 | 7.8 | -23 | -65 | -985.0 | 438.5 | -69.4 | -141.3 | -71.2 |
| 37TH | 440.00 | -42.4 | 15.3 | 3247 | 1952 | -13.1 | 7.9 | -24 | -65 | -942.6 | 423.1 | -64.1 | -129.2 | -68.1 |
| 38TH | 452.50 | -42.6 | 15.4 | 3247 | 1952 | -13.1 | 7.9 | -24 | -66 | -900.0 | 407.7 | -58.9 | -117.7 | -64.9 |
| 39TH | 465.00 | -42.7 | 15.5 | 3247 | 1952 | -13.2 | 8.0 | -24 | -67 | -857.3 | 392.1 | -53.9 | -106.7 | -61.6 |
| 40TH | 477.50 | -42.9 | 15.6 | 3247 | 1952 | -13.2 | 8.0 | -25 | -68 | -814.4 | 376.5 | -49.1 | -96.3 | -58.3 |
| MECH | 490.00 | -43.0 | 15.8 | 3247 | 1952 | -13.3 | 8.1 | -25 | -69 | -771.3 | 360.7 | -44.5 | -86.4 | -55.0 |
| 43RD | 512.00 | -76.0 | 28.2 | 5715 | 3436 | -13.3 | 8.2 | -26 | -69 | -695.3 | 332.5 | -36.8 | -70.2 | -49.0 |
| 44TH | 524.50 | -43.3 | 16.5 | 3247 | 1952 | -13.3 | 8.4 | -26 | -69 | -652.0 | 316.0 | -32.8 | -61.8 | -45.6 |
| 45TH | 537.00 | -43.4 | 16.8 | 3247 | 1952 | -13.4 | 8.6 | -27 | -69 | -608.6 | 299.2 | -28.9 | -53.9 | -42.2 |
| 46TH | 549.50 | -43.4 | 17.2 | 3247 | 1952 | -13.4 | 8.8 | -27 | -68 | -565.2 | 282.0 | -25.3 | -46.6 | -38.8 |
| 47TH | 562.00 | -43.5 | 17.5 | 3247 | 1952 | -13.4 | 9.0 | -27 | -68 | -521.7 | 264.5 | -21.9 | -39.8 | -35.3 |
| 48TH | 574.50 | -43.5 | 17.8 | 3247 | 1952 | -13.4 | 9.1 | -28 | -68 | -478.2 | 246.7 | -18.7 | -33.6 | -31.9 |
| 49TH | 587.00 | -43.6 | 18.2 | 3247 | 1952 | -13.4 | 9.3 | -28 | -68 | -434.6 | 228.6 | -15.7 | -27.9 | -28.4 |
| 50TH | 599.50 | -43.2 | 18.7 | 3247 | 1952 | -13.3 | 9.6 | -29 | -67 | -391.4 | 209.9 | -13.0 | -22.7 | -25.0 |
| 51ST | 612.00 | -42.7 | 19.2 | 3247 | 1952 | -13.2 | 9.8 | -29 | -65 | -348.6 | 190.7 | -10.5 | -18.1 | -21.6 |
| 52ND | 624.50 | -42.3 | 19.8 | 3247 | 1952 | -13.0 | 10.1 | -30 | -64 | -306.3 | 170.9 | -8.2 | -14.0 | -18.3 |
| 53RD | 637.00 | -41.8 | 20.3 | 3247 | 1952 | -12.9 | 10.4 | -31 | -63 | -264.5 | 150.6 | -6.2 | -10.4 | -15.1 |
| | | -41.3 | 20.9 | 3247 | 1952 | -12.7 | 10.7 | -31 | -62 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAM 1 | | RELIANCE CENTER, DENVER | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | | | |
|-------------------------------------|--------|-------------------------|------|--------------|------|----------------|------|-----------------------------|-----|------------------|-------|-----------------------|------|-------|
| WIND DIRECTION 120 | | CONFIGURATION A | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -40.9 | 21.4 | 3247 | 1952 | -12.6 | 11.0 | -32 | -60 | -223.2 | 129.7 | -4.5 | -7.4 | -11.9 |
| 55TH | 662.00 | -40.4 | 21.9 | 3247 | 1952 | -12.4 | 11.2 | -32 | -59 | -182.3 | 108.3 | -3.0 | -4.8 | -8.7 |
| 56TH | 674.50 | -44.6 | 25.8 | 3247 | 2067 | -13.7 | 12.5 | -24 | -42 | -141.9 | 86.4 | -1.7 | -2.8 | -5.6 |
| 57TH | 687.00 | -47.2 | 28.3 | 3247 | 2039 | -14.5 | 13.9 | -18 | -29 | -97.3 | 60.6 | -.8 | -1.3 | -3.2 |
| PARA | 699.50 | -50.1 | 32.3 | 3507 | 2157 | -14.3 | 15.0 | -12 | -18 | -50.1 | 32.3 | -.2 | -.4 | -1.3 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

RELIANCE CENTER, DENVER
CONFIGURATION A
FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|---------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -13.1 | 22.8 | 4676 | 2811 | -2.8 | 8.1 | -20 | -11 | -2379.8 | 1339.6 | -553.7 | -1130.6 | -89.4 |
| 2ND | 18.00 | -7.1 | 15.0 | 3247 | 1952 | -2.2 | 7.7 | -26 | -12 | -2366.7 | 1316.7 | -529.8 | -1087.9 | -88.8 |
| 3RD | 30.50 | -6.8 | 14.3 | 3247 | 1952 | -2.1 | 7.3 | -30 | -14 | -2359.7 | 1301.8 | -513.4 | -1058.3 | -88.3 |
| 4TH | 43.00 | -11.3 | 24.4 | 5715 | 3436 | -2.0 | 7.1 | -33 | -15 | -2352.9 | 1287.5 | -497.2 | -1028.9 | -87.8 |
| 6TH | 65.00 | -5.6 | 13.9 | 3247 | 1952 | -1.7 | 7.1 | -34 | -14 | -2341.6 | 1263.0 | -469.2 | -977.2 | -86.8 |
| 7TH | 77.50 | -4.9 | 14.0 | 3247 | 1952 | -1.5 | 7.2 | -36 | -13 | -2336.0 | 1249.1 | -453.5 | -948.0 | -86.3 |
| 8TH | 90.00 | -4.1 | 14.1 | 3247 | 1952 | -1.3 | 7.2 | -39 | -11 | -2331.1 | 1235.1 | -438.0 | -918.8 | -85.7 |
| 9TH | 102.50 | -3.3 | 14.1 | 3247 | 1952 | -1.0 | 7.2 | -41 | -10 | -2327.0 | 1221.0 | -422.6 | -889.7 | -85.1 |
| 10TH | 115.00 | -2.6 | 14.2 | 3247 | 1952 | -.8 | 7.3 | -42 | -8 | -2323.7 | 1206.9 | -407.4 | -860.7 | -84.5 |
| 11TH | 127.50 | -1.8 | 14.2 | 3247 | 1952 | -.6 | 7.3 | -44 | -6 | -2321.1 | 1192.8 | -392.4 | -831.6 | -83.9 |
| 12TH | 140.00 | -2.5 | 14.6 | 3247 | 1952 | -.8 | 7.5 | -46 | -8 | -2319.3 | 1178.5 | -377.6 | -802.6 | -83.3 |
| 14TH | 152.50 | -4.8 | 15.3 | 3247 | 1952 | -1.5 | 7.9 | -46 | -14 | -2316.8 | 1163.9 | -363.0 | -773.6 | -82.6 |
| 15TH | 165.00 | -7.2 | 16.1 | 3247 | 1952 | -2.2 | 8.2 | -45 | -20 | -2312.0 | 1148.6 | -348.5 | -744.7 | -81.8 |
| 16TH | 177.50 | -9.5 | 16.8 | 3247 | 1952 | -2.9 | 8.6 | -43 | -24 | -2304.9 | 1132.5 | -334.3 | -715.9 | -80.9 |
| 17TH | 190.00 | -11.9 | 17.6 | 3247 | 1952 | -3.7 | 9.0 | -41 | -28 | -2295.3 | 1115.7 | -320.2 | -687.1 | -80.0 |
| 18TH | 202.50 | -14.2 | 18.3 | 3247 | 1952 | -4.4 | 9.4 | -39 | -30 | -2283.5 | 1098.1 | -306.4 | -658.5 | -78.9 |
| 19TH | 215.00 | -16.6 | 19.1 | 3247 | 1952 | -5.1 | 9.8 | -37 | -32 | -2269.2 | 1079.8 | -292.8 | -630.0 | -77.8 |
| 20TH | 227.50 | -19.5 | 19.8 | 3247 | 1952 | -6.0 | 10.2 | -33 | -33 | -2252.6 | 1060.7 | -279.4 | -601.8 | -76.6 |
| 21ST | 240.00 | -23.2 | 20.6 | 3247 | 1952 | -7.2 | 10.6 | -29 | -33 | -2233.2 | 1040.8 | -266.3 | -573.7 | -75.3 |
| 22ND | 252.50 | -27.0 | 21.4 | 3247 | 1952 | -8.3 | 10.9 | -26 | -32 | -2209.9 | 1020.2 | -253.4 | -546.0 | -73.9 |
| 23RD | 265.00 | -30.8 | 22.1 | 3247 | 1952 | -9.5 | 11.3 | -23 | -32 | -2182.9 | 998.9 | -240.8 | -518.5 | -72.5 |
| 24TH | 277.50 | -34.5 | 22.9 | 3247 | 1952 | -10.6 | 11.7 | -21 | -31 | -2152.2 | 976.7 | -228.4 | -491.4 | -71.0 |
| 25TH | 290.00 | -38.3 | 23.6 | 3247 | 1952 | -11.8 | 12.1 | -19 | -30 | -2117.7 | 953.8 | -216.3 | -464.7 | -69.5 |
| 26TH | 302.50 | -42.1 | 24.4 | 3247 | 1952 | -13.0 | 12.5 | -17 | -29 | -2079.4 | 930.2 | -204.6 | -438.5 | -67.9 |
| 27TH | 315.00 | -45.5 | 25.0 | 3247 | 1952 | -14.0 | 12.8 | -16 | -29 | -2037.3 | 905.8 | -193.1 | -412.8 | -66.2 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | EGGEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | | | | | | | | | -1991.8 | 880.8 | -181.9 | -387.6 | -64.5 |
| 29TH | 340.00 | -48.0 | 25.0 | 3247 | 1952 | -14.8 | 12.8 | -15 | -29 | -1943.8 | 855.8 | -171.1 | -363.0 | -62.7 |
| 30TH | 352.50 | -50.5 | 25.1 | 3247 | 1952 | -15.5 | 12.8 | -14 | -29 | -1893.3 | 830.7 | -160.5 | -339.0 | -60.9 |
| 31ST | 365.00 | -53.0 | 25.1 | 3247 | 1952 | -16.3 | 12.9 | -14 | -29 | -1840.4 | 805.6 | -150.3 | -315.7 | -59.0 |
| 32ND | 377.50 | -55.4 | 25.1 | 3247 | 1952 | -17.1 | 12.9 | -13 | -29 | -1784.9 | 780.5 | -140.4 | -293.0 | -57.0 |
| 33RD | 390.00 | -57.9 | 25.2 | 3247 | 1952 | -17.8 | 12.9 | -13 | -29 | -1727.0 | 755.3 | -130.8 | -271.1 | -55.0 |
| 34TH | 390.00 | -60.4 | 25.2 | 3247 | 1952 | -18.6 | 12.9 | -12 | -29 | -1666.7 | 730.1 | -121.5 | -249.9 | -53.0 |
| 34TH | 402.50 | -62.8 | 25.3 | 3247 | 1952 | -19.3 | 12.9 | -12 | -29 | -1603.9 | 704.9 | -112.5 | -229.4 | -50.8 |
| 35TH | 415.00 | -64.8 | 25.4 | 3247 | 1952 | -20.0 | 13.0 | -11 | -29 | -1539.1 | 679.5 | -103.9 | -209.8 | -48.6 |
| 36TH | 427.50 | -66.4 | 25.5 | 3247 | 1952 | -20.4 | 13.0 | -11 | -29 | -1472.7 | 654.1 | -95.6 | -190.9 | -46.4 |
| 37TH | 440.00 | -67.9 | 25.6 | 3247 | 1952 | -20.9 | 13.1 | -11 | -30 | -1404.7 | 628.5 | -87.5 | -173.0 | -44.1 |
| 38TH | 452.50 | -69.5 | 25.7 | 3247 | 1952 | -21.4 | 13.1 | -11 | -30 | -1335.2 | 602.8 | -79.8 | -155.8 | -41.7 |
| 39TH | 465.00 | -71.1 | 25.8 | 3247 | 1952 | -21.9 | 13.2 | -11 | -30 | -1264.2 | 577.1 | -72.5 | -139.6 | -39.3 |
| 40TH | 477.50 | -72.6 | 25.9 | 3247 | 1952 | -22.4 | 13.2 | -11 | -30 | -1191.5 | 551.2 | -65.4 | -124.2 | -36.8 |
| MECH | 490.00 | -130.0 | 46.1 | 5715 | 3436 | -22.7 | 13.4 | -11 | -30 | -1061.5 | 505.1 | -53.8 | -99.5 | -32.4 |
| 43RD | 512.00 | -73.9 | 26.8 | 3247 | 1952 | -22.8 | 13.8 | -11 | -30 | -987.6 | 478.2 | -47.7 | -86.7 | -29.9 |
| 44TH | 524.50 | -73.9 | 27.3 | 3247 | 1952 | -22.8 | 14.0 | -11 | -30 | -913.7 | 450.9 | -41.8 | -74.8 | -27.4 |
| 45TH | 537.00 | -74.0 | 27.8 | 3247 | 1952 | -22.8 | 14.2 | -11 | -30 | -839.7 | 423.2 | -36.4 | -63.8 | -24.8 |
| 46TH | 549.50 | -74.0 | 28.2 | 3247 | 1952 | -22.8 | 14.5 | -11 | -30 | -765.7 | 394.9 | -31.3 | -53.8 | -22.3 |
| 47TH | 562.00 | -74.1 | 28.7 | 3247 | 1952 | -22.8 | 14.7 | -11 | -30 | -691.6 | 366.3 | -26.5 | -44.7 | -19.8 |
| 48TH | 574.50 | -74.1 | 29.1 | 3247 | 1952 | -22.8 | 14.9 | -12 | -29 | -617.5 | 337.1 | -22.1 | -36.5 | -17.3 |
| 49TH | 587.00 | -72.0 | 29.9 | 3247 | 1952 | -22.2 | 15.3 | -12 | -29 | -545.5 | 307.3 | -18.1 | -29.2 | -14.8 |
| 50TH | 599.50 | -69.6 | 30.6 | 3247 | 1952 | -21.4 | 15.7 | -13 | -29 | -475.9 | 276.6 | -14.4 | -22.8 | -12.4 |
| 51ST | 612.00 | -67.2 | 31.4 | 3247 | 1952 | -20.7 | 16.1 | -13 | -28 | -408.7 | 245.2 | -11.2 | -17.3 | -10.1 |
| 52ND | 624.50 | -64.7 | 32.2 | 3247 | 1952 | -19.9 | 16.5 | -14 | -28 | -343.9 | 213.0 | -8.3 | -12.6 | -7.8 |
| 53RD | 637.00 | -62.3 | 33.0 | 3247 | 1952 | -19.2 | 16.9 | -15 | -27 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | WIND DIRECTION 130 | | CONFIGURATION A | | RELIANCE CENTER, DENVER | | FEB 23, 1982 | | REFERENCE PRESSURE 22.0 PSF | | GUST FACTOR 1.32 | | |
|--------------------------------------|--------|--------------------|------|-----------------|------|-------------------------|------|--------------|-----|-----------------------------|-------|-----------------------|------|------|
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -59.9 | 33.7 | 3247 | 1952 | -18.4 | 17.3 | -15 | -27 | -281.6 | 180.1 | -5.9 | -8.7 | -5.7 |
| 55TH | 662.00 | -57.4 | 34.5 | 3247 | 1952 | -17.7 | 17.7 | -16 | -26 | -221.7 | 146.3 | -3.8 | -5.6 | -3.5 |
| 56TH | 674.50 | -55.7 | 35.5 | 3247 | 2067 | -17.2 | 17.2 | -11 | -17 | -164.3 | 111.8 | -2.2 | -3.1 | -1.5 |
| 57TH | 687.00 | -54.1 | 36.6 | 3247 | 2039 | -16.7 | 18.0 | -4 | -6 | -108.6 | 76.3 | -1.0 | -1.4 | -.2 |
| PARA | 699.50 | -54.5 | 39.7 | 3507 | 2157 | -15.5 | 18.4 | 3 | 4 | -54.5 | 39.7 | -.3 | -.4 | .3 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

RELIANCE CENTER, DENVER
CONFIGURATION A
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|---------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -2074.2 | 1539.6 | -657.3 | -1013.5 | -21.2 |
| 2ND | 18.00 | -8.4 | 21.3 | 4676 | 2811 | -1.8 | 7.6 | -22 | -9 | -2065.7 | 1518.3 | -629.8 | -976.3 | -20.7 |
| 3RD | 30.50 | -3.9 | 14.1 | 3247 | 1952 | -1.2 | 7.2 | -27 | -7 | -2061.9 | 1504.2 | -610.9 | -950.5 | -20.3 |
| 4TH | 43.00 | -4.0 | 13.6 | 3247 | 1952 | -1.2 | 7.0 | -27 | -8 | -2057.8 | 1490.6 | -592.1 | -924.7 | -19.9 |
| 6TH | 65.00 | -5.9 | 22.7 | 5715 | 3436 | -1.0 | 6.6 | -31 | -8 | -2051.9 | 1467.9 | -559.6 | -879.5 | -19.1 |
| 7TH | 77.50 | -2.9 | 12.9 | 3247 | 1952 | -.9 | 6.6 | -28 | -6 | -2048.9 | 1455.0 | -541.3 | -853.9 | -18.7 |
| 8TH | 90.00 | -2.6 | 13.0 | 3247 | 1952 | -.8 | 6.6 | -25 | -5 | -2046.3 | 1442.1 | -523.2 | -828.3 | -18.4 |
| 9TH | 102.50 | -2.3 | 13.0 | 3247 | 1952 | -.7 | 6.6 | -23 | -4 | -2044.0 | 1429.1 | -505.3 | -802.7 | -18.1 |
| 10TH | 115.00 | -2.1 | 13.0 | 3247 | 1952 | -.6 | 6.7 | -20 | -3 | -2041.9 | 1416.1 | -487.5 | -777.2 | -17.8 |
| 11TH | 127.50 | -1.8 | 13.0 | 3247 | 1952 | -.5 | 6.7 | -17 | -2 | -2041.9 | 1403.0 | -469.9 | -751.7 | -17.6 |
| 12TH | 140.00 | -1.5 | 13.1 | 3247 | 1952 | -.5 | 6.7 | -15 | -2 | -2040.1 | 1390.0 | -452.4 | -726.2 | -17.4 |
| 14TH | 152.50 | -2.1 | 13.5 | 3247 | 1952 | -.6 | 6.9 | -13 | -2 | -2038.7 | 1390.0 | -452.4 | -726.2 | -17.4 |
| 15TH | 165.00 | -3.7 | 14.3 | 3247 | 1952 | -1.1 | 7.3 | -14 | -4 | -2036.6 | 1376.5 | -435.1 | -700.7 | -17.2 |
| 16TH | 177.50 | -5.4 | 15.1 | 3247 | 1952 | -1.7 | 7.8 | -14 | -5 | -2032.9 | 1362.2 | -418.0 | -675.3 | -17.0 |
| 17TH | 190.00 | -7.1 | 16.0 | 3247 | 1952 | -2.2 | 8.2 | -14 | -6 | -2027.5 | 1347.1 | -401.1 | -649.9 | -16.8 |
| 18TH | 202.50 | -8.8 | 16.8 | 3247 | 1952 | -2.7 | 8.6 | -13 | -7 | -2020.4 | 1331.1 | -384.3 | -624.6 | -16.5 |
| 19TH | 215.00 | -10.4 | 17.7 | 3247 | 1952 | -3.2 | 9.1 | -13 | -8 | -2011.7 | 1314.2 | -367.8 | -599.4 | -16.2 |
| 20TH | 227.50 | -12.1 | 18.5 | 3247 | 1952 | -3.7 | 9.5 | -13 | -8 | -2001.2 | 1296.6 | -351.5 | -574.3 | -15.9 |
| 21ST | 240.00 | -14.1 | 19.5 | 3247 | 1952 | -4.4 | 10.0 | -12 | -9 | -1989.1 | 1278.1 | -335.4 | -549.4 | -15.6 |
| 22ND | 252.50 | -16.8 | 20.8 | 3247 | 1952 | -5.2 | 10.6 | -11 | -9 | -1975.0 | 1258.6 | -319.5 | -524.6 | -15.2 |
| 23RD | 265.00 | -19.4 | 22.1 | 3247 | 1952 | -6.0 | 11.3 | -11 | -9 | -1958.2 | 1237.8 | -303.9 | -500.0 | -14.8 |
| 24TH | 277.50 | -19.4 | 22.1 | 3247 | 1952 | -6.0 | 11.3 | -11 | -9 | -1938.8 | 1215.7 | -288.6 | -475.7 | -14.4 |
| 25TH | 290.00 | -22.1 | 23.3 | 3247 | 1952 | -6.8 | 12.0 | -10 | -10 | -1916.7 | 1192.4 | -273.6 | -451.6 | -13.9 |
| 26TH | 302.50 | -24.8 | 24.6 | 3247 | 1952 | -7.6 | 12.6 | -10 | -10 | -1891.9 | 1167.8 | -258.8 | -427.8 | -13.5 |
| 27TH | 315.00 | -27.4 | 25.9 | 3247 | 1952 | -8.4 | 13.3 | -9 | -10 | -1864.5 | 1141.9 | -244.4 | -404.3 | -13.0 |
| | | -32.8 | 28.3 | 3247 | 1952 | -10.1 | 14.5 | -8 | -10 | -1834.4 | 1114.7 | -230.3 | -381.2 | -12.5 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|--------|-------|--|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z | |
| 28TH | 327.50 | | | | | | | | | | | | | | |
| 29TH | 340.00 | -35.5 | 29.1 | 3247 | 1952 | -10.9 | 14.9 | -8 | -10 | -1801.7 | 1086.4 | -216.5 | -358.5 | -11.9 | |
| 30TH | 352.50 | -38.3 | 29.9 | 3247 | 1952 | -11.8 | 15.3 | -7 | -10 | -1766.1 | 1057.3 | -203.1 | -336.2 | -11.3 | |
| 31ST | 365.00 | -41.1 | 30.7 | 3247 | 1952 | -12.7 | 15.7 | -7 | -10 | -1727.8 | 1027.4 | -190.1 | -314.3 | -10.7 | |
| 32ND | 377.50 | -43.9 | 31.5 | 3247 | 1952 | -13.5 | 16.1 | -7 | -10 | -1686.6 | 996.7 | -177.4 | -293.0 | -10.1 | |
| 33RD | 390.00 | -46.7 | 32.2 | 3247 | 1952 | -14.4 | 16.5 | -7 | -9 | -1642.7 | 965.3 | -165.2 | -272.2 | -9.5 | |
| 34TH | 402.50 | -49.5 | 33.0 | 3247 | 1952 | -15.3 | 16.9 | -6 | -9 | -1595.9 | 933.0 | -153.3 | -251.9 | -8.9 | |
| 35TH | 415.00 | -52.5 | 33.6 | 3247 | 1952 | -16.2 | 17.2 | -6 | -9 | -1546.4 | 900.0 | -141.9 | -232.3 | -8.2 | |
| 36TH | 427.50 | -55.5 | 33.9 | 3247 | 1952 | -17.1 | 17.4 | -5 | -9 | -1493.9 | 866.4 | -130.8 | -213.3 | -7.5 | |
| 37TH | 440.00 | -58.2 | 34.2 | 3247 | 1952 | -17.9 | 17.5 | -5 | -8 | -1438.4 | 832.5 | -120.2 | -195.0 | -6.8 | |
| 38TH | 452.50 | -60.8 | 34.4 | 3247 | 1952 | -18.7 | 17.6 | -4 | -8 | -1380.2 | 798.3 | -110.0 | -177.4 | -6.2 | |
| 39TH | 465.00 | -63.5 | 34.7 | 3247 | 1952 | -19.5 | 17.8 | -4 | -7 | -1319.4 | 763.9 | -100.2 | -160.5 | -5.6 | |
| 40TH | 477.50 | -66.1 | 35.0 | 3247 | 1952 | -20.4 | 17.9 | -3 | -7 | -1255.9 | 729.2 | -90.9 | -144.4 | -5.0 | |
| MECH | 490.00 | -68.7 | 35.2 | 3247 | 1952 | -21.2 | 18.0 | -3 | -6 | -1189.8 | 694.2 | -82.0 | -129.1 | -4.4 | |
| 43RD | 512.00 | -124.6 | 62.7 | 5715 | 3436 | -21.8 | 18.2 | -3 | -6 | -1121.1 | 659.0 | -73.6 | -114.7 | -3.9 | |
| 44TH | 524.50 | -71.0 | 36.1 | 3247 | 1952 | -21.9 | 18.5 | -3 | -5 | -996.5 | 596.3 | -59.7 | -91.4 | -3.1 | |
| 45TH | 537.00 | -71.1 | 36.4 | 3247 | 1952 | -21.9 | 18.6 | -3 | -5 | -925.5 | 560.2 | -52.5 | -79.3 | -2.6 | |
| 46TH | 549.50 | -71.2 | 36.7 | 3247 | 1952 | -21.9 | 18.8 | -2 | -5 | -854.4 | 523.9 | -45.7 | -68.2 | -2.1 | |
| 47TH | 562.00 | -71.3 | 37.0 | 3247 | 1952 | -21.9 | 18.8 | -2 | -5 | -783.2 | 487.2 | -39.4 | -58.0 | -1.7 | |
| 48TH | 574.50 | -71.3 | 37.0 | 3247 | 1952 | -22.0 | 19.0 | -2 | -5 | -711.9 | 450.1 | -33.6 | -48.6 | -1.3 | |
| 49TH | 587.00 | -71.4 | 37.3 | 3247 | 1952 | -22.0 | 19.1 | -2 | -4 | -640.4 | 412.8 | -28.2 | -40.2 | -.9 | |
| 50TH | 599.50 | -71.5 | 37.7 | 3247 | 1952 | -22.0 | 19.3 | -2 | -4 | -568.9 | 375.1 | -23.2 | -32.6 | -.5 | |
| 51ST | 612.00 | -69.3 | 37.8 | 3247 | 1952 | -21.3 | 19.4 | -2 | -4 | -499.6 | 337.3 | -18.8 | -26.0 | -.2 | |
| 52ND | 624.50 | -66.7 | 37.9 | 3247 | 1952 | -20.5 | 19.4 | -2 | -4 | -432.9 | 299.4 | -14.8 | -20.1 | .2 | |
| 53RD | 637.00 | -64.1 | 38.0 | 3247 | 1952 | -19.7 | 19.5 | -2 | -4 | -368.8 | 261.4 | -11.3 | -15.1 | .5 | |
| | | -61.4 | 38.1 | 3247 | 1952 | -18.9 | 19.5 | -3 | -4 | -307.4 | 223.2 | -8.3 | -10.9 | .9 | |
| | | -58.8 | 38.3 | 3247 | 1952 | -18.1 | 19.6 | -3 | -4 | | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-------------------------|------|--------------|------|----------------|------|------------|----|-----------------------------|-------|-----------------------|------|-----|
| | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
| WIND DIRECTION 140 | | CONFIGURATION A | | | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -56.2 | 38.4 | 3247 | 1952 | -17.3 | 19.7 | -3 | -4 | -248.6 | 185.0 | -5.7 | -7.4 | 1.2 |
| 55TH | 662.00 | -53.5 | 38.5 | 3247 | 1952 | -16.5 | 19.7 | -3 | -4 | -192.5 | 146.6 | -3.7 | -4.7 | 1.5 |
| 56TH | 674.50 | -49.8 | 36.9 | 3247 | 2067 | -15.3 | 17.9 | 1 | 2 | -139.0 | 108.1 | -2.1 | -2.6 | 1.9 |
| 57TH | 687.00 | -45.3 | 35.4 | 3247 | 2039 | -13.9 | 17.4 | 6 | 8 | -89.2 | 71.2 | -1.9 | -1.2 | 1.7 |
| PARA | 699.50 | -43.9 | 35.8 | 3507 | 2157 | -12.5 | 16.6 | 13 | 16 | -43.9 | 35.8 | -1.3 | -1.3 | 1.1 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -1.9 | 18.7 | 4676 | 2811 | -1.4 | 6.7 | -6 | -1 | -1146.4 | 1573.1 | -671.9 | -578.5 | 52.2 |
| 2ND | 18.00 | .4 | 12.3 | 3247 | 1952 | .1 | 6.3 | -9 | 0 | -1144.5 | 1554.4 | -643.8 | -557.9 | 52.3 |
| 3RD | 30.50 | -1.2 | 11.7 | 3247 | 1952 | -1.4 | 6.0 | -6 | -1 | -1144.9 | 1542.2 | -624.4 | -543.6 | 52.4 |
| 4TH | 43.00 | 2.8 | 20.0 | 5715 | 3436 | .5 | 5.8 | -0 | 0 | -1143.7 | 1530.5 | -605.2 | -529.3 | 52.4 |
| 6TH | 65.00 | 2.9 | 11.7 | 3247 | 1952 | .9 | 6.0 | 10 | -3 | -1146.5 | 1510.5 | -571.8 | -504.1 | 52.5 |
| 7TH | 77.50 | 2.9 | 11.9 | 3247 | 1952 | .9 | 6.1 | 19 | -5 | -1149.4 | 1498.8 | -553.0 | -489.7 | 52.3 |
| 8TH | 90.00 | 2.8 | 12.1 | 3247 | 1952 | .9 | 6.2 | 27 | -6 | -1152.3 | 1486.9 | -534.3 | -475.3 | 52.1 |
| 9TH | 102.50 | 2.8 | 12.3 | 3247 | 1952 | .8 | 6.3 | 35 | -8 | -1155.2 | 1474.8 | -515.8 | -460.9 | 51.7 |
| 10TH | 115.00 | 2.7 | 12.5 | 3247 | 1952 | .8 | 6.3 | 43 | -9 | -1157.9 | 1462.5 | -497.4 | -446.4 | 51.3 |
| 11TH | 127.50 | 2.6 | 12.8 | 3247 | 1952 | .8 | 6.4 | 51 | -10 | -1160.6 | 1450.0 | -479.2 | -432.0 | 50.7 |
| 12TH | 140.00 | 2.0 | 13.4 | 3247 | 1952 | .6 | 6.9 | 55 | -8 | -1163.2 | 1437.2 | -461.2 | -417.4 | 50.1 |
| 14TH | 152.50 | .9 | 14.5 | 3247 | 1952 | .3 | 7.4 | 54 | -3 | -1165.2 | 1423.8 | -443.3 | -402.9 | 49.3 |
| 15TH | 165.00 | -1.3 | 15.7 | 3247 | 1952 | -1.1 | 8.0 | 53 | 1 | -1166.1 | 1409.3 | -425.6 | -388.3 | 48.5 |
| 16TH | 177.50 | -1.4 | 16.8 | 3247 | 1952 | -1.4 | 8.6 | 52 | 4 | -1165.8 | 1393.6 | -408.1 | -373.7 | 47.7 |
| 17TH | 190.00 | -2.6 | 18.0 | 3247 | 1952 | -1.8 | 9.2 | 50 | 7 | -1164.4 | 1376.8 | -390.8 | -359.2 | 46.8 |
| 18TH | 202.50 | -3.7 | 19.1 | 3247 | 1952 | -1.2 | 9.8 | 48 | 9 | -1161.8 | 1358.8 | -373.7 | -344.6 | 45.9 |
| 19TH | 215.00 | -4.9 | 20.3 | 3247 | 1952 | -1.5 | 10.4 | 47 | 11 | -1158.0 | 1339.6 | -356.8 | -330.1 | 44.9 |
| 20TH | 227.50 | -6.3 | 21.4 | 3247 | 1952 | -1.9 | 11.0 | 44 | 13 | -1153.1 | 1319.4 | -340.2 | -315.7 | 43.9 |
| 21ST | 240.00 | -8.0 | 22.5 | 3247 | 1952 | -2.5 | 11.5 | 40 | 14 | -1146.9 | 1297.9 | -323.8 | -301.3 | 42.9 |
| 22ND | 252.50 | -9.8 | 23.7 | 3247 | 1952 | -3.0 | 12.1 | 37 | 15 | -1138.9 | 1275.4 | -307.7 | -287.0 | 41.9 |
| 23RD | 265.00 | -11.5 | 24.8 | 3247 | 1952 | -3.6 | 12.7 | 34 | 16 | -1129.1 | 1251.7 | -292.0 | -272.9 | 40.8 |
| 24TH | 277.50 | -13.3 | 25.9 | 3247 | 1952 | -4.1 | 13.3 | 31 | 16 | -1117.6 | 1226.9 | -276.5 | -258.8 | 39.8 |
| 25TH | 290.00 | -15.0 | 27.0 | 3247 | 1952 | -4.6 | 13.9 | 29 | 16 | -1104.3 | 1201.0 | -261.3 | -244.9 | 38.8 |
| 26TH | 302.50 | -16.8 | 28.2 | 3247 | 1952 | -5.2 | 14.4 | 26 | 16 | -1089.3 | 1174.0 | -246.4 | -231.2 | 37.8 |
| 27TH | 315.00 | -18.6 | 29.3 | 3247 | 1952 | -5.7 | 15.0 | 25 | 16 | -1072.4 | 1145.8 | -231.9 | -217.7 | 36.8 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -20.4 | 30.3 | 3247 | 1952 | -6.3 | 15.5 | 23 | 15 | -1053.9 | 1116.5 | -217.8 | -204.4 | 35.8 |
| 29TH | 340.00 | -22.2 | 31.3 | 3247 | 1952 | -6.9 | 16.0 | 21 | 15 | -1033.4 | 1086.2 | -204.0 | -191.4 | 34.8 |
| 30TH | 352.50 | -24.1 | 32.3 | 3247 | 1952 | -7.4 | 16.5 | 20 | 15 | -1011.2 | 1055.0 | -190.7 | -178.6 | 33.8 |
| 31ST | 365.00 | -25.9 | 33.3 | 3247 | 1952 | -8.0 | 17.1 | 19 | 15 | -987.1 | 1022.7 | -177.7 | -166.1 | 32.7 |
| 32ND | 377.50 | -27.7 | 34.3 | 3247 | 1952 | -8.5 | 17.6 | 18 | 14 | -961.2 | 989.4 | -165.1 | -153.9 | 31.7 |
| 33RD | 390.00 | -29.6 | 35.3 | 3247 | 1952 | -9.1 | 18.1 | 17 | 14 | -933.5 | 955.0 | -152.9 | -142.1 | 30.7 |
| 34TH | 402.50 | -31.6 | 36.1 | 3247 | 1952 | -9.7 | 18.5 | 16 | 14 | -903.9 | 919.7 | -141.2 | -130.6 | 29.7 |
| 35TH | 415.00 | -33.7 | 36.3 | 3247 | 1952 | -10.4 | 18.6 | 16 | 14 | -872.3 | 883.6 | -130.0 | -119.5 | 28.7 |
| 36TH | 427.50 | -35.5 | 36.6 | 3247 | 1952 | -10.9 | 18.7 | 15 | 15 | -838.6 | 847.3 | -119.1 | -108.8 | 27.7 |
| 37TH | 440.00 | -37.3 | 36.8 | 3247 | 1952 | -11.5 | 18.9 | 15 | 15 | -803.1 | 810.7 | -108.8 | -98.5 | 26.6 |
| 38TH | 452.50 | -39.0 | 37.1 | 3247 | 1952 | -12.0 | 19.0 | 14 | 15 | -765.8 | 773.8 | -98.9 | -88.7 | 25.5 |
| 39TH | 465.00 | -40.8 | 37.3 | 3247 | 1952 | -12.6 | 19.1 | 14 | 15 | -726.7 | 736.7 | -89.4 | -79.4 | 24.4 |
| 40TH | 477.50 | -42.6 | 37.6 | 3247 | 1952 | -13.1 | 19.2 | 14 | 15 | -685.9 | 699.4 | -80.5 | -70.6 | 23.2 |
| MECH | 490.00 | -77.2 | 66.6 | 5715 | 3436 | -13.5 | 19.4 | 13 | 15 | -643.3 | 661.8 | -71.9 | -62.3 | 22.1 |
| 43RD | 512.00 | -43.8 | 38.0 | 3247 | 1952 | -13.5 | 19.5 | 13 | 16 | -566.1 | 595.2 | -58.1 | -49.0 | 20.0 |
| 44TH | 524.50 | -43.7 | 38.1 | 3247 | 1952 | -13.5 | 19.5 | 14 | 16 | -522.3 | 557.2 | -50.9 | -42.2 | 18.8 |
| 45TH | 537.00 | -43.6 | 38.3 | 3247 | 1952 | -13.4 | 19.6 | 14 | 16 | -478.6 | 519.1 | -44.2 | -35.9 | 17.6 |
| 46TH | 549.50 | -43.5 | 38.4 | 3247 | 1952 | -13.4 | 19.7 | 14 | 16 | -435.0 | 480.8 | -37.9 | -30.2 | 16.4 |
| 47TH | 562.00 | -43.5 | 38.5 | 3247 | 1952 | -13.4 | 19.7 | 14 | 16 | -391.4 | 442.5 | -32.2 | -25.0 | 15.2 |
| 48TH | 574.50 | -43.4 | 38.6 | 3247 | 1952 | -13.4 | 19.8 | 14 | 16 | -348.0 | 403.9 | -26.9 | -20.4 | 13.9 |
| 49TH | 587.00 | -41.5 | 38.5 | 3247 | 1952 | -12.8 | 19.7 | 15 | 16 | -304.6 | 365.3 | -22.1 | -16.3 | 12.7 |
| 50TH | 599.50 | -39.2 | 38.4 | 3247 | 1952 | -12.1 | 19.7 | 16 | 16 | -263.1 | 326.8 | -17.7 | -12.8 | 11.5 |
| 51ST | 612.00 | -37.0 | 38.3 | 3247 | 1952 | -11.4 | 19.6 | 17 | 16 | -223.9 | 288.3 | -13.9 | -9.7 | 10.3 |
| 52ND | 624.50 | -34.7 | 38.2 | 3247 | 1952 | -10.7 | 19.6 | 17 | 16 | -186.9 | 250.0 | -10.5 | -7.2 | 9.0 |
| 53RD | 637.00 | -32.5 | 38.0 | 3247 | 1952 | -10.0 | 19.5 | 18 | 16 | -152.2 | 211.9 | -7.6 | -5.1 | 7.8 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 150

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -30.2 | 37.9 | 3247 | 1952 | -9.3 | 19.4 | 20 | 16 | -119.8 | 173.8 | -5.2 | -3.4 | 6.6 |
| 55TH | 662.00 | -27.9 | 37.8 | 3247 | 1952 | -8.6 | 19.4 | 21 | 15 | -89.6 | 135.9 | -3.3 | -2.1 | 5.4 |
| 56TH | 674.50 | -24.0 | 34.6 | 3247 | 2067 | -7.4 | 16.7 | 25 | 17 | -61.6 | 98.1 | -1.8 | -1.1 | 4.2 |
| 57TH | 687.00 | -19.5 | 32.1 | 3247 | 2039 | -6.0 | 15.8 | 31 | 19 | -37.7 | 63.5 | -.8 | -.5 | 2.9 |
| PARA | 699.50 | -18.1 | 31.3 | 3507 | 2157 | -5.2 | 14.5 | 37 | 21 | -18.1 | 31.3 | -.2 | -.1 | 1.5 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -91.8 | 1603.9 | -629.6 | -75.0 | 96.5 |
| 2ND | 18.00 | 13.1 | 29.5 | 4676 | 2811 | 2.8 | 10.5 | -7 | 3 | -104.9 | 1574.4 | -601.0 | -73.3 | 96.8 |
| 3RD | 30.50 | 9.8 | 19.3 | 3247 | 1952 | 3.0 | 9.9 | -10 | 5 | -114.7 | 1555.1 | -581.4 | -71.9 | 97.0 |
| 4TH | 43.00 | 6.8 | 18.4 | 3247 | 1952 | 2.1 | 9.4 | -5 | 2 | -121.5 | 1536.7 | -562.1 | -70.4 | 97.1 |
| 6TH | 65.00 | 19.7 | 31.1 | 5715 | 3436 | 3.4 | 9.0 | -1 | 1 | -141.1 | 1505.6 | -528.6 | -67.5 | 97.1 |
| 7TH | 77.50 | 11.8 | 18.2 | 3247 | 1952 | 3.6 | 9.3 | 8 | -5 | -152.9 | 1487.4 | -509.9 | -65.7 | 96.9 |
| 8TH | 90.00 | 10.9 | 18.6 | 3247 | 1952 | 3.4 | 9.5 | 16 | -9 | -163.8 | 1468.9 | -491.4 | -63.7 | 96.5 |
| 9TH | 102.50 | 9.9 | 18.9 | 3247 | 1952 | 3.1 | 9.7 | 25 | -13 | -173.7 | 1449.9 | -473.2 | -61.6 | 95.9 |
| 10TH | 115.00 | 9.0 | 19.3 | 3247 | 1952 | 2.8 | 9.9 | 34 | -16 | -182.7 | 1430.6 | -455.2 | -59.4 | 95.2 |
| 11TH | 127.50 | 8.0 | 19.7 | 3247 | 1952 | 2.5 | 10.1 | 43 | -17 | -190.8 | 1410.9 | -437.4 | -57.0 | 94.2 |
| 12TH | 140.00 | 7.1 | 20.1 | 3247 | 1952 | 2.2 | 10.3 | 52 | -18 | -197.8 | 1390.9 | -419.9 | -54.6 | 93.0 |
| 14TH | 152.50 | 5.9 | 20.7 | 3247 | 1952 | 1.8 | 10.6 | 59 | -17 | -203.8 | 1370.2 | -402.7 | -52.1 | 91.7 |
| 15TH | 165.00 | 4.6 | 21.5 | 3247 | 1952 | 1.4 | 11.0 | 62 | -13 | -208.4 | 1348.7 | -385.7 | -49.5 | 90.3 |
| 16TH | 177.50 | 3.3 | 22.3 | 3247 | 1952 | 1.0 | 11.4 | 64 | -9 | -211.7 | 1326.4 | -368.9 | -46.9 | 88.8 |
| 17TH | 190.00 | 1.9 | 23.2 | 3247 | 1952 | .6 | 11.9 | 66 | -5 | -213.6 | 1303.2 | -352.5 | -44.2 | 87.3 |
| 18TH | 202.50 | .6 | 24.0 | 3247 | 1952 | .2 | 12.3 | 67 | -2 | -214.2 | 1279.2 | -336.4 | -41.6 | 85.7 |
| 19TH | 215.00 | -.8 | 24.8 | 3247 | 1952 | -.2 | 12.7 | 68 | 2 | -213.4 | 1254.4 | -320.5 | -38.9 | 84.0 |
| 20TH | 227.50 | -2.1 | 25.7 | 3247 | 1952 | -.6 | 13.1 | 68 | 6 | -211.3 | 1228.7 | -305.0 | -36.2 | 82.2 |
| 21ST | 240.00 | -3.2 | 26.4 | 3247 | 1952 | -1.0 | 13.5 | 68 | 8 | -208.1 | 1202.3 | -289.8 | -33.6 | 80.4 |
| 22ND | 252.50 | -4.0 | 27.0 | 3247 | 1952 | -1.2 | 13.8 | 66 | 10 | -204.0 | 1175.3 | -275.0 | -31.0 | 78.6 |
| 23RD | 265.00 | -4.8 | 27.5 | 3247 | 1952 | -1.5 | 14.1 | 65 | 11 | -199.2 | 1147.8 | -260.4 | -28.5 | 76.8 |
| 24TH | 277.50 | -5.6 | 28.1 | 3247 | 1952 | -1.7 | 14.4 | 64 | 13 | -193.6 | 1119.7 | -246.3 | -26.1 | 74.9 |
| 25TH | 290.00 | -6.4 | 28.7 | 3247 | 1952 | -2.0 | 14.7 | 63 | 14 | -187.3 | 1091.0 | -232.4 | -23.7 | 73.0 |
| 26TH | 302.50 | -7.2 | 29.2 | 3247 | 1952 | -2.2 | 15.0 | 61 | 15 | -180.1 | 1061.8 | -219.0 | -21.4 | 71.1 |
| 27TH | 315.00 | -7.9 | 29.8 | 3247 | 1952 | -2.4 | 15.3 | 60 | 16 | -172.2 | 1032.0 | -205.9 | -19.2 | 69.2 |
| | | -8.6 | 30.3 | 3247 | 1952 | -2.6 | 15.5 | 59 | 17 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | | | | | | | | | | | | | |
| | | -8.6 | 30.5 | 3247 | 1952 | -2.7 | 15.6 | 60 | 17 | -163.6 | 1001.7 | -193.2 | -17.1 | 67.2 |
| 29TH | 340.00 | -8.7 | 30.8 | 3247 | 1952 | -2.7 | 15.8 | 60 | 17 | -155.0 | 971.2 | -180.9 | -15.1 | 65.3 |
| 30TH | 352.50 | -8.7 | 31.0 | 3247 | 1952 | -2.7 | 15.9 | 61 | 17 | -146.3 | 940.4 | -168.9 | -13.2 | 63.3 |
| 31ST | 365.00 | -8.8 | 31.3 | 3247 | 1952 | -2.7 | 16.0 | 61 | 17 | -137.6 | 909.4 | -157.4 | -11.4 | 61.2 |
| 32ND | 377.50 | -8.8 | 31.5 | 3247 | 1952 | -2.7 | 16.1 | 61 | 17 | -128.8 | 878.1 | -146.2 | -9.8 | 59.2 |
| 33RD | 390.00 | -8.9 | 31.8 | 3247 | 1952 | -2.7 | 16.3 | 62 | 17 | -120.0 | 846.6 | -135.4 | -8.2 | 57.1 |
| 34TH | 402.50 | -8.9 | 32.0 | 3247 | 1952 | -2.8 | 16.4 | 62 | 17 | -111.1 | 814.9 | -125.0 | -6.8 | 55.0 |
| 35TH | 415.00 | -9.0 | 32.2 | 3247 | 1952 | -2.8 | 16.5 | 62 | 17 | -102.2 | 782.9 | -115.0 | -5.4 | 52.8 |
| 36TH | 427.50 | -9.1 | 32.5 | 3247 | 1952 | -2.8 | 16.6 | 63 | 18 | -93.2 | 750.6 | -105.4 | -4.2 | 50.6 |
| 37TH | 440.00 | -9.1 | 32.7 | 3247 | 1952 | -2.8 | 16.8 | 63 | 18 | -84.1 | 718.1 | -96.3 | -3.1 | 48.5 |
| 38TH | 452.50 | -9.1 | 32.9 | 3247 | 1952 | -2.8 | 16.9 | 64 | 18 | -75.0 | 685.4 | -87.5 | -2.1 | 46.2 |
| 39TH | 465.00 | -9.2 | 33.2 | 3247 | 1952 | -2.8 | 17.0 | 64 | 18 | -65.8 | 652.5 | -79.1 | -1.2 | 44.0 |
| 40TH | 477.50 | -9.2 | 33.4 | 3247 | 1952 | -2.8 | 17.1 | 64 | 18 | -56.7 | 619.3 | -71.2 | -.5 | 41.7 |
| MECH | 490.00 | -15.7 | 59.2 | 5715 | 3436 | -2.8 | 17.2 | 65 | 17 | -47.4 | 585.9 | -63.7 | .2 | 39.4 |
| 43RD | 512.00 | -8.2 | 33.8 | 3247 | 1952 | -2.5 | 17.3 | 65 | 16 | -31.7 | 526.7 | -51.4 | 1.1 | 35.3 |
| 44TH | 524.50 | -7.7 | 33.8 | 3247 | 1952 | -2.4 | 17.3 | 65 | 15 | -23.5 | 492.9 | -45.0 | 1.4 | 33.0 |
| 45TH | 537.00 | -7.2 | 33.9 | 3247 | 1952 | -2.2 | 17.4 | 65 | 14 | -15.7 | 459.0 | -39.1 | 1.6 | 30.7 |
| 46TH | 549.50 | -6.7 | 34.0 | 3247 | 1952 | -2.1 | 17.4 | 65 | 13 | -8.5 | 425.1 | -33.6 | 1.8 | 28.4 |
| 47TH | 562.00 | -6.2 | 34.1 | 3247 | 1952 | -1.9 | 17.5 | 65 | 12 | -1.8 | 391.1 | -28.5 | 1.9 | 26.1 |
| 48TH | 574.50 | -5.7 | 34.2 | 3247 | 1952 | -1.8 | 17.5 | 65 | 11 | 4.4 | 357.0 | -23.8 | 1.8 | 23.8 |
| 49TH | 587.00 | -4.5 | 34.1 | 3247 | 1952 | -1.4 | 17.5 | 65 | 9 | 10.1 | 322.8 | -19.5 | 1.8 | 21.5 |
| 50TH | 599.50 | -3.2 | 33.9 | 3247 | 1952 | -1.0 | 17.4 | 65 | 6 | 14.6 | 288.8 | -15.7 | 1.6 | 19.3 |
| 51ST | 612.00 | -1.8 | 33.8 | 3247 | 1952 | -.6 | 17.3 | 66 | 4 | 17.8 | 254.8 | -12.3 | 1.4 | 17.1 |
| 52ND | 624.50 | -.5 | 33.7 | 3247 | 1952 | -.2 | 17.2 | 66 | 1 | 19.6 | 221.1 | -9.3 | 1.2 | 14.8 |
| 53RD | 637.00 | .8 | 33.5 | 3247 | 1952 | .3 | 17.2 | 65 | -2 | 20.1 | 187.4 | -6.8 | .9 | 12.6 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-------------------------|------|--------------|------|----------------|------|-----------------------------|-----|------------------|-------|-----------------------|-----|------|
| WIND DIRECTION 160 | | RELIANCE CENTER, DENVER | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | | | |
| | | CONFIGURATION A | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 2.2 | 33.4 | 3247 | 1952 | .7 | 17.1 | 65 | -4 | 19.3 | 153.9 | -4.7 | .7 | 10.4 |
| 55TH | 662.00 | 3.5 | 33.2 | 3247 | 1952 | 1.1 | 17.0 | 64 | -7 | 17.1 | 120.5 | -2.9 | .4 | 8.3 |
| 56TH | 674.50 | 4.9 | 30.4 | 3247 | 2067 | 1.5 | 14.7 | 67 | -11 | 13.7 | 87.3 | -1.6 | .2 | 6.1 |
| 57TH | 687.00 | 5.1 | 28.6 | 3247 | 2039 | 1.6 | 14.0 | 67 | -12 | 8.8 | 56.9 | -.7 | .1 | 4.0 |
| PARA | 699.50 | 3.7 | 28.3 | 3507 | 2157 | 1.1 | 13.1 | 70 | -9 | 3.7 | 28.3 | -.2 | .0 | 2.0 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 170

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 1199.7 | 1122.0 | -393.3 | 478.3 | 123.1 |
| 2ND | 18.00 | 19.9 | 30.2 | 4676 | 2811 | 4.2 | 10.7 | 4 | -2 | 1179.8 | 1091.8 | -373.4 | 456.8 | 122.9 |
| 3RD | 30.50 | 15.8 | 19.7 | 3247 | 1952 | 4.9 | 10.1 | 1 | -1 | 1164.0 | 1072.1 | -359.9 | 442.2 | 122.9 |
| 4TH | 43.00 | 12.7 | 18.7 | 3247 | 1952 | 3.9 | 9.6 | 11 | -8 | 1151.4 | 1053.4 | -346.6 | 427.7 | 122.6 |
| 6TH | 65.00 | 31.2 | 31.4 | 5715 | 3436 | 5.5 | 9.1 | 9 | -9 | 1120.2 | 1022.0 | -323.7 | 402.7 | 122.0 |
| 7TH | 77.50 | 18.8 | 18.3 | 3247 | 1952 | 5.8 | 9.4 | 12 | -13 | 1101.4 | 1003.6 | -311.1 | 388.8 | 121.6 |
| 8TH | 90.00 | 18.6 | 18.7 | 3247 | 1952 | 5.7 | 9.6 | 17 | -17 | 1082.8 | 985.0 | -298.6 | 375.2 | 121.0 |
| 9TH | 102.50 | 18.4 | 19.0 | 3247 | 1952 | 5.7 | 9.7 | 21 | -20 | 1064.4 | 966.0 | -286.5 | 361.8 | 120.2 |
| 10TH | 115.00 | 18.2 | 19.4 | 3247 | 1952 | 5.6 | 9.9 | 25 | -23 | 1046.3 | 946.6 | -274.5 | 348.6 | 119.3 |
| 11TH | 127.50 | 17.9 | 19.7 | 3247 | 1952 | 5.5 | 10.1 | 29 | -27 | 1028.4 | 926.9 | -262.8 | 335.6 | 118.2 |
| 12TH | 140.00 | 17.7 | 20.0 | 3247 | 1952 | 5.5 | 10.3 | 33 | -30 | 1010.7 | 906.9 | -251.3 | 322.9 | 117.0 |
| 14TH | 152.50 | 17.5 | 20.3 | 3247 | 1952 | 5.4 | 10.4 | 37 | -32 | 993.2 | 886.6 | -240.1 | 310.4 | 115.7 |
| 15TH | 165.00 | 17.3 | 20.3 | 3247 | 1952 | 5.3 | 10.4 | 40 | -34 | 975.9 | 866.2 | -229.2 | 298.0 | 114.3 |
| 16TH | 177.50 | 17.1 | 20.4 | 3247 | 1952 | 5.3 | 10.5 | 43 | -35 | 958.9 | 845.8 | -218.5 | 286.0 | 112.9 |
| 17TH | 190.00 | 16.8 | 20.5 | 3247 | 1952 | 5.2 | 10.5 | 45 | -37 | 942.0 | 825.3 | -208.0 | 274.1 | 111.3 |
| 18TH | 202.50 | 16.6 | 20.6 | 3247 | 1952 | 5.1 | 10.5 | 48 | -39 | 925.4 | 804.7 | -197.8 | 262.4 | 109.7 |
| 19TH | 215.00 | 16.4 | 20.7 | 3247 | 1952 | 5.1 | 10.6 | 51 | -40 | 909.0 | 784.0 | -187.9 | 250.9 | 108.0 |
| 20TH | 227.50 | 16.2 | 20.8 | 3247 | 1952 | 5.0 | 10.6 | 54 | -42 | 892.8 | 763.3 | -178.2 | 239.7 | 106.2 |
| 21ST | 240.00 | 16.1 | 20.8 | 3247 | 1952 | 5.0 | 10.7 | 56 | -44 | 876.7 | 742.4 | -168.8 | 228.6 | 104.3 |
| 22ND | 252.50 | 16.3 | 20.9 | 3247 | 1952 | 5.0 | 10.7 | 58 | -45 | 860.5 | 721.5 | -159.7 | 217.8 | 102.3 |
| 23RD | 265.00 | 16.4 | 21.0 | 3247 | 1952 | 5.1 | 10.8 | 59 | -46 | 844.0 | 700.5 | -150.8 | 207.1 | 100.3 |
| 24TH | 277.50 | 16.6 | 21.1 | 3247 | 1952 | 5.1 | 10.8 | 60 | -47 | 827.5 | 679.3 | -142.2 | 196.7 | 98.3 |
| 25TH | 290.00 | 16.7 | 21.2 | 3247 | 1952 | 5.2 | 10.9 | 62 | -48 | 810.7 | 658.1 | -133.8 | 186.4 | 96.2 |
| 26TH | 302.50 | 16.9 | 21.3 | 3247 | 1952 | 5.2 | 10.9 | 63 | -50 | 793.9 | 636.8 | -125.7 | 176.4 | 94.0 |
| 27TH | 315.00 | 17.0 | 21.4 | 3247 | 1952 | 5.2 | 11.0 | 64 | -51 | 776.8 | 615.4 | -117.9 | 166.6 | 91.8 |
| | | 17.3 | 21.4 | 3247 | 1952 | 5.3 | 11.0 | 65 | -52 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 170

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 17.8 | 21.3 | 3247 | 1952 | 5.5 | 10.9 | 65 | -55 | 759.5 | 593.9 | -110.3 | 157.0 | 89.5 |
| 29TH | 340.00 | 18.4 | 21.2 | 3247 | 1952 | 5.7 | 10.8 | 63 | -57 | 741.7 | 572.6 | -103.0 | 147.6 | 87.1 |
| 30TH | 352.50 | 18.9 | 21.0 | 3247 | 1952 | 5.8 | 10.8 | 65 | -59 | 723.3 | 551.5 | -96.0 | 138.4 | 84.7 |
| 31ST | 365.00 | 19.5 | 20.9 | 3247 | 1952 | 6.0 | 10.7 | 65 | -61 | 704.4 | 530.5 | -89.2 | 129.5 | 82.2 |
| 32ND | 377.50 | 20.0 | 20.7 | 3247 | 1952 | 6.2 | 10.6 | 65 | -63 | 684.9 | 509.6 | -82.7 | 120.8 | 79.6 |
| 33RD | 390.00 | 20.6 | 20.6 | 3247 | 1952 | 6.3 | 10.5 | 65 | -65 | 664.8 | 488.9 | -76.5 | 112.4 | 77.0 |
| 34TH | 402.50 | 21.1 | 20.4 | 3247 | 1952 | 6.5 | 10.5 | 65 | -67 | 644.2 | 468.3 | -70.5 | 104.2 | 74.3 |
| 35TH | 415.00 | 21.4 | 20.2 | 3247 | 1952 | 6.6 | 10.3 | 65 | -69 | 623.2 | 447.9 | -64.8 | 96.3 | 71.6 |
| 36TH | 427.50 | 22.0 | 20.0 | 3247 | 1952 | 6.8 | 10.2 | 64 | -71 | 601.8 | 427.7 | -59.3 | 88.6 | 68.8 |
| 37TH | 440.00 | 22.6 | 19.8 | 3247 | 1952 | 7.0 | 10.1 | 63 | -73 | 579.7 | 407.8 | -54.1 | 81.2 | 65.9 |
| 38TH | 452.50 | 23.2 | 19.5 | 3247 | 1952 | 7.1 | 10.0 | 62 | -74 | 557.1 | 388.0 | -49.1 | 74.1 | 63.0 |
| 39TH | 465.00 | 23.8 | 19.3 | 3247 | 1952 | 7.3 | 9.9 | 62 | -76 | 534.0 | 368.5 | -44.4 | 67.3 | 60.1 |
| 40TH | 477.50 | 24.3 | 19.1 | 3247 | 1952 | 7.5 | 9.8 | 60 | -77 | 510.2 | 349.1 | -39.9 | 60.8 | 57.1 |
| MECH | 490.00 | 44.0 | 33.4 | 5715 | 3436 | 7.7 | 9.7 | 59 | -78 | 485.9 | 330.0 | -35.7 | 54.6 | 54.1 |
| 43RD | 512.00 | 25.6 | 19.1 | 3247 | 1952 | 7.9 | 9.8 | 58 | -78 | 441.8 | 296.6 | -28.8 | 44.4 | 48.6 |
| 44TH | 524.50 | 26.0 | 19.2 | 3247 | 1952 | 8.0 | 9.8 | 57 | -77 | 416.3 | 277.5 | -25.2 | 39.0 | 45.6 |
| 45TH | 537.00 | 26.3 | 19.3 | 3247 | 1952 | 8.1 | 9.9 | 56 | -77 | 390.3 | 258.3 | -21.8 | 34.0 | 42.4 |
| 46TH | 549.50 | 26.7 | 19.4 | 3247 | 1952 | 8.2 | 9.9 | 56 | -77 | 364.0 | 239.0 | -18.7 | 29.2 | 39.3 |
| 47TH | 562.00 | 27.1 | 19.5 | 3247 | 1952 | 8.4 | 10.0 | 55 | -77 | 337.2 | 219.7 | -15.9 | 24.9 | 36.2 |
| 48TH | 574.50 | 27.5 | 19.5 | 3247 | 1952 | 8.5 | 10.0 | 54 | -76 | 310.1 | 200.2 | -13.2 | 20.8 | 33.0 |
| 49TH | 587.00 | 28.1 | 19.4 | 3247 | 1952 | 8.6 | 10.0 | 52 | -76 | 282.6 | 180.7 | -10.9 | 17.1 | 29.9 |
| 50TH | 599.50 | 28.6 | 19.3 | 3247 | 1952 | 8.8 | 9.9 | 50 | -75 | 254.6 | 161.3 | -8.7 | 13.8 | 26.7 |
| 51ST | 612.00 | 29.2 | 19.1 | 3247 | 1952 | 9.0 | 9.8 | 48 | -74 | 225.9 | 142.0 | -6.8 | 10.8 | 23.6 |
| 52ND | 624.50 | 29.8 | 19.0 | 3247 | 1952 | 9.2 | 9.7 | 47 | -73 | 196.7 | 122.9 | -5.2 | 8.1 | 20.5 |
| 53RD | 637.00 | 30.4 | 18.8 | 3247 | 1952 | 9.3 | 9.6 | 45 | -72 | 167.0 | 103.9 | -3.8 | 5.8 | 17.5 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
 WIND DIRECTION 170

RELIANCE CENTER, DENVER
 CONFIGURATION A
 FEB 23, 1982
 REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|------|-----------------------|-----|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | 136.6 | 85.1 | -2.6 | 3.9 | 14.4 |
| 55TH | 662.00 | 30.9 | 18.7 | 3247 | 1952 | 9.5 | 9.6 | 43 | -71 | 105.7 | 66.4 | -1.6 | 2.4 | 11.4 |
| 56TH | 674.50 | 31.5 | 18.5 | 3247 | 1952 | 9.7 | 9.5 | 41 | -70 | 74.2 | 47.9 | - .9 | 1.3 | 8.5 |
| 57TH | 687.00 | 29.1 | 16.4 | 3247 | 2067 | 9.0 | 7.9 | 42 | -75 | 45.1 | 31.5 | - .4 | .6 | 5.6 |
| PARA | 699.50 | 25.2 | 15.5 | 3247 | 2039 | 7.8 | 7.6 | 48 | -79 | 19.9 | 16.0 | - .1 | .2 | 2.9 |
| TOP | 714.67 | 19.9 | 16.0 | 3507 | 2157 | 5.7 | 7.4 | 70 | -87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 180
CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 1ST | 0.00 | | | | | | | | | 2331.0 | 382.1 | -71.2 | 1024.0 | 143.9 |
| 2ND | 18.00 | 34.9 | 27.8 | 4676 | 2811 | 7.5 | 9.9 | 9 | -12 | 2496.1 | 354.2 | -64.6 | 978.8 | 145.3 |
| 3RD | 30.50 | 26.9 | 17.3 | 3247 | 1952 | 8.3 | 8.9 | 6 | -10 | 2469.2 | 336.9 | -60.3 | 947.7 | 144.9 |
| 4TH | 43.00 | 24.9 | 15.7 | 3247 | 1952 | 7.7 | 8.0 | 11 | -18 | 2444.3 | 321.3 | -56.2 | 917.0 | 144.3 |
| 6TH | 65.00 | 52.8 | 24.2 | 5715 | 3436 | 9.2 | 7.1 | 8 | -17 | 2391.4 | 297.1 | -49.4 | 863.8 | 143.2 |
| 7TH | 77.50 | 31.0 | 13.5 | 3247 | 1952 | 9.5 | 6.9 | 9 | -20 | 2360.5 | 283.6 | -45.7 | 834.1 | 142.5 |
| 8TH | 90.00 | 31.3 | 13.2 | 3247 | 1952 | 9.7 | 6.8 | 10 | -23 | 2329.1 | 270.4 | -42.3 | 804.8 | 141.6 |
| 9TH | 102.50 | 31.8 | 13.0 | 3247 | 1952 | 9.8 | 6.7 | 10 | -25 | 2297.3 | 257.3 | -39.0 | 775.9 | 140.7 |
| 10TH | 115.00 | 32.2 | 12.8 | 3247 | 1952 | 9.9 | 6.6 | 11 | -28 | 2265.1 | 244.5 | -35.8 | 747.4 | 139.7 |
| 11TH | 127.50 | 32.6 | 12.6 | 3247 | 1952 | 10.0 | 6.4 | 12 | -30 | 2232.5 | 232.0 | -32.8 | 719.3 | 138.6 |
| 12TH | 140.00 | 33.1 | 12.4 | 3247 | 1952 | 10.2 | 6.3 | 12 | -32 | 2199.5 | 219.6 | -30.0 | 691.6 | 137.3 |
| 14TH | 152.50 | 33.4 | 12.2 | 3247 | 1952 | 10.3 | 6.2 | 13 | -35 | 2166.0 | 207.4 | -27.4 | 664.3 | 136.0 |
| 15TH | 165.00 | 33.7 | 12.1 | 3247 | 1952 | 10.4 | 6.2 | 13 | -38 | 2132.3 | 195.4 | -24.8 | 637.4 | 134.6 |
| 16TH | 177.50 | 34.0 | 11.9 | 3247 | 1952 | 10.5 | 6.1 | 14 | -40 | 2098.3 | 183.4 | -22.5 | 611.0 | 133.0 |
| 17TH | 190.00 | 34.3 | 11.8 | 3247 | 1952 | 10.6 | 6.1 | 15 | -43 | 2064.0 | 171.6 | -20.3 | 585.0 | 131.4 |
| 18TH | 202.50 | 34.6 | 11.7 | 3247 | 1952 | 10.7 | 6.0 | 15 | -46 | 2029.4 | 159.9 | -18.2 | 559.4 | 129.6 |
| 19TH | 215.00 | 34.9 | 11.6 | 3247 | 1952 | 10.8 | 5.9 | 16 | -48 | 1994.4 | 148.4 | -16.3 | 534.2 | 127.7 |
| 20TH | 227.50 | 35.2 | 11.4 | 3247 | 1952 | 10.8 | 5.9 | 17 | -51 | 1959.2 | 136.9 | -14.5 | 509.5 | 125.7 |
| 21ST | 240.00 | 35.7 | 11.2 | 3247 | 1952 | 11.0 | 5.8 | 17 | -53 | 1923.5 | 125.7 | -12.8 | 485.3 | 123.7 |
| 22ND | 252.50 | 36.6 | 10.9 | 3247 | 1952 | 11.3 | 5.6 | 16 | -55 | 1886.9 | 114.8 | -11.3 | 461.4 | 121.5 |
| 23RD | 265.00 | 37.4 | 10.5 | 3247 | 1952 | 11.5 | 5.4 | 16 | -56 | 1849.5 | 104.3 | -10.0 | 438.1 | 119.2 |
| 24TH | 277.50 | 38.2 | 10.1 | 3247 | 1952 | 11.8 | 5.2 | 15 | -57 | 1811.3 | 94.2 | -8.7 | 415.2 | 116.9 |
| 25TH | 290.00 | 39.1 | 9.8 | 3247 | 1952 | 12.0 | 5.0 | 15 | -59 | 1772.2 | 84.4 | -7.6 | 392.8 | 114.4 |
| 26TH | 302.50 | 39.9 | 9.4 | 3247 | 1952 | 12.3 | 4.8 | 14 | -60 | 1732.2 | 75.0 | -6.6 | 370.9 | 111.9 |
| 27TH | 315.00 | 40.8 | 9.0 | 3247 | 1952 | 12.6 | 4.6 | 13 | -61 | 1691.5 | 66.0 | -5.7 | 349.5 | 109.3 |
| | | 41.7 | 8.6 | 3247 | 1952 | 12.8 | 4.4 | 13 | -62 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECGEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | | | | | | | | | 1649.8 | 57.3 | -3.0 | 328.6 | 106.6 |
| 29TH | 340.00 | 42.8 | 8.0 | 3247 | 1952 | 13.2 | 4.1 | 12 | -62 | 1607.0 | 49.3 | -4.3 | 308.3 | 103.9 |
| 30TH | 352.50 | 43.9 | 7.4 | 3247 | 1952 | 13.5 | 3.8 | 11 | -63 | 1563.1 | 41.9 | -3.7 | 288.5 | 101.0 |
| 31ST | 365.00 | 45.0 | 6.8 | 3247 | 1952 | 13.9 | 3.5 | 10 | -64 | 1518.1 | 35.1 | -3.2 | 269.2 | 98.1 |
| 32ND | 377.50 | 46.1 | 6.2 | 3247 | 1952 | 14.2 | 3.2 | 9 | -64 | 1471.9 | 28.8 | -2.8 | 250.5 | 95.1 |
| 33RD | 390.00 | 47.2 | 5.6 | 3247 | 1952 | 14.5 | 2.9 | 8 | -64 | 1424.7 | 23.2 | -2.5 | 232.4 | 92.0 |
| 34TH | 402.50 | 48.3 | 5.0 | 3247 | 1952 | 14.9 | 2.6 | 7 | -65 | 1376.4 | 18.1 | -2.3 | 214.9 | 88.9 |
| 35TH | 415.00 | 49.4 | 4.4 | 3247 | 1952 | 15.2 | 2.3 | 6 | -65 | 1327.0 | 13.7 | -2.1 | 198.0 | 85.6 |
| 36TH | 427.50 | 50.3 | 3.7 | 3247 | 1952 | 15.5 | 1.9 | 5 | -65 | 1276.7 | 10.1 | -1.9 | 181.7 | 82.3 |
| 37TH | 440.00 | 51.3 | 2.9 | 3247 | 1952 | 15.8 | 1.5 | 4 | -66 | 1225.4 | 7.1 | -1.8 | 166.1 | 78.9 |
| 38TH | 452.50 | 52.2 | 2.2 | 3247 | 1952 | 16.1 | 1.1 | 3 | -66 | 1173.2 | 4.9 | -1.7 | 151.1 | 75.5 |
| 39TH | 465.00 | 53.1 | 1.5 | 3247 | 1952 | 16.4 | .8 | 2 | -66 | 1120.1 | 3.4 | -1.7 | 136.8 | 72.0 |
| 40TH | 477.50 | 54.1 | .7 | 3247 | 1952 | 16.7 | .4 | 1 | -66 | 1066.0 | 2.7 | -1.6 | 123.1 | 68.5 |
| MECH | 490.00 | 55.0 | .0 | 3247 | 1952 | 16.9 | .0 | 0 | -66 | 1011.0 | 2.7 | -1.6 | 110.1 | 64.8 |
| 43RD | 512.00 | 98.7 | -1.0 | 5715 | 3436 | 17.3 | -.3 | -1 | -65 | 912.4 | 3.7 | -1.5 | 89.0 | 58.4 |
| 44TH | 524.50 | 56.8 | -.7 | 3247 | 1952 | 17.5 | -.3 | -1 | -65 | 855.5 | 4.4 | -1.5 | 77.9 | 54.7 |
| 45TH | 537.00 | 57.4 | -.7 | 3247 | 1952 | 17.7 | -.4 | -1 | -64 | 798.2 | 5.1 | -1.4 | 67.6 | 51.0 |
| 46TH | 549.50 | 57.9 | -.8 | 3247 | 1952 | 17.8 | -.4 | -1 | -64 | 740.3 | 5.9 | -1.3 | 58.0 | 47.3 |
| 47TH | 562.00 | 58.5 | -.9 | 3247 | 1952 | 18.0 | -.4 | -1 | -64 | 681.8 | 6.8 | -1.3 | 49.1 | 43.6 |
| 48TH | 574.50 | 59.0 | -.9 | 3247 | 1952 | 18.2 | -.5 | -1 | -63 | 622.8 | 7.7 | -1.2 | 40.9 | 39.8 |
| 49TH | 587.00 | 59.6 | -1.0 | 3247 | 1952 | 18.3 | -.5 | -1 | -63 | 563.2 | 8.8 | -1.1 | 33.5 | 36.1 |
| 50TH | 599.50 | 59.7 | -.8 | 3247 | 1952 | 18.4 | -.4 | -1 | -63 | 503.5 | 9.6 | -1.0 | 26.9 | 32.3 |
| 51ST | 612.00 | 59.8 | -.5 | 3247 | 1952 | 18.4 | -.3 | -1 | -62 | 443.7 | 10.1 | -.8 | 20.9 | 28.6 |
| 52ND | 624.50 | 59.9 | -.3 | 3247 | 1952 | 18.4 | -.1 | -0 | -62 | 383.8 | 10.4 | -.7 | 15.8 | 24.9 |
| 53RD | 637.00 | 60.0 | -.0 | 3247 | 1952 | 18.5 | -.0 | -0 | -61 | 323.8 | 10.4 | -.6 | 11.3 | 21.2 |
| | | 60.1 | .2 | 3247 | 1952 | 18.5 | .1 | 0 | -61 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS)
WIND DIRECTION 180
CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|-----|--------------|------|-----------------------|-----|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 60.2 | .5 | 3247 | 1952 | 18.5 | .3 | 0 | -61 | 263.7 | 10.2 | - .5 | 7.7 | 17.5 |
| 55TH | 662.00 | 60.3 | .8 | 3247 | 1952 | 18.6 | .4 | 1 | -60 | 203.6 | 9.7 | - .3 | 4.7 | 13.9 |
| 56TH | 674.50 | 54.7 | 1.5 | 3247 | 2067 | 16.8 | .7 | 2 | -64 | 143.3 | 8.9 | - .2 | 2.6 | 10.2 |
| 57TH | 687.00 | 47.3 | 3.0 | 3247 | 2039 | 14.6 | 1.5 | 4 | -70 | 88.7 | 7.4 | - .1 | 1.1 | 6.7 |
| PARA | 699.50 | 41.4 | 4.4 | 3507 | 2157 | 11.8 | 2.1 | 9 | -81 | 41.4 | 4.4 | - .0 | .3 | 3.4 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

RELIANCE CENTER, DENVER
CONFIGURATION A

FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 3956.8 | -119.7 | 73.3 | 1583.2 | 125.8 |
| 2ND | 18.00 | 53.1 | 15.9 | 4676 | 2811 | 11.3 | 3.7 | 3 | -10 | 3903.8 | -135.6 | 71.0 | 1512.5 | 125.2 |
| 3RD | 30.50 | 39.4 | 8.9 | 3247 | 1952 | 12.1 | 4.6 | 2 | -8 | 3864.4 | -144.6 | 69.3 | 1463.9 | 124.9 |
| 4TH | 43.00 | 37.2 | 7.2 | 3247 | 1952 | 11.5 | 3.7 | 2 | -12 | 3827.2 | -151.7 | 67.4 | 1415.8 | 124.5 |
| 6TH | 65.00 | 70.1 | 8.0 | 5715 | 3436 | 12.3 | 2.3 | 1 | -11 | 3757.1 | -159.7 | 64.0 | 1332.4 | 123.7 |
| 7TH | 77.50 | 42.4 | 3.9 | 3247 | 1952 | 13.1 | 2.0 | 1 | -12 | 3714.7 | -163.5 | 62.0 | 1285.7 | 123.2 |
| 8TH | 90.00 | 44.2 | 3.4 | 3247 | 1952 | 13.6 | 1.7 | 1 | -14 | 3670.5 | -166.9 | 59.9 | 1239.5 | 122.5 |
| 9TH | 102.50 | 45.7 | 2.9 | 3247 | 1952 | 14.1 | 1.5 | 1 | -15 | 3624.8 | -169.9 | 57.8 | 1194.0 | 121.9 |
| 10TH | 115.00 | 47.3 | 2.4 | 3247 | 1952 | 14.6 | 1.3 | 1 | -16 | 3577.5 | -172.3 | 55.7 | 1148.9 | 121.1 |
| 11TH | 127.50 | 48.8 | 2.0 | 3247 | 1952 | 15.0 | 1.0 | 1 | -18 | 3528.6 | -174.3 | 53.5 | 1104.5 | 120.2 |
| 12TH | 140.00 | 50.4 | 1.5 | 3247 | 1952 | 15.5 | .8 | 1 | -19 | 3478.2 | -175.8 | 51.3 | 1060.7 | 119.3 |
| 14TH | 152.50 | 51.9 | 1.0 | 3247 | 1952 | 16.0 | .5 | 0 | -20 | 3426.3 | -176.8 | 49.1 | 1017.6 | 118.2 |
| 15TH | 165.00 | 53.3 | .5 | 3247 | 1952 | 16.4 | .3 | 0 | -21 | 3373.1 | -177.3 | 46.9 | 975.1 | 117.1 |
| 16TH | 177.50 | 54.7 | .1 | 3247 | 1952 | 16.8 | .0 | 0 | -23 | 3318.4 | -177.4 | 44.7 | 933.3 | 115.8 |
| 17TH | 190.00 | 56.0 | -.4 | 3247 | 1952 | 17.3 | -.2 | -0 | -24 | 3262.4 | -176.9 | 42.5 | 892.1 | 114.5 |
| 18TH | 202.50 | 57.4 | -.9 | 3247 | 1952 | 17.7 | -.5 | -0 | -25 | 3204.9 | -176.0 | 40.3 | 851.7 | 113.0 |
| 19TH | 215.00 | 58.8 | -1.4 | 3247 | 1952 | 18.1 | -.7 | -1 | -27 | 3146.1 | -174.6 | 38.1 | 812.0 | 111.5 |
| 20TH | 227.50 | 60.2 | -1.9 | 3247 | 1952 | 18.5 | -1.0 | -1 | -28 | 3085.9 | -172.7 | 35.9 | 773.1 | 109.8 |
| 21ST | 240.00 | 61.8 | -2.4 | 3247 | 1952 | 19.0 | -1.2 | -1 | -29 | 3024.1 | -170.4 | 33.8 | 734.9 | 108.0 |
| 22ND | 252.50 | 63.6 | -2.8 | 3247 | 1952 | 19.6 | -1.5 | -1 | -30 | 2960.5 | -167.5 | 31.7 | 697.5 | 106.1 |
| 23RD | 265.00 | 65.5 | -3.3 | 3247 | 1952 | 20.2 | -1.7 | -2 | -31 | 2895.0 | -164.2 | 29.6 | 660.9 | 104.1 |
| 24TH | 277.50 | 67.4 | -3.8 | 3247 | 1952 | 20.8 | -2.0 | -2 | -32 | 2827.6 | -160.4 | 27.6 | 625.1 | 102.0 |
| 25TH | 290.00 | 69.3 | -4.3 | 3247 | 1952 | 21.3 | -2.2 | -2 | -33 | 2758.3 | -156.1 | 25.6 | 590.2 | 99.7 |
| 26TH | 302.50 | 71.1 | -4.8 | 3247 | 1952 | 21.9 | -2.5 | -2 | -33 | 2687.2 | -151.3 | 23.7 | 556.2 | 97.3 |
| 27TH | 315.00 | 73.0 | -5.3 | 3247 | 1952 | 22.5 | -2.7 | -2 | -34 | 2614.2 | -146.0 | 21.8 | 523.0 | 94.8 |
| | | 74.7 | -5.7 | 3247 | 1952 | 23.0 | -2.9 | -3 | -35 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 190 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECGEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|--------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 75.6 | -6.1 | 3247 | 1952 | 23.3 | -3.2 | -3 | -35 | 2539.5 | -140.3 | 20.0 | 490.8 | 92.2 |
| 29TH | 340.00 | 76.6 | -6.6 | 3247 | 1952 | 23.6 | -3.4 | -3 | -35 | 2463.9 | -134.1 | 18.3 | 459.6 | 89.5 |
| 30TH | 352.50 | 77.5 | -7.0 | 3247 | 1952 | 23.9 | -3.6 | -3 | -36 | 2387.3 | -127.6 | 16.7 | 429.2 | 86.8 |
| 31ST | 365.00 | 78.5 | -7.4 | 3247 | 1952 | 24.2 | -3.8 | -3 | -36 | 2309.8 | -120.6 | 15.1 | 399.9 | 84.0 |
| 32ND | 377.50 | 79.4 | -7.8 | 3247 | 1952 | 24.5 | -4.0 | -4 | -36 | 2231.3 | -113.2 | 13.6 | 371.5 | 81.1 |
| 33RD | 390.00 | 80.4 | -8.2 | 3247 | 1952 | 24.8 | -4.2 | -4 | -36 | 2151.9 | -105.4 | 12.3 | 344.1 | 78.2 |
| 34TH | 402.50 | 81.2 | -8.3 | 3247 | 1952 | 25.0 | -4.3 | -4 | -37 | 2071.5 | -97.2 | 11.0 | 317.7 | 75.3 |
| 35TH | 415.00 | 81.9 | -7.9 | 3247 | 1952 | 25.2 | -4.0 | -4 | -36 | 1990.2 | -88.9 | 9.8 | 292.3 | 72.3 |
| 36TH | 427.50 | 82.6 | -7.4 | 3247 | 1952 | 25.4 | -3.8 | -3 | -36 | 1908.3 | -81.0 | 8.8 | 267.9 | 69.3 |
| 37TH | 440.00 | 83.2 | -6.9 | 3247 | 1952 | 25.6 | -3.5 | -3 | -36 | 1825.8 | -73.6 | 7.8 | 244.6 | 66.2 |
| 38TH | 452.50 | 83.9 | -6.4 | 3247 | 1952 | 25.8 | -3.3 | -3 | -36 | 1742.5 | -66.7 | 6.9 | 222.3 | 63.2 |
| 39TH | 465.00 | 84.6 | -6.0 | 3247 | 1952 | 26.1 | -3.1 | -3 | -36 | 1658.6 | -60.3 | 6.2 | 201.1 | 60.1 |
| 40TH | 477.50 | 85.3 | -5.5 | 3247 | 1952 | 26.3 | -2.8 | -2 | -36 | 1574.0 | -54.3 | 5.4 | 180.8 | 57.1 |
| MECH | 490.00 | 151.0 | -8.5 | 5715 | 3436 | 26.4 | -2.5 | -2 | -36 | 1488.7 | -48.8 | 4.8 | 161.7 | 54.0 |
| 43RD | 512.00 | 85.8 | -4.2 | 3247 | 1952 | 26.4 | -2.1 | -2 | -35 | 1337.7 | -40.3 | 3.8 | 130.6 | 48.6 |
| 44TH | 524.50 | 85.9 | -3.7 | 3247 | 1952 | 26.4 | -1.9 | -2 | -35 | 1251.9 | -36.2 | 3.3 | 114.4 | 45.6 |
| 45TH | 537.00 | 85.9 | -3.2 | 3247 | 1952 | 26.5 | -1.7 | -1 | -35 | 1166.0 | -32.5 | 2.9 | 99.3 | 42.5 |
| 46TH | 549.50 | 85.9 | -2.8 | 3247 | 1952 | 26.5 | -1.4 | -1 | -35 | 1080.1 | -29.2 | 2.5 | 85.3 | 39.5 |
| 47TH | 562.00 | 86.0 | -2.3 | 3247 | 1952 | 26.5 | -1.2 | -1 | -35 | 994.2 | -26.5 | 2.2 | 72.3 | 36.5 |
| 48TH | 574.50 | 86.0 | -1.8 | 3247 | 1952 | 26.5 | -.9 | -1 | -35 | 908.2 | -24.2 | 1.9 | 60.4 | 33.5 |
| 49TH | 587.00 | 86.1 | -1.8 | 3247 | 1952 | 26.5 | -.9 | -1 | -35 | 822.2 | -22.4 | 1.6 | 49.6 | 30.5 |
| 50TH | 599.50 | 86.1 | -1.8 | 3247 | 1952 | 26.5 | -.9 | -1 | -35 | 736.1 | -20.6 | 1.3 | 39.9 | 27.5 |
| 51ST | 612.00 | 86.2 | -1.9 | 3247 | 1952 | 26.5 | -1.0 | -1 | -35 | 650.0 | -18.8 | 1.0 | 31.2 | 24.5 |
| 52ND | 624.50 | 86.2 | -1.9 | 3247 | 1952 | 26.6 | -1.0 | -1 | -35 | 563.8 | -16.9 | .8 | 23.6 | 21.4 |
| 53RD | 637.00 | 86.3 | -2.0 | 3247 | 1952 | 26.6 | -1.0 | -1 | -35 | 477.6 | -14.9 | .6 | 17.1 | 18.4 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
 WIND DIRECTION 190 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
 REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 86.4 | -2.1 | 3247 | 1952 | 26.6 | -1.1 | -1 | -36 | 391.3 | -12.9 | .5 | 11.7 | 13.3 |
| 55TH | 662.00 | 86.4 | -2.1 | 3247 | 1952 | 26.6 | -1.1 | -1 | -36 | 305.0 | -10.9 | .3 | 7.3 | 12.2 |
| 56TH | 674.50 | 79.1 | -2.6 | 3247 | 2067 | 24.4 | -1.2 | -1 | -39 | 218.5 | -8.8 | .2 | 4.1 | 9.1 |
| 57TH | 687.00 | 70.8 | -2.8 | 3247 | 2039 | 21.8 | -1.4 | -2 | -42 | 139.4 | -6.2 | .1 | 1.8 | 6.1 |
| PARA | 699.50 | 68.6 | -3.4 | 3507 | 2157 | 19.6 | -1.6 | -2 | -45 | 68.6 | -3.4 | .0 | .5 | 3.1 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 200

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | 75.0 | 16.8 | 4676 | 2811 | 16.0 | 6.0 | 2 | -10 | 4793.7 | 167.5 | -101.0 | 1828.1 | 86.1 |
| 2ND | 18.00 | 53.7 | 8.0 | 3247 | 1952 | 16.5 | 4.1 | 1 | -8 | 4718.7 | 150.7 | -98.1 | 1742.4 | 85.3 |
| 3RD | 30.50 | 50.2 | 4.9 | 3247 | 1952 | 15.5 | 2.5 | 1 | -11 | 4665.0 | 142.8 | -96.3 | 1683.8 | 84.8 |
| 4TH | 43.00 | 90.1 | .2 | 5715 | 3436 | 15.8 | .1 | 0 | -11 | 4614.8 | 137.9 | -94.5 | 1625.8 | 84.3 |
| 6TH | 65.00 | 55.2 | -.8 | 3247 | 1952 | 17.0 | -.4 | -0 | -11 | 4524.6 | 137.8 | -91.5 | 1525.3 | 83.3 |
| 7TH | 77.50 | 58.6 | -1.4 | 3247 | 1952 | 18.0 | -.7 | -0 | -12 | 4469.4 | 138.5 | -89.8 | 1469.1 | 82.7 |
| 8TH | 90.00 | 61.7 | -2.0 | 3247 | 1952 | 19.0 | -1.0 | -0 | -12 | 4410.8 | 139.9 | -88.0 | 1413.5 | 82.0 |
| 9TH | 102.50 | 64.8 | -2.6 | 3247 | 1952 | 20.0 | -1.3 | -1 | -13 | 4349.1 | 141.9 | -86.3 | 1358.8 | 81.2 |
| 10TH | 115.00 | 67.9 | -3.2 | 3247 | 1952 | 20.9 | -1.7 | -1 | -13 | 4284.3 | 144.5 | -84.5 | 1304.8 | 80.4 |
| 11TH | 127.50 | 71.0 | -3.9 | 3247 | 1952 | 21.9 | -2.0 | -1 | -14 | 4216.4 | 147.8 | -82.7 | 1251.7 | 79.5 |
| 12TH | 140.00 | 73.7 | -4.2 | 3247 | 1952 | 22.7 | -2.2 | -1 | -14 | 4145.4 | 151.6 | -80.8 | 1199.5 | 78.5 |
| 14TH | 152.50 | 75.8 | -4.3 | 3247 | 1952 | 23.3 | -2.2 | -1 | -15 | 4071.8 | 155.9 | -78.9 | 1148.1 | 77.4 |
| 15TH | 165.00 | 77.9 | -4.4 | 3247 | 1952 | 24.0 | -2.2 | -1 | -15 | 3996.0 | 160.2 | -76.9 | 1097.7 | 76.3 |
| 16TH | 177.50 | 80.1 | -4.4 | 3247 | 1952 | 24.7 | -2.3 | -1 | -16 | 3918.1 | 164.5 | -74.9 | 1048.2 | 75.2 |
| 17TH | 190.00 | 82.2 | -4.5 | 3247 | 1952 | 25.3 | -2.3 | -1 | -16 | 3838.0 | 168.9 | -72.8 | 999.7 | 73.9 |
| 18TH | 202.50 | 84.4 | -4.5 | 3247 | 1952 | 26.0 | -2.3 | -1 | -16 | 3755.8 | 173.4 | -70.6 | 952.3 | 72.6 |
| 19TH | 215.00 | 86.5 | -4.6 | 3247 | 1952 | 26.6 | -2.4 | -1 | -17 | 3671.4 | 177.9 | -68.4 | 905.8 | 71.2 |
| 20TH | 227.50 | 88.3 | -4.5 | 3247 | 1952 | 27.2 | -2.3 | -1 | -17 | 3584.9 | 182.5 | -66.2 | 860.5 | 69.8 |
| 21ST | 240.00 | 89.4 | -4.0 | 3247 | 1952 | 27.5 | -2.1 | -1 | -17 | 3496.7 | 187.0 | -63.9 | 816.2 | 68.2 |
| 22ND | 252.50 | 90.5 | -3.6 | 3247 | 1952 | 27.9 | -1.8 | -1 | -18 | 3407.3 | 191.1 | -61.5 | 773.1 | 66.7 |
| 23RD | 265.00 | 91.6 | -3.2 | 3247 | 1952 | 28.2 | -1.6 | -1 | -18 | 3316.7 | 194.7 | -59.1 | 731.1 | 65.1 |
| 24TH | 277.50 | 92.8 | -2.7 | 3247 | 1952 | 28.6 | -1.4 | -1 | -19 | 3225.1 | 197.8 | -56.7 | 690.2 | 63.4 |
| 25TH | 290.00 | 93.9 | -2.3 | 3247 | 1952 | 28.9 | -1.2 | -0 | -19 | 3132.4 | 200.6 | -54.2 | 650.4 | 61.7 |
| 26TH | 302.50 | 95.0 | -1.8 | 3247 | 1952 | 29.3 | -.9 | -0 | -19 | 3038.5 | 202.8 | -51.6 | 611.9 | 59.9 |
| 27TH | 315.00 | 95.8 | -1.3 | 3247 | 1952 | 29.5 | -.7 | -0 | -19 | 2943.5 | 204.7 | -49.1 | 574.5 | 58.1 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 200

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|-----|--------------|-------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | | | | | | | | | 2847.7 | 206.0 | -46.5 | 538.3 | 56.2 |
| 29TH | 340.00 | 95.6 | -0.4 | 3247 | 1952 | 29.5 | -0.2 | -0 | -19 | 2752.0 | 206.4 | -44.0 | 503.3 | 54.4 |
| 30TH | 352.50 | 95.5 | .5 | 3247 | 1952 | 29.4 | .3 | 0 | -19 | 2656.5 | 205.8 | -41.4 | 469.5 | 52.5 |
| 31ST | 365.00 | 95.3 | 1.4 | 3247 | 1952 | 29.4 | .7 | 0 | -19 | 2561.2 | 204.4 | -38.8 | 436.9 | 50.7 |
| 32ND | 377.50 | 95.2 | 2.3 | 3247 | 1952 | 29.3 | 1.2 | 0 | -19 | 2466.1 | 202.1 | -36.3 | 405.5 | 48.9 |
| 33RD | 390.00 | 95.0 | 3.2 | 3247 | 1952 | 29.3 | 1.7 | 1 | -19 | 2371.1 | 198.9 | -33.8 | 375.2 | 47.1 |
| 34TH | 402.50 | 94.8 | 4.1 | 3247 | 1952 | 29.2 | 2.1 | 1 | -19 | 2276.3 | 194.7 | -31.3 | 346.2 | 45.3 |
| 35TH | 415.00 | 94.7 | 4.9 | 3247 | 1952 | 29.2 | 2.5 | 1 | -19 | 2181.6 | 189.8 | -28.9 | 318.3 | 43.5 |
| 36TH | 427.50 | 94.5 | 5.4 | 3247 | 1952 | 29.1 | 2.8 | 1 | -19 | 2087.1 | 184.4 | -26.6 | 291.6 | 41.6 |
| 37TH | 440.00 | 94.2 | 5.9 | 3247 | 1952 | 29.0 | 3.0 | 1 | -19 | 1992.9 | 178.5 | -24.3 | 266.1 | 39.8 |
| 38TH | 452.50 | 94.0 | 6.3 | 3247 | 1952 | 28.9 | 3.3 | 1 | -19 | 1898.9 | 172.2 | -22.1 | 241.8 | 38.0 |
| 39TH | 465.00 | 93.7 | 6.8 | 3247 | 1952 | 28.9 | 3.5 | 1 | -19 | 1805.2 | 165.4 | -20.0 | 218.7 | 36.2 |
| 40TH | 477.50 | 93.4 | 7.3 | 3247 | 1952 | 28.8 | 3.7 | 2 | -19 | 1711.8 | 158.1 | -18.0 | 196.7 | 34.3 |
| MECH | 490.00 | 93.2 | 7.8 | 3247 | 1952 | 28.7 | 4.0 | 2 | -20 | 1618.7 | 150.3 | -16.0 | 175.9 | 32.5 |
| 43RD | 512.00 | 163.7 | 14.6 | 5715 | 3436 | 28.7 | 4.2 | 2 | -20 | 1454.9 | 135.7 | -12.9 | 142.1 | 29.3 |
| 44TH | 524.50 | 93.2 | 8.5 | 3247 | 1952 | 28.7 | 4.4 | 2 | -19 | 1361.7 | 127.2 | -11.3 | 124.5 | 27.5 |
| 45TH | 537.00 | 93.3 | 8.7 | 3247 | 1952 | 28.7 | 4.5 | 2 | -19 | 1268.4 | 118.4 | -9.7 | 108.0 | 25.6 |
| 46TH | 549.50 | 93.5 | 8.9 | 3247 | 1952 | 28.8 | 4.6 | 2 | -19 | 1174.9 | 109.5 | -8.3 | 92.7 | 23.8 |
| 47TH | 562.00 | 93.6 | 9.1 | 3247 | 1952 | 28.8 | 4.7 | 2 | -19 | 1081.3 | 100.4 | -7.0 | 78.6 | 22.0 |
| 48TH | 574.50 | 93.7 | 9.3 | 3247 | 1952 | 28.9 | 4.8 | 2 | -19 | 987.6 | 91.1 | -5.8 | 65.7 | 20.2 |
| 49TH | 587.00 | 93.8 | 9.5 | 3247 | 1952 | 28.9 | 4.9 | 2 | -19 | 893.8 | 81.6 | -4.7 | 54.0 | 18.3 |
| 50TH | 599.50 | 93.8 | 9.4 | 3247 | 1952 | 28.9 | 4.8 | 2 | -19 | 800.0 | 72.2 | -3.7 | 43.4 | 16.5 |
| 51ST | 612.00 | 93.7 | 9.2 | 3247 | 1952 | 28.9 | 4.7 | 2 | -19 | 706.2 | 62.9 | -2.9 | 34.0 | 14.7 |
| 52ND | 624.50 | 93.7 | 9.1 | 3247 | 1952 | 28.8 | 4.6 | 2 | -19 | 612.6 | 53.9 | -2.2 | 25.7 | 12.9 |
| 53RD | 637.00 | 93.6 | 8.9 | 3247 | 1952 | 28.8 | 4.6 | 2 | -19 | 519.0 | 45.0 | -1.6 | 18.6 | 11.0 |
| | | 93.5 | 8.7 | 3247 | 1952 | 28.8 | 4.5 | 2 | -19 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|--------------|-----|--------------|------|----------------|-----|------------|-----|--------------|------|-----------------------|------|-----|
| WIND DIRECTION 200 | | | | | | | | | | | | | | |
| CONFIGURATION A | | | | | | | | | | | | | | |
| RELIANCE CENTER, DENVER | | | | | | | | | | | | | | |
| FEB 23, 1982 | | | | | | | | | | | | | | |
| REFERENCE PRESSURE 22.0 PSF | | | | | | | | | | | | | | |
| GUST FACTOR 1.32 | | | | | | | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 93.4 | 8.6 | 3247 | 1952 | 28.8 | 4.4 | 2 | -19 | 425.5 | 36.3 | -1.0 | 12.7 | 9.2 |
| 55TH | 662.00 | 93.4 | 8.4 | 3247 | 1952 | 28.8 | 4.3 | 2 | -19 | 332.1 | 27.7 | -.6 | 8.0 | 7.4 |
| 56TH | 674.50 | 86.2 | 7.1 | 3247 | 2067 | 26.5 | 3.4 | 2 | -21 | 238.7 | 19.3 | -.4 | 4.4 | 5.5 |
| 57TH | 687.00 | 77.7 | 6.4 | 3247 | 2039 | 23.9 | 3.1 | 2 | -23 | 152.6 | 12.2 | -.2 | 2.0 | 3.7 |
| PARA | 699.50 | 74.9 | 5.8 | 3507 | 2157 | 21.4 | 2.7 | 2 | -25 | 74.9 | 5.8 | -.0 | .6 | 1.9 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1962
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 1ST | 0.00 | | | | | | | | | 5152.2 | 296.1 | -111.3 | 1927.0 | 45.4 |
| 2ND | 18.00 | 93.8 | 20.8 | 4676 | 2811 | 20.1 | 7.4 | 2 | -7 | 5058.4 | 275.3 | -106.2 | 1835.1 | 44.7 |
| 3RD | 30.50 | 66.2 | 11.0 | 3247 | 1952 | 20.4 | 5.7 | 1 | -5 | 4992.3 | 264.2 | -102.8 | 1772.3 | 44.4 |
| 4TH | 43.00 | 62.2 | 8.2 | 3247 | 1952 | 19.2 | 4.2 | 1 | -6 | 4930.0 | 256.1 | -99.6 | 1710.3 | 44.0 |
| 6TH | 65.00 | 111.2 | 6.8 | 5715 | 3436 | 19.4 | 2.0 | 0 | -6 | 4818.9 | 249.3 | -94.0 | 1603.0 | 43.3 |
| 7TH | 77.50 | 67.4 | 3.8 | 3247 | 1952 | 20.7 | 1.9 | 0 | -6 | 4751.5 | 245.5 | -90.9 | 1543.2 | 42.9 |
| 8TH | 90.00 | 70.9 | 3.7 | 3247 | 1952 | 21.8 | 1.9 | 0 | -6 | 4680.6 | 241.8 | -87.9 | 1484.3 | 42.4 |
| 9TH | 102.50 | 74.2 | 3.6 | 3247 | 1952 | 22.9 | 1.8 | 0 | -7 | 4606.3 | 238.3 | -84.9 | 1426.2 | 41.9 |
| 10TH | 115.00 | 77.5 | 3.5 | 3247 | 1952 | 23.9 | 1.8 | 0 | -7 | 4528.8 | 234.7 | -81.9 | 1369.1 | 41.4 |
| 11TH | 127.50 | 80.8 | 3.4 | 3247 | 1952 | 24.9 | 1.8 | 0 | -7 | 4448.0 | 231.3 | -79.0 | 1313.0 | 40.8 |
| 12TH | 140.00 | 84.2 | 3.3 | 3247 | 1952 | 25.9 | 1.7 | 0 | -8 | 4363.8 | 228.0 | -76.1 | 1257.9 | 40.1 |
| 14TH | 152.50 | 86.4 | 3.2 | 3247 | 1952 | 26.6 | 1.7 | 0 | -8 | 4277.4 | 224.7 | -73.3 | 1203.9 | 39.5 |
| 15TH | 165.00 | 87.5 | 3.1 | 3247 | 1952 | 26.9 | 1.6 | 0 | -8 | 4189.9 | 221.6 | -70.5 | 1151.0 | 38.7 |
| 16TH | 177.50 | 88.5 | 3.0 | 3247 | 1952 | 27.2 | 1.5 | 0 | -8 | 4101.4 | 218.6 | -67.7 | 1099.2 | 38.0 |
| 17TH | 190.00 | 89.5 | 2.9 | 3247 | 1952 | 27.6 | 1.5 | 0 | -9 | 4011.9 | 215.7 | -65.0 | 1048.5 | 37.2 |
| 18TH | 202.50 | 90.5 | 2.8 | 3247 | 1952 | 27.9 | 1.4 | 0 | -9 | 3921.4 | 213.0 | -62.4 | 998.9 | 36.4 |
| 19TH | 215.00 | 91.6 | 2.6 | 3247 | 1952 | 28.2 | 1.4 | 0 | -9 | 3829.8 | 210.3 | -59.7 | 950.5 | 35.5 |
| 20TH | 227.50 | 92.6 | 2.5 | 3247 | 1952 | 28.5 | 1.3 | 0 | -10 | 3737.3 | 207.8 | -57.1 | 903.2 | 34.6 |
| 21ST | 240.00 | 93.4 | 2.5 | 3247 | 1952 | 28.8 | 1.3 | 0 | -10 | 3643.8 | 205.3 | -54.5 | 857.0 | 33.7 |
| 22ND | 252.50 | 93.9 | 2.6 | 3247 | 1952 | 28.9 | 1.3 | 0 | -10 | 3549.9 | 202.7 | -52.0 | 812.1 | 32.8 |
| 23RD | 265.00 | 94.4 | 2.7 | 3247 | 1952 | 29.1 | 1.4 | 0 | -10 | 3455.5 | 200.0 | -49.4 | 768.3 | 31.9 |
| 24TH | 277.50 | 95.0 | 2.9 | 3247 | 1952 | 29.2 | 1.5 | 0 | -10 | 3360.5 | 197.1 | -47.0 | 725.7 | 31.0 |
| 25TH | 290.00 | 95.5 | 3.0 | 3247 | 1952 | 29.4 | 1.5 | 0 | -10 | 3265.0 | 194.1 | -44.5 | 684.3 | 30.0 |
| 26TH | 302.50 | 96.0 | 3.1 | 3247 | 1952 | 29.6 | 1.6 | 0 | -10 | 3169.1 | 191.0 | -42.1 | 644.1 | 29.1 |
| 27TH | 315.00 | 96.5 | 3.3 | 3247 | 1952 | 29.7 | 1.7 | 0 | -10 | 3072.6 | 187.7 | -39.7 | 605.1 | 28.2 |
| | | 96.9 | 3.4 | 3247 | 1952 | 29.8 | 1.8 | 0 | -10 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 210 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|-----|--------------|-------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | 96.8 | 3.8 | 3247 | 1952 | 29.8 | 1.9 | 0 | -10 | 2975.7 | 184.3 | -37.4 | 567.2 | 27.3 |
| 29TH | 340.00 | 96.7 | 4.1 | 3247 | 1952 | 29.8 | 2.1 | 0 | -9 | 2878.9 | 180.5 | -35.1 | 530.7 | 26.3 |
| 30TH | 352.50 | 96.7 | 4.4 | 3247 | 1952 | 29.8 | 2.3 | 0 | -9 | 2782.1 | 176.4 | -32.9 | 495.3 | 25.4 |
| 31ST | 365.00 | 96.6 | 4.7 | 3247 | 1952 | 29.8 | 2.4 | 0 | -9 | 2685.5 | 172.0 | -30.7 | 461.1 | 24.5 |
| 32ND | 377.50 | 96.6 | 5.0 | 3247 | 1952 | 29.7 | 2.6 | 0 | -9 | 2588.8 | 167.3 | -28.6 | 428.1 | 23.6 |
| 33RD | 390.00 | 96.5 | 5.4 | 3247 | 1952 | 29.7 | 2.7 | 1 | -9 | 2492.3 | 162.2 | -26.6 | 396.4 | 22.7 |
| 34TH | 402.50 | 96.4 | 5.6 | 3247 | 1952 | 29.7 | 2.9 | 1 | -9 | 2395.8 | 156.9 | -24.6 | 365.8 | 21.8 |
| 35TH | 415.00 | 96.5 | 5.7 | 3247 | 1952 | 29.7 | 2.9 | 1 | -9 | 2299.4 | 151.3 | -22.6 | 336.5 | 20.9 |
| 36TH | 427.50 | 96.9 | 5.8 | 3247 | 1952 | 29.8 | 3.0 | 1 | -9 | 2202.8 | 145.6 | -20.8 | 308.3 | 20.0 |
| 37TH | 440.00 | 97.2 | 5.9 | 3247 | 1952 | 29.9 | 3.0 | 1 | -9 | 2105.9 | 139.7 | -19.0 | 281.4 | 19.1 |
| 38TH | 452.50 | 97.6 | 6.0 | 3247 | 1952 | 30.0 | 3.1 | 1 | -9 | 2008.7 | 133.8 | -17.3 | 255.7 | 18.2 |
| 39TH | 465.00 | 97.9 | 6.1 | 3247 | 1952 | 30.2 | 3.1 | 1 | -9 | 1911.1 | 127.8 | -15.6 | 231.2 | 17.4 |
| 40TH | 477.50 | 98.3 | 6.2 | 3247 | 1952 | 30.3 | 3.2 | 1 | -9 | 1813.2 | 121.8 | -14.1 | 207.9 | 16.5 |
| MECH | 490.00 | 173.7 | 11.1 | 5715 | 3436 | 30.4 | 3.2 | 1 | -9 | 1714.9 | 115.6 | -12.6 | 185.9 | 15.6 |
| 43RD | 512.00 | 99.0 | 6.3 | 3247 | 1952 | 30.5 | 3.3 | 1 | -9 | 1541.3 | 104.4 | -10.2 | 150.1 | 14.1 |
| 44TH | 524.50 | 99.2 | 6.3 | 3247 | 1952 | 30.6 | 3.4 | 1 | -9 | 1442.3 | 98.0 | -8.9 | 131.4 | 13.2 |
| 45TH | 537.00 | 99.5 | 6.6 | 3247 | 1952 | 30.6 | 3.4 | 1 | -8 | 1343.1 | 91.4 | -7.7 | 114.0 | 12.4 |
| 46TH | 549.50 | 99.7 | 6.7 | 3247 | 1952 | 30.7 | 3.4 | 1 | -8 | 1243.6 | 84.8 | -6.6 | 97.8 | 11.5 |
| 47TH | 562.00 | 99.9 | 6.8 | 3247 | 1952 | 30.8 | 3.5 | 1 | -8 | 1143.9 | 78.1 | -5.6 | 82.9 | 10.7 |
| 48TH | 574.50 | 100.2 | 6.9 | 3247 | 1952 | 30.8 | 3.5 | 1 | -8 | 1044.0 | 71.2 | -4.7 | 69.2 | 9.8 |
| 49TH | 587.00 | 99.9 | 6.9 | 3247 | 1952 | 30.8 | 3.5 | 1 | -8 | 943.8 | 64.3 | -3.8 | 56.8 | 9.0 |
| 50TH | 599.50 | 99.6 | 6.9 | 3247 | 1952 | 30.7 | 3.5 | 1 | -8 | 843.9 | 57.4 | -3.1 | 45.6 | 8.2 |
| 51ST | 612.00 | 99.3 | 6.9 | 3247 | 1952 | 30.6 | 3.5 | 1 | -9 | 744.3 | 50.5 | -2.4 | 35.7 | 7.3 |
| 52ND | 624.50 | 99.0 | 6.8 | 3247 | 1952 | 30.5 | 3.5 | 1 | -9 | 645.0 | 43.7 | -1.8 | 27.0 | 6.5 |
| 53RD | 637.00 | 98.7 | 6.8 | 3247 | 1952 | 30.4 | 3.5 | 1 | -9 | 546.0 | 36.8 | -1.3 | 19.6 | 5.6 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | WIND DIRECTION 210 | | CONFIGURATION A | | RELIANCE CENTER, DENVER | | FEB 23, 1982 | | REFERENCE PRESSURE 22.0 PSF | | GUST FACTOR 1.32 | | |
|--------------------------------------|--------|--------------------|-----|-----------------|------|-------------------------|-----|--------------|-----|-----------------------------|------|-----------------------|------|-----|
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 98.4 | 6.8 | 3247 | 1952 | 30.3 | 3.5 | 1 | -9 | 447.3 | 30.0 | - .9 | 13.4 | 4.7 |
| 55TH | 662.00 | 98.1 | 6.7 | 3247 | 1952 | 30.2 | 3.5 | 1 | -9 | 348.9 | 23.3 | - .6 | 8.4 | 3.8 |
| 56TH | 674.50 | 90.6 | 5.8 | 3247 | 2067 | 27.9 | 2.8 | 1 | -11 | 250.8 | 16.5 | - .3 | 4.7 | 2.9 |
| 57TH | 687.00 | 81.8 | 5.5 | 3247 | 2039 | 25.2 | 2.7 | 1 | -12 | 160.2 | 10.7 | - .1 | 2.1 | 2.0 |
| PARA | 699.50 | 78.4 | 5.2 | 3507 | 2157 | 22.4 | 2.4 | 1 | -13 | 78.4 | 5.2 | - .0 | .6 | 1.0 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ELEVATION (FT) | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|----------------|--------------|-------|-----------------------|--------|-----|
| | | X | Y | X | Y | X | Y | | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | 5490.9 | 153.6 | -41.6 | 2039.3 | 4.4 |
| 2ND | 18.00 | 106.0 | 15.5 | 4676 | 2811 | 22.7 | 5.5 | 3 | 5385.0 | 138.2 | -39.0 | 1941.4 | 4.1 |
| 3RD | 30.50 | 73.9 | 8.5 | 3247 | 1952 | 22.6 | 4.4 | 2 | 5311.1 | 129.7 | -37.3 | 1874.6 | 4.0 |
| 4TH | 43.00 | 70.8 | 6.7 | 3247 | 1952 | 21.8 | 3.4 | 0 -2 | 5240.3 | 123.0 | -35.7 | 1808.6 | 3.8 |
| 6TH | 65.00 | 123.0 | 7.1 | 5715 | 3436 | 21.5 | 2.1 | 0 -3 | 5117.3 | 115.9 | -33.1 | 1694.7 | 3.5 |
| 7TH | 77.50 | 74.2 | 4.0 | 3247 | 1952 | 22.9 | 2.0 | 0 -3 | 5043.1 | 111.9 | -31.7 | 1631.2 | 3.3 |
| 8TH | 90.00 | 77.9 | 4.0 | 3247 | 1952 | 24.0 | 1.0 | 0 -3 | 4965.2 | 107.9 | -30.3 | 1568.6 | 3.0 |
| 9TH | 102.50 | 81.1 | 4.1 | 3247 | 1952 | 25.0 | 2.1 | 0 -3 | 4884.1 | 103.8 | -29.0 | 1507.1 | 2.8 |
| 10TH | 115.00 | 84.3 | 4.1 | 3247 | 1952 | 25.9 | 2.1 | 0 -3 | 4799.9 | 99.7 | -27.7 | 1446.6 | 2.6 |
| 11TH | 127.50 | 87.4 | 4.1 | 3247 | 1952 | 26.9 | 2.1 | 0 -3 | 4712.4 | 95.7 | -26.5 | 1387.1 | 2.3 |
| 12TH | 140.00 | 90.6 | 4.1 | 3247 | 1952 | 27.9 | 2.1 | 0 -3 | 4621.8 | 91.6 | -25.3 | 1328.8 | 2.0 |
| 14TH | 152.50 | 92.9 | 4.0 | 3247 | 1952 | 28.0 | 2.0 | 0 -3 | 4528.9 | 87.6 | -24.2 | 1271.6 | 1.8 |
| 15TH | 165.00 | 94.0 | 3.7 | 3247 | 1952 | 29.0 | 1.9 | 0 -3 | 4434.9 | 83.9 | -23.1 | 1215.5 | 1.5 |
| 16TH | 177.50 | 95.1 | 3.4 | 3247 | 1952 | 29.3 | 1.7 | 0 -3 | 4339.7 | 80.6 | -22.1 | 1160.7 | 1.3 |
| 17TH | 190.00 | 96.3 | 3.1 | 3247 | 1952 | 29.6 | 1.6 | 0 -2 | 4243.5 | 77.5 | -21.1 | 1107.1 | 1.0 |
| 18TH | 202.50 | 97.4 | 2.8 | 3247 | 1952 | 30.0 | 1.4 | 0 -2 | 4146.1 | 74.7 | -20.1 | 1054.6 | .8 |
| 19TH | 215.00 | 98.5 | 2.5 | 3247 | 1952 | 30.3 | 1.3 | 0 -2 | 4047.6 | 72.2 | -19.2 | 1003.4 | .6 |
| 20TH | 227.50 | 99.6 | 2.2 | 3247 | 1952 | 30.7 | 1.1 | 0 -2 | 3948.0 | 70.0 | -18.3 | 953.4 | .4 |
| 21ST | 240.00 | 100.4 | 2.0 | 3247 | 1952 | 30.9 | 1.0 | 0 -2 | 3847.6 | 68.1 | -17.5 | 904.7 | .2 |
| 22ND | 252.50 | 100.5 | 1.8 | 3247 | 1952 | 31.0 | .9 | 0 -2 | 3747.0 | 66.2 | -16.6 | 857.3 | .0 |
| 23RD | 265.00 | 100.7 | 1.7 | 3247 | 1952 | 31.0 | .9 | 0 -1 | 3646.4 | 64.5 | -15.8 | 811.0 | -.1 |
| 24TH | 277.50 | 100.8 | 1.6 | 3247 | 1952 | 31.0 | .8 | 0 -1 | 3545.6 | 62.9 | -15.0 | 766.1 | -.2 |
| 25TH | 290.00 | 100.9 | 1.5 | 3247 | 1952 | 31.1 | .8 | 0 -1 | 3444.6 | 61.4 | -14.2 | 722.4 | -.4 |
| 26TH | 302.50 | 101.1 | 1.4 | 3247 | 1952 | 31.1 | .7 | 0 -1 | 3343.6 | 60.0 | -13.5 | 680.0 | -.4 |
| 27TH | 315.00 | 101.2 | 1.3 | 3247 | 1952 | 31.2 | .7 | 0 -1 | 3242.4 | 58.7 | -12.7 | 638.8 | -.5 |
| | | 101.3 | 1.2 | 3247 | 1952 | 31.2 | .6 | 0 -1 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|----|--------------|------|-----------------------|-------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 101.4 | 1.3 | 3247 | 1952 | 31.2 | .7 | 0 | -1 | 3141.1 | 57.5 | -12.0 | 598.9 | -.6 |
| 29TH | 340.00 | 101.6 | 1.4 | 3247 | 1952 | 31.3 | .7 | 0 | -1 | 3039.6 | 56.1 | -11.3 | 560.3 | -.6 |
| 30TH | 352.50 | 101.7 | 1.5 | 3247 | 1952 | 31.3 | .8 | 0 | -0 | 2938.1 | 54.7 | -10.6 | 522.9 | -.7 |
| 31ST | 365.00 | 101.8 | 1.6 | 3247 | 1952 | 31.3 | .8 | 0 | -0 | 2836.4 | 53.2 | -9.9 | 486.8 | -.7 |
| 32ND | 377.50 | 101.9 | 1.7 | 3247 | 1952 | 31.4 | .9 | 0 | -0 | 2734.6 | 51.6 | -9.3 | 452.0 | -.8 |
| 33RD | 390.00 | 102.0 | 1.8 | 3247 | 1952 | 31.4 | .9 | 0 | -0 | 2632.7 | 49.8 | -8.7 | 418.5 | -.8 |
| 34TH | 402.50 | 102.1 | 1.9 | 3247 | 1952 | 31.4 | 1.0 | 0 | -0 | 2530.7 | 48.0 | -8.0 | 386.2 | -.9 |
| 35TH | 415.00 | 102.3 | 1.8 | 3247 | 1952 | 31.5 | .9 | 0 | -0 | 2428.7 | 46.1 | -7.5 | 355.2 | -.9 |
| 36TH | 427.50 | 102.6 | 1.8 | 3247 | 1952 | 31.6 | .9 | 0 | -0 | 2326.4 | 44.3 | -6.9 | 325.5 | -.9 |
| 37TH | 440.00 | 102.9 | 1.7 | 3247 | 1952 | 31.7 | .9 | 0 | -0 | 2223.8 | 42.5 | -6.3 | 297.1 | -1.0 |
| 38TH | 452.50 | 103.2 | 1.6 | 3247 | 1952 | 31.8 | .8 | -0 | 0 | 2121.0 | 40.8 | -5.8 | 269.9 | -1.0 |
| 39TH | 465.00 | 103.5 | 1.6 | 3247 | 1952 | 31.9 | .8 | -0 | 0 | 2017.8 | 39.2 | -5.3 | 244.0 | -1.0 |
| 40TH | 477.50 | 103.8 | 1.5 | 3247 | 1952 | 32.0 | .8 | -0 | 0 | 1914.3 | 37.6 | -4.8 | 219.5 | -1.0 |
| MECH | 490.00 | 183.4 | 2.6 | 5715 | 3436 | 32.1 | .8 | -0 | 0 | 1810.5 | 36.1 | -4.4 | 196.2 | -.9 |
| 43RD | 512.00 | 104.5 | 1.6 | 3247 | 1952 | 32.2 | .8 | -0 | 1 | 1627.1 | 33.5 | -3.6 | 158.4 | -.8 |
| 44TH | 524.50 | 104.8 | 1.6 | 3247 | 1952 | 32.3 | .8 | -0 | 1 | 1522.6 | 31.9 | -3.2 | 138.7 | -.8 |
| 45TH | 537.00 | 104.8 | 1.6 | 3247 | 1952 | 32.3 | .9 | -0 | 1 | 1417.9 | 30.2 | -2.8 | 120.3 | -.7 |
| 46TH | 549.50 | 105.0 | 1.7 | 3247 | 1952 | 32.3 | .9 | -0 | 1 | 1312.9 | 28.5 | -2.5 | 103.2 | -.6 |
| 47TH | 562.00 | 105.2 | 1.8 | 3247 | 1952 | 32.4 | .9 | -0 | 1 | 1207.6 | 26.7 | -2.1 | 87.5 | -.5 |
| 48TH | 574.50 | 105.5 | 1.8 | 3247 | 1952 | 32.5 | .9 | -0 | 1 | 1102.2 | 24.9 | -1.8 | 73.0 | -.3 |
| 49TH | 587.00 | 105.7 | 1.9 | 3247 | 1952 | 32.6 | 1.0 | -0 | 2 | 996.4 | 23.0 | -1.5 | 59.9 | -.2 |
| 50TH | 599.50 | 105.5 | 2.0 | 3247 | 1952 | 32.5 | 1.0 | -0 | 1 | 890.9 | 21.0 | -1.2 | 48.1 | -.0 |
| 51ST | 612.00 | 105.2 | 2.1 | 3247 | 1952 | 32.4 | 1.1 | -0 | 1 | 785.7 | 18.9 | -1.0 | 37.7 | .1 |
| 52ND | 624.50 | 104.9 | 2.2 | 3247 | 1952 | 32.3 | 1.1 | -0 | 1 | 680.8 | 16.8 | -.7 | 28.5 | .2 |
| 53RD | 637.00 | 104.7 | 2.3 | 3247 | 1952 | 32.2 | 1.2 | -0 | 1 | 576.1 | 14.5 | -.5 | 20.6 | .3 |
| | | 104.4 | 2.4 | 3247 | 1952 | 32.1 | 1.2 | -0 | 1 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 220

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-----|--------------|------|----------------|-----|------------|----|--------------|------|-----------------------|------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 104.1 | 2.5 | 3247 | 1952 | 32.1 | 1.3 | -0 | 1 | 471.7 | 12.1 | -.4 | 14.1 | .4 |
| 55TH | 662.00 | 103.8 | 2.6 | 3247 | 1952 | 32.0 | 1.3 | -0 | 0 | 367.7 | 9.6 | -.2 | 8.8 | .5 |
| 56TH | 674.50 | 95.6 | 2.3 | 3247 | 2067 | 29.5 | 1.1 | 0 | -1 | 263.8 | 7.1 | -.1 | 4.9 | .5 |
| 57TH | 687.00 | 86.0 | 2.3 | 3247 | 2039 | 26.5 | 1.1 | 0 | -2 | 168.2 | 4.8 | -.1 | 2.2 | .4 |
| PARA | 699.50 | 82.2 | 2.5 | 3507 | 2157 | 23.4 | 1.1 | 0 | -3 | 82.2 | 2.5 | -.0 | .6 | .2 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|---|--------------|--------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 5594.0 | -106.7 | 60.1 | 2073.1 | -37.7 |
| 2ND | 18.00 | 108.2 | 6.1 | 4676 | 2811 | 23.1 | 2.2 | -0 | 4 | 5485.8 | -112.8 | 58.1 | 1973.4 | -37.2 |
| 3RD | 30.50 | 75.8 | 3.6 | 3247 | 1952 | 23.3 | 1.9 | -0 | 4 | 5410.0 | -116.5 | 56.7 | 1905.3 | -36.9 |
| 4TH | 43.00 | 72.1 | 3.1 | 3247 | 1952 | 22.2 | 1.6 | -0 | 4 | 5337.9 | -119.6 | 55.2 | 1838.1 | -36.7 |
| 6TH | 65.00 | 122.7 | 3.9 | 5715 | 3436 | 21.5 | 1.1 | -0 | 2 | 5215.2 | -123.5 | 52.6 | 1722.0 | -36.4 |
| 7TH | 77.50 | 74.1 | 2.1 | 3247 | 1952 | 22.8 | 1.1 | -0 | 2 | 5141.0 | -125.6 | 51.0 | 1657.3 | -36.3 |
| 8TH | 90.00 | 78.3 | 2.1 | 3247 | 1952 | 24.1 | 1.1 | -0 | 2 | 5062.8 | -127.7 | 49.4 | 1593.5 | -36.1 |
| 9TH | 102.50 | 82.0 | 2.0 | 3247 | 1952 | 25.3 | 1.0 | -0 | 2 | 4980.8 | -129.7 | 47.8 | 1530.7 | -35.9 |
| 10TH | 115.00 | 85.7 | 1.9 | 3247 | 1952 | 26.4 | 1.0 | -0 | 2 | 4895.0 | -131.6 | 46.2 | 1469.0 | -35.7 |
| 11TH | 127.50 | 89.5 | 1.9 | 3247 | 1952 | 27.6 | .9 | -0 | 3 | 4805.5 | -133.5 | 44.5 | 1408.4 | -35.5 |
| 12TH | 140.00 | 93.2 | 1.8 | 3247 | 1952 | 28.7 | .9 | -0 | 3 | 4712.3 | -135.2 | 42.8 | 1348.9 | -35.3 |
| 14TH | 152.50 | 95.8 | 1.5 | 3247 | 1952 | 29.5 | .8 | -0 | 3 | 4616.5 | -136.7 | 41.1 | 1290.6 | -35.0 |
| 15TH | 165.00 | 96.9 | .9 | 3247 | 1952 | 29.9 | .4 | -0 | 3 | 4519.6 | -137.6 | 39.4 | 1233.5 | -34.7 |
| 16TH | 177.50 | 98.0 | .3 | 3247 | 1952 | 30.2 | .1 | -0 | 4 | 4421.5 | -137.9 | 37.7 | 1177.6 | -34.3 |
| 17TH | 190.00 | 99.2 | -.3 | 3247 | 1952 | 30.5 | -.2 | 0 | 4 | 4322.4 | -137.5 | 36.0 | 1123.0 | -33.9 |
| 18TH | 202.50 | 100.3 | -.9 | 3247 | 1952 | 30.9 | -.5 | 0 | 4 | 4222.1 | -136.6 | 34.3 | 1069.5 | -33.5 |
| 19TH | 215.00 | 101.4 | -1.5 | 3247 | 1952 | 31.2 | -.8 | 0 | 4 | 4120.7 | -135.1 | 32.6 | 1017.4 | -33.1 |
| 20TH | 227.50 | 102.5 | -2.1 | 3247 | 1952 | 31.6 | -1.1 | 0 | 5 | 4018.1 | -132.9 | 30.9 | 966.5 | -32.6 |
| 21ST | 240.00 | 103.3 | -2.6 | 3247 | 1952 | 31.8 | -1.3 | 0 | 5 | 3914.8 | -130.3 | 29.3 | 917.0 | -32.1 |
| 22ND | 252.50 | 103.4 | -2.8 | 3247 | 1952 | 31.8 | -1.4 | 0 | 5 | 3811.4 | -127.6 | 27.6 | 868.7 | -31.6 |
| 23RD | 265.00 | 103.5 | -3.0 | 3247 | 1952 | 31.9 | -1.5 | 0 | 6 | 3708.0 | -124.6 | 26.1 | 821.7 | -31.0 |
| 24TH | 277.50 | 103.6 | -3.2 | 3247 | 1952 | 31.9 | -1.6 | 0 | 6 | 3604.4 | -121.4 | 24.5 | 776.0 | -30.4 |
| 25TH | 290.00 | 103.7 | -3.4 | 3247 | 1952 | 31.9 | -1.7 | 0 | 6 | 3500.7 | -118.1 | 23.0 | 731.6 | -29.7 |
| 26TH | 302.50 | 103.8 | -3.5 | 3247 | 1952 | 32.0 | -1.8 | 0 | 7 | 3396.9 | -114.5 | 21.6 | 688.5 | -29.0 |
| 27TH | 315.00 | 103.9 | -3.7 | 3247 | 1952 | 32.0 | -1.9 | 0 | 7 | 3293.1 | -110.8 | 20.2 | 646.6 | -28.3 |
| | | 104.0 | -3.9 | 3247 | 1952 | 32.0 | -2.0 | 0 | 7 | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | | |
|---|--------|-----------------|------|--------------|------|----------------|------|------------|----|-----------------------------|--------|-----------------------|-------|------------------|--|
| WIND DIRECTION 230 | | CONFIGURATION A | | | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | GUST FACTOR 1.32 | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z | |
| 28TH | 327.50 | 104.0 | -3.9 | 3247 | 1952 | 32.0 | -2.0 | 0 | 7 | 3189.1 | -106.9 | 18.8 | 606.1 | -27.6 | |
| 29TH | 340.00 | 104.1 | -3.9 | 3247 | 1952 | 32.1 | -2.0 | 0 | 7 | 3085.1 | -103.0 | 17.5 | 566.9 | -26.8 | |
| 30TH | 352.50 | 104.2 | -3.9 | 3247 | 1952 | 32.1 | -2.0 | 0 | 7 | 2981.0 | -99.1 | 16.2 | 529.0 | -26.1 | |
| 31ST | 365.00 | 104.2 | -3.9 | 3247 | 1952 | 32.1 | -2.0 | 0 | 7 | 2876.8 | -95.2 | 15.0 | 492.4 | -25.3 | |
| 32ND | 377.50 | 104.3 | -4.0 | 3247 | 1952 | 32.1 | -2.0 | 0 | 7 | 2772.6 | -91.2 | 13.9 | 457.1 | -24.5 | |
| 33RD | 390.00 | 104.4 | -4.0 | 3247 | 1952 | 32.1 | -2.0 | 0 | 8 | 2668.3 | -87.3 | 12.7 | 423.1 | -23.8 | |
| 34TH | 402.50 | 104.4 | -4.0 | 3247 | 1952 | 32.2 | -2.0 | 0 | 8 | 2563.9 | -83.3 | 11.7 | 390.4 | -23.0 | |
| 35TH | 415.00 | 104.5 | -4.0 | 3247 | 1952 | 32.2 | -2.0 | 0 | 8 | 2459.5 | -79.3 | 10.7 | 359.0 | -22.2 | |
| 36TH | 427.50 | 104.8 | -3.9 | 3247 | 1952 | 32.3 | -2.0 | 0 | 8 | 2355.0 | -75.4 | 9.7 | 328.9 | -21.4 | |
| 37TH | 440.00 | 105.0 | -3.9 | 3247 | 1952 | 32.3 | -2.0 | 0 | 8 | 2250.3 | -71.4 | 8.8 | 300.1 | -20.5 | |
| 38TH | 452.50 | 105.3 | -3.9 | 3247 | 1952 | 32.4 | -2.0 | 0 | 9 | 2145.2 | -67.5 | 7.9 | 272.6 | -19.7 | |
| 39TH | 465.00 | 105.6 | -3.9 | 3247 | 1952 | 32.5 | -2.0 | 0 | 9 | 2039.9 | -63.6 | 7.1 | 246.5 | -18.8 | |
| 40TH | 477.50 | 105.9 | -3.9 | 3247 | 1952 | 32.6 | -2.0 | 0 | 9 | 1934.3 | -59.7 | 6.3 | 221.6 | -17.8 | |
| MECH | 490.00 | 186.7 | -6.8 | 5715 | 3436 | 32.7 | -2.0 | 0 | 9 | 1828.5 | -55.8 | 5.6 | 198.1 | -16.9 | |
| 43RD | 512.00 | 106.0 | -3.7 | 3247 | 1952 | 32.7 | -1.9 | 0 | 9 | 1641.8 | -49.1 | 4.4 | 159.9 | -15.1 | |
| 44TH | 524.50 | 106.0 | -3.7 | 3247 | 1952 | 32.7 | -1.9 | 0 | 10 | 1535.7 | -45.3 | 3.9 | 140.1 | -14.1 | |
| 45TH | 537.00 | 106.0 | -3.6 | 3247 | 1952 | 32.6 | -1.8 | 0 | 10 | 1429.7 | -41.6 | 3.3 | 121.6 | -13.1 | |
| 46TH | 549.50 | 106.0 | -3.5 | 3247 | 1952 | 32.6 | -1.8 | 0 | 10 | 1323.7 | -38.0 | 2.8 | 104.3 | -12.1 | |
| 47TH | 562.00 | 106.0 | -3.5 | 3247 | 1952 | 32.6 | -1.8 | 0 | 10 | 1217.7 | -34.5 | 2.4 | 88.5 | -11.1 | |
| 48TH | 574.50 | 106.0 | -3.4 | 3247 | 1952 | 32.6 | -1.7 | 0 | 10 | 1111.7 | -31.1 | 1.9 | 73.9 | -10.1 | |
| 49TH | 587.00 | 105.8 | -3.3 | 3247 | 1952 | 32.6 | -1.7 | 0 | 10 | 1005.7 | -27.7 | 1.6 | 60.7 | -9.0 | |
| 50TH | 599.50 | 105.7 | -3.2 | 3247 | 1952 | 32.5 | -1.6 | 0 | 10 | 899.9 | -24.4 | 1.3 | 48.8 | -8.0 | |
| 51ST | 612.00 | 105.5 | -3.1 | 3247 | 1952 | 32.5 | -1.6 | 0 | 10 | 794.3 | -21.2 | 1.0 | 38.2 | -7.0 | |
| 52ND | 624.50 | 105.3 | -3.0 | 3247 | 1952 | 32.4 | -1.5 | 0 | 10 | 688.8 | -18.1 | .7 | 28.9 | -5.9 | |
| 53RD | 637.00 | 105.2 | -2.9 | 3247 | 1952 | 32.4 | -1.5 | 0 | 9 | 583.4 | -15.0 | .5 | 20.9 | -4.9 | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|---|--------------|-------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | 478.2 | -12.1 | .3 | 14.3 | -3.9 |
| 55TH | 662.00 | 105.0 | -2.8 | 3247 | 1952 | 32.3 | -1.5 | 0 | 9 | 373.2 | -9.3 | .2 | 9.0 | -2.9 |
| 56TH | 674.50 | 104.8 | -2.7 | 3247 | 1952 | 32.3 | -1.4 | 0 | 9 | 268.4 | -6.6 | .1 | 5.0 | -2.0 |
| 57TH | 687.00 | 97.1 | -2.6 | 3247 | 2067 | 29.9 | -1.3 | 0 | 8 | 171.3 | -3.9 | .1 | 2.2 | -1.2 |
| PARA | 699.50 | 87.5 | -2.1 | 3247 | 2039 | 27.0 | -1.0 | 0 | 7 | 83.8 | -1.8 | .0 | .6 | -.5 |
| TOP | 714.67 | 83.8 | -1.8 | 3507 | 2157 | 23.9 | -.9 | 0 | 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAM 1
WIND DIRECTION 240

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 1ST | 0.00 | | | | | | | | | 5240.9 | -180.5 | 87.6 | 1939.4 | -83.4 |
| 2ND | 18.00 | 98.5 | -9.1 | 4676 | 2811 | 21.1 | -3.2 | 1 | 8 | 5142.4 | -171.4 | 84.4 | 1846.0 | -82.5 |
| 3RD | 30.50 | 69.6 | -4.6 | 3247 | 1952 | 21.4 | -2.4 | 1 | 8 | 5072.8 | -166.7 | 82.3 | 1782.1 | -82.0 |
| 4TH | 43.00 | 64.0 | -3.3 | 3247 | 1952 | 19.7 | -1.7 | 0 | 8 | 5008.7 | -163.4 | 80.2 | 1719.1 | -81.5 |
| 6TH | 65.00 | 111.2 | -3.7 | 5715 | 3436 | 19.5 | -1.1 | 0 | 7 | 4897.6 | -159.7 | 76.7 | 1610.2 | -80.7 |
| 7TH | 77.50 | 68.0 | -1.6 | 3247 | 1952 | 21.0 | -.8 | 0 | 8 | 4829.5 | -158.1 | 74.7 | 1549.4 | -80.1 |
| 8TH | 90.00 | 72.0 | -1.3 | 3247 | 1952 | 22.2 | -.6 | 0 | 9 | 4757.5 | -156.9 | 72.7 | 1489.4 | -79.5 |
| 9TH | 102.50 | 75.7 | -.9 | 3247 | 1952 | 23.3 | -.5 | 0 | 10 | 4681.9 | -156.0 | 70.8 | 1430.5 | -78.7 |
| 10TH | 115.00 | 79.3 | -.6 | 3247 | 1952 | 24.4 | -.3 | 0 | 10 | 4602.5 | -155.4 | 68.8 | 1372.4 | -77.9 |
| 11TH | 127.50 | 83.0 | -.2 | 3247 | 1952 | 25.6 | -.1 | 0 | 11 | 4519.5 | -155.1 | 66.9 | 1315.4 | -77.0 |
| 12TH | 140.00 | 86.7 | .1 | 3247 | 1952 | 26.7 | .1 | -0 | 11 | 4432.9 | -155.3 | 64.9 | 1259.5 | -76.0 |
| 14TH | 152.50 | 89.4 | .4 | 3247 | 1952 | 27.5 | .2 | -0 | 12 | 4343.4 | -155.7 | 63.0 | 1204.6 | -75.0 |
| 15TH | 165.00 | 91.0 | .7 | 3247 | 1952 | 28.0 | .3 | -0 | 13 | 4252.4 | -156.3 | 61.0 | 1150.9 | -73.8 |
| 16TH | 177.50 | 92.7 | .9 | 3247 | 1952 | 28.5 | .5 | -0 | 13 | 4159.7 | -157.2 | 59.1 | 1098.3 | -72.6 |
| 17TH | 190.00 | 94.3 | 1.1 | 3247 | 1952 | 29.0 | .6 | -0 | 14 | 4065.5 | -158.4 | 57.1 | 1046.9 | -71.3 |
| 18TH | 202.50 | 95.9 | 1.4 | 3247 | 1952 | 29.5 | .7 | -0 | 14 | 3969.6 | -159.8 | 55.1 | 996.7 | -70.0 |
| 19TH | 215.00 | 97.5 | 1.6 | 3247 | 1952 | 30.0 | .8 | -0 | 15 | 3872.1 | -161.4 | 53.1 | 947.7 | -68.5 |
| 20TH | 227.50 | 99.1 | 1.9 | 3247 | 1952 | 30.5 | 1.0 | -0 | 15 | 3773.0 | -163.2 | 51.1 | 899.9 | -67.1 |
| 21ST | 240.00 | 100.1 | 1.8 | 3247 | 1952 | 30.8 | .9 | -0 | 15 | 3672.8 | -165.1 | 49.0 | 853.4 | -65.5 |
| 22ND | 252.50 | 100.1 | 1.3 | 3247 | 1952 | 30.8 | .6 | -0 | 16 | 3572.7 | -166.3 | 47.0 | 808.1 | -63.9 |
| 23RD | 265.00 | 100.0 | .7 | 3247 | 1952 | 30.8 | .4 | -0 | 16 | 3472.7 | -167.0 | 44.9 | 764.0 | -62.4 |
| 24TH | 277.50 | 100.0 | .1 | 3247 | 1952 | 30.8 | .1 | -0 | 16 | 3372.7 | -167.1 | 42.8 | 721.3 | -60.8 |
| 25TH | 290.00 | 99.9 | -.4 | 3247 | 1952 | 30.8 | -.2 | 0 | 16 | 3272.8 | -166.7 | 40.7 | 679.7 | -59.2 |
| 26TH | 302.50 | 99.8 | -1.0 | 3247 | 1952 | 30.7 | -.5 | 0 | 16 | 3173.0 | -165.7 | 38.6 | 639.4 | -57.5 |
| 27TH | 315.00 | 99.8 | -1.6 | 3247 | 1952 | 30.7 | -.8 | 0 | 16 | 3073.2 | -164.1 | 36.6 | 600.4 | -55.9 |
| | | 99.7 | -2.1 | 3247 | 1952 | 30.7 | -1.1 | 0 | 17 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | | | | | | | | | 2973.5 | -162.1 | 34.5 | 562.6 | -54.2 |
| 29TH | 340.00 | 99.5 | -2.4 | 3247 | 1952 | 30.6 | -1.2 | 0 | 17 | 2874.0 | -159.7 | 32.5 | 526.1 | -52.6 |
| 30TH | 352.50 | 99.2 | -2.7 | 3247 | 1952 | 30.6 | -1.4 | 0 | 17 | 2774.8 | -157.0 | 30.5 | 490.7 | -50.9 |
| 31ST | 365.00 | 99.0 | -3.0 | 3247 | 1952 | 30.5 | -1.5 | 1 | 17 | 2675.8 | -154.0 | 28.6 | 456.7 | -49.2 |
| 32ND | 377.50 | 98.8 | -3.3 | 3247 | 1952 | 30.4 | -1.7 | 1 | 17 | 2577.0 | -150.7 | 26.7 | 423.9 | -47.5 |
| 33RD | 390.00 | 98.6 | -3.6 | 3247 | 1952 | 30.4 | -1.9 | 1 | 17 | 2478.4 | -147.1 | 24.8 | 392.3 | -45.8 |
| 34TH | 402.50 | 98.3 | -3.9 | 3247 | 1952 | 30.3 | -2.0 | 1 | 17 | 2380.1 | -143.2 | 23.0 | 361.9 | -44.1 |
| 35TH | 415.00 | 98.2 | -4.2 | 3247 | 1952 | 30.2 | -2.2 | 1 | 18 | 2281.9 | -139.0 | 21.2 | 332.8 | -42.4 |
| 36TH | 427.50 | 98.1 | -4.4 | 3247 | 1952 | 30.2 | -2.3 | 1 | 18 | 2183.8 | -134.6 | 19.5 | 304.8 | -40.6 |
| 37TH | 440.00 | 98.0 | -4.6 | 3247 | 1952 | 30.2 | -2.4 | 1 | 18 | 2085.7 | -129.9 | 17.9 | 278.2 | -38.9 |
| 38TH | 452.50 | 97.9 | -4.8 | 3247 | 1952 | 30.2 | -2.5 | 1 | 18 | 1987.8 | -125.1 | 16.3 | 252.7 | -37.1 |
| 39TH | 465.00 | 97.9 | -5.0 | 3247 | 1952 | 30.1 | -2.6 | 1 | 18 | 1889.9 | -120.1 | 14.8 | 228.5 | -35.3 |
| 40TH | 477.50 | 97.8 | -5.2 | 3247 | 1952 | 30.1 | -2.7 | 1 | 19 | 1792.2 | -114.8 | 13.3 | 205.4 | -33.5 |
| MECH | 490.00 | 97.7 | -5.5 | 3247 | 1952 | 30.1 | -2.8 | 1 | 19 | 1694.5 | -109.4 | 11.9 | 183.7 | -31.6 |
| 43RD | 512.00 | 171.9 | -10.1 | 5715 | 3436 | 30.1 | -2.9 | 1 | 19 | 1522.6 | -99.3 | 9.6 | 148.3 | -28.4 |
| 44TH | 524.50 | 97.9 | -6.0 | 3247 | 1952 | 30.2 | -3.1 | 1 | 19 | 1424.7 | -93.3 | 8.4 | 129.8 | -26.5 |
| 45TH | 537.00 | 98.1 | -6.2 | 3247 | 1952 | 30.2 | -3.2 | 1 | 19 | 1326.6 | -87.1 | 7.3 | 112.7 | -24.6 |
| 46TH | 549.50 | 98.3 | -6.3 | 3247 | 1952 | 30.3 | -3.3 | 1 | 19 | 1228.3 | -80.8 | 6.2 | 96.7 | -22.7 |
| 47TH | 562.00 | 98.4 | -6.5 | 3247 | 1952 | 30.3 | -3.3 | 1 | 19 | 1129.9 | -74.3 | 5.2 | 81.9 | -20.8 |
| 48TH | 574.50 | 98.6 | -6.7 | 3247 | 1952 | 30.4 | -3.4 | 1 | 19 | 1031.3 | -67.6 | 4.4 | 68.4 | -18.9 |
| 49TH | 587.00 | 98.8 | -6.9 | 3247 | 1952 | 30.4 | -3.5 | 1 | 20 | 932.5 | -60.7 | 3.6 | 56.2 | -16.9 |
| 50TH | 599.50 | 98.6 | -6.8 | 3247 | 1952 | 30.4 | -3.5 | 1 | 19 | 834.0 | -53.8 | 2.8 | 45.1 | -15.0 |
| 51ST | 612.00 | 98.3 | -6.7 | 3247 | 1952 | 30.3 | -3.4 | 1 | 19 | 735.7 | -47.1 | 2.2 | 35.3 | -13.1 |
| 52ND | 624.50 | 98.0 | -6.6 | 3247 | 1952 | 30.2 | -3.4 | 1 | 19 | 637.6 | -40.5 | 1.7 | 26.7 | -11.3 |
| 53RD | 637.00 | 97.8 | -6.5 | 3247 | 1952 | 30.1 | -3.3 | 1 | 19 | 539.9 | -34.0 | 1.2 | 19.4 | -9.4 |
| | | 97.5 | -6.4 | 3247 | 1952 | 30.0 | -3.3 | 1 | 19 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 97.3 | -6.3 | 3247 | 1952 | 30.0 | -3.2 | 1 | 18 | 442.4 | -27.5 | .8 | 13.2 | -7.6 |
| 55TH | 662.00 | 97.0 | -6.2 | 3247 | 1952 | 29.9 | -3.2 | 1 | 18 | 345.1 | -21.2 | .5 | 8.3 | -5.8 |
| 56TH | 674.50 | 89.8 | -5.5 | 3247 | 2067 | 27.7 | -2.7 | 1 | 17 | 248.1 | -15.0 | .3 | 4.6 | -4.0 |
| 57TH | 687.00 | 80.9 | -4.9 | 3247 | 2039 | 24.9 | -2.4 | 1 | 16 | 158.3 | -9.6 | .1 | 2.1 | -2.5 |
| PARA | 699.50 | 77.4 | -4.7 | 3507 | 2157 | 22.1 | -2.2 | 1 | 15 | 77.4 | -4.7 | .0 | .6 | -1.2 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 250

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|--------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | 86.9 | -19.2 | 4676 | 2811 | 18.6 | -6.8 | 3 | 12 | 4649.5 | -247.8 | 111.4 | 1722.9 | -117.3 |
| 2ND | 18.00 | 61.2 | -9.8 | 3247 | 1952 | 18.8 | -5.0 | 2 | 11 | 4562.6 | -228.7 | 107.1 | 1640.0 | -116.2 |
| 3RD | 30.50 | 56.7 | -7.0 | 3247 | 1952 | 17.4 | -3.6 | 2 | 13 | 4501.4 | -218.9 | 104.3 | 1583.4 | -115.5 |
| 4TH | 43.00 | 103.4 | -7.1 | 5715 | 3436 | 18.1 | -2.1 | 1 | 15 | 4444.8 | -211.8 | 101.6 | 1527.5 | -114.7 |
| 6TH | 65.00 | 62.5 | -3.0 | 3247 | 1952 | 19.2 | -1.5 | 1 | 17 | 4341.4 | -204.8 | 97.0 | 1430.8 | -113.2 |
| 7TH | 77.50 | 65.3 | -2.2 | 3247 | 1952 | 20.1 | -1.1 | 1 | 18 | 4279.0 | -201.8 | 94.5 | 1376.9 | -112.2 |
| 8TH | 90.00 | 68.0 | -1.4 | 3247 | 1952 | 20.9 | -.7 | 0 | 20 | 4213.7 | -199.6 | 92.0 | 1323.9 | -111.0 |
| 9TH | 102.50 | 70.6 | -.7 | 3247 | 1952 | 21.8 | -.3 | 0 | 21 | 4145.7 | -198.2 | 89.5 | 1271.6 | -109.6 |
| 10TH | 115.00 | 73.3 | .1 | 3247 | 1952 | 22.6 | .0 | -0 | 22 | 4075.1 | -197.5 | 87.0 | 1220.2 | -108.1 |
| 11TH | 127.50 | 76.0 | .8 | 3247 | 1952 | 23.4 | .4 | -0 | 23 | 4001.8 | -197.6 | 84.5 | 1169.8 | -106.5 |
| 12TH | 140.00 | 78.1 | 1.3 | 3247 | 1952 | 24.0 | .7 | -0 | 24 | 3925.8 | -198.4 | 82.1 | 1120.2 | -104.7 |
| 14TH | 152.50 | 79.4 | 1.3 | 3247 | 1952 | 24.5 | .7 | -0 | 24 | 3847.7 | -199.7 | 79.6 | 1071.6 | -102.9 |
| 15TH | 165.00 | 80.8 | 1.4 | 3247 | 1952 | 24.9 | .7 | -0 | 25 | 3768.3 | -201.1 | 77.1 | 1024.0 | -100.9 |
| 16TH | 177.50 | 82.2 | 1.4 | 3247 | 1952 | 25.3 | .7 | -0 | 25 | 3687.5 | -202.4 | 74.5 | 977.4 | -98.9 |
| 17TH | 190.00 | 83.5 | 1.5 | 3247 | 1952 | 25.7 | .7 | -0 | 25 | 3605.3 | -203.8 | 72.0 | 931.8 | -96.9 |
| 18TH | 202.50 | 84.9 | 1.5 | 3247 | 1952 | 26.1 | .8 | -0 | 25 | 3521.8 | -205.3 | 69.5 | 887.3 | -94.8 |
| 19TH | 215.00 | 86.3 | 1.5 | 3247 | 1952 | 26.6 | .8 | -0 | 25 | 3436.9 | -206.8 | 66.9 | 843.8 | -92.7 |
| 20TH | 227.50 | 87.2 | 1.4 | 3247 | 1952 | 26.9 | .7 | -0 | 25 | 3350.6 | -208.4 | 64.3 | 801.4 | -90.5 |
| 21ST | 240.00 | 87.4 | .9 | 3247 | 1952 | 26.9 | .5 | -0 | 26 | 3263.4 | -209.8 | 61.7 | 760.0 | -88.3 |
| 22ND | 252.50 | 87.7 | .4 | 3247 | 1952 | 27.0 | .2 | -0 | 26 | 3176.0 | -210.7 | 59.0 | 719.8 | -86.0 |
| 23RD | 265.00 | 87.9 | -.0 | 3247 | 1952 | 27.1 | -.0 | 0 | 26 | 3088.3 | -211.1 | 56.4 | 680.7 | -83.8 |
| 24TH | 277.50 | 88.1 | -.5 | 3247 | 1952 | 27.1 | -.3 | 0 | 26 | 3000.4 | -211.1 | 53.8 | 642.6 | -81.5 |
| 25TH | 290.00 | 88.4 | -1.0 | 3247 | 1952 | 27.2 | -.5 | 0 | 26 | 2912.2 | -210.5 | 51.1 | 605.6 | -79.3 |
| 26TH | 302.50 | 88.6 | -1.5 | 3247 | 1952 | 27.3 | -.8 | 0 | 26 | 2823.8 | -209.5 | 48.5 | 569.8 | -77.0 |
| 27TH | 315.00 | 88.7 | -2.0 | 3247 | 1952 | 27.3 | -1.0 | 1 | 26 | 2735.2 | -208.0 | 45.9 | 535.0 | -74.7 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 250 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | 88.3 | -2.5 | 3247 | 1952 | 27.2 | -1.3 | 1 | 26 | 2646.5 | -206.0 | 43.3 | 501.4 | -72.5 |
| 29TH | 340.00 | 87.9 | -3.1 | 3247 | 1952 | 27.1 | -1.6 | 1 | 26 | 2558.2 | -203.5 | 40.7 | 468.9 | -70.2 |
| 30TH | 352.50 | 87.5 | -3.6 | 3247 | 1952 | 27.0 | -1.9 | 1 | 26 | 2470.3 | -200.4 | 38.2 | 437.5 | -67.9 |
| 31ST | 365.00 | 87.2 | -4.2 | 3247 | 1952 | 26.8 | -2.1 | 1 | 26 | 2382.7 | -196.8 | 35.7 | 407.1 | -65.6 |
| 32ND | 377.50 | 86.8 | -4.7 | 3247 | 1952 | 26.7 | -2.4 | 1 | 26 | 2295.6 | -192.6 | 33.3 | 377.9 | -63.4 |
| 33RD | 390.00 | 86.4 | -5.2 | 3247 | 1952 | 26.6 | -2.7 | 2 | 26 | 2208.8 | -187.9 | 30.9 | 349.7 | -61.1 |
| 34TH | 402.50 | 86.1 | -5.7 | 3247 | 1952 | 26.5 | -2.9 | 2 | 26 | 2122.4 | -182.7 | 28.6 | 322.7 | -58.8 |
| 35TH | 415.00 | 86.2 | -5.9 | 3247 | 1952 | 26.6 | -3.0 | 2 | 26 | 2036.3 | -177.0 | 26.4 | 296.7 | -56.6 |
| 36TH | 427.50 | 86.6 | -6.2 | 3247 | 1952 | 26.7 | -3.2 | 2 | 27 | 1950.0 | -171.1 | 24.2 | 271.8 | -54.3 |
| 37TH | 440.00 | 86.9 | -6.4 | 3247 | 1952 | 26.8 | -3.3 | 2 | 27 | 1863.4 | -164.9 | 22.1 | 247.9 | -52.0 |
| 38TH | 452.50 | 87.3 | -6.7 | 3247 | 1952 | 26.9 | -3.4 | 2 | 27 | 1776.5 | -158.5 | 20.1 | 225.2 | -49.6 |
| 39TH | 465.00 | 87.6 | -6.9 | 3247 | 1952 | 27.0 | -3.6 | 2 | 27 | 1689.2 | -151.8 | 18.1 | 203.5 | -47.3 |
| 40TH | 477.50 | 88.0 | -7.2 | 3247 | 1952 | 27.1 | -3.7 | 2 | 27 | 1601.6 | -144.8 | 16.3 | 182.9 | -44.9 |
| MECH | 490.00 | 155.3 | -13.3 | 5715 | 3436 | 27.2 | -3.9 | 2 | 27 | 1513.6 | -137.6 | 14.5 | 163.5 | -42.5 |
| 43RD | 512.00 | 88.3 | -7.9 | 3247 | 1952 | 27.2 | -4.0 | 2 | 28 | 1358.3 | -124.4 | 11.6 | 131.9 | -38.2 |
| 44TH | 524.50 | 88.3 | -8.1 | 3247 | 1952 | 27.2 | -4.1 | 3 | 28 | 1270.0 | -116.5 | 10.1 | 115.5 | -35.7 |
| 45TH | 537.00 | 88.4 | -8.3 | 3247 | 1952 | 27.2 | -4.3 | 3 | 28 | 1181.7 | -108.4 | 8.7 | 100.1 | -33.2 |
| 46TH | 549.50 | 88.4 | -8.6 | 3247 | 1952 | 27.2 | -4.4 | 3 | 28 | 1093.3 | -100.1 | 7.4 | 85.9 | -30.7 |
| 47TH | 562.00 | 88.4 | -8.8 | 3247 | 1952 | 27.2 | -4.5 | 3 | 28 | 1004.9 | -91.5 | 6.2 | 72.8 | -28.2 |
| 48TH | 574.50 | 88.4 | -9.0 | 3247 | 1952 | 27.2 | -4.6 | 3 | 29 | 916.5 | -82.7 | 5.1 | 60.8 | -25.6 |
| 49TH | 587.00 | 88.1 | -8.9 | 3247 | 1952 | 27.1 | -4.5 | 3 | 29 | 828.1 | -73.7 | 4.1 | 49.9 | -23.1 |
| 50TH | 599.50 | 87.6 | -8.7 | 3247 | 1952 | 27.0 | -4.4 | 3 | 29 | 740.0 | -64.8 | 3.3 | 40.1 | -20.5 |
| 51ST | 612.00 | 87.1 | -8.4 | 3247 | 1952 | 26.8 | -4.3 | 3 | 28 | 652.4 | -56.2 | 2.5 | 31.4 | -18.0 |
| 52ND | 624.50 | 86.7 | -8.2 | 3247 | 1952 | 26.7 | -4.2 | 3 | 28 | 565.3 | -47.7 | 1.9 | 23.8 | -15.5 |
| 53RD | 637.00 | 86.2 | -8.0 | 3247 | 1952 | 26.5 | -4.1 | 3 | 28 | 478.7 | -39.5 | 1.3 | 17.2 | -13.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS)
 WIND DIRECTION 250 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
 REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 85.7 | -7.8 | 3247 | 1952 | 26.4 | -4.0 | 3 | 28 | 392.5 | -31.5 | .9 | 11.8 | -10.6 |
| 55TH | 662.00 | 85.3 | -7.5 | 3247 | 1952 | 26.3 | -3.9 | 2 | 28 | 306.7 | -23.8 | .5 | 7.4 | -8.1 |
| 56TH | 674.50 | 79.2 | -6.3 | 3247 | 2067 | 24.4 | -3.1 | 2 | 26 | 221.5 | -16.2 | .3 | 4.1 | -5.7 |
| 57TH | 687.00 | 72.0 | -5.3 | 3247 | 2039 | 22.2 | -2.6 | 2 | 26 | 142.2 | -9.9 | .1 | 1.9 | -3.6 |
| PARA | 699.50 | 70.2 | -4.6 | 3507 | 2157 | 20.0 | -2.2 | 2 | 25 | 70.2 | -4.6 | .0 | .5 | -1.7 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|--------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 4012.9 | -15.3 | 11.7 | 1522.2 | -153.3 |
| 2ND | 18.00 | 65.0 | -15.2 | 4676 | 2811 | 13.9 | -5.4 | 5 | 21 | 3947.9 | -0.0 | 11.5 | 1450.6 | -151.9 |
| 3RD | 30.50 | 46.3 | -7.4 | 3247 | 1952 | 14.3 | -3.8 | 3 | 18 | 3901.5 | 7.3 | 11.6 | 1401.5 | -151.0 |
| 4TH | 43.00 | 42.9 | -4.8 | 3247 | 1952 | 13.2 | -2.5 | 2 | 21 | 3858.6 | 12.2 | 11.7 | 1353.0 | -150.1 |
| 6TH | 65.00 | 81.9 | -3.5 | 5715 | 3436 | 14.3 | -1.0 | 1 | 23 | 3776.7 | 15.6 | 12.0 | 1269.0 | -148.2 |
| 7TH | 77.50 | 50.4 | -1.2 | 3247 | 1952 | 15.5 | -0.6 | 1 | 26 | 3726.3 | 16.8 | 12.2 | 1222.1 | -146.9 |
| 8TH | 90.00 | 52.8 | -0.6 | 3247 | 1952 | 16.3 | -0.3 | 0 | 28 | 3673.5 | 17.5 | 12.4 | 1175.9 | -145.4 |
| 9TH | 102.50 | 55.0 | -0.0 | 3247 | 1952 | 16.9 | -0.0 | 0 | 30 | 3618.5 | 17.5 | 12.7 | 1130.3 | -143.7 |
| 10TH | 115.00 | 57.1 | 0.5 | 3247 | 1952 | 17.6 | 0.3 | -0 | 32 | 3561.3 | 17.0 | 12.9 | 1085.4 | -141.9 |
| 11TH | 127.50 | 59.3 | 1.1 | 3247 | 1952 | 18.3 | 0.6 | -1 | 34 | 3502.0 | 15.9 | 13.1 | 1041.3 | -139.9 |
| 12TH | 140.00 | 61.5 | 1.7 | 3247 | 1952 | 18.9 | 0.9 | -1 | 35 | 3440.5 | 14.2 | 13.3 | 997.9 | -137.7 |
| 14TH | 152.50 | 63.3 | 2.1 | 3247 | 1952 | 19.5 | 1.1 | -1 | 36 | 3377.2 | 12.1 | 13.4 | 955.3 | -135.4 |
| 15TH | 165.00 | 64.8 | 2.5 | 3247 | 1952 | 20.0 | 1.3 | -1 | 37 | 3312.4 | 9.6 | 13.6 | 913.5 | -133.0 |
| 16TH | 177.50 | 66.3 | 2.8 | 3247 | 1952 | 20.4 | 1.4 | -2 | 37 | 3246.0 | 6.9 | 13.7 | 872.5 | -130.5 |
| 17TH | 190.00 | 67.8 | 3.1 | 3247 | 1952 | 20.9 | 1.6 | -2 | 37 | 3178.2 | 3.7 | 13.7 | 832.3 | -128.0 |
| 18TH | 202.50 | 69.3 | 3.4 | 3247 | 1952 | 21.3 | 1.8 | -2 | 37 | 3108.9 | 0.3 | 13.8 | 793.0 | -125.4 |
| 19TH | 215.00 | 70.8 | 3.8 | 3247 | 1952 | 21.8 | 1.9 | -2 | 38 | 3038.1 | -3.5 | 13.7 | 754.6 | -122.8 |
| 20TH | 227.50 | 72.3 | 4.1 | 3247 | 1952 | 22.3 | 2.1 | -2 | 38 | 2965.8 | -7.6 | 13.7 | 717.1 | -120.0 |
| 21ST | 240.00 | 73.5 | 4.2 | 3247 | 1952 | 22.6 | 2.2 | -2 | 38 | 2892.3 | -11.8 | 13.6 | 680.5 | -117.2 |
| 22ND | 252.50 | 74.0 | 4.0 | 3247 | 1952 | 22.8 | 2.1 | -2 | 38 | 2818.3 | -15.8 | 13.4 | 644.8 | -114.4 |
| 23RD | 265.00 | 74.5 | 3.8 | 3247 | 1952 | 23.0 | 2.0 | -2 | 38 | 2743.8 | -19.7 | 13.2 | 610.0 | -111.5 |
| 24TH | 277.50 | 75.1 | 3.6 | 3247 | 1952 | 23.1 | 1.9 | -2 | 38 | 2668.7 | -23.3 | 12.9 | 576.2 | -108.7 |
| 25TH | 290.00 | 75.6 | 3.4 | 3247 | 1952 | 23.3 | 1.7 | -2 | 39 | 2593.1 | -26.7 | 12.6 | 543.3 | -105.7 |
| 26TH | 302.50 | 76.2 | 3.2 | 3247 | 1952 | 23.5 | 1.6 | -2 | 39 | 2516.9 | -29.9 | 12.2 | 511.4 | -102.8 |
| 27TH | 315.00 | 76.7 | 3.0 | 3247 | 1952 | 23.6 | 1.5 | -2 | 39 | 2440.2 | -32.9 | 11.8 | 480.4 | -99.8 |
| | | 77.1 | 2.8 | 3247 | 1952 | 23.7 | 1.4 | -1 | 39 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 77.1 | 2.4 | 3247 | 1952 | 23.7 | 1.2 | -1 | 39 | 2363.1 | -35.6 | 11.4 | 450.4 | -96.8 |
| 29TH | 340.00 | 77.1 | 2.1 | 3247 | 1952 | 23.7 | 1.1 | -1 | 39 | 2286.0 | -38.1 | 10.9 | 421.3 | -93.8 |
| 30TH | 352.50 | 77.1 | 1.8 | 3247 | 1952 | 23.7 | .9 | -1 | 39 | 2208.9 | -40.1 | 10.5 | 393.2 | -90.7 |
| 31ST | 365.00 | 77.1 | 1.4 | 3247 | 1952 | 23.7 | .7 | -1 | 39 | 2131.8 | -41.9 | 9.9 | 366.1 | -87.7 |
| 32ND | 377.50 | 77.0 | 1.1 | 3247 | 1952 | 23.7 | .6 | -1 | 40 | 2054.8 | -43.3 | 9.4 | 339.9 | -84.7 |
| 33RD | 390.00 | 77.0 | .7 | 3247 | 1952 | 23.7 | .4 | -0 | 40 | 1977.7 | -44.4 | 8.9 | 314.7 | -81.6 |
| 34TH | 402.50 | 77.0 | .4 | 3247 | 1952 | 23.7 | .2 | -0 | 40 | 1900.7 | -45.1 | 8.3 | 290.5 | -78.6 |
| 35TH | 415.00 | 77.1 | .1 | 3247 | 1952 | 23.8 | .1 | -0 | 40 | 1823.7 | -45.6 | 7.7 | 267.2 | -75.5 |
| 36TH | 427.50 | 77.2 | -.1 | 3247 | 1952 | 23.8 | -.1 | 0 | 40 | 1746.5 | -45.7 | 7.2 | 244.9 | -72.4 |
| 37TH | 440.00 | 77.3 | -.4 | 3247 | 1952 | 23.8 | -.2 | 0 | 40 | 1669.3 | -45.6 | 6.6 | 223.5 | -69.4 |
| 38TH | 452.50 | 77.3 | -.7 | 3247 | 1952 | 23.8 | -.4 | 0 | 40 | 1592.1 | -45.1 | 6.0 | 203.2 | -66.2 |
| 39TH | 465.00 | 77.4 | -1.0 | 3247 | 1952 | 23.8 | -.5 | 1 | 41 | 1514.7 | -44.4 | 5.5 | 183.7 | -63.1 |
| 40TH | 477.50 | 77.5 | -1.3 | 3247 | 1952 | 23.9 | -.7 | 1 | 41 | 1437.3 | -43.4 | 4.9 | 165.3 | -60.0 |
| MECH | 490.00 | 136.7 | -2.9 | 5715 | 3436 | 23.9 | -.9 | 1 | 41 | 1359.8 | -42.1 | 4.4 | 147.8 | -56.8 |
| 43RD | 512.00 | 78.1 | -2.0 | 3247 | 1952 | 24.0 | -1.0 | 1 | 41 | 1223.1 | -39.1 | 3.5 | 119.4 | -51.2 |
| 44TH | 524.50 | 78.3 | -2.3 | 3247 | 1952 | 24.1 | -1.2 | 1 | 41 | 1145.0 | -37.1 | 3.0 | 104.6 | -48.0 |
| 45TH | 537.00 | 78.6 | -2.5 | 3247 | 1952 | 24.2 | -1.3 | 1 | 42 | 1066.7 | -34.8 | 2.6 | 90.8 | -44.8 |
| 46TH | 549.50 | 78.9 | -2.8 | 3247 | 1952 | 24.3 | -1.4 | 1 | 42 | 988.1 | -32.3 | 2.1 | 77.9 | -41.5 |
| 47TH | 562.00 | 79.2 | -3.1 | 3247 | 1952 | 24.4 | -1.6 | 2 | 42 | 909.2 | -29.5 | 1.8 | 66.1 | -38.2 |
| 48TH | 574.50 | 79.4 | -3.3 | 3247 | 1952 | 24.5 | -1.7 | 2 | 42 | 830.0 | -26.4 | 1.4 | 55.2 | -34.9 |
| 49TH | 587.00 | 79.3 | -3.3 | 3247 | 1952 | 24.4 | -1.7 | 2 | 42 | 750.5 | -23.1 | 1.1 | 45.3 | -31.5 |
| 50TH | 599.50 | 79.0 | -3.2 | 3247 | 1952 | 24.3 | -1.6 | 2 | 42 | 671.3 | -19.8 | .8 | 36.4 | -28.2 |
| 51ST | 612.00 | 78.7 | -3.1 | 3247 | 1952 | 24.2 | -1.6 | 2 | 42 | 592.3 | -16.6 | .6 | 28.5 | -24.8 |
| 52ND | 624.50 | 78.4 | -3.0 | 3247 | 1952 | 24.2 | -1.5 | 2 | 42 | 513.6 | -13.6 | .4 | 21.6 | -21.5 |
| 53RD | 637.00 | 78.1 | -2.9 | 3247 | 1952 | 24.1 | -1.5 | 2 | 42 | 435.2 | -10.6 | .3 | 15.7 | -18.2 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-----------------|------|-------------------------|------|----------------|------|-----------------------------|----|------------------|------|-----------------------|------|-------|
| WIND DIRECTION 260 | | CONFIGURATION A | | RELIANCE CENTER, DENVER | | FEB 23, 1982 | | REFERENCE PRESSURE 22.0 PSF | | GUST FACTOR 1.32 | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | 77.9 | -2.8 | 3247 | 1952 | 24.0 | -1.4 | 1 | 42 | 357.1 | -7.7 | .1 | 10.7 | -14.9 |
| 55TH | 662.00 | 77.6 | -2.6 | 3247 | 1952 | 23.9 | -1.4 | 1 | 42 | 279.2 | -5.0 | .1 | 6.8 | -11.6 |
| 56TH | 674.50 | 72.1 | -1.5 | 3247 | 2067 | 22.2 | -.7 | 1 | 41 | 201.6 | -2.3 | .0 | 3.8 | -8.3 |
| 57TH | 687.00 | 65.5 | -.9 | 3247 | 2039 | 20.2 | -.4 | 1 | 41 | 129.5 | -.8 | .0 | 1.7 | -5.4 |
| PARA | 699.50 | 64.0 | .0 | 3507 | 2157 | 18.3 | .0 | -0 | 41 | 64.0 | .0 | -.0 | .5 | -2.6 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

WIND DIRECTION 270

CONFIGURATION A

REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|-------|-----------------------|--------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 2776.9 | 46.0 | -65.3 | 1070.7 | -165.2 |
| 2ND | 18.00 | 44.1 | -19.5 | 4676 | 2811 | 9.4 | -6.9 | 9 | 21 | 2732.9 | 65.5 | -64.3 | 1021.1 | -164.1 |
| | | 31.7 | -11.1 | 3247 | 1952 | 9.8 | -5.7 | 6 | 19 | | | | | |
| 4TH | 43.00 | 28.1 | -9.1 | 3247 | 1952 | 8.6 | -4.7 | 8 | 24 | 2673.1 | 85.8 | -62.4 | 953.6 | -162.7 |
| | | 57.2 | -12.0 | 5715 | 3436 | 10.0 | -3.5 | 5 | 26 | 2615.9 | 97.7 | -60.4 | 895.4 | -161.1 |
| 6TH | 65.00 | 35.1 | -6.2 | 3247 | 1952 | 10.8 | -3.2 | 5 | 31 | 2580.8 | 103.9 | -59.1 | 862.9 | -160.0 |
| 7TH | 77.50 | 36.5 | -5.7 | 3247 | 1952 | 11.2 | -2.9 | 5 | 35 | 2544.2 | 109.7 | -57.8 | 830.9 | -158.7 |
| 8TH | 90.00 | 37.8 | -5.3 | 3247 | 1952 | 11.6 | -2.7 | 5 | 38 | 2506.4 | 115.0 | -56.4 | 799.3 | -157.2 |
| 9TH | 102.50 | 39.1 | -4.8 | 3247 | 1952 | 12.0 | -2.5 | 5 | 41 | 2467.3 | 119.8 | -54.9 | 768.2 | -155.6 |
| 10TH | 115.00 | 40.4 | -4.4 | 3247 | 1952 | 12.4 | -2.3 | 5 | 43 | 2426.9 | 124.2 | -53.4 | 737.6 | -153.8 |
| 11TH | 127.50 | 41.7 | -3.9 | 3247 | 1952 | 12.8 | -2.0 | 4 | 46 | 2385.2 | 128.1 | -51.8 | 707.6 | -151.9 |
| 12TH | 140.00 | 42.7 | -3.5 | 3247 | 1952 | 13.2 | -1.8 | 4 | 48 | 2342.5 | 131.6 | -50.2 | 678.0 | -149.8 |
| 14TH | 152.50 | 43.3 | -3.0 | 3247 | 1952 | 13.3 | -1.5 | 3 | 49 | 2299.2 | 134.6 | -48.5 | 649.0 | -147.7 |
| 15TH | 165.00 | 44.0 | -2.5 | 3247 | 1952 | 13.5 | -1.3 | 3 | 51 | 2255.2 | 137.0 | -46.8 | 620.5 | -145.4 |
| 16TH | 177.50 | 44.6 | -2.0 | 3247 | 1952 | 13.7 | -1.0 | 2 | 52 | 2210.5 | 139.0 | -45.1 | 592.6 | -143.1 |
| 17TH | 190.00 | 45.3 | -1.5 | 3247 | 1952 | 13.9 | -.7 | 2 | 53 | 2165.3 | 140.5 | -43.3 | 565.3 | -140.7 |
| 18TH | 202.50 | 45.9 | -1.0 | 3247 | 1952 | 14.1 | -.5 | 1 | 54 | 2119.3 | 141.4 | -41.6 | 538.5 | -138.2 |
| 19TH | 215.00 | 46.6 | -.4 | 3247 | 1952 | 14.3 | -.2 | 1 | 56 | 2072.8 | 141.9 | -39.8 | 512.3 | -135.6 |
| 20TH | 227.50 | 47.2 | -.0 | 3247 | 1952 | 14.5 | -.0 | 0 | 57 | 2025.6 | 141.9 | -38.0 | 486.7 | -132.9 |
| 21ST | 240.00 | 47.8 | .2 | 3247 | 1952 | 14.7 | .1 | -0 | 57 | 1977.7 | 141.7 | -36.3 | 461.7 | -130.2 |
| 22ND | 252.50 | 48.5 | .5 | 3247 | 1952 | 14.9 | .3 | -1 | 58 | 1929.2 | 141.2 | -34.5 | 437.3 | -127.4 |
| 23RD | 265.00 | 49.1 | .8 | 3247 | 1952 | 15.1 | .4 | -1 | 59 | 1880.1 | 140.4 | -32.7 | 413.4 | -124.5 |
| 24TH | 277.50 | 49.7 | 1.0 | 3247 | 1952 | 15.3 | .5 | -1 | 60 | 1830.4 | 139.4 | -31.0 | 390.3 | -121.5 |
| 25TH | 290.00 | 50.4 | 1.3 | 3247 | 1952 | 15.5 | .7 | -2 | 60 | 1780.0 | 138.1 | -29.3 | 367.7 | -118.5 |
| 26TH | 302.50 | 51.0 | 1.6 | 3247 | 1952 | 15.7 | .8 | -2 | 61 | 1729.0 | 136.5 | -27.5 | 345.8 | -115.3 |
| 27TH | 315.00 | 51.5 | 1.8 | 3247 | 1952 | 15.9 | .9 | -2 | 62 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 270

RELIANCE CENTER, DENVER
CONFIGURATION A
FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|------|--------------|------|----------------|-----|------------|----|--------------|-------|-----------------------|-------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 51.7 | 2.1 | 3247 | 1952 | 15.9 | 1.1 | -3 | 62 | 1677.5 | 134.7 | -25.8 | 324.5 | -112.2 |
| 29TH | 340.00 | 51.9 | 2.4 | 3247 | 1952 | 16.0 | 1.2 | -3 | 63 | 1625.8 | 132.6 | -24.2 | 303.8 | -108.9 |
| 30TH | 352.50 | 52.0 | 2.6 | 3247 | 1952 | 16.0 | 1.3 | -3 | 63 | 1573.9 | 130.2 | -22.5 | 283.8 | -105.7 |
| 31ST | 365.00 | 52.2 | 2.9 | 3247 | 1952 | 16.1 | 1.5 | -4 | 64 | 1521.9 | 127.6 | -20.9 | 264.5 | -102.4 |
| 32ND | 377.50 | 52.4 | 3.2 | 3247 | 1952 | 16.1 | 1.6 | -4 | 64 | 1469.7 | 124.7 | -19.3 | 245.8 | -99.1 |
| 33RD | 390.00 | 52.5 | 3.4 | 3247 | 1952 | 16.2 | 1.8 | -4 | 64 | 1417.3 | 121.6 | -17.8 | 227.7 | -95.7 |
| 34TH | 402.50 | 52.8 | 3.7 | 3247 | 1952 | 16.3 | 1.9 | -5 | 65 | 1364.8 | 118.1 | -16.3 | 210.3 | -92.3 |
| 35TH | 415.00 | 53.1 | 4.2 | 3247 | 1952 | 16.4 | 2.1 | -5 | 65 | 1312.0 | 114.4 | -14.8 | 193.6 | -88.8 |
| 36TH | 427.50 | 53.5 | 4.6 | 3247 | 1952 | 16.5 | 2.4 | -6 | 65 | 1258.8 | 110.2 | -13.4 | 177.5 | -85.4 |
| 37TH | 440.00 | 53.8 | 5.0 | 3247 | 1952 | 16.6 | 2.6 | -6 | 65 | 1205.3 | 105.6 | -12.1 | 162.1 | -81.8 |
| 38TH | 452.50 | 54.2 | 5.5 | 3247 | 1952 | 16.7 | 2.8 | -7 | 66 | 1151.5 | 100.6 | -10.8 | 147.4 | -78.3 |
| 39TH | 465.00 | 54.5 | 5.9 | 3247 | 1952 | 16.8 | 3.0 | -7 | 66 | 1097.3 | 95.1 | -9.6 | 133.4 | -74.7 |
| 40TH | 477.50 | 54.9 | 6.3 | 3247 | 1952 | 16.9 | 3.2 | -8 | 66 | 1042.8 | 89.2 | -8.4 | 120.0 | -71.1 |
| MECH | 490.00 | 97.6 | 11.5 | 5715 | 3436 | 17.1 | 3.4 | -8 | 66 | 987.9 | 82.9 | -7.4 | 107.3 | -67.4 |
| 43RD | 512.00 | 56.1 | 6.3 | 3247 | 1952 | 17.3 | 3.2 | -8 | 67 | 890.3 | 71.4 | -5.7 | 86.6 | -60.8 |
| 44TH | 524.50 | 56.5 | 6.2 | 3247 | 1952 | 17.4 | 3.2 | -7 | 67 | 834.2 | 65.1 | -4.8 | 75.9 | -57.1 |
| 45TH | 537.00 | 57.0 | 6.0 | 3247 | 1952 | 17.5 | 3.1 | -7 | 67 | 777.7 | 58.9 | -4.0 | 65.8 | -53.2 |
| 46TH | 549.50 | 57.4 | 5.9 | 3247 | 1952 | 17.7 | 3.0 | -7 | 67 | 720.7 | 52.8 | -3.3 | 56.4 | -49.4 |
| 47TH | 562.00 | 57.9 | 5.8 | 3247 | 1952 | 17.8 | 2.9 | -7 | 68 | 663.3 | 46.9 | -2.7 | 47.8 | -45.4 |
| 48TH | 574.50 | 58.3 | 5.6 | 3247 | 1952 | 18.0 | 2.9 | -7 | 68 | 605.4 | 41.2 | -2.2 | 39.8 | -41.5 |
| 49TH | 587.00 | 58.3 | 5.3 | 3247 | 1952 | 18.0 | 2.7 | -6 | 68 | 547.0 | 35.6 | -1.7 | 32.6 | -37.5 |
| 50TH | 599.50 | 58.2 | 5.1 | 3247 | 1952 | 17.9 | 2.6 | -6 | 68 | 488.7 | 30.2 | -1.3 | 26.2 | -33.5 |
| 51ST | 612.00 | 58.1 | 4.8 | 3247 | 1952 | 17.9 | 2.4 | -6 | 67 | 430.5 | 25.2 | -.9 | 20.4 | -29.5 |
| 52ND | 624.50 | 58.0 | 4.5 | 3247 | 1952 | 17.9 | 2.3 | -5 | 67 | 372.4 | 20.4 | -.6 | 15.4 | -25.6 |
| 53RD | 637.00 | 57.9 | 4.2 | 3247 | 1952 | 17.8 | 2.2 | -5 | 67 | 314.4 | 15.9 | -.4 | 11.1 | -21.7 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS ; | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | | | |
|--------------------------------------|--------|-------------------------|-----|--------------|------|-----------------------------|-----|------------|----|------------------|------|-----------------------|-----|-------|
| WIND DIRECTION 270 | | CONFIGURATION A | | | | REFERENCE PRESSURE 22.0 PSF | | | | GUST FACTOR 1.32 | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | 256.5 | 11.7 | -.2 | 7.5 | -17.8 |
| | | 57.8 | 3.9 | 3247 | 1952 | 17.8 | 2.0 | -5 | 67 | 198.7 | 7.7 | -.1 | 4.7 | -13.9 |
| 55TH | 662.00 | | | | | | | | | 141.0 | 4.1 | -.0 | 2.6 | -10.0 |
| | | 57.7 | 3.7 | 3247 | 1952 | 17.8 | 1.9 | -4 | 67 | 88.4 | 1.3 | -.0 | 1.1 | -6.5 |
| 56TH | 674.50 | | | | | | | | | 42.3 | .1 | -.0 | .3 | -3.2 |
| | | 52.6 | 2.7 | 3247 | 2067 | 16.2 | 1.3 | -3 | 67 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57TH | 687.00 | | | | | | | | | | | | | |
| | | 46.1 | 1.2 | 3247 | 2039 | 14.2 | .6 | -2 | 71 | | | | | |
| PARA | 699.50 | | | | | | | | | | | | | |
| | | 42.3 | .1 | 3507 | 2157 | 12.1 | .1 | -0 | 76 | | | | | |
| TOP | 714.67 | | | | | | | | | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|-------|--------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | 39.8 | -17.4 | 4676 | 2811 | 8.3 | -6.2 | 6 | 14 | 1580.5 | -844.0 | 310.1 | 559.6 | -117.6 |
| 2ND | 18.00 | 27.9 | -11.0 | 3247 | 1952 | 8.6 | -5.6 | 4 | 10 | 1541.8 | -826.6 | 295.0 | 531.5 | -116.9 |
| 3RD | 30.50 | 25.9 | -10.1 | 3247 | 1952 | 8.0 | -5.2 | 4 | 10 | 1513.9 | -815.6 | 284.8 | 512.4 | -116.6 |
| 4TH | 43.00 | 52.8 | -16.2 | 5715 | 3436 | 9.2 | -4.7 | 3 | 10 | 1488.1 | -805.4 | 274.6 | 493.7 | -116.3 |
| 6TH | 65.00 | 31.1 | -10.5 | 3247 | 1952 | 9.6 | -5.4 | 5 | 15 | 1435.3 | -789.3 | 257.1 | 461.5 | -115.7 |
| 7TH | 77.50 | 30.9 | -11.5 | 3247 | 1952 | 9.5 | -5.9 | 7 | 18 | 1404.2 | -778.8 | 247.3 | 443.7 | -115.2 |
| 8TH | 90.00 | 30.7 | -12.4 | 3247 | 1952 | 9.5 | -6.4 | 9 | 22 | 1373.3 | -767.3 | 237.6 | 426.4 | -114.6 |
| 9TH | 102.50 | 30.4 | -13.4 | 3247 | 1952 | 9.4 | -6.9 | 11 | 26 | 1342.6 | -754.9 | 228.1 | 409.4 | -113.8 |
| 10TH | 115.00 | 30.2 | -14.4 | 3247 | 1952 | 9.3 | -7.4 | 14 | 29 | 1312.1 | -741.5 | 218.8 | 392.8 | -112.9 |
| 11TH | 127.50 | 30.0 | -15.3 | 3247 | 1952 | 9.2 | -7.8 | 16 | 32 | 1281.9 | -727.1 | 209.6 | 376.6 | -111.8 |
| 12TH | 140.00 | 29.6 | -15.9 | 3247 | 1952 | 9.1 | -8.1 | 19 | 35 | 1252.0 | -711.8 | 200.6 | 360.8 | -110.6 |
| 14TH | 152.50 | 29.1 | -15.9 | 3247 | 1952 | 9.0 | -8.2 | 20 | 37 | 1222.4 | -695.9 | 191.8 | 345.3 | -109.2 |
| 15TH | 165.00 | 28.5 | -16.0 | 3247 | 1952 | 8.8 | -8.2 | 22 | 39 | 1193.3 | -680.0 | 183.2 | 330.2 | -107.9 |
| 16TH | 177.50 | 28.0 | -16.1 | 3247 | 1952 | 8.6 | -8.2 | 23 | 41 | 1164.7 | -664.0 | 174.8 | 315.5 | -106.4 |
| 17TH | 190.00 | 27.5 | -16.1 | 3247 | 1952 | 8.5 | -8.3 | 25 | 43 | 1136.7 | -648.0 | 166.6 | 301.1 | -104.9 |
| 18TH | 202.50 | 27.0 | -16.2 | 3247 | 1952 | 8.3 | -8.3 | 27 | 45 | 1109.2 | -631.8 | 158.6 | 287.1 | -103.3 |
| 19TH | 215.00 | 26.4 | -16.2 | 3247 | 1952 | 8.1 | -8.3 | 29 | 47 | 1082.2 | -615.7 | 150.8 | 273.4 | -101.6 |
| 20TH | 227.50 | 26.1 | -16.3 | 3247 | 1952 | 8.0 | -8.3 | 31 | 49 | 1055.8 | -599.4 | 143.2 | 260.0 | -99.9 |
| 21ST | 240.00 | 26.0 | -16.2 | 3247 | 1952 | 8.0 | -8.3 | 32 | 51 | 1029.7 | -583.2 | 135.8 | 247.0 | -98.1 |
| 22ND | 252.50 | 26.0 | -16.2 | 3247 | 1952 | 8.0 | -8.3 | 33 | 53 | 1003.7 | -566.9 | 128.6 | 234.2 | -96.3 |
| 23RD | 265.00 | 25.9 | -16.2 | 3247 | 1952 | 8.0 | -8.3 | 34 | 55 | 977.7 | -550.7 | 121.6 | 221.9 | -94.4 |
| 24TH | 277.50 | 25.9 | -16.2 | 3247 | 1952 | 8.0 | -8.3 | 35 | 57 | 951.8 | -534.5 | 114.9 | 209.8 | -92.4 |
| 25TH | 290.00 | 25.8 | -16.2 | 3247 | 1952 | 8.0 | -8.3 | 37 | 58 | 925.9 | -518.4 | 108.3 | 198.1 | -90.4 |
| 26TH | 302.50 | 25.8 | -16.1 | 3247 | 1952 | 7.9 | -8.3 | 38 | 60 | 900.1 | -502.2 | 101.9 | 186.7 | -88.3 |
| 27TH | 315.00 | 25.8 | -16.1 | 3247 | 1952 | 7.9 | -8.2 | 39 | 62 | 874.3 | -486.1 | 95.7 | 175.6 | -86.1 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|--------|-----------------------|-------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 25.9 | -16.0 | 3247 | 1952 | 8.0 | -8.2 | 39 | 63 | 848.6 | -470.0 | 89.7 | 164.8 | -83.9 |
| 29TH | 340.00 | 26.1 | -15.9 | 3247 | 1952 | 8.0 | -8.1 | 39 | 65 | 822.7 | -454.0 | 84.0 | 154.4 | -81.6 |
| 30TH | 352.50 | 26.2 | -15.8 | 3247 | 1952 | 8.1 | -8.1 | 40 | 66 | 796.6 | -438.1 | 78.4 | 144.2 | -79.3 |
| 31ST | 365.00 | 26.4 | -15.7 | 3247 | 1952 | 8.1 | -8.0 | 40 | 67 | 770.3 | -422.3 | 73.0 | 134.4 | -76.9 |
| 32ND | 377.50 | 26.6 | -15.6 | 3247 | 1952 | 8.2 | -8.0 | 40 | 69 | 743.9 | -406.6 | 67.8 | 125.0 | -74.5 |
| 33RD | 390.00 | 26.7 | -15.5 | 3247 | 1952 | 8.2 | -7.9 | 41 | 70 | 717.4 | -391.0 | 62.9 | 115.8 | -72.1 |
| 34TH | 402.50 | 26.8 | -15.4 | 3247 | 1952 | 8.3 | -7.9 | 41 | 72 | 690.7 | -375.5 | 58.1 | 107.0 | -69.6 |
| 35TH | 415.00 | 26.8 | -15.2 | 3247 | 1952 | 8.3 | -7.8 | 42 | 73 | 663.8 | -360.1 | 53.5 | 98.6 | -67.0 |
| 36TH | 427.50 | 26.9 | -15.1 | 3247 | 1952 | 8.3 | -7.7 | 42 | 75 | 637.0 | -344.9 | 49.1 | 90.4 | -64.4 |
| 37TH | 440.00 | 27.0 | -15.0 | 3247 | 1952 | 8.3 | -7.7 | 42 | 76 | 610.1 | -329.8 | 44.8 | 82.7 | -61.8 |
| 38TH | 452.50 | 27.2 | -14.8 | 3247 | 1952 | 8.4 | -7.6 | 42 | 77 | 583.0 | -314.8 | 40.8 | 75.2 | -59.1 |
| 39TH | 465.00 | 27.3 | -14.7 | 3247 | 1952 | 8.4 | -7.5 | 42 | 78 | 555.9 | -300.0 | 37.0 | 68.1 | -56.4 |
| 40TH | 477.50 | 27.4 | -14.5 | 3247 | 1952 | 8.4 | -7.5 | 42 | 80 | 528.6 | -285.3 | 33.3 | 61.3 | -53.6 |
| MECH | 490.00 | 48.6 | -25.7 | 5715 | 3436 | 8.5 | -7.5 | 43 | 80 | 501.2 | -270.8 | 29.8 | 54.9 | -50.8 |
| 43RD | 512.00 | 27.9 | -15.0 | 3247 | 1952 | 8.6 | -7.7 | 43 | 80 | 452.6 | -245.1 | 24.2 | 44.4 | -45.8 |
| 44TH | 524.50 | 28.1 | -15.2 | 3247 | 1952 | 8.7 | -7.8 | 43 | 79 | 424.7 | -230.1 | 21.2 | 38.9 | -43.0 |
| 45TH | 537.00 | 28.4 | -15.5 | 3247 | 1952 | 8.7 | -7.9 | 43 | 79 | 396.6 | -214.9 | 18.4 | 33.8 | -40.1 |
| 46TH | 549.50 | 28.6 | -15.7 | 3247 | 1952 | 8.8 | -8.1 | 43 | 78 | 368.2 | -199.4 | 15.8 | 29.0 | -37.2 |
| 47TH | 562.00 | 28.8 | -16.0 | 3247 | 1952 | 8.9 | -8.2 | 43 | 78 | 339.6 | -183.7 | 13.4 | 24.6 | -34.2 |
| 48TH | 574.50 | 28.8 | -16.0 | 3247 | 1952 | 8.9 | -8.2 | 43 | 78 | 310.8 | -167.7 | 11.2 | 20.5 | -31.3 |
| 49TH | 587.00 | 29.0 | -16.2 | 3247 | 1952 | 8.9 | -8.3 | 43 | 78 | 281.8 | -151.5 | 9.2 | 16.8 | -28.3 |
| 50TH | 599.50 | 29.3 | -16.1 | 3247 | 1952 | 9.0 | -8.3 | 43 | 78 | 252.5 | -135.3 | 7.4 | 13.4 | -25.4 |
| 51ST | 612.00 | 29.5 | -16.0 | 3247 | 1952 | 9.1 | -8.2 | 42 | 77 | 222.9 | -119.4 | 5.8 | 10.5 | -22.4 |
| 52ND | 624.50 | 29.8 | -15.8 | 3247 | 1952 | 9.2 | -8.1 | 41 | 77 | 193.1 | -103.6 | 4.5 | 7.9 | -19.5 |
| 53RD | 637.00 | 30.1 | -15.6 | 3247 | 1952 | 9.3 | -8.0 | 40 | 77 | 163.1 | -88.0 | 3.3 | 5.6 | -16.5 |
| | | 30.3 | -15.4 | 3247 | 1952 | 9.3 | -7.9 | 39 | 77 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
 WIND DIRECTION 280
 CONFIGURATION A

RELIANCE CENTER, DENVER
 REFERENCE PRESSURE 22.0 PSF

FEB 23, 1992

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN. (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|-------------|----|--------------|-------|-----------------------|-----|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | 30.6 | -15.2 | 3247 | 1952 | 9.4 | -7.9 | 38 | 77 | 132.7 | -72.6 | 2.3 | 3.8 | -13.6 |
| 55TH | 662.00 | 30.8 | -15.1 | 3247 | 1952 | 9.5 | -7.7 | 38 | 77 | 102.2 | -57.3 | 1.4 | 2.3 | -10.6 |
| 56TH | 674.50 | 28.1 | -14.0 | 3247 | 2067 | 8.7 | -6.8 | 38 | 76 | 71.3 | -42.3 | .8 | 1.2 | -7.7 |
| 57TH | 687.00 | 24.4 | -13.7 | 3247 | 2039 | 7.5 | -6.7 | 43 | 77 | 43.2 | -28.3 | .4 | .5 | -5.0 |
| PARA | 699.50 | 18.8 | -14.6 | 3507 | 2157 | 5.4 | -6.7 | 65 | 84 | 18.8 | -14.6 | .1 | .1 | -2.5 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS : RELIANCE CENTER, DENVER FEB 23, 1982
 WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | 372.9 | -1486.5 | 575.0 | 55.6 | -58.8 |
| 2ND | 18.00 | 23.6 | -25.0 | 4676 | 2811 | 5.0 | -8.9 | -2 | -2 | 349.3 | -1461.5 | 548.5 | 49.1 | -58.9 |
| 3RD | 30.50 | 17.9 | -16.6 | 3247 | 1952 | 5.5 | -8.5 | -6 | -6 | 331.4 | -1444.9 | 530.3 | 44.9 | -59.1 |
| 4TH | 43.00 | 17.4 | -16.0 | 3247 | 1952 | 5.4 | -8.2 | -6 | -7 | 313.9 | -1429.0 | 512.3 | 40.9 | -59.3 |
| 6TH | 65.00 | 38.2 | -27.1 | 5715 | 3436 | 6.7 | -7.9 | -5 | -7 | 275.8 | -1401.8 | 481.2 | 34.4 | -59.7 |
| 6TH | 65.00 | 22.2 | -16.8 | 3247 | 1952 | 6.8 | -8.6 | -3 | -3 | 253.6 | -1385.0 | 463.8 | 31.1 | -59.8 |
| 7TH | 77.50 | 21.7 | -17.8 | 3247 | 1952 | 6.7 | -9.1 | -0 | -0 | 231.9 | -1367.2 | 446.6 | 28.0 | -59.8 |
| 8TH | 90.00 | 21.0 | -18.8 | 3247 | 1952 | 6.5 | -9.6 | 2 | 2 | 210.9 | -1348.4 | 429.6 | 25.3 | -59.7 |
| 9TH | 102.50 | 20.4 | -19.8 | 3247 | 1952 | 6.3 | -10.2 | 5 | 5 | 190.5 | -1328.5 | 412.9 | 22.8 | -59.5 |
| 10TH | 115.00 | 19.7 | -20.9 | 3247 | 1952 | 6.1 | -10.7 | 7 | 7 | 170.8 | -1307.7 | 396.4 | 20.5 | -59.3 |
| 11TH | 127.50 | 19.1 | -21.9 | 3247 | 1952 | 5.9 | -11.2 | 10 | 9 | 151.7 | -1285.8 | 380.2 | 18.5 | -58.9 |
| 12TH | 140.00 | 18.1 | -22.7 | 3247 | 1952 | 5.6 | -11.6 | 13 | 10 | 133.6 | -1263.2 | 364.3 | 16.7 | -58.4 |
| 14TH | 152.50 | 16.8 | -23.2 | 3247 | 1952 | 5.2 | -11.9 | 15 | 11 | 116.8 | -1239.9 | 348.6 | 15.1 | -57.9 |
| 15TH | 165.00 | 15.4 | -23.8 | 3247 | 1952 | 4.7 | -12.2 | 17 | 11 | 101.4 | -1216.2 | 333.3 | 13.8 | -57.3 |
| 16TH | 177.50 | 14.0 | -24.3 | 3247 | 1952 | 4.3 | -12.5 | 20 | 12 | 87.3 | -1191.9 | 318.2 | 12.6 | -56.6 |
| 17TH | 190.00 | 12.7 | -24.9 | 3247 | 1952 | 3.9 | -12.7 | 23 | 12 | 74.7 | -1167.0 | 303.5 | 11.6 | -55.9 |
| 18TH | 202.50 | 11.3 | -25.4 | 3247 | 1952 | 3.5 | -13.0 | 25 | 11 | 63.3 | -1141.6 | 289.0 | 10.7 | -55.2 |
| 19TH | 215.00 | 10.0 | -26.0 | 3247 | 1952 | 3.1 | -13.3 | 28 | 11 | 53.3 | -1115.7 | 274.9 | 10.0 | -54.3 |
| 20TH | 227.50 | 8.8 | -26.4 | 3247 | 1952 | 2.7 | -13.5 | 30 | 10 | 44.6 | -1089.3 | 261.2 | 9.4 | -53.5 |
| 21ST | 240.00 | 7.8 | -26.5 | 3247 | 1952 | 2.4 | -13.6 | 32 | 9 | 36.8 | -1062.7 | 247.7 | 8.9 | -52.5 |
| 22ND | 252.50 | 6.9 | -26.7 | 3247 | 1952 | 2.1 | -13.7 | 34 | 9 | 29.9 | -1036.0 | 234.6 | 8.4 | -51.6 |
| 23RD | 265.00 | 5.9 | -26.9 | 3247 | 1952 | 1.8 | -13.8 | 36 | 8 | 24.0 | -1009.2 | 221.8 | 8.1 | -50.6 |
| 24TH | 277.50 | 4.9 | -27.1 | 3247 | 1952 | 1.5 | -13.9 | 37 | 7 | 19.1 | -982.1 | 209.4 | 7.8 | -49.5 |
| 25TH | 290.00 | 4.0 | -27.2 | 3247 | 1952 | 1.2 | -13.9 | 39 | 6 | 15.1 | -954.9 | 197.3 | 7.6 | -48.4 |
| 26TH | 302.50 | 3.0 | -27.4 | 3247 | 1952 | .9 | -14.0 | 41 | 5 | 12.1 | -927.5 | 185.5 | 7.5 | -47.3 |
| 27TH | 315.00 | 2.2 | -27.6 | 3247 | 1952 | .7 | -14.1 | 42 | 3 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1992
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|-----|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | 1.9 | -27.7 | 3247 | 1952 | .6 | -14.2 | 43 | 3 | 9.8 | -899.9 | 174.1 | 7.3 | -46.1 |
| 29TH | 340.00 | 1.5 | -27.8 | 3247 | 1952 | .5 | -14.3 | 44 | 2 | 8.0 | -872.2 | 163.0 | 7.2 | -44.9 |
| 30TH | 352.50 | 1.1 | -28.0 | 3247 | 1952 | .3 | -14.3 | 45 | 2 | 6.5 | -844.4 | 152.3 | 7.1 | -43.7 |
| 31ST | 365.00 | .7 | -28.1 | 3247 | 1952 | .2 | -14.4 | 47 | 1 | 5.4 | -816.4 | 141.9 | 7.0 | -42.4 |
| 32ND | 377.50 | .4 | -28.3 | 3247 | 1952 | .1 | -14.5 | 48 | 1 | 4.6 | -788.3 | 131.8 | 7.0 | -41.1 |
| 33RD | 390.00 | .0 | -28.4 | 3247 | 1952 | .0 | -14.6 | 49 | 0 | 4.3 | -760.0 | 122.2 | 6.9 | -39.8 |
| 34TH | 402.50 | -.4 | -28.6 | 3247 | 1952 | -.1 | -14.6 | 50 | -1 | 4.2 | -731.6 | 112.9 | 6.9 | -38.4 |
| 35TH | 415.00 | -.9 | -28.7 | 3247 | 1952 | -.3 | -14.7 | 50 | -2 | 4.7 | -703.0 | 103.9 | 6.8 | -37.0 |
| 36TH | 427.50 | -1.4 | -28.9 | 3247 | 1952 | -.4 | -14.8 | 50 | -2 | 5.6 | -674.3 | 95.3 | 6.8 | -35.5 |
| 37TH | 440.00 | -1.9 | -29.0 | 3247 | 1952 | -.6 | -14.9 | 51 | -3 | 7.0 | -645.5 | 87.0 | 6.7 | -34.1 |
| 38TH | 452.50 | -2.4 | -29.2 | 3247 | 1952 | -.7 | -14.9 | 51 | -4 | 8.9 | -616.4 | 79.1 | 6.6 | -32.6 |
| 39TH | 465.00 | -2.8 | -29.3 | 3247 | 1952 | -.9 | -15.0 | 51 | -5 | 11.3 | -587.3 | 71.6 | 6.4 | -31.1 |
| 40TH | 477.50 | -3.3 | -29.5 | 3247 | 1952 | -1.0 | -15.1 | 51 | -6 | 14.1 | -558.0 | 64.5 | 6.3 | -29.6 |
| MECH | 490.00 | -6.2 | -52.3 | 5715 | 3436 | -1.1 | -15.2 | 51 | -6 | 17.4 | -528.5 | 57.7 | 6.1 | -28.1 |
| 43RD | 512.00 | -3.1 | -30.0 | 3247 | 1952 | -1.0 | -15.4 | 51 | -5 | 23.6 | -476.2 | 46.6 | 5.6 | -25.4 |
| 44TH | 524.50 | -2.8 | -30.2 | 3247 | 1952 | -.9 | -15.5 | 51 | -5 | 26.7 | -446.2 | 40.9 | 5.3 | -23.8 |
| 45TH | 537.00 | -2.5 | -30.4 | 3247 | 1952 | -.8 | -15.6 | 51 | -4 | 29.5 | -416.0 | 35.5 | 5.0 | -22.3 |
| 46TH | 549.50 | -2.2 | -30.6 | 3247 | 1952 | -.7 | -15.7 | 51 | -4 | 32.0 | -385.6 | 30.5 | 4.6 | -20.7 |
| 47TH | 562.00 | -2.0 | -30.8 | 3247 | 1952 | -.6 | -15.8 | 51 | -3 | 34.3 | -355.0 | 25.8 | 4.2 | -19.1 |
| 48TH | 574.50 | -1.7 | -31.0 | 3247 | 1952 | -.5 | -15.9 | 51 | -3 | 36.2 | -324.1 | 21.6 | 3.7 | -17.6 |
| 49TH | 587.00 | -.7 | -31.0 | 3247 | 1952 | -.2 | -15.9 | 52 | -1 | 37.9 | -293.1 | 17.7 | 3.3 | -16.0 |
| 50TH | 599.50 | .4 | -30.8 | 3247 | 1952 | .1 | -15.8 | 53 | 1 | 38.6 | -262.1 | 14.3 | 2.8 | -14.4 |
| 51ST | 612.00 | 1.5 | -30.7 | 3247 | 1952 | .5 | -15.7 | 53 | 3 | 38.2 | -231.3 | 11.2 | 2.3 | -12.7 |
| 52ND | 624.50 | 2.6 | -30.6 | 3247 | 1952 | .8 | -15.7 | 54 | 5 | 36.7 | -200.6 | 8.5 | 1.8 | -11.1 |
| 53RD | 637.00 | 3.7 | -30.5 | 3247 | 1952 | 1.1 | -15.6 | 54 | 7 | 34.2 | -170.0 | 6.2 | 1.4 | -9.4 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|--------------------------------------|--------|-------------------------|-------|--------------|------|----------------|-------|-----------------------------|----|------------------|--------|-----------------------|-----|------|
| WIND DIRECTION 290 | | RELIANCE CENTER, DENVER | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | | | |
| | | CONFIGURATION A | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | 4.8 | -30.3 | 3247 | 1952 | 1.5 | -15.5 | 55 | 9 | 30.5 | -139.6 | 4.2 | 1.0 | -7.7 |
| 55TH | 662.00 | 5.9 | -30.2 | 3247 | 1952 | 1.8 | -15.5 | 55 | 11 | 25.7 | -109.2 | 2.7 | .6 | -6.0 |
| 56TH | 674.50 | 7.1 | -27.8 | 3247 | 2067 | 2.2 | -13.4 | 51 | 13 | 19.9 | -79.0 | 1.5 | .4 | -4.3 |
| 57TH | 687.00 | 7.2 | -25.8 | 3247 | 2039 | 2.2 | -12.7 | 51 | 14 | 12.8 | -51.3 | .7 | .2 | -2.8 |
| PARA | 699.50 | 5.7 | -25.4 | 3507 | 2157 | 1.6 | -11.8 | 54 | 12 | 5.7 | -25.4 | .2 | .0 | -1.4 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 300

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|-----|--------------|---------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | | | | | | | | | -1117.9 | -1813.5 | 708.8 | -575.6 | 13.1 |
| 2ND | 18.00 | 15.7 | -29.9 | 4676 | 2811 | 3.3 | -10.6 | -13 | -7 | -1133.6 | -1783.6 | 676.5 | -555.4 | 12.6 |
| 3RD | 30.50 | 11.7 | -20.4 | 3247 | 1952 | 3.6 | -10.4 | -17 | -10 | -1145.3 | -1763.3 | 654.3 | -541.1 | 12.2 |
| 4TH | 43.00 | 10.2 | -20.1 | 3247 | 1952 | 3.2 | -10.3 | -18 | -9 | -1155.5 | -1743.2 | 632.4 | -526.8 | 11.7 |
| 6TH | 65.00 | 22.3 | -35.4 | 5715 | 3436 | 3.9 | -10.3 | -16 | -10 | -1177.8 | -1707.7 | 594.4 | -501.1 | 10.9 |
| 7TH | 77.50 | 12.0 | -20.9 | 3247 | 1952 | 3.7 | -10.7 | -15 | -8 | -1189.8 | -1686.8 | 573.2 | -486.3 | 10.5 |
| 8TH | 90.00 | 11.0 | -21.5 | 3247 | 1952 | 3.4 | -11.0 | -15 | -7 | -1200.8 | -1665.2 | 552.2 | -471.4 | 10.1 |
| 9TH | 102.50 | 10.1 | -22.1 | 3247 | 1952 | 3.1 | -11.3 | -14 | -7 | -1210.9 | -1643.1 | 531.6 | -456.3 | 9.7 |
| 10TH | 115.00 | 9.2 | -22.7 | 3247 | 1952 | 2.8 | -11.6 | -14 | -6 | -1220.1 | -1620.4 | 511.2 | -441.1 | 9.4 |
| 11TH | 127.50 | 8.3 | -23.3 | 3247 | 1952 | 2.5 | -11.9 | -14 | -5 | -1228.3 | -1597.2 | 491.1 | -425.8 | 9.0 |
| 12TH | 140.00 | 7.3 | -23.9 | 3247 | 1952 | 2.3 | -12.2 | -13 | -4 | -1235.7 | -1573.3 | 471.2 | -410.4 | 8.7 |
| 14TH | 152.50 | 5.5 | -24.7 | 3247 | 1952 | 1.7 | -12.6 | -13 | -3 | -1241.2 | -1548.6 | 451.7 | -394.9 | 8.3 |
| 15TH | 165.00 | 2.5 | -25.8 | 3247 | 1952 | .8 | -13.2 | -12 | -1 | -1243.7 | -1522.9 | 432.5 | -379.4 | 8.0 |
| 16TH | 177.50 | -.5 | -26.8 | 3247 | 1952 | -.2 | -13.8 | -12 | 0 | -1243.1 | -1496.0 | 413.7 | -363.8 | 7.7 |
| 17TH | 190.00 | -3.5 | -27.9 | 3247 | 1952 | -1.1 | -14.3 | -10 | 1 | -1239.7 | -1468.1 | 395.1 | -348.3 | 7.4 |
| 18TH | 202.50 | -6.5 | -29.0 | 3247 | 1952 | -2.0 | -14.9 | -9 | 2 | -1233.2 | -1439.1 | 377.0 | -332.9 | 7.1 |
| 19TH | 215.00 | -9.5 | -30.1 | 3247 | 1952 | -2.9 | -15.4 | -8 | 3 | -1223.7 | -1409.0 | 359.2 | -317.5 | 6.9 |
| 20TH | 227.50 | -12.5 | -31.2 | 3247 | 1952 | -3.8 | -16.0 | -7 | 3 | -1211.2 | -1377.8 | 341.8 | -302.3 | 6.6 |
| 21ST | 240.00 | -15.1 | -32.0 | 3247 | 1952 | -4.6 | -16.4 | -7 | 3 | -1196.1 | -1345.8 | 324.7 | -287.2 | 6.3 |
| 22ND | 252.50 | -16.9 | -32.2 | 3247 | 1952 | -5.2 | -16.5 | -6 | 3 | -1179.3 | -1313.6 | 308.1 | -272.4 | 6.1 |
| 23RD | 265.00 | -18.7 | -32.5 | 3247 | 1952 | -5.8 | -16.6 | -6 | 4 | -1160.5 | -1281.1 | 291.9 | -257.8 | 5.8 |
| 24TH | 277.50 | -20.5 | -32.7 | 3247 | 1952 | -6.3 | -16.7 | -6 | 4 | -1140.0 | -1248.4 | 276.1 | -243.4 | 5.5 |
| 25TH | 290.00 | -22.4 | -32.9 | 3247 | 1952 | -6.9 | -16.9 | -6 | 4 | -1117.6 | -1215.5 | 260.7 | -229.3 | 5.2 |
| 26TH | 302.50 | -24.2 | -33.2 | 3247 | 1952 | -7.5 | -17.0 | -6 | 4 | -1093.4 | -1182.3 | 245.7 | -215.5 | 4.9 |
| 27TH | 315.00 | -26.0 | -33.4 | 3247 | 1952 | -8.0 | -17.1 | -6 | 5 | -1067.4 | -1148.9 | 231.1 | -202.0 | 4.6 |
| | | -27.7 | -33.6 | 3247 | 1952 | -8.5 | -17.2 | -6 | 5 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 300 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN. (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|-------------|---|--------------|---------|-----------------------|--------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -20.9 | -33.8 | 3247 | 1952 | -8.9 | -17.3 | -5 | 4 | -1039.6 | -1115.3 | 217.0 | -188.8 | 4.3 |
| 29TH | 340.00 | -30.1 | -34.0 | 3247 | 1952 | -9.3 | -17.4 | -5 | 4 | -1010.7 | -1081.5 | 203.3 | -176.0 | 4.0 |
| 30TH | 352.50 | -31.3 | -34.2 | 3247 | 1952 | -9.6 | -17.5 | -4 | 4 | -980.6 | -1047.5 | 189.9 | -163.5 | 3.7 |
| 31ST | 365.00 | -32.5 | -34.4 | 3247 | 1952 | -10.0 | -17.6 | -4 | 4 | -949.3 | -1013.3 | 177.1 | -151.5 | 3.4 |
| 32ND | 377.50 | -33.7 | -34.6 | 3247 | 1952 | -10.4 | -17.7 | -4 | 4 | -916.8 | -978.9 | 164.6 | -139.8 | 3.1 |
| 33RD | 390.00 | -34.9 | -34.8 | 3247 | 1952 | -10.7 | -17.8 | -3 | 3 | -883.2 | -944.3 | 152.6 | -128.6 | 2.9 |
| 34TH | 402.50 | -36.1 | -35.0 | 3247 | 1952 | -11.1 | -17.9 | -3 | 3 | -848.3 | -909.5 | 141.0 | -117.7 | 2.6 |
| 35TH | 415.00 | -37.1 | -35.2 | 3247 | 1952 | -11.4 | -18.0 | -3 | 3 | -812.2 | -874.5 | 129.9 | -107.4 | 2.4 |
| 36TH | 427.50 | -37.7 | -35.5 | 3247 | 1952 | -11.6 | -18.2 | -3 | 3 | -775.2 | -839.3 | 119.1 | -97.4 | 2.2 |
| 37TH | 440.00 | -38.4 | -35.7 | 3247 | 1952 | -11.8 | -18.3 | -3 | 3 | -737.5 | -803.8 | 108.9 | -88.0 | 2.0 |
| 38TH | 452.50 | -39.1 | -36.0 | 3247 | 1952 | -12.0 | -18.4 | -3 | 3 | -699.1 | -768.1 | 99.1 | -79.0 | 1.7 |
| 39TH | 465.00 | -39.7 | -36.2 | 3247 | 1952 | -12.2 | -18.6 | -3 | 3 | -660.0 | -732.1 | 89.7 | -70.5 | 1.5 |
| 40TH | 477.50 | -40.4 | -36.5 | 3247 | 1952 | -12.4 | -18.7 | -2 | 3 | -620.3 | -695.9 | 80.8 | -62.5 | 1.3 |
| MECH | 490.00 | -71.8 | -64.8 | 5715 | 3436 | -12.6 | -18.8 | -2 | 3 | -579.9 | -659.4 | 72.3 | -55.0 | 1.1 |
| 43RD | 512.00 | -40.5 | -37.1 | 3247 | 1952 | -12.5 | -19.0 | -2 | 2 | -508.0 | -594.7 | 58.5 | -43.0 | .8 |
| 44TH | 524.50 | -40.3 | -37.3 | 3247 | 1952 | -12.4 | -19.1 | -2 | 2 | -467.5 | -557.6 | 51.3 | -36.9 | .6 |
| 45TH | 537.00 | -40.1 | -37.5 | 3247 | 1952 | -12.4 | -19.2 | -2 | 2 | -427.2 | -520.3 | 44.5 | -31.3 | .5 |
| 46TH | 549.50 | -39.9 | -37.7 | 3247 | 1952 | -12.3 | -19.3 | -2 | 2 | -387.1 | -482.8 | 38.3 | -26.3 | .3 |
| 47TH | 562.00 | -39.7 | -37.9 | 3247 | 1952 | -12.2 | -19.4 | -2 | 2 | -347.2 | -445.0 | 32.5 | -21.7 | .2 |
| 48TH | 574.50 | -39.5 | -38.2 | 3247 | 1952 | -12.2 | -19.5 | -2 | 2 | -307.5 | -407.1 | 27.2 | -17.6 | .0 |
| 49TH | 587.00 | -37.7 | -38.3 | 3247 | 1952 | -11.6 | -19.6 | -1 | 1 | -268.0 | -369.0 | 22.3 | -14.0 | -.1 |
| 50TH | 599.50 | -35.5 | -38.4 | 3247 | 1952 | -10.9 | -19.7 | -1 | 1 | -230.3 | -330.7 | 17.9 | -10.9 | -.2 |
| 51ST | 612.00 | -33.4 | -38.5 | 3247 | 1952 | -10.3 | -19.7 | -1 | 1 | -194.8 | -292.3 | 14.0 | -8.2 | -.3 |
| 52ND | 624.50 | -31.3 | -38.7 | 3247 | 1952 | -9.6 | -19.8 | -1 | 0 | -161.4 | -253.7 | 10.6 | -6.0 | -.3 |
| 53RD | 637.00 | -29.1 | -38.8 | 3247 | 1952 | -9.0 | -19.9 | -0 | 0 | -130.1 | -215.0 | 7.7 | -4.2 | -.4 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|---|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|------|-----|
| RELIANCE CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | |
| WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32 | | | | | | | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | -27.0 | -38.9 | 3247 | 1952 | -8.3 | -19.9 | 0 | -0 | -101.0 | -176.2 | 5.2 | -2.7 | -4 |
| 55TH | 662.00 | -24.8 | -39.0 | 3247 | 1952 | -7.6 | -20.0 | 1 | -0 | -74.1 | -137.3 | 3.3 | -1.6 | -4 |
| 56TH | 674.50 | -20.5 | -35.8 | 3247 | 2067 | -6.3 | -17.3 | 0 | -0 | -49.2 | -98.3 | 1.8 | -.8 | -3 |
| 57TH | 687.00 | -15.5 | -32.0 | 3247 | 2039 | -4.8 | -15.7 | 3 | -1 | -28.7 | -62.4 | .8 | -.4 | -3 |
| PARA | 699.50 | -13.2 | -30.4 | 3507 | 2157 | -3.8 | -14.1 | 6 | -3 | -13.2 | -30.4 | .2 | -.1 | -2 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 310

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|---------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -1.0 | -26.5 | 4676 | 2811 | -.2 | -9.4 | -23 | 1 | -2221.6 | -1601.7 | 638.7 | -1042.1 | 96.2 |
| 2ND | 18.00 | .3 | -17.9 | 3247 | 1952 | .1 | -9.2 | -30 | -1 | -2220.6 | -1575.2 | 610.1 | -1002.1 | 95.5 |
| 3RD | 30.50 | -.5 | -17.6 | 3247 | 1952 | -.2 | -9.0 | -31 | 1 | -2220.9 | -1557.3 | 590.5 | -974.4 | 95.0 |
| 4TH | 43.00 | .9 | -30.7 | 5715 | 3436 | .2 | -8.9 | -33 | -1 | -2220.4 | -1539.7 | 571.1 | -946.6 | 94.5 |
| 6TH | 65.00 | .2 | -18.0 | 3247 | 1952 | .1 | -9.2 | -35 | -0 | -2221.3 | -1509.0 | 537.6 | -897.8 | 93.5 |
| 7TH | 77.50 | -.1 | -18.3 | 3247 | 1952 | -.0 | -9.4 | -38 | 0 | -2221.5 | -1491.1 | 518.9 | -870.0 | 92.8 |
| 8TH | 90.00 | -.4 | -18.7 | 3247 | 1952 | -.1 | -9.6 | -41 | 1 | -2221.4 | -1472.7 | 500.3 | -842.2 | 92.1 |
| 9TH | 102.50 | -.6 | -19.1 | 3247 | 1952 | -.2 | -9.8 | -44 | 1 | -2221.0 | -1454.0 | 482.0 | -814.5 | 91.4 |
| 10TH | 115.00 | -.8 | -19.4 | 3247 | 1952 | -.3 | -10.0 | -47 | 2 | -2220.4 | -1435.0 | 464.0 | -786.7 | 90.5 |
| 11TH | 127.50 | -1.1 | -19.8 | 3247 | 1952 | -.3 | -10.1 | -50 | 3 | -2219.6 | -1415.6 | 446.2 | -758.9 | 89.6 |
| 12TH | 140.00 | -2.9 | -20.4 | 3247 | 1952 | -.9 | -10.4 | -51 | 7 | -2218.5 | -1395.8 | 428.6 | -731.2 | 88.6 |
| 14TH | 152.50 | -6.6 | -21.3 | 3247 | 1952 | -2.0 | -10.9 | -48 | 15 | -2215.6 | -1375.4 | 411.3 | -703.5 | 87.6 |
| 15TH | 165.00 | -10.3 | -22.1 | 3247 | 1952 | -3.2 | -11.3 | -45 | 21 | -2209.0 | -1354.1 | 394.2 | -675.8 | 86.4 |
| 16TH | 177.50 | -14.0 | -23.0 | 3247 | 1952 | -4.3 | -11.8 | -40 | 25 | -2198.7 | -1332.0 | 377.4 | -648.3 | 85.2 |
| 17TH | 190.00 | -17.7 | -23.9 | 3247 | 1952 | -5.5 | -12.2 | -36 | 27 | -2184.7 | -1309.0 | 360.9 | -620.9 | 84.0 |
| 18TH | 202.50 | -21.4 | -24.7 | 3247 | 1952 | -6.6 | -12.7 | -33 | 28 | -2167.0 | -1285.1 | 344.7 | -593.7 | 82.6 |
| 19TH | 215.00 | -25.2 | -25.6 | 3247 | 1952 | -7.7 | -13.1 | -29 | 29 | -2145.6 | -1260.4 | 328.8 | -566.7 | 81.2 |
| 20TH | 227.50 | -28.5 | -26.4 | 3247 | 1952 | -8.8 | -13.5 | -27 | 29 | -2120.4 | -1234.8 | 313.2 | -540.1 | 79.7 |
| 21ST | 240.00 | -31.3 | -26.8 | 3247 | 1952 | -9.7 | -13.7 | -25 | 30 | -2091.9 | -1208.4 | 297.9 | -513.8 | 78.2 |
| 22ND | 252.50 | -34.1 | -27.3 | 3247 | 1952 | -10.5 | -14.0 | -24 | 30 | -2060.5 | -1181.6 | 283.0 | -487.8 | 76.6 |
| 23RD | 265.00 | -36.9 | -27.8 | 3247 | 1952 | -11.4 | -14.2 | -23 | 30 | -2026.4 | -1154.2 | 268.4 | -462.3 | 74.9 |
| 24TH | 277.50 | -39.7 | -28.3 | 3247 | 1952 | -12.2 | -14.5 | -21 | 30 | -1989.5 | -1126.4 | 254.1 | -437.2 | 73.2 |
| 25TH | 290.00 | -42.5 | -28.8 | 3247 | 1952 | -13.1 | -14.7 | -20 | 30 | -1949.7 | -1098.1 | 240.2 | -412.5 | 71.4 |
| 26TH | 302.50 | -45.3 | -29.3 | 3247 | 1952 | -14.0 | -15.0 | -19 | 30 | -1907.2 | -1069.3 | 226.7 | -388.4 | 69.5 |
| 27TH | 315.00 | -47.9 | -29.7 | 3247 | 1952 | -14.7 | -15.2 | -18 | 30 | -1861.9 | -1040.1 | 213.5 | -364.9 | 67.6 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -49.7 | -29.9 | 3247 | 1952 | -15.3 | -15.3 | -18 | 30 | -1814.0 | -1010.4 | 200.7 | -341.9 | 65.6 |
| 29TH | 340.00 | -51.5 | -30.0 | 3247 | 1952 | -15.9 | -15.4 | -17 | 30 | -1764.4 | -980.5 | 188.3 | -319.5 | 63.6 |
| 30TH | 352.50 | -53.3 | -30.2 | 3247 | 1952 | -16.4 | -15.5 | -17 | 29 | -1712.9 | -950.5 | 176.2 | -297.8 | 61.6 |
| 31ST | 365.00 | -55.1 | -30.4 | 3247 | 1952 | -17.0 | -15.6 | -16 | 29 | -1659.6 | -920.3 | 164.5 | -276.7 | 59.5 |
| 32ND | 377.50 | -56.9 | -30.5 | 3247 | 1952 | -17.5 | -15.6 | -16 | 29 | -1604.4 | -889.9 | 153.2 | -256.3 | 57.4 |
| 33RD | 390.00 | -58.7 | -30.7 | 3247 | 1952 | -18.1 | -15.7 | -15 | 29 | -1547.5 | -859.4 | 142.2 | -236.6 | 55.3 |
| 34TH | 402.50 | -60.6 | -30.9 | 3247 | 1952 | -18.7 | -15.8 | -15 | 29 | -1488.8 | -828.6 | 131.7 | -217.6 | 53.1 |
| 35TH | 415.00 | -62.0 | -31.0 | 3247 | 1952 | -19.1 | -15.9 | -14 | 29 | -1428.2 | -797.8 | 121.5 | -199.4 | 50.9 |
| 36TH | 427.50 | -62.8 | -31.2 | 3247 | 1952 | -19.3 | -16.0 | -14 | 29 | -1366.2 | -766.7 | 111.8 | -182.0 | 48.6 |
| 37TH | 440.00 | -63.5 | -31.3 | 3247 | 1952 | -19.6 | -16.0 | -14 | 29 | -1303.4 | -735.6 | 102.4 | -165.3 | 46.4 |
| 38TH | 452.50 | -64.2 | -31.5 | 3247 | 1952 | -19.8 | -16.1 | -14 | 29 | -1239.9 | -704.3 | 93.4 | -149.4 | 44.1 |
| 39TH | 465.00 | -64.2 | -31.5 | 3247 | 1952 | -19.8 | -16.1 | -14 | 29 | -1175.7 | -672.8 | 84.8 | -134.3 | 41.8 |
| 40TH | 477.50 | -65.0 | -31.6 | 3247 | 1952 | -20.0 | -16.2 | -14 | 29 | -1110.7 | -641.2 | 76.5 | -120.0 | 39.4 |
| MECH | 490.00 | -65.7 | -31.7 | 3247 | 1952 | -20.2 | -16.3 | -14 | 29 | -1045.0 | -609.5 | 68.7 | -106.5 | 37.0 |
| 43RD | 512.00 | -116.7 | -56.4 | 5715 | 3436 | -20.4 | -16.4 | -14 | 29 | -928.3 | -553.1 | 55.9 | -84.8 | 32.8 |
| 44TH | 524.50 | -66.3 | -32.5 | 3247 | 1952 | -20.4 | -16.7 | -14 | 29 | -862.0 | -520.5 | 49.2 | -73.6 | 30.4 |
| 45TH | 537.00 | -66.3 | -32.9 | 3247 | 1952 | -20.4 | -16.8 | -14 | 29 | -795.6 | -487.6 | 42.9 | -63.3 | 28.1 |
| 46TH | 549.50 | -66.3 | -33.2 | 3247 | 1952 | -20.4 | -17.0 | -14 | 29 | -729.3 | -454.4 | 37.0 | -53.7 | 25.7 |
| 47TH | 562.00 | -66.3 | -33.6 | 3247 | 1952 | -20.4 | -17.2 | -15 | 29 | -663.0 | -420.9 | 31.6 | -45.0 | 23.3 |
| 48TH | 574.50 | -66.3 | -33.9 | 3247 | 1952 | -20.4 | -17.4 | -15 | 29 | -596.6 | -386.9 | 26.5 | -37.2 | 20.9 |
| 49TH | 587.00 | -66.3 | -34.3 | 3247 | 1952 | -20.4 | -17.5 | -15 | 29 | -530.3 | -352.7 | 21.9 | -30.1 | 18.4 |
| 50TH | 599.50 | -64.5 | -34.7 | 3247 | 1952 | -19.9 | -17.8 | -15 | 28 | -465.8 | -318.0 | 17.7 | -23.9 | 16.1 |
| 51ST | 612.00 | -62.4 | -35.1 | 3247 | 1952 | -19.2 | -18.0 | -16 | 28 | -403.4 | -282.9 | 13.9 | -18.4 | 13.8 |
| 52ND | 624.50 | -60.2 | -35.5 | 3247 | 1952 | -18.5 | -18.2 | -16 | 27 | -343.2 | -247.4 | 10.6 | -13.8 | 11.6 |
| 53RD | 637.00 | -58.1 | -36.0 | 3247 | 1952 | -17.9 | -18.4 | -16 | 27 | -285.1 | -211.4 | 7.8 | -9.9 | 9.5 |
| | | -55.9 | -36.4 | 3247 | 1952 | -17.2 | -18.6 | -17 | 26 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 310

CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|------|-----|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -53.8 | -36.8 | 3247 | 1952 | -16.6 | -18.9 | -17 | 25 | -229.2 | -175.0 | 5.4 | -6.6 | 7.4 |
| 55TH | 662.00 | -51.6 | -37.3 | 3247 | 1952 | -15.9 | -19.1 | -18 | 25 | -175.4 | -138.1 | 3.4 | -4.1 | 5.4 |
| 56TH | 674.50 | -46.7 | -35.3 | 3247 | 2067 | -14.4 | -17.1 | -17 | 22 | -123.7 | -100.9 | 1.9 | -2.2 | 3.5 |
| 57TH | 687.00 | -40.3 | -33.0 | 3247 | 2039 | -12.4 | -16.2 | -14 | 17 | -77.1 | -65.6 | .9 | -1.0 | 1.8 |
| PARA | 699.50 | -36.7 | -32.6 | 3507 | 2157 | -10.5 | -15.1 | -9 | 11 | -36.7 | -32.6 | .2 | -.3 | .7 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|---------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -14.2 | -25.7 | 4676 | 2811 | -3.0 | -9.2 | -36 | 20 | -2181.6 | -1115.5 | 436.4 | -948.0 | 160.4 |
| 2ND | 18.00 | -9.0 | -16.8 | 3247 | 1952 | -2.8 | -8.6 | -43 | 23 | -2167.4 | -1089.8 | 416.5 | -908.9 | 159.2 |
| 3RD | 30.50 | -9.7 | -16.0 | 3247 | 1952 | -3.0 | -8.2 | -45 | 28 | -2158.4 | -1073.0 | 403.0 | -881.9 | 158.3 |
| 4TH | 43.00 | -18.2 | -27.2 | 5715 | 3436 | -3.2 | -7.9 | -49 | 33 | -2148.7 | -1057.0 | 389.7 | -854.9 | 157.3 |
| 6TH | 65.00 | -12.7 | -15.6 | 3247 | 1952 | -3.9 | -8.0 | -46 | 38 | -2130.6 | -1029.8 | 366.7 | -807.9 | 155.4 |
| 7TH | 77.50 | -13.7 | -15.6 | 3247 | 1952 | -4.2 | -8.0 | -47 | 41 | -2117.8 | -1014.3 | 353.9 | -781.3 | 154.2 |
| 8TH | 90.00 | -14.4 | -15.7 | 3247 | 1952 | -4.4 | -8.1 | -48 | 44 | -2104.1 | -998.6 | 341.4 | -754.9 | 152.9 |
| 9TH | 102.50 | -15.2 | -15.8 | 3247 | 1952 | -4.7 | -8.1 | -49 | 47 | -2089.7 | -982.9 | 329.0 | -728.7 | 151.5 |
| 10TH | 115.00 | -15.9 | -15.9 | 3247 | 1952 | -4.9 | -8.1 | -49 | 49 | -2074.5 | -967.1 | 316.8 | -702.7 | 150.0 |
| 11TH | 127.50 | -16.6 | -16.0 | 3247 | 1952 | -5.1 | -8.2 | -50 | 52 | -2058.7 | -951.2 | 304.8 | -676.9 | 148.4 |
| 12TH | 140.00 | -17.9 | -16.1 | 3247 | 1952 | -5.5 | -8.3 | -49 | 54 | -2042.0 | -935.2 | 293.0 | -651.2 | 146.8 |
| 14TH | 152.50 | -20.0 | -16.3 | 3247 | 1952 | -6.2 | -8.3 | -45 | 55 | -2024.1 | -919.1 | 281.4 | -625.8 | 145.0 |
| 15TH | 165.00 | -22.1 | -16.5 | 3247 | 1952 | -6.8 | -8.4 | -42 | 56 | -2004.1 | -902.8 | 270.0 | -600.6 | 143.2 |
| 16TH | 177.50 | -24.1 | -16.6 | 3247 | 1952 | -7.4 | -8.5 | -39 | 57 | -1982.0 | -886.3 | 258.9 | -575.7 | 141.3 |
| 17TH | 190.00 | -26.2 | -16.8 | 3247 | 1952 | -8.1 | -8.6 | -37 | 57 | -1957.9 | -869.7 | 247.9 | -551.1 | 139.2 |
| 18TH | 202.50 | -28.3 | -17.0 | 3247 | 1952 | -8.7 | -8.7 | -34 | 57 | -1931.7 | -852.9 | 237.1 | -526.8 | 137.1 |
| 19TH | 215.00 | -30.3 | -17.1 | 3247 | 1952 | -9.3 | -8.8 | -32 | 57 | -1903.5 | -835.9 | 226.6 | -502.8 | 134.9 |
| 20TH | 227.50 | -32.2 | -17.3 | 3247 | 1952 | -9.9 | -8.9 | -31 | 57 | -1873.2 | -818.8 | 216.2 | -479.2 | 132.7 |
| 21ST | 240.00 | -33.9 | -17.4 | 3247 | 1952 | -10.4 | -8.9 | -29 | 57 | -1840.9 | -801.5 | 206.1 | -456.0 | 130.3 |
| 22ND | 252.50 | -35.6 | -17.5 | 3247 | 1952 | -10.9 | -9.0 | -28 | 58 | -1807.0 | -784.0 | 196.2 | -433.2 | 127.8 |
| 23RD | 265.00 | -37.2 | -17.7 | 3247 | 1952 | -11.5 | -9.1 | -28 | 58 | -1771.5 | -766.5 | 186.5 | -410.8 | 125.3 |
| 24TH | 277.50 | -38.9 | -17.8 | 3247 | 1952 | -12.0 | -9.1 | -27 | 58 | -1734.2 | -748.8 | 177.0 | -388.9 | 122.7 |
| 25TH | 290.00 | -40.5 | -17.9 | 3247 | 1952 | -12.5 | -9.2 | -26 | 58 | -1695.4 | -731.0 | 167.8 | -367.5 | 119.9 |
| 26TH | 302.50 | -42.2 | -18.0 | 3247 | 1952 | -13.0 | -9.2 | -25 | 58 | -1654.8 | -713.1 | 158.7 | -346.5 | 117.1 |
| 27TH | 315.00 | -43.6 | -18.1 | 3247 | 1952 | -13.4 | -9.3 | -24 | 59 | -1612.6 | -695.1 | 149.9 | -326.1 | 114.2 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 320

AND MOMENT DIAGRAMS 1
CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -44.4 | -18.2 | 3247 | 1952 | -13.7 | -9.3 | -24 | 59 | -1569.0 | -676.9 | 141.4 | -306.2 | 111.2 |
| 29TH | 340.00 | -45.2 | -18.3 | 3247 | 1952 | -13.9 | -9.4 | -24 | 60 | -1524.6 | -658.7 | 133.0 | -286.9 | 108.1 |
| 30TH | 352.50 | -46.0 | -18.4 | 3247 | 1952 | -14.2 | -9.4 | -24 | 60 | -1479.4 | -640.4 | 124.9 | -268.1 | 105.0 |
| 31ST | 365.00 | -46.8 | -18.4 | 3247 | 1952 | -14.4 | -9.4 | -24 | 61 | -1433.4 | -622.1 | 117.0 | -249.9 | 101.8 |
| 32ND | 377.50 | -47.5 | -18.5 | 3247 | 1952 | -14.6 | -9.5 | -24 | 61 | -1386.6 | -603.7 | 109.4 | -232.3 | 98.5 |
| 33RD | 390.00 | -48.3 | -18.6 | 3247 | 1952 | -14.9 | -9.5 | -24 | 62 | -1339.1 | -585.2 | 101.9 | -215.3 | 95.1 |
| 34TH | 402.50 | -49.2 | -18.7 | 3247 | 1952 | -15.1 | -9.6 | -23 | 62 | -1290.8 | -566.6 | 94.7 | -198.8 | 91.7 |
| 35TH | 415.00 | -50.1 | -18.9 | 3247 | 1952 | -15.4 | -9.7 | -23 | 62 | -1241.6 | -548.0 | 87.8 | -183.0 | 88.2 |
| 36TH | 427.50 | -50.5 | -19.1 | 3247 | 1952 | -15.6 | -9.8 | -24 | 63 | -1191.6 | -529.1 | 81.0 | -167.8 | 84.7 |
| 37TH | 440.00 | -51.0 | -19.3 | 3247 | 1952 | -15.7 | -9.9 | -24 | 63 | -1141.0 | -510.0 | 74.5 | -153.2 | 81.1 |
| 38TH | 452.50 | -51.5 | -19.5 | 3247 | 1952 | -15.9 | -10.0 | -24 | 64 | -1090.0 | -490.7 | 68.3 | -139.3 | 77.4 |
| 39TH | 465.00 | -52.0 | -19.7 | 3247 | 1952 | -16.0 | -10.1 | -24 | 64 | -1038.5 | -471.2 | 62.3 | -126.0 | 73.6 |
| 40TH | 477.50 | -52.5 | -19.9 | 3247 | 1952 | -16.2 | -10.2 | -25 | 65 | -986.5 | -451.6 | 56.5 | -113.3 | 69.8 |
| MECH | 490.00 | -93.4 | -35.8 | 5715 | 3436 | -16.3 | -10.4 | -25 | 65 | -934.1 | -431.7 | 51.0 | -101.3 | 65.9 |
| 43RD | 512.00 | -53.6 | -20.9 | 3247 | 1952 | -16.5 | -10.7 | -25 | 65 | -840.6 | -395.9 | 41.9 | -81.8 | 59.0 |
| 44TH | 524.50 | -54.0 | -21.4 | 3247 | 1952 | -16.6 | -10.9 | -25 | 64 | -787.0 | -374.9 | 37.1 | -71.6 | 55.0 |
| 45TH | 537.00 | -54.4 | -21.8 | 3247 | 1952 | -16.8 | -11.2 | -26 | 64 | -733.0 | -353.6 | 32.5 | -62.1 | 51.0 |
| 46TH | 549.50 | -54.8 | -22.2 | 3247 | 1952 | -16.9 | -11.4 | -26 | 64 | -678.6 | -331.8 | 28.2 | -53.3 | 46.9 |
| 47TH | 562.00 | -55.2 | -22.7 | 3247 | 1952 | -17.0 | -11.6 | -26 | 63 | -623.8 | -309.5 | 24.2 | -45.1 | 42.9 |
| 48TH | 574.50 | -55.6 | -23.1 | 3247 | 1952 | -17.1 | -11.8 | -26 | 63 | -568.6 | -286.9 | 20.5 | -37.7 | 38.8 |
| 49TH | 587.00 | -55.1 | -23.7 | 3247 | 1952 | -17.0 | -12.2 | -27 | 62 | -513.0 | -263.7 | 17.0 | -30.9 | 34.6 |
| 50TH | 599.50 | -54.5 | -24.4 | 3247 | 1952 | -16.8 | -12.5 | -27 | 61 | -457.9 | -240.0 | 13.9 | -24.9 | 30.6 |
| 51ST | 612.00 | -53.9 | -25.1 | 3247 | 1952 | -16.6 | -12.8 | -28 | 60 | -403.4 | -215.6 | 11.0 | -19.5 | 26.6 |
| 52ND | 624.50 | -53.3 | -25.7 | 3247 | 1952 | -16.4 | -13.2 | -28 | 59 | -349.4 | -190.5 | 8.5 | -14.8 | 22.6 |
| 53RD | 637.00 | -52.8 | -26.4 | 3247 | 1952 | -16.2 | -13.5 | -29 | 58 | -296.1 | -164.8 | 6.3 | -10.7 | 18.8 |

| TABLE 7. SHEAR AND MOMENT DIAGRAM : | | RELIANCE CENTER, DENVER | | | | | | | | FEB 23, 1982 | | GUST FACTOR 1.32 | | |
|-------------------------------------|--------|-------------------------|-------|--------------|------|----------------|-------|------------|----|-----------------------------|--------|-----------------------|------|------|
| WIND DIRECTION 320 | | CONFIGURATION A | | | | | | | | REFERENCE PRESSURE 22.0 PSF | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 54TH | 649.50 | | | | | | | | | -243.3 | -138.4 | 4.4 | -7.4 | 15.0 |
| 55TH | 662.00 | -52.2 | -27.1 | 3247 | 1952 | -16.1 | -13.9 | -29 | 56 | -191.2 | -111.4 | 2.8 | -4.7 | 11.3 |
| 56TH | 674.50 | -51.6 | -27.7 | 3247 | 1952 | -15.9 | -14.2 | -30 | 55 | -139.6 | -83.6 | 1.6 | -2.6 | 7.6 |
| 57TH | 687.00 | -50.1 | -27.9 | 3247 | 2067 | -15.4 | -13.5 | -27 | 48 | -89.5 | -55.7 | .7 | -1.2 | 4.4 |
| PARA | 699.50 | -46.1 | -27.4 | 3247 | 2039 | -14.2 | -13.4 | -24 | 40 | -43.5 | -28.4 | .2 | -.3 | 1.9 |
| TOP | 714.67 | -43.5 | -28.4 | 3507 | 2157 | -12.4 | -13.1 | -20 | 31 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330 CONFIGURATION A

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|------|------------|----|--------------|---------|-----------------------|---------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -25.9 | -26.7 | 4676 | 2811 | -5.5 | -9.5 | -31 | 31 | -2604.8 | -1119.1 | 433.6 | -1071.1 | 191.0 |
| 2ND | 18.00 | -16.7 | -17.1 | 3247 | 1952 | -5.1 | -8.8 | -37 | 36 | -2578.9 | -1092.4 | 413.7 | -1024.4 | 189.4 |
| 3RD | 30.50 | -17.1 | -16.1 | 3247 | 1952 | -5.3 | -8.2 | -39 | 41 | -2562.3 | -1075.3 | 400.1 | -992.3 | 188.1 |
| 4TH | 43.00 | -33.4 | -27.3 | 5715 | 3436 | -5.8 | -8.0 | -39 | 48 | -2545.2 | -1059.2 | 386.8 | -960.4 | 186.8 |
| 6TH | 65.00 | -23.1 | -15.9 | 3247 | 1952 | -7.1 | -8.2 | -35 | 51 | -2511.8 | -1031.9 | 363.8 | -904.8 | 184.1 |
| 7TH | 77.50 | -24.7 | -16.2 | 3247 | 1952 | -7.6 | -8.3 | -35 | 53 | -2488.7 | -1015.9 | 351.0 | -873.5 | 182.4 |
| 8TH | 90.00 | -25.9 | -16.5 | 3247 | 1952 | -8.0 | -8.5 | -36 | 56 | -2464.0 | -999.7 | 338.4 | -842.5 | 180.5 |
| 9TH | 102.50 | -27.1 | -16.8 | 3247 | 1952 | -8.3 | -8.6 | -36 | 58 | -2438.2 | -983.2 | 326.0 | -811.9 | 178.5 |
| 10TH | 115.00 | -28.3 | -17.1 | 3247 | 1952 | -8.7 | -8.8 | -36 | 60 | -2411.1 | -966.4 | 313.8 | -781.6 | 176.3 |
| 11TH | 127.50 | -29.5 | -17.4 | 3247 | 1952 | -9.1 | -8.9 | -37 | 62 | -2382.8 | -949.3 | 301.8 | -751.6 | 174.0 |
| 12TH | 140.00 | -31.0 | -17.6 | 3247 | 1952 | -9.5 | -9.0 | -36 | 63 | -2353.3 | -932.0 | 290.1 | -722.0 | 171.5 |
| 14TH | 152.50 | -32.9 | -17.7 | 3247 | 1952 | -10.1 | -9.1 | -34 | 62 | -2322.3 | -914.4 | 278.5 | -692.8 | 168.9 |
| 15TH | 165.00 | -34.8 | -17.8 | 3247 | 1952 | -10.7 | -9.1 | -31 | 62 | -2289.4 | -896.7 | 267.2 | -664.0 | 166.2 |
| 16TH | 177.50 | -36.7 | -17.9 | 3247 | 1952 | -11.3 | -9.2 | -30 | 61 | -2254.6 | -879.0 | 256.1 | -635.6 | 163.5 |
| 17TH | 190.00 | -38.6 | -18.0 | 3247 | 1952 | -11.9 | -9.2 | -28 | 60 | -2217.9 | -861.1 | 245.2 | -607.6 | 160.8 |
| 18TH | 202.50 | -40.5 | -18.1 | 3247 | 1952 | -12.5 | -9.2 | -26 | 59 | -2179.3 | -843.1 | 234.6 | -580.2 | 158.0 |
| 19TH | 215.00 | -42.5 | -18.1 | 3247 | 1952 | -13.1 | -9.3 | -25 | 59 | -2138.7 | -825.1 | 224.1 | -553.2 | 155.1 |
| 20TH | 227.50 | -44.1 | -18.2 | 3247 | 1952 | -13.6 | -9.3 | -24 | 58 | -2096.2 | -806.9 | 213.9 | -526.7 | 152.1 |
| 21ST | 240.00 | -45.2 | -18.1 | 3247 | 1952 | -13.9 | -9.3 | -23 | 58 | -2052.1 | -788.7 | 204.0 | -500.8 | 149.1 |
| 22ND | 252.50 | -46.4 | -18.1 | 3247 | 1952 | -14.3 | -9.3 | -22 | 58 | -2006.9 | -770.6 | 194.2 | -475.4 | 146.1 |
| 23RD | 265.00 | -47.5 | -18.0 | 3247 | 1952 | -14.6 | -9.2 | -22 | 57 | -1960.5 | -752.5 | 184.7 | -450.6 | 143.0 |
| 24TH | 277.50 | -48.7 | -18.0 | 3247 | 1952 | -15.0 | -9.2 | -21 | 57 | -1913.0 | -734.5 | 175.4 | -426.4 | 139.9 |
| 25TH | 290.00 | -49.8 | -17.9 | 3247 | 1952 | -15.3 | -9.2 | -21 | 57 | -1864.4 | -716.5 | 166.3 | -402.8 | 136.7 |
| 26TH | 302.50 | -50.9 | -17.9 | 3247 | 1952 | -15.7 | -9.1 | -20 | 57 | -1814.6 | -698.6 | 157.5 | -379.8 | 133.5 |
| 27TH | 315.00 | -51.8 | -17.8 | 3247 | 1952 | -16.0 | -9.1 | -20 | 57 | -1763.6 | -680.8 | 148.9 | -357.4 | 130.3 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

RELIANCE CENTER, DENVER
CONFIGURATION A
FEB 23, 1992
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|--------|-------|--|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z | |
| 28TH | 327.50 | | | | | | | | | | | | | | |
| 29TH | 340.00 | -51.8 | -17.6 | 3247 | 1952 | -16.0 | -9.0 | -20 | 58 | -1711.8 | -663.0 | 140.5 | -335.7 | 127.0 | |
| 30TH | 352.50 | -51.8 | -17.5 | 3247 | 1952 | -15.9 | -8.9 | -20 | 59 | -1660.0 | -645.4 | 132.3 | -314.6 | 123.6 | |
| 31ST | 365.00 | -51.8 | -17.3 | 3247 | 1952 | -15.9 | -8.9 | -20 | 60 | -1608.2 | -627.9 | 124.3 | -294.2 | 120.2 | |
| 32ND | 377.50 | -51.8 | -17.2 | 3247 | 1952 | -15.9 | -8.8 | -20 | 61 | -1556.4 | -610.6 | 116.6 | -274.4 | 116.8 | |
| 33RD | 390.00 | -51.8 | -17.0 | 3247 | 1952 | -15.9 | -8.7 | -20 | 62 | -1504.7 | -593.4 | 109.1 | -255.3 | 113.3 | |
| 34TH | 402.50 | -51.7 | -16.9 | 3247 | 1952 | -15.9 | -8.6 | -21 | 63 | -1452.9 | -576.4 | 101.8 | -236.8 | 109.7 | |
| 35TH | 415.00 | -51.9 | -16.9 | 3247 | 1952 | -16.0 | -8.6 | -21 | 64 | -1401.2 | -559.6 | 94.7 | -219.0 | 106.1 | |
| 36TH | 427.50 | -52.5 | -17.3 | 3247 | 1952 | -16.2 | -8.9 | -21 | 64 | -1349.3 | -542.7 | 87.8 | -201.8 | 102.4 | |
| 37TH | 440.00 | -53.2 | -17.8 | 3247 | 1952 | -16.4 | -9.1 | -22 | 65 | -1296.8 | -525.4 | 81.1 | -185.2 | 98.7 | |
| 38TH | 452.50 | -53.9 | -18.2 | 3247 | 1952 | -16.6 | -9.3 | -22 | 65 | -1243.6 | -507.6 | 74.6 | -169.4 | 94.9 | |
| 39TH | 465.00 | -54.7 | -18.6 | 3247 | 1952 | -16.8 | -9.5 | -22 | 66 | -1189.7 | -489.4 | 68.4 | -154.2 | 90.9 | |
| 40TH | 477.50 | -55.4 | -19.1 | 3247 | 1952 | -17.1 | -9.8 | -23 | 66 | -1135.0 | -470.8 | 62.4 | -139.6 | 86.9 | |
| MECH | 490.00 | -56.2 | -19.5 | 3247 | 1952 | -17.3 | -10.0 | -23 | 67 | -1079.6 | -451.7 | 56.6 | -125.8 | 82.8 | |
| 43RD | 512.00 | -100.3 | -35.5 | 5715 | 3436 | -17.6 | -10.3 | -24 | 67 | -1023.4 | -432.2 | 51.1 | -112.6 | 78.6 | |
| 44TH | 524.50 | -57.6 | -20.8 | 3247 | 1952 | -17.7 | -10.6 | -24 | 68 | -923.1 | -396.7 | 42.0 | -91.2 | 71.0 | |
| 45TH | 537.00 | -58.0 | -21.3 | 3247 | 1952 | -17.9 | -10.9 | -25 | 68 | -865.5 | -375.9 | 37.2 | -80.1 | 66.6 | |
| 46TH | 549.50 | -58.4 | -21.7 | 3247 | 1952 | -18.0 | -11.1 | -25 | 68 | -807.6 | -354.7 | 32.6 | -69.6 | 62.2 | |
| 47TH | 562.00 | -58.8 | -22.2 | 3247 | 1952 | -18.1 | -11.4 | -26 | 68 | -749.2 | -332.9 | 28.3 | -59.9 | 57.7 | |
| 48TH | 574.50 | -59.2 | -22.7 | 3247 | 1952 | -18.2 | -11.6 | -26 | 68 | -690.4 | -310.7 | 24.3 | -50.9 | 53.1 | |
| 49TH | 587.00 | -59.6 | -23.1 | 3247 | 1952 | -18.4 | -11.8 | -27 | 69 | -631.2 | -288.1 | 20.5 | -42.6 | 48.4 | |
| 50TH | 599.50 | -59.4 | -23.8 | 3247 | 1952 | -18.3 | -12.2 | -27 | 68 | -571.5 | -264.9 | 17.1 | -35.1 | 43.7 | |
| 51ST | 612.00 | -59.4 | -23.8 | 3247 | 1952 | -18.3 | -12.2 | -27 | 68 | -512.2 | -241.2 | 13.9 | -28.3 | 39.0 | |
| 52ND | 624.50 | -59.0 | -24.5 | 3247 | 1952 | -18.2 | -12.5 | -28 | 68 | -453.2 | -216.7 | 11.1 | -22.3 | 34.3 | |
| 53RD | 637.00 | -58.7 | -25.1 | 3247 | 1952 | -18.1 | -12.9 | -29 | 68 | -394.5 | -191.6 | 8.5 | -17.0 | 29.6 | |
| | | -58.3 | -25.8 | 3247 | 1952 | -18.0 | -13.2 | -30 | 67 | -336.2 | -165.8 | 6.3 | -12.4 | 24.9 | |
| | | -57.9 | -26.5 | 3247 | 1952 | -17.8 | -13.6 | -30 | 67 | | | | | | |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS ; RELIANCE CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | |
|---|--------|-----------------|-------|--------------|------|-----------------------------|-------|-------------|----|------------------|--------|-----------------------|------|------|
| WIND DIRECTION 330 | | CONFIGURATION A | | | | REFERENCE PRESSURE 22.0 PSF | | | | GUST FACTOR 1.32 | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN. (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -57.6 | -27.2 | 3247 | 1952 | -17.7 | -13.9 | -31 | 66 | -278.3 | -139.3 | 4.4 | -8.6 | 20.3 |
| 55TH | 662.00 | -57.2 | -27.8 | 3247 | 1952 | -17.6 | -14.3 | -32 | 66 | -220.7 | -112.1 | 2.8 | -5.5 | 15.6 |
| 56TH | 674.50 | -58.0 | -29.9 | 3247 | 2067 | -17.9 | -14.5 | -29 | 56 | -163.5 | -84.3 | 1.6 | -3.1 | 11.0 |
| 57TH | 687.00 | -53.3 | -27.7 | 3247 | 2039 | -16.4 | -13.6 | -27 | 53 | -105.5 | -54.4 | .7 | -1.4 | 6.9 |
| PARA | 699.50 | -52.2 | -26.7 | 3507 | 2157 | -14.9 | -12.4 | -26 | 50 | -52.2 | -26.7 | .2 | -.4 | 3.3 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS ;
WIND DIRECTION 340

RELIANCE CENTER, DENVER
REFERENCE PRESSURE 22.0 PSF

FEB 23, 1982

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -21.7 | -30.2 | 4676 | 2811 | -4.6 | -10.7 | -40 | 29 | -2249.3 | -1836.5 | 776.9 | -880.9 | 163.2 |
| 2ND | 18.00 | -13.9 | -19.3 | 3247 | 1952 | -4.3 | -9.9 | -46 | 33 | -2227.7 | -1806.4 | 744.1 | -840.6 | 163.3 |
| 3RD | 30.50 | -15.0 | -18.0 | 3247 | 1952 | -4.6 | -9.2 | -47 | 39 | -2213.8 | -1787.1 | 721.7 | -812.8 | 162.0 |
| 4TH | 43.00 | -31.2 | -30.4 | 5715 | 3436 | -5.5 | -8.9 | -46 | 47 | -2198.7 | -1769.1 | 699.4 | -785.3 | 160.5 |
| 6TH | 65.00 | -22.7 | -17.4 | 3247 | 1952 | -7.0 | -8.9 | -39 | 51 | -2167.5 | -1738.7 | 660.9 | -737.2 | 157.7 |
| 7TH | 77.50 | -24.4 | -17.6 | 3247 | 1952 | -7.5 | -9.0 | -38 | 53 | -2144.8 | -1721.2 | 639.2 | -710.3 | 155.9 |
| 8TH | 90.00 | -25.7 | -17.7 | 3247 | 1952 | -7.9 | -9.1 | -38 | 56 | -2120.4 | -1703.7 | 617.8 | -683.6 | 153.9 |
| 9TH | 102.50 | -27.0 | -17.8 | 3247 | 1952 | -8.3 | -9.1 | -38 | 58 | -2094.7 | -1686.0 | 596.6 | -657.3 | 151.8 |
| 10TH | 115.00 | -28.2 | -17.9 | 3247 | 1952 | -8.7 | -9.2 | -38 | 60 | -2067.7 | -1668.2 | 575.7 | -631.3 | 149.5 |
| 11TH | 127.50 | -29.5 | -18.0 | 3247 | 1952 | -9.1 | -9.2 | -38 | 62 | -2039.4 | -1650.3 | 554.9 | -605.6 | 147.2 |
| 12TH | 140.00 | -31.0 | -18.4 | 3247 | 1952 | -9.6 | -9.4 | -37 | 62 | -2009.9 | -1632.3 | 534.4 | -580.3 | 144.6 |
| 14TH | 152.50 | -32.9 | -19.2 | 3247 | 1952 | -10.1 | -9.9 | -35 | 61 | -1978.9 | -1613.8 | 514.1 | -555.4 | 142.0 |
| 15TH | 165.00 | -34.8 | -20.0 | 3247 | 1952 | -10.7 | -10.3 | -34 | 59 | -1946.0 | -1594.6 | 494.1 | -530.8 | 139.4 |
| 16TH | 177.50 | -36.6 | -20.8 | 3247 | 1952 | -11.3 | -10.7 | -33 | 58 | -1911.2 | -1574.6 | 474.3 | -506.7 | 136.6 |
| 17TH | 190.00 | -38.5 | -21.6 | 3247 | 1952 | -11.9 | -11.1 | -32 | 56 | -1874.6 | -1553.8 | 454.7 | -483.1 | 133.8 |
| 18TH | 202.50 | -40.4 | -22.4 | 3247 | 1952 | -12.4 | -11.5 | -31 | 55 | -1836.1 | -1532.1 | 435.4 | -459.9 | 131.0 |
| 19TH | 215.00 | -42.2 | -23.2 | 3247 | 1952 | -13.0 | -11.9 | -30 | 54 | -1795.7 | -1509.7 | 416.4 | -437.2 | 128.1 |
| 20TH | 227.50 | -43.8 | -24.0 | 3247 | 1952 | -13.5 | -12.3 | -29 | 53 | -1753.5 | -1486.5 | 397.7 | -415.0 | 125.1 |
| 21ST | 240.00 | -44.8 | -24.8 | 3247 | 1952 | -13.8 | -12.7 | -29 | 52 | -1709.7 | -1462.5 | 379.3 | -393.3 | 122.1 |
| 22ND | 252.50 | -45.8 | -25.6 | 3247 | 1952 | -14.1 | -13.1 | -29 | 51 | -1664.9 | -1437.7 | 361.1 | -372.2 | 119.1 |
| 23RD | 265.00 | -46.8 | -26.4 | 3247 | 1952 | -14.4 | -13.5 | -28 | 50 | -1619.1 | -1412.1 | 343.3 | -351.7 | 116.0 |
| 24TH | 277.50 | -47.8 | -27.2 | 3247 | 1952 | -14.7 | -14.0 | -28 | 49 | -1572.3 | -1385.7 | 325.8 | -331.8 | 112.9 |
| 25TH | 290.00 | -48.8 | -28.1 | 3247 | 1952 | -15.0 | -14.4 | -28 | 49 | -1524.6 | -1358.4 | 308.7 | -312.4 | 109.8 |
| 26TH | 302.50 | -49.7 | -28.9 | 3247 | 1952 | -15.3 | -14.8 | -28 | 48 | -1475.8 | -1330.4 | 291.9 | -293.7 | 106.6 |
| 27TH | 315.00 | -50.4 | -29.7 | 3247 | 1952 | -15.5 | -15.2 | -28 | 47 | -1426.1 | -1301.5 | 275.4 | -275.5 | 103.4 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 28TH | 327.50 | -49.7 | -30.7 | 3247 | 1952 | -15.3 | -15.7 | -29 | 47 | -1375.7 | -1271.8 | 259.4 | -258.0 | 100.2 |
| 29TH | 340.00 | -49.1 | -31.8 | 3247 | 1952 | -15.1 | -16.3 | -30 | 47 | -1326.0 | -1241.0 | 243.6 | -241.1 | 97.0 |
| 30TH | 352.50 | -48.5 | -32.8 | 3247 | 1952 | -14.9 | -16.8 | -31 | 46 | -1276.9 | -1209.3 | 228.3 | -224.9 | 93.7 |
| 31ST | 365.00 | -47.8 | -33.8 | 3247 | 1952 | -14.7 | -17.3 | -33 | 46 | -1228.5 | -1176.5 | 213.4 | -209.2 | 90.4 |
| 32ND | 377.50 | -47.2 | -34.8 | 3247 | 1952 | -14.5 | -17.8 | -34 | 46 | -1180.7 | -1142.8 | 198.9 | -194.1 | 87.1 |
| 33RD | 390.00 | -46.5 | -35.8 | 3247 | 1952 | -14.3 | -18.3 | -35 | 45 | -1133.5 | -1108.0 | 184.9 | -179.7 | 83.8 |
| 34TH | 402.50 | -46.1 | -36.8 | 3247 | 1952 | -14.2 | -18.8 | -36 | 45 | -1086.9 | -1072.2 | 171.2 | -165.8 | 80.5 |
| 35TH | 415.00 | -45.9 | -37.6 | 3247 | 1952 | -14.1 | -19.2 | -36 | 44 | -1040.9 | -1035.4 | 158.1 | -152.5 | 77.1 |
| 36TH | 427.50 | -45.5 | -38.4 | 3247 | 1952 | -14.0 | -19.7 | -36 | 43 | -995.0 | -997.8 | 145.4 | -139.8 | 73.8 |
| 37TH | 440.00 | -45.1 | -39.2 | 3247 | 1952 | -13.9 | -20.1 | -37 | 43 | -949.5 | -959.4 | 133.1 | -127.6 | 70.4 |
| 38TH | 452.50 | -44.8 | -40.0 | 3247 | 1952 | -13.8 | -20.5 | -37 | 42 | -904.4 | -920.2 | 121.4 | -116.0 | 67.0 |
| 39TH | 465.00 | -44.4 | -40.8 | 3247 | 1952 | -13.7 | -20.9 | -38 | 41 | -859.6 | -880.2 | 110.1 | -105.0 | 63.7 |
| 40TH | 477.50 | -44.0 | -41.6 | 3247 | 1952 | -13.6 | -21.3 | -38 | 40 | -815.2 | -839.4 | 99.4 | -94.6 | 60.3 |
| MECH | 490.00 | -77.1 | -74.9 | 5715 | 3436 | -13.5 | -21.8 | -38 | 40 | -771.2 | -797.8 | 89.1 | -84.6 | 56.9 |
| 43RD | 512.00 | -43.8 | -43.2 | 3247 | 1952 | -13.5 | -22.1 | -38 | 39 | -694.1 | -722.9 | 72.4 | -68.5 | 51.0 |
| 44TH | 524.50 | -43.9 | -43.7 | 3247 | 1952 | -13.5 | -22.4 | -38 | 38 | -650.3 | -679.7 | 63.6 | -60.1 | 47.6 |
| 45TH | 537.00 | -43.9 | -44.2 | 3247 | 1952 | -13.5 | -22.6 | -38 | 38 | -606.4 | -635.9 | 55.4 | -52.3 | 44.3 |
| 46TH | 549.50 | -43.9 | -44.7 | 3247 | 1952 | -13.5 | -22.9 | -38 | 37 | -562.5 | -591.7 | 47.8 | -45.0 | 41.0 |
| 47TH | 562.00 | -44.0 | -45.2 | 3247 | 1952 | -13.5 | -23.1 | -38 | 37 | -518.6 | -547.1 | 40.6 | -38.2 | 37.6 |
| 48TH | 574.50 | -44.0 | -45.7 | 3247 | 1952 | -13.5 | -23.4 | -38 | 36 | -474.6 | -501.9 | 34.1 | -32.0 | 34.3 |
| 49TH | 587.00 | -44.1 | -45.9 | 3247 | 1952 | -13.6 | -23.5 | -37 | 36 | -430.6 | -456.2 | 28.1 | -26.3 | 31.0 |
| 50TH | 599.50 | -44.1 | -46.2 | 3247 | 1952 | -13.6 | -23.7 | -37 | 36 | -386.6 | -410.3 | 22.7 | -21.2 | 27.7 |
| 51ST | 612.00 | -44.2 | -46.4 | 3247 | 1952 | -13.6 | -23.8 | -37 | 35 | -342.5 | -364.1 | 17.8 | -16.7 | 24.4 |
| 52ND | 624.50 | -44.2 | -46.6 | 3247 | 1952 | -13.6 | -23.9 | -37 | 35 | -298.3 | -317.7 | 13.6 | -12.7 | 21.1 |
| 53RD | 637.00 | -44.3 | -46.9 | 3247 | 1952 | -13.6 | -24.0 | -37 | 35 | -254.0 | -271.1 | 9.9 | -9.2 | 17.9 |

| TABLE 7. SHEAR AND MOMENT DIAGRAMS : | | | | | | | | | | | | | | |
|---|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|------|------|
| RELiance CENTER, DENVER FEB 23, 1982 | | | | | | | | | | | | | | |
| WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 22.0 PSF GUST FACTOR 1.32 | | | | | | | | | | | | | | |
| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -44.4 | -47.1 | 3247 | 1952 | -13.7 | -24.1 | -37 | 35 | -209.7 | -224.2 | 6.8 | -6.3 | 14.6 |
| 55TH | 662.00 | -44.4 | -47.4 | 3247 | 1952 | -13.7 | -24.3 | -37 | 34 | -165.4 | -177.1 | 4.3 | -4.0 | 11.3 |
| 56TH | 674.50 | -45.9 | -48.0 | 3247 | 2067 | -14.1 | -23.2 | -31 | 30 | -121.0 | -129.7 | 2.4 | -2.2 | 8.0 |
| 57TH | 687.00 | -39.7 | -42.7 | 3247 | 2039 | -12.2 | -21.0 | -33 | 30 | -75.1 | -81.7 | 1.1 | -1.0 | 5.2 |
| PARA | 699.50 | -35.4 | -39.0 | 3247 | 2039 | -12.2 | -21.0 | -33 | 30 | -35.4 | -39.0 | .3 | -.3 | 2.6 |
| TOP | 714.67 | -35.4 | -39.0 | 3507 | 2157 | -10.1 | -18.1 | -36 | 33 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|-------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 1ST | 0.00 | -17.5 | -10.5 | 4676 | 2811 | -3.7 | -3.7 | -19 | 32 | -1607.4 | -1656.8 | 801.2 | -662.5 | 122.7 |
| 2ND | 18.00 | -10.9 | -7.0 | 3247 | 1952 | -3.3 | -3.6 | -23 | 36 | -1589.9 | -1646.2 | 771.5 | -633.7 | 122.0 |
| 3RD | 30.50 | -10.6 | -6.7 | 3247 | 1952 | -3.3 | -3.4 | -26 | 40 | -1579.1 | -1639.3 | 750.9 | -613.9 | 121.4 |
| 4TH | 43.00 | -21.1 | -11.8 | 5715 | 3436 | -3.7 | -3.4 | -26 | 46 | -1568.4 | -1632.6 | 730.5 | -594.2 | 120.8 |
| 6TH | 65.00 | -14.7 | -6.8 | 3247 | 1952 | -4.5 | -3.5 | -23 | 49 | -1547.4 | -1620.8 | 694.7 | -560.0 | 119.5 |
| 7TH | 77.50 | -15.1 | -6.9 | 3247 | 1952 | -4.7 | -3.5 | -24 | 53 | -1532.7 | -1613.9 | 674.5 | -540.7 | 118.7 |
| 8TH | 90.00 | -15.2 | -7.0 | 3247 | 1952 | -4.7 | -3.6 | -27 | 58 | -1517.6 | -1607.0 | 654.4 | -521.7 | 117.7 |
| 9TH | 102.50 | -15.2 | -7.1 | 3247 | 1952 | -4.7 | -3.6 | -29 | 63 | -1502.5 | -1600.0 | 634.3 | -502.8 | 116.6 |
| 10TH | 115.00 | -15.3 | -7.2 | 3247 | 1952 | -4.7 | -3.7 | -32 | 68 | -1487.3 | -1592.9 | 614.4 | -484.1 | 115.5 |
| 11TH | 127.50 | -15.3 | -7.3 | 3247 | 1952 | -4.7 | -3.7 | -35 | 73 | -1472.0 | -1585.7 | 594.5 | -465.6 | 114.2 |
| 12TH | 140.00 | -15.3 | -7.3 | 3247 | 1952 | -4.7 | -3.7 | -35 | 73 | -1456.7 | -1578.4 | 574.7 | -447.3 | 112.8 |
| 12TH | 140.00 | -15.9 | -7.6 | 3247 | 1952 | -4.9 | -3.9 | -36 | 74 | -1440.7 | -1570.8 | 555.0 | -429.2 | 111.4 |
| 14TH | 152.50 | -17.3 | -8.3 | 3247 | 1952 | -5.3 | -4.3 | -35 | 72 | -1423.4 | -1562.5 | 535.5 | -411.3 | 109.8 |
| 15TH | 165.00 | -18.7 | -9.0 | 3247 | 1952 | -5.7 | -4.6 | -34 | 71 | -1404.8 | -1553.5 | 516.0 | -393.6 | 108.2 |
| 16TH | 177.50 | -20.0 | -9.6 | 3247 | 1952 | -6.2 | -4.9 | -33 | 69 | -1384.7 | -1543.9 | 496.6 | -376.2 | 106.5 |
| 17TH | 190.00 | -21.4 | -10.3 | 3247 | 1952 | -6.6 | -5.3 | -33 | 68 | -1363.4 | -1533.6 | 477.4 | -359.0 | 104.7 |
| 18TH | 202.50 | -22.8 | -11.0 | 3247 | 1952 | -7.0 | -5.6 | -32 | 67 | -1340.6 | -1522.6 | 458.3 | -342.1 | 102.8 |
| 19TH | 215.00 | -24.1 | -11.6 | 3247 | 1952 | -7.4 | -6.0 | -32 | 66 | -1316.5 | -1510.9 | 439.3 | -325.5 | 100.8 |
| 20TH | 227.50 | -25.5 | -12.5 | 3247 | 1952 | -7.8 | -6.4 | -32 | 65 | -1291.0 | -1498.4 | 420.5 | -309.2 | 98.8 |
| 21ST | 240.00 | -26.9 | -13.8 | 3247 | 1952 | -8.3 | -7.1 | -32 | 62 | -1264.1 | -1484.6 | 401.9 | -293.2 | 96.7 |
| 22ND | 252.50 | -28.3 | -15.1 | 3247 | 1952 | -8.7 | -7.7 | -32 | 59 | -1235.8 | -1469.5 | 383.4 | -277.6 | 94.5 |
| 23RD | 265.00 | -29.7 | -16.4 | 3247 | 1952 | -9.1 | -8.4 | -31 | 57 | -1206.1 | -1453.1 | 365.1 | -262.3 | 92.3 |
| 24TH | 277.50 | -31.1 | -17.7 | 3247 | 1952 | -9.6 | -9.0 | -31 | 55 | -1175.0 | -1435.5 | 347.1 | -247.5 | 90.1 |
| 25TH | 290.00 | -32.5 | -19.0 | 3247 | 1952 | -10.0 | -9.7 | -31 | 53 | -1142.5 | -1416.5 | 329.3 | -233.0 | 87.8 |
| 26TH | 302.50 | -33.9 | -20.2 | 3247 | 1952 | -10.4 | -10.4 | -31 | 51 | -1108.5 | -1396.3 | 311.7 | -218.9 | 85.4 |
| 27TH | 315.00 | -35.0 | -21.7 | 3247 | 1952 | -10.8 | -11.1 | -31 | 50 | | | | | |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350 CONFIGURATION A

RELIANCE CENTER, DENVER FEB 23, 1982
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|---------|-----------------------|--------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | Z | | |
| 28TH | 327.50 | -35.0 | -23.7 | 3247 | 1952 | -10.8 | -12.1 | -33 | 48 | -1073.5 | -1374.6 | 294.4 | -205.3 | 83.0 |
| 29TH | 340.00 | -35.0 | -25.7 | 3247 | 1952 | -10.8 | -13.2 | -34 | 46 | -1038.5 | -1350.9 | 277.3 | -192.1 | 80.6 |
| 30TH | 352.50 | -34.9 | -27.8 | 3247 | 1952 | -10.8 | -14.2 | -35 | 45 | -1003.6 | -1325.1 | 260.6 | -179.3 | 78.1 |
| 31ST | 365.00 | -34.9 | -29.8 | 3247 | 1952 | -10.8 | -15.3 | -37 | 43 | -968.7 | -1297.4 | 244.2 | -167.0 | 75.5 |
| 32ND | 377.50 | -34.9 | -31.8 | 3247 | 1952 | -10.7 | -16.3 | -38 | 41 | -933.7 | -1267.6 | 228.2 | -155.1 | 73.0 |
| 33RD | 390.00 | -34.9 | -33.8 | 3247 | 1952 | -10.7 | -17.3 | -38 | 40 | -898.9 | -1235.8 | 212.5 | -143.6 | 70.3 |
| 34TH | 402.50 | -35.2 | -35.7 | 3247 | 1952 | -10.9 | -18.3 | -39 | 38 | -864.0 | -1201.9 | 197.3 | -132.6 | 67.6 |
| 35TH | 415.00 | -36.0 | -37.4 | 3247 | 1952 | -11.1 | -19.1 | -38 | 37 | -828.7 | -1166.2 | 182.5 | -122.0 | 64.9 |
| 36TH | 427.50 | -35.7 | -39.0 | 3247 | 1952 | -11.0 | -20.0 | -38 | 35 | -792.8 | -1128.8 | 168.2 | -111.9 | 62.2 |
| 37TH | 440.00 | -35.5 | -40.6 | 3247 | 1952 | -10.9 | -20.8 | -39 | 34 | -757.0 | -1089.9 | 154.3 | -102.2 | 59.4 |
| 38TH | 452.50 | -35.2 | -42.2 | 3247 | 1952 | -10.8 | -21.6 | -39 | 32 | -721.6 | -1049.3 | 140.9 | -93.0 | 56.7 |
| 39TH | 465.00 | -35.0 | -43.8 | 3247 | 1952 | -10.8 | -22.4 | -39 | 31 | -686.3 | -1007.1 | 128.1 | -84.2 | 53.9 |
| 40TH | 477.50 | -34.7 | -45.4 | 3247 | 1952 | -10.7 | -23.3 | -39 | 30 | -651.4 | -963.3 | 115.8 | -75.8 | 51.1 |
| MECH | 490.00 | -61.0 | -83.0 | 5715 | 3436 | -10.7 | -24.2 | -39 | 29 | -616.7 | -917.9 | 104.0 | -67.9 | 48.3 |
| 43RD | 512.00 | -34.9 | -48.2 | 3247 | 1952 | -10.7 | -24.7 | -39 | 28 | -555.7 | -834.9 | 84.7 | -55.0 | 43.3 |
| 44TH | 524.50 | -35.1 | -49.0 | 3247 | 1952 | -10.8 | -25.1 | -39 | 28 | -520.8 | -786.7 | 74.6 | -48.3 | 40.4 |
| 45TH | 537.00 | -35.3 | -49.8 | 3247 | 1952 | -10.9 | -25.5 | -39 | 27 | -485.7 | -737.6 | 65.1 | -42.0 | 37.6 |
| 46TH | 549.50 | -35.5 | -50.6 | 3247 | 1952 | -10.9 | -25.9 | -38 | 27 | -450.5 | -687.8 | 56.2 | -36.1 | 34.7 |
| 47TH | 562.00 | -35.7 | -51.4 | 3247 | 1952 | -11.0 | -26.3 | -38 | 27 | -415.0 | -637.2 | 47.9 | -30.7 | 31.8 |
| 48TH | 574.50 | -35.8 | -52.2 | 3247 | 1952 | -11.0 | -26.7 | -38 | 26 | -379.3 | -585.8 | 40.2 | -25.7 | 28.8 |
| 49TH | 587.00 | -35.6 | -52.7 | 3247 | 1952 | -11.0 | -27.0 | -38 | 26 | -343.5 | -533.6 | 33.2 | -21.2 | 25.9 |
| 50TH | 599.50 | -35.3 | -53.1 | 3247 | 1952 | -10.9 | -27.2 | -37 | 25 | -307.9 | -480.9 | 26.9 | -17.2 | 23.0 |
| 51ST | 612.00 | -34.9 | -53.5 | 3247 | 1952 | -10.8 | -27.4 | -37 | 24 | -272.6 | -427.8 | 21.2 | -13.5 | 20.1 |
| 52ND | 624.50 | -34.6 | -53.9 | 3247 | 1952 | -10.6 | -27.6 | -37 | 24 | -237.7 | -374.4 | 16.2 | -10.3 | 17.3 |
| 53RD | 637.00 | -34.2 | -54.3 | 3247 | 1952 | -10.5 | -27.8 | -36 | 23 | -203.2 | -320.5 | 11.9 | -7.6 | 14.5 |

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

RELIANCE CENTER, DENVER FEB 23, 1982
CONFIGURATION A REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

| FLOOR | HEIGHT | FORCE (KIPS) | | AREA (SQ FT) | | PRESSURE (PSF) | | ECCEN (FT) | | SHEAR (KIPS) | | MOMENT (1000-FT-KIPS) | | |
|-------|--------|--------------|-------|--------------|------|----------------|-------|------------|----|--------------|--------|-----------------------|------|------|
| | | X | Y | X | Y | X | Y | X | Y | X | Y | X | Y | Z |
| 54TH | 649.50 | -33.9 | -54.7 | 3247 | 1952 | -10.4 | -28.0 | -36 | 22 | -168.9 | -266.2 | 8.2 | -5.3 | 11.8 |
| 55TH | 662.00 | -33.6 | -55.1 | 3247 | 1952 | -10.3 | -28.2 | -36 | 22 | -135.0 | -211.6 | 5.2 | -3.4 | 9.0 |
| 56TH | 674.50 | -36.7 | -56.6 | 3247 | 2067 | -11.3 | -27.4 | -28 | 18 | -101.4 | -156.5 | 2.9 | -1.9 | 6.4 |
| 57TH | 687.00 | -33.0 | -51.1 | 3247 | 2039 | -10.2 | -25.1 | -29 | 19 | -64.7 | -99.9 | 1.3 | -.8 | 4.1 |
| PARA | 699.50 | -31.7 | -48.8 | 3507 | 2157 | -9.1 | -22.6 | -29 | 19 | -31.7 | -48.8 | .4 | -.2 | 2.0 |
| TOP | 714.67 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 7. 5140 RELIANCE CENTER, DENVER CONFIRMATION A FEB 23, 1982
 PROJECT = 400 SCALE FACTOR SIDES = 1.32 REF. PRESSURE = 22.0
 NUMBER OF SIDES = 6 STANDARD FLOOR HEIGHT = 12.50
 NO. OF FLOORS = 55

| SIDE | ANGLE | 2-AXIS |
|------|-------|--------|
| 1 | 0.0 | 3.674 |
| 2 | 90.0 | 2.243 |
| 3 | 180.0 | 4.119 |
| 4 | 270.0 | 2.022 |
| 5 | 90.0 | 2.243 |
| 6 | 270.0 | .923 |

| FLOOR # | LABEL | HEIGHT-FT |
|---------|-------|-----------|
| 1 | 1ST | 18.00 |
| 2 | 2ND | 12.50 |
| 3 | 3RD | 12.50 |
| 4 | 4TH | 12.50 |
| 5 | 5TH | 12.50 |
| 6 | 6TH | 12.50 |
| 7 | 7TH | 12.50 |
| 8 | 8TH | 12.50 |
| 9 | 9TH | 12.50 |
| 10 | 10TH | 12.50 |
| 11 | 11TH | 12.50 |
| 12 | 12TH | 12.50 |
| 13 | 13TH | 12.50 |
| 14 | 14TH | 12.50 |
| 15 | 15TH | 12.50 |
| 16 | 16TH | 12.50 |
| 17 | 17TH | 12.50 |
| 18 | 18TH | 12.50 |
| 19 | 19TH | 12.50 |
| 20 | 20TH | 12.50 |
| 21 | 21ST | 12.50 |
| 22 | 22ND | 12.50 |
| 23 | 23RD | 12.50 |
| 24 | 24TH | 12.50 |
| 25 | 25TH | 12.50 |
| 26 | 26TH | 12.50 |
| 27 | 27TH | 12.50 |
| 28 | 28TH | 12.50 |
| 29 | 29TH | 12.50 |
| 30 | 30TH | 12.50 |
| 31 | 31ST | 12.50 |
| 32 | 32ND | 12.50 |
| 33 | 33RD | 12.50 |
| 34 | 34TH | 12.50 |
| 35 | 35TH | 12.50 |
| 36 | 36TH | 12.50 |
| 37 | 37TH | 12.50 |
| 38 | 38TH | 12.50 |
| 39 | 39TH | 12.50 |
| 40 | 40TH | 12.50 |
| 41 | 41ST | 12.50 |
| 42 | 42ND | 12.50 |
| 43 | 43RD | 12.50 |
| 44 | 44TH | 12.50 |
| 45 | 45TH | 12.50 |
| 46 | 46TH | 12.50 |
| 47 | 47TH | 12.50 |
| 48 | 48TH | 12.50 |
| 49 | 49TH | 12.50 |
| 50 | 50TH | 12.50 |
| 51 | 51ST | 12.50 |
| 52 | 52ND | 12.50 |
| 53 | 53RD | 12.50 |
| 54 | 54TH | 12.50 |
| 55 | 55TH | 12.50 |
| 56 | 56TH | 12.50 |
| 57 | 57TH | 12.50 |
| 58 | 58TH | 12.50 |
| 59 | 59TH | 12.50 |
| 60 | 60TH | 12.50 |

APPENDIX A
PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.
Pressure tap designation is explained in Figure 3.

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | | | | | | |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|------|-------|--------|-------|-------|-------|---|------|------|-------|----|-----|
| 0 | 101 | - | 435 | .071 | -.243 | - | 726 | 0 | 151 | - | 248 | .143 | .398 | - | 949 | 0 | 201 | - | 356 | .132 | -.070 | -1 | 159 |
| 0 | 102 | - | 418 | .117 | -.103 | - | 662 | 0 | 152 | - | 253 | .161 | .348 | - | 971 | 0 | 202 | - | 291 | .131 | -.020 | -1 | 083 |
| 0 | 103 | - | 541 | .145 | -.172 | - | 311 | 0 | 153 | - | 360 | .191 | .275 | -1 | 237 | 0 | 203 | - | 596 | .247 | -.102 | -1 | 586 |
| 0 | 104 | - | 937 | .171 | -.273 | - | 529 | 0 | 154 | - | 211 | .155 | .716 | - | 412 | 0 | 204 | - | 775 | .255 | -.194 | -2 | 217 |
| 0 | 105 | -1 | 026 | .241 | -.405 | - | 954 | 0 | 155 | - | 415 | .159 | .939 | - | 242 | 0 | 205 | - | 782 | .229 | -.246 | -1 | 749 |
| 0 | 106 | -1 | 357 | .357 | -.092 | -2 | 716 | 0 | 156 | - | 571 | .160 | 1.001 | - | 153 | 0 | 206 | - | 494 | .148 | -.075 | -1 | 164 |
| 0 | 107 | - | 471 | .161 | 1.038 | - | 172 | 0 | 157 | - | 647 | .150 | 1.121 | - | 142 | 0 | 207 | - | 535 | .177 | -.014 | -1 | 277 |
| 0 | 108 | - | 499 | .226 | 1.146 | - | 298 | 0 | 158 | - | 551 | .165 | 1.056 | - | 072 | 0 | 208 | - | 115 | .098 | .307 | - | 540 |
| 0 | 109 | - | 388 | .233 | 1.091 | - | 474 | 0 | 159 | - | 469 | .148 | .976 | - | 123 | 0 | 209 | - | .009 | .123 | .590 | - | 490 |
| 0 | 110 | - | 029 | .331 | 1.153 | - | 913 | 0 | 160 | - | 440 | .165 | .004 | -1 | 325 | 0 | 210 | - | .129 | .109 | .239 | - | 766 |
| 0 | 111 | - | 461 | .114 | .098 | - | 911 | 0 | 161 | - | 467 | .168 | .027 | -1 | 141 | 0 | 211 | - | .111 | .092 | .154 | - | 617 |
| 0 | 112 | - | 471 | .118 | .025 | - | 982 | 0 | 162 | - | 566 | .196 | .042 | -1 | 325 | 0 | 212 | - | .141 | .133 | .230 | - | 730 |
| 0 | 113 | - | 350 | .096 | .016 | - | 867 | 0 | 163 | - | 864 | .228 | .228 | -1 | 796 | 0 | 213 | - | .247 | .182 | .257 | -1 | 012 |
| 0 | 114 | - | 381 | .117 | .075 | - | 851 | 0 | 164 | - | 928 | .263 | .274 | -2 | 156 | 0 | 214 | - | .060 | .060 | .187 | - | 251 |
| 0 | 115 | - | 227 | .130 | .675 | - | 229 | 0 | 165 | - | 874 | .248 | .304 | -1 | 947 | 0 | 215 | - | .064 | .123 | .556 | - | 510 |
| 0 | 116 | - | 282 | .139 | .794 | - | 366 | 0 | 166 | - | 723 | .175 | .203 | -1 | 541 | 0 | 216 | - | .010 | .128 | .531 | - | 339 |
| 0 | 117 | - | 334 | .137 | .878 | - | 142 | 0 | 167 | - | 679 | .215 | .017 | -1 | 536 | 0 | 217 | - | .028 | .147 | .627 | - | 384 |
| 0 | 118 | - | 284 | .128 | .691 | - | 291 | 0 | 168 | - | 052 | .167 | .594 | - | 596 | 0 | 218 | - | .019 | .159 | .643 | - | 445 |
| 0 | 119 | - | 238 | .126 | .688 | - | 87 | 0 | 169 | - | 167 | .232 | 1.134 | - | 750 | 0 | 219 | - | .022 | .183 | .886 | - | 474 |
| 0 | 120 | -1 | 005 | .203 | .309 | -1 | 833 | 0 | 170 | - | 145 | .159 | .567 | -1 | 155 | 0 | 220 | - | .257 | .087 | .015 | - | 784 |
| 0 | 121 | -1 | 139 | .244 | .373 | -1 | 902 | 0 | 171 | - | 096 | .152 | .443 | - | 934 | 0 | 221 | - | .234 | .076 | .006 | - | 685 |
| 0 | 122 | -1 | 337 | .300 | .309 | -2 | 302 | 0 | 172 | - | 175 | .201 | .404 | -1 | 109 | 0 | 222 | - | .206 | .085 | .039 | - | 723 |
| 0 | 123 | -1 | 441 | .185 | 1.063 | -1 | 412 | 0 | 173 | - | 265 | .235 | .624 | -1 | 384 | 0 | 223 | - | .302 | .139 | .030 | -1 | 208 |
| 0 | 124 | - | 399 | .225 | 1.050 | -1 | 463 | 0 | 174 | - | 112 | .176 | .783 | - | 447 | 0 | 224 | - | .558 | .198 | .093 | -1 | 582 |
| 0 | 125 | - | 400 | .124 | .103 | - | 831 | 0 | 175 | - | 324 | .169 | .884 | - | 265 | 0 | 225 | - | .600 | .192 | .133 | -1 | 546 |
| 0 | 126 | - | 367 | .111 | .105 | - | 797 | 0 | 176 | - | 500 | .203 | 1.155 | - | 162 | 0 | 226 | - | .380 | .126 | .043 | - | 915 |
| 0 | 127 | - | 344 | .133 | .238 | - | 861 | 0 | 177 | - | 545 | .263 | 1.136 | - | 155 | 0 | 227 | - | .386 | .152 | .068 | -1 | 139 |
| 0 | 128 | - | 170 | .133 | .684 | - | 328 | 0 | 178 | - | 452 | .191 | 1.118 | - | 210 | 0 | 228 | - | .092 | .085 | .215 | - | 565 |
| 0 | 129 | - | 343 | .140 | 1.013 | -1 | 174 | 0 | 179 | - | 367 | .184 | .923 | - | 263 | 0 | 229 | - | .019 | .102 | .434 | - | 488 |
| 0 | 130 | -1 | 048 | .236 | .270 | -1 | 842 | 0 | 180 | - | 421 | .186 | .015 | -1 | 531 | 0 | 230 | - | .099 | .090 | .281 | - | 567 |
| 0 | 131 | -1 | 443 | .373 | .188 | -2 | 673 | 0 | 181 | - | 431 | .178 | .057 | -1 | 253 | 0 | 231 | - | .099 | .097 | .151 | - | 707 |
| 0 | 132 | -1 | 081 | .334 | .058 | -2 | 443 | 0 | 182 | - | 538 | .230 | .024 | -1 | 573 | 0 | 232 | - | .096 | .097 | .253 | - | 623 |
| 0 | 133 | -1 | 480 | .208 | .178 | -1 | 344 | 0 | 183 | - | 752 | .251 | .107 | -1 | 761 | 0 | 233 | - | .153 | .143 | .182 | - | 844 |
| 0 | 134 | - | 431 | .226 | .256 | -1 | 299 | 0 | 184 | - | 849 | .247 | .219 | -2 | 180 | 0 | 234 | - | .069 | .109 | .276 | - | 519 |
| 0 | 135 | - | 412 | .223 | .508 | -1 | 204 | 0 | 185 | - | 842 | .247 | .274 | -2 | 097 | 0 | 235 | - | .011 | .091 | .419 | - | 291 |
| 0 | 136 | - | 325 | .138 | .110 | - | 868 | 0 | 186 | - | 630 | .166 | .046 | -1 | 279 | 0 | 236 | - | .027 | .102 | .724 | - | 250 |
| 0 | 137 | - | 328 | .103 | .069 | - | 622 | 0 | 187 | - | 638 | .203 | .047 | -1 | 633 | 0 | 237 | - | .001 | .093 | .451 | - | 277 |
| 0 | 138 | - | 136 | .140 | .590 | - | 405 | 0 | 188 | - | 051 | .143 | .523 | - | 736 | 0 | 238 | - | .029 | .105 | .480 | - | 327 |
| 0 | 139 | - | 354 | .153 | .896 | - | 220 | 0 | 189 | - | 065 | .160 | .877 | - | 732 | 0 | 239 | - | .093 | .106 | .431 | - | 464 |
| 0 | 140 | - | 406 | .093 | .126 | - | 879 | 0 | 190 | - | 148 | .139 | .374 | - | 826 | 0 | 240 | - | .211 | .048 | .079 | - | 464 |
| 0 | 141 | - | 417 | .106 | .083 | - | 943 | 0 | 191 | - | 114 | .131 | .353 | - | 812 | 0 | 241 | - | .208 | .045 | .075 | - | 571 |
| 0 | 142 | - | 501 | .131 | .158 | - | 533 | 0 | 192 | - | 167 | .159 | .323 | - | 808 | 0 | 242 | - | .195 | .046 | .052 | - | 560 |
| 0 | 143 | - | 784 | .193 | .083 | -1 | 519 | 0 | 193 | - | 313 | .245 | .709 | -1 | 302 | 0 | 243 | - | .228 | .089 | .041 | - | 871 |
| 0 | 144 | -1 | 234 | .333 | .227 | -1 | 327 | 0 | 194 | - | 082 | .220 | .623 | - | 809 | 0 | 244 | - | .356 | .130 | .034 | -1 | 101 |
| 0 | 145 | -1 | 249 | .357 | .268 | -2 | 510 | 0 | 195 | - | 173 | .167 | .834 | - | 414 | 0 | 245 | - | .398 | .121 | .089 | -1 | 085 |
| 0 | 146 | -1 | 003 | .246 | .305 | -2 | 194 | 0 | 196 | - | 328 | .189 | 1.066 | - | 188 | 0 | 246 | - | .252 | .081 | .007 | - | 714 |
| 0 | 147 | - | 523 | .188 | .355 | -1 | 352 | 0 | 197 | - | 364 | .210 | 1.039 | - | 154 | 0 | 247 | - | .281 | .104 | .109 | - | 764 |
| 0 | 148 | - | 286 | .164 | .904 | - | 555 | 0 | 198 | - | 292 | .195 | 1.051 | - | 210 | 0 | 248 | - | .049 | .062 | .203 | - | 387 |
| 0 | 149 | - | 254 | .1 | .070 | - | 306 | 0 | 199 | - | 230 | .192 | .870 | - | 391 | 0 | 249 | - | .031 | .064 | .232 | - | 368 |
| 0 | 150 | - | 584 | .247 | .509 | -1 | 500 | 0 | 200 | - | 363 | .135 | .016 | -1 | 164 | 0 | 250 | - | .071 | .073 | .207 | - | 428 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 0 | 251 | 090 | 070 | 153 | 601 | 0 | 301 | 152 | 023 | 094 | 263 | 0 | 351 | 048 | 041 | 136 | 214 |
| 0 | 252 | 074 | 069 | 162 | 585 | 0 | 302 | 154 | 026 | 063 | 272 | 0 | 352 | 045 | 039 | 124 | 178 |
| 0 | 253 | 098 | 100 | 191 | 753 | 0 | 303 | 134 | 039 | 062 | 401 | 0 | 353 | 038 | 040 | 162 | 140 |
| 0 | 254 | 065 | 082 | 232 | 484 | 0 | 304 | 129 | 063 | 048 | 553 | 0 | 401 | 354 | 113 | 078 | 911 |
| 0 | 255 | 046 | 072 | 230 | 368 | 0 | 305 | 149 | 072 | 029 | 603 | 0 | 402 | 400 | 123 | 021 | 979 |
| 0 | 256 | 041 | 066 | 237 | 300 | 0 | 306 | 143 | 035 | 025 | 325 | 0 | 403 | 431 | 128 | 066 | 041 |
| 0 | 257 | 070 | 061 | 278 | 307 | 0 | 307 | 140 | 027 | 052 | 282 | 0 | 404 | 379 | 108 | 042 | 968 |
| 0 | 258 | 125 | 065 | 169 | 614 | 0 | 308 | 139 | 024 | 068 | 251 | 0 | 405 | 389 | 118 | 005 | 950 |
| 0 | 259 | 156 | 070 | 257 | 455 | 0 | 309 | 112 | 041 | 108 | 283 | 0 | 406 | 388 | 116 | 108 | 962 |
| 0 | 260 | 154 | 029 | 043 | 312 | 0 | 310 | 147 | 024 | 007 | 339 | 0 | 407 | 428 | 138 | 048 | 209 |
| 0 | 261 | 163 | 028 | 068 | 289 | 0 | 311 | 144 | 024 | 018 | 290 | 0 | 408 | 420 | 128 | 063 | 984 |
| 0 | 262 | 161 | 025 | 073 | 352 | 0 | 312 | 155 | 024 | 078 | 284 | 0 | 409 | 462 | 140 | 045 | 085 |
| 0 | 263 | 165 | 040 | 054 | 428 | 0 | 313 | 158 | 023 | 094 | 294 | 0 | 410 | 445 | 167 | 086 | 232 |
| 0 | 264 | 236 | 082 | 029 | 687 | 0 | 314 | 157 | 025 | 059 | 308 | 0 | 411 | 468 | 170 | 018 | 285 |
| 0 | 265 | 263 | 081 | 009 | 737 | 0 | 315 | 159 | 036 | 018 | 474 | 0 | 412 | 478 | 170 | 021 | 281 |
| 0 | 266 | 177 | 036 | 016 | 457 | 0 | 316 | 160 | 051 | 021 | 436 | 0 | 413 | 407 | 162 | 023 | 485 |
| 0 | 267 | 185 | 039 | 039 | 557 | 0 | 317 | 138 | 028 | 052 | 261 | 0 | 414 | 421 | 172 | 067 | 425 |
| 0 | 268 | 104 | 044 | 082 | 332 | 0 | 318 | 139 | 026 | 047 | 289 | 0 | 415 | 424 | 164 | 024 | 193 |
| 0 | 269 | 058 | 039 | 132 | 239 | 0 | 319 | 143 | 023 | 016 | 246 | 0 | 416 | 340 | 118 | 034 | 051 |
| 0 | 270 | 071 | 044 | 150 | 334 | 0 | 320 | 126 | 027 | 012 | 227 | 0 | 417 | 371 | 131 | 006 | 110 |
| 0 | 271 | 089 | 041 | 064 | 348 | 0 | 321 | 126 | 031 | 034 | 237 | 0 | 418 | 369 | 133 | 044 | 039 |
| 0 | 272 | 080 | 047 | 185 | 566 | 0 | 322 | 149 | 020 | 075 | 230 | 0 | 419 | 263 | 071 | 017 | 58 |
| 0 | 273 | 098 | 055 | 114 | 430 | 0 | 323 | 157 | 025 | 080 | 275 | 0 | 420 | 276 | 079 | 044 | 225 |
| 0 | 274 | 078 | 033 | 121 | 400 | 0 | 324 | 172 | 029 | 078 | 222 | 0 | 421 | 277 | 076 | 041 | 626 |
| 0 | 275 | 072 | 030 | 119 | 330 | 0 | 325 | 154 | 028 | 078 | 291 | 0 | 422 | 201 | 039 | 049 | 419 |
| 0 | 276 | 074 | 048 | 096 | 305 | 0 | 326 | 179 | 043 | 019 | 362 | 0 | 423 | 218 | 043 | 070 | 410 |
| 0 | 277 | 096 | 051 | 114 | 378 | 0 | 327 | 167 | 045 | 064 | 494 | 0 | 424 | 220 | 045 | 084 | 455 |
| 0 | 278 | 133 | 054 | 119 | 364 | 0 | 328 | 139 | 027 | 030 | 288 | 0 | 425 | 157 | 027 | 041 | 239 |
| 0 | 279 | 202 | 059 | 058 | 467 | 0 | 329 | 146 | 032 | 032 | 309 | 0 | 426 | 170 | 025 | 060 | 262 |
| 0 | 280 | 176 | 023 | 094 | 256 | 0 | 330 | 136 | 025 | 030 | 258 | 0 | 427 | 199 | 034 | 103 | 56 |
| 0 | 281 | 167 | 022 | 054 | 237 | 0 | 331 | 125 | 027 | 019 | 232 | 0 | 428 | 176 | 020 | 090 | 256 |
| 0 | 282 | 131 | 026 | 011 | 213 | 0 | 332 | 141 | 025 | 014 | 300 | 0 | 429 | 172 | 022 | 097 | 256 |
| 0 | 283 | 091 | 038 | 153 | 201 | 0 | 333 | 148 | 022 | 038 | 255 | 0 | 430 | 171 | 023 | 090 | 266 |
| 0 | 284 | 099 | 046 | 164 | 244 | 0 | 334 | 149 | 023 | 071 | 265 | 0 | 431 | 166 | 025 | 080 | 337 |
| 0 | 285 | 068 | 042 | 112 | 208 | 0 | 335 | 167 | 031 | 088 | 328 | 0 | 432 | 160 | 026 | 078 | 275 |
| 0 | 286 | 054 | 040 | 126 | 192 | 0 | 336 | 141 | 028 | 071 | 288 | 0 | 433 | 155 | 027 | 066 | 380 |
| 0 | 287 | 057 | 038 | 122 | 192 | 0 | 337 | 135 | 023 | 064 | 232 | 0 | 434 | 156 | 029 | 059 | 342 |
| 0 | 288 | 050 | 040 | 150 | 147 | 0 | 338 | 128 | 032 | 045 | 244 | 0 | 435 | 147 | 021 | 080 | 240 |
| 0 | 289 | 044 | 036 | 129 | 199 | 0 | 339 | 114 | 034 | 046 | 247 | 0 | 436 | 137 | 024 | 020 | 248 |
| 0 | 290 | 047 | 038 | 150 | 232 | 0 | 340 | 047 | 037 | 110 | 168 | 0 | 437 | 173 | 022 | 089 | 253 |
| 0 | 291 | 055 | 039 | 107 | 265 | 0 | 341 | 047 | 036 | 136 | 180 | 0 | 438 | 181 | 021 | 106 | 253 |
| 0 | 292 | 052 | 038 | 117 | 185 | 0 | 342 | 033 | 039 | 156 | 156 | 0 | 439 | 202 | 022 | 127 | 281 |
| 0 | 293 | 062 | 045 | 134 | 308 | 0 | 343 | 035 | 038 | 186 | 166 | 0 | 440 | 197 | 022 | 115 | 277 |
| 0 | 294 | 037 | 047 | 288 | 154 | 0 | 344 | 001 | 061 | 393 | 142 | 0 | 441 | 176 | 020 | 102 | 254 |
| 0 | 295 | 022 | 073 | 371 | 218 | 0 | 345 | 017 | 052 | 224 | 137 | 0 | 442 | 174 | 020 | 114 | 259 |
| 0 | 296 | 007 | 089 | 594 | 208 | 0 | 346 | 017 | 053 | 379 | 164 | 0 | 443 | 175 | 021 | 111 | 264 |
| 0 | 297 | 021 | 079 | 392 | 204 | 0 | 347 | 020 | 047 | 217 | 140 | 0 | 444 | 179 | 027 | 102 | 297 |
| 0 | 298 | 128 | 039 | 081 | 284 | 0 | 348 | 024 | 044 | 236 | 147 | 0 | 445 | 158 | 021 | 083 | 221 |
| 0 | 299 | 163 | 042 | 210 | 344 | 0 | 349 | 018 | 044 | 169 | 128 | 0 | 446 | 157 | 023 | 071 | 247 |
| 0 | 300 | 151 | 027 | 042 | 280 | 0 | 350 | 034 | 040 | 203 | 145 | 0 | 447 | 153 | 022 | 071 | 254 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|---------|----|-----|--------|-------|-------|-------|
| 0 | 448 | .048 | .042 | .131 | -.280 | 0 | 531 | -.513 | .172 | -.053 | -1.3399 | 0 | 581 | -.187 | .027 | -.072 | -.277 |
| 0 | 449 | -.048 | .044 | .153 | -.285 | 0 | 532 | -.479 | .149 | -.151 | -1.5444 | 0 | 582 | -.178 | .024 | -.072 | -.277 |
| 0 | 450 | -.084 | .034 | .065 | -.285 | 0 | 533 | -.409 | .102 | -.083 | -.9644 | 0 | 583 | -.186 | .026 | -.108 | -.324 |
| 0 | 451 | -.130 | .066 | .027 | -.606 | 0 | 534 | -.414 | .134 | -.096 | -1.2227 | 0 | 584 | -.176 | .023 | -.070 | -.300 |
| 0 | 452 | -.135 | .069 | .043 | -.658 | 0 | 535 | -.425 | .158 | -.044 | -1.2886 | 0 | 585 | -.175 | .028 | -.063 | -.288 |
| 0 | 453 | -.104 | .035 | .048 | -.311 | 0 | 536 | -.426 | .155 | -.056 | -1.2883 | 0 | 586 | -.173 | .027 | -.077 | -.277 |
| 0 | 454 | -.119 | .037 | .088 | -.325 | 0 | 537 | -.607 | .194 | -.112 | -1.3888 | 0 | 587 | -.175 | .025 | -.072 | -.260 |
| 0 | 455 | -.106 | .030 | .055 | -.247 | 0 | 538 | -.541 | .198 | -.028 | -1.6777 | 0 | 588 | -.176 | .025 | -.056 | -.279 |
| 0 | 456 | -.126 | .034 | -.023 | -.362 | 0 | 539 | -.569 | .193 | -.028 | -1.7339 | 0 | 589 | -.173 | .023 | -.053 | -.269 |
| 0 | 457 | -.038 | .040 | .136 | -.154 | 0 | 540 | -.552 | .191 | -.049 | -1.5333 | 0 | 590 | -.168 | .021 | -.084 | -.248 |
| 0 | 458 | -.036 | .041 | .165 | -.166 | 0 | 541 | -.473 | .151 | -.040 | -1.2955 | 0 | 591 | -.162 | .022 | -.075 | -.243 |
| 0 | 459 | -.028 | .050 | .251 | -.176 | 0 | 542 | -.383 | .109 | -.085 | -1.1772 | 0 | 592 | -.284 | .087 | -.008 | -.797 |
| 0 | 460 | -.069 | .039 | .177 | -.207 | 0 | 543 | -.349 | .129 | -.121 | -1.3066 | 0 | 593 | -.270 | .050 | -.025 | -.678 |
| 0 | 461 | -.119 | .027 | -.019 | -.235 | 0 | 544 | -.364 | .171 | -.028 | -1.3799 | 0 | 594 | -.203 | .078 | -.016 | -.540 |
| 0 | 462 | -.141 | .058 | -.110 | -.521 | 0 | 545 | -.384 | .171 | -.001 | -1.5600 | 0 | 595 | -.183 | .029 | -.068 | -.414 |
| 0 | 463 | -.136 | .050 | .079 | -.474 | 0 | 546 | -.614 | .201 | -.144 | -1.6884 | 0 | 596 | -.174 | .022 | -.079 | -.269 |
| 0 | 464 | -.131 | .046 | .063 | -.426 | 0 | 547 | -.566 | .203 | -.030 | -2.5418 | 0 | 597 | -.172 | .023 | -.096 | -.248 |
| 0 | 465 | -.123 | .041 | .079 | -.305 | 0 | 548 | -.492 | .191 | -.093 | -2.0539 | 0 | 598 | -.178 | .023 | -.094 | -.207 |
| 0 | 466 | -.129 | .043 | .055 | -.295 | 0 | 549 | -.440 | .166 | -.043 | -1.3339 | 0 | 599 | -.183 | .025 | -.099 | -.291 |
| 0 | 467 | -.130 | .044 | .091 | -.302 | 0 | 550 | -.353 | .129 | -.061 | -1.0483 | 0 | 600 | -.167 | .029 | -.037 | -.200 |
| 0 | 500 | -.380 | .083 | -.099 | -.760 | 0 | 551 | -.276 | .080 | -.054 | -1.7888 | 0 | 601 | -.169 | .025 | -.070 | -.265 |
| 0 | 501 | -.378 | .081 | -.144 | -.901 | 0 | 552 | -.241 | .075 | -.013 | -.9166 | 0 | 602 | -.165 | .025 | -.059 | -.248 |
| 0 | 502 | -.408 | .113 | -.024 | -.379 | 0 | 553 | -.261 | .116 | -.013 | -1.0889 | 0 | 603 | -.177 | .022 | -.092 | -.271 |
| 0 | 503 | -.408 | .133 | -.004 | -.238 | 0 | 554 | -.262 | .126 | -.002 | -1.4215 | 0 | 604 | -.166 | .020 | -.078 | -.232 |
| 0 | 504 | -.406 | .133 | -.004 | -.238 | 0 | 555 | -.185 | .185 | -.062 | -1.716 | 0 | 605 | -.164 | .019 | -.088 | -.234 |
| 0 | 505 | -.374 | .118 | -.033 | -.168 | 0 | 556 | -.428 | .168 | -.038 | -1.552 | 0 | 606 | -.182 | .021 | -.083 | -.227 |
| 0 | 506 | -.324 | .091 | -.033 | -.846 | 0 | 557 | -.341 | .129 | -.088 | -1.416 | 0 | 607 | -.227 | .078 | -.033 | -.527 |
| 0 | 507 | -.331 | .095 | -.056 | -.774 | 0 | 558 | -.282 | .088 | -.016 | -.832 | 0 | 608 | -.207 | .070 | -.040 | -.648 |
| 0 | 508 | -.330 | .106 | -.017 | -.969 | 0 | 559 | -.244 | .068 | -.020 | -.638 | 0 | 609 | -.166 | .040 | -.019 | -.430 |
| 0 | 509 | -.338 | .104 | .040 | -.794 | 0 | 560 | -.205 | .049 | -.045 | -.486 | 0 | 610 | -.172 | .026 | -.052 | -.253 |
| 0 | 510 | -.339 | .080 | .056 | -.819 | 0 | 561 | -.189 | .043 | -.070 | -.518 | 0 | 611 | -.171 | .027 | -.069 | -.296 |
| 0 | 511 | -.350 | .082 | -.139 | -.082 | 0 | 562 | -.188 | .052 | -.004 | -.582 | 0 | 612 | -.171 | .025 | -.071 | -.279 |
| 0 | 512 | -.367 | .084 | -.146 | -.817 | 0 | 563 | -.191 | .056 | -.013 | -.566 | 0 | 613 | -.169 | .023 | -.092 | -.272 |
| 0 | 513 | -.384 | .093 | -.092 | -.969 | 0 | 564 | -.309 | .134 | -.007 | -1.148 | 0 | 614 | -.188 | .020 | -.083 | -.229 |
| 0 | 514 | -.372 | .092 | -.062 | -.753 | 0 | 565 | -.309 | .134 | -.007 | -1.148 | 0 | 615 | -.163 | .021 | -.078 | -.225 |
| 0 | 515 | -.354 | .082 | -.087 | -.862 | 0 | 566 | -.275 | .115 | -.014 | -1.107 | 0 | 616 | -.162 | .019 | -.071 | -.234 |
| 0 | 516 | -.336 | .092 | -.117 | -.846 | 0 | 567 | -.231 | .067 | -.032 | -.725 | 0 | 617 | -.173 | .024 | -.099 | -.272 |
| 0 | 517 | -.334 | .096 | -.069 | -.833 | 0 | 568 | -.300 | .078 | -.076 | -.690 | 0 | 618 | -.178 | .023 | -.090 | -.286 |
| 0 | 518 | -.343 | .097 | -.101 | -.885 | 0 | 569 | -.191 | .041 | -.047 | -.432 | 0 | 619 | -.179 | .026 | -.106 | -.310 |
| 0 | 519 | -.376 | .090 | -.108 | -.070 | 0 | 570 | -.174 | .032 | -.036 | -.345 | 0 | 701 | -.056 | .148 | -.536 | -.607 |
| 0 | 520 | -.390 | .103 | -.071 | -.093 | 0 | 571 | -.167 | .032 | -.052 | -.307 | 0 | 702 | -.249 | .161 | -.698 | -.877 |
| 0 | 521 | -.396 | .103 | -.040 | -.932 | 0 | 572 | -.165 | .036 | -.047 | -.352 | 0 | 703 | -.399 | .162 | 1.046 | -.504 |
| 0 | 522 | -.415 | .096 | -.101 | -.896 | 0 | 573 | -.169 | .041 | -.009 | -.357 | 0 | 704 | -.248 | .187 | -.837 | -.534 |
| 0 | 523 | -.422 | .093 | -.146 | -.903 | 0 | 574 | -.207 | .035 | -.025 | -.395 | 0 | 705 | -.316 | .199 | 1.107 | -.554 |
| 0 | 524 | -.381 | .080 | -.110 | -.785 | 0 | 575 | -.214 | .037 | -.068 | -.374 | 0 | 706 | -.388 | .175 | -.691 | -.607 |
| 0 | 525 | -.361 | .098 | -.130 | -.959 | 0 | 576 | -.183 | .023 | -.075 | -.279 | 0 | 707 | -.127 | .215 | -.691 | -.907 |
| 0 | 526 | -.393 | .118 | -.096 | -.111 | 0 | 577 | -.292 | .086 | -.079 | -.901 | 0 | 708 | -.206 | .243 | -.900 | -.820 |
| 0 | 527 | -.402 | .130 | -.060 | -.084 | 0 | 578 | -.283 | .080 | -.075 | -.740 | 0 | 709 | -.226 | .197 | -.866 | -.534 |
| 0 | 528 | -.482 | .153 | -.085 | -.483 | 0 | 579 | -.228 | .056 | -.037 | -.611 | 0 | 710 | -.004 | .211 | -.641 | -.671 |
| 0 | 529 | -.480 | .168 | -.029 | -.431 | 0 | 580 | -.196 | .035 | -.025 | -.474 | 0 | 711 | -.051 | .256 | -.848 | -.788 |
| 0 | 530 | -.494 | .166 | -.035 | -.270 | 0 | 581 | -.185 | .026 | -.084 | -.286 | 0 | | | | | |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 0 | 712 | .042 | .209 | .675 | -.666 | 0 | 762 | -.173 | .020 | -.095 | -.275 | 0 | 940 | -.122 | .048 | .021 | -.485 |
| 0 | 713 | -.107 | .209 | .707 | -.932 | 0 | 763 | -.175 | .021 | -.106 | -.244 | 0 | 941 | -.122 | .036 | .021 | -.301 |
| 0 | 714 | -.083 | .217 | .648 | -.034 | 0 | 764 | -.188 | .021 | -.109 | -.277 | 0 | 942 | -.124 | .044 | .019 | -.414 |
| 0 | 715 | -.065 | .184 | .671 | -.854 | 0 | 765 | -.180 | .021 | -.104 | -.256 | 0 | 943 | -.135 | .049 | .033 | -.464 |
| 0 | 716 | -.149 | .156 | .500 | -.763 | 0 | 766 | -.126 | .040 | -.047 | -.360 | 0 | 944 | -.113 | .034 | .033 | -.291 |
| 0 | 717 | -.122 | .137 | .487 | -.761 | 0 | 767 | -.186 | .023 | -.111 | -.277 | 0 | 945 | -.146 | .024 | -.007 | -.298 |
| 0 | 718 | -.140 | .130 | .541 | -.788 | 0 | 801 | -.171 | .019 | -.099 | -.246 | 0 | 946 | -.120 | .029 | -.024 | -.258 |
| 0 | 719 | -.255 | .088 | .188 | -.568 | 0 | 802 | -.171 | .022 | -.083 | -.246 | 0 | 947 | -.147 | .024 | -.052 | -.260 |
| 0 | 720 | -.190 | .084 | .251 | -.511 | 0 | 803 | -.227 | .029 | -.142 | -.343 | 0 | 948 | -.146 | .027 | -.007 | -.354 |
| 0 | 721 | -.202 | .070 | .383 | -.499 | 0 | 804 | -.183 | .027 | -.057 | -.294 | 0 | 949 | -.145 | .029 | -.050 | -.350 |
| 0 | 722 | -.251 | .063 | .046 | -.579 | 0 | 805 | -.175 | .033 | -.014 | -.350 | 0 | 950 | -.142 | .026 | -.057 | -.313 |
| 0 | 723 | -.201 | .067 | .227 | -.534 | 0 | 901 | -.184 | .151 | .472 | .640 | 0 | 951 | -.125 | .026 | -.045 | -.251 |
| 0 | 724 | -.197 | .059 | .047 | -.466 | 0 | 902 | -.268 | .103 | .252 | .645 | 0 | 952 | -.130 | .028 | -.024 | -.317 |
| 0 | 725 | -.189 | .047 | -.024 | -.497 | 0 | 903 | -.343 | .108 | .090 | .820 | 0 | 953 | -.125 | .028 | -.019 | -.263 |
| 0 | 726 | -.161 | .049 | .045 | -.409 | 0 | 904 | -.435 | .124 | -.066 | -.928 | 0 | 954 | -.123 | .028 | -.019 | -.258 |
| 0 | 727 | -.176 | .044 | .005 | -.404 | 0 | 905 | -.591 | .147 | -.036 | -.231 | 10 | 101 | -.351 | .040 | -.248 | -.510 |
| 0 | 728 | -.116 | .035 | .041 | -.302 | 0 | 906 | -.317 | .143 | .142 | -.986 | 10 | 102 | -.291 | .058 | -.105 | -.667 |
| 0 | 729 | -.096 | .032 | .035 | -.240 | 0 | 907 | -.388 | .123 | .045 | -.984 | 10 | 103 | -.279 | .077 | -.017 | -.925 |
| 0 | 730 | -.116 | .032 | -.026 | -.278 | 0 | 908 | -.496 | .114 | -.069 | -.975 | 10 | 104 | -.645 | .240 | -.043 | -.347 |
| 0 | 731 | -.115 | .033 | .031 | -.386 | 0 | 909 | -.569 | .118 | -.166 | -.090 | 10 | 105 | -.896 | .254 | .068 | -.734 |
| 0 | 732 | -.116 | .039 | .062 | -.283 | 0 | 910 | -.455 | .124 | -.060 | -.119 | 10 | 106 | -.967 | .452 | -.2 | -.342 |
| 0 | 733 | -.121 | .043 | .053 | -.414 | 0 | 911 | -.702 | .208 | .054 | -.452 | 10 | 107 | -.439 | .214 | 1.040 | -.216 |
| 0 | 734 | -.117 | .044 | .048 | -.414 | 0 | 912 | -.518 | .129 | .101 | -.198 | 10 | 108 | -.320 | .224 | 1.093 | -.418 |
| 0 | 735 | -.105 | .035 | .089 | -.219 | 0 | 913 | -.152 | .026 | -.005 | -.244 | 10 | 109 | -.189 | .217 | 1.109 | -.375 |
| 0 | 736 | -.111 | .035 | .055 | -.231 | 0 | 914 | -.147 | .023 | .024 | -.230 | 10 | 110 | -.438 | .300 | 1.203 | -.598 |
| 0 | 737 | -.109 | .030 | .014 | -.233 | 0 | 915 | -.829 | .200 | .200 | -.467 | 10 | 111 | -.077 | .195 | .697 | -.603 |
| 0 | 738 | -.109 | .027 | .021 | -.233 | 0 | 916 | -.591 | .161 | .023 | -.261 | 10 | 112 | -.357 | .167 | .367 | -.891 |
| 0 | 739 | -.110 | .030 | .000 | -.219 | 0 | 917 | -.029 | .074 | .460 | -.223 | 10 | 113 | -.205 | .132 | .307 | -.741 |
| 0 | 740 | -.114 | .037 | .048 | -.254 | 0 | 918 | -.044 | .079 | .450 | -.225 | 10 | 114 | -.176 | .178 | .579 | -.955 |
| 0 | 741 | -.113 | .039 | .041 | -.340 | 0 | 919 | -.172 | .212 | .616 | -.827 | 10 | 115 | -.314 | .178 | .888 | -.377 |
| 0 | 742 | -.125 | .047 | .120 | -.476 | 0 | 920 | -.109 | .036 | .062 | -.218 | 10 | 116 | -.324 | .178 | .835 | -.351 |
| 0 | 743 | -.138 | .044 | .042 | -.296 | 0 | 921 | -.814 | .179 | .150 | -.474 | 10 | 117 | -.321 | .162 | .828 | -.317 |
| 0 | 744 | -.139 | .042 | .028 | -.333 | 0 | 922 | -.169 | .160 | -.202 | -.616 | 10 | 118 | -.246 | .143 | .766 | -.248 |
| 0 | 745 | -.129 | .044 | .118 | -.293 | 0 | 923 | -.582 | .161 | -.036 | -.330 | 10 | 119 | -.131 | .130 | .558 | -.395 |
| 0 | 746 | -.122 | .043 | .142 | -.270 | 0 | 924 | -.550 | .140 | -.146 | -.306 | 10 | 120 | -.748 | .292 | -.1 | -.807 |
| 0 | 747 | -.117 | .047 | .172 | -.359 | 0 | 925 | -.009 | .140 | -.498 | -.218 | 10 | 121 | -.932 | .307 | -.006 | -.730 |
| 0 | 748 | -.097 | .046 | .077 | -.426 | 0 | 926 | -.113 | .065 | .114 | -.481 | 10 | 122 | -.807 | .432 | -.395 | -.738 |
| 0 | 749 | -.088 | .048 | .089 | -.457 | 0 | 927 | -.115 | .166 | 1.064 | -.737 | 10 | 123 | -.383 | .208 | 1.028 | -.292 |
| 0 | 750 | -.047 | .047 | .162 | -.173 | 0 | 928 | -.075 | .228 | .639 | -.121 | 10 | 124 | -.325 | .219 | 1.183 | -.331 |
| 0 | 751 | -.016 | .057 | .277 | -.138 | 0 | 929 | -.439 | .147 | .198 | -.980 | 10 | 125 | -.032 | .176 | .572 | -.623 |
| 0 | 752 | -.021 | .059 | .286 | -.159 | 0 | 930 | -.031 | .071 | .495 | -.215 | 10 | 126 | -.188 | .142 | .406 | -.870 |
| 0 | 753 | -.111 | .034 | .041 | -.278 | 0 | 931 | -.077 | .057 | .419 | -.256 | 10 | 127 | -.020 | .200 | .621 | -.798 |
| 0 | 754 | -.069 | .032 | .054 | -.195 | 0 | 932 | -.043 | .066 | .884 | -.253 | 10 | 128 | -.366 | .180 | .989 | -.328 |
| 0 | 755 | -.125 | .033 | .002 | -.269 | 0 | 933 | -.149 | .026 | -.043 | -.284 | 10 | 129 | -.477 | .197 | 1.054 | -.165 |
| 0 | 756 | -.095 | .033 | .055 | -.221 | 0 | 934 | -.115 | .033 | .059 | -.270 | 10 | 130 | -.737 | .285 | 1.102 | -.524 |
| 0 | 757 | -.124 | .032 | .048 | -.314 | 0 | 935 | -.083 | .041 | .161 | -.277 | 10 | 131 | -.135 | .467 | .130 | -.466 |
| 0 | 758 | -.074 | .044 | .196 | -.259 | 0 | 936 | -.105 | .034 | .005 | -.303 | 10 | 132 | -.782 | .425 | .413 | -.731 |
| 0 | 759 | -.030 | .044 | .239 | -.133 | 0 | 937 | -.097 | .040 | .111 | -.367 | 10 | 133 | -.457 | .212 | 1.167 | -.358 |
| 0 | 760 | -.001 | .059 | .315 | -.118 | 0 | 938 | -.096 | .035 | .040 | -.313 | 10 | 134 | -.412 | .272 | 1.208 | -.522 |
| 0 | 761 | -.011 | .057 | .315 | -.137 | 0 | 939 | -.101 | .044 | .104 | -.369 | 10 | 135 | -.102 | .247 | .839 | -.914 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 10 | 136 | -.162 | .144 | .381 | -.770 | 10 | 186 | -.443 | .181 | .375 | -1.122 | 10 | 236 | -.006 | .058 | .305 | -.204 |
| 10 | 137 | -.047 | .137 | .376 | -.600 | 10 | 187 | -.392 | .232 | .456 | -1.291 | 10 | 237 | -.066 | .058 | .234 | -.307 |
| 10 | 138 | -.362 | .189 | 1.047 | -.333 | 10 | 188 | -.030 | .124 | .528 | -.365 | 10 | 238 | -.141 | .062 | .291 | -.381 |
| 10 | 139 | -.482 | .189 | 1.061 | -.112 | 10 | 189 | .189 | .132 | .762 | -.261 | 10 | 239 | -.197 | .076 | .208 | -.514 |
| 10 | 140 | -.347 | .054 | -.188 | -.603 | 10 | 190 | .095 | .126 | .614 | -.335 | 10 | 240 | -.253 | .068 | -.044 | -.564 |
| 10 | 141 | -.307 | .050 | -.153 | -.513 | 10 | 191 | .094 | .116 | .547 | -.433 | 10 | 241 | -.241 | .058 | -.067 | -.468 |
| 10 | 142 | -.280 | .067 | -.004 | -.619 | 10 | 192 | .106 | .128 | .561 | -.780 | 10 | 242 | -.200 | .046 | .002 | -.493 |
| 10 | 143 | -.366 | .142 | .061 | -1.201 | 10 | 193 | .073 | .198 | .622 | -.951 | 10 | 243 | -.197 | .061 | .039 | -.521 |
| 10 | 144 | .904 | .395 | .082 | -2.178 | 10 | 194 | .153 | .154 | .754 | -.505 | 10 | 244 | -.306 | .103 | .037 | -.745 |
| 10 | 145 | -1.205 | .415 | -.070 | -.830 | 10 | 195 | .214 | .131 | .784 | -.152 | 10 | 245 | -.379 | .110 | -.014 | -.833 |
| 10 | 146 | -.747 | .318 | .241 | -1.925 | 10 | 196 | .220 | .135 | .855 | -.168 | 10 | 246 | -.201 | .078 | .186 | -.486 |
| 10 | 147 | -.251 | .243 | .679 | -1.180 | 10 | 197 | .188 | .157 | .946 | -.204 | 10 | 247 | -.171 | .101 | .206 | -.566 |
| 10 | 148 | -.346 | .166 | .996 | -.358 | 10 | 198 | .084 | .153 | .764 | -.256 | 10 | 248 | -.049 | .061 | .266 | -.273 |
| 10 | 149 | .418 | 1.063 | 1.063 | -.419 | 10 | 199 | .007 | .157 | .691 | -.373 | 10 | 249 | .008 | .053 | .238 | -.227 |
| 10 | 150 | -.016 | .293 | .993 | -1.053 | 10 | 200 | -.275 | .067 | -.081 | -.728 | 10 | 250 | -.001 | .059 | .353 | -.200 |
| 10 | 151 | -.013 | .141 | .490 | -.685 | 10 | 201 | .263 | .059 | -.058 | -.612 | 10 | 251 | -.015 | .057 | .286 | -.417 |
| 10 | 152 | -.079 | .169 | .727 | -.606 | 10 | 202 | .115 | .001 | .113 | -.118 | 10 | 252 | -.010 | .056 | .270 | -.245 |
| 10 | 153 | .089 | .244 | .739 | -.902 | 10 | 203 | .317 | .165 | .067 | -1.557 | 10 | 253 | -.031 | .056 | .254 | -.220 |
| 10 | 154 | .429 | .189 | 1.026 | -.303 | 10 | 204 | .588 | .225 | .088 | -1.634 | 10 | 254 | -.031 | .058 | .202 | -.289 |
| 10 | 155 | .527 | .197 | 1.123 | -.102 | 10 | 205 | .648 | .194 | .015 | -1.564 | 10 | 255 | -.032 | .055 | .190 | -.291 |
| 10 | 156 | .592 | .185 | 1.042 | -.027 | 10 | 206 | .317 | .143 | .361 | -.876 | 10 | 256 | -.046 | .049 | .181 | -.298 |
| 10 | 157 | .543 | .184 | 1.146 | -.032 | 10 | 207 | .301 | .182 | .347 | -.990 | 10 | 257 | -.111 | .048 | .085 | -.310 |
| 10 | 158 | .447 | .182 | .929 | -.152 | 10 | 208 | .013 | .092 | .406 | -.379 | 10 | 258 | -.193 | .049 | .089 | -.404 |
| 10 | 159 | .320 | .173 | .889 | -.319 | 10 | 209 | .103 | .088 | .520 | -.163 | 10 | 259 | -.244 | .054 | .007 | -.521 |
| 10 | 160 | .278 | .055 | -.076 | -.745 | 10 | 210 | .065 | .096 | .418 | -.254 | 10 | 260 | -.187 | .050 | .053 | -.493 |
| 10 | 161 | .271 | .069 | -.046 | -.777 | 10 | 211 | .047 | .084 | .413 | -.327 | 10 | 261 | -.190 | .046 | .039 | -.355 |
| 10 | 162 | .282 | .107 | .030 | -1.108 | 10 | 212 | .057 | .095 | .450 | -.318 | 10 | 262 | -.164 | .032 | .067 | -.323 |
| 10 | 163 | .529 | .277 | .021 | -1.560 | 10 | 213 | .047 | .123 | .440 | -.828 | 10 | 263 | -.151 | .042 | -.025 | -.504 |
| 10 | 164 | .850 | .247 | -.027 | -1.883 | 10 | 214 | .081 | .054 | .297 | -.086 | 10 | 264 | -.199 | .077 | .002 | -.562 |
| 10 | 165 | .867 | .208 | -.152 | -1.928 | 10 | 215 | .084 | .106 | .503 | -.258 | 10 | 265 | -.261 | .080 | .030 | -.621 |
| 10 | 166 | .520 | .187 | -.055 | -1.055 | 10 | 216 | .077 | .102 | .625 | -.240 | 10 | 266 | -.140 | .066 | .211 | -.410 |
| 10 | 167 | .439 | .259 | .602 | -1.361 | 10 | 217 | .036 | .121 | .740 | -.335 | 10 | 267 | -.132 | .077 | .174 | -.603 |
| 10 | 168 | .129 | .140 | .730 | -.389 | 10 | 218 | -.045 | .116 | .516 | -.333 | 10 | 268 | -.061 | .056 | .188 | -.312 |
| 10 | 169 | .344 | .183 | .924 | -.470 | 10 | 219 | .111 | .123 | .455 | -.537 | 10 | 269 | -.021 | .044 | .252 | -.181 |
| 10 | 170 | .145 | .169 | .732 | -.370 | 10 | 220 | -.346 | .079 | -.138 | -.704 | 10 | 270 | -.023 | .041 | .151 | -.248 |
| 10 | 171 | .159 | .143 | .644 | -.595 | 10 | 221 | .306 | .068 | -.107 | -.695 | 10 | 271 | -.036 | .044 | .208 | -.218 |
| 10 | 172 | .163 | .166 | .776 | -.509 | 10 | 222 | .230 | .054 | -.066 | -.514 | 10 | 272 | -.039 | .048 | .183 | -.266 |
| 10 | 173 | .134 | .222 | .963 | -.847 | 10 | 223 | .280 | .107 | -.020 | -.921 | 10 | 273 | -.048 | .046 | .241 | -.259 |
| 10 | 174 | .319 | .177 | 1.037 | -.319 | 10 | 224 | .408 | .165 | .106 | -1.167 | 10 | 274 | -.073 | .047 | .112 | -.326 |
| 10 | 175 | .392 | .177 | .982 | -.176 | 10 | 225 | .497 | .152 | .115 | -1.208 | 10 | 275 | -.068 | .044 | .096 | -.245 |
| 10 | 176 | .431 | .199 | 1.042 | -.085 | 10 | 226 | .265 | .104 | .245 | -.621 | 10 | 276 | -.078 | .041 | .062 | -.252 |
| 10 | 177 | .380 | .200 | .947 | -.183 | 10 | 227 | .233 | .134 | .368 | -.855 | 10 | 277 | -.125 | .041 | .004 | -.316 |
| 10 | 178 | .273 | .196 | .926 | -.319 | 10 | 228 | .030 | .078 | .434 | -.316 | 10 | 278 | -.186 | .045 | -.021 | -.352 |
| 10 | 179 | .162 | .186 | .764 | -.391 | 10 | 229 | .046 | .069 | .431 | -.177 | 10 | 279 | -.294 | .057 | -.113 | -.522 |
| 10 | 180 | .267 | .063 | -.108 | -.629 | 10 | 230 | .018 | .069 | .363 | -.220 | 10 | 280 | -.221 | .034 | -.088 | -.340 |
| 10 | 181 | .264 | .070 | .662 | -.727 | 10 | 231 | .010 | .069 | .390 | -.361 | 10 | 281 | -.206 | .030 | -.064 | -.310 |
| 10 | 182 | .273 | .109 | -.004 | -1.025 | 10 | 232 | .015 | .068 | .332 | -.268 | 10 | 282 | -.139 | .034 | .021 | -.244 |
| 10 | 183 | .429 | .244 | .135 | -1.659 | 10 | 233 | .015 | .075 | .282 | -.371 | 10 | 283 | -.075 | .049 | .143 | -.249 |
| 10 | 184 | .702 | .265 | .130 | -1.794 | 10 | 234 | .009 | .067 | -.270 | -.310 | 10 | 284 | -.078 | .067 | .139 | -.276 |
| 10 | 185 | .765 | .227 | -.076 | -1.733 | 10 | 235 | .011 | .063 | .245 | -.227 | 10 | 285 | -.035 | .049 | .175 | -.244 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 10 | 286 | .017 | .042 | .185 | -.176 | 10 | 336 | -.160 | .042 | -.040 | -.370 | 10 | 433 | -.157 | .031 | -.063 | -.368 |
| 10 | 287 | -.014 | .041 | .248 | -.176 | 10 | 337 | -.139 | .027 | -.049 | -.261 | 10 | 434 | -.156 | .031 | -.044 | -.356 |
| 10 | 288 | -.003 | .038 | .187 | -.127 | 10 | 338 | -.146 | .030 | -.004 | -.253 | 10 | 435 | -.149 | .023 | -.068 | -.247 |
| 10 | 289 | -.006 | .038 | .202 | -.108 | 10 | 339 | -.132 | .027 | -.002 | -.240 | 10 | 436 | -.183 | .038 | -.030 | -.316 |
| 10 | 290 | -.008 | .041 | .192 | -.108 | 10 | 340 | .027 | .046 | .261 | -.117 | 10 | 437 | -.205 | .031 | -.096 | -.333 |
| 10 | 291 | -.007 | .042 | .185 | -.293 | 10 | 341 | .023 | .044 | .256 | -.084 | 10 | 438 | -.219 | .032 | -.125 | -.333 |
| 10 | 292 | -.012 | .042 | .243 | -.391 | 10 | 342 | .035 | .049 | .282 | -.080 | 10 | 439 | -.241 | .030 | -.140 | -.365 |
| 10 | 293 | -.015 | .040 | .165 | -.269 | 10 | 343 | .019 | .045 | .236 | -.110 | 10 | 440 | -.229 | .031 | -.125 | -.338 |
| 10 | 294 | -.015 | .045 | .199 | -.174 | 10 | 344 | .068 | .071 | .443 | -.106 | 10 | 441 | -.198 | .027 | -.113 | -.314 |
| 10 | 295 | -.059 | .064 | .229 | -.288 | 10 | 345 | .054 | .061 | .370 | -.110 | 10 | 442 | -.193 | .029 | -.115 | -.306 |
| 10 | 296 | -.044 | .061 | .460 | -.240 | 10 | 346 | .056 | .062 | .315 | -.129 | 10 | 443 | -.197 | .035 | -.108 | -.305 |
| 10 | 297 | -.098 | .061 | .280 | -.235 | 10 | 347 | .062 | .061 | .341 | -.096 | 10 | 444 | -.191 | .042 | -.063 | -.242 |
| 10 | 298 | -.194 | .036 | .613 | -.349 | 10 | 348 | .045 | .056 | .381 | -.108 | 10 | 445 | -.152 | .026 | -.056 | -.257 |
| 10 | 299 | -.249 | .047 | .071 | -.440 | 10 | 349 | .052 | .055 | .381 | -.068 | 10 | 446 | -.155 | .027 | -.020 | -.321 |
| 10 | 300 | -.153 | .035 | .082 | -.305 | 10 | 350 | .039 | .054 | .318 | -.089 | 10 | 447 | -.158 | .026 | -.080 | -.283 |
| 10 | 301 | -.163 | .028 | .066 | -.310 | 10 | 351 | .010 | .045 | .195 | -.148 | 10 | 448 | .011 | .032 | .254 | -.288 |
| 10 | 302 | -.156 | .027 | .047 | -.252 | 10 | 352 | .023 | .046 | .218 | -.143 | 10 | 449 | .014 | .049 | .275 | -.224 |
| 10 | 303 | -.099 | .050 | .160 | -.252 | 10 | 353 | .035 | .048 | .218 | -.082 | 10 | 450 | -.030 | .042 | .154 | -.224 |
| 10 | 304 | -.077 | .056 | .102 | -.398 | 10 | 401 | -.349 | .073 | -.028 | -.680 | 10 | 451 | -.077 | .060 | .105 | -.444 |
| 10 | 305 | -.087 | .059 | .082 | -.396 | 10 | 402 | -.409 | .092 | -.152 | -.859 | 10 | 452 | -.083 | .057 | .091 | -.432 |
| 10 | 306 | -.112 | .045 | .082 | -.320 | 10 | 403 | -.455 | .113 | -.153 | -1.079 | 10 | 453 | -.061 | .045 | .121 | -.269 |
| 10 | 307 | -.139 | .037 | .014 | -.286 | 10 | 404 | -.384 | .075 | -.082 | -.718 | 10 | 454 | -.087 | .046 | .086 | -.290 |
| 10 | 308 | -.145 | .032 | .014 | -.322 | 10 | 405 | -.368 | .071 | -.170 | -.667 | 10 | 455 | -.078 | .040 | .132 | -.304 |
| 10 | 309 | -.140 | .039 | .126 | -.297 | 10 | 406 | -.371 | .065 | -.136 | -.666 | 10 | 456 | -.115 | .042 | .137 | -.320 |
| 10 | 310 | -.146 | .025 | .124 | -.244 | 10 | 407 | -.410 | .096 | -.093 | -.831 | 10 | 457 | .041 | .050 | .244 | -.090 |
| 10 | 311 | -.147 | .024 | .017 | -.222 | 10 | 408 | -.410 | .094 | -.107 | -.867 | 10 | 458 | .043 | .051 | .281 | -.083 |
| 10 | 312 | -.157 | .024 | .083 | -.264 | 10 | 409 | -.417 | .094 | -.143 | -.895 | 10 | 459 | -.046 | .063 | .405 | -.086 |
| 10 | 313 | -.169 | .027 | .083 | -.308 | 10 | 410 | -.389 | .101 | -.068 | -.818 | 10 | 460 | -.009 | .051 | .324 | -.209 |
| 10 | 314 | -.164 | .028 | .076 | -.293 | 10 | 411 | -.403 | .099 | -.043 | -.922 | 10 | 461 | -.107 | .037 | .068 | -.266 |
| 10 | 315 | -.121 | .061 | .078 | -.413 | 10 | 412 | -.419 | .105 | -.104 | -.888 | 10 | 462 | -.181 | .038 | -.045 | -.479 |
| 10 | 316 | -.140 | .070 | .139 | -.476 | 10 | 413 | -.417 | .107 | -.039 | -.886 | 10 | 463 | -.179 | .035 | -.055 | -.384 |
| 10 | 317 | -.144 | .029 | .001 | -.264 | 10 | 414 | -.423 | .113 | -.170 | -1.062 | 10 | 464 | -.175 | .032 | -.029 | -.394 |
| 10 | 318 | -.150 | .034 | .054 | -.320 | 10 | 415 | -.414 | .114 | -.088 | -1.008 | 10 | 465 | -.179 | .034 | -.041 | -.392 |
| 10 | 319 | -.145 | .027 | .027 | -.249 | 10 | 416 | -.423 | .116 | -.059 | -.931 | 10 | 466 | -.180 | .035 | -.007 | -.365 |
| 10 | 320 | -.129 | .033 | .036 | -.254 | 10 | 417 | -.435 | .125 | -.064 | -.963 | 10 | 467 | -.180 | .035 | -.000 | -.344 |
| 10 | 321 | -.130 | .038 | .146 | -.240 | 10 | 418 | -.435 | .126 | -.140 | -1.031 | 10 | 501 | -.366 | .062 | -.179 | -.644 |
| 10 | 322 | -.154 | .023 | .047 | -.240 | 10 | 419 | -.373 | .107 | -.039 | -.902 | 10 | 502 | -.367 | .056 | -.197 | -.578 |
| 10 | 323 | -.170 | .028 | .079 | -.293 | 10 | 420 | -.406 | .115 | -.101 | -.987 | 10 | 503 | -.373 | .068 | -.124 | -.765 |
| 10 | 324 | -.191 | .039 | .064 | -.430 | 10 | 421 | -.393 | .118 | -.079 | -.850 | 10 | 504 | -.376 | .081 | -.104 | -.881 |
| 10 | 325 | -.158 | .028 | .054 | -.287 | 10 | 422 | -.277 | .072 | -.003 | -.686 | 10 | 505 | -.356 | .067 | -.117 | -.669 |
| 10 | 326 | -.161 | .050 | .072 | -.375 | 10 | 423 | -.302 | .082 | -.091 | -.720 | 10 | 506 | -.333 | .058 | -.158 | -.573 |
| 10 | 327 | -.169 | .050 | .011 | -.331 | 10 | 424 | -.311 | .090 | -.083 | -.936 | 10 | 507 | -.322 | .057 | -.149 | -.628 |
| 10 | 328 | -.142 | .030 | .035 | -.287 | 10 | 425 | -.183 | .042 | -.002 | -.353 | 10 | 508 | -.320 | .064 | -.131 | -.589 |
| 10 | 329 | -.174 | .045 | .042 | -.464 | 10 | 426 | -.202 | .039 | -.064 | -.380 | 10 | 509 | -.326 | .069 | -.101 | -.735 |
| 10 | 330 | -.158 | .034 | .064 | -.355 | 10 | 427 | -.267 | .058 | -.103 | -.383 | 10 | 510 | -.343 | .054 | -.168 | -.580 |
| 10 | 331 | -.134 | .029 | .004 | -.239 | 10 | 428 | -.190 | .024 | -.098 | -.290 | 10 | 511 | -.345 | .053 | -.184 | -.642 |
| 10 | 332 | -.143 | .026 | .049 | -.261 | 10 | 429 | -.183 | .027 | -.108 | -.285 | 10 | 512 | -.351 | .055 | -.168 | -.712 |
| 10 | 333 | -.153 | .024 | .059 | -.253 | 10 | 430 | -.178 | .029 | -.091 | -.306 | 10 | 513 | -.358 | .059 | -.138 | -.719 |
| 10 | 334 | -.148 | .024 | .062 | -.258 | 10 | 431 | -.177 | .034 | -.072 | -.347 | 10 | 514 | -.341 | .051 | -.170 | -.553 |
| 10 | 335 | -.185 | .042 | .079 | -.406 | 10 | 432 | -.164 | .034 | -.068 | -.472 | 10 | 515 | -.335 | .050 | -.195 | -.699 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 10 | 561 | 333 | 054 | 149 | 580 | 10 | 566 | 428 | 102 | 129 | 312 | 10 | 616 | 181 | 025 | 096 | 270 |
| 10 | 562 | 332 | 061 | 153 | 742 | 10 | 567 | 431 | 113 | 105 | 429 | 10 | 617 | 215 | 042 | 093 | 426 |
| 10 | 563 | 331 | 059 | 156 | 626 | 10 | 568 | 432 | 065 | 120 | 648 | 10 | 618 | 220 | 042 | 093 | 411 |
| 10 | 564 | 330 | 061 | 179 | 162 | 10 | 569 | 433 | 051 | 065 | 577 | 10 | 619 | 226 | 042 | 098 | 445 |
| 10 | 565 | 346 | 062 | 156 | 712 | 10 | 570 | 262 | 071 | 049 | 120 | 10 | 701 | 116 | 122 | 348 | 671 |
| 10 | 566 | 350 | 067 | 140 | 966 | 10 | 571 | 266 | 081 | 046 | 831 | 10 | 702 | 041 | 200 | 636 | 811 |
| 10 | 567 | 353 | 059 | 202 | 738 | 10 | 572 | 270 | 091 | 067 | 820 | 10 | 703 | 360 | 181 | 945 | 566 |
| 10 | 568 | 355 | 051 | 213 | 692 | 10 | 573 | 275 | 059 | 010 | 571 | 10 | 704 | 047 | 154 | 553 | 548 |
| 10 | 569 | 349 | 044 | 211 | 500 | 10 | 574 | 301 | 073 | 066 | 613 | 10 | 705 | 100 | 197 | 865 | 680 |
| 10 | 570 | 349 | 056 | 195 | 946 | 10 | 575 | 225 | 038 | 093 | 372 | 10 | 706 | 303 | 177 | 830 | 493 |
| 10 | 571 | 331 | 069 | 143 | 662 | 10 | 576 | 382 | 105 | 076 | 992 | 10 | 707 | 078 | 177 | 498 | 712 |
| 10 | 572 | 331 | 078 | 152 | 134 | 10 | 577 | 414 | 115 | 083 | 019 | 10 | 708 | 003 | 216 | 890 | 671 |
| 10 | 573 | 365 | 096 | 097 | 150 | 10 | 578 | 337 | 067 | 044 | 786 | 10 | 709 | 155 | 186 | 798 | 513 |
| 10 | 574 | 361 | 098 | 108 | 385 | 10 | 579 | 238 | 061 | 017 | 495 | 10 | 710 | 111 | 187 | 504 | 818 |
| 10 | 575 | 369 | 104 | 113 | 241 | 10 | 580 | 214 | 040 | 042 | 370 | 10 | 711 | 115 | 204 | 702 | 827 |
| 10 | 576 | 383 | 110 | 165 | 121 | 10 | 581 | 214 | 037 | 071 | 348 | 10 | 712 | 014 | 179 | 720 | 591 |
| 10 | 577 | 383 | 063 | 172 | 660 | 10 | 582 | 203 | 033 | 069 | 326 | 10 | 713 | 257 | 151 | 425 | 829 |
| 10 | 578 | 354 | 053 | 195 | 996 | 10 | 583 | 221 | 037 | 113 | 407 | 10 | 714 | 231 | 157 | 402 | 772 |
| 10 | 579 | 354 | 064 | 170 | 868 | 10 | 584 | 216 | 037 | 115 | 436 | 10 | 715 | 113 | 157 | 597 | 669 |
| 10 | 580 | 355 | 078 | 097 | 913 | 10 | 585 | 233 | 056 | 110 | 568 | 10 | 716 | 309 | 110 | 343 | 745 |
| 10 | 581 | 337 | 089 | 076 | 895 | 10 | 586 | 232 | 057 | 096 | 669 | 10 | 717 | 275 | 116 | 308 | 685 |
| 10 | 582 | 399 | 135 | 117 | 346 | 10 | 587 | 195 | 036 | 042 | 321 | 10 | 718 | 313 | 094 | 169 | 844 |
| 10 | 583 | 379 | 119 | 024 | 339 | 10 | 588 | 186 | 041 | 010 | 353 | 10 | 719 | 365 | 084 | 060 | 712 |
| 10 | 584 | 416 | 166 | 038 | 556 | 10 | 589 | 181 | 028 | 079 | 287 | 10 | 720 | 326 | 088 | 006 | 709 |
| 10 | 585 | 397 | 131 | 038 | 294 | 10 | 590 | 180 | 027 | 034 | 260 | 10 | 721 | 270 | 074 | 014 | 605 |
| 10 | 586 | 411 | 089 | 181 | 070 | 10 | 591 | 176 | 024 | 086 | 270 | 10 | 722 | 392 | 068 | 193 | 675 |
| 10 | 587 | 357 | 061 | 161 | 772 | 10 | 592 | 338 | 106 | 086 | 948 | 10 | 723 | 353 | 073 | 074 | 741 |
| 10 | 588 | 376 | 084 | 190 | 084 | 10 | 593 | 339 | 108 | 105 | 980 | 10 | 724 | 285 | 074 | 016 | 571 |
| 10 | 589 | 444 | 090 | 108 | 029 | 10 | 594 | 293 | 079 | 047 | 747 | 10 | 725 | 325 | 070 | 108 | 658 |
| 10 | 590 | 445 | 099 | 111 | 260 | 10 | 595 | 241 | 072 | 034 | 693 | 10 | 726 | 242 | 056 | 030 | 489 |
| 10 | 591 | 446 | 133 | 101 | 538 | 10 | 596 | 187 | 031 | 071 | 350 | 10 | 727 | 232 | 059 | 040 | 530 |
| 10 | 592 | 386 | 131 | 097 | 257 | 10 | 597 | 209 | 037 | 081 | 377 | 10 | 728 | 138 | 035 | 012 | 358 |
| 10 | 593 | 409 | 149 | 040 | 546 | 10 | 598 | 234 | 049 | 113 | 549 | 10 | 729 | 133 | 034 | 009 | 282 |
| 10 | 594 | 409 | 126 | 081 | 269 | 10 | 599 | 218 | 047 | 102 | 622 | 10 | 730 | 144 | 039 | 012 | 322 |
| 10 | 595 | 392 | 093 | 110 | 902 | 10 | 600 | 195 | 042 | 037 | 333 | 10 | 731 | 158 | 038 | 010 | 457 |
| 10 | 596 | 349 | 075 | 060 | 852 | 10 | 601 | 187 | 039 | 022 | 348 | 10 | 732 | 157 | 031 | 034 | 344 |
| 10 | 597 | 396 | 140 | 168 | 314 | 10 | 602 | 166 | 037 | 061 | 288 | 10 | 733 | 157 | 031 | 019 | 322 |
| 10 | 598 | 387 | 120 | 122 | 024 | 10 | 603 | 171 | 029 | 060 | 322 | 10 | 734 | 158 | 031 | 010 | 275 |
| 10 | 599 | 407 | 139 | 101 | 456 | 10 | 604 | 183 | 025 | 081 | 256 | 10 | 735 | 129 | 025 | 031 | 230 |
| 10 | 600 | 411 | 104 | 094 | 932 | 10 | 605 | 177 | 024 | 071 | 241 | 10 | 736 | 130 | 026 | 002 | 244 |
| 10 | 601 | 416 | 112 | 129 | 248 | 10 | 606 | 179 | 024 | 079 | 268 | 10 | 737 | 122 | 030 | 009 | 266 |
| 10 | 602 | 431 | 113 | 159 | 269 | 10 | 607 | 334 | 097 | 011 | 683 | 10 | 738 | 121 | 026 | 019 | 225 |
| 10 | 603 | 431 | 113 | 083 | 724 | 10 | 608 | 335 | 101 | 050 | 826 | 10 | 739 | 126 | 030 | 019 | 240 |
| 10 | 604 | 387 | 085 | 113 | 843 | 10 | 609 | 261 | 091 | 101 | 763 | 10 | 740 | 150 | 030 | 019 | 256 |
| 10 | 605 | 342 | 065 | 058 | 623 | 10 | 610 | 205 | 041 | 030 | 360 | 10 | 741 | 163 | 029 | 015 | 554 |
| 10 | 606 | 348 | 140 | 117 | 575 | 10 | 611 | 205 | 043 | 054 | 360 | 10 | 742 | 167 | 031 | 043 | 289 |
| 10 | 607 | 346 | 130 | 085 | 056 | 10 | 612 | 185 | 036 | 018 | 316 | 10 | 743 | 206 | 035 | 057 | 387 |
| 10 | 608 | 333 | 118 | 082 | 319 | 10 | 613 | 184 | 028 | 062 | 314 | 10 | 744 | 207 | 035 | 025 | 388 |
| 10 | 609 | 426 | 101 | 139 | 021 | 10 | 614 | 183 | 025 | 088 | 282 | 10 | 745 | 186 | 038 | 018 | 312 |
| 10 | 610 | 416 | 096 | 179 | 042 | 10 | 615 | 180 | 023 | 098 | 251 | 10 | 746 | 169 | 039 | 021 | 302 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 10 | 747 | -.148 | .046 | .047 | -.441 | 10 | 925 | -.006 | .069 | .492 | -.233 | 20 | 121 | -.456 | .251 | .293 | -1.435 |
| 10 | 748 | -.063 | .049 | .092 | -.285 | 10 | 926 | -.080 | .088 | .288 | -.437 | 20 | 122 | -.145 | .401 | .767 | -1.898 |
| 10 | 749 | -.060 | .066 | .184 | -.512 | 10 | 927 | -.109 | .130 | .734 | -.419 | 20 | 123 | .336 | .221 | 1.042 | -.456 |
| 10 | 750 | -.063 | .050 | .222 | -.211 | 10 | 928 | -.149 | .201 | .899 | -.587 | 20 | 124 | .205 | .189 | 1.002 | -.358 |
| 10 | 751 | -.066 | .075 | .367 | -.112 | 10 | 929 | -.307 | .148 | .283 | -1.148 | 20 | 125 | .164 | .189 | .856 | -.451 |
| 10 | 752 | -.059 | .075 | .405 | -.142 | 10 | 930 | -.016 | .072 | .365 | -.244 | 20 | 126 | .051 | .230 | .830 | -.607 |
| 10 | 753 | -.077 | .043 | .080 | -.270 | 10 | 931 | -.024 | .066 | .259 | -.254 | 20 | 127 | .266 | .264 | 1.063 | -.812 |
| 10 | 754 | -.049 | .041 | .148 | -.225 | 10 | 932 | -.019 | .058 | .349 | -.242 | 20 | 128 | .433 | .222 | 1.093 | -.342 |
| 10 | 755 | -.103 | .042 | .118 | -.282 | 10 | 933 | -.132 | .031 | .003 | -.244 | 20 | 129 | .448 | .222 | 1.205 | -.226 |
| 10 | 756 | -.063 | .038 | .128 | -.211 | 10 | 934 | -.084 | .042 | .076 | -.296 | 20 | 130 | -.246 | .222 | .337 | -1.321 |
| 10 | 757 | -.103 | .040 | .052 | -.332 | 10 | 935 | -.059 | .042 | .163 | -.230 | 20 | 131 | -.495 | .318 | .360 | -1.914 |
| 10 | 758 | -.043 | .057 | .161 | -.330 | 10 | 936 | -.110 | .032 | .026 | -.275 | 20 | 132 | -.142 | .369 | .886 | -2.000 |
| 10 | 759 | .037 | .053 | .283 | -.094 | 10 | 937 | -.054 | .052 | .126 | -.338 | 20 | 133 | .476 | .228 | 1.153 | -.242 |
| 10 | 760 | .068 | .067 | .384 | -.096 | 10 | 938 | -.052 | .045 | .135 | -.277 | 20 | 134 | .295 | .256 | 1.349 | -.782 |
| 10 | 761 | .074 | .067 | .379 | -.080 | 10 | 939 | -.055 | .052 | .151 | -.334 | 20 | 135 | .269 | .251 | 1.005 | -.470 |
| 10 | 762 | -.192 | .026 | .105 | -.291 | 10 | 940 | -.073 | .056 | .182 | -.334 | 20 | 136 | .097 | .209 | .859 | -.678 |
| 10 | 763 | -.194 | .026 | .091 | -.277 | 10 | 941 | -.078 | .046 | .156 | -.294 | 20 | 137 | .304 | .171 | .803 | -.285 |
| 10 | 764 | -.206 | .027 | .117 | -.313 | 10 | 942 | -.088 | .058 | .172 | -.510 | 20 | 138 | .440 | .219 | 1.126 | -.186 |
| 10 | 765 | -.206 | .026 | .110 | -.294 | 10 | 943 | -.118 | .069 | .123 | -.414 | 20 | 139 | .505 | .221 | 1.188 | -.207 |
| 10 | 766 | -.189 | .033 | .031 | -.310 | 10 | 944 | -.079 | .040 | .078 | -.237 | 20 | 140 | -.340 | .044 | -.212 | -.556 |
| 10 | 767 | -.209 | .031 | .120 | -.338 | 10 | 945 | -.133 | .030 | -.011 | -.256 | 20 | 141 | -.255 | .044 | -.100 | -.407 |
| 10 | 801 | -.173 | .024 | .080 | -.265 | 10 | 946 | -.115 | .030 | .005 | -.254 | 20 | 142 | -.167 | .067 | .039 | -.414 |
| 10 | 802 | -.171 | .027 | .040 | -.261 | 10 | 947 | -.134 | .031 | .003 | -.263 | 20 | 143 | -.142 | .113 | .170 | -.830 |
| 10 | 803 | -.290 | .051 | .167 | -.487 | 10 | 948 | -.126 | .034 | .080 | -.315 | 20 | 144 | .310 | .236 | .277 | -1.549 |
| 10 | 804 | -.197 | .043 | .049 | -.376 | 10 | 949 | -.134 | .034 | .036 | -.270 | 20 | 145 | -.634 | .333 | .319 | -1.986 |
| 10 | 805 | -.190 | .051 | .003 | -.421 | 10 | 950 | -.141 | .032 | .019 | -.275 | 20 | 146 | -.249 | .275 | .479 | -1.331 |
| 10 | 901 | -.175 | .123 | .276 | -.498 | 10 | 951 | -.129 | .029 | -.007 | -.270 | 20 | 147 | .107 | .280 | .934 | -.979 |
| 10 | 902 | -.265 | .089 | .285 | -.589 | 10 | 952 | -.122 | .038 | .083 | -.273 | 20 | 148 | .363 | .209 | 1.039 | -.183 |
| 10 | 903 | -.305 | .091 | .072 | -.716 | 10 | 953 | -.110 | .038 | .059 | -.298 | 20 | 149 | .396 | .218 | 1.149 | -.224 |
| 10 | 904 | -.414 | .096 | .014 | -.865 | 10 | 954 | -.116 | .032 | -.022 | -.216 | 20 | 150 | .328 | .244 | 1.089 | -.738 |
| 10 | 905 | -.532 | .123 | .181 | -.042 | 20 | 101 | -.333 | .031 | -.247 | -.477 | 20 | 151 | .255 | .184 | .819 | -.410 |
| 10 | 906 | -.323 | .107 | .047 | -.793 | 20 | 102 | -.251 | .049 | -.046 | -.554 | 20 | 152 | .318 | .220 | 1.054 | -.346 |
| 10 | 907 | -.429 | .113 | .075 | -.990 | 20 | 103 | -.200 | .057 | -.046 | -.451 | 20 | 153 | .392 | .246 | 1.121 | -.640 |
| 10 | 908 | -.454 | .097 | .138 | -.833 | 20 | 104 | -.264 | .145 | .077 | -1.230 | 20 | 154 | .501 | .217 | 1.254 | -.271 |
| 10 | 909 | -.515 | .104 | .206 | -.940 | 20 | 105 | -.499 | .258 | .123 | -1.321 | 20 | 155 | .513 | .206 | 1.145 | -.049 |
| 10 | 910 | -.449 | .114 | .109 | -.114 | 20 | 106 | -.342 | .448 | .663 | -1.840 | 20 | 156 | .475 | .185 | 1.030 | -.030 |
| 10 | 911 | -.727 | .159 | -.245 | -.223 | 20 | 107 | -.430 | .223 | 1.044 | -.254 | 20 | 157 | .375 | .177 | .871 | -.079 |
| 10 | 912 | -.523 | .123 | .172 | -.094 | 20 | 108 | -.229 | .226 | 1.033 | -.421 | 20 | 158 | .205 | .186 | .869 | -.294 |
| 10 | 913 | -.159 | .034 | .010 | -.258 | 20 | 109 | -.041 | .158 | .823 | -.442 | 20 | 159 | .066 | .171 | .666 | -.441 |
| 10 | 914 | -.147 | .030 | .021 | -.240 | 20 | 110 | .106 | .254 | 1.049 | -.589 | 20 | 160 | -.255 | .041 | -.112 | -.490 |
| 10 | 915 | -.827 | .138 | .258 | -.520 | 20 | 111 | -.110 | .199 | .940 | -.451 | 20 | 161 | -.231 | .045 | -.070 | -.472 |
| 10 | 916 | -.609 | .146 | .129 | -.139 | 20 | 112 | -.041 | .194 | .660 | -.693 | 20 | 162 | -.182 | .063 | .012 | -.516 |
| 10 | 917 | -.054 | .065 | .342 | -.223 | 20 | 113 | -.074 | .187 | .777 | -.714 | 20 | 163 | -.191 | .158 | .210 | -1.028 |
| 10 | 918 | -.089 | .073 | .495 | -.256 | 20 | 114 | -.115 | .280 | .953 | -.837 | 20 | 164 | -.512 | .256 | .257 | -1.502 |
| 10 | 919 | -.073 | .189 | .629 | -.584 | 20 | 115 | -.319 | .222 | .974 | -.393 | 20 | 165 | -.614 | .217 | .259 | -1.490 |
| 10 | 920 | -.082 | .043 | .118 | -.261 | 20 | 116 | -.276 | .265 | .930 | -.365 | 20 | 166 | -.217 | .208 | .460 | -.880 |
| 10 | 921 | -.805 | .161 | .163 | -.420 | 20 | 117 | -.234 | .190 | .765 | -.316 | 20 | 167 | -.137 | .304 | .764 | -1.163 |
| 10 | 922 | -.797 | .128 | .383 | -.402 | 20 | 118 | -.147 | .154 | .681 | -.421 | 20 | 168 | -.225 | .189 | .984 | -.336 |
| 10 | 923 | -.394 | .153 | .113 | -.205 | 20 | 119 | -.036 | .147 | .405 | -.526 | 20 | 169 | .397 | .179 | 1.077 | -.049 |
| 10 | 924 | -.548 | .131 | .174 | -.273 | 20 | 120 | -.243 | .221 | .246 | -1.244 | 20 | 170 | .354 | .195 | 1.086 | -.355 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 20 | 171 | .313 | .175 | .962 | -.196 | 20 | 221 | -.286 | .064 | -.072 | -.617 | 20 | 271 | .014 | .060 | .284 | -.223 |
| 20 | 172 | .321 | .185 | 1.121 | -.327 | 20 | 222 | -.196 | .063 | -.093 | -.519 | 20 | 272 | .003 | .067 | .393 | -.313 |
| 20 | 173 | .314 | .200 | 1.026 | -.395 | 20 | 223 | -.189 | .088 | -.119 | -.697 | 20 | 273 | .010 | .067 | .448 | -.246 |
| 20 | 174 | .349 | .166 | 1.037 | -.509 | 20 | 224 | -.300 | .178 | .231 | -1.003 | 20 | 274 | .056 | .070 | .258 | -.461 |
| 20 | 175 | .357 | .163 | .927 | -.166 | 20 | 225 | -.421 | .175 | .164 | -1.222 | 20 | 275 | .042 | .060 | .214 | -.320 |
| 20 | 176 | .322 | .154 | .881 | -.149 | 20 | 226 | -.147 | .144 | .417 | -.562 | 20 | 276 | .057 | .047 | .238 | -.223 |
| 20 | 177 | .249 | .165 | .916 | -.250 | 20 | 227 | -.089 | .186 | .647 | -.925 | 20 | 277 | .119 | .045 | .092 | -.278 |
| 20 | 178 | .073 | .169 | .668 | -.353 | 20 | 228 | .073 | .138 | .831 | -.346 | 20 | 278 | .202 | .045 | -.035 | -.288 |
| 20 | 179 | -.086 | .176 | .537 | -.588 | 20 | 229 | .133 | .116 | .691 | -.162 | 20 | 279 | .302 | .054 | -.107 | -.326 |
| 20 | 180 | -.247 | .045 | -.100 | -.523 | 20 | 230 | .131 | .123 | .865 | -.171 | 20 | 280 | .271 | .042 | -.136 | -.453 |
| 20 | 181 | -.229 | .050 | -.030 | -.514 | 20 | 231 | .098 | .113 | .755 | -.164 | 20 | 281 | .253 | .035 | -.114 | -.414 |
| 20 | 182 | -.193 | .071 | -.110 | -.616 | 20 | 232 | .092 | .106 | .714 | -.276 | 20 | 282 | .167 | .041 | -.035 | -.282 |
| 20 | 183 | -.197 | .158 | .173 | -1.327 | 20 | 233 | .063 | .088 | .478 | -.258 | 20 | 283 | .090 | .067 | .201 | -.375 |
| 20 | 184 | .411 | .240 | .381 | -1.296 | 20 | 234 | .024 | .099 | .462 | -.514 | 20 | 284 | .147 | .093 | .247 | -.390 |
| 20 | 185 | .570 | .207 | .241 | -1.406 | 20 | 235 | .038 | .081 | .469 | -.369 | 20 | 285 | .035 | .059 | .293 | -.202 |
| 20 | 186 | .225 | .190 | .432 | -.864 | 20 | 236 | .027 | .067 | .349 | -.184 | 20 | 286 | .003 | .059 | .293 | -.202 |
| 20 | 187 | .103 | .274 | .818 | -.958 | 20 | 237 | .048 | .063 | .386 | -.294 | 20 | 287 | .006 | .057 | .293 | -.214 |
| 20 | 188 | .159 | .191 | .888 | -.320 | 20 | 238 | .148 | .067 | .261 | -.394 | 20 | 288 | .036 | .049 | .291 | -.114 |
| 20 | 189 | .285 | .157 | .918 | -.096 | 20 | 239 | .238 | .080 | .140 | -.570 | 20 | 289 | .056 | .052 | .279 | -.087 |
| 20 | 190 | .257 | .165 | .960 | -.189 | 20 | 240 | .265 | .070 | -.054 | -.612 | 20 | 290 | .046 | .049 | .279 | -.095 |
| 20 | 191 | .253 | .168 | 1.028 | -.175 | 20 | 241 | .252 | .064 | .043 | -.533 | 20 | 291 | .028 | .054 | .347 | -.165 |
| 20 | 192 | .244 | .150 | .892 | -.166 | 20 | 242 | .200 | .058 | .043 | -.445 | 20 | 292 | .031 | .050 | .269 | -.392 |
| 20 | 193 | .224 | .155 | .865 | -.679 | 20 | 243 | .174 | .075 | .170 | -.586 | 20 | 293 | .031 | .048 | .301 | -.112 |
| 20 | 194 | .170 | .125 | .608 | -.437 | 20 | 244 | .260 | .133 | .110 | -.824 | 20 | 294 | .027 | .050 | .237 | -.180 |
| 20 | 195 | .226 | .119 | .695 | -.109 | 20 | 245 | .357 | .147 | .187 | -.986 | 20 | 295 | .011 | .075 | .347 | -.299 |
| 20 | 196 | .203 | .116 | .831 | -.137 | 20 | 246 | .155 | .102 | .288 | -.526 | 20 | 296 | .003 | .056 | .210 | -.251 |
| 20 | 197 | .126 | .129 | .794 | -.183 | 20 | 247 | .116 | .137 | .497 | -.535 | 20 | 297 | .099 | .048 | .152 | -.219 |
| 20 | 198 | .005 | .130 | .456 | -.302 | 20 | 248 | .018 | .098 | .580 | -.339 | 20 | 298 | .222 | .034 | .092 | -.356 |
| 20 | 199 | .132 | .140 | .447 | -.580 | 20 | 249 | .059 | .081 | .585 | -.232 | 20 | 299 | .305 | .048 | .173 | -.556 |
| 20 | 200 | .262 | .053 | .065 | -.585 | 20 | 250 | .064 | .087 | .585 | -.218 | 20 | 300 | .188 | .036 | .041 | -.334 |
| 20 | 201 | .239 | .055 | .026 | -.567 | 20 | 251 | .047 | .088 | .585 | -.232 | 20 | 301 | .213 | .045 | .068 | -.480 |
| 20 | 202 | .206 | .068 | .091 | -.576 | 20 | 252 | .027 | .076 | .395 | -.285 | 20 | 302 | .170 | .038 | .016 | -.360 |
| 20 | 203 | .177 | .132 | .213 | -.969 | 20 | 253 | .012 | .069 | .291 | -.228 | 20 | 303 | .056 | .062 | .303 | -.309 |
| 20 | 204 | .373 | .226 | .332 | -1.274 | 20 | 254 | .025 | .090 | .307 | -.547 | 20 | 304 | .031 | .075 | .237 | -.431 |
| 20 | 205 | .500 | .184 | .063 | -1.532 | 20 | 255 | .015 | .070 | .272 | -.443 | 20 | 305 | .033 | .069 | .240 | -.534 |
| 20 | 206 | .134 | .173 | .505 | -.709 | 20 | 256 | .024 | .053 | .244 | -.216 | 20 | 306 | .059 | .057 | .196 | -.290 |
| 20 | 207 | .093 | .226 | .663 | -.858 | 20 | 257 | .101 | .047 | .094 | -.265 | 20 | 307 | .104 | .040 | .064 | -.265 |
| 20 | 208 | .108 | .169 | .748 | -.275 | 20 | 258 | .204 | .049 | .006 | -.450 | 20 | 308 | .106 | .041 | .096 | -.285 |
| 20 | 209 | .210 | .134 | .856 | -.052 | 20 | 259 | .270 | .056 | .010 | -.505 | 20 | 309 | .065 | .089 | .383 | -.384 |
| 20 | 210 | .202 | .151 | .884 | -.107 | 20 | 260 | .215 | .057 | .024 | -.461 | 20 | 310 | .171 | .029 | .085 | -.285 |
| 20 | 211 | .184 | .143 | .806 | -.114 | 20 | 261 | .220 | .053 | .068 | -.452 | 20 | 311 | .174 | .030 | .085 | -.299 |
| 20 | 212 | .176 | .147 | .911 | -.210 | 20 | 262 | .180 | .040 | .003 | -.357 | 20 | 312 | .188 | .038 | .075 | -.377 |
| 20 | 213 | .148 | .121 | .755 | -.213 | 20 | 263 | .159 | .052 | .129 | -.415 | 20 | 313 | .240 | .051 | .114 | -.443 |
| 20 | 214 | .101 | .059 | .295 | -.091 | 20 | 264 | .206 | .102 | .106 | -.693 | 20 | 314 | .198 | .043 | .016 | -.397 |
| 20 | 215 | .087 | .094 | .461 | -.394 | 20 | 265 | .280 | .112 | .226 | -.806 | 20 | 315 | .080 | .076 | .288 | -.451 |
| 20 | 216 | .065 | .078 | .411 | -.274 | 20 | 266 | .121 | .088 | .305 | -.510 | 20 | 316 | .074 | .072 | .188 | -.458 |
| 20 | 217 | .027 | .076 | .366 | -.299 | 20 | 267 | .106 | .104 | .307 | -.526 | 20 | 317 | .115 | .037 | .008 | -.351 |
| 20 | 218 | .156 | .078 | .304 | -.399 | 20 | 268 | .020 | .075 | .349 | -.313 | 20 | 318 | .119 | .035 | .008 | -.285 |
| 20 | 219 | .246 | .095 | .191 | -.551 | 20 | 269 | .039 | .060 | .339 | -.144 | 20 | 319 | .122 | .040 | .032 | -.290 |
| 20 | 220 | .320 | .067 | .149 | -.646 | 20 | 270 | .029 | .058 | .314 | -.156 | 20 | 320 | .082 | .052 | .191 | -.241 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 20 | 321 | .052 | .067 | .220 | .321 | 20 | 418 | .423 | .112 | .158 | -1.077 | 20 | 501 | .356 | .061 | .161 | .609 |
| 20 | 322 | .190 | .035 | .063 | .360 | 20 | 419 | .422 | .114 | .090 | .987 | 20 | 502 | .361 | .057 | .205 | .607 |
| 20 | 323 | .228 | .051 | .085 | .451 | 20 | 420 | .446 | .128 | .143 | -1.099 | 20 | 503 | .351 | .070 | .043 | .668 |
| 20 | 324 | .256 | .073 | .085 | .585 | 20 | 421 | .436 | .125 | .148 | .974 | 20 | 504 | .344 | .066 | .118 | .650 |
| 20 | 325 | .174 | .041 | .023 | .494 | 20 | 422 | .359 | .093 | .063 | .893 | 20 | 505 | .335 | .049 | .169 | .657 |
| 20 | 326 | .142 | .075 | .176 | .409 | 20 | 423 | .388 | .101 | .090 | .986 | 20 | 506 | .330 | .045 | .191 | .598 |
| 20 | 327 | .116 | .058 | .096 | .368 | 20 | 424 | .381 | .100 | .119 | .966 | 20 | 507 | .329 | .046 | .196 | .582 |
| 20 | 328 | .110 | .034 | .004 | .275 | 20 | 425 | .217 | .059 | .035 | .459 | 20 | 508 | .328 | .050 | .157 | .575 |
| 20 | 329 | .133 | .043 | .011 | .477 | 20 | 426 | .246 | .055 | .023 | .464 | 20 | 509 | .330 | .053 | .129 | .627 |
| 20 | 330 | .120 | .032 | .001 | .266 | 20 | 427 | .352 | .063 | .153 | .817 | 20 | 510 | .339 | .048 | .177 | .554 |
| 20 | 331 | .081 | .056 | .222 | .261 | 20 | 428 | .237 | .031 | .136 | .363 | 20 | 511 | .345 | .046 | .198 | .563 |
| 20 | 332 | .137 | .035 | .001 | .288 | 20 | 429 | .226 | .033 | .128 | .363 | 20 | 512 | .340 | .047 | .191 | .563 |
| 20 | 333 | .198 | .035 | .096 | .348 | 20 | 430 | .213 | .034 | .123 | .377 | 20 | 513 | .343 | .047 | .207 | .588 |
| 20 | 334 | .157 | .030 | .055 | .300 | 20 | 431 | .209 | .039 | .109 | .434 | 20 | 514 | .339 | .042 | .196 | .515 |
| 20 | 335 | .252 | .074 | .047 | .651 | 20 | 432 | .198 | .041 | .090 | .652 | 20 | 515 | .334 | .039 | .207 | .504 |
| 20 | 336 | .124 | .038 | .001 | .312 | 20 | 433 | .196 | .039 | .068 | .441 | 20 | 516 | .330 | .041 | .186 | .476 |
| 20 | 337 | .109 | .030 | .001 | .261 | 20 | 434 | .195 | .042 | .057 | .417 | 20 | 517 | .336 | .049 | .184 | .536 |
| 20 | 338 | .085 | .048 | .159 | .208 | 20 | 435 | .183 | .030 | .085 | .311 | 20 | 518 | .341 | .047 | .161 | .511 |
| 20 | 339 | .112 | .048 | .164 | .263 | 20 | 436 | .255 | .042 | .004 | .420 | 20 | 519 | .344 | .049 | .182 | .716 |
| 20 | 340 | .066 | .054 | .285 | .109 | 20 | 437 | .266 | .036 | .070 | .401 | 20 | 520 | .344 | .045 | .191 | .593 |
| 20 | 341 | .069 | .059 | .354 | .061 | 20 | 438 | .283 | .039 | .136 | .481 | 20 | 521 | .341 | .045 | .202 | .554 |
| 20 | 342 | .074 | .054 | .337 | .061 | 20 | 439 | .297 | .036 | .192 | .459 | 20 | 522 | .345 | .039 | .232 | .538 |
| 20 | 343 | .070 | .063 | .426 | .084 | 20 | 440 | .293 | .038 | .185 | .457 | 20 | 523 | .344 | .036 | .230 | .508 |
| 20 | 344 | .098 | .071 | .437 | .083 | 20 | 441 | .274 | .040 | .149 | .465 | 20 | 524 | .338 | .038 | .212 | .609 |
| 20 | 345 | .096 | .071 | .468 | .085 | 20 | 442 | .273 | .042 | .159 | .434 | 20 | 525 | .345 | .048 | .221 | .614 |
| 20 | 346 | .094 | .070 | .406 | .142 | 20 | 443 | .293 | .036 | .133 | .553 | 20 | 526 | .346 | .055 | .184 | .760 |
| 20 | 347 | .105 | .074 | .572 | .076 | 20 | 444 | .250 | .050 | .023 | .420 | 20 | 527 | .357 | .065 | .145 | .778 |
| 20 | 348 | .089 | .064 | .389 | .090 | 20 | 445 | .190 | .039 | .057 | .344 | 20 | 528 | .352 | .058 | .148 | .830 |
| 20 | 349 | .103 | .070 | .465 | .071 | 20 | 446 | .211 | .044 | .066 | .415 | 20 | 529 | .342 | .056 | .104 | .721 |
| 20 | 350 | .080 | .063 | .356 | .092 | 20 | 447 | .198 | .037 | .083 | .367 | 20 | 530 | .345 | .054 | .182 | .707 |
| 20 | 351 | .050 | .058 | .461 | .204 | 20 | 448 | .043 | .063 | .368 | .154 | 20 | 531 | .349 | .048 | .198 | .588 |
| 20 | 352 | .063 | .057 | .392 | .130 | 20 | 449 | .044 | .054 | .276 | .168 | 20 | 532 | .352 | .041 | .223 | .559 |
| 20 | 353 | .077 | .059 | .335 | .078 | 20 | 450 | .005 | .054 | .240 | .232 | 20 | 533 | .351 | .046 | .175 | .572 |
| 20 | 401 | .350 | .066 | .038 | .632 | 20 | 451 | .030 | .079 | .295 | .586 | 20 | 534 | .346 | .056 | .189 | .673 |
| 20 | 402 | .411 | .073 | .180 | .696 | 20 | 452 | .035 | .066 | .195 | .427 | 20 | 535 | .350 | .068 | .161 | .963 |
| 20 | 403 | .417 | .083 | .197 | .847 | 20 | 453 | .022 | .059 | .235 | .384 | 20 | 536 | .355 | .060 | .125 | .276 |
| 20 | 404 | .384 | .063 | .170 | .728 | 20 | 454 | .042 | .058 | .216 | .325 | 20 | 537 | .352 | .064 | .173 | .664 |
| 20 | 405 | .368 | .058 | .177 | .682 | 20 | 455 | .028 | .054 | .217 | .254 | 20 | 538 | .345 | .060 | .118 | .691 |
| 20 | 406 | .365 | .054 | .213 | .628 | 20 | 456 | .073 | .053 | .167 | .332 | 20 | 539 | .351 | .056 | .191 | .696 |
| 20 | 407 | .397 | .079 | .131 | .889 | 20 | 457 | .083 | .061 | .421 | .047 | 20 | 540 | .360 | .050 | .234 | .614 |
| 20 | 408 | .386 | .071 | .202 | .950 | 20 | 458 | .082 | .068 | .421 | .073 | 20 | 541 | .348 | .042 | .202 | .531 |
| 20 | 409 | .385 | .072 | .193 | .803 | 20 | 459 | .080 | .077 | .640 | .085 | 20 | 542 | .346 | .045 | .200 | .586 |
| 20 | 410 | .398 | .094 | .041 | .939 | 20 | 460 | .021 | .061 | .357 | .237 | 20 | 543 | .355 | .063 | .143 | .691 |
| 20 | 411 | .393 | .091 | .183 | .984 | 20 | 461 | .069 | .050 | .241 | .290 | 20 | 544 | .351 | .078 | .143 | .324 |
| 20 | 412 | .392 | .087 | .186 | .980 | 20 | 462 | .228 | .038 | .080 | .394 | 20 | 545 | .366 | .059 | .093 | .139 |
| 20 | 413 | .411 | .100 | .050 | .005 | 20 | 463 | .225 | .037 | .111 | .375 | 20 | 546 | .352 | .061 | .109 | .808 |
| 20 | 414 | .404 | .101 | .174 | .980 | 20 | 464 | .223 | .033 | .114 | .363 | 20 | 547 | .347 | .059 | .143 | .788 |
| 20 | 415 | .399 | .095 | .170 | .902 | 20 | 465 | .231 | .035 | .097 | .366 | 20 | 548 | .361 | .054 | .175 | .673 |
| 20 | 416 | .433 | .113 | .085 | .116 | 20 | 466 | .234 | .034 | .107 | .370 | 20 | 549 | .370 | .051 | .223 | .648 |
| 20 | 417 | .441 | .116 | .161 | .155 | 20 | 467 | .255 | .037 | .118 | .375 | 20 | 550 | .364 | .047 | .189 | .678 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 20 | 551 | 341 | .051 | 152 | 595 | 20 | 601 | 274 | .053 | 686 | 430 | 20 | 732 | 213 | .048 | 057 | 558 |
| 20 | 552 | 338 | .083 | 171 | 921 | 20 | 602 | 169 | .047 | 088 | 312 | 20 | 733 | 211 | .037 | 104 | 404 |
| 20 | 553 | 333 | .094 | 132 | 845 | 20 | 603 | 210 | .032 | 096 | 325 | 20 | 734 | 210 | .037 | 085 | 351 |
| 20 | 554 | 328 | .115 | 084 | 056 | 20 | 604 | 210 | .027 | 101 | 305 | 20 | 735 | 109 | .051 | 276 | 247 |
| 20 | 555 | 402 | .070 | 191 | 817 | 20 | 605 | 208 | .030 | 072 | 314 | 20 | 736 | 105 | .045 | 169 | 280 |
| 20 | 556 | 401 | .064 | 237 | 668 | 20 | 606 | 209 | .028 | 101 | 334 | 20 | 737 | 106 | .040 | 038 | 237 |
| 20 | 557 | 420 | .063 | 258 | 822 | 20 | 607 | 467 | .098 | 256 | 991 | 20 | 738 | 100 | .035 | 024 | 280 |
| 20 | 558 | 393 | .065 | 198 | 781 | 20 | 608 | 466 | .100 | 205 | 061 | 20 | 739 | 107 | .030 | 000 | 223 |
| 20 | 559 | 393 | .055 | 127 | 666 | 20 | 609 | 420 | .097 | 050 | 889 | 20 | 740 | 157 | .030 | 059 | 282 |
| 20 | 560 | 347 | .057 | 127 | 746 | 20 | 610 | 286 | .048 | 140 | 516 | 20 | 741 | 191 | .031 | 047 | 302 |
| 20 | 561 | 348 | .106 | 106 | 673 | 20 | 611 | 288 | .048 | 123 | 453 | 20 | 742 | 204 | .033 | 069 | 363 |
| 20 | 562 | 344 | .094 | 093 | 870 | 20 | 612 | 214 | .038 | 044 | 358 | 20 | 743 | 235 | .031 | 132 | 355 |
| 20 | 563 | 344 | .110 | 058 | 327 | 20 | 613 | 214 | .029 | 113 | 312 | 20 | 744 | 237 | .034 | 120 | 372 |
| 20 | 564 | 433 | .066 | 252 | 907 | 20 | 614 | 214 | .026 | 123 | 309 | 20 | 745 | 189 | .043 | 011 | 343 |
| 20 | 565 | 444 | .064 | 269 | 756 | 20 | 615 | 218 | .027 | 127 | 326 | 20 | 746 | 155 | .048 | 052 | 297 |
| 20 | 566 | 445 | .069 | 276 | 767 | 20 | 616 | 213 | .028 | 115 | 307 | 20 | 747 | 115 | .066 | 138 | 294 |
| 20 | 567 | 456 | .083 | 237 | 172 | 20 | 617 | 213 | .062 | 108 | 547 | 20 | 748 | 022 | .069 | 252 | 496 |
| 20 | 568 | 367 | .050 | 191 | 574 | 20 | 618 | 301 | .056 | 132 | 637 | 20 | 749 | 020 | .084 | 317 | 613 |
| 20 | 569 | 355 | .051 | 166 | 625 | 20 | 619 | 303 | .057 | 157 | 651 | 20 | 750 | 032 | .057 | 283 | 171 |
| 20 | 570 | 331 | .081 | 090 | 950 | 20 | 701 | 361 | .160 | 145 | 060 | 20 | 751 | 085 | .086 | 421 | 168 |
| 20 | 571 | 332 | .085 | 100 | 815 | 20 | 702 | 175 | .246 | 552 | 070 | 20 | 752 | 076 | .092 | 490 | 147 |
| 20 | 572 | 330 | .094 | 063 | 104 | 20 | 703 | 185 | .262 | 070 | 684 | 20 | 753 | 038 | .059 | 214 | 285 |
| 20 | 573 | 410 | .063 | 102 | 655 | 20 | 704 | 229 | .193 | 449 | 960 | 20 | 754 | 012 | .055 | 235 | 248 |
| 20 | 574 | 410 | .076 | 126 | 766 | 20 | 705 | 255 | .250 | 653 | 132 | 20 | 755 | 070 | .061 | 214 | 318 |
| 20 | 575 | 278 | .038 | 173 | 462 | 20 | 706 | 021 | .234 | 835 | 337 | 20 | 756 | 018 | .056 | 219 | 233 |
| 20 | 576 | 443 | .090 | 251 | 957 | 20 | 707 | 372 | .180 | 335 | 987 | 20 | 757 | 069 | .060 | 238 | 290 |
| 20 | 577 | 448 | .092 | 234 | 050 | 20 | 708 | 301 | .237 | 627 | 024 | 20 | 758 | 003 | .073 | 398 | 394 |
| 20 | 578 | 335 | .100 | 112 | 922 | 20 | 709 | 119 | .220 | 582 | 026 | 20 | 759 | 087 | .064 | 421 | 052 |
| 20 | 579 | 335 | .079 | 055 | 699 | 20 | 710 | 367 | .168 | 312 | 991 | 20 | 760 | 109 | .074 | 580 | 087 |
| 20 | 580 | 444 | .054 | 036 | 513 | 20 | 711 | 377 | .187 | 605 | 042 | 20 | 761 | 109 | .072 | 487 | 045 |
| 20 | 581 | 292 | .046 | 080 | 442 | 20 | 712 | 215 | .184 | 485 | 845 | 20 | 762 | 262 | .036 | 156 | 397 |
| 20 | 582 | 291 | .046 | 080 | 442 | 20 | 713 | 415 | .120 | 049 | 960 | 20 | 763 | 253 | .034 | 144 | 376 |
| 20 | 583 | 288 | .037 | 116 | 401 | 20 | 714 | 436 | .135 | 153 | 937 | 20 | 764 | 278 | .036 | 149 | 416 |
| 20 | 584 | 261 | .041 | 126 | 437 | 20 | 715 | 281 | .161 | 361 | 868 | 20 | 765 | 259 | .033 | 087 | 397 |
| 20 | 585 | 364 | .060 | 126 | 616 | 20 | 716 | 418 | .101 | 127 | 012 | 20 | 766 | 243 | .036 | 126 | 398 |
| 20 | 586 | 334 | .109 | 168 | 079 | 20 | 717 | 415 | .119 | 127 | 856 | 20 | 767 | 269 | .036 | 160 | 413 |
| 20 | 587 | 334 | .040 | 023 | 354 | 20 | 718 | 299 | .116 | 068 | 765 | 20 | 801 | 220 | .042 | 068 | 413 |
| 20 | 588 | 174 | .052 | 048 | 374 | 20 | 719 | 441 | .086 | 225 | 887 | 20 | 802 | 203 | .035 | 080 | 357 |
| 20 | 589 | 211 | .032 | 092 | 342 | 20 | 720 | 425 | .097 | 067 | 853 | 20 | 803 | 399 | .034 | 246 | 631 |
| 20 | 590 | 209 | .028 | 065 | 312 | 20 | 721 | 308 | .091 | 069 | 678 | 20 | 804 | 256 | .066 | 016 | 501 |
| 20 | 591 | 206 | .027 | 102 | 288 | 20 | 722 | 424 | .063 | 224 | 681 | 20 | 805 | 336 | .081 | 042 | 603 |
| 20 | 592 | 448 | .100 | 232 | 069 | 20 | 723 | 415 | .076 | 074 | 790 | 20 | 901 | 008 | .152 | 443 | 694 |
| 20 | 593 | 435 | .098 | 24 | 930 | 20 | 724 | 298 | .093 | 069 | 600 | 20 | 902 | 271 | .070 | 009 | 535 |
| 20 | 594 | 433 | .088 | 063 | 861 | 20 | 725 | 406 | .078 | 188 | 685 | 20 | 903 | 218 | .086 | 136 | 587 |
| 20 | 595 | 387 | .135 | 023 | 984 | 20 | 726 | 276 | .067 | 064 | 511 | 20 | 904 | 185 | .161 | 027 | 605 |
| 20 | 596 | 214 | .048 | 053 | 454 | 20 | 727 | 238 | .070 | 006 | 477 | 20 | 905 | 430 | .126 | 200 | 819 |
| 20 | 597 | 340 | .074 | 102 | 560 | 20 | 728 | 122 | .047 | 017 | 368 | 20 | 906 | 328 | .120 | 027 | 819 |
| 20 | 598 | 347 | .097 | 173 | 834 | 20 | 729 | 114 | .041 | 012 | 282 | 20 | 907 | 387 | .100 | 102 | 880 |
| 20 | 599 | 265 | .039 | 165 | 176 | 20 | 730 | 113 | .051 | 017 | 520 | 20 | 908 | 328 | .085 | 120 | 728 |
| 20 | 600 | 265 | .039 | 124 | 430 | 20 | 731 | 163 | .062 | 022 | 627 | 20 | 909 | 486 | .104 | 165 | 070 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 20 | 910 | -.590 | .128 | -.140 | -1.075 | 30 | 106 | .283 | .194 | .849 | -1.190 | 30 | 156 | .391 | .137 | .758 | -.048 |
| 20 | 911 | -.606 | .146 | -.208 | -1.104 | 30 | 107 | -.562 | .159 | 1.071 | -.221 | 30 | 157 | .220 | .100 | .580 | -.118 |
| 20 | 912 | -.443 | .207 | -.079 | -1.374 | 30 | 108 | -.186 | .140 | .683 | -.320 | 30 | 158 | -.048 | .086 | .411 | -.401 |
| 20 | 913 | -.199 | .040 | .000 | -.357 | 30 | 109 | -.029 | .094 | .367 | -.334 | 30 | 159 | -.206 | .074 | .241 | -.447 |
| 20 | 914 | -.188 | .040 | .031 | -.331 | 30 | 110 | -.061 | .120 | .688 | -.452 | 30 | 160 | -.236 | .035 | -.069 | -.375 |
| 20 | 915 | -.682 | .121 | -.329 | -1.238 | 30 | 111 | -.097 | .148 | .651 | -.413 | 30 | 161 | -.185 | .040 | .030 | -.408 |
| 20 | 916 | -.664 | .214 | -.043 | -1.492 | 30 | 112 | .162 | .114 | .508 | -.480 | 30 | 162 | -.088 | .051 | .153 | -.269 |
| 20 | 917 | -.096 | .051 | .142 | -.236 | 30 | 113 | -.078 | .203 | .762 | -.586 | 30 | 163 | -.018 | .091 | .239 | -.982 |
| 20 | 918 | -.154 | .050 | .175 | -.291 | 30 | 114 | .384 | .178 | .946 | -.816 | 30 | 164 | -.444 | .202 | .246 | -1.098 |
| 20 | 919 | -.019 | .148 | .620 | -.419 | 30 | 115 | -.228 | .136 | .605 | -.459 | 30 | 165 | -.447 | .172 | .197 | -1.152 |
| 20 | 920 | -.106 | .057 | .159 | -.307 | 30 | 116 | -.112 | .124 | .517 | -.422 | 30 | 166 | -.005 | .139 | .577 | -.558 |
| 20 | 921 | -.612 | .176 | -.034 | -1.395 | 30 | 117 | -.027 | .112 | .505 | -.401 | 30 | 167 | -.178 | .172 | .668 | -.563 |
| 20 | 922 | -.775 | .156 | -.114 | -1.438 | 30 | 118 | -.103 | .087 | .328 | -.482 | 30 | 168 | .506 | .139 | .967 | -.051 |
| 20 | 923 | -.445 | .280 | -.229 | -1.796 | 30 | 119 | -.304 | .081 | .086 | -.616 | 30 | 169 | .624 | .150 | 1.104 | .086 |
| 20 | 924 | -.843 | .255 | -.127 | -2.132 | 30 | 120 | .038 | .118 | .422 | -.496 | 30 | 170 | .606 | .162 | 1.185 | .079 |
| 20 | 925 | -.018 | .063 | .402 | -.220 | 30 | 121 | -.151 | .146 | .337 | -.814 | 30 | 171 | .596 | .161 | 1.069 | -.016 |
| 20 | 926 | -.130 | .125 | .369 | -.318 | 30 | 122 | -.393 | .181 | .930 | -.392 | 30 | 172 | .599 | .165 | 1.108 | .074 |
| 20 | 927 | -.175 | .170 | .715 | -.372 | 30 | 123 | -.340 | .182 | 1.101 | -.314 | 30 | 173 | .568 | .173 | 1.134 | -.146 |
| 20 | 928 | -.255 | .234 | .967 | -.474 | 30 | 124 | .151 | .122 | .563 | -.267 | 30 | 174 | .470 | .172 | .985 | -.310 |
| 20 | 929 | -.067 | .200 | .663 | -.762 | 30 | 125 | .144 | .130 | .676 | -.690 | 30 | 175 | .440 | .146 | .900 | -.160 |
| 20 | 930 | -.018 | .090 | .275 | -.354 | 30 | 126 | .294 | .206 | .946 | -.339 | 30 | 176 | .348 | .117 | .728 | -.136 |
| 20 | 931 | -.028 | .081 | .360 | -.518 | 30 | 127 | .522 | .179 | 1.140 | -.339 | 30 | 177 | .162 | .095 | .506 | -.287 |
| 20 | 932 | -.006 | .056 | .284 | -.246 | 30 | 128 | .441 | .167 | 1.066 | -.194 | 30 | 178 | -.111 | .068 | .227 | -.361 |
| 20 | 933 | -.145 | .039 | .012 | -.416 | 30 | 129 | .419 | .150 | .884 | -.207 | 30 | 179 | -.321 | .076 | .074 | -.600 |
| 20 | 934 | -.072 | .049 | .137 | -.288 | 30 | 130 | .042 | .123 | .411 | -.703 | 30 | 180 | -.235 | .035 | -.102 | -.449 |
| 20 | 935 | -.039 | .043 | .171 | -.194 | 30 | 131 | -.206 | .204 | .457 | -.930 | 30 | 181 | -.205 | .040 | -.021 | -.389 |
| 20 | 936 | -.104 | .038 | .036 | -.286 | 30 | 132 | -.253 | .153 | .748 | -.745 | 30 | 182 | -.124 | .048 | .091 | -.308 |
| 20 | 937 | -.013 | .068 | .317 | -.338 | 30 | 133 | .634 | .176 | 1.195 | -.196 | 30 | 183 | -.099 | .123 | .244 | -.959 |
| 20 | 938 | -.009 | .056 | .289 | -.220 | 30 | 134 | .205 | .174 | .773 | -.387 | 30 | 184 | -.498 | .215 | .299 | -1.223 |
| 20 | 939 | -.010 | .073 | .334 | -.314 | 30 | 135 | .183 | .151 | .748 | -.553 | 30 | 185 | .527 | .174 | .093 | -1.485 |
| 20 | 940 | -.025 | .067 | .272 | -.309 | 30 | 136 | .167 | .214 | .990 | -.723 | 30 | 186 | -.093 | .130 | .385 | -.526 |
| 20 | 941 | -.045 | .066 | .355 | -.265 | 30 | 137 | .524 | .139 | .866 | -.035 | 30 | 187 | .067 | .169 | .670 | -.683 |
| 20 | 942 | -.054 | .071 | .331 | -.423 | 30 | 138 | .475 | .159 | .909 | -.249 | 30 | 188 | .363 | .146 | .807 | -.143 |
| 20 | 943 | -.066 | .078 | .249 | -.431 | 30 | 139 | .474 | .184 | .974 | -.147 | 30 | 189 | .548 | .165 | 1.062 | .070 |
| 20 | 944 | -.048 | .047 | .173 | -.231 | 30 | 140 | -.338 | .043 | -.187 | -.586 | 30 | 190 | .559 | .170 | 1.092 | .037 |
| 20 | 945 | -.143 | .037 | .005 | -.286 | 30 | 141 | -.206 | .043 | -.027 | -.369 | 30 | 191 | .544 | .164 | 1.060 | .056 |
| 20 | 946 | -.084 | .035 | .062 | -.267 | 30 | 142 | .069 | .039 | .139 | -.258 | 30 | 192 | .558 | .177 | 1.080 | .026 |
| 20 | 947 | -.141 | .042 | .074 | -.300 | 30 | 143 | .033 | .082 | .372 | -.279 | 30 | 193 | .493 | .162 | .974 | -.221 |
| 20 | 948 | -.122 | .047 | .253 | -.321 | 30 | 144 | -.066 | .173 | .397 | -.957 | 30 | 194 | .271 | .183 | .815 | -.538 |
| 20 | 949 | -.133 | .047 | .182 | -.267 | 30 | 145 | .289 | .211 | .385 | -1.109 | 30 | 195 | .376 | .141 | .841 | -.269 |
| 20 | 950 | -.142 | .047 | .223 | -.364 | 30 | 146 | .075 | .162 | .586 | -.482 | 30 | 196 | .271 | .110 | .627 | -.107 |
| 20 | 951 | -.115 | .045 | .111 | -.317 | 30 | 147 | .390 | .164 | .990 | -.354 | 30 | 197 | .119 | .092 | .458 | -.178 |
| 20 | 952 | -.086 | .058 | .260 | -.257 | 30 | 148 | .394 | .193 | .898 | -.368 | 30 | 198 | -.104 | .066 | .164 | -.413 |
| 20 | 953 | -.077 | .046 | .107 | -.212 | 30 | 149 | .397 | .138 | .958 | -.352 | 30 | 199 | -.257 | .066 | -.043 | -.579 |
| 20 | 954 | -.093 | .041 | .102 | -.239 | 30 | 150 | .402 | .136 | .876 | -.201 | 30 | 200 | -.255 | .047 | -.069 | -.463 |
| 30 | 101 | -.342 | .033 | -.237 | -.463 | 30 | 151 | .420 | .147 | .898 | -.214 | 30 | 201 | -.228 | .044 | -.057 | -.427 |
| 30 | 102 | -.247 | .051 | -.016 | -.454 | 30 | 152 | .544 | .161 | 1.022 | -.171 | 30 | 202 | -.173 | .035 | .070 | -.421 |
| 30 | 103 | -.167 | .058 | -.076 | -.413 | 30 | 153 | .585 | .168 | 1.006 | -.118 | 30 | 203 | -.145 | .113 | .214 | -.807 |
| 30 | 104 | -.097 | .074 | -.164 | -.424 | 30 | 154 | .508 | .181 | 1.020 | -.292 | 30 | 204 | -.498 | .222 | .253 | -1.430 |
| 30 | 105 | -.154 | .133 | .208 | -.930 | 30 | 155 | .502 | .162 | .999 | -.150 | 30 | 205 | -.541 | .173 | .116 | -1.334 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 330 | 206 | .075 | .122 | .422 | -.570 | 30 | 256 | .030 | .063 | .369 | -.226 | 30 | 306 | -.087 | .057 | .135 | -.252 |
| 330 | 207 | .010 | .177 | .632 | -.816 | 30 | 257 | -.074 | .053 | .128 | -.246 | 30 | 307 | -.118 | .041 | .089 | -.300 |
| 330 | 208 | .282 | .155 | .803 | -.123 | 30 | 258 | -.229 | .048 | -.040 | -.442 | 30 | 308 | -.115 | .041 | .082 | -.365 |
| 330 | 209 | .430 | .151 | .910 | -.039 | 30 | 259 | -.320 | .055 | -.150 | -.517 | 30 | 309 | -.002 | .110 | .375 | -.389 |
| 330 | 210 | .445 | .155 | .917 | -.027 | 30 | 260 | -.252 | .058 | -.093 | -.485 | 30 | 310 | -.202 | .033 | .096 | -.333 |
| 330 | 211 | .407 | .155 | .919 | -.098 | 30 | 261 | -.254 | .052 | -.097 | -.467 | 30 | 311 | -.214 | .035 | .094 | -.365 |
| 330 | 212 | .410 | .166 | .967 | -.121 | 30 | 262 | -.205 | .037 | -.060 | -.377 | 30 | 312 | -.231 | .040 | .119 | -.421 |
| 330 | 213 | .371 | .160 | .962 | -.091 | 30 | 263 | -.188 | .053 | -.012 | -.690 | 30 | 313 | -.307 | .052 | .177 | -.584 |
| 330 | 214 | .251 | .097 | .556 | -.089 | 30 | 264 | -.302 | .118 | -.041 | -.846 | 30 | 314 | -.233 | .039 | .122 | -.438 |
| 330 | 215 | .218 | .139 | .695 | -.322 | 30 | 265 | -.399 | .113 | .031 | -.087 | 30 | 315 | -.113 | .084 | .147 | -.509 |
| 330 | 216 | .174 | .107 | .511 | -.140 | 30 | 266 | -.188 | .088 | .229 | -.501 | 30 | 316 | -.098 | .084 | .205 | -.443 |
| 330 | 217 | .004 | .081 | .399 | -.220 | 30 | 267 | -.162 | .118 | .387 | -.595 | 30 | 317 | -.124 | .041 | .024 | -.295 |
| 330 | 218 | .222 | .061 | .035 | -.450 | 30 | 268 | -.020 | .083 | .390 | -.357 | 30 | 318 | -.128 | .042 | .001 | -.300 |
| 330 | 219 | .386 | .081 | .142 | -.722 | 30 | 269 | -.073 | .067 | .380 | -.134 | 30 | 319 | -.138 | .043 | .044 | -.355 |
| 330 | 220 | .346 | .061 | .154 | -.621 | 30 | 270 | -.083 | .071 | .472 | -.136 | 30 | 320 | -.073 | .062 | .223 | -.245 |
| 330 | 221 | .300 | .055 | .062 | -.531 | 30 | 271 | -.063 | .086 | .353 | -.148 | 30 | 321 | -.073 | .072 | .255 | -.275 |
| 330 | 222 | .185 | .052 | .083 | -.450 | 30 | 272 | -.075 | .075 | .412 | -.166 | 30 | 322 | -.240 | .039 | .117 | -.418 |
| 330 | 223 | .167 | .076 | .135 | -.537 | 30 | 273 | -.069 | .075 | .412 | -.219 | 30 | 323 | -.294 | .051 | .149 | -.514 |
| 330 | 224 | .385 | .195 | .157 | -.352 | 30 | 274 | -.033 | .089 | .468 | -.292 | 30 | 324 | -.348 | .041 | .147 | -.702 |
| 330 | 225 | .522 | .181 | .141 | -.284 | 30 | 275 | -.044 | .075 | .392 | -.233 | 30 | 325 | -.211 | .071 | .038 | -.386 |
| 330 | 226 | .143 | .115 | .381 | -.554 | 30 | 276 | -.026 | .063 | .295 | -.173 | 30 | 326 | -.199 | .067 | .064 | -.551 |
| 330 | 227 | .070 | .162 | .545 | -.723 | 30 | 277 | -.075 | .054 | .213 | -.295 | 30 | 327 | -.151 | .071 | .244 | -.476 |
| 330 | 228 | .180 | .146 | .757 | -.187 | 30 | 278 | -.197 | .051 | -.063 | -.415 | 30 | 328 | -.124 | .036 | .014 | -.298 |
| 330 | 229 | .278 | .138 | .773 | -.098 | 30 | 279 | -.360 | .072 | -.081 | -.682 | 30 | 329 | -.141 | .049 | .009 | -.451 |
| 330 | 230 | .281 | .132 | .946 | -.119 | 30 | 280 | -.316 | .054 | -.149 | -.534 | 30 | 330 | -.137 | .036 | .004 | -.336 |
| 330 | 231 | .257 | .147 | .866 | -.144 | 30 | 281 | -.269 | .039 | -.129 | -.433 | 30 | 331 | -.080 | .057 | .184 | -.226 |
| 330 | 232 | .246 | .137 | .823 | -.212 | 30 | 282 | -.168 | .042 | -.092 | -.330 | 30 | 332 | -.152 | .039 | .028 | -.373 |
| 330 | 233 | .190 | .118 | .596 | -.217 | 30 | 283 | -.079 | .083 | .182 | -.390 | 30 | 333 | -.249 | .040 | .141 | -.428 |
| 330 | 234 | .092 | .133 | .612 | -.474 | 30 | 284 | -.151 | .109 | .275 | -.468 | 30 | 334 | -.194 | .033 | .078 | -.318 |
| 330 | 235 | .103 | .103 | .481 | -.324 | 30 | 285 | -.021 | .088 | .341 | -.318 | 30 | 335 | -.306 | .077 | .101 | -.798 |
| 330 | 236 | .087 | .086 | .458 | -.196 | 30 | 286 | -.024 | .071 | .361 | -.267 | 30 | 336 | -.138 | .047 | .066 | -.356 |
| 330 | 237 | .032 | .062 | .277 | -.253 | 30 | 287 | -.019 | .074 | .434 | -.240 | 30 | 337 | -.120 | .032 | .009 | -.256 |
| 330 | 238 | .182 | .051 | .031 | -.428 | 30 | 288 | -.076 | .061 | .371 | -.086 | 30 | 338 | -.085 | .056 | .252 | -.203 |
| 330 | 239 | .303 | .060 | .097 | -.607 | 30 | 289 | -.083 | .060 | .376 | -.079 | 30 | 339 | -.101 | .067 | .169 | -.323 |
| 330 | 240 | .272 | .058 | .056 | -.588 | 30 | 290 | -.079 | .057 | .351 | -.084 | 30 | 340 | -.092 | .064 | .379 | -.154 |
| 330 | 241 | .257 | .052 | .099 | -.506 | 30 | 291 | -.052 | .058 | .306 | -.297 | 30 | 341 | -.088 | .064 | .379 | -.159 |
| 330 | 242 | .200 | .046 | .038 | -.380 | 30 | 292 | -.057 | .056 | .303 | -.189 | 30 | 342 | -.121 | .066 | .399 | -.054 |
| 330 | 243 | .182 | .064 | .086 | -.510 | 30 | 293 | -.069 | .054 | .303 | -.099 | 30 | 343 | -.091 | .072 | .393 | -.188 |
| 330 | 244 | .326 | .147 | .105 | -.036 | 30 | 294 | -.082 | .057 | .333 | -.099 | 30 | 344 | -.183 | .097 | .668 | -.052 |
| 330 | 245 | .475 | .154 | .022 | -.142 | 30 | 295 | -.067 | .069 | .383 | -.194 | 30 | 345 | -.153 | .084 | .559 | -.079 |
| 330 | 246 | .170 | .101 | .362 | -.540 | 30 | 296 | -.059 | .063 | .368 | -.159 | 30 | 346 | -.152 | .078 | .510 | -.076 |
| 330 | 247 | .115 | .143 | .433 | -.623 | 30 | 297 | -.082 | .046 | .280 | -.230 | 30 | 347 | -.169 | .084 | .527 | -.045 |
| 330 | 248 | .070 | .105 | .585 | -.228 | 30 | 298 | -.243 | .043 | -.114 | -.461 | 30 | 348 | -.148 | .077 | .510 | -.018 |
| 330 | 249 | .150 | .092 | .546 | -.097 | 30 | 299 | -.365 | .068 | -.194 | -.647 | 30 | 349 | -.153 | .080 | .573 | -.037 |
| 330 | 250 | .161 | .097 | .610 | -.099 | 30 | 300 | -.236 | .038 | -.036 | -.448 | 30 | 350 | -.111 | .069 | .491 | -.052 |
| 330 | 251 | .140 | .096 | .755 | -.191 | 30 | 301 | -.262 | .044 | -.142 | -.481 | 30 | 351 | -.066 | .073 | .348 | -.256 |
| 330 | 252 | .135 | .094 | .513 | -.136 | 30 | 302 | -.207 | .037 | -.071 | -.378 | 30 | 352 | -.082 | .066 | .438 | -.163 |
| 330 | 253 | .103 | .090 | .456 | -.226 | 30 | 303 | -.081 | .051 | -.263 | -.267 | 30 | 353 | -.097 | .064 | .377 | -.057 |
| 330 | 254 | .030 | .103 | .518 | -.476 | 30 | 304 | -.042 | .084 | -.431 | -.488 | 30 | 401 | -.427 | .077 | .115 | -.814 |
| 330 | 255 | .050 | .078 | .429 | -.453 | 30 | 305 | -.045 | .061 | -.213 | -.380 | 30 | 402 | -.427 | .074 | .197 | -.830 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 30 | 403 | 418 | .065 | 202 | 704 | 30 | 453 | .029 | .060 | 236 | 311 | 30 | 536 | .370 | .056 | 195 | 670 |
| 30 | 404 | 425 | .067 | 181 | 692 | 30 | 454 | .048 | .058 | 224 | 282 | 30 | 537 | .390 | .067 | 176 | 674 |
| 30 | 405 | 415 | .062 | 230 | 729 | 30 | 455 | .034 | .049 | 189 | 199 | 30 | 538 | .388 | .059 | 194 | 643 |
| 30 | 406 | 407 | .060 | 248 | 687 | 30 | 456 | .082 | .052 | 160 | 237 | 30 | 539 | .394 | .060 | 195 | 665 |
| 30 | 407 | 408 | .066 | 128 | 947 | 30 | 457 | .112 | .070 | 446 | 644 | 30 | 540 | .386 | .052 | 241 | 619 |
| 30 | 408 | 401 | .060 | 218 | 759 | 30 | 458 | .117 | .074 | 541 | 680 | 30 | 541 | .379 | .048 | 192 | 623 |
| 30 | 409 | 389 | .054 | 227 | 980 | 30 | 459 | .107 | .098 | 760 | 683 | 30 | 542 | .379 | .048 | 199 | 633 |
| 30 | 410 | 424 | .070 | 098 | 816 | 30 | 460 | .030 | .085 | 388 | 301 | 30 | 543 | .379 | .055 | 185 | 663 |
| 30 | 411 | 408 | .066 | 202 | 883 | 30 | 461 | .076 | .043 | 107 | 228 | 30 | 544 | .380 | .062 | 188 | 698 |
| 30 | 412 | 407 | .066 | 197 | 920 | 30 | 462 | .243 | .040 | 095 | 473 | 30 | 545 | .383 | .064 | 162 | 832 |
| 30 | 413 | 428 | .084 | 195 | 959 | 30 | 463 | .233 | .038 | 088 | 449 | 30 | 546 | .405 | .068 | 204 | 753 |
| 30 | 414 | 412 | .076 | 220 | 973 | 30 | 464 | .233 | .038 | 105 | 379 | 30 | 547 | .396 | .064 | 187 | 706 |
| 30 | 415 | 413 | .071 | 227 | 782 | 30 | 465 | .243 | .037 | 136 | 376 | 30 | 548 | .399 | .057 | 215 | 648 |
| 30 | 416 | 531 | .127 | 088 | 168 | 30 | 466 | .244 | .040 | 117 | 410 | 30 | 549 | .417 | .052 | 248 | 688 |
| 30 | 417 | 523 | .124 | 138 | 120 | 30 | 467 | .247 | .037 | 126 | 401 | 30 | 550 | .418 | .059 | 180 | 693 |
| 30 | 418 | 508 | .115 | 242 | 115 | 30 | 501 | .388 | .073 | 160 | 781 | 30 | 551 | .380 | .054 | 180 | 674 |
| 30 | 419 | 505 | .115 | 151 | 082 | 30 | 502 | .378 | .062 | 169 | 647 | 30 | 552 | .390 | .071 | 171 | 869 |
| 30 | 420 | 550 | .134 | 201 | 163 | 30 | 503 | .377 | .073 | 153 | 793 | 30 | 553 | .394 | .078 | 178 | 904 |
| 30 | 421 | 540 | .128 | 184 | 228 | 30 | 504 | .374 | .071 | 178 | 101 | 30 | 554 | .413 | .086 | 150 | 937 |
| 30 | 422 | 434 | .108 | 090 | 976 | 30 | 505 | .333 | .076 | 137 | 129 | 30 | 555 | .457 | .078 | 178 | 925 |
| 30 | 423 | 478 | .130 | 161 | 221 | 30 | 506 | .333 | .060 | 171 | 733 | 30 | 556 | .463 | .079 | 257 | 925 |
| 30 | 424 | 481 | .127 | 179 | 360 | 30 | 507 | .348 | .051 | 181 | 533 | 30 | 557 | .463 | .075 | 290 | 830 |
| 30 | 425 | 247 | .071 | 004 | 507 | 30 | 508 | .358 | .055 | 150 | 572 | 30 | 558 | .469 | .070 | 276 | 751 |
| 30 | 426 | 264 | .057 | 040 | 484 | 30 | 509 | .361 | .058 | 164 | 626 | 30 | 559 | .435 | .065 | 194 | 700 |
| 30 | 427 | 407 | .102 | 181 | 865 | 30 | 510 | .371 | .055 | 118 | 649 | 30 | 560 | .409 | .068 | 157 | 916 |
| 30 | 428 | 258 | .033 | 132 | 386 | 30 | 511 | .366 | .059 | 162 | 622 | 30 | 561 | .401 | .082 | 190 | 177 |
| 30 | 429 | 233 | .033 | 122 | 420 | 30 | 512 | .366 | .053 | 197 | 663 | 30 | 562 | .415 | .092 | 104 | 002 |
| 30 | 430 | 221 | .032 | 122 | 394 | 30 | 513 | .366 | .056 | 204 | 663 | 30 | 563 | .401 | .089 | 106 | 944 |
| 30 | 431 | 222 | .039 | 110 | 486 | 30 | 514 | .366 | .051 | 208 | 663 | 30 | 564 | .491 | .082 | 215 | 944 |
| 30 | 432 | 227 | .040 | 033 | 597 | 30 | 515 | .352 | .049 | 211 | 591 | 30 | 565 | .496 | .077 | 218 | 867 |
| 30 | 433 | 224 | .036 | 105 | 556 | 30 | 516 | .358 | .050 | 192 | 577 | 30 | 566 | .489 | .076 | 290 | 897 |
| 30 | 434 | 231 | .038 | 069 | 476 | 30 | 517 | .354 | .051 | 178 | 591 | 30 | 567 | .524 | .107 | 226 | 141 |
| 30 | 435 | 220 | .032 | 115 | 360 | 30 | 518 | .364 | .050 | 176 | 575 | 30 | 568 | .421 | .064 | 201 | 818 |
| 30 | 436 | 229 | .038 | 128 | 433 | 30 | 519 | .375 | .067 | 104 | 665 | 30 | 569 | .413 | .082 | 099 | 879 |
| 30 | 437 | 276 | .037 | 158 | 456 | 30 | 520 | .381 | .061 | 157 | 644 | 30 | 570 | .444 | .116 | 122 | 039 |
| 30 | 438 | 304 | .043 | 176 | 519 | 30 | 521 | .377 | .058 | 178 | 628 | 30 | 571 | .423 | .115 | 143 | 479 |
| 30 | 439 | 321 | .036 | 199 | 474 | 30 | 522 | .372 | .050 | 234 | 614 | 30 | 572 | .402 | .118 | 143 | 151 |
| 30 | 440 | 319 | .041 | 211 | 489 | 30 | 523 | .370 | .044 | 208 | 528 | 30 | 573 | .406 | .077 | 128 | 847 |
| 30 | 441 | 305 | .039 | 180 | 474 | 30 | 524 | .367 | .043 | 225 | 547 | 30 | 574 | .456 | .095 | 151 | 840 |
| 30 | 442 | 305 | .045 | 161 | 464 | 30 | 525 | .369 | .046 | 218 | 561 | 30 | 575 | .331 | .060 | 168 | 633 |
| 30 | 443 | 335 | .055 | 183 | 532 | 30 | 526 | .363 | .049 | 204 | 565 | 30 | 576 | .390 | .153 | 282 | 405 |
| 30 | 444 | 288 | .045 | 076 | 430 | 30 | 527 | .369 | .050 | 218 | 628 | 30 | 577 | .396 | .163 | 234 | 685 |
| 30 | 445 | 245 | .041 | 054 | 435 | 30 | 528 | .388 | .072 | 153 | 753 | 30 | 578 | .368 | .127 | 272 | 476 |
| 30 | 446 | 264 | .045 | 122 | 486 | 30 | 529 | .373 | .067 | 130 | 659 | 30 | 579 | .368 | .089 | 045 | 698 |
| 30 | 447 | 243 | .038 | 108 | 401 | 30 | 530 | .377 | .061 | 218 | 659 | 30 | 580 | .286 | .064 | 062 | 547 |
| 30 | 448 | 066 | .070 | 362 | 190 | 30 | 531 | .379 | .052 | 213 | 659 | 30 | 581 | .281 | .054 | 118 | 509 |
| 30 | 449 | 072 | .068 | 472 | 166 | 30 | 532 | .378 | .046 | 199 | 563 | 30 | 582 | .269 | .045 | 128 | 469 |
| 30 | 450 | 007 | .057 | 333 | 197 | 30 | 533 | .372 | .046 | 197 | 556 | 30 | 583 | .322 | .061 | 161 | 833 |
| 30 | 451 | 037 | .064 | 283 | 326 | 30 | 534 | .374 | .052 | 204 | 737 | 30 | 584 | .319 | .070 | 138 | 825 |
| 30 | 452 | 033 | .059 | 253 | 340 | 30 | 535 | .372 | .053 | 176 | 800 | 30 | 585 | .468 | .182 | 176 | 551 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 30 | 586 | 450 | 160 | 166 | -1.350 | 30 | 717 | 651 | 128 | 229 | -1.191 | 30 | 767 | 302 | 042 | 178 | 530 |
| 30 | 587 | 267 | 046 | 065 | -1.474 | 30 | 718 | 439 | 156 | 194 | -1.046 | 30 | 801 | 248 | 037 | 113 | 451 |
| 30 | 588 | 218 | 063 | 059 | -1.476 | 30 | 719 | 569 | 102 | 294 | -1.962 | 30 | 802 | 238 | 040 | 053 | 376 |
| 30 | 589 | 233 | 033 | 120 | -1.380 | 30 | 720 | 543 | 125 | 008 | -1.138 | 30 | 803 | 443 | 069 | 241 | 680 |
| 30 | 590 | 236 | 030 | 128 | -1.332 | 30 | 721 | 386 | 122 | 057 | -1.983 | 30 | 804 | 305 | 085 | 031 | 608 |
| 30 | 591 | 225 | 029 | 065 | -1.350 | 30 | 722 | 530 | 090 | 202 | -1.911 | 30 | 805 | 396 | 094 | 029 | 755 |
| 30 | 592 | 593 | 178 | 267 | -1.557 | 30 | 723 | 523 | 102 | 158 | -1.938 | 30 | 901 | 310 | 166 | 387 | 844 |
| 30 | 593 | 629 | 195 | 279 | -1.627 | 30 | 724 | 370 | 111 | 001 | -1.773 | 30 | 902 | 406 | 114 | 000 | 782 |
| 30 | 594 | 522 | 131 | 108 | -1.052 | 30 | 725 | 509 | 101 | 201 | -1.938 | 30 | 903 | 451 | 111 | 046 | 888 |
| 30 | 595 | 409 | 149 | 011 | -1.105 | 30 | 726 | 312 | 083 | 011 | -1.663 | 30 | 904 | 060 | 150 | 069 | 687 |
| 30 | 596 | 240 | 047 | 062 | -1.514 | 30 | 727 | 254 | 089 | 029 | -1.598 | 30 | 905 | 430 | 120 | 028 | 825 |
| 30 | 597 | 285 | 061 | 073 | -1.600 | 30 | 728 | 121 | 052 | 053 | -1.386 | 30 | 906 | 430 | 100 | 163 | 904 |
| 30 | 598 | 406 | 113 | 166 | -1.936 | 30 | 729 | 102 | 043 | 059 | -1.273 | 30 | 907 | 533 | 135 | 140 | 175 |
| 30 | 599 | 465 | 147 | 201 | -1.462 | 30 | 730 | 092 | 043 | 053 | -1.342 | 30 | 908 | 433 | 096 | 071 | 904 |
| 30 | 600 | 301 | 048 | 110 | -1.486 | 30 | 731 | 150 | 073 | 036 | -1.609 | 30 | 909 | 553 | 116 | 105 | 030 |
| 30 | 601 | 304 | 071 | 020 | -1.562 | 30 | 732 | 232 | 068 | 027 | -1.641 | 30 | 910 | 647 | 133 | 069 | 217 |
| 30 | 602 | 206 | 056 | 047 | -1.451 | 30 | 733 | 228 | 045 | 109 | -1.500 | 30 | 911 | 646 | 134 | 220 | 131 |
| 30 | 603 | 237 | 033 | 122 | -1.359 | 30 | 734 | 222 | 041 | 095 | -1.454 | 30 | 912 | 569 | 207 | 069 | 345 |
| 30 | 604 | 235 | 029 | 148 | -1.328 | 30 | 735 | 101 | 074 | 274 | -1.304 | 30 | 913 | 209 | 040 | 012 | 359 |
| 30 | 605 | 232 | 031 | 088 | -1.363 | 30 | 736 | 084 | 060 | 298 | -1.250 | 30 | 914 | 202 | 045 | 041 | 347 |
| 30 | 606 | 230 | 029 | 111 | -1.383 | 30 | 737 | 088 | 048 | 066 | -1.265 | 30 | 915 | 722 | 130 | 223 | 212 |
| 30 | 607 | 641 | 172 | 238 | -1.591 | 30 | 738 | 086 | 037 | 036 | -1.257 | 30 | 916 | 832 | 182 | 170 | 654 |
| 30 | 608 | 590 | 140 | 298 | -1.418 | 30 | 739 | 097 | 030 | 019 | -1.199 | 30 | 917 | 063 | 054 | 277 | 212 |
| 30 | 609 | 454 | 137 | 081 | -1.161 | 30 | 740 | 146 | 031 | 010 | -1.265 | 30 | 918 | 148 | 043 | 046 | 280 |
| 30 | 610 | 326 | 062 | 156 | -1.668 | 30 | 741 | 187 | 035 | 071 | -1.311 | 30 | 919 | 051 | 113 | 346 | 499 |
| 30 | 611 | 319 | 067 | 021 | -1.603 | 30 | 742 | 208 | 035 | 092 | -1.367 | 30 | 920 | 117 | 077 | 224 | 420 |
| 30 | 612 | 245 | 051 | 008 | -1.486 | 30 | 743 | 262 | 041 | 146 | -1.426 | 30 | 921 | 794 | 186 | 144 | 626 |
| 30 | 613 | 239 | 033 | 118 | -1.388 | 30 | 744 | 265 | 046 | 131 | -1.441 | 30 | 922 | 773 | 167 | 326 | 835 |
| 30 | 614 | 238 | 029 | 118 | -1.333 | 30 | 745 | 198 | 052 | 017 | -1.371 | 30 | 923 | 955 | 288 | 049 | 962 |
| 30 | 615 | 233 | 027 | 136 | -1.358 | 30 | 746 | 157 | 055 | 039 | -1.346 | 30 | 924 | 034 | 276 | 207 | 229 |
| 30 | 616 | 231 | 028 | 136 | -1.363 | 30 | 747 | 097 | 068 | 235 | -1.313 | 30 | 925 | 049 | 069 | 432 | 118 |
| 30 | 617 | 286 | 059 | 096 | -1.616 | 30 | 748 | 005 | 074 | 323 | -1.354 | 30 | 926 | 177 | 149 | 313 | 605 |
| 30 | 618 | 320 | 060 | 126 | -1.601 | 30 | 749 | 003 | 088 | 281 | -1.422 | 30 | 927 | 176 | 147 | 675 | 501 |
| 30 | 619 | 324 | 061 | 101 | -1.683 | 30 | 750 | 071 | 070 | 374 | -1.180 | 30 | 928 | 139 | 185 | 914 | 722 |
| 30 | 701 | 680 | 149 | 049 | -1.692 | 30 | 751 | 158 | 103 | 660 | -1.100 | 30 | 929 | 115 | 163 | 606 | 634 |
| 30 | 702 | 607 | 199 | 215 | -1.377 | 30 | 752 | 159 | 115 | 645 | -1.131 | 30 | 930 | 079 | 086 | 499 | 260 |
| 30 | 703 | 264 | 324 | 942 | -1.130 | 30 | 753 | 033 | 060 | 291 | -1.262 | 30 | 931 | 056 | 105 | 543 | 453 |
| 30 | 704 | 602 | 165 | 118 | -1.170 | 30 | 754 | 005 | 056 | 221 | -1.219 | 30 | 932 | 042 | 060 | 388 | 265 |
| 30 | 705 | 615 | 196 | 276 | -1.326 | 30 | 755 | 090 | 055 | 221 | -1.289 | 30 | 933 | 166 | 038 | 022 | 313 |
| 30 | 706 | 423 | 231 | 488 | -1.200 | 30 | 756 | 022 | 058 | 342 | -1.262 | 30 | 934 | 095 | 052 | 169 | 376 |
| 30 | 707 | 607 | 164 | 099 | -1.249 | 30 | 757 | 089 | 057 | 196 | -1.313 | 30 | 935 | 012 | 049 | 171 | 224 |
| 30 | 708 | 626 | 187 | 015 | -1.316 | 30 | 758 | 013 | 092 | 461 | -1.483 | 30 | 936 | 081 | 048 | 123 | 284 |
| 30 | 709 | 513 | 194 | 299 | -1.151 | 30 | 759 | 117 | 073 | 473 | -1.077 | 30 | 937 | 029 | 060 | 256 | 275 |
| 30 | 710 | 670 | 152 | 012 | -1.168 | 30 | 760 | 171 | 093 | 675 | -1.096 | 30 | 938 | 002 | 051 | 369 | 190 |
| 30 | 711 | 607 | 162 | 006 | -1.277 | 30 | 761 | 176 | 089 | 610 | -1.024 | 30 | 939 | 024 | 062 | 253 | 294 |
| 30 | 712 | 520 | 172 | 260 | -1.065 | 30 | 762 | 298 | 038 | 198 | -1.473 | 30 | 940 | 021 | 064 | 265 | 263 |
| 30 | 713 | 621 | 134 | 278 | -1.121 | 30 | 763 | 288 | 036 | 149 | -1.420 | 30 | 941 | 078 | 051 | 198 | 292 |
| 30 | 714 | 657 | 139 | 315 | -1.233 | 30 | 764 | 315 | 041 | 186 | -1.501 | 30 | 942 | 060 | 068 | 239 | 376 |
| 30 | 715 | 559 | 154 | 043 | -1.230 | 30 | 765 | 284 | 036 | 171 | -1.422 | 30 | 943 | 072 | 084 | 225 | 441 |
| 30 | 716 | 631 | 116 | 322 | -1.032 | 30 | 766 | 254 | 039 | 130 | -1.417 | 30 | 944 | 047 | 054 | 239 | 304 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 30 | 945 | -.173 | .031 | -.026 | -.354 | 40 | 141 | -.153 | .065 | .095 | -.386 | 40 | 191 | .372 | .189 | .981 | -.134 |
| 30 | 946 | -.076 | .037 | -.077 | -.280 | 40 | 142 | .051 | .087 | .477 | -.325 | 40 | 192 | .364 | .214 | .950 | -.414 |
| 30 | 947 | -.169 | .034 | -.034 | -.306 | 40 | 143 | .213 | .114 | .593 | -.235 | 40 | 193 | .255 | .247 | .980 | -.611 |
| 30 | 948 | -.151 | .036 | -.027 | -.270 | 40 | 144 | .214 | .158 | .678 | -.629 | 40 | 194 | .185 | .237 | .926 | -1.125 |
| 30 | 949 | -.167 | .038 | .063 | -.386 | 40 | 145 | .140 | .231 | .753 | -.853 | 40 | 195 | .205 | .220 | .773 | -.723 |
| 30 | 950 | -.173 | .038 | .087 | -.347 | 40 | 146 | .364 | .181 | .925 | -.494 | 40 | 196 | .140 | .153 | .616 | -.357 |
| 30 | 951 | -.120 | .043 | .092 | -.325 | 40 | 147 | .535 | .190 | 1.059 | -.181 | 40 | 197 | .009 | .107 | .570 | -.326 |
| 30 | 952 | -.104 | .056 | .285 | -.321 | 40 | 148 | .478 | .165 | 1.058 | -.072 | 40 | 198 | -.164 | .074 | .110 | -.406 |
| 30 | 953 | -.083 | .049 | .195 | -.318 | 40 | 149 | .434 | .161 | .962 | -.072 | 40 | 199 | .279 | .067 | -.084 | -.374 |
| 30 | 954 | -.085 | .046 | .087 | -.306 | 40 | 150 | .087 | .162 | .950 | -.115 | 40 | 200 | -.276 | .066 | -.009 | -.555 |
| 40 | 101 | -.347 | .035 | -.237 | -.469 | 40 | 151 | .496 | .163 | .951 | -.132 | 40 | 201 | -.235 | .063 | .028 | -.423 |
| 40 | 102 | -.201 | .060 | .034 | -.410 | 40 | 152 | .585 | .172 | 1.125 | -.182 | 40 | 202 | -.169 | .062 | .196 | -.423 |
| 40 | 103 | -.086 | .079 | .246 | -.509 | 40 | 153 | .488 | .170 | .985 | -.184 | 40 | 203 | .080 | .098 | .397 | -.695 |
| 40 | 104 | -.026 | .104 | .364 | -.325 | 40 | 154 | .352 | .185 | .890 | -.184 | 40 | 204 | -.205 | .236 | .406 | -1.161 |
| 40 | 105 | .071 | .124 | .468 | -.558 | 40 | 155 | .379 | .158 | .978 | -.283 | 40 | 205 | -.278 | .250 | .441 | -1.133 |
| 40 | 106 | .500 | .165 | .937 | -.299 | 40 | 156 | .276 | .113 | .630 | -.105 | 40 | 206 | -.013 | .133 | .584 | -.555 |
| 40 | 107 | .485 | .181 | 1.017 | -.431 | 40 | 157 | .115 | .086 | .393 | -.169 | 40 | 207 | .022 | .160 | .546 | -1.026 |
| 40 | 108 | .191 | .120 | .649 | -.282 | 40 | 158 | -.129 | .060 | .146 | -.388 | 40 | 208 | .176 | .123 | .770 | -.182 |
| 40 | 109 | .002 | .102 | .423 | -.306 | 40 | 159 | -.243 | .055 | -.056 | -.596 | 40 | 209 | .283 | .154 | .859 | -.611 |
| 40 | 110 | -.090 | .105 | .435 | -.452 | 40 | 160 | -.218 | .053 | .025 | -.535 | 40 | 210 | .305 | .154 | .889 | -.672 |
| 40 | 111 | .042 | .127 | .496 | -.365 | 40 | 161 | -.134 | .069 | .179 | -.421 | 40 | 211 | .268 | .163 | .978 | -.161 |
| 40 | 112 | .147 | .115 | .508 | -.280 | 40 | 162 | .015 | .089 | .381 | -.279 | 40 | 212 | .224 | .195 | .829 | -.324 |
| 40 | 113 | .387 | .233 | 1.024 | -.499 | 40 | 163 | .131 | .119 | .644 | -.452 | 40 | 213 | .184 | .195 | .777 | -.394 |
| 40 | 114 | .528 | .182 | 1.088 | -.362 | 40 | 164 | -.018 | .253 | .679 | -.878 | 40 | 214 | .041 | .143 | .434 | -.366 |
| 40 | 115 | .124 | .116 | .480 | -.539 | 40 | 165 | -.079 | .258 | .701 | -1.099 | 40 | 215 | .117 | .172 | .601 | -.550 |
| 40 | 116 | .010 | .098 | .366 | -.332 | 40 | 166 | .254 | .197 | .926 | -.613 | 40 | 216 | .107 | .133 | .560 | -.354 |
| 40 | 117 | -.065 | .078 | .286 | -.393 | 40 | 167 | .382 | .208 | 1.002 | -.610 | 40 | 217 | -.058 | .090 | .237 | -.391 |
| 40 | 118 | .189 | .058 | .055 | -.384 | 40 | 168 | .527 | .185 | 1.099 | -.124 | 40 | 218 | -.245 | .059 | .025 | -.459 |
| 40 | 119 | .349 | .060 | -.108 | -.627 | 40 | 169 | .587 | .176 | 1.087 | -.132 | 40 | 219 | -.382 | .069 | -.157 | -.661 |
| 40 | 120 | .246 | .136 | .720 | -.577 | 40 | 170 | .605 | .180 | 1.218 | -.077 | 40 | 220 | -.364 | .063 | -.184 | -.664 |
| 40 | 121 | .170 | .162 | .619 | -.443 | 40 | 171 | .376 | .198 | 1.149 | -.051 | 40 | 221 | .318 | .055 | -.084 | -.586 |
| 40 | 122 | .579 | .169 | 1.031 | -.402 | 40 | 172 | .517 | .217 | 1.130 | -.049 | 40 | 222 | .198 | .048 | .003 | -.389 |
| 40 | 123 | .495 | .181 | .987 | -.181 | 40 | 173 | .414 | .226 | 1.049 | -.563 | 40 | 223 | .170 | .069 | .144 | -.649 |
| 40 | 124 | .203 | .121 | .645 | -.242 | 40 | 174 | .246 | .219 | .905 | -.942 | 40 | 224 | .249 | .159 | .129 | -1.003 |
| 40 | 125 | .162 | .122 | .550 | -.226 | 40 | 175 | .255 | .189 | .765 | -.734 | 40 | 225 | .338 | .182 | .101 | -1.173 |
| 40 | 126 | .348 | .172 | .829 | -.560 | 40 | 176 | .207 | .128 | .596 | -.203 | 40 | 226 | .109 | .096 | .304 | -.513 |
| 40 | 127 | .638 | .179 | 1.156 | -.143 | 40 | 177 | .070 | .097 | .366 | -.362 | 40 | 227 | -.065 | .129 | .472 | -.828 |
| 40 | 128 | .774 | .152 | .774 | -.214 | 40 | 178 | -.167 | .068 | .058 | -.463 | 40 | 228 | .108 | .117 | .766 | -.228 |
| 40 | 129 | .331 | .125 | .744 | -.341 | 40 | 179 | .340 | .067 | .148 | -.639 | 40 | 229 | .183 | .129 | .759 | -.144 |
| 40 | 130 | .270 | .152 | .734 | -.527 | 40 | 180 | -.232 | .061 | -.008 | -.473 | 40 | 230 | .180 | .121 | .717 | -.107 |
| 40 | 131 | .215 | .205 | .758 | -.789 | 40 | 181 | -.173 | .072 | .170 | -.428 | 40 | 231 | .162 | .150 | .787 | -.217 |
| 40 | 132 | .474 | .177 | 1.046 | -.497 | 40 | 182 | -.048 | .093 | .423 | -.392 | 40 | 232 | .136 | .151 | .786 | -.424 |
| 40 | 133 | .597 | .174 | 1.156 | -.072 | 40 | 183 | .024 | .117 | .544 | -.698 | 40 | 233 | .094 | .140 | .736 | -.407 |
| 40 | 134 | .283 | .186 | 1.053 | -.365 | 40 | 184 | -.132 | .275 | .625 | -1.336 | 40 | 234 | .026 | .147 | .631 | -.435 |
| 40 | 135 | .215 | .146 | .913 | -.339 | 40 | 185 | -.216 | .265 | .549 | -1.184 | 40 | 235 | .025 | .124 | .480 | -.463 |
| 40 | 136 | .422 | .247 | 1.114 | -.460 | 40 | 186 | .080 | .179 | .722 | -.663 | 40 | 236 | .011 | .089 | .506 | -.269 |
| 40 | 137 | .518 | .132 | .886 | -.004 | 40 | 187 | .176 | .199 | .812 | -.705 | 40 | 237 | -.086 | .066 | .194 | -.360 |
| 40 | 138 | .353 | .161 | .831 | -.023 | 40 | 188 | .349 | .165 | .900 | -.252 | 40 | 238 | -.214 | .053 | .018 | -.449 |
| 40 | 139 | .365 | .143 | .814 | -.325 | 40 | 189 | .419 | .174 | 1.028 | -.022 | 40 | 239 | .313 | .059 | -.135 | -.592 |
| 40 | 140 | -.346 | .063 | -.138 | -.657 | 40 | 190 | .419 | .190 | 1.102 | -.013 | 40 | 240 | -.281 | .060 | -.095 | -.572 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 40 | 241 | 266 | 057 | 100 | 487 | 40 | 291 | 034 | 054 | 316 | 577 | 40 | 341 | 085 | 058 | 419 | 080 |
| 40 | 242 | 201 | 048 | 603 | 440 | 40 | 292 | 053 | 054 | 304 | 181 | 40 | 342 | 079 | 063 | 390 | 161 |
| 40 | 243 | 167 | 058 | 058 | 431 | 40 | 293 | 051 | 052 | 274 | 129 | 40 | 343 | 079 | 063 | 401 | 149 |
| 40 | 244 | 259 | 119 | 034 | 997 | 40 | 294 | 062 | 056 | 343 | 103 | 40 | 344 | 166 | 089 | 687 | 063 |
| 40 | 245 | 410 | 157 | 004 | 290 | 40 | 295 | 082 | 074 | 463 | 161 | 40 | 345 | 144 | 081 | 461 | 053 |
| 40 | 246 | 152 | 088 | 229 | 478 | 40 | 296 | 071 | 066 | 355 | 107 | 40 | 346 | 129 | 078 | 500 | 102 |
| 40 | 247 | 107 | 129 | 457 | 682 | 40 | 297 | 088 | 047 | 115 | 232 | 40 | 347 | 139 | 081 | 588 | 063 |
| 40 | 248 | 070 | 107 | 543 | 085 | 40 | 298 | 085 | 043 | 127 | 452 | 40 | 348 | 129 | 080 | 514 | 058 |
| 40 | 249 | 160 | 096 | 542 | 085 | 40 | 299 | 389 | 072 | 208 | 697 | 40 | 349 | 133 | 081 | 454 | 053 |
| 40 | 250 | 167 | 102 | 661 | 151 | 40 | 300 | 224 | 037 | 102 | 401 | 40 | 350 | 093 | 067 | 444 | 090 |
| 40 | 251 | 129 | 104 | 593 | 292 | 40 | 301 | 237 | 043 | 100 | 401 | 40 | 351 | 066 | 062 | 285 | 197 |
| 40 | 252 | 126 | 113 | 544 | 259 | 40 | 302 | 209 | 033 | 097 | 337 | 40 | 352 | 078 | 061 | 332 | 102 |
| 40 | 253 | 091 | 108 | 478 | 250 | 40 | 303 | 114 | 041 | 089 | 296 | 40 | 353 | 096 | 064 | 371 | 063 |
| 40 | 254 | 007 | 117 | 546 | 428 | 40 | 304 | 083 | 074 | 196 | 445 | 40 | 401 | 485 | 127 | 450 | 899 |
| 40 | 255 | 023 | 088 | 553 | 381 | 40 | 305 | 072 | 059 | 155 | 337 | 40 | 402 | 540 | 116 | 237 | 088 |
| 40 | 256 | 003 | 072 | 260 | 280 | 40 | 306 | 122 | 056 | 135 | 349 | 40 | 403 | 552 | 119 | 268 | 077 |
| 40 | 257 | 097 | 057 | 161 | 330 | 40 | 307 | 157 | 038 | 013 | 320 | 40 | 404 | 555 | 095 | 057 | 871 |
| 40 | 258 | 250 | 050 | 092 | 473 | 40 | 308 | 155 | 036 | 022 | 320 | 40 | 405 | 522 | 112 | 147 | 030 |
| 40 | 259 | 317 | 055 | 163 | 590 | 40 | 309 | 128 | 083 | 305 | 326 | 40 | 406 | 531 | 109 | 213 | 055 |
| 40 | 260 | 233 | 053 | 078 | 442 | 40 | 310 | 203 | 034 | 093 | 354 | 40 | 407 | 483 | 099 | 232 | 998 |
| 40 | 261 | 193 | 047 | 067 | 496 | 40 | 311 | 206 | 032 | 100 | 357 | 40 | 408 | 474 | 110 | 254 | 123 |
| 40 | 262 | 194 | 037 | 025 | 358 | 40 | 312 | 224 | 037 | 122 | 433 | 40 | 409 | 469 | 103 | 229 | 909 |
| 40 | 263 | 171 | 049 | 006 | 417 | 40 | 313 | 269 | 053 | 117 | 474 | 40 | 410 | 471 | 100 | 107 | 966 |
| 40 | 264 | 266 | 110 | 020 | 703 | 40 | 314 | 232 | 036 | 117 | 367 | 40 | 411 | 488 | 120 | 216 | 141 |
| 40 | 265 | 361 | 109 | 013 | 795 | 40 | 315 | 163 | 066 | 064 | 489 | 40 | 412 | 476 | 117 | 232 | 082 |
| 40 | 266 | 151 | 083 | 163 | 459 | 40 | 316 | 145 | 086 | 118 | 501 | 40 | 413 | 490 | 115 | 044 | 059 |
| 40 | 267 | 130 | 110 | 424 | 576 | 40 | 317 | 160 | 035 | 029 | 279 | 40 | 414 | 493 | 117 | 220 | 103 |
| 40 | 268 | 002 | 085 | 340 | 266 | 40 | 318 | 163 | 031 | 051 | 271 | 40 | 415 | 494 | 111 | 216 | 033 |
| 40 | 269 | 089 | 070 | 469 | 130 | 40 | 319 | 161 | 030 | 002 | 283 | 40 | 416 | 518 | 107 | 156 | 998 |
| 40 | 270 | 095 | 072 | 384 | 123 | 40 | 320 | 134 | 040 | 096 | 244 | 40 | 417 | 539 | 121 | 195 | 183 |
| 40 | 271 | 062 | 075 | 347 | 231 | 40 | 321 | 136 | 053 | 177 | 279 | 40 | 418 | 526 | 116 | 183 | 067 |
| 40 | 272 | 087 | 084 | 493 | 255 | 40 | 322 | 227 | 039 | 124 | 374 | 40 | 419 | 508 | 112 | 063 | 935 |
| 40 | 273 | 071 | 078 | 389 | 243 | 40 | 323 | 270 | 049 | 132 | 477 | 40 | 420 | 568 | 119 | 102 | 114 |
| 40 | 274 | 008 | 088 | 370 | 301 | 40 | 324 | 309 | 066 | 139 | 653 | 40 | 421 | 527 | 111 | 244 | 190 |
| 40 | 275 | 022 | 076 | 347 | 259 | 40 | 325 | 208 | 036 | 076 | 371 | 40 | 422 | 466 | 112 | 006 | 876 |
| 40 | 276 | 001 | 061 | 330 | 257 | 40 | 326 | 228 | 056 | 018 | 497 | 40 | 423 | 526 | 118 | 222 | 079 |
| 40 | 277 | 095 | 051 | 156 | 269 | 40 | 327 | 201 | 060 | 096 | 453 | 40 | 424 | 520 | 121 | 222 | 013 |
| 40 | 278 | 210 | 054 | 025 | 421 | 40 | 328 | 154 | 034 | 013 | 271 | 40 | 425 | 271 | 083 | 014 | 662 |
| 40 | 279 | 391 | 067 | 151 | 663 | 40 | 329 | 186 | 043 | 054 | 363 | 40 | 426 | 282 | 063 | 070 | 549 |
| 40 | 280 | 345 | 061 | 195 | 614 | 40 | 330 | 162 | 029 | 064 | 278 | 40 | 427 | 480 | 111 | 198 | 959 |
| 40 | 281 | 300 | 045 | 159 | 467 | 40 | 331 | 130 | 039 | 062 | 256 | 40 | 428 | 275 | 037 | 168 | 426 |
| 40 | 282 | 179 | 040 | 060 | 335 | 40 | 332 | 163 | 036 | 050 | 303 | 40 | 429 | 257 | 034 | 143 | 229 |
| 40 | 283 | 075 | 082 | 189 | 418 | 40 | 333 | 233 | 040 | 113 | 390 | 40 | 430 | 240 | 037 | 139 | 438 |
| 40 | 284 | 139 | 101 | 191 | 428 | 40 | 334 | 189 | 030 | 086 | 312 | 40 | 431 | 230 | 039 | 112 | 472 |
| 40 | 285 | 033 | 077 | 277 | 276 | 40 | 335 | 273 | 068 | 089 | 609 | 40 | 432 | 232 | 040 | 114 | 490 |
| 40 | 286 | 017 | 063 | 296 | 161 | 40 | 336 | 169 | 043 | 042 | 376 | 40 | 433 | 221 | 040 | 073 | 448 |
| 40 | 287 | 004 | 060 | 289 | 208 | 40 | 337 | 146 | 028 | 035 | 264 | 40 | 434 | 225 | 039 | 105 | 524 |
| 40 | 288 | 062 | 050 | 262 | 129 | 40 | 338 | 135 | 038 | 048 | 222 | 40 | 435 | 217 | 034 | 095 | 360 |
| 40 | 289 | 070 | 052 | 326 | 088 | 40 | 339 | 156 | 042 | 088 | 280 | 40 | 436 | 304 | 050 | 112 | 488 |
| 40 | 290 | 064 | 051 | 236 | 100 | 40 | 340 | 077 | 062 | 322 | 278 | 40 | 437 | 323 | 048 | 154 | 502 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 40 | 438 | 0.343 | 0.48 | 1.96 | 5.229 | 40 | 522 | 0.380 | 0.50 | 2.15 | 5.77 | 40 | 571 | 0.459 | 1.29 | 1.89 | -1.244 |
| 40 | 439 | 0.333 | 0.49 | 2.00 | 5.229 | 40 | 522 | 0.381 | 0.47 | 2.36 | 5.72 | 40 | 572 | 0.468 | 1.32 | 1.45 | -1.341 |
| 40 | 440 | 0.335 | 0.49 | 2.05 | 5.337 | 40 | 523 | 0.379 | 0.42 | 2.18 | 5.54 | 40 | 573 | 0.405 | 0.89 | 1.24 | -1.782 |
| 40 | 441 | 0.331 | 0.47 | 2.00 | 5.324 | 40 | 523 | 0.381 | 0.46 | 2.20 | 5.59 | 40 | 574 | 0.440 | 0.93 | 1.66 | -1.797 |
| 40 | 442 | 0.334 | 0.56 | 1.56 | 5.325 | 40 | 523 | 0.384 | 0.51 | 2.11 | 7.37 | 40 | 575 | 0.379 | 0.75 | 2.05 | -1.662 |
| 40 | 443 | 0.352 | 0.66 | 1.85 | 5.328 | 40 | 523 | 0.387 | 0.57 | 2.06 | 7.10 | 40 | 576 | 0.372 | 0.75 | 2.86 | -1.784 |
| 40 | 444 | 0.302 | 0.46 | 0.95 | 4.446 | 40 | 527 | 0.391 | 0.64 | 1.92 | 7.14 | 40 | 577 | 0.594 | 2.09 | 2.74 | -1.580 |
| 40 | 445 | 0.242 | 0.42 | 0.90 | 4.404 | 40 | 528 | 0.399 | 0.68 | 1.63 | 7.97 | 40 | 578 | 0.322 | 0.88 | 2.47 | -1.416 |
| 40 | 446 | 0.254 | 0.44 | 1.00 | 4.114 | 40 | 529 | 0.399 | 0.68 | 1.63 | 6.96 | 40 | 579 | 0.369 | 0.88 | 1.02 | -1.903 |
| 40 | 447 | 0.235 | 0.37 | 1.14 | 4.883 | 40 | 530 | 0.388 | 0.54 | 2.15 | 6.16 | 40 | 580 | 0.375 | 0.56 | 0.87 | -1.324 |
| 40 | 448 | 0.066 | 0.75 | 4.883 | 3.119 | 40 | 531 | 0.388 | 0.47 | 2.50 | 6.14 | 40 | 581 | 0.291 | 0.50 | 1.14 | -1.307 |
| 40 | 449 | 0.066 | 0.69 | 2.388 | 3.555 | 40 | 532 | 0.388 | 0.45 | 2.50 | 5.50 | 40 | 582 | 0.394 | 0.51 | 1.54 | -1.500 |
| 40 | 450 | 0.166 | 0.55 | 2.766 | 3.775 | 40 | 533 | 0.387 | 0.47 | 2.31 | 6.09 | 40 | 583 | 0.365 | 0.85 | 1.78 | -1.750 |
| 40 | 451 | 0.063 | 0.66 | 1.66 | 3.375 | 40 | 534 | 0.387 | 0.68 | 1.83 | 8.59 | 40 | 584 | 0.383 | 0.83 | 1.58 | -1.930 |
| 40 | 452 | 0.072 | 0.57 | 1.51 | 3.221 | 40 | 535 | 0.387 | 0.68 | 1.67 | 9.39 | 40 | 585 | 0.358 | 2.27 | 1.27 | -1.851 |
| 40 | 453 | 0.056 | 0.52 | 1.68 | 2.600 | 40 | 536 | 0.387 | 0.80 | 1.69 | 9.02 | 40 | 586 | 0.351 | 1.93 | 1.81 | -1.698 |
| 40 | 454 | 0.087 | 0.58 | 1.00 | 3.304 | 40 | 537 | 0.400 | 0.78 | 1.63 | 8.31 | 40 | 587 | 0.331 | 0.44 | 0.75 | -1.419 |
| 40 | 455 | 0.073 | 0.47 | 1.24 | 2.884 | 40 | 537 | 0.389 | 0.63 | 2.01 | 7.09 | 40 | 588 | 0.334 | 0.47 | 0.19 | -1.355 |
| 40 | 456 | 0.131 | 0.52 | 1.24 | 4.119 | 40 | 539 | 0.399 | 0.59 | 2.31 | 6.55 | 40 | 589 | 0.350 | 0.33 | 1.36 | -1.333 |
| 40 | 457 | 0.099 | 0.63 | 3.370 | 0.669 | 40 | 540 | 0.405 | 0.54 | 2.61 | 6.30 | 40 | 590 | 0.248 | 0.32 | 1.49 | -1.755 |
| 40 | 458 | 0.089 | 0.63 | 3.370 | 0.669 | 40 | 541 | 0.399 | 0.49 | 2.27 | 5.93 | 40 | 591 | 0.249 | 0.35 | 1.39 | -1.344 |
| 40 | 459 | 0.075 | 0.85 | 6.12 | 3.101 | 40 | 542 | 0.398 | 0.52 | 2.15 | 7.01 | 40 | 592 | 0.330 | 0.29 | 2.79 | -2.023 |
| 40 | 460 | 0.119 | 0.79 | 3.46 | 3.441 | 40 | 544 | 0.400 | 0.74 | 2.04 | 7.67 | 40 | 593 | 0.442 | 2.19 | 3.13 | -1.870 |
| 40 | 461 | 0.121 | 0.45 | 1.09 | 2.503 | 40 | 544 | 0.399 | 0.85 | 0.87 | 9.64 | 40 | 594 | 0.394 | 1.10 | 0.55 | -1.016 |
| 40 | 462 | 0.279 | 0.46 | 1.57 | 4.314 | 40 | 545 | 0.411 | 0.96 | 1.31 | 1.161 | 40 | 595 | 0.332 | 1.04 | 0.95 | -1.976 |
| 40 | 463 | 0.266 | 0.40 | 1.55 | 4.314 | 40 | 546 | 0.417 | 0.75 | 1.81 | 8.36 | 40 | 596 | 0.293 | 0.54 | 0.95 | -1.687 |
| 40 | 464 | 0.266 | 0.41 | 1.52 | 4.800 | 40 | 547 | 0.408 | 0.73 | 1.96 | 9.96 | 40 | 597 | 0.313 | 0.78 | 0.80 | -1.714 |
| 40 | 465 | 0.277 | 0.43 | 1.50 | 4.885 | 40 | 548 | 0.414 | 0.64 | 2.58 | 6.81 | 40 | 598 | 0.334 | 1.68 | 1.95 | -1.332 |
| 40 | 466 | 0.283 | 0.44 | 1.67 | 4.463 | 40 | 549 | 0.425 | 0.60 | 2.56 | 6.60 | 40 | 599 | 0.341 | 1.76 | 2.19 | -1.696 |
| 40 | 467 | 0.283 | 0.46 | 1.50 | 5.004 | 40 | 550 | 0.411 | 0.59 | 1.09 | 6.49 | 40 | 600 | 0.277 | 0.48 | 1.19 | -1.453 |
| 40 | 550 | 0.387 | 0.68 | 1.49 | 6.788 | 40 | 551 | 0.402 | 0.62 | 2.17 | 6.53 | 40 | 601 | 0.259 | 0.62 | 0.50 | -1.324 |
| 40 | 550 | 0.383 | 0.61 | 1.97 | 5.889 | 40 | 552 | 0.418 | 0.79 | 2.05 | 9.09 | 40 | 602 | 0.255 | 0.41 | 0.18 | -1.416 |
| 40 | 550 | 0.377 | 0.61 | 1.44 | 6.02 | 40 | 553 | 0.416 | 0.89 | 1.82 | 9.66 | 40 | 603 | 0.233 | 0.36 | 1.48 | -1.395 |
| 40 | 550 | 0.385 | 0.63 | 1.76 | 8.111 | 40 | 554 | 0.417 | 0.96 | 1.48 | 1.067 | 40 | 604 | 0.244 | 0.29 | 1.15 | -1.359 |
| 40 | 550 | 0.373 | 0.59 | 1.47 | 6.227 | 40 | 555 | 0.446 | 0.90 | 2.12 | 2.886 | 40 | 605 | 0.252 | 0.29 | 1.30 | -1.361 |
| 40 | 550 | 0.373 | 0.64 | 1.74 | 6.227 | 40 | 556 | 0.437 | 0.79 | 3.30 | 8.886 | 40 | 606 | 0.250 | 0.35 | 0.98 | -1.400 |
| 40 | 550 | 0.377 | 0.56 | 1.93 | 6.002 | 40 | 557 | 0.451 | 0.83 | 2.42 | 8.79 | 40 | 607 | 0.399 | 1.58 | 3.10 | -1.302 |
| 40 | 550 | 0.373 | 0.58 | 1.92 | 7.887 | 40 | 558 | 0.451 | 0.76 | 2.65 | 9.06 | 40 | 608 | 0.333 | 1.26 | 2.98 | -1.171 |
| 40 | 550 | 0.380 | 0.65 | 1.69 | 6.887 | 40 | 559 | 0.431 | 0.72 | 1.75 | 7.27 | 40 | 609 | 0.407 | 1.26 | 0.69 | -1.251 |
| 40 | 550 | 0.372 | 0.59 | 1.50 | 6.334 | 40 | 560 | 0.418 | 0.89 | 1.84 | 7.87 | 40 | 610 | 0.391 | 0.55 | 1.40 | -1.585 |
| 40 | 550 | 0.367 | 0.54 | 1.97 | 6.116 | 40 | 561 | 0.434 | 0.89 | 1.96 | 1.127 | 40 | 611 | 0.278 | 0.61 | 0.47 | -1.366 |
| 40 | 550 | 0.364 | 0.51 | 1.79 | 6.055 | 40 | 562 | 0.420 | 0.86 | 1.61 | 8.21 | 40 | 612 | 0.244 | 0.47 | 0.54 | -1.455 |
| 40 | 550 | 0.363 | 0.50 | 2.20 | 5.955 | 40 | 563 | 0.434 | 0.97 | 1.43 | -1.083 | 40 | 613 | 0.254 | 0.32 | 1.35 | -1.390 |
| 40 | 550 | 0.359 | 0.48 | 2.20 | 5.993 | 40 | 564 | 0.479 | 0.94 | 2.00 | -1.035 | 40 | 614 | 0.249 | 0.29 | 1.37 | -1.383 |
| 40 | 550 | 0.369 | 0.47 | 2.11 | 5.755 | 40 | 565 | 0.470 | 0.93 | 1.91 | 8.79 | 40 | 615 | 0.245 | 0.34 | 1.35 | -1.402 |
| 40 | 550 | 0.373 | 0.50 | 2.20 | 6.666 | 40 | 566 | 0.510 | 1.08 | 2.58 | 9.62 | 40 | 616 | 0.249 | 0.31 | 1.47 | -1.373 |
| 40 | 550 | 0.375 | 0.53 | 1.95 | 6.533 | 40 | 567 | 0.513 | 1.16 | 1.94 | -1.135 | 40 | 617 | 0.335 | 0.85 | 0.67 | -1.852 |
| 40 | 550 | 0.380 | 0.53 | 1.42 | 5.755 | 40 | 568 | 0.437 | 0.78 | 1.57 | 7.78 | 40 | 618 | 0.390 | 0.84 | 1.47 | -1.864 |
| 40 | 550 | 0.383 | 0.59 | 1.31 | 6.533 | 40 | 569 | 0.452 | 0.95 | 1.64 | 8.88 | 40 | 619 | 0.406 | 0.88 | 1.79 | -1.726 |
| 40 | 550 | 0.374 | 0.55 | 1.85 | 6.788 | 40 | 570 | 0.503 | 1.29 | 0.86 | -1.113 | 40 | 701 | 0.581 | 1.27 | 2.70 | -1.059 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 40 | 702 | .612 | .141 | .235 | -.194 | 40 | 752 | .132 | .110 | .588 | -.187 | 40 | 930 | .089 | .091 | .391 | -.240 |
| 40 | 703 | .554 | .149 | .317 | -.152 | 40 | 753 | .069 | .035 | .187 | -.389 | 40 | 931 | .039 | .093 | .474 | -.465 |
| 40 | 704 | .586 | .129 | .251 | -.056 | 40 | 754 | .028 | .032 | .200 | -.198 | 40 | 932 | .023 | .063 | .289 | -.244 |
| 40 | 705 | .599 | .144 | .086 | -.121 | 40 | 755 | .125 | .050 | .094 | -.380 | 40 | 933 | .171 | .037 | .042 | -.324 |
| 40 | 706 | .111 | .122 | .124 | -.024 | 40 | 756 | .061 | .049 | .168 | -.245 | 40 | 934 | .089 | .048 | .083 | -.283 |
| 40 | 707 | .553 | .140 | .235 | -.157 | 40 | 757 | .125 | .044 | .092 | -.275 | 40 | 935 | .041 | .051 | .221 | -.206 |
| 40 | 708 | .571 | .156 | .276 | -.142 | 40 | 758 | .046 | .078 | .236 | -.416 | 40 | 936 | .125 | .039 | .018 | -.303 |
| 40 | 709 | .534 | .114 | .026 | -.991 | 40 | 759 | .090 | .065 | .396 | .077 | 40 | 937 | .038 | .059 | .221 | -.303 |
| 40 | 710 | .623 | .144 | .294 | -.122 | 40 | 760 | .167 | .090 | .366 | -.046 | 40 | 938 | .027 | .058 | .226 | -.271 |
| 40 | 711 | .599 | .138 | .240 | -.162 | 40 | 761 | .155 | .086 | .563 | .062 | 40 | 939 | .052 | .057 | .229 | -.307 |
| 40 | 712 | .541 | .126 | .018 | -.010 | 40 | 762 | .319 | .045 | .208 | -.485 | 40 | 940 | .060 | .067 | .178 | -.363 |
| 40 | 713 | .580 | .120 | .267 | -.130 | 40 | 763 | .312 | .041 | .196 | -.465 | 40 | 941 | .096 | .045 | .156 | -.307 |
| 40 | 714 | .503 | .129 | .302 | -.175 | 40 | 764 | .337 | .051 | .198 | -.579 | 40 | 942 | .101 | .062 | .158 | -.380 |
| 40 | 715 | .588 | .131 | .121 | -.028 | 40 | 765 | .308 | .043 | .172 | -.465 | 40 | 943 | .133 | .091 | .168 | -.625 |
| 40 | 716 | .588 | .110 | .279 | -.047 | 40 | 766 | .279 | .040 | .165 | -.481 | 40 | 944 | .079 | .055 | .170 | -.283 |
| 40 | 717 | .599 | .120 | .074 | -.143 | 40 | 767 | .321 | .046 | .193 | -.502 | 40 | 945 | .181 | .030 | .067 | -.298 |
| 40 | 718 | .488 | .134 | .016 | -.911 | 40 | 801 | .270 | .045 | .096 | -.504 | 40 | 946 | .132 | .042 | .003 | -.300 |
| 40 | 719 | .599 | .107 | .282 | -.994 | 40 | 802 | .253 | .043 | .099 | -.509 | 40 | 947 | .179 | .031 | .036 | -.293 |
| 40 | 720 | .544 | .118 | .091 | -.117 | 40 | 803 | .462 | .074 | .278 | .734 | 40 | 948 | .166 | .035 | .013 | -.298 |
| 40 | 721 | .544 | .109 | .025 | -.896 | 40 | 804 | .278 | .075 | .010 | -.572 | 40 | 949 | .184 | .038 | .003 | -.303 |
| 40 | 722 | .554 | .088 | .327 | -.945 | 40 | 805 | .318 | .091 | -.075 | .708 | 40 | 950 | .188 | .034 | .055 | -.341 |
| 40 | 723 | .561 | .111 | .210 | -.105 | 40 | 901 | .418 | .121 | .153 | .784 | 40 | 951 | .166 | .039 | .032 | -.303 |
| 40 | 724 | .493 | .117 | .123 | -.782 | 40 | 902 | .341 | .136 | .121 | -.971 | 40 | 952 | .153 | .046 | .071 | -.310 |
| 40 | 725 | .493 | .115 | .254 | -.786 | 40 | 903 | .437 | .112 | .057 | -.866 | 40 | 953 | .134 | .048 | .093 | -.298 |
| 40 | 726 | .341 | .079 | .020 | -.685 | 40 | 904 | .226 | .135 | .187 | -.639 | 40 | 954 | .137 | .045 | .022 | -.286 |
| 40 | 727 | .163 | .102 | .048 | -.684 | 40 | 905 | .463 | .110 | .012 | -.827 | 50 | 101 | .315 | .043 | .186 | -.452 |
| 40 | 728 | .044 | .044 | .006 | -.388 | 40 | 906 | .392 | .097 | .225 | -.025 | 50 | 102 | .146 | .069 | .110 | -.380 |
| 40 | 729 | .151 | .043 | .014 | -.340 | 40 | 907 | .331 | .130 | .132 | -.089 | 50 | 103 | .012 | .088 | .320 | -.297 |
| 40 | 730 | .161 | .055 | .001 | -.475 | 40 | 908 | .323 | .101 | .168 | -.862 | 50 | 104 | .156 | .120 | .607 | -.346 |
| 40 | 731 | .206 | .054 | .013 | -.553 | 40 | 909 | .596 | .101 | .259 | -.955 | 50 | 105 | .228 | .134 | .602 | -.346 |
| 40 | 732 | .222 | .052 | .108 | -.533 | 40 | 910 | .639 | .116 | .241 | -.237 | 50 | 106 | .447 | .183 | .928 | -.392 |
| 40 | 733 | .246 | .042 | .106 | -.494 | 40 | 911 | .598 | .139 | .132 | -.162 | 50 | 107 | .156 | .238 | .736 | -.662 |
| 40 | 734 | .248 | .041 | .121 | -.416 | 40 | 912 | .554 | .120 | .129 | -.053 | 50 | 108 | .208 | .124 | .634 | -.267 |
| 40 | 735 | .157 | .043 | .126 | -.270 | 40 | 913 | .227 | .042 | .075 | -.371 | 50 | 109 | .031 | .118 | .560 | -.445 |
| 40 | 736 | .156 | .038 | .026 | -.277 | 40 | 914 | .219 | .042 | .007 | -.390 | 50 | 110 | .057 | .107 | .671 | -.433 |
| 40 | 737 | .140 | .032 | .011 | -.233 | 40 | 915 | .764 | .122 | .404 | -.269 | 50 | 111 | .015 | .117 | .514 | -.346 |
| 40 | 738 | .134 | .036 | .038 | -.248 | 40 | 916 | .751 | .124 | .375 | -.366 | 50 | 112 | .150 | .128 | .609 | -.343 |
| 40 | 739 | .150 | .034 | .033 | -.265 | 40 | 917 | .077 | .058 | .272 | -.254 | 50 | 113 | .472 | .189 | .097 | -.736 |
| 40 | 740 | .199 | .038 | .038 | -.333 | 40 | 918 | .174 | .045 | .002 | -.322 | 50 | 114 | .461 | .217 | .078 | -.164 |
| 40 | 741 | .233 | .040 | .064 | -.399 | 40 | 919 | .003 | .097 | .326 | -.329 | 50 | 115 | .165 | .154 | .352 | -.942 |
| 40 | 742 | .289 | .038 | .091 | -.444 | 40 | 920 | .118 | .061 | .153 | -.375 | 50 | 116 | .109 | .084 | .235 | -.500 |
| 40 | 743 | .289 | .042 | .162 | -.444 | 40 | 921 | .917 | .102 | .295 | -.767 | 50 | 117 | .152 | .069 | .110 | -.413 |
| 40 | 744 | .289 | .045 | .050 | -.444 | 40 | 922 | .882 | .102 | .423 | -.753 | 50 | 118 | .276 | .055 | .024 | -.470 |
| 40 | 745 | .171 | .053 | .038 | -.417 | 40 | 923 | .886 | .108 | .368 | -.676 | 50 | 119 | .345 | .051 | .163 | -.628 |
| 40 | 746 | .166 | .051 | .057 | -.414 | 40 | 924 | .885 | .137 | .332 | -.648 | 50 | 120 | .384 | .134 | .799 | -.110 |
| 40 | 747 | .166 | .062 | .116 | -.467 | 40 | 925 | .048 | .079 | .470 | -.164 | 50 | 121 | .371 | .152 | .849 | -.228 |
| 40 | 748 | .037 | .068 | .363 | -.440 | 40 | 926 | .152 | .140 | .280 | -.565 | 50 | 122 | .565 | .162 | .111 | -.957 |
| 40 | 749 | .022 | .085 | .248 | -.448 | 40 | 927 | .259 | .137 | .623 | -.313 | 50 | 123 | .352 | .257 | .983 | -.473 |
| 40 | 750 | .048 | .064 | .339 | -.453 | 40 | 928 | .191 | .159 | .699 | -.452 | 50 | 124 | .180 | .124 | .584 | -.281 |
| 40 | 751 | .134 | .096 | .534 | -.694 | 40 | 929 | .151 | .130 | .592 | -.514 | 50 | 125 | .148 | .117 | .517 | -.341 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 50 | 126 | .247 | .180 | 1.004 | -.346 | 50 | 176 | -.029 | .119 | .513 | -.503 | 50 | 226 | -.024 | .091 | .465 | -.310 |
| 50 | 127 | .501 | .233 | 1.027 | -1.143 | 50 | 177 | -.096 | .088 | .235 | -.389 | 50 | 227 | -.029 | .104 | .497 | -.444 |
| 50 | 128 | -.041 | .188 | .641 | -.949 | 50 | 178 | -.247 | .058 | -.044 | -.466 | 50 | 228 | .049 | .091 | .424 | -.527 |
| 50 | 129 | .096 | .146 | .512 | -.477 | 50 | 179 | -.341 | .055 | -.157 | -.694 | 50 | 229 | .100 | .090 | .588 | -.173 |
| 50 | 130 | .468 | .155 | .944 | -.047 | 50 | 180 | -.219 | .072 | .007 | -.547 | 50 | 230 | .113 | .086 | .513 | -.182 |
| 50 | 131 | .454 | .170 | .988 | -.297 | 50 | 181 | -.087 | .088 | .212 | -.399 | 50 | 231 | -.045 | .106 | .538 | -.321 |
| 50 | 132 | .504 | .188 | 1.032 | -.463 | 50 | 182 | -.088 | .125 | .474 | -.287 | 50 | 232 | -.039 | .147 | .469 | -.624 |
| 50 | 133 | .404 | .249 | .993 | -.519 | 50 | 183 | .238 | .172 | .776 | -.232 | 50 | 233 | -.103 | .140 | .446 | -.745 |
| 50 | 134 | .284 | .191 | .937 | -.339 | 50 | 184 | .302 | .203 | 1.019 | -.580 | 50 | 234 | -.286 | .179 | .423 | -1.104 |
| 50 | 135 | .207 | .153 | .824 | -.443 | 50 | 185 | .291 | .256 | .985 | -.768 | 50 | 235 | -.192 | .165 | .278 | -1.070 |
| 50 | 136 | .588 | .203 | 1.172 | -.393 | 50 | 186 | .342 | .208 | 1.015 | -.324 | 50 | 236 | -.113 | .078 | .154 | -.619 |
| 50 | 137 | .408 | .153 | .860 | -.344 | 50 | 187 | .350 | .183 | .903 | -.408 | 50 | 237 | -.166 | .055 | .085 | -.359 |
| 50 | 138 | .031 | .229 | .648 | -1.127 | 50 | 188 | .359 | .158 | .954 | -.241 | 50 | 238 | -.248 | .047 | -.095 | -.428 |
| 50 | 139 | .120 | .144 | .524 | -.521 | 50 | 189 | .374 | .156 | 1.068 | -.062 | 50 | 239 | -.306 | .050 | -.161 | -.541 |
| 50 | 140 | .337 | .067 | -.054 | -.584 | 50 | 190 | .372 | .159 | .975 | -.079 | 50 | 240 | -.311 | .065 | -.108 | -.591 |
| 50 | 141 | -.083 | .071 | .193 | -.399 | 50 | 191 | .226 | .159 | .838 | -.241 | 50 | 241 | -.290 | .062 | -.099 | -.564 |
| 50 | 142 | .199 | .102 | .549 | -.191 | 50 | 192 | .024 | .222 | .687 | -.861 | 50 | 242 | -.214 | .055 | .034 | -.481 |
| 50 | 143 | .372 | .138 | .896 | -.077 | 50 | 193 | -.185 | .243 | .675 | -.997 | 50 | 243 | -.155 | .055 | .037 | -.403 |
| 50 | 144 | .463 | .169 | .907 | -.336 | 50 | 194 | .338 | .324 | .646 | -1.768 | 50 | 244 | -.189 | .098 | .133 | -.649 |
| 50 | 145 | .486 | .181 | 1.046 | -.246 | 50 | 195 | .402 | .325 | .513 | -1.452 | 50 | 245 | -.267 | .123 | .168 | -.778 |
| 50 | 146 | .563 | .183 | 1.166 | -.209 | 50 | 196 | -.117 | .131 | .371 | -.913 | 50 | 246 | -.098 | .079 | .218 | -.428 |
| 50 | 147 | .532 | .183 | 1.087 | -.199 | 50 | 197 | .157 | .077 | .179 | -.444 | 50 | 247 | -.057 | .103 | .233 | -.789 |
| 50 | 148 | .413 | .183 | 1.010 | -.282 | 50 | 198 | -.248 | .056 | .015 | -.493 | 50 | 248 | -.042 | .101 | .607 | -.327 |
| 50 | 149 | .448 | .159 | .978 | -.334 | 50 | 199 | .314 | .051 | .115 | -.616 | 50 | 249 | .077 | .084 | .437 | -.189 |
| 50 | 150 | .440 | .165 | .927 | -.148 | 50 | 200 | -.264 | .074 | .026 | -.524 | 50 | 250 | .110 | .091 | .524 | -.170 |
| 50 | 151 | .521 | .165 | 1.019 | -.007 | 50 | 201 | .175 | .084 | .115 | -.444 | 50 | 251 | .062 | .103 | .602 | -.306 |
| 50 | 152 | .459 | .191 | .966 | -.710 | 50 | 202 | .098 | .111 | .404 | -.406 | 50 | 252 | .041 | .124 | .522 | -.463 |
| 50 | 153 | .155 | .214 | .766 | -.775 | 50 | 203 | .083 | .142 | .583 | -.316 | 50 | 253 | .008 | .110 | .402 | -.357 |
| 50 | 154 | .070 | .244 | .683 | -.960 | 50 | 204 | .099 | .161 | .727 | -.721 | 50 | 254 | -.081 | .125 | .333 | -.614 |
| 50 | 155 | .063 | .209 | .615 | -1.028 | 50 | 205 | .077 | .201 | .688 | -.712 | 50 | 255 | -.067 | .101 | .253 | -.704 |
| 50 | 156 | .084 | .100 | .476 | -.208 | 50 | 206 | .158 | .157 | .798 | -.426 | 50 | 256 | -.067 | .073 | .264 | -.417 |
| 50 | 157 | .031 | .070 | .188 | -.246 | 50 | 207 | .162 | .135 | .645 | -.280 | 50 | 257 | -.141 | .059 | .103 | -.359 |
| 50 | 158 | .193 | .053 | .035 | -.378 | 50 | 208 | .159 | .108 | .700 | -.237 | 50 | 258 | -.254 | .055 | -.042 | -.474 |
| 50 | 159 | .260 | .047 | .125 | -.587 | 50 | 209 | .210 | .119 | .718 | -.095 | 50 | 259 | -.314 | .054 | -.129 | -.557 |
| 50 | 160 | .198 | .064 | .033 | -.454 | 50 | 210 | .222 | .123 | .867 | -.083 | 50 | 260 | -.268 | .051 | -.101 | -.561 |
| 50 | 161 | .057 | .081 | .242 | -.376 | 50 | 211 | .166 | .103 | .488 | -.198 | 50 | 261 | -.261 | .048 | -.095 | -.458 |
| 50 | 162 | .163 | .112 | .513 | -.206 | 50 | 212 | -.098 | .182 | .476 | -.906 | 50 | 262 | -.201 | .036 | -.069 | -.345 |
| 50 | 163 | .345 | .146 | .901 | -.162 | 50 | 213 | .174 | .171 | .551 | -.744 | 50 | 263 | -.168 | .043 | -.018 | -.387 |
| 50 | 164 | .426 | .188 | .968 | -.373 | 50 | 214 | -.423 | .160 | .033 | -.828 | 50 | 264 | -.228 | .037 | -.076 | -.635 |
| 50 | 165 | .411 | .214 | .994 | -.877 | 50 | 215 | -.208 | .245 | .530 | -1.296 | 50 | 265 | -.303 | .116 | .055 | -.768 |
| 50 | 166 | .507 | .200 | 1.038 | -.162 | 50 | 216 | -.085 | .109 | .445 | -.515 | 50 | 266 | -.130 | .073 | .151 | -.366 |
| 50 | 167 | .516 | .202 | 1.117 | -.153 | 50 | 217 | .170 | .082 | .208 | -.445 | 50 | 267 | -.116 | .097 | .271 | -.543 |
| 50 | 168 | .540 | .179 | 1.066 | -.076 | 50 | 218 | .305 | .053 | -.092 | -.519 | 50 | 268 | -.017 | .076 | .398 | -.249 |
| 50 | 169 | .539 | .173 | 1.179 | -.009 | 50 | 219 | .396 | .062 | -.187 | -.682 | 50 | 269 | -.038 | .070 | .349 | -.207 |
| 50 | 170 | .563 | .172 | 1.131 | -.084 | 50 | 220 | .392 | .066 | .124 | -.639 | 50 | 270 | -.045 | .075 | .388 | -.203 |
| 50 | 171 | .386 | .193 | .947 | -.369 | 50 | 221 | .326 | .065 | -.049 | -.576 | 50 | 271 | -.023 | .078 | .338 | -.322 |
| 50 | 172 | .147 | .261 | .931 | -.343 | 50 | 222 | .196 | .068 | .152 | -.472 | 50 | 272 | -.020 | .095 | .377 | -.446 |
| 50 | 173 | .065 | .285 | .882 | -.974 | 50 | 223 | .116 | .077 | .315 | -.364 | 50 | 273 | -.018 | .089 | .312 | -.285 |
| 50 | 174 | .536 | .285 | .562 | -.543 | 50 | 224 | .069 | .107 | .396 | -.716 | 50 | 274 | -.071 | .096 | .262 | -.403 |
| 50 | 175 | .277 | .310 | .434 | -1.318 | 50 | 225 | .110 | .143 | .467 | -.780 | 50 | 275 | -.050 | .078 | .310 | -.373 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 50 | 276 | .062 | .066 | .218 | -.269 | 50 | 326 | -.265 | .058 | -.055 | -.464 | 50 | 423 | -.366 | .083 | -.360 | -.928 |
| 50 | 277 | -.132 | .057 | -.108 | -.311 | 50 | 327 | -.283 | .061 | -.065 | -.511 | 50 | 424 | -.558 | .081 | -.305 | -.873 |
| 50 | 278 | -.229 | .057 | -.020 | -.436 | 50 | 328 | -.214 | .038 | -.087 | -.363 | 50 | 425 | -.291 | .081 | -.007 | -.562 |
| 50 | 279 | -.406 | .054 | -.240 | -.619 | 50 | 329 | -.282 | .057 | -.149 | -.538 | 50 | 426 | -.320 | .066 | -.091 | -.557 |
| 50 | 280 | -.398 | .049 | -.228 | -.612 | 50 | 330 | -.233 | .034 | -.126 | -.393 | 50 | 427 | -.558 | .103 | -.263 | -.977 |
| 50 | 281 | -.348 | .044 | -.185 | -.508 | 50 | 331 | -.213 | .029 | -.131 | -.329 | 50 | 428 | -.297 | .035 | -.194 | -.427 |
| 50 | 282 | -.204 | .037 | -.027 | -.337 | 50 | 332 | -.209 | .031 | -.104 | -.329 | 50 | 429 | -.277 | .032 | -.165 | -.393 |
| 50 | 283 | -.074 | .061 | -.122 | -.307 | 50 | 333 | -.229 | .031 | -.131 | -.356 | 50 | 430 | -.248 | .034 | -.141 | -.422 |
| 50 | 284 | -.110 | .078 | -.214 | -.366 | 50 | 334 | -.213 | .030 | -.112 | -.338 | 50 | 431 | -.235 | .038 | -.112 | -.471 |
| 50 | 285 | -.011 | .067 | -.261 | -.247 | 50 | 335 | -.290 | .063 | -.129 | -.597 | 50 | 432 | -.226 | .042 | -.093 | -.531 |
| 50 | 286 | -.023 | .055 | -.276 | -.161 | 50 | 336 | -.255 | .054 | -.112 | -.494 | 50 | 433 | -.221 | .037 | -.102 | -.488 |
| 50 | 287 | -.021 | .057 | -.236 | -.210 | 50 | 337 | -.212 | .030 | -.084 | -.400 | 50 | 434 | -.217 | .040 | -.053 | -.439 |
| 50 | 288 | -.050 | .050 | -.283 | -.101 | 50 | 338 | -.219 | .029 | -.134 | -.433 | 50 | 435 | -.210 | .028 | -.092 | -.294 |
| 50 | 289 | -.069 | .054 | -.273 | -.074 | 50 | 339 | -.197 | .026 | -.092 | -.298 | 50 | 436 | -.351 | .058 | -.007 | -.527 |
| 50 | 290 | -.062 | .051 | -.261 | -.099 | 50 | 340 | -.072 | .054 | -.260 | -.090 | 50 | 437 | -.363 | .044 | -.198 | -.524 |
| 50 | 291 | -.036 | .053 | -.288 | -.485 | 50 | 341 | -.072 | .059 | -.374 | -.085 | 50 | 438 | -.389 | .045 | -.188 | -.532 |
| 50 | 292 | -.034 | .053 | -.241 | -.190 | 50 | 342 | -.080 | .056 | -.344 | -.066 | 50 | 439 | -.408 | .041 | -.276 | -.564 |
| 50 | 293 | -.033 | .055 | -.347 | -.143 | 50 | 343 | -.073 | .062 | -.328 | -.103 | 50 | 440 | -.407 | .040 | -.300 | -.567 |
| 50 | 294 | -.040 | .057 | -.295 | -.141 | 50 | 344 | -.124 | .078 | -.541 | -.085 | 50 | 441 | -.341 | .046 | -.194 | -.480 |
| 50 | 295 | -.026 | .083 | -.383 | -.262 | 50 | 345 | -.115 | .073 | -.488 | -.080 | 50 | 442 | -.340 | .049 | -.206 | -.551 |
| 50 | 296 | -.019 | .070 | -.283 | -.161 | 50 | 346 | -.111 | .071 | -.398 | -.134 | 50 | 443 | -.354 | .062 | -.163 | -.582 |
| 50 | 297 | -.134 | .049 | -.127 | -.297 | 50 | 347 | -.122 | .075 | -.493 | -.058 | 50 | 444 | -.296 | .047 | -.104 | -.468 |
| 50 | 298 | -.306 | .038 | -.180 | -.448 | 50 | 348 | -.096 | .065 | -.434 | -.075 | 50 | 445 | -.218 | .036 | -.053 | -.396 |
| 50 | 299 | -.415 | .058 | -.252 | -.822 | 50 | 349 | -.113 | .066 | -.386 | -.080 | 50 | 446 | -.217 | .040 | -.092 | -.381 |
| 50 | 300 | -.230 | .036 | -.096 | -.413 | 50 | 350 | -.083 | .059 | -.449 | -.078 | 50 | 447 | -.226 | .030 | -.134 | -.345 |
| 50 | 301 | -.111 | .031 | -.111 | -.401 | 50 | 351 | -.068 | .062 | -.291 | -.121 | 50 | 448 | -.057 | .073 | -.395 | -.187 |
| 50 | 302 | -.234 | .032 | -.136 | -.346 | 50 | 352 | -.074 | .058 | -.330 | -.160 | 50 | 449 | -.064 | .068 | -.340 | -.430 |
| 50 | 303 | -.169 | .049 | -.050 | -.312 | 50 | 353 | -.082 | .059 | -.335 | -.075 | 50 | 450 | -.030 | .053 | -.221 | -.277 |
| 50 | 304 | -.129 | .079 | -.127 | -.508 | 50 | 401 | -.308 | .247 | -.764 | -.918 | 50 | 451 | -.092 | .069 | -.179 | -.488 |
| 50 | 305 | -.165 | .071 | -.114 | -.426 | 50 | 402 | -.707 | .134 | -.053 | -.243 | 50 | 452 | -.098 | .057 | -.090 | -.396 |
| 50 | 306 | -.224 | .059 | -.097 | -.364 | 50 | 403 | -.730 | .141 | -.053 | -.308 | 50 | 453 | -.077 | .051 | -.107 | -.286 |
| 50 | 307 | -.227 | .039 | -.040 | -.408 | 50 | 404 | -.485 | .168 | -.215 | -.962 | 50 | 454 | -.120 | .051 | -.080 | -.349 |
| 50 | 308 | -.227 | .037 | -.010 | -.381 | 50 | 405 | -.725 | .133 | -.309 | -.125 | 50 | 455 | -.105 | .048 | -.086 | -.286 |
| 50 | 309 | -.206 | .040 | -.012 | -.379 | 50 | 406 | -.693 | .118 | -.350 | -.152 | 50 | 456 | -.170 | .046 | -.011 | -.342 |
| 50 | 310 | -.216 | .030 | -.086 | -.379 | 50 | 407 | -.615 | .168 | -.088 | -.129 | 50 | 457 | -.083 | .059 | -.397 | -.092 |
| 50 | 311 | -.217 | .029 | -.123 | -.317 | 50 | 408 | -.725 | .174 | -.280 | -.125 | 50 | 458 | -.081 | .060 | -.380 | -.075 |
| 50 | 312 | -.233 | .032 | -.123 | -.396 | 50 | 409 | -.696 | .154 | -.325 | -.120 | 50 | 459 | -.066 | .072 | -.436 | -.123 |
| 50 | 313 | -.256 | .038 | -.131 | -.436 | 50 | 410 | -.549 | .165 | -.097 | -.136 | 50 | 460 | -.035 | .072 | -.237 | -.340 |
| 50 | 314 | -.243 | .031 | -.148 | -.386 | 50 | 411 | -.710 | .183 | -.275 | -.137 | 50 | 461 | -.159 | .040 | -.002 | -.349 |
| 50 | 315 | -.211 | .074 | -.014 | -.567 | 50 | 412 | -.678 | .160 | -.221 | -.126 | 50 | 462 | -.294 | .045 | -.167 | -.510 |
| 50 | 316 | -.220 | .090 | -.075 | -.584 | 50 | 413 | -.491 | .155 | -.303 | -.124 | 50 | 463 | -.284 | .041 | -.167 | -.468 |
| 50 | 317 | -.232 | .036 | -.111 | -.399 | 50 | 414 | -.628 | .133 | -.284 | -.097 | 50 | 464 | -.279 | .036 | -.164 | -.434 |
| 50 | 318 | -.233 | .036 | -.126 | -.433 | 50 | 415 | -.637 | .143 | -.118 | -.115 | 50 | 465 | -.291 | .039 | -.184 | -.461 |
| 50 | 319 | -.202 | .029 | -.133 | -.374 | 50 | 416 | -.516 | .131 | -.026 | -.044 | 50 | 466 | -.295 | .039 | -.177 | -.456 |
| 50 | 320 | -.207 | .027 | -.071 | -.307 | 50 | 417 | -.618 | .119 | -.119 | -.099 | 50 | 467 | -.300 | .041 | -.186 | -.466 |
| 50 | 321 | -.210 | .028 | -.076 | -.312 | 50 | 418 | -.593 | .100 | -.266 | -.064 | 50 | 501 | -.389 | .062 | -.198 | -.619 |
| 50 | 322 | -.231 | .033 | -.091 | -.366 | 50 | 419 | -.480 | .101 | -.058 | -.881 | 50 | 502 | -.380 | .053 | -.202 | -.632 |
| 50 | 323 | -.264 | .039 | -.141 | -.426 | 50 | 420 | -.603 | .099 | -.241 | -.945 | 50 | 503 | -.383 | .057 | -.200 | -.684 |
| 50 | 324 | -.256 | .056 | -.161 | -.379 | 50 | 421 | -.577 | .088 | -.340 | -.908 | 50 | 504 | -.374 | .059 | -.195 | -.046 |
| 50 | 325 | -.254 | .057 | -.126 | -.383 | 50 | 422 | -.513 | .087 | -.109 | -.835 | 50 | 505 | -.393 | .058 | -.198 | -.632 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 50 | 506 | 399 | 065 | 168 | -1.169 | 50 | 556 | 406 | 063 | 197 | -777 | 50 | 606 | 301 | 038 | 163 | -432 |
| 50 | 507 | 407 | 061 | 184 | -1.653 | 50 | 557 | 423 | 052 | 281 | -706 | 50 | 607 | 466 | 081 | 255 | -1.085 |
| 50 | 508 | 407 | 062 | 186 | -1.600 | 50 | 558 | 430 | 055 | 259 | -676 | 50 | 608 | 450 | 080 | 255 | -856 |
| 50 | 509 | 414 | 063 | 182 | -1.621 | 50 | 559 | 419 | 063 | 167 | -713 | 50 | 609 | 382 | 092 | 121 | -809 |
| 50 | 510 | 392 | 058 | 214 | -1.641 | 50 | 560 | 422 | 057 | 165 | -742 | 50 | 610 | 289 | 038 | 171 | -471 |
| 50 | 511 | 379 | 050 | 184 | -1.593 | 50 | 561 | 432 | 068 | 236 | -802 | 50 | 611 | 291 | 038 | 144 | -427 |
| 50 | 512 | 373 | 045 | 225 | -1.555 | 50 | 562 | 429 | 079 | 186 | -1.178 | 50 | 612 | 281 | 031 | 134 | -393 |
| 50 | 513 | 373 | 044 | 239 | -1.541 | 50 | 563 | 441 | 081 | 197 | -1.146 | 50 | 613 | 292 | 030 | 190 | -405 |
| 50 | 514 | 372 | 043 | 239 | -1.580 | 50 | 564 | 438 | 080 | 197 | -1.037 | 50 | 614 | 302 | 031 | 213 | -444 |
| 50 | 515 | 384 | 044 | 248 | -1.575 | 50 | 565 | 437 | 076 | 224 | -786 | 50 | 615 | 315 | 040 | 193 | -518 |
| 50 | 516 | 389 | 044 | 243 | -1.604 | 50 | 566 | 453 | 083 | 249 | -854 | 50 | 616 | 309 | 037 | 195 | -462 |
| 50 | 517 | 387 | 043 | 214 | -1.605 | 50 | 567 | 446 | 081 | 218 | -852 | 50 | 617 | 420 | 096 | 158 | -883 |
| 50 | 518 | 398 | 045 | 198 | -1.564 | 50 | 568 | 423 | 082 | 167 | -685 | 50 | 618 | 493 | 080 | 294 | -979 |
| 50 | 519 | 393 | 046 | 207 | -1.648 | 50 | 569 | 456 | 082 | 165 | -799 | 50 | 619 | 532 | 053 | 314 | -1.080 |
| 50 | 520 | 385 | 044 | 220 | -1.641 | 50 | 570 | 509 | 099 | 233 | -1.087 | 50 | 701 | 466 | 086 | 240 | -1.042 |
| 50 | 521 | 393 | 045 | 261 | -1.669 | 50 | 571 | 481 | 108 | 206 | -1.612 | 50 | 702 | 484 | 096 | 215 | -1.183 |
| 50 | 522 | 380 | 039 | 261 | -1.530 | 50 | 572 | 481 | 109 | 206 | -991 | 50 | 703 | 487 | 103 | 001 | -1.112 |
| 50 | 523 | 381 | 038 | 252 | -1.530 | 50 | 573 | 367 | 042 | 228 | -572 | 50 | 704 | 471 | 097 | 261 | -1.187 |
| 50 | 524 | 391 | 041 | 266 | -1.537 | 50 | 574 | 480 | 084 | 196 | -858 | 50 | 705 | 477 | 105 | 233 | -1.096 |
| 50 | 525 | 387 | 043 | 241 | -1.582 | 50 | 575 | 451 | 083 | 208 | -686 | 50 | 706 | 492 | 097 | 167 | -1.028 |
| 50 | 526 | 390 | 045 | 207 | -1.578 | 50 | 576 | 456 | 104 | 251 | -1.572 | 50 | 707 | 462 | 096 | 243 | -1.096 |
| 50 | 527 | 401 | 065 | 198 | -1.725 | 50 | 577 | 490 | 123 | 243 | -1.114 | 50 | 708 | 475 | 099 | 263 | -1.050 |
| 50 | 528 | 415 | 070 | 173 | -1.873 | 50 | 578 | 414 | 068 | 203 | -825 | 50 | 709 | 488 | 100 | 113 | -945 |
| 50 | 529 | 397 | 061 | 143 | -1.732 | 50 | 579 | 356 | 051 | 151 | -631 | 50 | 710 | 486 | 096 | 279 | -938 |
| 50 | 530 | 402 | 053 | 245 | -1.864 | 50 | 580 | 305 | 039 | 183 | -462 | 50 | 711 | 484 | 098 | 265 | -968 |
| 50 | 531 | 393 | 044 | 259 | -1.550 | 50 | 581 | 325 | 045 | 149 | -509 | 50 | 712 | 492 | 101 | 126 | -1.075 |
| 50 | 532 | 398 | 043 | 259 | -1.541 | 50 | 582 | 360 | 052 | 203 | -584 | 50 | 713 | 526 | 100 | 293 | -955 |
| 50 | 533 | 406 | 045 | 261 | -1.632 | 50 | 583 | 424 | 081 | 193 | -746 | 50 | 714 | 531 | 102 | 265 | -1.085 |
| 50 | 534 | 402 | 063 | 227 | -1.828 | 50 | 584 | 446 | 073 | 193 | -918 | 50 | 715 | 503 | 100 | 100 | -936 |
| 50 | 535 | 396 | 069 | 177 | -1.760 | 50 | 585 | 677 | 157 | 288 | -1.542 | 50 | 716 | 540 | 084 | 316 | -925 |
| 50 | 536 | 406 | 072 | 141 | -1.935 | 50 | 586 | 652 | 141 | 333 | -1.458 | 50 | 717 | 536 | 090 | 218 | -957 |
| 50 | 537 | 413 | 075 | 186 | -1.948 | 50 | 587 | 272 | 032 | 159 | -385 | 50 | 718 | 445 | 101 | 003 | -870 |
| 50 | 538 | 405 | 066 | 201 | -1.758 | 50 | 588 | 276 | 034 | 146 | -410 | 50 | 719 | 573 | 079 | 312 | -897 |
| 50 | 539 | 408 | 055 | 284 | -1.666 | 50 | 589 | 285 | 021 | 169 | -437 | 50 | 720 | 574 | 086 | 250 | -952 |
| 50 | 540 | 403 | 043 | 286 | -1.566 | 50 | 590 | 299 | 036 | 181 | -442 | 50 | 721 | 488 | 084 | 158 | -824 |
| 50 | 541 | 402 | 043 | 223 | -1.575 | 50 | 591 | 305 | 036 | 181 | -462 | 50 | 722 | 530 | 089 | 333 | -792 |
| 50 | 542 | 405 | 052 | 232 | -1.707 | 50 | 592 | 508 | 125 | 278 | -1.403 | 50 | 723 | 531 | 082 | 104 | -878 |
| 50 | 543 | 406 | 063 | 223 | -1.787 | 50 | 593 | 504 | 111 | 298 | -1.164 | 50 | 724 | 451 | 092 | 062 | -765 |
| 50 | 544 | 404 | 077 | 132 | -1.873 | 50 | 594 | 382 | 075 | 119 | -738 | 50 | 725 | 537 | 098 | 274 | -1.019 |
| 50 | 545 | 405 | 084 | 134 | -1.046 | 50 | 595 | 304 | 063 | 114 | -644 | 50 | 726 | 369 | 071 | 109 | -622 |
| 50 | 546 | 415 | 075 | 139 | -1.917 | 50 | 596 | 318 | 062 | 144 | -659 | 50 | 727 | 294 | 079 | 030 | -649 |
| 50 | 547 | 410 | 074 | 190 | -1.913 | 50 | 597 | 388 | 089 | 104 | -860 | 50 | 728 | 204 | 042 | 060 | -463 |
| 50 | 548 | 421 | 055 | 268 | -1.688 | 50 | 598 | 662 | 131 | 293 | -1.440 | 50 | 729 | 205 | 042 | 074 | -500 |
| 50 | 549 | 421 | 050 | 259 | -1.646 | 50 | 599 | 607 | 136 | 332 | -1.703 | 50 | 730 | 216 | 046 | 053 | -471 |
| 50 | 550 | 406 | 053 | 240 | -1.651 | 50 | 600 | 275 | 038 | 159 | -427 | 50 | 731 | 237 | 045 | 092 | -704 |
| 50 | 551 | 419 | 056 | 238 | -1.653 | 50 | 601 | 270 | 040 | 106 | -427 | 50 | 732 | 256 | 037 | 111 | -507 |
| 50 | 552 | 419 | 070 | 213 | -1.352 | 50 | 602 | 272 | 034 | 158 | -400 | 50 | 733 | 261 | 035 | 162 | -400 |
| 50 | 553 | 409 | 077 | 195 | -1.859 | 50 | 603 | 267 | 032 | 143 | -395 | 50 | 734 | 262 | 036 | 157 | -425 |
| 50 | 554 | 418 | 088 | 154 | -1.397 | 50 | 604 | 290 | 033 | 134 | -410 | 50 | 735 | 193 | 025 | 079 | -281 |
| 50 | 555 | 417 | 081 | 170 | -1.206 | 50 | 605 | 302 | 039 | 156 | -452 | 50 | 736 | 189 | 029 | 036 | -281 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 50 | 737 | -.179 | .027 | -.052 | -.276 | 50 | 915 | -.787 | .162 | -.332 | -1.441 | 60 | 111 | .052 | .143 | .670 | -.400 |
| 50 | 738 | -.176 | .028 | -.053 | -.281 | 50 | 916 | -.796 | .130 | -.431 | -1.330 | 60 | 112 | .165 | .170 | .743 | -.283 |
| 50 | 739 | -.189 | .032 | -.070 | -.322 | 50 | 917 | -.116 | .054 | -.205 | -.291 | 60 | 113 | .378 | .195 | .925 | -.294 |
| 50 | 740 | -.230 | .039 | -.055 | -.376 | 50 | 918 | -.195 | .044 | -.036 | -.400 | 60 | 114 | .682 | .347 | .831 | -1.236 |
| 50 | 741 | -.251 | .039 | -.067 | -.393 | 50 | 919 | -.016 | .108 | -.298 | -.418 | 60 | 115 | .328 | .218 | .069 | -1.284 |
| 50 | 742 | -.261 | .038 | -.126 | -.395 | 50 | 920 | -.111 | .049 | -.188 | -.303 | 60 | 116 | .288 | .088 | -.030 | -.697 |
| 50 | 743 | -.314 | .037 | -.203 | -.467 | 50 | 921 | -.922 | .243 | -.235 | -1.931 | 60 | 117 | .273 | .065 | -.005 | -.596 |
| 50 | 744 | -.317 | .039 | -.149 | -.421 | 50 | 922 | -.940 | .237 | -.343 | -2.123 | 60 | 118 | .321 | .055 | -.133 | -.552 |
| 50 | 745 | -.251 | .053 | -.096 | -.420 | 50 | 923 | -.833 | .162 | -.282 | -1.628 | 60 | 119 | .375 | .050 | -.209 | -.630 |
| 50 | 746 | -.231 | .054 | -.013 | -.398 | 50 | 924 | -.898 | .186 | -.341 | -1.865 | 60 | 120 | .418 | .153 | .856 | -.096 |
| 50 | 747 | -.198 | .060 | -.028 | -.400 | 50 | 925 | -.004 | .072 | -.323 | -1.199 | 60 | 121 | .382 | .147 | .852 | -.244 |
| 50 | 748 | -.076 | .062 | -.169 | -.354 | 50 | 926 | -.132 | .128 | -.229 | -.523 | 60 | 122 | .339 | .176 | .937 | -.195 |
| 50 | 749 | -.064 | .079 | .237 | -.444 | 50 | 927 | -.220 | .166 | -.716 | -.481 | 60 | 123 | .015 | .203 | .755 | -.557 |
| 50 | 750 | -.022 | .058 | .286 | -.242 | 50 | 928 | -.221 | .168 | -.843 | -.433 | 60 | 124 | .097 | .149 | .668 | -.393 |
| 50 | 751 | -.116 | .084 | .438 | -.104 | 50 | 929 | -.117 | .129 | -.567 | -.339 | 60 | 125 | .099 | .124 | .571 | -.329 |
| 50 | 752 | -.098 | .083 | .421 | -.135 | 50 | 930 | -.047 | .092 | -.444 | -.320 | 60 | 126 | .081 | .173 | .755 | -.400 |
| 50 | 753 | -.102 | .045 | .037 | -.327 | 50 | 931 | -.022 | .071 | -.328 | -.351 | 60 | 127 | .061 | .306 | .868 | -.932 |
| 50 | 754 | -.058 | .052 | .146 | -.322 | 50 | 932 | -.011 | .061 | -.343 | -.267 | 60 | 128 | .509 | .236 | .279 | -1.461 |
| 50 | 755 | -.152 | .045 | .020 | -.349 | 50 | 933 | -.172 | .037 | -.637 | -.317 | 60 | 129 | .223 | .145 | .104 | -.702 |
| 50 | 756 | -.083 | .044 | .079 | -.220 | 50 | 934 | -.095 | .048 | -.128 | -.291 | 60 | 130 | .488 | .169 | .043 | -.048 |
| 50 | 757 | -.150 | .041 | .003 | -.322 | 50 | 935 | -.075 | .051 | -.115 | -.233 | 60 | 131 | .496 | .169 | .036 | -.133 |
| 50 | 758 | -.057 | .074 | .198 | -.400 | 50 | 936 | -.158 | .040 | -.003 | -.361 | 60 | 132 | .404 | .181 | .962 | -.311 |
| 50 | 759 | -.087 | .060 | .394 | -.076 | 50 | 937 | -.060 | .057 | -.222 | -.298 | 60 | 133 | .018 | .192 | .808 | -.552 |
| 50 | 760 | -.125 | .070 | .401 | -.076 | 50 | 938 | -.063 | .055 | -.178 | -.242 | 60 | 134 | .130 | .209 | .962 | -.598 |
| 50 | 761 | -.125 | .070 | .406 | -.061 | 50 | 939 | -.082 | .057 | -.171 | -.390 | 60 | 135 | .074 | .162 | .654 | -.485 |
| 50 | 762 | -.331 | .040 | -.204 | -.455 | 50 | 940 | -.160 | .067 | -.157 | -.421 | 60 | 136 | .498 | .208 | .121 | -.494 |
| 50 | 763 | -.333 | .038 | -.199 | -.477 | 50 | 941 | -.114 | .048 | -.099 | -.333 | 60 | 137 | .023 | .140 | .468 | -.664 |
| 50 | 764 | -.350 | .043 | -.225 | -.499 | 50 | 942 | -.130 | .061 | -.091 | -.339 | 60 | 138 | .582 | .264 | .221 | -1.659 |
| 50 | 765 | -.330 | .039 | -.180 | -.489 | 50 | 943 | -.176 | .090 | -.120 | -.562 | 60 | 139 | .209 | .151 | .260 | -.764 |
| 50 | 766 | -.298 | .037 | -.175 | -.465 | 50 | 944 | -.121 | .050 | -.120 | -.286 | 60 | 140 | .239 | .094 | .216 | -.536 |
| 50 | 767 | -.340 | .039 | -.218 | -.484 | 50 | 945 | -.192 | .032 | -.066 | -.363 | 60 | 141 | .005 | .093 | .345 | -.301 |
| 50 | 801 | -.301 | .055 | -.126 | -.552 | 50 | 946 | -.179 | .038 | -.030 | -.322 | 60 | 142 | .281 | .124 | .681 | -.073 |
| 50 | 802 | -.269 | .046 | -.124 | -.453 | 50 | 947 | -.196 | .030 | -.068 | -.310 | 60 | 143 | .471 | .154 | .900 | -.071 |
| 50 | 803 | -.455 | .061 | -.288 | -.685 | 50 | 948 | -.183 | .034 | -.027 | -.337 | 60 | 144 | .526 | .160 | .036 | -.037 |
| 50 | 804 | -.266 | .051 | -.044 | -.506 | 50 | 949 | -.204 | .037 | -.049 | -.342 | 60 | 145 | .544 | .166 | .050 | -.023 |
| 50 | 805 | -.278 | .066 | -.051 | -.562 | 50 | 950 | -.202 | .031 | -.056 | -.354 | 60 | 146 | .516 | .176 | .102 | -.274 |
| 50 | 901 | -.524 | .110 | -.180 | -.942 | 50 | 951 | -.199 | .036 | -.027 | -.371 | 60 | 147 | .373 | .169 | .854 | -.219 |
| 50 | 902 | -.299 | .134 | -.172 | -.756 | 50 | 952 | -.188 | .040 | -.065 | -.337 | 60 | 148 | .223 | .159 | .738 | -.465 |
| 50 | 903 | -.462 | .105 | -.036 | -.921 | 50 | 953 | -.177 | .042 | -.031 | -.329 | 60 | 149 | .320 | .174 | .849 | -.430 |
| 50 | 904 | -.400 | .114 | -.084 | -.783 | 50 | 954 | -.177 | .039 | -.013 | -.310 | 60 | 150 | .369 | .168 | .891 | -.310 |
| 50 | 905 | -.338 | .155 | -.404 | -.792 | 60 | 101 | -.240 | .054 | -.057 | -.435 | 60 | 151 | .421 | .158 | .947 | -.204 |
| 50 | 906 | -.625 | .109 | -.255 | -.012 | 60 | 102 | -.078 | .092 | -.233 | -.377 | 60 | 152 | .145 | .185 | .793 | -.534 |
| 50 | 907 | -.449 | .097 | -.117 | -.926 | 60 | 103 | -.080 | .103 | -.398 | -.237 | 60 | 153 | .342 | .221 | .315 | -1.198 |
| 50 | 908 | -.609 | .120 | -.115 | -.073 | 60 | 104 | -.248 | .131 | -.631 | -.159 | 60 | 154 | .624 | .254 | .289 | -1.616 |
| 50 | 909 | -.534 | .088 | -.180 | -.923 | 60 | 105 | -.286 | .138 | -.686 | -.230 | 60 | 155 | .470 | .264 | .222 | -1.429 |
| 50 | 910 | -.636 | .117 | -.212 | -.276 | 60 | 106 | -.210 | .183 | -.720 | -.506 | 60 | 156 | .149 | .086 | .130 | -.393 |
| 50 | 911 | -.518 | .121 | -.167 | -.170 | 60 | 107 | -.171 | .146 | -.490 | -.725 | 60 | 157 | .199 | .058 | .035 | -.367 |
| 50 | 912 | -.665 | .122 | -.230 | -.260 | 60 | 108 | -.028 | .161 | -.506 | -.614 | 60 | 158 | .283 | .048 | .125 | -.492 |
| 50 | 913 | -.240 | .035 | -.078 | -.363 | 60 | 109 | -.052 | .146 | -.748 | -.485 | 60 | 159 | .305 | .043 | .148 | -.573 |
| 50 | 914 | -.228 | .037 | -.022 | -.339 | 60 | 110 | -.010 | .137 | -.863 | -.485 | 60 | 160 | .160 | .071 | .183 | -.421 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 60 | 161 | .001 | .088 | .391 | -.266 | 60 | 211 | .069 | .111 | .559 | -.230 | 60 | 261 | -.279 | .041 | -.124 | -.434 |
| 60 | 162 | .265 | .115 | .625 | -.125 | 60 | 212 | -.291 | .166 | .197 | -.947 | 60 | 262 | -.202 | .037 | -.042 | -.399 |
| 60 | 163 | .459 | .149 | .900 | -.157 | 60 | 213 | -.394 | .124 | -.036 | -.840 | 60 | 263 | -.156 | .045 | -.018 | -.319 |
| 60 | 164 | .566 | .169 | 1.087 | -.056 | 60 | 214 | -.769 | .142 | -.342 | -1.192 | 60 | 264 | -.192 | .092 | -.061 | -.628 |
| 60 | 165 | .572 | .169 | 1.101 | -.071 | 60 | 215 | -.704 | .270 | -.000 | -1.671 | 60 | 265 | -.261 | .113 | -.173 | -.745 |
| 60 | 166 | .547 | .176 | 1.145 | -.076 | 60 | 216 | -.361 | .191 | -.013 | -1.423 | 60 | 266 | -.116 | .077 | -.178 | -.463 |
| 60 | 167 | .512 | .162 | 1.043 | -.092 | 60 | 217 | -.282 | .063 | -.099 | -.889 | 60 | 267 | -.096 | .091 | -.348 | -.511 |
| 60 | 168 | .471 | .165 | 1.039 | -.129 | 60 | 218 | -.363 | .042 | -.225 | -.556 | 60 | 268 | -.025 | .075 | -.297 | -.392 |
| 60 | 169 | .527 | .162 | 1.022 | -.053 | 60 | 219 | -.412 | .046 | -.300 | -.642 | 60 | 269 | -.026 | .073 | -.405 | -.211 |
| 60 | 170 | .526 | .163 | 1.154 | -.064 | 60 | 220 | -.375 | .071 | -.027 | -.631 | 60 | 270 | .032 | .077 | -.373 | -.179 |
| 60 | 171 | .133 | .157 | 1.717 | -.421 | 60 | 221 | -.271 | .076 | -.065 | -.520 | 60 | 271 | -.005 | .086 | -.331 | -.276 |
| 60 | 172 | -.295 | .221 | .534 | -1.237 | 60 | 222 | -.092 | .104 | -.407 | -.358 | 60 | 272 | -.012 | .101 | -.361 | -.672 |
| 60 | 173 | -.556 | .210 | .243 | -1.200 | 60 | 223 | -.029 | .130 | -.641 | -.325 | 60 | 273 | -.048 | .104 | -.309 | -.472 |
| 60 | 174 | -.911 | .259 | .072 | -1.785 | 60 | 224 | .058 | .130 | -.618 | -.394 | 60 | 274 | -.160 | .118 | -.210 | -.761 |
| 60 | 175 | -.845 | .301 | .197 | -1.868 | 60 | 225 | .069 | .165 | -.759 | -.667 | 60 | 275 | -.109 | .087 | -.208 | -.576 |
| 60 | 176 | -.274 | .134 | .185 | -1.244 | 60 | 226 | .092 | .133 | -.722 | -.233 | 60 | 276 | -.110 | .063 | -.155 | -.360 |
| 60 | 177 | -.257 | .061 | .042 | -.592 | 60 | 227 | .137 | .122 | -.736 | -.214 | 60 | 277 | -.177 | .050 | -.045 | -.374 |
| 60 | 178 | -.329 | .045 | -.125 | -.626 | 60 | 228 | .131 | .113 | -.656 | -.262 | 60 | 278 | -.249 | .053 | -.046 | -.458 |
| 60 | 179 | -.373 | .043 | -.201 | -.536 | 60 | 229 | .160 | .106 | -.697 | -.192 | 60 | 279 | -.405 | .061 | -.224 | -.701 |
| 60 | 180 | -.183 | .074 | .190 | -.425 | 60 | 230 | .192 | .108 | -.711 | -.085 | 60 | 280 | -.361 | .044 | -.214 | -.539 |
| 60 | 181 | -.023 | .087 | .354 | -.344 | 60 | 231 | .036 | .118 | -.463 | -.389 | 60 | 281 | -.315 | .039 | -.185 | -.477 |
| 60 | 182 | .211 | .123 | .775 | -.208 | 60 | 232 | -.184 | .209 | -.400 | -1.150 | 60 | 282 | -.174 | .040 | -.066 | -.279 |
| 60 | 183 | .404 | .163 | .939 | -.145 | 60 | 233 | -.266 | .171 | -.244 | -1.002 | 60 | 283 | -.056 | .054 | -.193 | -.325 |
| 60 | 184 | .460 | .172 | .999 | -.025 | 60 | 234 | -.531 | .241 | -.109 | -1.538 | 60 | 284 | -.061 | .066 | -.160 | -.313 |
| 60 | 185 | .455 | .174 | .976 | -.169 | 60 | 235 | -.447 | .269 | -.151 | -1.528 | 60 | 285 | -.002 | .056 | -.249 | -.221 |
| 60 | 186 | .473 | .190 | 1.066 | -.150 | 60 | 236 | -.208 | .106 | -.070 | -1.187 | 60 | 286 | .015 | .050 | -.254 | -.151 |
| 60 | 187 | .389 | .166 | .930 | -.138 | 60 | 237 | -.222 | .049 | -.049 | -.527 | 60 | 287 | .006 | .048 | -.220 | -.171 |
| 60 | 188 | .380 | .148 | .819 | -.240 | 60 | 238 | -.281 | .042 | -.140 | -.438 | 60 | 288 | .027 | .046 | -.198 | -.139 |
| 60 | 189 | .418 | .164 | 1.013 | -.058 | 60 | 239 | -.313 | .044 | -.200 | -.516 | 60 | 289 | .036 | .051 | -.254 | -.091 |
| 60 | 190 | .417 | .156 | .988 | -.053 | 60 | 240 | -.344 | .057 | -.143 | -.571 | 60 | 290 | .034 | .050 | -.249 | -.137 |
| 60 | 191 | .121 | .141 | .673 | -.400 | 60 | 241 | -.315 | .054 | -.122 | -.617 | 60 | 291 | .019 | .049 | -.225 | -.163 |
| 60 | 192 | -.385 | .178 | .414 | -.096 | 60 | 242 | -.199 | .059 | -.089 | -.427 | 60 | 292 | .007 | .050 | -.176 | -.175 |
| 60 | 193 | -.576 | .177 | .259 | -1.208 | 60 | 243 | -.127 | .063 | -.155 | -.360 | 60 | 293 | .008 | .051 | -.239 | -.163 |
| 60 | 194 | -.924 | .257 | .011 | -2.022 | 60 | 244 | -.128 | .093 | -.359 | -.537 | 60 | 294 | .006 | .056 | -.283 | -.183 |
| 60 | 195 | -.846 | .265 | .061 | -1.695 | 60 | 245 | -.192 | .142 | -.382 | -.816 | 60 | 295 | .035 | .082 | -.275 | -.315 |
| 60 | 196 | -.419 | .232 | .163 | -1.558 | 60 | 246 | -.040 | .090 | -.471 | -.358 | 60 | 296 | .034 | .061 | -.254 | -.226 |
| 60 | 197 | -.276 | .076 | .032 | -.812 | 60 | 247 | -.091 | .106 | -.396 | -.466 | 60 | 297 | -.163 | .045 | -.063 | -.294 |
| 60 | 198 | -.311 | .045 | .183 | -.699 | 60 | 248 | -.072 | .097 | -.519 | -.262 | 60 | 298 | -.296 | .033 | -.108 | -.438 |
| 60 | 199 | -.343 | .042 | -.214 | -.731 | 60 | 249 | -.103 | .090 | -.492 | -.234 | 60 | 299 | -.394 | .055 | -.243 | -.607 |
| 60 | 200 | -.224 | .080 | .111 | -.328 | 60 | 250 | -.119 | .085 | -.508 | -.147 | 60 | 300 | -.226 | .036 | -.093 | -.431 |
| 60 | 201 | -.110 | .090 | .234 | -.349 | 60 | 251 | -.085 | .104 | -.487 | -.401 | 60 | 301 | -.222 | .025 | -.134 | -.320 |
| 60 | 202 | -.065 | .129 | .540 | -.354 | 60 | 252 | -.008 | .145 | -.444 | -.777 | 60 | 302 | -.229 | .028 | -.106 | -.366 |
| 60 | 203 | -.263 | .167 | .929 | -.173 | 60 | 253 | -.044 | .139 | -.409 | -.676 | 60 | 303 | -.205 | .047 | -.003 | -.356 |
| 60 | 204 | -.317 | .180 | .945 | -.126 | 60 | 254 | -.248 | .182 | -.235 | -.997 | 60 | 304 | -.161 | .076 | -.119 | -.515 |
| 60 | 205 | -.296 | .182 | .929 | -.242 | 60 | 255 | -.128 | .136 | -.247 | -1.306 | 60 | 305 | -.141 | .068 | -.070 | -.402 |
| 60 | 206 | -.312 | .179 | .957 | -.169 | 60 | 256 | -.120 | .074 | -.162 | -.727 | 60 | 306 | -.188 | .055 | -.080 | -.431 |
| 60 | 207 | -.282 | .153 | .973 | -.098 | 60 | 257 | -.176 | .053 | -.066 | -.360 | 60 | 307 | -.254 | .040 | -.096 | -.477 |
| 60 | 208 | -.240 | .139 | .754 | -.144 | 60 | 258 | -.271 | .050 | -.081 | -.505 | 60 | 308 | -.271 | .041 | -.089 | -.486 |
| 60 | 209 | -.291 | .145 | .882 | -.151 | 60 | 259 | -.315 | .053 | -.129 | -.537 | 60 | 309 | -.255 | .035 | -.104 | -.451 |
| 60 | 210 | -.330 | .151 | .984 | -.053 | 60 | 260 | -.294 | .043 | -.143 | -.479 | 60 | 310 | -.213 | .030 | -.048 | -.378 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 60 | 311 | .210 | .025 | .130 | .320 | 60 | 408 | .766 | .146 | .288 | -1.238 | 60 | 458 | .068 | .066 | .434 | -1.08 |
| 60 | 312 | .232 | .028 | .137 | .359 | 60 | 409 | .739 | .133 | .313 | -1.187 | 60 | 459 | .044 | .066 | .382 | -1.39 |
| 60 | 313 | .231 | .026 | .144 | .318 | 60 | 410 | .529 | .191 | .209 | -1.144 | 60 | 460 | .069 | .075 | .194 | -1.35 |
| 60 | 314 | .236 | .029 | .132 | .375 | 60 | 411 | .807 | .161 | .192 | -1.301 | 60 | 461 | .201 | .043 | .027 | -1.33 |
| 60 | 315 | .230 | .071 | .642 | .513 | 60 | 412 | .772 | .143 | .347 | -1.277 | 60 | 462 | .302 | .037 | .168 | -1.47 |
| 60 | 316 | .247 | .083 | .016 | .614 | 60 | 413 | .477 | .192 | .319 | -1.097 | 60 | 463 | .300 | .034 | .192 | -1.43 |
| 60 | 317 | .277 | .042 | .151 | .563 | 60 | 414 | .700 | .140 | .162 | -1.178 | 60 | 464 | .298 | .036 | .206 | -1.47 |
| 60 | 318 | .296 | .051 | .161 | .522 | 60 | 415 | .731 | .158 | .113 | -1.355 | 60 | 465 | .307 | .032 | .187 | -1.44 |
| 60 | 319 | .262 | .032 | .171 | .383 | 60 | 416 | .479 | .157 | .167 | -1.070 | 60 | 466 | .309 | .034 | .199 | -1.45 |
| 60 | 320 | .245 | .027 | .139 | .385 | 60 | 417 | .644 | .139 | .053 | -1.169 | 60 | 467 | .308 | .034 | .213 | -1.46 |
| 60 | 321 | .245 | .027 | .137 | .359 | 60 | 418 | .615 | .117 | .285 | -1.130 | 60 | 301 | .388 | .054 | .199 | -1.58 |
| 60 | 322 | .213 | .026 | .120 | .334 | 60 | 419 | .480 | .122 | .040 | -1.113 | 60 | 302 | .380 | .046 | .197 | -1.58 |
| 60 | 323 | .241 | .029 | .134 | .359 | 60 | 420 | .613 | .114 | .208 | -1.050 | 60 | 303 | .380 | .060 | .193 | -1.53 |
| 60 | 324 | .276 | .043 | .159 | .465 | 60 | 421 | .607 | .092 | .324 | -1.038 | 60 | 304 | .392 | .054 | .215 | -1.56 |
| 60 | 325 | .234 | .031 | .122 | .388 | 60 | 422 | .465 | .089 | .043 | -1.791 | 60 | 305 | .396 | .061 | .201 | -1.66 |
| 60 | 326 | .283 | .050 | .098 | .438 | 60 | 423 | .533 | .083 | .174 | -1.903 | 60 | 306 | .409 | .062 | .204 | -1.71 |
| 60 | 327 | .314 | .058 | .667 | .558 | 60 | 424 | .548 | .077 | .334 | -1.910 | 60 | 307 | .426 | .064 | .190 | -1.74 |
| 60 | 328 | .245 | .038 | .132 | .446 | 60 | 425 | .258 | .076 | .051 | -1.547 | 60 | 308 | .415 | .059 | .206 | -1.63 |
| 60 | 329 | .288 | .061 | .170 | .664 | 60 | 426 | .292 | .061 | .104 | -1.501 | 60 | 309 | .415 | .056 | .238 | -1.59 |
| 60 | 330 | .281 | .041 | .163 | .501 | 60 | 427 | .506 | .095 | .213 | -1.983 | 60 | 310 | .411 | .049 | .245 | -1.44 |
| 60 | 331 | .262 | .034 | .158 | .386 | 60 | 428 | .288 | .032 | .166 | -1.463 | 60 | 311 | .383 | .046 | .229 | -1.57 |
| 60 | 332 | .214 | .029 | .093 | .340 | 60 | 429 | .271 | .032 | .145 | -1.415 | 60 | 312 | .379 | .046 | .195 | -1.44 |
| 60 | 333 | .210 | .024 | .113 | .314 | 60 | 430 | .247 | .036 | .128 | -1.551 | 60 | 313 | .380 | .046 | .211 | -1.12 |
| 60 | 334 | .215 | .026 | .134 | .333 | 60 | 431 | .222 | .034 | .138 | -1.444 | 60 | 314 | .387 | .044 | .195 | -1.44 |
| 60 | 335 | .265 | .049 | .134 | .494 | 60 | 432 | .200 | .037 | .062 | -1.437 | 60 | 315 | .402 | .045 | .226 | -1.57 |
| 60 | 336 | .298 | .061 | .122 | .637 | 60 | 433 | .228 | .037 | .114 | -1.634 | 60 | 316 | .399 | .046 | .242 | -1.38 |
| 60 | 337 | .246 | .034 | .141 | .393 | 60 | 434 | .229 | .036 | .036 | -1.430 | 60 | 317 | .399 | .046 | .247 | -1.38 |
| 60 | 338 | .263 | .035 | .146 | .407 | 60 | 435 | .215 | .024 | .135 | -1.318 | 60 | 318 | .399 | .046 | .249 | -1.36 |
| 60 | 339 | .245 | .031 | .088 | .363 | 60 | 436 | .315 | .054 | .029 | -1.469 | 60 | 319 | .399 | .041 | .249 | -1.36 |
| 60 | 340 | .049 | .054 | .264 | .123 | 60 | 437 | .325 | .044 | .077 | -1.462 | 60 | 320 | .391 | .041 | .245 | -1.66 |
| 60 | 341 | .041 | .056 | .261 | .119 | 60 | 438 | .351 | .042 | .184 | -1.494 | 60 | 321 | .390 | .037 | .217 | -1.80 |
| 60 | 342 | .057 | .056 | .247 | .102 | 60 | 439 | .363 | .041 | .222 | -1.506 | 60 | 322 | .394 | .037 | .242 | -1.48 |
| 60 | 343 | .059 | .058 | .327 | .097 | 60 | 440 | .359 | .039 | .227 | -1.527 | 60 | 323 | .399 | .037 | .235 | -1.10 |
| 60 | 344 | .081 | .065 | .385 | .104 | 60 | 441 | .320 | .042 | .145 | -1.506 | 60 | 324 | .406 | .039 | .258 | -1.48 |
| 60 | 345 | .071 | .064 | .336 | .116 | 60 | 442 | .315 | .046 | .150 | -1.510 | 60 | 325 | .399 | .040 | .249 | -1.37 |
| 60 | 346 | .061 | .065 | .363 | .142 | 60 | 443 | .313 | .060 | .145 | -1.529 | 60 | 326 | .399 | .042 | .208 | -1.44 |
| 60 | 347 | .076 | .066 | .373 | .114 | 60 | 444 | .276 | .053 | .104 | -1.444 | 60 | 327 | .403 | .046 | .242 | -1.32 |
| 60 | 348 | .074 | .060 | .335 | .097 | 60 | 445 | .212 | .033 | .069 | -1.328 | 60 | 328 | .409 | .048 | .249 | -1.14 |
| 60 | 349 | .076 | .061 | .337 | .109 | 60 | 446 | .197 | .031 | .076 | -1.301 | 60 | 329 | .403 | .042 | .272 | -1.52 |
| 60 | 350 | .067 | .067 | .349 | .145 | 60 | 447 | .220 | .029 | .010 | -1.339 | 60 | 330 | .410 | .042 | .229 | -1.78 |
| 60 | 351 | .052 | .065 | .299 | .226 | 60 | 448 | .049 | .081 | .408 | -1.202 | 60 | 331 | .404 | .035 | .279 | -1.62 |
| 60 | 352 | .055 | .065 | .337 | .166 | 60 | 449 | .052 | .074 | .401 | -1.211 | 60 | 332 | .406 | .037 | .285 | -1.55 |
| 60 | 353 | .072 | .068 | .413 | .131 | 60 | 450 | .039 | .059 | .226 | -1.268 | 60 | 333 | .413 | .040 | .285 | -1.55 |
| 60 | 354 | .172 | .199 | .688 | .770 | 60 | 451 | .113 | .075 | .131 | -1.425 | 60 | 334 | .408 | .045 | .267 | -1.73 |
| 60 | 355 | .030 | .121 | .11 | .136 | 60 | 452 | .124 | .062 | .102 | -1.425 | 60 | 335 | .406 | .043 | .199 | -1.80 |
| 60 | 356 | .583 | .120 | .1 | .073 | 60 | 453 | .101 | .052 | .057 | -1.311 | 60 | 336 | .414 | .049 | .258 | -1.62 |
| 60 | 357 | .251 | .170 | .2 | .811 | 60 | 454 | .156 | .051 | .012 | -1.370 | 60 | 337 | .429 | .054 | .238 | -1.82 |
| 60 | 358 | .653 | .131 | .1 | .112 | 60 | 455 | .135 | .048 | .061 | -1.313 | 60 | 338 | .415 | .052 | .227 | -1.32 |
| 60 | 359 | .618 | .116 | .1 | .058 | 60 | 456 | .206 | .049 | .015 | -1.432 | 60 | 339 | .419 | .040 | .229 | -1.61 |
| 60 | 360 | .545 | .190 | .1 | .133 | 60 | 457 | .079 | .075 | .320 | -1.096 | 60 | 340 | .421 | .041 | .283 | -1.57 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 60 | 541 | 409 | 036 | 281 | 539 | 60 | 591 | 312 | 040 | 181 | 506 | 60 | 722 | 506 | 077 | 235 | 848 |
| 60 | 542 | 420 | 041 | 249 | 646 | 60 | 592 | 386 | 083 | 210 | 138 | 60 | 723 | 513 | 088 | 211 | 865 |
| 60 | 543 | 413 | 042 | 272 | 600 | 60 | 593 | 386 | 075 | 215 | 830 | 60 | 724 | 442 | 085 | 053 | 741 |
| 60 | 544 | 410 | 046 | 217 | 607 | 60 | 594 | 330 | 052 | 184 | 644 | 60 | 725 | 473 | 086 | 254 | 932 |
| 60 | 545 | 412 | 046 | 251 | 677 | 60 | 595 | 315 | 052 | 152 | 656 | 60 | 726 | 365 | 066 | 110 | 659 |
| 60 | 546 | 427 | 053 | 245 | 684 | 60 | 596 | 321 | 053 | 126 | 646 | 60 | 727 | 291 | 066 | 026 | 520 |
| 60 | 547 | 421 | 053 | 250 | 822 | 60 | 597 | 377 | 076 | 118 | 738 | 60 | 728 | 263 | 040 | 108 | 501 |
| 60 | 548 | 436 | 052 | 271 | 831 | 60 | 598 | 644 | 147 | 242 | 411 | 60 | 729 | 275 | 043 | 136 | 517 |
| 60 | 549 | 424 | 045 | 253 | 656 | 60 | 599 | 689 | 180 | 287 | 642 | 60 | 730 | 268 | 042 | 096 | 570 |
| 60 | 550 | 435 | 048 | 262 | 640 | 60 | 600 | 274 | 029 | 179 | 394 | 60 | 731 | 273 | 037 | 156 | 546 |
| 60 | 551 | 445 | 049 | 275 | 649 | 60 | 601 | 275 | 029 | 142 | 419 | 60 | 732 | 281 | 035 | 168 | 482 |
| 60 | 552 | 433 | 049 | 291 | 637 | 60 | 602 | 275 | 030 | 168 | 381 | 60 | 733 | 277 | 031 | 189 | 434 |
| 60 | 553 | 424 | 056 | 203 | 688 | 60 | 603 | 277 | 030 | 165 | 370 | 60 | 734 | 282 | 034 | 165 | 406 |
| 60 | 554 | 433 | 061 | 237 | 699 | 60 | 604 | 281 | 035 | 117 | 429 | 60 | 735 | 254 | 030 | 158 | 377 |
| 60 | 555 | 424 | 059 | 230 | 781 | 60 | 605 | 299 | 042 | 144 | 458 | 60 | 736 | 259 | 034 | 161 | 415 |
| 60 | 556 | 426 | 051 | 205 | 756 | 60 | 606 | 301 | 040 | 137 | 456 | 60 | 737 | 250 | 035 | 104 | 379 |
| 60 | 557 | 436 | 049 | 264 | 805 | 60 | 607 | 351 | 054 | 225 | 753 | 60 | 738 | 248 | 034 | 094 | 382 |
| 60 | 558 | 448 | 061 | 285 | 833 | 60 | 608 | 350 | 060 | 192 | 906 | 60 | 739 | 247 | 034 | 004 | 353 |
| 60 | 559 | 470 | 059 | 209 | 731 | 60 | 609 | 325 | 058 | 168 | 748 | 60 | 740 | 277 | 035 | 127 | 406 |
| 60 | 560 | 492 | 077 | 282 | 874 | 60 | 610 | 280 | 027 | 182 | 393 | 60 | 741 | 292 | 034 | 132 | 427 |
| 60 | 561 | 515 | 074 | 305 | 922 | 60 | 611 | 282 | 028 | 192 | 386 | 60 | 742 | 297 | 034 | 177 | 441 |
| 60 | 562 | 497 | 073 | 237 | 804 | 60 | 612 | 284 | 027 | 185 | 381 | 60 | 743 | 316 | 033 | 216 | 458 |
| 60 | 563 | 487 | 076 | 269 | 893 | 60 | 613 | 286 | 030 | 158 | 419 | 60 | 744 | 313 | 034 | 213 | 472 |
| 60 | 564 | 437 | 077 | 196 | 817 | 60 | 614 | 297 | 034 | 194 | 429 | 60 | 745 | 286 | 036 | 103 | 407 |
| 60 | 565 | 433 | 078 | 168 | 904 | 60 | 615 | 318 | 039 | 213 | 532 | 60 | 746 | 275 | 037 | 110 | 388 |
| 60 | 566 | 439 | 067 | 216 | 849 | 60 | 616 | 309 | 038 | 175 | 465 | 60 | 747 | 260 | 045 | 011 | 384 |
| 60 | 567 | 448 | 072 | 101 | 893 | 60 | 617 | 386 | 092 | 074 | 844 | 60 | 748 | 133 | 066 | 122 | 648 |
| 60 | 568 | 473 | 064 | 203 | 738 | 60 | 618 | 464 | 085 | 228 | 844 | 60 | 749 | 122 | 084 | 184 | 541 |
| 60 | 569 | 533 | 082 | 264 | 904 | 60 | 619 | 516 | 113 | 216 | 1083 | 60 | 750 | 024 | 057 | 208 | 256 |
| 60 | 570 | 560 | 092 | 289 | 118 | 60 | 701 | 422 | 054 | 246 | 696 | 60 | 751 | 064 | 076 | 422 | 208 |
| 60 | 571 | 541 | 081 | 316 | 086 | 60 | 702 | 421 | 058 | 225 | 667 | 60 | 752 | 053 | 074 | 382 | 156 |
| 60 | 572 | 538 | 084 | 323 | 077 | 60 | 703 | 432 | 064 | 196 | 790 | 60 | 753 | 142 | 048 | 054 | 318 |
| 60 | 573 | 364 | 042 | 218 | 503 | 60 | 704 | 409 | 050 | 193 | 692 | 60 | 754 | 097 | 053 | 108 | 346 |
| 60 | 574 | 495 | 084 | 244 | 927 | 60 | 705 | 417 | 052 | 214 | 758 | 60 | 755 | 194 | 044 | 037 | 372 |
| 60 | 575 | 440 | 058 | 208 | 709 | 60 | 706 | 437 | 059 | 216 | 872 | 60 | 756 | 124 | 047 | 027 | 325 |
| 60 | 576 | 393 | 091 | 203 | 898 | 60 | 707 | 421 | 045 | 280 | 692 | 60 | 757 | 188 | 042 | 030 | 346 |
| 60 | 577 | 391 | 077 | 172 | 779 | 60 | 708 | 429 | 048 | 255 | 690 | 60 | 758 | 070 | 074 | 199 | 425 |
| 60 | 578 | 386 | 072 | 205 | 803 | 60 | 709 | 443 | 053 | 275 | 747 | 60 | 759 | 053 | 058 | 312 | 093 |
| 60 | 579 | 357 | 044 | 210 | 547 | 60 | 710 | 443 | 057 | 310 | 912 | 60 | 760 | 080 | 063 | 345 | 095 |
| 60 | 580 | 299 | 035 | 184 | 445 | 60 | 711 | 451 | 057 | 296 | 790 | 60 | 761 | 087 | 066 | 345 | 081 |
| 60 | 581 | 322 | 044 | 167 | 494 | 60 | 712 | 460 | 064 | 223 | 824 | 60 | 762 | 316 | 035 | 199 | 459 |
| 60 | 582 | 349 | 053 | 186 | 566 | 60 | 713 | 465 | 060 | 278 | 760 | 60 | 763 | 320 | 037 | 199 | 462 |
| 60 | 583 | 420 | 069 | 174 | 709 | 60 | 714 | 479 | 066 | 287 | 763 | 60 | 764 | 341 | 040 | 180 | 483 |
| 60 | 584 | 461 | 071 | 264 | 820 | 60 | 715 | 476 | 070 | 153 | 776 | 60 | 765 | 315 | 036 | 178 | 481 |
| 60 | 585 | 653 | 147 | 324 | 426 | 60 | 716 | 506 | 072 | 328 | 904 | 60 | 766 | 331 | 033 | 238 | 441 |
| 60 | 586 | 637 | 150 | 324 | 549 | 60 | 717 | 501 | 070 | 294 | 813 | 60 | 767 | 331 | 040 | 197 | 514 |
| 60 | 587 | 273 | 030 | 176 | 382 | 60 | 718 | 496 | 074 | 116 | 863 | 60 | 801 | 302 | 067 | 052 | 639 |
| 60 | 588 | 276 | 030 | 172 | 392 | 60 | 719 | 583 | 082 | 360 | 969 | 60 | 802 | 302 | 053 | 083 | 561 |
| 60 | 589 | 282 | 032 | 179 | 397 | 60 | 720 | 546 | 082 | 228 | 923 | 60 | 803 | 503 | 085 | 366 | 729 |
| 60 | 590 | 293 | 036 | 164 | 443 | 60 | 721 | 510 | 074 | 146 | 800 | 60 | 804 | 288 | 033 | 149 | 429 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 60 | 805 | -.281 | .038 | -.168 | -.440 | 60 | 950 | -.226 | .030 | -.112 | -.405 | 70 | 146 | .430 | .166 | .900 | -.181 |
| 60 | 901 | -.374 | .118 | -.185 | -.151 | 60 | 951 | -.249 | .042 | -.079 | -.469 | 70 | 147 | .245 | .137 | .700 | -.252 |
| 60 | 902 | -.449 | .105 | -.025 | -.912 | 60 | 952 | -.233 | .043 | -.008 | -.386 | 70 | 148 | .107 | .132 | .596 | -.322 |
| 60 | 903 | -.486 | .110 | -.072 | -.013 | 60 | 953 | -.223 | .049 | -.030 | -.393 | 70 | 149 | .174 | .168 | .740 | -.428 |
| 60 | 904 | -.498 | .092 | -.144 | -.914 | 60 | 954 | -.229 | .041 | -.050 | -.381 | 70 | 150 | .312 | .154 | .849 | -.106 |
| 60 | 905 | -.302 | .146 | -.292 | -.813 | 70 | 101 | -.145 | .060 | .050 | -.330 | 70 | 151 | .315 | .142 | .789 | -.073 |
| 60 | 906 | -.568 | .104 | -.214 | -.133 | 70 | 102 | -.006 | .107 | .421 | -.538 | 70 | 152 | -.096 | .144 | .362 | -.576 |
| 60 | 907 | -.499 | .100 | -.149 | -.993 | 70 | 103 | -.164 | .120 | .700 | -.464 | 70 | 153 | -.703 | .197 | -.080 | -1.609 |
| 60 | 908 | -.608 | .118 | -.216 | -.099 | 70 | 104 | -.283 | .132 | .780 | -.234 | 70 | 154 | -.058 | .273 | -.178 | -2.188 |
| 60 | 909 | -.479 | .090 | -.056 | -.824 | 70 | 105 | -.297 | .138 | .679 | -.240 | 70 | 155 | -.889 | .285 | -.168 | -1.794 |
| 60 | 910 | -.606 | .124 | -.192 | -.211 | 70 | 106 | -.034 | .167 | .608 | -.754 | 70 | 156 | -.303 | .063 | -.080 | -.541 |
| 60 | 911 | -.575 | .123 | -.072 | -.083 | 70 | 107 | -.260 | .110 | .138 | -.667 | 70 | 157 | -.297 | .042 | -.161 | -.444 |
| 60 | 912 | -.646 | .125 | -.302 | -.155 | 70 | 108 | -.153 | .170 | .354 | -.745 | 70 | 158 | -.325 | .043 | -.196 | -.490 |
| 60 | 913 | -.232 | .038 | -.024 | -.353 | 70 | 109 | -.036 | .153 | .753 | -.393 | 70 | 159 | -.323 | .044 | -.178 | -.502 |
| 60 | 914 | -.209 | .041 | -.056 | -.320 | 70 | 110 | -.108 | .183 | .900 | -.446 | 70 | 160 | -.101 | .086 | -.316 | -.449 |
| 60 | 915 | -.680 | .137 | -.304 | -.340 | 70 | 111 | -.153 | .163 | .836 | -.369 | 70 | 161 | .072 | .099 | .517 | -.282 |
| 60 | 916 | -.693 | .132 | -.295 | -.169 | 70 | 112 | -.153 | .154 | .658 | -.305 | 70 | 162 | .331 | .118 | .728 | -.032 |
| 60 | 917 | -.161 | .052 | -.096 | -.306 | 70 | 113 | -.402 | .164 | .933 | -.254 | 70 | 163 | .534 | .150 | 1.133 | .093 |
| 60 | 918 | -.225 | .041 | -.024 | -.353 | 70 | 114 | -.656 | .293 | .543 | -.156 | 70 | 164 | .608 | .154 | 1.124 | .135 |
| 60 | 919 | -.105 | .099 | -.326 | -.318 | 70 | 115 | -.749 | .141 | -.197 | -.287 | 70 | 165 | .608 | .158 | 1.129 | .098 |
| 60 | 920 | -.097 | .050 | -.156 | -.268 | 70 | 116 | -.453 | .110 | -.160 | -.863 | 70 | 166 | .560 | .158 | 1.023 | .035 |
| 60 | 921 | -.673 | .169 | -.203 | -.466 | 70 | 117 | -.351 | .065 | -.144 | -.658 | 70 | 167 | .490 | .135 | 1.001 | .142 |
| 60 | 922 | -.684 | .163 | -.090 | -.434 | 70 | 118 | -.364 | .056 | -.171 | -.602 | 70 | 168 | .435 | .133 | .923 | .045 |
| 60 | 923 | -.650 | .130 | -.331 | -.153 | 70 | 119 | -.384 | .061 | -.190 | -.699 | 70 | 169 | .444 | .141 | .950 | .005 |
| 60 | 924 | -.653 | .146 | -.277 | -.369 | 70 | 120 | -.463 | .153 | -.914 | -.040 | 70 | 170 | .510 | .147 | 1.094 | .098 |
| 60 | 925 | -.051 | .075 | -.274 | -.244 | 70 | 121 | -.390 | .140 | -.882 | -.028 | 70 | 171 | .007 | .117 | .459 | -.414 |
| 60 | 926 | -.086 | .096 | -.203 | -.445 | 70 | 122 | -.266 | .149 | .714 | -.284 | 70 | 172 | -.581 | .176 | .093 | -1.194 |
| 60 | 927 | -.041 | .174 | .423 | -.829 | 70 | 123 | -.196 | .131 | .237 | -.591 | 70 | 173 | -.805 | .162 | -.115 | -1.417 |
| 60 | 928 | -.047 | .167 | .657 | -.484 | 70 | 124 | -.007 | .134 | .631 | -.455 | 70 | 174 | -.124 | .196 | -.553 | -1.980 |
| 60 | 929 | -.026 | .122 | .538 | -.473 | 70 | 125 | .129 | .142 | .686 | -.344 | 70 | 175 | -.122 | .210 | -.314 | -1.806 |
| 60 | 930 | -.025 | .093 | .335 | -.481 | 70 | 126 | .125 | .188 | .716 | -.450 | 70 | 176 | -.526 | .211 | -.141 | -1.465 |
| 60 | 931 | -.038 | .059 | -.243 | -.329 | 70 | 127 | -.408 | .223 | .543 | -.139 | 70 | 177 | -.343 | .072 | -.154 | -.803 |
| 60 | 932 | -.044 | .066 | -.269 | -.351 | 70 | 128 | -.920 | .269 | -.139 | -.764 | 70 | 178 | -.349 | .046 | -.189 | -.576 |
| 60 | 933 | -.172 | .036 | -.015 | -.351 | 70 | 129 | -.471 | .129 | -.029 | -.056 | 70 | 179 | -.375 | .047 | -.231 | -.650 |
| 60 | 934 | -.103 | .046 | -.141 | -.268 | 70 | 130 | -.521 | .159 | 1.025 | -.012 | 70 | 180 | -.139 | .077 | -.279 | -.421 |
| 60 | 935 | -.129 | .050 | -.085 | -.301 | 70 | 131 | -.481 | .157 | 1.006 | -.040 | 70 | 181 | -.038 | .097 | -.503 | -.266 |
| 60 | 936 | -.211 | .042 | -.031 | -.358 | 70 | 132 | -.262 | .160 | .776 | -.344 | 70 | 182 | .308 | .121 | .691 | -.066 |
| 60 | 937 | -.091 | .057 | -.170 | -.355 | 70 | 133 | .114 | .131 | .393 | -.588 | 70 | 183 | .500 | .148 | 1.045 | .054 |
| 60 | 938 | -.099 | .058 | -.113 | -.387 | 70 | 134 | -.003 | .185 | .824 | -.667 | 70 | 184 | .541 | .165 | 1.131 | .035 |
| 60 | 939 | -.124 | .061 | -.113 | -.369 | 70 | 135 | -.018 | .171 | .677 | -.538 | 70 | 185 | .569 | .167 | 1.187 | .066 |
| 60 | 940 | -.127 | .067 | -.160 | -.424 | 70 | 136 | -.344 | .228 | 1.004 | -.434 | 70 | 186 | .512 | .168 | 1.062 | -.115 |
| 60 | 941 | -.148 | .050 | -.144 | -.322 | 70 | 137 | -.297 | .133 | .064 | -.1064 | 70 | 187 | .442 | .134 | .909 | -.113 |
| 60 | 942 | -.182 | .076 | .054 | -.387 | 70 | 138 | -.024 | .222 | -.273 | -.833 | 70 | 188 | .376 | .132 | .862 | -.005 |
| 60 | 943 | -.211 | .094 | .113 | -.378 | 70 | 139 | -.483 | .151 | -.012 | -.273 | 70 | 189 | .408 | .150 | .960 | -.034 |
| 60 | 944 | -.163 | .053 | -.073 | -.386 | 70 | 140 | -.133 | .120 | .313 | -.750 | 70 | 190 | .483 | .145 | 1.057 | .096 |
| 60 | 945 | -.216 | .032 | -.064 | -.332 | 70 | 141 | -.105 | .116 | .619 | -.492 | 70 | 191 | -.081 | .116 | .608 | -.384 |
| 60 | 946 | -.229 | .039 | -.062 | -.366 | 70 | 142 | -.349 | .134 | .804 | -.199 | 70 | 192 | -.501 | .156 | .047 | -.988 |
| 60 | 947 | -.224 | .031 | -.071 | -.327 | 70 | 143 | -.342 | .138 | 1.069 | -.091 | 70 | 193 | -.705 | .145 | -.119 | -1.335 |
| 60 | 948 | -.218 | .033 | -.031 | -.336 | 70 | 144 | -.583 | .165 | 1.253 | -.089 | 70 | 194 | -.089 | .212 | -.522 | -2.035 |
| 60 | 949 | -.241 | .033 | -.064 | -.377 | 70 | 145 | -.545 | .162 | 1.094 | -.130 | 70 | 195 | -.033 | .207 | -.378 | -1.989 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 70 | 196 | .698 | .261 | .089 | -.565 | 70 | 246 | .026 | .115 | .532 | -.313 | 70 | 296 | -.042 | .063 | .280 | -.230 |
| 70 | 197 | .367 | .117 | .123 | -.069 | 70 | 247 | .048 | .111 | .679 | -.244 | 70 | 297 | -.161 | .039 | .060 | -.291 |
| 70 | 198 | .338 | .061 | .164 | -.754 | 70 | 248 | .043 | .099 | .454 | -.253 | 70 | 298 | -.263 | .031 | .131 | -.395 |
| 70 | 199 | .331 | .053 | .171 | -.697 | 70 | 249 | .055 | .108 | .672 | -.242 | 70 | 299 | -.344 | .047 | .220 | -.551 |
| 70 | 200 | .153 | .091 | .207 | -.440 | 70 | 250 | .103 | .110 | .589 | -.166 | 70 | 300 | -.218 | .039 | .059 | -.442 |
| 70 | 201 | .023 | .093 | .346 | -.283 | 70 | 251 | .005 | .104 | .454 | -.375 | 70 | 301 | -.211 | .024 | .128 | -.314 |
| 70 | 202 | .186 | .126 | .671 | -.247 | 70 | 252 | -.210 | .180 | .245 | -1.137 | 70 | 302 | -.212 | .026 | .106 | -.324 |
| 70 | 203 | .389 | .161 | .045 | -.039 | 70 | 253 | -.293 | .153 | .210 | -1.010 | 70 | 303 | -.230 | .045 | .005 | -.477 |
| 70 | 204 | .465 | .169 | .086 | -.030 | 70 | 254 | -.563 | .249 | .041 | -1.706 | 70 | 304 | -.201 | .075 | .005 | -.581 |
| 70 | 205 | .466 | .178 | .998 | -.096 | 70 | 255 | -.391 | .241 | .091 | -1.641 | 70 | 305 | -.173 | .072 | .035 | -.652 |
| 70 | 206 | .421 | .166 | .991 | -.162 | 70 | 256 | -.219 | .111 | .036 | -1.111 | 70 | 306 | -.195 | .045 | .014 | -.353 |
| 70 | 207 | .401 | .157 | .925 | -.032 | 70 | 257 | -.229 | .059 | -.040 | -.556 | 70 | 307 | -.251 | .034 | .101 | -.415 |
| 70 | 208 | .352 | .134 | .783 | -.019 | 70 | 258 | -.302 | .066 | -.118 | -.641 | 70 | 308 | -.266 | .036 | .143 | -.450 |
| 70 | 209 | .371 | .143 | .918 | -.105 | 70 | 259 | -.352 | .078 | -.148 | -.719 | 70 | 309 | -.268 | .032 | .166 | -.427 |
| 70 | 210 | .418 | .147 | .863 | -.034 | 70 | 260 | -.245 | .053 | -.065 | -.501 | 70 | 310 | -.204 | .034 | .049 | -.341 |
| 70 | 211 | .116 | .101 | .471 | -.198 | 70 | 261 | -.227 | .050 | -.019 | -.444 | 70 | 311 | -.195 | .029 | .066 | -.363 |
| 70 | 212 | .466 | .159 | .161 | -.943 | 70 | 262 | -.156 | .046 | -.098 | -.349 | 70 | 312 | -.220 | .029 | .133 | -.341 |
| 70 | 213 | .515 | .113 | .101 | -.962 | 70 | 263 | -.121 | .050 | .098 | -.336 | 70 | 313 | -.217 | .026 | .131 | -.314 |
| 70 | 214 | .918 | .115 | .547 | -1.228 | 70 | 264 | -.115 | .059 | .130 | -.542 | 70 | 314 | -.221 | .027 | .133 | -.338 |
| 70 | 215 | .962 | .225 | .284 | -2.033 | 70 | 265 | -.133 | .071 | .190 | -.427 | 70 | 315 | -.286 | .085 | .039 | -.662 |
| 70 | 216 | .633 | .267 | .075 | -.608 | 70 | 266 | -.091 | .063 | .254 | -.361 | 70 | 316 | -.257 | .067 | .017 | -.558 |
| 70 | 217 | .354 | .113 | .100 | -.245 | 70 | 267 | -.083 | .068 | .213 | -.338 | 70 | 317 | -.268 | .037 | .155 | -.418 |
| 70 | 218 | .374 | .057 | .190 | -.781 | 70 | 268 | -.080 | .060 | .204 | -.402 | 70 | 318 | -.285 | .039 | .173 | -.474 |
| 70 | 219 | .411 | .064 | .215 | -.906 | 70 | 269 | -.053 | .065 | .233 | -.306 | 70 | 319 | -.257 | .030 | .158 | -.378 |
| 70 | 220 | .312 | .078 | .015 | -.547 | 70 | 270 | -.045 | .067 | .314 | -.271 | 70 | 320 | -.243 | .025 | .170 | -.341 |
| 70 | 221 | .191 | .081 | .132 | -.468 | 70 | 271 | -.098 | .077 | .249 | -.359 | 70 | 321 | -.242 | .024 | .175 | -.336 |
| 70 | 222 | .046 | .107 | .441 | -.249 | 70 | 272 | -.170 | .117 | .217 | -.921 | 70 | 322 | -.197 | .027 | .081 | -.284 |
| 70 | 223 | .183 | .144 | .628 | -.183 | 70 | 273 | -.203 | .108 | .165 | -.779 | 70 | 323 | -.217 | .027 | .123 | -.356 |
| 70 | 224 | .243 | .181 | .916 | -.176 | 70 | 274 | -.335 | .154 | .142 | -1.077 | 70 | 324 | -.238 | .033 | .128 | -.385 |
| 70 | 225 | .247 | .174 | .900 | -.251 | 70 | 275 | -.267 | .130 | .048 | -.974 | 70 | 325 | -.222 | .031 | .116 | -.364 |
| 70 | 226 | .242 | .160 | .811 | -.180 | 70 | 276 | -.192 | .063 | .070 | -.567 | 70 | 326 | -.292 | .054 | .140 | -.556 |
| 70 | 227 | .225 | .150 | .870 | -.173 | 70 | 277 | -.218 | .047 | -.014 | -.620 | 70 | 327 | -.313 | .061 | .098 | -.556 |
| 70 | 228 | .200 | .146 | .856 | -.171 | 70 | 278 | -.270 | .056 | -.087 | -.585 | 70 | 328 | -.242 | .035 | .101 | -.445 |
| 70 | 229 | .234 | .146 | .738 | -.201 | 70 | 279 | -.417 | .078 | -.195 | -.835 | 70 | 329 | -.320 | .059 | .180 | -.625 |
| 70 | 230 | .268 | .144 | .875 | -.066 | 70 | 280 | -.286 | .046 | -.113 | -.487 | 70 | 330 | -.280 | .041 | .167 | -.455 |
| 70 | 231 | .044 | .127 | .601 | -.356 | 70 | 281 | -.247 | .039 | -.091 | -.435 | 70 | 331 | -.257 | .031 | .165 | -.376 |
| 70 | 232 | .314 | .202 | .383 | -1.054 | 70 | 282 | -.063 | .092 | .480 | -.262 | 70 | 332 | -.207 | .032 | .089 | -.369 |
| 70 | 233 | .474 | .167 | .114 | -1.091 | 70 | 283 | -.015 | .095 | .468 | -.239 | 70 | 333 | -.196 | .026 | .084 | -.285 |
| 70 | 234 | .840 | .255 | .166 | -1.091 | 70 | 284 | -.044 | .073 | .255 | -.299 | 70 | 334 | -.205 | .026 | .125 | -.302 |
| 70 | 235 | .787 | .295 | .017 | -1.919 | 70 | 285 | -.000 | .061 | .270 | -.175 | 70 | 335 | -.227 | .034 | .128 | -.396 |
| 70 | 236 | .355 | .204 | .011 | -1.359 | 70 | 286 | -.014 | .063 | .253 | -.388 | 70 | 336 | -.292 | .060 | .138 | -.669 |
| 70 | 237 | .255 | .071 | .053 | -.728 | 70 | 287 | -.024 | .059 | .203 | -.430 | 70 | 337 | -.238 | .029 | .123 | -.389 |
| 70 | 238 | .296 | .057 | .122 | -.684 | 70 | 288 | -.028 | .063 | .228 | -.408 | 70 | 338 | -.260 | .030 | .160 | -.384 |
| 70 | 239 | .336 | .068 | .148 | -.671 | 70 | 289 | -.003 | .054 | .287 | -.197 | 70 | 339 | -.242 | .029 | .128 | -.342 |
| 70 | 240 | .289 | .062 | .028 | -.512 | 70 | 290 | -.002 | .055 | .245 | -.212 | 70 | 340 | -.010 | .064 | .254 | -.210 |
| 70 | 241 | .235 | .066 | .022 | -.505 | 70 | 291 | -.006 | .057 | .295 | -.202 | 70 | 341 | -.012 | .062 | .313 | -.198 |
| 70 | 242 | .122 | .079 | .213 | -.398 | 70 | 292 | -.026 | .059 | .267 | -.418 | 70 | 342 | -.021 | .062 | .286 | -.190 |
| 70 | 243 | .044 | .092 | .353 | -.292 | 70 | 293 | -.017 | .056 | .218 | -.178 | 70 | 343 | -.036 | .068 | .393 | -.145 |
| 70 | 244 | .068 | .108 | .520 | -.313 | 70 | 294 | -.003 | .065 | .305 | -.321 | 70 | 344 | -.027 | .061 | .281 | -.178 |
| 70 | 245 | .021 | .116 | .470 | -.489 | 70 | 295 | -.042 | .089 | .290 | -.356 | 70 | 345 | -.001 | .063 | .271 | -.234 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 70 | 346 | 038 | 082 | 293 | 373 | 70 | 443 | 224 | 040 | 088 | 405 | 70 | 526 | 376 | 050 | 199 | 620 |
| 70 | 347 | 041 | 075 | 447 | 149 | 70 | 444 | 262 | 042 | 083 | 381 | 70 | 527 | 380 | 049 | 208 | 588 |
| 70 | 348 | 088 | 088 | 628 | 110 | 70 | 445 | 178 | 033 | 058 | 310 | 70 | 528 | 391 | 054 | 215 | 752 |
| 70 | 349 | 084 | 089 | 574 | 122 | 70 | 446 | 183 | 033 | 027 | 305 | 70 | 529 | 379 | 047 | 244 | 608 |
| 70 | 350 | 098 | 095 | 660 | 111 | 70 | 447 | 201 | 026 | 041 | 303 | 70 | 530 | 388 | 046 | 258 | 574 |
| 70 | 351 | 094 | 095 | 528 | 189 | 70 | 448 | 099 | 118 | 061 | 229 | 70 | 531 | 377 | 044 | 259 | 595 |
| 70 | 352 | 112 | 102 | 567 | 189 | 70 | 449 | 097 | 108 | 577 | 168 | 70 | 532 | 386 | 046 | 210 | 851 |
| 70 | 353 | 131 | 120 | 682 | 229 | 70 | 450 | 141 | 058 | 186 | 168 | 70 | 533 | 384 | 048 | 247 | 551 |
| 70 | 401 | 017 | 220 | 932 | 729 | 70 | 451 | 141 | 082 | 186 | 742 | 70 | 534 | 379 | 053 | 169 | 601 |
| 70 | 402 | 530 | 153 | 294 | 182 | 70 | 452 | 142 | 060 | 133 | 916 | 70 | 535 | 374 | 052 | 159 | 615 |
| 70 | 403 | 466 | 110 | 156 | 089 | 70 | 453 | 122 | 050 | 052 | 415 | 70 | 536 | 385 | 052 | 200 | 652 |
| 70 | 404 | 098 | 177 | 612 | 872 | 70 | 454 | 178 | 048 | 022 | 412 | 70 | 537 | 413 | 063 | 228 | 682 |
| 70 | 405 | 522 | 147 | 284 | 111 | 70 | 455 | 153 | 046 | 064 | 345 | 70 | 538 | 415 | 062 | 238 | 647 |
| 70 | 406 | 473 | 134 | 025 | 044 | 70 | 456 | 218 | 045 | 044 | 443 | 70 | 539 | 406 | 057 | 244 | 647 |
| 70 | 407 | 407 | 196 | 294 | 064 | 70 | 457 | 123 | 117 | 095 | 130 | 70 | 540 | 402 | 056 | 215 | 631 |
| 70 | 408 | 633 | 145 | 015 | 236 | 70 | 458 | 122 | 115 | 725 | 115 | 70 | 541 | 395 | 048 | 190 | 590 |
| 70 | 409 | 632 | 140 | 209 | 111 | 70 | 459 | 019 | 071 | 498 | 159 | 70 | 542 | 389 | 048 | 206 | 627 |
| 70 | 410 | 457 | 202 | 387 | 266 | 70 | 460 | 161 | 114 | 198 | 725 | 70 | 543 | 379 | 051 | 229 | 800 |
| 70 | 411 | 755 | 166 | 038 | 327 | 70 | 461 | 213 | 042 | 066 | 399 | 70 | 544 | 374 | 053 | 208 | 604 |
| 70 | 412 | 702 | 137 | 154 | 222 | 70 | 462 | 213 | 032 | 179 | 402 | 70 | 545 | 374 | 052 | 190 | 622 |
| 70 | 413 | 422 | 218 | 366 | 088 | 70 | 463 | 266 | 028 | 171 | 375 | 70 | 546 | 436 | 082 | 179 | 645 |
| 70 | 414 | 699 | 153 | 170 | 136 | 70 | 464 | 266 | 026 | 184 | 397 | 70 | 547 | 435 | 081 | 220 | 974 |
| 70 | 415 | 696 | 164 | 112 | 311 | 70 | 465 | 277 | 026 | 186 | 392 | 70 | 548 | 455 | 092 | 216 | 091 |
| 70 | 416 | 633 | 191 | 246 | 111 | 70 | 466 | 277 | 025 | 191 | 409 | 70 | 549 | 424 | 081 | 193 | 905 |
| 70 | 417 | 633 | 157 | 087 | 222 | 70 | 467 | 277 | 027 | 181 | 394 | 70 | 550 | 417 | 065 | 149 | 677 |
| 70 | 418 | 622 | 141 | 226 | 133 | 70 | 501 | 338 | 073 | 110 | 743 | 70 | 551 | 432 | 060 | 220 | 689 |
| 70 | 419 | 396 | 149 | 164 | 338 | 70 | 502 | 338 | 065 | 164 | 704 | 70 | 552 | 409 | 057 | 230 | 645 |
| 70 | 420 | 610 | 145 | 027 | 176 | 70 | 503 | 338 | 060 | 167 | 638 | 70 | 553 | 393 | 062 | 181 | 675 |
| 70 | 421 | 577 | 127 | 196 | 176 | 70 | 504 | 338 | 063 | 171 | 755 | 70 | 554 | 407 | 068 | 142 | 765 |
| 70 | 422 | 448 | 113 | 045 | 797 | 70 | 505 | 368 | 064 | 166 | 702 | 70 | 555 | 428 | 101 | 140 | 026 |
| 70 | 423 | 498 | 098 | 072 | 921 | 70 | 506 | 393 | 072 | 087 | 773 | 70 | 556 | 441 | 099 | 147 | 196 |
| 70 | 424 | 498 | 101 | 246 | 077 | 70 | 507 | 411 | 075 | 071 | 835 | 70 | 557 | 488 | 122 | 243 | 426 |
| 70 | 425 | 242 | 068 | 050 | 700 | 70 | 508 | 401 | 063 | 178 | 741 | 70 | 558 | 449 | 085 | 154 | 813 |
| 70 | 426 | 277 | 062 | 072 | 000 | 70 | 509 | 404 | 070 | 162 | 803 | 70 | 559 | 488 | 078 | 186 | 854 |
| 70 | 427 | 380 | 084 | 181 | 822 | 70 | 510 | 371 | 055 | 176 | 613 | 70 | 560 | 545 | 104 | 227 | 107 |
| 70 | 428 | 333 | 032 | 119 | 666 | 70 | 511 | 337 | 053 | 217 | 585 | 70 | 561 | 535 | 101 | 225 | 056 |
| 70 | 429 | 321 | 032 | 097 | 586 | 70 | 512 | 360 | 047 | 227 | 599 | 70 | 562 | 504 | 085 | 220 | 840 |
| 70 | 430 | 219 | 034 | 075 | 455 | 70 | 513 | 366 | 047 | 229 | 551 | 70 | 563 | 505 | 089 | 220 | 873 |
| 70 | 431 | 202 | 049 | 061 | 448 | 70 | 514 | 369 | 053 | 187 | 563 | 70 | 564 | 445 | 125 | 131 | 274 |
| 70 | 432 | 189 | 041 | 036 | 399 | 70 | 515 | 390 | 054 | 171 | 608 | 70 | 565 | 440 | 121 | 108 | 153 |
| 70 | 433 | 196 | 039 | 044 | 377 | 70 | 516 | 383 | 053 | 178 | 627 | 70 | 566 | 447 | 114 | 172 | 373 |
| 70 | 434 | 206 | 039 | 068 | 377 | 70 | 517 | 377 | 052 | 123 | 643 | 70 | 567 | 419 | 083 | 069 | 100 |
| 70 | 435 | 202 | 027 | 095 | 311 | 70 | 518 | 377 | 049 | 220 | 549 | 70 | 568 | 488 | 075 | 230 | 882 |
| 70 | 436 | 238 | 049 | 007 | 488 | 70 | 519 | 377 | 047 | 184 | 646 | 70 | 569 | 567 | 112 | 243 | 332 |
| 70 | 437 | 238 | 044 | 084 | 488 | 70 | 520 | 377 | 041 | 220 | 551 | 70 | 570 | 543 | 094 | 305 | 054 |
| 70 | 438 | 268 | 043 | 072 | 422 | 70 | 521 | 369 | 040 | 220 | 531 | 70 | 571 | 530 | 082 | 322 | 884 |
| 70 | 439 | 277 | 038 | 099 | 377 | 70 | 522 | 377 | 039 | 333 | 544 | 70 | 572 | 534 | 085 | 319 | 040 |
| 70 | 440 | 277 | 039 | 127 | 433 | 70 | 523 | 377 | 043 | 211 | 633 | 70 | 573 | 539 | 046 | 223 | 593 |
| 70 | 441 | 277 | 035 | 129 | 399 | 70 | 524 | 377 | 049 | 181 | 638 | 70 | 574 | 507 | 092 | 216 | 901 |
| 70 | 442 | 231 | 037 | 097 | 361 | 70 | 525 | 377 | 047 | 224 | 572 | 70 | 575 | 420 | 069 | 176 | 760 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 70 | 576 | .334 | .081 | .154 | .881 | 70 | 707 | .402 | .055 | .250 | .767 | 70 | 757 | .194 | .038 | .066 | .338 |
| 70 | 577 | .322 | .062 | .176 | .613 | 70 | 708 | .409 | .057 | .250 | .726 | 70 | 758 | .031 | .075 | .335 | .392 |
| 70 | 578 | .306 | .048 | .166 | .559 | 70 | 709 | .419 | .060 | .257 | .733 | 70 | 759 | .083 | .095 | .679 | .115 |
| 70 | 579 | .337 | .045 | .191 | .551 | 70 | 710 | .453 | .070 | .257 | .781 | 70 | 760 | .048 | .067 | .377 | .152 |
| 70 | 580 | .291 | .040 | .166 | .556 | 70 | 711 | .429 | .066 | .204 | .737 | 70 | 761 | .051 | .069 | .481 | .123 |
| 70 | 581 | .318 | .049 | .156 | .511 | 70 | 712 | .441 | .071 | .156 | .765 | 70 | 762 | .255 | .036 | .135 | .415 |
| 70 | 582 | .330 | .055 | .151 | .633 | 70 | 713 | .460 | .077 | .269 | .772 | 70 | 763 | .245 | .037 | .106 | .452 |
| 70 | 583 | .399 | .077 | .149 | .767 | 70 | 714 | .455 | .076 | .209 | .834 | 70 | 764 | .277 | .048 | .125 | .595 |
| 70 | 584 | .439 | .085 | .159 | .938 | 70 | 715 | .451 | .081 | .094 | .831 | 70 | 765 | .248 | .037 | .101 | .403 |
| 70 | 585 | .439 | .085 | .159 | .938 | 70 | 716 | .507 | .105 | .211 | .990 | 70 | 766 | .302 | .027 | .203 | .413 |
| 70 | 586 | .548 | .138 | .276 | .399 | 70 | 717 | .504 | .104 | .230 | .877 | 70 | 767 | .260 | .041 | .108 | .461 |
| 70 | 587 | .247 | .029 | .141 | .377 | 70 | 718 | .495 | .094 | .218 | .877 | 70 | 801 | .272 | .063 | .006 | .600 |
| 70 | 588 | .259 | .031 | .161 | .402 | 70 | 719 | .571 | .102 | .305 | .155 | 70 | 802 | .304 | .052 | .098 | .510 |
| 70 | 589 | .273 | .033 | .171 | .410 | 70 | 720 | .576 | .128 | .256 | .237 | 70 | 803 | .489 | .069 | .276 | .746 |
| 70 | 590 | .283 | .039 | .149 | .462 | 70 | 721 | .543 | .114 | .202 | .040 | 70 | 804 | .282 | .032 | .142 | .432 |
| 70 | 591 | .288 | .044 | .171 | .544 | 70 | 722 | .505 | .103 | .248 | .134 | 70 | 805 | .268 | .029 | .181 | .396 |
| 70 | 592 | .279 | .042 | .159 | .504 | 70 | 723 | .493 | .104 | .165 | .043 | 70 | 901 | .551 | .134 | .102 | .183 |
| 70 | 593 | .271 | .035 | .119 | .420 | 70 | 724 | .419 | .103 | .017 | .885 | 70 | 902 | .468 | .105 | .018 | .983 |
| 70 | 594 | .275 | .036 | .186 | .332 | 70 | 725 | .398 | .076 | .209 | .804 | 70 | 903 | .429 | .111 | .069 | .115 |
| 70 | 595 | .300 | .047 | .181 | .618 | 70 | 726 | .304 | .054 | .086 | .499 | 70 | 904 | .462 | .092 | .047 | .881 |
| 70 | 596 | .311 | .053 | .079 | .618 | 70 | 727 | .267 | .055 | .032 | .492 | 70 | 905 | .393 | .108 | .130 | .756 |
| 70 | 597 | .345 | .071 | .089 | .792 | 70 | 728 | .266 | .034 | .167 | .512 | 70 | 906 | .550 | .129 | .161 | .522 |
| 70 | 598 | .604 | .165 | .238 | .341 | 70 | 729 | .271 | .035 | .165 | .520 | 70 | 907 | .499 | .110 | .156 | .027 |
| 70 | 599 | .652 | .193 | .295 | .008 | 70 | 730 | .269 | .034 | .181 | .514 | 70 | 908 | .553 | .119 | .150 | .108 |
| 70 | 600 | .652 | .193 | .295 | .008 | 70 | 731 | .260 | .030 | .164 | .436 | 70 | 909 | .469 | .106 | .034 | .886 |
| 70 | 601 | .232 | .025 | .161 | .335 | 70 | 732 | .256 | .026 | .181 | .355 | 70 | 910 | .611 | .140 | .172 | .247 |
| 70 | 602 | .259 | .028 | .165 | .398 | 70 | 733 | .254 | .023 | .157 | .377 | 70 | 911 | .584 | .135 | .081 | .190 |
| 70 | 603 | .270 | .034 | .140 | .433 | 70 | 734 | .234 | .024 | .186 | .358 | 70 | 912 | .586 | .118 | .277 | .142 |
| 70 | 604 | .244 | .037 | .064 | .357 | 70 | 735 | .257 | .027 | .169 | .365 | 70 | 913 | .140 | .069 | .226 | .298 |
| 70 | 605 | .275 | .041 | .140 | .462 | 70 | 736 | .266 | .032 | .179 | .377 | 70 | 914 | .094 | .089 | .394 | .283 |
| 70 | 606 | .280 | .042 | .138 | .494 | 70 | 737 | .262 | .030 | .162 | .409 | 70 | 915 | .654 | .139 | .206 | .161 |
| 70 | 607 | .286 | .028 | .177 | .421 | 70 | 738 | .255 | .031 | .159 | .382 | 70 | 916 | .618 | .115 | .261 | .204 |
| 70 | 608 | .286 | .029 | .170 | .381 | 70 | 739 | .244 | .029 | .110 | .348 | 70 | 917 | .173 | .040 | .075 | .276 |
| 70 | 609 | .286 | .032 | .157 | .411 | 70 | 740 | .264 | .026 | .181 | .358 | 70 | 918 | .268 | .039 | .004 | .320 |
| 70 | 610 | .252 | .027 | .148 | .349 | 70 | 741 | .265 | .026 | .184 | .365 | 70 | 919 | .125 | .103 | .448 | .449 |
| 70 | 611 | .254 | .025 | .162 | .303 | 70 | 742 | .267 | .023 | .184 | .365 | 70 | 920 | .001 | .106 | .559 | .279 |
| 70 | 612 | .264 | .027 | .180 | .403 | 70 | 743 | .274 | .027 | .192 | .411 | 70 | 921 | .589 | .153 | .245 | .356 |
| 70 | 613 | .271 | .036 | .118 | .396 | 70 | 744 | .274 | .027 | .189 | .374 | 70 | 922 | .603 | .157 | .240 | .504 |
| 70 | 614 | .265 | .036 | .140 | .413 | 70 | 745 | .262 | .025 | .096 | .344 | 70 | 923 | .543 | .116 | .252 | .242 |
| 70 | 615 | .299 | .044 | .130 | .590 | 70 | 746 | .255 | .025 | .162 | .352 | 70 | 924 | .554 | .128 | .256 | .401 |
| 70 | 616 | .299 | .037 | .143 | .430 | 70 | 747 | .253 | .026 | .135 | .355 | 70 | 925 | .079 | .064 | .301 | .240 |
| 70 | 617 | .289 | .076 | .059 | .706 | 70 | 748 | .169 | .062 | .061 | .524 | 70 | 926 | .044 | .097 | .464 | .327 |
| 70 | 618 | .398 | .083 | .116 | .730 | 70 | 749 | .183 | .078 | .054 | .563 | 70 | 927 | .204 | .144 | .273 | .668 |
| 70 | 619 | .438 | .113 | .128 | .986 | 70 | 750 | .095 | .062 | .140 | .367 | 70 | 928 | .053 | .161 | .541 | .604 |
| 70 | 701 | .405 | .063 | .167 | .651 | 70 | 751 | .001 | .070 | .426 | .203 | 70 | 929 | .007 | .124 | .434 | .420 |
| 70 | 702 | .407 | .069 | .140 | .671 | 70 | 752 | .004 | .068 | .335 | .162 | 70 | 930 | .036 | .103 | .386 | .632 |
| 70 | 703 | .412 | .077 | .025 | .733 | 70 | 753 | .188 | .057 | .000 | .448 | 70 | 931 | .069 | .071 | .194 | .447 |
| 70 | 704 | .388 | .058 | .220 | .705 | 70 | 754 | .153 | .064 | .072 | .427 | 70 | 932 | .069 | .069 | .262 | .393 |
| 70 | 705 | .388 | .057 | .220 | .673 | 70 | 755 | .205 | .044 | .059 | .451 | 70 | 933 | .166 | .037 | .004 | .330 |
| 70 | 706 | .408 | .062 | .202 | .721 | 70 | 756 | .150 | .048 | .059 | .384 | 70 | 934 | .112 | .048 | .055 | .305 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 70 | 935 | - .161 | .050 | -.094 | -.420 | 80 | 131 | .403 | .240 | 1.099 | -.606 | 80 | 181 | -.042 | .101 | .413 | -.397 |
| 70 | 936 | -.220 | .034 | -.098 | -.371 | 80 | 132 | -.229 | .210 | .951 | -.850 | 80 | 182 | .161 | .139 | .704 | -.273 |
| 70 | 937 | -.122 | .054 | -.118 | -.403 | 80 | 133 | -.122 | .178 | .874 | -.910 | 80 | 183 | .379 | .195 | .940 | -.178 |
| 70 | 938 | -.128 | .052 | -.106 | -.369 | 80 | 134 | -.038 | .273 | 1.039 | -.975 | 80 | 184 | .451 | .217 | 1.045 | -.341 |
| 70 | 939 | -.184 | .076 | -.089 | -.593 | 80 | 135 | -.030 | .220 | .928 | -.980 | 80 | 185 | .492 | .234 | 1.253 | -.525 |
| 70 | 940 | -.151 | .055 | -.092 | -.410 | 80 | 136 | -.204 | .266 | 1.074 | -1.060 | 80 | 186 | .479 | .200 | 1.015 | -.409 |
| 70 | 941 | -.167 | .047 | -.070 | -.332 | 80 | 137 | -.418 | .127 | .037 | -1.143 | 80 | 187 | .445 | .180 | 1.010 | -.301 |
| 70 | 942 | -.258 | .098 | -.089 | -.737 | 80 | 138 | -1.158 | .285 | -.176 | -2.137 | 80 | 188 | .377 | .157 | .856 | -.290 |
| 70 | 943 | -.204 | .064 | -.026 | -.503 | 80 | 139 | -.626 | .160 | -.155 | -1.410 | 80 | 189 | .432 | .168 | 1.166 | -.479 |
| 70 | 944 | -.175 | .045 | -.084 | -.369 | 80 | 140 | -.113 | .167 | .635 | -.690 | 80 | 190 | .448 | .179 | .947 | -.299 |
| 70 | 945 | -.197 | .036 | -.072 | -.359 | 80 | 141 | -.068 | .155 | .900 | -.483 | 80 | 191 | .073 | .146 | .604 | -.600 |
| 70 | 946 | -.232 | .032 | -.093 | -.349 | 80 | 142 | -.257 | .174 | .730 | -.374 | 80 | 192 | .534 | .175 | .119 | -1.144 |
| 70 | 947 | -.212 | .030 | -.103 | -.344 | 80 | 143 | -.396 | .218 | 1.016 | -.267 | 80 | 193 | .786 | .222 | .025 | -1.581 |
| 70 | 948 | -.213 | .030 | -.089 | -.335 | 80 | 144 | -.477 | .229 | 1.153 | -.235 | 80 | 194 | -1.192 | .300 | -.284 | -2.755 |
| 70 | 949 | -.229 | .028 | -.120 | -.337 | 80 | 145 | -.466 | .236 | 1.139 | -.792 | 80 | 195 | -1.078 | .261 | -.161 | -2.188 |
| 70 | 950 | -.210 | .028 | -.076 | -.371 | 80 | 146 | -.370 | .223 | 1.072 | -1.098 | 80 | 196 | -.682 | .279 | -.041 | -1.698 |
| 70 | 951 | -.249 | .035 | -.111 | -.478 | 80 | 147 | -.200 | .161 | .868 | -.565 | 80 | 197 | -.366 | .106 | -.032 | -1.101 |
| 70 | 952 | -.231 | .039 | -.008 | -.376 | 80 | 148 | -.034 | .178 | .681 | -1.278 | 80 | 198 | -.378 | .062 | -.099 | -.731 |
| 70 | 953 | -.219 | .042 | -.006 | -.398 | 80 | 149 | -.175 | .196 | .903 | -.637 | 80 | 199 | -.332 | .058 | -.131 | -.719 |
| 70 | 954 | -.231 | .038 | -.033 | -.366 | 80 | 150 | -.274 | .209 | 1.043 | -.766 | 80 | 200 | -.332 | .091 | -.209 | -.554 |
| 80 | 101 | -.110 | .107 | -.323 | -.415 | 80 | 151 | -.255 | .208 | 1.015 | -.570 | 80 | 201 | -.065 | .096 | .614 | -.352 |
| 80 | 102 | .019 | .192 | -.886 | -.648 | 80 | 152 | -.192 | .147 | .574 | -.845 | 80 | 202 | .114 | .139 | .620 | -.385 |
| 80 | 103 | .126 | .195 | -.869 | -.527 | 80 | 153 | -.805 | .205 | 1.175 | -.501 | 80 | 203 | .386 | .159 | .917 | -.221 |
| 80 | 104 | .221 | .217 | -.830 | -.622 | 80 | 154 | -1.162 | .282 | -.039 | -2.093 | 80 | 204 | .453 | .178 | 1.013 | -.301 |
| 80 | 105 | .241 | .221 | 1.030 | -.587 | 80 | 155 | -.978 | .294 | -.194 | -1.907 | 80 | 205 | .467 | .194 | 1.232 | -.616 |
| 80 | 106 | .006 | .210 | -.695 | -.843 | 80 | 156 | -.388 | .061 | -.203 | -.644 | 80 | 206 | .462 | .168 | .968 | -.170 |
| 80 | 107 | .290 | .146 | -.435 | -.854 | 80 | 157 | -.344 | .042 | -.201 | -.483 | 80 | 207 | .427 | .160 | .866 | -.347 |
| 80 | 108 | -.124 | .185 | -.437 | -.731 | 80 | 158 | -.346 | .056 | -.129 | -.600 | 80 | 208 | .364 | .144 | .862 | -.329 |
| 80 | 109 | .037 | .196 | -.823 | -.731 | 80 | 159 | -.329 | .053 | -.133 | -.535 | 80 | 209 | .409 | .148 | .956 | -.221 |
| 80 | 110 | .065 | .218 | -.816 | -.648 | 80 | 160 | -.144 | .101 | -.378 | -.458 | 80 | 210 | .468 | .156 | .931 | -.198 |
| 80 | 111 | .099 | .183 | -.965 | -.613 | 80 | 161 | -.021 | .108 | -.450 | -.453 | 80 | 211 | .133 | .114 | .552 | -.329 |
| 80 | 112 | .157 | .194 | -.890 | -.585 | 80 | 162 | .181 | .140 | -.730 | -.318 | 80 | 212 | -.414 | .162 | .214 | -1.101 |
| 80 | 113 | .376 | .210 | 1.065 | -.529 | 80 | 163 | .361 | .206 | -.975 | -.287 | 80 | 213 | .552 | .121 | -.103 | -1.062 |
| 80 | 114 | .900 | .343 | -.365 | -2.042 | 80 | 164 | .479 | .224 | 1.050 | -.334 | 80 | 214 | -1.029 | .131 | -.669 | -1.586 |
| 80 | 115 | .831 | .168 | -.271 | -1.549 | 80 | 165 | .486 | .244 | 1.127 | -.521 | 80 | 215 | -1.040 | .230 | -.248 | -2.123 |
| 80 | 116 | .590 | .128 | -.146 | -1.054 | 80 | 166 | .470 | .223 | 1.122 | -.413 | 80 | 216 | -.640 | .262 | -.041 | -1.605 |
| 80 | 117 | .407 | .082 | -.099 | -.887 | 80 | 167 | .449 | .189 | 1.124 | -.355 | 80 | 217 | -.394 | .095 | -.089 | -.946 |
| 80 | 118 | .392 | .069 | -.137 | -.683 | 80 | 168 | .394 | .180 | .926 | -.528 | 80 | 218 | .344 | .058 | -.159 | -.691 |
| 80 | 119 | .389 | .071 | -.134 | -.666 | 80 | 169 | .432 | .194 | 1.010 | -.252 | 80 | 219 | .335 | .065 | -.150 | -.644 |
| 80 | 120 | .389 | .230 | 1.141 | -.557 | 80 | 170 | .467 | .195 | 1.057 | -.467 | 80 | 220 | .300 | .089 | -.147 | -.698 |
| 80 | 121 | .338 | .218 | 1.000 | -.532 | 80 | 171 | -.041 | .150 | .560 | -.731 | 80 | 221 | -.200 | .085 | -.284 | -.639 |
| 80 | 122 | .237 | .193 | -.858 | -.541 | 80 | 172 | -.600 | .218 | -.541 | -1.522 | 80 | 222 | .004 | .094 | .347 | -.282 |
| 80 | 123 | .213 | .171 | -.605 | -.836 | 80 | 173 | -.867 | .202 | -.026 | -1.755 | 80 | 223 | .183 | .133 | .652 | -.204 |
| 80 | 124 | .040 | .185 | -.700 | -.566 | 80 | 174 | -1.206 | .288 | -.264 | -2.436 | 80 | 224 | .292 | .140 | .963 | -.283 |
| 80 | 125 | .087 | .171 | -.656 | -.506 | 80 | 175 | -1.112 | .274 | -.145 | -2.037 | 80 | 225 | .305 | .153 | .873 | -.338 |
| 80 | 126 | .134 | .220 | -.907 | -.773 | 80 | 176 | -.549 | .206 | -.161 | -1.468 | 80 | 226 | .333 | .153 | 1.059 | -.251 |
| 80 | 127 | .547 | .231 | -.616 | -1.795 | 80 | 177 | -.372 | .076 | -.129 | -.941 | 80 | 227 | .312 | .146 | .793 | -.136 |
| 80 | 128 | -1.044 | .289 | -.239 | -1.981 | 80 | 178 | -.367 | .059 | -.133 | -.998 | 80 | 228 | .288 | .138 | .774 | -.179 |
| 80 | 129 | .580 | .141 | -.113 | -1.236 | 80 | 179 | -.382 | .061 | -.180 | -.661 | 80 | 229 | .330 | .144 | .827 | -.175 |
| 80 | 130 | .427 | .249 | 1.118 | -.490 | 80 | 180 | -.176 | .084 | -.177 | -.528 | 80 | 230 | .354 | .150 | .931 | -.138 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|
| 80 | 231 | .084 | .138 | .563 | -.407 | 80 | 281 | -.214 | .038 | -.095 | -.392 | 80 | 331 | -.275 | .032 | -.193 | -.406 |
| 80 | 232 | -.352 | .195 | .291 | -1.210 | 80 | 282 | -.016 | .087 | -.374 | -.206 | 80 | 332 | -.181 | .064 | -.105 | -.393 |
| 80 | 233 | -.956 | .148 | -.019 | -1.104 | 80 | 283 | -.036 | .102 | -.497 | -.304 | 80 | 333 | -.178 | .049 | -.049 | -.298 |
| 80 | 234 | -.554 | .231 | -.297 | -2.080 | 80 | 284 | -.008 | .077 | -.293 | -.213 | 80 | 334 | -.215 | .030 | -.115 | -.406 |
| 80 | 235 | -.935 | .261 | -.088 | -2.027 | 80 | 285 | -.008 | .069 | -.286 | -.186 | 80 | 335 | -.223 | .031 | -.107 | -.415 |
| 80 | 236 | -.487 | .230 | -.002 | -1.349 | 80 | 286 | -.053 | .082 | -.318 | -.559 | 80 | 336 | -.305 | .052 | -.173 | -.572 |
| 80 | 237 | -.275 | .078 | -.042 | -.935 | 80 | 287 | -.058 | .090 | -.305 | -.559 | 80 | 337 | -.256 | .030 | -.176 | -.403 |
| 80 | 238 | -.276 | .054 | -.044 | -.935 | 80 | 288 | -.099 | .098 | -.308 | -.689 | 80 | 338 | -.275 | .029 | -.181 | -.376 |
| 80 | 239 | -.300 | .057 | -.112 | -.694 | 80 | 289 | -.040 | .070 | -.298 | -.232 | 80 | 339 | -.257 | .028 | -.155 | -.385 |
| 80 | 240 | -.262 | .087 | -.067 | -.560 | 80 | 290 | -.033 | .072 | -.310 | -.274 | 80 | 340 | -.002 | .081 | -.298 | -.292 |
| 80 | 241 | -.213 | .092 | -.127 | -.533 | 80 | 291 | -.022 | .067 | -.298 | -.468 | 80 | 341 | -.015 | .072 | -.320 | -.241 |
| 80 | 242 | -.112 | .094 | -.261 | -.468 | 80 | 292 | -.047 | .077 | -.310 | -.468 | 80 | 342 | -.007 | .082 | -.398 | -.236 |
| 80 | 243 | -.043 | .109 | -.270 | -.415 | 80 | 293 | -.033 | .072 | -.239 | -.235 | 80 | 343 | -.033 | .087 | -.487 | -.216 |
| 80 | 244 | -.003 | .111 | -.395 | -.514 | 80 | 294 | -.011 | .077 | -.271 | -.286 | 80 | 344 | -.015 | .073 | -.374 | -.160 |
| 80 | 245 | -.013 | .128 | -.359 | -.604 | 80 | 295 | -.033 | .114 | -.386 | -.493 | 80 | 345 | -.015 | .079 | -.403 | -.282 |
| 80 | 246 | -.035 | .121 | -.594 | -.435 | 80 | 296 | -.033 | .080 | -.359 | -.606 | 80 | 346 | -.088 | .088 | -.259 | -.445 |
| 80 | 247 | -.038 | .122 | -.603 | -.334 | 80 | 297 | -.149 | .049 | -.114 | -.340 | 80 | 347 | -.043 | .108 | -.652 | -.167 |
| 80 | 248 | -.038 | .107 | -.478 | -.301 | 80 | 298 | -.245 | .035 | -.060 | -.389 | 80 | 348 | -.140 | .112 | -.693 | -.109 |
| 80 | 249 | -.055 | .126 | -.522 | -.329 | 80 | 299 | -.325 | .053 | -.198 | -.618 | 80 | 349 | -.117 | .107 | -.701 | -.126 |
| 80 | 250 | -.110 | .124 | -.610 | -.218 | 80 | 300 | -.199 | .064 | -.055 | -.444 | 80 | 350 | -.130 | .117 | -.679 | -.136 |
| 80 | 251 | -.003 | .126 | -.343 | -.561 | 80 | 301 | -.223 | .033 | -.110 | -.431 | 80 | 351 | -.129 | .112 | -.628 | -.160 |
| 80 | 252 | -.284 | .169 | -.282 | -.949 | 80 | 302 | -.233 | .035 | -.095 | -.434 | 80 | 352 | -.138 | .120 | -.676 | -.431 |
| 80 | 253 | -.406 | .140 | -.062 | -.981 | 80 | 303 | -.255 | .048 | -.090 | -.483 | 80 | 353 | -.170 | .139 | -.772 | -.126 |
| 80 | 254 | -.782 | .254 | -.018 | -1.925 | 80 | 304 | -.233 | .080 | -.013 | -.731 | 80 | 401 | -.076 | .301 | 1.054 | -.955 |
| 80 | 255 | -.623 | .248 | -.026 | -1.569 | 80 | 305 | -.209 | .085 | -.099 | -.886 | 80 | 402 | -.218 | .320 | -.779 | -1.306 |
| 80 | 256 | -.302 | .114 | -.024 | -1.011 | 80 | 306 | -.215 | .046 | -.003 | -.448 | 80 | 403 | -.339 | .257 | -.608 | -1.187 |
| 80 | 257 | -.247 | .058 | -.042 | -.530 | 80 | 307 | -.286 | .033 | -.159 | -.404 | 80 | 404 | -.083 | .225 | -.652 | -.946 |
| 80 | 258 | -.281 | .064 | -.088 | -.597 | 80 | 308 | -.282 | .034 | -.176 | -.495 | 80 | 405 | -.325 | .298 | -.579 | -1.409 |
| 80 | 259 | -.303 | .070 | -.130 | -.704 | 80 | 309 | -.282 | .031 | -.163 | -.509 | 80 | 406 | -.358 | .237 | -.713 | -1.164 |
| 80 | 260 | -.197 | .084 | -.117 | -.484 | 80 | 310 | -.181 | .069 | -.178 | -.424 | 80 | 407 | -.327 | .247 | -.418 | -1.113 |
| 80 | 261 | -.185 | .080 | -.094 | -.463 | 80 | 311 | -.167 | .058 | -.055 | -.385 | 80 | 408 | -.484 | .257 | -.345 | -1.373 |
| 80 | 262 | -.162 | .074 | -.113 | -.401 | 80 | 312 | -.233 | .037 | -.026 | -.402 | 80 | 409 | -.510 | .210 | -.120 | -1.205 |
| 80 | 263 | -.173 | .084 | -.141 | -.489 | 80 | 313 | -.222 | .032 | -.124 | -.434 | 80 | 410 | -.411 | .238 | -.441 | -1.150 |
| 80 | 264 | -.195 | .095 | -.150 | -.609 | 80 | 314 | -.227 | .033 | -.070 | -.458 | 80 | 411 | -.600 | .236 | -.229 | -1.421 |
| 80 | 265 | -.212 | .109 | -.259 | -.852 | 80 | 315 | -.317 | .090 | -.068 | -.687 | 80 | 412 | -.591 | .199 | -.034 | -1.289 |
| 80 | 266 | -.203 | .082 | -.062 | -.519 | 80 | 316 | -.274 | .082 | -.043 | -.682 | 80 | 413 | -.410 | .244 | -.418 | -1.171 |
| 80 | 267 | -.198 | .074 | -.098 | -.565 | 80 | 317 | -.284 | .037 | -.181 | -.456 | 80 | 414 | -.597 | .172 | -.007 | -1.250 |
| 80 | 268 | -.202 | .071 | -.043 | -.500 | 80 | 318 | -.304 | .043 | -.193 | -.529 | 80 | 415 | -.622 | .207 | -.195 | -1.398 |
| 80 | 269 | -.162 | .066 | -.080 | -.398 | 80 | 319 | -.270 | .030 | -.191 | -.402 | 80 | 416 | -.469 | .211 | -.389 | -1.173 |
| 80 | 270 | -.149 | .067 | -.157 | -.438 | 80 | 320 | -.255 | .027 | -.181 | -.367 | 80 | 417 | -.608 | .166 | -.068 | -1.351 |
| 80 | 271 | -.198 | .074 | -.071 | -.505 | 80 | 321 | -.259 | .025 | -.176 | -.353 | 80 | 418 | -.588 | .149 | -.151 | -1.104 |
| 80 | 272 | -.306 | .119 | -.046 | -.847 | 80 | 322 | -.179 | .045 | -.053 | -.294 | 80 | 419 | -.353 | .171 | -.374 | -1.094 |
| 80 | 273 | -.325 | .098 | -.040 | -.810 | 80 | 323 | -.222 | .030 | -.137 | -.333 | 80 | 420 | -.596 | .159 | -.023 | -1.124 |
| 80 | 274 | -.462 | .135 | -.051 | -1.208 | 80 | 324 | -.233 | .034 | -.124 | -.416 | 80 | 421 | -.596 | .138 | -.129 | -1.129 |
| 80 | 275 | -.377 | .131 | -.033 | -.884 | 80 | 325 | -.229 | .035 | -.090 | -.376 | 80 | 422 | -.265 | .119 | -.155 | -.880 |
| 80 | 276 | -.256 | .072 | -.019 | -.600 | 80 | 326 | -.222 | .064 | -.073 | -.586 | 80 | 423 | -.419 | .122 | -.038 | -.880 |
| 80 | 277 | -.237 | .054 | -.070 | -.507 | 80 | 327 | -.222 | .068 | -.110 | -.648 | 80 | 424 | -.459 | .113 | -.166 | -1.072 |
| 80 | 278 | -.262 | .062 | -.070 | -.665 | 80 | 328 | -.266 | .036 | -.129 | -.469 | 80 | 425 | -.225 | .064 | -.061 | -.527 |
| 80 | 279 | -.383 | .084 | -.173 | -.878 | 80 | 329 | -.337 | .057 | -.193 | -.586 | 80 | 426 | -.248 | .060 | -.067 | -.492 |
| 80 | 280 | -.244 | .046 | -.102 | -.493 | 80 | 330 | -.298 | .038 | -.156 | -.469 | 80 | 427 | -.311 | .070 | -.134 | -.667 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 80 | 428 | .212 | .033 | .102 | .360 | 80 | 511 | .351 | .065 | .166 | .602 | 80 | 561 | .446 | .082 | .213 | .840 |
| 80 | 429 | .210 | .031 | .102 | .328 | 80 | 512 | .353 | .062 | .156 | .591 | 80 | 562 | .431 | .078 | .206 | .815 |
| 80 | 430 | .211 | .036 | .065 | .404 | 80 | 513 | .357 | .064 | .186 | .634 | 80 | 563 | .433 | .082 | .220 | .789 |
| 80 | 431 | .202 | .056 | .065 | .611 | 80 | 514 | .363 | .074 | .152 | .714 | 80 | 564 | .377 | .103 | .096 | .989 |
| 80 | 432 | .178 | .043 | .045 | .397 | 80 | 515 | .369 | .085 | .104 | .788 | 80 | 565 | .366 | .100 | .121 | 1.113 |
| 80 | 433 | .198 | .044 | .019 | .594 | 80 | 516 | .380 | .104 | .063 | 1.030 | 80 | 566 | .365 | .086 | .188 | 1.060 |
| 80 | 434 | .209 | .044 | .041 | .467 | 80 | 517 | .384 | .114 | .083 | 1.080 | 80 | 567 | .372 | .056 | .005 | .658 |
| 80 | 435 | .204 | .040 | .009 | .325 | 80 | 518 | .387 | .102 | .115 | .067 | 80 | 568 | .438 | .074 | .245 | .787 |
| 80 | 436 | .197 | .047 | .016 | .383 | 80 | 519 | .382 | .065 | .166 | .662 | 80 | 569 | .490 | .097 | .261 | 1.028 |
| 80 | 437 | .209 | .040 | .038 | .351 | 80 | 520 | .357 | .061 | .163 | .616 | 80 | 570 | .487 | .097 | .257 | 1.129 |
| 80 | 438 | .231 | .039 | .067 | .378 | 80 | 521 | .357 | .056 | .193 | .582 | 80 | 571 | .474 | .090 | .250 | .895 |
| 80 | 439 | .249 | .036 | .122 | .401 | 80 | 522 | .365 | .057 | .200 | .575 | 80 | 572 | .470 | .092 | .222 | .893 |
| 80 | 440 | .244 | .035 | .122 | .364 | 80 | 523 | .374 | .061 | .177 | .600 | 80 | 573 | .334 | .048 | .225 | .576 |
| 80 | 441 | .218 | .034 | .075 | .404 | 80 | 524 | .380 | .083 | .145 | .833 | 80 | 574 | .446 | .085 | .215 | .889 |
| 80 | 442 | .209 | .034 | .099 | .338 | 80 | 525 | .371 | .094 | .086 | .966 | 80 | 575 | .391 | .063 | .206 | .692 |
| 80 | 443 | .202 | .033 | .109 | .346 | 80 | 526 | .376 | .110 | .038 | 1.250 | 80 | 576 | .305 | .070 | .127 | .788 |
| 80 | 444 | .185 | .034 | .085 | .347 | 80 | 527 | .382 | .108 | .070 | 1.330 | 80 | 577 | .287 | .052 | .146 | .576 |
| 80 | 445 | .176 | .036 | .048 | .343 | 80 | 528 | .361 | .064 | .138 | .772 | 80 | 578 | .288 | .044 | .164 | .524 |
| 80 | 446 | .178 | .040 | .003 | .366 | 80 | 529 | .346 | .057 | .168 | .586 | 80 | 579 | .333 | .047 | .201 | .571 |
| 80 | 447 | .185 | .049 | .045 | .299 | 80 | 530 | .338 | .053 | .134 | .591 | 80 | 580 | .296 | .043 | .164 | .490 |
| 80 | 448 | .144 | .137 | .942 | .211 | 80 | 531 | .346 | .052 | .159 | .573 | 80 | 581 | .319 | .044 | .174 | .527 |
| 80 | 449 | .143 | .124 | .647 | .175 | 80 | 532 | .374 | .062 | .191 | .612 | 80 | 582 | .328 | .047 | .080 | .566 |
| 80 | 450 | .062 | .067 | .235 | .319 | 80 | 533 | .376 | .077 | .104 | .559 | 80 | 583 | .361 | .067 | .136 | .722 |
| 80 | 451 | .173 | .098 | .137 | .792 | 80 | 534 | .369 | .108 | .088 | 1.508 | 80 | 584 | .440 | .090 | .188 | .917 |
| 80 | 452 | .163 | .068 | .042 | .650 | 80 | 535 | .355 | .088 | .079 | .934 | 80 | 585 | .484 | .135 | .176 | .265 |
| 80 | 453 | .152 | .056 | .052 | .387 | 80 | 536 | .367 | .090 | .102 | .996 | 80 | 586 | .487 | .123 | .220 | 1.129 |
| 80 | 454 | .202 | .055 | .020 | .511 | 80 | 537 | .349 | .066 | .136 | .746 | 80 | 587 | .250 | .031 | .129 | .393 |
| 80 | 455 | .174 | .050 | .017 | .374 | 80 | 538 | .342 | .056 | .169 | .645 | 80 | 588 | .265 | .031 | .161 | .591 |
| 80 | 456 | .238 | .051 | .090 | .469 | 80 | 539 | .328 | .051 | .145 | .538 | 80 | 589 | .282 | .033 | .161 | .440 |
| 80 | 457 | .164 | .140 | .880 | .149 | 80 | 540 | .337 | .049 | .131 | .534 | 80 | 590 | .283 | .034 | .169 | .482 |
| 80 | 458 | .152 | .134 | .773 | .126 | 80 | 541 | .365 | .056 | .127 | .580 | 80 | 591 | .302 | .040 | .176 | .499 |
| 80 | 459 | .099 | .083 | .477 | .210 | 80 | 542 | .384 | .069 | .191 | .721 | 80 | 592 | .264 | .041 | .122 | .485 |
| 80 | 460 | .203 | .128 | .291 | .741 | 80 | 543 | .357 | .064 | .170 | .687 | 80 | 593 | .262 | .036 | .144 | .460 |
| 80 | 461 | .232 | .047 | .059 | .469 | 80 | 544 | .350 | .074 | .131 | .744 | 80 | 594 | .278 | .041 | .166 | .499 |
| 80 | 462 | .266 | .038 | .156 | .494 | 80 | 545 | .349 | .073 | .129 | .769 | 80 | 595 | .309 | .051 | .178 | .527 |
| 80 | 463 | .265 | .033 | .130 | .433 | 80 | 546 | .349 | .074 | .136 | .854 | 80 | 596 | .299 | .046 | .161 | .566 |
| 80 | 464 | .284 | .029 | .174 | .384 | 80 | 547 | .348 | .071 | .140 | .780 | 80 | 597 | .340 | .071 | .023 | .677 |
| 80 | 465 | .286 | .028 | .183 | .389 | 80 | 548 | .339 | .071 | .087 | .911 | 80 | 598 | .518 | .146 | .198 | 1.430 |
| 80 | 466 | .272 | .030 | .171 | .433 | 80 | 549 | .346 | .056 | .133 | .613 | 80 | 599 | .556 | .190 | .222 | 1.694 |
| 80 | 467 | .271 | .031 | .178 | .430 | 80 | 550 | .382 | .054 | .169 | .656 | 80 | 600 | .254 | .029 | .156 | .388 |
| 80 | 501 | .353 | .080 | .699 | .927 | 80 | 551 | .400 | .064 | .227 | .702 | 80 | 601 | .258 | .028 | .176 | .371 |
| 80 | 502 | .343 | .069 | .111 | .639 | 80 | 552 | .374 | .067 | .174 | .677 | 80 | 602 | .261 | .029 | .171 | .371 |
| 80 | 503 | .354 | .071 | .095 | .641 | 80 | 553 | .368 | .073 | .151 | .920 | 80 | 603 | .273 | .035 | .137 | .450 |
| 80 | 504 | .353 | .074 | .136 | .790 | 80 | 554 | .377 | .080 | .128 | .778 | 80 | 604 | .256 | .033 | .127 | .411 |
| 80 | 505 | .353 | .089 | .056 | .957 | 80 | 555 | .353 | .077 | .121 | .893 | 80 | 605 | .283 | .040 | .129 | .435 |
| 80 | 506 | .353 | .107 | .004 | 1.277 | 80 | 556 | .358 | .083 | .121 | .842 | 80 | 606 | .282 | .041 | .110 | .425 |
| 80 | 507 | .402 | .122 | .049 | 1.108 | 80 | 557 | .362 | .089 | .144 | 1.186 | 80 | 607 | .261 | .029 | .183 | .391 |
| 80 | 508 | .417 | .121 | .072 | 1.031 | 80 | 558 | .364 | .056 | .110 | .596 | 80 | 608 | .260 | .032 | .161 | .389 |
| 80 | 509 | .416 | .128 | .074 | 1.471 | 80 | 559 | .433 | .067 | .211 | .782 | 80 | 609 | .262 | .034 | .159 | .472 |
| 80 | 510 | .357 | .069 | .152 | .838 | 80 | 560 | .466 | .078 | .282 | .879 | 80 | 610 | .260 | .031 | .156 | .425 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 80 | 611 | 263 | 029 | 171 | 369 | 80 | 742 | 262 | 029 | 181 | 421 | 80 | 920 | 031 | 109 | 573 | 232 |
| 80 | 612 | 272 | 029 | 191 | 423 | 80 | 743 | 268 | 029 | 186 | 391 | 80 | 921 | 751 | 242 | 141 | 325 |
| 80 | 613 | 279 | 039 | 095 | 442 | 80 | 744 | 272 | 031 | 181 | 406 | 80 | 922 | 659 | 278 | 275 | 559 |
| 80 | 614 | 275 | 036 | 137 | 467 | 80 | 745 | 260 | 029 | 176 | 398 | 80 | 923 | 618 | 144 | 214 | 512 |
| 80 | 615 | 293 | 041 | 137 | 496 | 80 | 746 | 258 | 029 | 173 | 381 | 80 | 924 | 615 | 159 | 021 | 353 |
| 80 | 616 | 299 | 039 | 139 | 450 | 80 | 747 | 255 | 031 | 159 | 423 | 80 | 925 | 073 | 073 | 337 | 307 |
| 80 | 617 | 329 | 078 | 032 | 666 | 80 | 748 | 205 | 068 | 017 | 609 | 80 | 926 | 015 | 112 | 495 | 322 |
| 80 | 618 | 349 | 081 | 154 | 866 | 80 | 749 | 223 | 090 | 157 | 743 | 80 | 927 | 168 | 185 | 547 | 837 |
| 80 | 619 | 485 | 128 | 176 | 087 | 80 | 750 | 156 | 067 | 088 | 460 | 80 | 928 | 048 | 231 | 909 | 866 |
| 80 | 701 | 378 | 071 | 093 | 743 | 80 | 751 | 028 | 079 | 386 | 257 | 80 | 929 | 019 | 183 | 845 | 921 |
| 80 | 702 | 382 | 081 | 110 | 707 | 80 | 752 | 012 | 075 | 455 | 240 | 80 | 930 | 022 | 119 | 505 | 621 |
| 80 | 703 | 381 | 087 | 023 | 702 | 80 | 753 | 224 | 062 | 017 | 311 | 80 | 931 | 111 | 086 | 225 | 514 |
| 80 | 704 | 379 | 069 | 149 | 707 | 80 | 754 | 212 | 073 | 064 | 615 | 80 | 932 | 088 | 083 | 466 | 441 |
| 80 | 705 | 392 | 077 | 130 | 741 | 80 | 755 | 227 | 047 | 064 | 438 | 80 | 933 | 176 | 042 | 011 | 378 |
| 80 | 706 | 399 | 077 | 146 | 716 | 80 | 756 | 169 | 049 | 002 | 406 | 80 | 934 | 131 | 049 | 018 | 409 |
| 80 | 707 | 399 | 069 | 190 | 755 | 80 | 757 | 216 | 041 | 093 | 484 | 80 | 935 | 183 | 059 | 094 | 499 |
| 80 | 708 | 391 | 072 | 135 | 748 | 80 | 758 | 006 | 090 | 452 | 230 | 80 | 936 | 228 | 038 | 076 | 407 |
| 80 | 709 | 394 | 075 | 089 | 704 | 80 | 759 | 104 | 116 | 336 | 152 | 80 | 937 | 155 | 058 | 099 | 446 |
| 80 | 710 | 394 | 073 | 164 | 758 | 80 | 760 | 050 | 091 | 576 | 161 | 80 | 938 | 161 | 060 | 101 | 439 |
| 80 | 711 | 377 | 075 | 117 | 840 | 80 | 761 | 031 | 087 | 581 | 135 | 80 | 939 | 255 | 089 | 089 | 694 |
| 80 | 712 | 395 | 082 | 110 | 762 | 80 | 762 | 230 | 036 | 103 | 417 | 80 | 940 | 178 | 061 | 118 | 519 |
| 80 | 713 | 373 | 071 | 124 | 711 | 80 | 763 | 224 | 038 | 084 | 395 | 80 | 941 | 197 | 052 | 225 | 407 |
| 80 | 714 | 389 | 074 | 158 | 773 | 80 | 764 | 262 | 052 | 122 | 538 | 80 | 942 | 310 | 106 | 011 | 879 |
| 80 | 715 | 392 | 075 | 034 | 746 | 80 | 765 | 225 | 037 | 122 | 360 | 80 | 943 | 213 | 073 | 028 | 377 |
| 80 | 716 | 390 | 086 | 137 | 966 | 80 | 766 | 294 | 032 | 189 | 468 | 80 | 944 | 204 | 044 | 011 | 380 |
| 80 | 717 | 378 | 083 | 130 | 042 | 80 | 767 | 237 | 041 | 105 | 436 | 80 | 945 | 203 | 044 | 047 | 422 |
| 80 | 718 | 397 | 083 | 119 | 026 | 80 | 901 | 264 | 053 | 011 | 341 | 80 | 946 | 246 | 030 | 139 | 380 |
| 80 | 719 | 466 | 113 | 240 | 016 | 80 | 902 | 291 | 043 | 122 | 468 | 80 | 947 | 212 | 040 | 069 | 385 |
| 80 | 720 | 440 | 112 | 171 | 263 | 80 | 903 | 448 | 061 | 244 | 670 | 80 | 948 | 221 | 035 | 101 | 392 |
| 80 | 721 | 443 | 101 | 120 | 012 | 80 | 904 | 279 | 036 | 169 | 436 | 80 | 949 | 242 | 032 | 142 | 368 |
| 80 | 722 | 443 | 104 | 220 | 156 | 80 | 905 | 270 | 033 | 171 | 417 | 80 | 950 | 222 | 029 | 118 | 329 |
| 80 | 723 | 428 | 105 | 166 | 180 | 80 | 901 | 461 | 204 | 175 | 1 | 80 | 951 | 259 | 034 | 125 | 446 |
| 80 | 724 | 403 | 099 | 090 | 890 | 80 | 902 | 307 | 119 | 197 | 855 | 80 | 952 | 251 | 035 | 120 | 400 |
| 80 | 725 | 383 | 082 | 176 | 894 | 80 | 903 | 289 | 118 | 163 | 748 | 80 | 953 | 243 | 037 | 076 | 439 |
| 80 | 726 | 293 | 054 | 024 | 545 | 80 | 904 | 401 | 104 | 068 | 859 | 80 | 954 | 249 | 034 | 115 | 380 |
| 80 | 727 | 258 | 056 | 037 | 572 | 80 | 905 | 352 | 123 | 104 | 816 | 80 | 101 | 092 | 152 | 583 | 280 |
| 80 | 728 | 266 | 029 | 174 | 396 | 80 | 906 | 613 | 111 | 111 | 521 | 90 | 102 | 167 | 251 | 073 | 598 |
| 80 | 729 | 269 | 029 | 179 | 433 | 80 | 907 | 396 | 130 | 016 | 987 | 90 | 103 | 253 | 266 | 159 | 475 |
| 80 | 730 | 264 | 031 | 171 | 589 | 80 | 908 | 546 | 141 | 029 | 1062 | 90 | 104 | 269 | 263 | 069 | 507 |
| 80 | 731 | 252 | 027 | 169 | 384 | 80 | 909 | 444 | 138 | 016 | 894 | 90 | 105 | 234 | 254 | 050 | 607 |
| 80 | 732 | 250 | 025 | 161 | 374 | 80 | 910 | 641 | 177 | 103 | 371 | 90 | 106 | 134 | 204 | 572 | 849 |
| 80 | 733 | 253 | 027 | 161 | 389 | 80 | 911 | 534 | 199 | 030 | 371 | 90 | 107 | 200 | 130 | 328 | 784 |
| 80 | 734 | 253 | 027 | 159 | 369 | 80 | 912 | 647 | 145 | 187 | 164 | 90 | 108 | 088 | 148 | 421 | 883 |
| 80 | 735 | 253 | 027 | 186 | 367 | 80 | 913 | 167 | 167 | 262 | 302 | 90 | 109 | 036 | 166 | 632 | 830 |
| 80 | 736 | 271 | 030 | 176 | 396 | 80 | 914 | 047 | 093 | 422 | 293 | 90 | 110 | 091 | 240 | 952 | 630 |
| 80 | 737 | 257 | 028 | 159 | 364 | 80 | 915 | 719 | 241 | 118 | 459 | 90 | 111 | 089 | 214 | 017 | 528 |
| 80 | 738 | 255 | 030 | 134 | 367 | 80 | 916 | 675 | 151 | 089 | 1 | 90 | 112 | 188 | 249 | 173 | 333 |
| 80 | 739 | 242 | 027 | 144 | 374 | 80 | 917 | 163 | 049 | 199 | 230 | 90 | 113 | 204 | 252 | 927 | 579 |
| 80 | 740 | 262 | 027 | 178 | 379 | 80 | 918 | 190 | 046 | 072 | 356 | 90 | 114 | 984 | 391 | 214 | 341 |
| 80 | 741 | 261 | 027 | 178 | 401 | 80 | 919 | 143 | 143 | 456 | 730 | 90 | 115 | 615 | 208 | 203 | 675 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 90 | 116 | -.599 | .168 | -.141 | -1.485 | 90 | 166 | .125 | .221 | .863 | -.956 | 90 | 216 | -.460 | .139 | -.013 | -1.207 |
| 90 | 117 | -.361 | .096 | -.129 | -.907 | 90 | 167 | .132 | .196 | .975 | -.555 | 90 | 217 | -.316 | .060 | -.072 | -.660 |
| 90 | 118 | -.332 | .078 | -.034 | -.904 | 90 | 168 | .093 | .172 | .793 | -.690 | 90 | 218 | -.305 | .045 | -.063 | -.501 |
| 90 | 119 | -.348 | .073 | -.117 | -.825 | 90 | 169 | .147 | .193 | .865 | -.572 | 90 | 219 | -.310 | .055 | -.120 | -.592 |
| 90 | 120 | -.285 | .247 | 1.154 | -.370 | 90 | 170 | .188 | .199 | .954 | -.429 | 90 | 220 | -.232 | .074 | -.021 | -.479 |
| 90 | 121 | -.225 | .231 | 1.078 | -.514 | 90 | 171 | -.162 | .199 | .599 | -.926 | 90 | 221 | -.177 | .067 | -.087 | -.454 |
| 90 | 122 | -.008 | .207 | 1.621 | -.681 | 90 | 172 | -.539 | .244 | .317 | -1.348 | 90 | 222 | -.070 | .066 | -.286 | -.315 |
| 90 | 123 | -.140 | .133 | 1.351 | -.644 | 90 | 173 | -.771 | .215 | .322 | -1.784 | 90 | 223 | -.018 | .096 | -.461 | -.348 |
| 90 | 124 | -.017 | .172 | 1.667 | -.647 | 90 | 174 | -1.076 | .306 | -.371 | -2.661 | 90 | 224 | .061 | .111 | -.588 | -.300 |
| 90 | 125 | -.162 | .248 | 1.031 | -.607 | 90 | 175 | -.836 | .250 | -.219 | -1.873 | 90 | 225 | .072 | .132 | -.662 | -.444 |
| 90 | 126 | -.143 | .260 | 1.136 | -.865 | 90 | 176 | -.429 | .095 | -.201 | -1.215 | 90 | 226 | 1.024 | .133 | -.714 | -.304 |
| 90 | 127 | -.825 | .447 | 1.576 | -2.466 | 90 | 177 | -.345 | .060 | -.147 | -.665 | 90 | 227 | 1.044 | .123 | -.577 | -.304 |
| 90 | 128 | -1.014 | .314 | 1.173 | -2.114 | 90 | 178 | -.330 | .060 | -.142 | -.550 | 90 | 228 | 1.011 | .123 | -.616 | -.331 |
| 90 | 129 | -.698 | .215 | 1.076 | -1.475 | 90 | 179 | -.337 | .063 | -.135 | -.590 | 90 | 229 | 1.477 | .137 | -.760 | -.233 |
| 90 | 130 | -.252 | .239 | 1.045 | -1.435 | 90 | 180 | -.155 | .077 | -.165 | -.436 | 90 | 230 | 1.677 | .136 | -.742 | -.209 |
| 90 | 131 | -.204 | .238 | 1.055 | -.491 | 90 | 181 | -.083 | .080 | -.303 | -.345 | 90 | 231 | -.003 | .157 | -.629 | -.536 |
| 90 | 132 | -.012 | .238 | 1.741 | -.842 | 90 | 182 | -.025 | .096 | -.431 | -.310 | 90 | 232 | -.003 | .198 | -.531 | -1.105 |
| 90 | 133 | -.084 | .157 | 1.462 | -.660 | 90 | 183 | .139 | .152 | -.954 | -.303 | 90 | 233 | -.467 | .137 | -.027 | -1.005 |
| 90 | 134 | -.042 | .237 | 1.145 | -.897 | 90 | 184 | -.173 | .181 | -.891 | -.336 | 90 | 234 | -.809 | .211 | -.107 | -1.645 |
| 90 | 135 | -.155 | .285 | 1.066 | -.802 | 90 | 185 | -.186 | .200 | 1.026 | -.369 | 90 | 235 | -.692 | .235 | -.063 | -1.602 |
| 90 | 136 | -.168 | .274 | 1.136 | -.924 | 90 | 186 | -.189 | .210 | .921 | -.350 | 90 | 236 | -.333 | .102 | -.058 | -1.003 |
| 90 | 137 | -.681 | .275 | 1.008 | -1.756 | 90 | 187 | -.179 | .198 | .809 | -.380 | 90 | 237 | -.252 | .048 | -.072 | -.578 |
| 90 | 138 | -1.049 | .327 | 1.282 | -2.318 | 90 | 188 | -.139 | .170 | .788 | -.462 | 90 | 238 | -.233 | .040 | -.097 | -.532 |
| 90 | 139 | -.736 | .247 | 1.111 | -1.724 | 90 | 189 | -.183 | .193 | .877 | -.383 | 90 | 239 | -.234 | .043 | -.060 | -.437 |
| 90 | 140 | -.012 | .218 | 1.971 | -.640 | 90 | 190 | -.211 | .210 | 1.052 | -.439 | 90 | 240 | -.204 | .052 | -.018 | -.469 |
| 90 | 141 | -.129 | .201 | 1.899 | -.489 | 90 | 191 | -.040 | .191 | .679 | -.674 | 90 | 241 | -.177 | .050 | -.020 | -.419 |
| 90 | 142 | -.221 | .206 | 1.925 | -.352 | 90 | 192 | -.457 | .187 | -.268 | -1.169 | 90 | 242 | -.110 | .054 | -.150 | -.303 |
| 90 | 143 | -.293 | .216 | 1.050 | -.347 | 90 | 193 | -.692 | .183 | -.112 | -1.642 | 90 | 243 | -.050 | .065 | -.212 | -.305 |
| 90 | 144 | -.278 | .224 | 1.941 | -.326 | 90 | 194 | -1.123 | .329 | -.297 | -2.358 | 90 | 244 | -.023 | .095 | -.365 | -.338 |
| 90 | 145 | -.201 | .218 | 1.959 | -.463 | 90 | 195 | -.865 | .271 | -.203 | -2.273 | 90 | 245 | -.025 | .112 | -.754 | -.354 |
| 90 | 146 | -.045 | .252 | 1.850 | -.895 | 90 | 196 | -.457 | .142 | -.116 | -1.224 | 90 | 246 | -.024 | .113 | -.603 | -.296 |
| 90 | 147 | -.013 | .177 | 1.560 | -.702 | 90 | 197 | -.315 | .059 | -.093 | -.623 | 90 | 247 | -.048 | .120 | -.617 | -.308 |
| 90 | 148 | -.072 | .171 | 1.468 | -.939 | 90 | 198 | -.287 | .048 | -.116 | -.550 | 90 | 248 | -.048 | .110 | -.508 | -.285 |
| 90 | 149 | -.087 | .237 | 1.914 | -.816 | 90 | 199 | -.280 | .049 | -.123 | -.547 | 90 | 249 | -.077 | .114 | -.598 | -.234 |
| 90 | 150 | -.210 | .255 | 1.054 | -.614 | 90 | 200 | -.160 | .083 | -.214 | -.488 | 90 | 250 | -.089 | .124 | -.697 | -.354 |
| 90 | 151 | -.157 | .210 | 1.759 | -.528 | 90 | 201 | -.096 | .082 | -.304 | -.355 | 90 | 251 | -.004 | .147 | -.635 | -.435 |
| 90 | 152 | -.297 | .235 | 1.485 | -1.404 | 90 | 202 | -.021 | .097 | -.441 | -.324 | 90 | 252 | -.219 | .171 | -.439 | -.720 |
| 90 | 153 | -.792 | .257 | 1.014 | -1.919 | 90 | 203 | -.132 | .138 | -.620 | -.311 | 90 | 253 | -.344 | .125 | -.184 | -.600 |
| 90 | 154 | -.052 | .311 | 1.266 | -.374 | 90 | 204 | -.197 | .172 | -.951 | -.240 | 90 | 254 | -.661 | .201 | -.007 | -1.557 |
| 90 | 155 | -.729 | .211 | 1.194 | -1.560 | 90 | 205 | -.202 | .180 | -.806 | -.451 | 90 | 255 | -.480 | .163 | -.060 | -1.218 |
| 90 | 156 | -.419 | .087 | 1.169 | -.938 | 90 | 206 | -.222 | .184 | -.829 | -.382 | 90 | 256 | -.295 | .073 | -.049 | -.654 |
| 90 | 157 | -.339 | .056 | 1.187 | -.548 | 90 | 207 | -.203 | .165 | -.746 | -.261 | 90 | 257 | -.237 | .043 | -.053 | -.555 |
| 90 | 158 | -.320 | .057 | 1.124 | -.576 | 90 | 208 | -.164 | .152 | -.680 | -.233 | 90 | 258 | -.233 | .040 | -.107 | -.389 |
| 90 | 159 | -.312 | .061 | 1.133 | -.662 | 90 | 209 | -.235 | .164 | -.873 | -.233 | 90 | 259 | -.233 | .043 | -.111 | -.451 |
| 90 | 160 | -.108 | .111 | 1.424 | -.485 | 90 | 210 | -.257 | .175 | -.785 | -.200 | 90 | 260 | -.174 | .043 | -.003 | -.308 |
| 90 | 161 | -.042 | .104 | 1.609 | -.336 | 90 | 211 | -.045 | .146 | -.494 | -.520 | 90 | 261 | -.163 | .041 | -.041 | -.280 |
| 90 | 162 | -.062 | .107 | 1.553 | -.240 | 90 | 212 | -.336 | .174 | -.278 | -1.029 | 90 | 262 | -.122 | .042 | -.062 | -.402 |
| 90 | 163 | -.150 | .132 | 1.639 | -.238 | 90 | 213 | -.510 | .113 | -.013 | -.543 | 90 | 263 | -.093 | .053 | -.173 | -.340 |
| 90 | 164 | -.166 | .154 | 1.709 | -.315 | 90 | 214 | -.958 | .145 | -.518 | -.153 | 90 | 264 | -.074 | .068 | -.314 | -.340 |
| 90 | 165 | -.157 | .185 | 1.909 | -.385 | 90 | 215 | -.884 | .253 | -.106 | -2.342 | 90 | 265 | -.080 | .078 | -.346 | -.513 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 90 | 266 | -.041 | .086 | .314 | -.347 | 90 | 316 | -.249 | .077 | -.062 | -.556 | 90 | 413 | -.258 | .168 | -.295 | -1.010 |
| 90 | 266 | -.041 | .089 | .367 | -.375 | 90 | 317 | -.296 | .038 | -.161 | -.482 | 90 | 414 | -.391 | .149 | -.002 | -1.037 |
| 90 | 266 | -.032 | .085 | .342 | -.340 | 90 | 318 | -.319 | .041 | -.170 | -.485 | 90 | 415 | -.369 | .173 | -.059 | -1.100 |
| 90 | 266 | -.010 | .085 | .411 | -.248 | 90 | 319 | -.288 | .030 | -.195 | -.415 | 90 | 416 | -.393 | .144 | -.243 | -.969 |
| 90 | 270 | -.011 | .088 | .358 | -.275 | 90 | 320 | -.272 | .028 | -.188 | -.398 | 90 | 417 | -.382 | .138 | -.032 | -1.063 |
| 90 | 271 | -.073 | .099 | .517 | -.384 | 90 | 321 | -.268 | .027 | -.180 | -.408 | 90 | 418 | -.393 | .114 | -.070 | -.853 |
| 90 | 272 | -.214 | .118 | .302 | -.707 | 90 | 322 | -.119 | .060 | -.134 | -.292 | 90 | 419 | -.244 | .106 | -.120 | -.802 |
| 90 | 273 | -.283 | .086 | .099 | -.610 | 90 | 323 | -.248 | .042 | -.126 | -.485 | 90 | 420 | -.373 | .118 | -.017 | -.917 |
| 90 | 277 | -.493 | .137 | -.111 | -1.119 | 90 | 324 | -.231 | .033 | -.106 | -.445 | 90 | 421 | -.259 | .096 | -.166 | -.857 |
| 90 | 277 | -.389 | .119 | -.067 | -.968 | 90 | 325 | -.231 | .034 | -.104 | -.382 | 90 | 422 | -.259 | .083 | -.012 | -.637 |
| 90 | 277 | -.250 | .054 | -.065 | -.592 | 90 | 326 | -.249 | .058 | -.034 | -.503 | 90 | 423 | -.355 | .089 | -.010 | -.753 |
| 90 | 277 | -.220 | .034 | -.102 | -.372 | 90 | 327 | -.294 | .064 | -.015 | -.599 | 90 | 424 | -.353 | .074 | -.114 | -.706 |
| 90 | 278 | -.208 | .037 | -.084 | -.397 | 90 | 328 | -.273 | .035 | -.163 | -.434 | 90 | 425 | -.290 | .054 | -.027 | -.407 |
| 90 | 279 | -.327 | .058 | -.158 | -.638 | 90 | 329 | -.338 | .059 | -.168 | -.587 | 90 | 426 | -.290 | .048 | -.057 | -.535 |
| 90 | 280 | -.248 | .038 | -.121 | -.406 | 90 | 330 | -.310 | .039 | -.192 | -.481 | 90 | 427 | -.305 | .063 | -.132 | -.654 |
| 90 | 281 | -.228 | .034 | -.111 | -.361 | 90 | 331 | -.289 | .032 | -.178 | -.456 | 90 | 428 | -.195 | .031 | -.096 | -.314 |
| 90 | 282 | -.107 | .048 | -.094 | -.222 | 90 | 332 | -.107 | .059 | -.256 | -.298 | 90 | 429 | -.199 | .034 | -.096 | -.413 |
| 90 | 283 | -.047 | .064 | -.315 | -.235 | 90 | 333 | -.111 | .062 | -.192 | -.266 | 90 | 430 | -.208 | .045 | -.081 | -.487 |
| 90 | 283 | -.056 | .034 | -.288 | -.227 | 90 | 334 | -.229 | .034 | -.109 | -.424 | 90 | 431 | -.157 | .039 | -.062 | -.526 |
| 90 | 283 | -.067 | .053 | -.230 | -.203 | 90 | 335 | -.230 | .035 | -.096 | -.459 | 90 | 432 | -.141 | .027 | -.029 | -.295 |
| 90 | 283 | -.097 | .065 | -.179 | -.450 | 90 | 336 | -.315 | .058 | -.188 | -.601 | 90 | 433 | -.140 | .031 | -.014 | -.334 |
| 90 | 287 | -.104 | .062 | -.186 | -.443 | 90 | 337 | -.266 | .030 | -.099 | -.424 | 90 | 434 | -.144 | .037 | -.022 | -.312 |
| 90 | 288 | -.148 | .076 | -.208 | -.688 | 90 | 338 | -.289 | .031 | -.173 | -.446 | 90 | 435 | -.108 | .058 | -.132 | -.293 |
| 90 | 289 | -.091 | .059 | -.181 | -.279 | 90 | 339 | -.237 | .034 | -.115 | -.389 | 90 | 436 | -.191 | .053 | -.034 | -.347 |
| 90 | 290 | -.075 | .062 | -.282 | -.264 | 90 | 340 | -.068 | .058 | -.269 | -.230 | 90 | 437 | -.223 | .035 | -.030 | -.362 |
| 90 | 291 | -.080 | .059 | -.188 | -.279 | 90 | 341 | -.054 | .063 | -.216 | -.237 | 90 | 438 | -.246 | .031 | -.094 | -.364 |
| 90 | 292 | -.124 | .069 | -.191 | -.368 | 90 | 342 | -.053 | .064 | -.278 | -.242 | 90 | 439 | -.268 | .032 | -.159 | -.389 |
| 90 | 293 | -.116 | .070 | -.198 | -.344 | 90 | 343 | -.033 | .075 | -.358 | -.238 | 90 | 440 | -.261 | .030 | -.156 | -.382 |
| 90 | 294 | -.112 | .081 | -.216 | -.383 | 90 | 344 | -.040 | .060 | -.243 | -.197 | 90 | 441 | -.188 | .029 | -.091 | -.307 |
| 90 | 295 | -.187 | .115 | -.203 | -.569 | 90 | 345 | -.083 | .060 | -.231 | -.386 | 90 | 442 | -.182 | .028 | -.072 | -.322 |
| 90 | 296 | -.141 | .082 | -.186 | -.410 | 90 | 346 | -.114 | .069 | -.228 | -.420 | 90 | 443 | -.166 | .026 | -.055 | -.266 |
| 90 | 297 | -.199 | .044 | -.109 | -.341 | 90 | 347 | -.054 | .071 | -.413 | -.218 | 90 | 444 | -.147 | .024 | -.069 | -.253 |
| 90 | 298 | -.252 | .034 | -.123 | -.391 | 90 | 348 | -.043 | .092 | -.677 | -.144 | 90 | 445 | -.143 | .029 | -.036 | -.266 |
| 90 | 299 | -.298 | .039 | -.193 | -.542 | 90 | 349 | -.031 | .088 | -.571 | -.163 | 90 | 446 | -.144 | .044 | -.034 | -.600 |
| 90 | 300 | -.104 | .069 | -.129 | -.366 | 90 | 350 | -.043 | .094 | -.528 | -.180 | 90 | 447 | -.092 | .057 | -.267 | -.274 |
| 90 | 301 | -.213 | .038 | -.089 | -.349 | 90 | 351 | -.031 | .082 | -.375 | -.158 | 90 | 448 | -.053 | .125 | -.713 | -.233 |
| 90 | 302 | -.235 | .036 | -.126 | -.366 | 90 | 352 | -.032 | .085 | -.427 | -.199 | 90 | 449 | -.046 | .097 | -.535 | -.170 |
| 90 | 303 | -.225 | .049 | -.042 | -.470 | 90 | 353 | -.074 | .107 | -.617 | -.149 | 90 | 450 | -.055 | .065 | -.340 | -.305 |
| 90 | 304 | -.212 | .063 | -.042 | -.717 | 90 | 401 | -.231 | .251 | 1.021 | -.630 | 90 | 451 | -.118 | .084 | -.185 | -.722 |
| 90 | 305 | -.185 | .085 | -.154 | -.655 | 90 | 402 | -.142 | .263 | 0.838 | -1.076 | 90 | 452 | -.127 | .071 | -.173 | -.542 |
| 90 | 306 | -.218 | .047 | -.000 | -.413 | 90 | 403 | -.047 | .256 | 0.716 | -1.080 | 90 | 453 | -.121 | .057 | -.250 | -.336 |
| 90 | 307 | -.279 | .033 | -.180 | -.428 | 90 | 404 | -.051 | .186 | 0.561 | -.753 | 90 | 454 | -.164 | .059 | -.034 | -.456 |
| 90 | 309 | -.298 | .034 | -.178 | -.552 | 90 | 405 | -.018 | .245 | 0.831 | -1.105 | 90 | 455 | -.149 | .054 | -.125 | -.435 |
| 90 | 309 | -.267 | .031 | -.175 | -.415 | 90 | 406 | -.098 | .239 | 0.886 | -.985 | 90 | 456 | -.206 | .053 | -.101 | -.428 |
| 90 | 310 | -.105 | .068 | -.183 | -.344 | 90 | 407 | -.146 | .165 | 0.305 | -.926 | 90 | 457 | -.064 | .101 | -.550 | -.157 |
| 90 | 311 | -.112 | .066 | -.226 | -.324 | 90 | 408 | -.219 | .212 | 0.352 | -1.223 | 90 | 458 | -.086 | .192 | -.579 | -.154 |
| 90 | 312 | -.219 | .075 | -.077 | -.509 | 90 | 409 | -.290 | .196 | 0.432 | -1.135 | 90 | 459 | -.037 | .068 | -.358 | -.205 |
| 90 | 313 | -.231 | .036 | -.111 | -.381 | 90 | 410 | -.231 | .177 | 0.316 | -1.085 | 90 | 460 | -.160 | .095 | -.214 | -.597 |
| 90 | 314 | -.227 | .036 | -.116 | -.423 | 90 | 411 | -.350 | .205 | 0.193 | -1.414 | 90 | 461 | -.193 | .051 | -.060 | -.363 |
| 90 | 315 | -.232 | .074 | -.027 | -.552 | 90 | 412 | -.389 | .191 | 0.114 | -1.359 | 90 | 462 | -.234 | .032 | -.142 | -.433 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|
| 90 | 463 | .239 | .028 | .137 | -.363 | 90 | 546 | -.283 | .059 | -.115 | -.620 | 90 | 596 | -.293 | .044 | -.089 | -.533 |
| 90 | 464 | -.237 | .028 | -.152 | -.387 | 90 | 547 | -.275 | .054 | -.117 | -.594 | 90 | 597 | -.333 | .056 | -.132 | -.592 |
| 90 | 465 | -.244 | .028 | -.164 | -.390 | 90 | 548 | -.275 | .045 | -.139 | -.759 | 90 | 598 | -.404 | .107 | -.223 | -1.199 |
| 90 | 466 | -.245 | .028 | -.147 | -.368 | 90 | 549 | -.284 | .039 | -.153 | -.477 | 90 | 599 | -.375 | .090 | -.183 | -1.036 |
| 90 | 467 | -.242 | .028 | -.157 | -.402 | 90 | 550 | -.316 | .045 | -.167 | -.468 | 90 | 600 | -.253 | .023 | -.179 | -.350 |
| 90 | 501 | -.336 | .071 | -.126 | -.656 | 90 | 551 | -.328 | .060 | -.146 | -.672 | 90 | 601 | -.255 | .022 | -.184 | -.345 |
| 90 | 502 | -.331 | .064 | -.131 | -.633 | 90 | 552 | -.309 | .061 | -.142 | -.897 | 90 | 602 | -.257 | .022 | -.180 | -.360 |
| 90 | 503 | -.330 | .065 | -.145 | -.656 | 90 | 553 | -.303 | .037 | -.160 | -.642 | 90 | 603 | -.233 | .025 | -.161 | -.339 |
| 90 | 504 | -.333 | .068 | -.119 | -.615 | 90 | 554 | -.314 | .068 | -.146 | -.729 | 90 | 604 | -.251 | .028 | -.136 | -.335 |
| 90 | 505 | -.353 | .096 | -.044 | -1.015 | 90 | 555 | -.277 | .058 | -.080 | -.589 | 90 | 605 | -.279 | .031 | -.158 | -.394 |
| 90 | 506 | -.392 | .138 | -.013 | -1.077 | 90 | 556 | -.277 | .050 | -.128 | -.541 | 90 | 606 | -.278 | .028 | -.175 | -.372 |
| 90 | 507 | -.418 | .158 | -.024 | -1.291 | 90 | 557 | -.277 | .039 | -.151 | -.672 | 90 | 607 | -.261 | .026 | -.190 | -.370 |
| 90 | 508 | -.466 | .188 | -.035 | -1.476 | 90 | 558 | -.296 | .036 | -.185 | -.523 | 90 | 608 | -.257 | .027 | -.178 | -.375 |
| 90 | 509 | -.475 | .198 | -.076 | -1.223 | 90 | 559 | -.338 | .047 | -.195 | -.541 | 90 | 609 | -.264 | .031 | -.165 | -.429 |
| 90 | 510 | -.347 | .067 | -.138 | -.684 | 90 | 560 | -.342 | .049 | -.211 | -.624 | 90 | 610 | -.253 | .023 | -.180 | -.335 |
| 90 | 511 | -.341 | .060 | -.110 | -.544 | 90 | 561 | -.342 | .060 | -.199 | -.679 | 90 | 611 | -.257 | .023 | -.183 | -.340 |
| 90 | 512 | -.338 | .059 | -.129 | -.613 | 90 | 562 | -.333 | .060 | -.172 | -.665 | 90 | 612 | -.262 | .022 | -.197 | -.348 |
| 90 | 513 | -.348 | .068 | -.136 | -.889 | 90 | 563 | -.335 | .064 | -.181 | -.695 | 90 | 613 | -.264 | .025 | -.165 | -.397 |
| 90 | 514 | -.359 | .093 | -.108 | -.921 | 90 | 564 | -.285 | .058 | -.130 | -.617 | 90 | 614 | -.271 | .029 | -.160 | -.417 |
| 90 | 515 | -.382 | .123 | -.096 | -1.054 | 90 | 565 | -.273 | .051 | -.130 | -.557 | 90 | 615 | -.284 | .031 | -.165 | -.409 |
| 90 | 516 | -.427 | .154 | -.059 | -1.248 | 90 | 566 | -.273 | .038 | -.178 | -.610 | 90 | 616 | -.283 | .027 | -.190 | -.387 |
| 90 | 517 | -.428 | .158 | -.068 | -1.426 | 90 | 567 | -.293 | .035 | -.178 | -.433 | 90 | 617 | -.332 | .066 | -.153 | -.653 |
| 90 | 518 | -.459 | .177 | -.021 | -1.767 | 90 | 568 | -.329 | .043 | -.172 | -.511 | 90 | 618 | -.380 | .073 | -.207 | -.766 |
| 90 | 519 | -.343 | .070 | -.151 | -.944 | 90 | 569 | -.359 | .063 | -.158 | -.708 | 90 | 619 | -.403 | .092 | -.195 | -.867 |
| 90 | 520 | -.333 | .061 | -.151 | -.779 | 90 | 570 | -.358 | .061 | -.197 | -.727 | 90 | 701 | -.387 | .090 | -.123 | -.868 |
| 90 | 521 | -.332 | .051 | -.165 | -.544 | 90 | 571 | -.353 | .059 | -.206 | -.720 | 90 | 702 | -.377 | .083 | -.080 | -.718 |
| 90 | 522 | -.345 | .055 | -.167 | -.668 | 90 | 572 | -.357 | .062 | -.197 | -.676 | 90 | 703 | -.365 | .083 | -.029 | -.681 |
| 90 | 523 | -.362 | .074 | -.129 | -.752 | 90 | 573 | -.295 | .031 | -.221 | -.421 | 90 | 704 | -.365 | .073 | -.100 | -.713 |
| 90 | 524 | -.376 | .112 | -.129 | -.898 | 90 | 574 | -.344 | .051 | -.184 | -.592 | 90 | 705 | -.366 | .073 | -.139 | -.777 |
| 90 | 525 | -.405 | .156 | -.052 | -1.287 | 90 | 575 | -.322 | .040 | -.203 | -.528 | 90 | 706 | -.373 | .077 | -.119 | -.764 |
| 90 | 526 | -.424 | .171 | -.044 | -1.508 | 90 | 576 | -.284 | .046 | -.169 | -.644 | 90 | 707 | -.367 | .079 | -.137 | -.860 |
| 90 | 527 | -.444 | .186 | -.066 | -1.739 | 90 | 577 | -.280 | .043 | -.156 | -.540 | 90 | 708 | -.379 | .089 | -.112 | -1.020 |
| 90 | 528 | -.321 | .067 | -.110 | -.693 | 90 | 578 | -.280 | .032 | -.191 | -.424 | 90 | 709 | -.376 | .085 | -.107 | -.828 |
| 90 | 529 | -.307 | .060 | -.124 | -.691 | 90 | 579 | -.295 | .031 | -.203 | -.473 | 90 | 710 | -.343 | .065 | -.149 | -.734 |
| 90 | 530 | -.301 | .047 | -.167 | -.574 | 90 | 580 | -.271 | .027 | -.176 | -.404 | 90 | 711 | -.337 | .076 | -.091 | -.860 |
| 90 | 531 | -.318 | .047 | -.165 | -.565 | 90 | 581 | -.284 | .029 | -.186 | -.441 | 90 | 712 | -.350 | .087 | -.080 | -.995 |
| 90 | 532 | -.337 | .064 | -.122 | -.599 | 90 | 582 | -.290 | .035 | -.144 | -.471 | 90 | 713 | -.315 | .064 | -.137 | -.708 |
| 90 | 533 | -.354 | .099 | -.005 | -.912 | 90 | 583 | -.313 | .044 | -.169 | -.533 | 90 | 714 | -.313 | .060 | -.103 | -.862 |
| 90 | 534 | -.367 | .141 | -.008 | -1.253 | 90 | 584 | -.355 | .059 | -.208 | -.625 | 90 | 715 | -.325 | .077 | -.039 | -.736 |
| 90 | 535 | -.374 | .138 | -.008 | -1.383 | 90 | 585 | -.383 | .080 | -.206 | -.857 | 90 | 716 | -.309 | .064 | -.094 | -.768 |
| 90 | 536 | -.377 | .142 | -.037 | -1.504 | 90 | 586 | -.384 | .085 | -.211 | -.867 | 90 | 717 | -.303 | .062 | -.098 | -.803 |
| 90 | 537 | -.293 | .061 | -.122 | -.704 | 90 | 587 | -.251 | .024 | -.164 | -.350 | 90 | 718 | -.316 | .067 | -.084 | -.663 |
| 90 | 538 | -.288 | .055 | -.143 | -.714 | 90 | 588 | -.259 | .023 | -.176 | -.352 | 90 | 719 | -.329 | .067 | -.171 | -.802 |
| 90 | 539 | -.275 | .042 | -.133 | -.494 | 90 | 589 | -.262 | .024 | -.166 | -.355 | 90 | 720 | -.336 | .068 | -.126 | -.754 |
| 90 | 540 | -.288 | .040 | -.106 | -.435 | 90 | 590 | -.267 | .030 | -.109 | -.374 | 90 | 721 | -.344 | .068 | -.158 | -.769 |
| 90 | 541 | -.318 | .053 | -.135 | -.499 | 90 | 591 | -.280 | .028 | -.181 | -.394 | 90 | 722 | -.345 | .068 | -.192 | -.683 |
| 90 | 542 | -.325 | .066 | -.149 | -.759 | 90 | 592 | -.267 | .035 | -.156 | -.516 | 90 | 723 | -.346 | .077 | -.151 | -.954 |
| 90 | 543 | -.331 | .085 | -.101 | -1.255 | 90 | 593 | -.268 | .032 | -.156 | -.469 | 90 | 724 | -.340 | .067 | -.128 | -.744 |
| 90 | 544 | -.319 | .086 | -.071 | -.965 | 90 | 594 | -.269 | .028 | -.186 | -.384 | 90 | 725 | -.337 | .062 | -.200 | -.702 |
| 90 | 545 | -.323 | .088 | -.094 | -.949 | 90 | 595 | -.277 | .030 | -.206 | -.431 | 90 | 726 | -.282 | .044 | -.084 | -.515 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|--------|-------|----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 90 | 727 | -.258 | .046 | -.052 | -.439 | 90 | 905 | -.200 | .105 | -.223 | -.517 | 100 | 101 | -.110 | .111 | .441 | -.587 |
| 90 | 728 | -.259 | .029 | -.171 | -.421 | 90 | 906 | -.510 | .174 | -.196 | -1.198 | 100 | 102 | -.083 | .183 | .634 | -.624 |
| 90 | 729 | -.256 | .028 | -.168 | -.422 | 90 | 907 | -.277 | .085 | -.036 | -.892 | 100 | 103 | -.067 | .180 | .854 | -.610 |
| 90 | 730 | -.250 | .027 | -.166 | -.399 | 90 | 908 | -.357 | .095 | -.059 | -.774 | 100 | 104 | -.057 | .213 | .905 | -.637 |
| 90 | 731 | -.234 | .027 | -.145 | -.342 | 90 | 909 | -.262 | .098 | -.089 | -.701 | 100 | 105 | -.071 | .219 | .960 | -.596 |
| 90 | 732 | -.229 | .025 | -.152 | -.313 | 90 | 910 | -.384 | .122 | -.097 | -1.137 | 100 | 106 | -.197 | .185 | .471 | -.899 |
| 90 | 733 | -.233 | .028 | -.140 | -.349 | 90 | 911 | -.325 | .144 | -.046 | -.942 | 100 | 107 | -.247 | .150 | .264 | -.816 |
| 90 | 734 | -.232 | .028 | -.142 | -.361 | 90 | 912 | -.531 | .170 | -.122 | -1.175 | 100 | 108 | -.192 | .143 | .365 | -.706 |
| 90 | 735 | -.258 | .028 | -.178 | -.426 | 90 | 913 | -.132 | .043 | -.107 | -.316 | 100 | 109 | -.165 | .163 | .535 | -.692 |
| 90 | 736 | -.269 | .031 | -.178 | -.387 | 90 | 914 | -.089 | .057 | -.178 | -.264 | 100 | 110 | -.087 | .203 | .859 | -.800 |
| 90 | 737 | -.249 | .029 | -.137 | -.351 | 90 | 915 | -.314 | .232 | -.270 | -1.178 | 100 | 111 | -.072 | .204 | .976 | -.722 |
| 90 | 738 | -.242 | .032 | -.053 | -.346 | 90 | 916 | -.687 | .198 | -.063 | -1.475 | 100 | 112 | -.017 | .241 | .877 | -.649 |
| 90 | 739 | -.222 | .030 | -.082 | -.334 | 90 | 917 | -.190 | .040 | -.078 | -.324 | 100 | 113 | -.004 | .232 | .808 | -.819 |
| 90 | 740 | -.235 | .027 | -.147 | -.368 | 90 | 918 | -.198 | .039 | -.048 | -.321 | 100 | 114 | -.557 | .311 | .276 | -2.072 |
| 90 | 741 | -.238 | .026 | -.159 | -.344 | 90 | 919 | -.061 | .170 | -.643 | -.540 | 100 | 115 | -.523 | .182 | .149 | -1.250 |
| 90 | 742 | -.237 | .026 | -.154 | -.378 | 90 | 920 | -.026 | .063 | -.233 | -.197 | 100 | 116 | -.413 | .145 | .036 | -1.197 |
| 90 | 743 | -.271 | .029 | -.180 | -.404 | 90 | 921 | -.587 | .200 | -.105 | -1.484 | 100 | 117 | -.292 | .102 | -.022 | -.913 |
| 90 | 744 | -.271 | .028 | -.185 | -.380 | 90 | 922 | -.288 | .226 | -.302 | -1.098 | 100 | 118 | -.271 | .085 | .013 | -.803 |
| 90 | 745 | -.261 | .027 | -.155 | -.375 | 90 | 923 | -.641 | .130 | -.199 | -1.278 | 100 | 119 | -.277 | .087 | -.027 | -.683 |
| 90 | 746 | -.258 | .027 | -.170 | -.375 | 90 | 924 | -.588 | .169 | -.038 | -1.321 | 100 | 120 | -.023 | .194 | .868 | -.516 |
| 90 | 747 | -.234 | .032 | -.145 | -.419 | 90 | 925 | -.150 | .066 | -.186 | -.381 | 100 | 121 | -.067 | .212 | .843 | -.637 |
| 90 | 748 | -.171 | .054 | -.021 | -.498 | 90 | 926 | -.024 | .074 | -.341 | -.302 | 100 | 122 | -.127 | .196 | .613 | -.952 |
| 90 | 749 | -.186 | .066 | -.050 | -.484 | 90 | 927 | -.139 | .166 | -.495 | -.864 | 100 | 123 | -.228 | .168 | .324 | -.910 |
| 90 | 750 | -.150 | .055 | -.079 | -.414 | 90 | 928 | -.073 | .254 | 1.001 | -.892 | 100 | 124 | -.155 | .185 | .492 | -.920 |
| 90 | 751 | -.060 | .057 | -.274 | -.231 | 90 | 929 | -.085 | .232 | 1.029 | -.624 | 100 | 125 | -.065 | .230 | .808 | -.787 |
| 90 | 752 | -.054 | .055 | -.283 | -.262 | 90 | 930 | -.198 | .127 | -.451 | -.577 | 100 | 126 | -.048 | .275 | .884 | -.940 |
| 90 | 753 | -.181 | .054 | -.161 | -.428 | 90 | 931 | -.096 | .059 | -.210 | -.403 | 100 | 127 | -.529 | .346 | .471 | -1.994 |
| 90 | 754 | -.228 | .064 | -.020 | -.597 | 90 | 932 | -.137 | .082 | -.303 | -.529 | 100 | 128 | -.598 | .259 | 1.03 | -2.088 |
| 90 | 755 | -.177 | .042 | -.009 | -.351 | 90 | 933 | -.132 | .039 | -.047 | -.297 | 100 | 129 | -.471 | .182 | .017 | -1.466 |
| 90 | 756 | -.151 | .041 | -.026 | -.296 | 90 | 934 | -.112 | .049 | -.131 | -.307 | 100 | 130 | -.015 | .199 | .905 | -.530 |
| 90 | 757 | -.171 | .037 | -.003 | -.320 | 90 | 935 | -.189 | .051 | -.078 | -.391 | 100 | 131 | -.059 | .220 | .891 | -.665 |
| 90 | 758 | -.062 | .063 | -.264 | -.380 | 90 | 936 | -.218 | .034 | -.653 | -.381 | 100 | 132 | -.159 | .219 | .733 | -.066 |
| 90 | 759 | -.009 | .092 | -.504 | -.218 | 90 | 937 | -.136 | .054 | -.116 | -.331 | 100 | 133 | -.211 | .198 | .336 | -.956 |
| 90 | 760 | -.028 | .062 | -.310 | -.156 | 90 | 938 | -.143 | .066 | -.138 | -.458 | 100 | 134 | -.179 | .232 | .682 | -1.369 |
| 90 | 761 | -.024 | .065 | -.355 | -.171 | 90 | 939 | -.187 | .070 | -.147 | -.709 | 100 | 135 | -.126 | .276 | .999 | -1.034 |
| 90 | 762 | -.198 | .028 | -.113 | -.302 | 90 | 940 | -.135 | .071 | -.174 | -.462 | 100 | 136 | -.027 | .288 | .912 | -1.013 |
| 90 | 763 | -.197 | .032 | -.104 | -.386 | 90 | 941 | -.150 | .048 | -.042 | -.357 | 100 | 137 | -.747 | .301 | .131 | -1.941 |
| 90 | 764 | -.217 | .036 | -.099 | -.491 | 90 | 942 | -.187 | .076 | -.037 | -.611 | 100 | 138 | -.694 | .271 | -.091 | -2.173 |
| 90 | 765 | -.203 | .033 | -.106 | -.338 | 90 | 943 | -.169 | .064 | -.071 | -.443 | 100 | 139 | -.512 | .202 | .064 | -1.847 |
| 90 | 766 | -.268 | .030 | -.171 | -.410 | 90 | 944 | -.186 | .051 | -.200 | -.410 | 100 | 140 | -.083 | .187 | .673 | -.640 |
| 90 | 767 | -.212 | .035 | -.104 | -.340 | 90 | 945 | -.154 | .037 | -.025 | -.343 | 100 | 141 | -.045 | .158 | .696 | -.575 |
| 90 | 801 | -.264 | .053 | -.085 | -.522 | 90 | 946 | -.235 | .031 | -.665 | -.381 | 100 | 142 | -.068 | .131 | .544 | -.431 |
| 90 | 802 | -.261 | .039 | -.120 | -.503 | 90 | 947 | -.177 | .048 | -.006 | -.431 | 100 | 143 | -.009 | .144 | .728 | -.461 |
| 90 | 803 | -.325 | .037 | -.230 | -.460 | 90 | 948 | -.179 | .040 | -.018 | -.328 | 100 | 144 | -.001 | .183 | .964 | -.493 |
| 90 | 804 | -.236 | .025 | -.147 | -.352 | 90 | 949 | -.196 | .038 | -.008 | -.381 | 100 | 145 | -.044 | .205 | .732 | -.768 |
| 90 | 805 | -.233 | .024 | -.163 | -.328 | 90 | 950 | -.201 | .035 | -.100 | -.340 | 100 | 146 | -.109 | .207 | .645 | -1.050 |
| 90 | 901 | -.324 | .181 | -1.425 | -.425 | 90 | 951 | -.239 | .036 | -.087 | -.465 | 100 | 147 | -.145 | .182 | .570 | -.932 |
| 90 | 902 | -.213 | .086 | -.087 | -.581 | 90 | 952 | -.235 | .032 | -.046 | -.415 | 100 | 148 | -.196 | .179 | .439 | -1.321 |
| 90 | 903 | -.182 | .085 | -.184 | -.504 | 90 | 953 | -.231 | .040 | -.035 | -.436 | 100 | 149 | -.117 | .209 | .558 | -.890 |
| 90 | 904 | -.225 | .076 | -.009 | -.544 | 90 | 954 | -.240 | .032 | -.085 | -.386 | 100 | 150 | -.053 | .233 | 1.105 | -.708 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 100 | 151 | -.056 | .215 | .718 | -.760 | 100 | 201 | -.060 | .096 | .435 | -.529 | 100 | 251 | -.146 | .081 | .363 | -.519 |
| 100 | 152 | -.298 | .175 | .364 | -1.141 | 100 | 202 | -.038 | .083 | .355 | -.320 | 100 | 252 | -.231 | .095 | .242 | -.571 |
| 100 | 153 | -.559 | .194 | .002 | -1.485 | 100 | 203 | -.020 | .108 | .668 | -.284 | 100 | 253 | -.260 | .073 | .114 | -.523 |
| 100 | 154 | -.659 | .226 | -.203 | -1.939 | 100 | 204 | .034 | .134 | .795 | -.370 | 100 | 254 | -.345 | .097 | -.098 | -1.158 |
| 100 | 155 | -.536 | .178 | -.097 | -1.411 | 100 | 205 | .024 | .129 | .614 | -.629 | 100 | 255 | -.303 | .082 | -.021 | -.701 |
| 100 | 156 | -.345 | .091 | -.129 | -.888 | 100 | 206 | .004 | .144 | .507 | -.595 | 100 | 256 | -.233 | .057 | -.030 | -.523 |
| 100 | 157 | -.275 | .060 | -.092 | -.637 | 100 | 207 | -.020 | .119 | .471 | -.549 | 100 | 257 | -.192 | .038 | -.046 | -.473 |
| 100 | 158 | -.258 | .068 | -.007 | -.528 | 100 | 208 | -.034 | .104 | .385 | -.549 | 100 | 258 | -.179 | .034 | -.064 | -.322 |
| 100 | 159 | -.251 | .070 | -.062 | -.722 | 100 | 209 | -.082 | .125 | .532 | -.465 | 100 | 259 | -.180 | .037 | -.069 | -.439 |
| 100 | 160 | -.072 | .139 | .667 | -.627 | 100 | 210 | -.052 | .129 | .562 | -.329 | 100 | 260 | -.135 | .043 | -.050 | -.356 |
| 100 | 161 | -.047 | .120 | .551 | -.489 | 100 | 211 | -.075 | .111 | .417 | -.434 | 100 | 261 | -.130 | .037 | -.062 | -.293 |
| 100 | 162 | -.007 | .099 | .475 | -.367 | 100 | 212 | -.301 | .136 | -.471 | -.844 | 100 | 262 | -.119 | .032 | -.005 | -.270 |
| 100 | 163 | -.036 | .112 | .512 | -.337 | 100 | 213 | -.398 | .100 | -.028 | -.803 | 100 | 263 | -.111 | .033 | -.034 | -.235 |
| 100 | 164 | -.049 | .138 | .579 | -.374 | 100 | 214 | -.666 | .125 | -.395 | -1.145 | 100 | 264 | -.111 | .040 | -.094 | -.279 |
| 100 | 165 | -.033 | .162 | .770 | -.639 | 100 | 215 | -.625 | .182 | -.197 | -1.342 | 100 | 265 | -.117 | .042 | -.064 | -.356 |
| 100 | 166 | -.000 | .181 | .835 | -.828 | 100 | 216 | -.350 | .094 | -.120 | -1.124 | 100 | 266 | -.124 | .052 | -.224 | -.379 |
| 100 | 167 | -.008 | .155 | .627 | -.869 | 100 | 217 | -.259 | .047 | -.063 | -.499 | 100 | 267 | -.116 | .054 | -.210 | -.345 |
| 100 | 168 | -.032 | .131 | .554 | -.687 | 100 | 218 | -.253 | .040 | -.122 | -.429 | 100 | 268 | -.115 | .049 | -.173 | -.327 |
| 100 | 169 | -.001 | .157 | .604 | -.597 | 100 | 219 | -.258 | .049 | -.091 | -.511 | 100 | 269 | -.108 | .051 | -.185 | -.283 |
| 100 | 170 | -.039 | .155 | .667 | -.669 | 100 | 220 | -.147 | .084 | .427 | -.513 | 100 | 270 | -.101 | .056 | -.160 | -.281 |
| 100 | 171 | -.182 | .155 | .454 | -.673 | 100 | 221 | -.127 | .070 | .289 | -.399 | 100 | 271 | -.131 | .061 | -.233 | -.377 |
| 100 | 172 | -.444 | .186 | .344 | -.271 | 100 | 222 | -.092 | .058 | .173 | -.320 | 100 | 272 | -.184 | .071 | -.146 | -.551 |
| 100 | 173 | -.585 | .172 | -.007 | -1.229 | 100 | 223 | -.067 | .060 | .211 | -.286 | 100 | 273 | -.211 | .053 | -.089 | -.407 |
| 100 | 174 | -.789 | .240 | -.233 | -1.806 | 100 | 224 | -.082 | .071 | .249 | -.379 | 100 | 274 | -.278 | .067 | -.108 | -.619 |
| 100 | 175 | -.617 | .182 | -.166 | -1.374 | 100 | 225 | -.085 | .077 | .442 | -.442 | 100 | 275 | -.250 | .055 | -.073 | -.580 |
| 100 | 176 | -.349 | .086 | -.032 | -.849 | 100 | 226 | -.120 | .096 | .278 | -.656 | 100 | 276 | -.200 | .037 | -.037 | -.407 |
| 100 | 177 | -.276 | .062 | -.060 | -.625 | 100 | 227 | -.101 | .084 | .353 | -.558 | 100 | 277 | -.176 | .027 | -.062 | -.309 |
| 100 | 178 | -.255 | .055 | -.081 | -.600 | 100 | 228 | -.107 | .077 | .296 | -.502 | 100 | 278 | -.167 | .028 | -.046 | -.293 |
| 100 | 179 | -.259 | .062 | -.069 | -.544 | 100 | 229 | -.096 | .089 | .374 | -.443 | 100 | 279 | -.218 | .034 | -.122 | -.412 |
| 100 | 180 | -.089 | .116 | .482 | -.484 | 100 | 230 | -.063 | .096 | .541 | -.325 | 100 | 280 | -.174 | .030 | -.067 | -.324 |
| 100 | 181 | -.036 | .108 | .581 | -.344 | 100 | 231 | -.145 | .101 | .303 | -.427 | 100 | 281 | -.164 | .029 | -.031 | -.261 |
| 100 | 182 | -.016 | .105 | .445 | -.265 | 100 | 232 | -.279 | .134 | .354 | -.829 | 100 | 282 | -.110 | .032 | -.072 | -.206 |
| 100 | 183 | -.079 | .122 | .542 | -.302 | 100 | 233 | -.325 | .099 | .176 | -.848 | 100 | 283 | -.073 | .040 | -.099 | -.184 |
| 100 | 184 | -.101 | .150 | .680 | -.371 | 100 | 234 | -.466 | .147 | -.048 | -1.167 | 100 | 284 | -.067 | .038 | -.063 | -.180 |
| 100 | 185 | -.088 | .162 | .839 | -.519 | 100 | 235 | -.421 | .138 | -.048 | -1.039 | 100 | 285 | -.083 | .040 | -.161 | -.204 |
| 100 | 186 | -.066 | .158 | .699 | -.567 | 100 | 236 | -.268 | .078 | -.037 | -.761 | 100 | 286 | -.096 | .043 | -.125 | -.220 |
| 100 | 187 | -.048 | .161 | .616 | -.502 | 100 | 237 | -.211 | .045 | -.064 | -.407 | 100 | 287 | -.099 | .040 | -.101 | -.218 |
| 100 | 188 | -.016 | .124 | .402 | -.445 | 100 | 238 | -.194 | .039 | -.066 | -.377 | 100 | 288 | -.107 | .039 | -.111 | -.316 |
| 100 | 189 | -.060 | .152 | .699 | -.507 | 100 | 239 | -.189 | .042 | -.071 | -.489 | 100 | 289 | -.096 | .039 | -.051 | -.302 |
| 100 | 190 | -.097 | .151 | .703 | -.413 | 100 | 240 | -.116 | .060 | -.221 | -.395 | 100 | 290 | -.088 | .044 | -.132 | -.201 |
| 100 | 191 | -.076 | .146 | .685 | -.680 | 100 | 241 | -.111 | .058 | .228 | -.377 | 100 | 291 | -.102 | .041 | -.147 | -.254 |
| 100 | 192 | -.369 | .149 | .215 | -1.098 | 100 | 242 | -.102 | .045 | .146 | -.304 | 100 | 292 | -.143 | .044 | -.267 | -.297 |
| 100 | 193 | -.540 | .150 | .018 | -1.204 | 100 | 243 | -.107 | .043 | .089 | -.311 | 100 | 293 | -.160 | .038 | -.008 | -.295 |
| 100 | 194 | -.806 | .234 | -.111 | -1.773 | 100 | 244 | -.111 | .043 | .160 | -.334 | 100 | 294 | -.175 | .038 | -.032 | -.321 |
| 100 | 195 | -.659 | .202 | -.186 | -1.990 | 100 | 245 | -.126 | .051 | .082 | -.361 | 100 | 295 | -.245 | .055 | -.038 | -.506 |
| 100 | 196 | -.356 | .097 | -.093 | -.990 | 100 | 246 | -.144 | .061 | .116 | -.395 | 100 | 296 | -.220 | .047 | -.019 | -.403 |
| 100 | 197 | -.255 | .052 | -.064 | -.556 | 100 | 247 | -.129 | .062 | .224 | -.420 | 100 | 297 | -.187 | .025 | -.079 | -.333 |
| 100 | 198 | -.225 | .044 | -.071 | -.415 | 100 | 248 | -.129 | .058 | .141 | -.404 | 100 | 298 | -.192 | .024 | -.098 | -.283 |
| 100 | 199 | -.216 | .043 | -.021 | -.456 | 100 | 249 | -.118 | .068 | .274 | -.320 | 100 | 299 | -.199 | .025 | -.124 | -.319 |
| 100 | 200 | -.098 | .102 | .800 | -.905 | 100 | 250 | -.099 | .069 | .324 | -.325 | 100 | 300 | -.040 | .065 | -.260 | -.220 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 100 | 301 | 153 | .031 | .009 | 266 | 100 | 351 | .064 | .045 | .094 | 236 | 100 | 448 | 103 | .061 | .285 | 234 |
| 100 | 302 | 178 | .034 | .038 | 331 | 100 | 352 | .068 | .045 | .182 | 188 | 100 | 449 | .084 | .051 | .142 | 248 |
| 100 | 303 | 150 | .041 | .015 | 369 | 100 | 353 | .063 | .047 | .194 | 203 | 100 | 450 | .092 | .045 | .094 | 253 |
| 100 | 304 | 123 | .038 | .048 | 288 | 100 | 401 | .022 | .257 | .919 | .911 | 100 | 451 | .086 | .056 | .158 | 473 |
| 100 | 305 | 103 | .058 | .183 | 343 | 100 | 402 | .077 | .261 | .953 | .814 | 100 | 452 | .084 | .060 | .192 | 270 |
| 100 | 306 | 147 | .045 | .046 | 312 | 100 | 403 | .131 | .247 | .716 | 1.025 | 100 | 453 | .094 | .049 | .103 | 294 |
| 100 | 307 | 215 | .033 | .036 | 408 | 100 | 404 | .084 | .208 | .841 | .922 | 100 | 454 | .097 | .054 | .180 | 306 |
| 100 | 308 | 233 | .031 | .146 | 482 | 100 | 405 | .096 | .243 | .906 | 1.010 | 100 | 455 | .096 | .050 | .229 | 313 |
| 100 | 309 | 218 | .030 | .090 | 334 | 100 | 406 | .129 | .246 | .841 | 1.101 | 100 | 456 | .119 | .055 | .111 | 370 |
| 100 | 310 | 065 | .062 | .291 | 259 | 100 | 407 | .127 | .191 | .566 | .706 | 100 | 457 | .065 | .049 | .274 | 198 |
| 100 | 311 | 042 | .065 | .310 | 240 | 100 | 408 | .164 | .214 | .732 | .840 | 100 | 458 | .060 | .048 | .176 | 188 |
| 100 | 312 | 162 | .066 | .101 | 470 | 100 | 409 | .200 | .213 | .579 | .869 | 100 | 459 | .077 | .042 | .119 | 193 |
| 100 | 313 | 174 | .036 | .074 | 309 | 100 | 410 | .146 | .181 | .584 | .844 | 100 | 460 | .096 | .046 | .116 | 354 |
| 100 | 314 | 173 | .030 | .069 | 283 | 100 | 411 | .212 | .215 | .627 | .994 | 100 | 461 | .116 | .050 | .138 | 286 |
| 100 | 315 | 136 | .039 | .002 | 350 | 100 | 412 | .249 | .213 | .536 | 1.065 | 100 | 462 | .184 | .023 | .092 | 344 |
| 100 | 316 | 139 | .054 | .104 | 376 | 100 | 413 | .142 | .154 | .655 | .781 | 100 | 463 | .190 | .025 | .104 | 291 |
| 100 | 317 | 223 | .031 | .127 | 422 | 100 | 414 | .234 | .175 | .443 | 1.094 | 100 | 464 | .189 | .023 | .114 | 282 |
| 100 | 318 | 233 | .030 | .127 | 374 | 100 | 415 | .208 | .177 | .443 | 1.010 | 100 | 465 | .199 | .023 | .123 | 277 |
| 100 | 319 | 225 | .029 | .148 | 357 | 100 | 416 | .155 | .102 | .451 | .623 | 100 | 466 | .199 | .024 | .114 | 286 |
| 100 | 320 | 202 | .023 | .127 | 290 | 100 | 417 | .170 | .130 | .478 | .653 | 100 | 467 | .198 | .023 | .131 | 291 |
| 100 | 321 | 217 | .026 | .122 | 326 | 100 | 418 | .204 | .118 | .521 | .757 | 100 | 501 | .261 | .075 | .024 | 657 |
| 100 | 322 | 038 | .063 | .315 | 218 | 100 | 419 | .157 | .073 | .316 | .456 | 100 | 502 | .255 | .066 | .058 | 680 |
| 100 | 323 | 207 | .041 | .084 | 456 | 100 | 420 | .183 | .074 | .247 | .709 | 100 | 503 | .261 | .069 | .051 | 563 |
| 100 | 324 | 178 | .033 | .048 | 321 | 100 | 421 | .201 | .071 | .144 | .531 | 100 | 504 | .263 | .074 | .096 | 718 |
| 100 | 325 | 172 | .035 | .048 | 294 | 100 | 422 | .173 | .051 | .086 | .375 | 100 | 505 | .294 | .106 | .061 | 915 |
| 100 | 326 | 158 | .042 | .026 | 339 | 100 | 423 | .191 | .057 | .058 | .548 | 100 | 506 | .347 | .153 | .029 | 354 |
| 100 | 327 | 183 | .050 | .026 | 371 | 100 | 424 | .211 | .053 | .050 | .418 | 100 | 507 | .416 | .203 | .125 | 740 |
| 100 | 328 | 211 | .029 | .065 | 368 | 100 | 425 | .160 | .041 | .024 | .295 | 100 | 508 | .494 | .224 | .111 | 871 |
| 100 | 329 | 264 | .048 | .127 | 509 | 100 | 426 | .172 | .037 | .005 | .307 | 100 | 509 | .595 | .307 | .127 | 357 |
| 100 | 330 | 234 | .032 | .146 | 409 | 100 | 427 | .200 | .043 | .043 | .428 | 100 | 510 | .258 | .067 | .104 | 625 |
| 100 | 331 | 213 | .024 | .144 | 328 | 100 | 428 | .161 | .028 | .062 | .272 | 100 | 511 | .253 | .065 | .092 | 602 |
| 100 | 332 | 029 | .070 | .365 | 242 | 100 | 429 | .158 | .031 | .040 | .306 | 100 | 512 | .256 | .060 | .076 | 654 |
| 100 | 333 | 040 | .067 | .267 | 225 | 100 | 430 | .150 | .036 | .028 | .444 | 100 | 513 | .271 | .070 | .085 | 652 |
| 100 | 334 | 185 | .033 | .084 | 402 | 100 | 431 | .127 | .030 | .033 | .267 | 100 | 514 | .293 | .094 | .015 | 828 |
| 100 | 335 | 171 | .033 | .053 | 347 | 100 | 432 | .120 | .028 | .062 | .260 | 100 | 515 | .333 | .116 | .031 | 954 |
| 100 | 336 | 258 | .045 | .141 | 516 | 100 | 433 | .108 | .032 | .013 | .270 | 100 | 516 | .402 | .167 | .125 | 130 |
| 100 | 337 | 210 | .028 | .096 | 332 | 100 | 434 | .118 | .039 | .084 | .341 | 100 | 517 | .521 | .254 | .095 | 312 |
| 100 | 338 | 218 | .026 | .139 | 320 | 100 | 435 | .060 | .055 | .233 | .274 | 100 | 518 | .541 | .244 | .109 | 880 |
| 100 | 339 | 217 | .031 | .040 | 665 | 100 | 436 | .116 | .049 | .084 | .264 | 100 | 519 | .251 | .058 | .078 | 604 |
| 100 | 340 | 088 | .039 | .103 | 203 | 100 | 437 | .159 | .030 | .024 | .257 | 100 | 520 | .248 | .056 | .081 | 625 |
| 100 | 341 | 076 | .046 | .130 | 227 | 100 | 438 | .179 | .026 | .048 | .305 | 100 | 521 | .243 | .044 | .083 | 444 |
| 100 | 342 | 083 | .040 | .099 | 205 | 100 | 439 | .199 | .028 | .079 | .295 | 100 | 522 | .259 | .052 | .090 | 613 |
| 100 | 343 | 102 | .051 | .152 | 261 | 100 | 440 | .192 | .025 | .096 | .300 | 100 | 523 | .279 | .070 | .028 | 698 |
| 100 | 344 | 082 | .037 | .113 | 193 | 100 | 441 | .152 | .026 | .050 | .234 | 100 | 524 | .331 | .115 | .036 | 860 |
| 100 | 345 | 089 | .035 | .032 | 198 | 100 | 442 | .148 | .026 | .054 | .255 | 100 | 525 | .395 | .164 | .132 | 150 |
| 100 | 346 | 088 | .038 | .108 | 229 | 100 | 443 | .133 | .025 | .023 | .217 | 100 | 526 | .443 | .221 | .205 | 444 |
| 100 | 347 | 086 | .037 | .115 | 203 | 100 | 444 | .127 | .028 | .028 | .243 | 100 | 527 | .487 | .253 | .207 | 973 |
| 100 | 348 | 067 | .047 | .125 | 205 | 100 | 445 | .113 | .030 | .001 | .217 | 100 | 528 | .248 | .054 | .014 | 568 |
| 100 | 349 | 063 | .048 | .237 | 198 | 100 | 446 | .129 | .061 | .044 | .483 | 100 | 529 | .241 | .048 | .090 | 604 |
| 100 | 350 | 066 | .046 | .120 | 208 | 100 | 447 | .013 | .069 | .390 | .234 | 100 | 530 | .242 | .042 | .104 | 405 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 100 | 531 | -.254 | .048 | -.085 | -.490 | 100 | 581 | -.198 | .023 | -.106 | -.283 | 100 | 712 | -.269 | .065 | -.080 | -.631 |
| 100 | 532 | -.279 | .071 | -.044 | -.561 | 100 | 582 | -.189 | .028 | -.077 | -.291 | 100 | 713 | -.260 | .058 | -.094 | -.569 |
| 100 | 533 | -.330 | .117 | -.031 | -1.009 | 100 | 583 | -.199 | .031 | -.070 | -.319 | 100 | 714 | -.257 | .058 | -.073 | -.638 |
| 100 | 534 | -.373 | .168 | .077 | -1.269 | 100 | 584 | -.255 | .046 | -.111 | -.471 | 100 | 715 | -.260 | .061 | -.068 | -.638 |
| 100 | 535 | -.419 | .215 | .075 | -1.658 | 100 | 585 | -.272 | .047 | -.118 | -.545 | 100 | 716 | -.257 | .061 | -.094 | -.785 |
| 100 | 536 | -.458 | .244 | .146 | -2.122 | 100 | 586 | -.265 | .047 | -.094 | -.502 | 100 | 717 | -.262 | .061 | -.103 | -.599 |
| 100 | 537 | -.242 | .050 | -.077 | -.600 | 100 | 587 | -.182 | .018 | -.106 | -.243 | 100 | 718 | -.260 | .059 | -.096 | -.557 |
| 100 | 538 | -.233 | .044 | -.107 | -.507 | 100 | 588 | -.187 | .020 | -.094 | -.255 | 100 | 719 | -.252 | .050 | -.089 | -.683 |
| 100 | 539 | -.236 | .036 | -.126 | -.433 | 100 | 589 | -.186 | .020 | -.111 | -.259 | 100 | 720 | -.238 | .053 | -.115 | -.635 |
| 100 | 540 | -.252 | .048 | -.099 | -.593 | 100 | 590 | -.191 | .029 | -.038 | -.267 | 100 | 721 | -.242 | .055 | -.060 | -.640 |
| 100 | 541 | -.282 | .069 | -.078 | -.645 | 100 | 591 | -.196 | .024 | -.101 | -.315 | 100 | 722 | -.219 | .039 | -.129 | -.464 |
| 100 | 542 | -.331 | .101 | -.018 | -.785 | 100 | 592 | -.190 | .022 | -.120 | -.286 | 100 | 723 | -.217 | .041 | -.106 | -.530 |
| 100 | 543 | -.383 | .146 | .045 | -1.134 | 100 | 593 | -.188 | .020 | -.127 | -.286 | 100 | 724 | -.216 | .041 | -.101 | -.490 |
| 100 | 544 | -.446 | .223 | .079 | -3.043 | 100 | 594 | -.190 | .018 | -.125 | -.262 | 100 | 725 | -.204 | .029 | -.125 | -.390 |
| 100 | 545 | -.454 | .214 | -.003 | -2.259 | 100 | 595 | -.193 | .018 | -.130 | -.274 | 100 | 726 | -.196 | .026 | -.113 | -.361 |
| 100 | 546 | -.239 | .051 | -.097 | -.558 | 100 | 596 | -.220 | .051 | -.058 | -.466 | 100 | 727 | -.196 | .030 | -.106 | -.359 |
| 100 | 547 | -.229 | .046 | -.057 | -.504 | 100 | 597 | -.235 | .052 | -.094 | -.521 | 100 | 728 | -.212 | .028 | -.121 | -.363 |
| 100 | 548 | -.231 | .033 | -.137 | -.397 | 100 | 598 | -.262 | .044 | -.149 | -.524 | 100 | 729 | -.223 | .026 | -.137 | -.398 |
| 100 | 549 | -.250 | .043 | -.048 | -.557 | 100 | 599 | -.291 | .063 | -.114 | -.660 | 100 | 730 | -.199 | .024 | -.114 | -.318 |
| 100 | 550 | -.263 | .060 | -.075 | -.589 | 100 | 600 | -.182 | .018 | -.123 | -.240 | 100 | 731 | -.193 | .024 | -.107 | -.284 |
| 100 | 551 | -.304 | .080 | -.013 | -.743 | 100 | 601 | -.186 | .019 | -.118 | -.250 | 100 | 732 | -.189 | .024 | -.116 | -.315 |
| 100 | 552 | -.362 | .128 | .041 | -1.386 | 100 | 602 | -.186 | .018 | -.120 | -.244 | 100 | 733 | -.190 | .025 | -.104 | -.337 |
| 100 | 553 | -.421 | .173 | -.021 | -2.086 | 100 | 603 | -.182 | .020 | -.114 | -.248 | 100 | 734 | -.189 | .024 | -.107 | -.342 |
| 100 | 554 | -.455 | .199 | -.013 | -2.357 | 100 | 604 | -.175 | .027 | -.034 | -.263 | 100 | 735 | -.198 | .027 | -.092 | -.294 |
| 100 | 555 | -.218 | .043 | -.080 | -.446 | 100 | 605 | -.208 | .026 | -.101 | -.308 | 100 | 736 | -.216 | .028 | -.114 | -.346 |
| 100 | 556 | -.215 | .036 | -.114 | -.397 | 100 | 606 | -.205 | .025 | -.096 | -.287 | 100 | 737 | -.189 | .027 | -.076 | -.259 |
| 100 | 557 | -.214 | .028 | -.128 | -.362 | 100 | 607 | -.191 | .018 | -.132 | -.297 | 100 | 738 | -.179 | .027 | -.066 | -.282 |
| 100 | 558 | -.224 | .031 | -.121 | -.406 | 100 | 608 | -.188 | .020 | -.125 | -.254 | 100 | 739 | -.179 | .028 | -.049 | -.284 |
| 100 | 559 | -.246 | .041 | -.080 | -.495 | 100 | 609 | -.190 | .019 | -.120 | -.261 | 100 | 740 | -.191 | .023 | -.109 | -.291 |
| 100 | 560 | -.271 | .056 | -.114 | -.571 | 100 | 610 | -.184 | .018 | -.086 | -.244 | 100 | 741 | -.194 | .023 | -.116 | -.282 |
| 100 | 561 | -.306 | .085 | -.041 | -1.411 | 100 | 611 | -.185 | .019 | -.113 | -.254 | 100 | 742 | -.193 | .025 | -.095 | -.308 |
| 100 | 562 | -.356 | .106 | -.087 | -1.987 | 100 | 612 | -.187 | .018 | -.137 | -.254 | 100 | 743 | -.197 | .022 | -.132 | -.308 |
| 100 | 563 | -.359 | .120 | -.094 | -1.645 | 100 | 613 | -.188 | .020 | -.089 | -.261 | 100 | 744 | -.197 | .022 | -.127 | -.304 |
| 100 | 564 | -.211 | .035 | -.112 | -.465 | 100 | 614 | -.188 | .020 | -.074 | -.263 | 100 | 745 | -.199 | .023 | -.129 | -.299 |
| 100 | 565 | -.206 | .028 | -.098 | -.378 | 100 | 615 | -.209 | .025 | -.094 | -.328 | 100 | 746 | -.195 | .021 | -.125 | -.282 |
| 100 | 566 | -.205 | .022 | -.140 | -.342 | 100 | 616 | -.205 | .023 | -.115 | -.282 | 100 | 747 | -.191 | .024 | -.102 | -.325 |
| 100 | 567 | -.264 | .024 | -.095 | -.313 | 100 | 617 | -.256 | .050 | -.077 | -.616 | 100 | 748 | -.108 | .039 | -.051 | -.270 |
| 100 | 568 | -.231 | .029 | -.128 | -.381 | 100 | 618 | -.263 | .049 | -.141 | -.497 | 100 | 749 | -.107 | .039 | -.037 | -.344 |
| 100 | 569 | -.251 | .041 | -.114 | -.532 | 100 | 619 | -.266 | .048 | -.139 | -.557 | 100 | 750 | -.103 | .036 | -.037 | -.222 |
| 100 | 570 | -.276 | .056 | -.045 | -.642 | 100 | 701 | -.281 | .093 | -.032 | -.859 | 100 | 751 | -.098 | .042 | -.092 | -.272 |
| 100 | 571 | -.283 | .052 | -.135 | -.635 | 100 | 702 | -.283 | .094 | -.039 | -.723 | 100 | 752 | -.099 | .045 | -.099 | -.370 |
| 100 | 572 | -.293 | .058 | -.146 | -.656 | 100 | 703 | -.272 | .090 | -.011 | -.727 | 100 | 753 | -.110 | .037 | -.025 | -.251 |
| 100 | 573 | -.200 | .021 | -.135 | -.288 | 100 | 704 | -.279 | .082 | -.025 | -.684 | 100 | 754 | -.167 | .042 | -.003 | -.379 |
| 100 | 574 | -.218 | .028 | -.120 | -.329 | 100 | 705 | -.271 | .079 | -.061 | -.670 | 100 | 755 | -.118 | .036 | -.061 | -.241 |
| 100 | 575 | -.211 | .028 | -.089 | -.319 | 100 | 706 | -.275 | .085 | -.039 | -.711 | 100 | 756 | -.107 | .037 | -.054 | -.224 |
| 100 | 576 | -.192 | .025 | -.096 | -.268 | 100 | 707 | -.268 | .069 | -.087 | -.762 | 100 | 757 | -.121 | .038 | -.035 | -.236 |
| 100 | 577 | -.189 | .022 | -.111 | -.339 | 100 | 708 | -.268 | .069 | -.061 | -.612 | 100 | 758 | -.095 | .038 | -.111 | -.234 |
| 100 | 578 | -.190 | .019 | -.130 | -.315 | 100 | 709 | -.272 | .074 | -.045 | -.633 | 100 | 759 | -.084 | .037 | -.154 | -.173 |
| 100 | 579 | -.198 | .020 | -.125 | -.256 | 100 | 710 | -.258 | .057 | -.085 | -.584 | 100 | 760 | -.080 | .037 | -.075 | -.194 |
| 100 | 580 | -.189 | .020 | -.089 | -.252 | 100 | 711 | -.255 | .058 | -.052 | -.633 | 100 | 761 | -.085 | .038 | -.163 | -.187 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 100 | 762 | -160 | .028 | -.061 | -.307 | 100 | 940 | -.094 | .059 | .163 | -.307 | 110 | 136 | -.166 | .247 | .760 | -1.304 |
| 100 | 763 | -160 | .026 | -.047 | -.271 | 100 | 941 | -.105 | .037 | .075 | -.261 | 110 | 137 | -.461 | .157 | -.028 | -1.123 |
| 100 | 764 | -169 | .026 | -.037 | -.259 | 100 | 942 | -.118 | .041 | .032 | -.350 | 110 | 138 | -.520 | .189 | -.108 | -1.775 |
| 100 | 765 | -164 | .028 | -.066 | -.261 | 100 | 943 | -.109 | .054 | .228 | -.345 | 110 | 139 | -.421 | .155 | -.003 | -1.330 |
| 100 | 766 | -228 | .027 | -.142 | -.331 | 100 | 944 | -.150 | .053 | .137 | -.361 | 110 | 140 | -.091 | .324 | 1.092 | -1.099 |
| 100 | 767 | -170 | .036 | -.013 | -.321 | 100 | 945 | -.118 | .037 | .032 | -.426 | 110 | 141 | -.105 | .280 | .959 | -.707 |
| 100 | 801 | -227 | .039 | -.118 | -.390 | 100 | 946 | -.188 | .029 | -.061 | -.328 | 110 | 142 | -.051 | .219 | .768 | -.591 |
| 100 | 802 | -200 | .031 | -.061 | -.342 | 100 | 947 | -.135 | .054 | .030 | -.400 | 110 | 143 | -.036 | .144 | .493 | -.481 |
| 100 | 803 | -214 | .020 | -.156 | -.288 | 100 | 948 | -.125 | .039 | .092 | -.297 | 110 | 144 | -.138 | .132 | .668 | -.542 |
| 100 | 804 | -186 | .018 | -.123 | -.252 | 100 | 949 | -.143 | .043 | .118 | -.302 | 110 | 145 | -.262 | .185 | .446 | -.938 |
| 100 | 805 | -186 | .018 | -.130 | -.242 | 100 | 950 | -.158 | .038 | .018 | -.338 | 110 | 146 | -.353 | .231 | .430 | -1.535 |
| 100 | 901 | -345 | .164 | -.284 | -1.290 | 100 | 951 | -.195 | .039 | .023 | -.423 | 110 | 147 | -.342 | .200 | .281 | -1.375 |
| 100 | 902 | -237 | .106 | -.130 | -.715 | 100 | 952 | -.187 | .040 | .089 | -.333 | 110 | 148 | -.370 | .182 | .091 | -1.407 |
| 100 | 903 | -186 | .106 | .259 | -.608 | 100 | 953 | -.189 | .042 | .066 | -.340 | 110 | 149 | -.350 | .228 | .830 | -1.387 |
| 100 | 904 | -179 | .087 | .139 | -.461 | 100 | 954 | -.189 | .036 | .037 | -.307 | 110 | 150 | -.250 | .246 | .591 | -1.794 |
| 100 | 905 | -132 | .110 | .325 | -.563 | 110 | 101 | -.034 | .161 | .481 | -.418 | 110 | 151 | -.247 | .230 | .598 | -1.662 |
| 100 | 906 | -393 | .184 | .364 | -1.221 | 110 | 102 | -.024 | .271 | .980 | -.829 | 110 | 152 | -.310 | .182 | .352 | -1.316 |
| 100 | 907 | -264 | .105 | .084 | -.699 | 110 | 103 | -.044 | .222 | .686 | -.677 | 110 | 153 | -.449 | .151 | -.004 | -1.199 |
| 100 | 908 | -242 | .084 | -.004 | -.763 | 110 | 104 | -.121 | .155 | .712 | -.665 | 110 | 154 | -.522 | .175 | -.070 | -1.520 |
| 100 | 909 | -161 | .102 | .175 | -.695 | 110 | 105 | -.171 | .158 | .682 | -.700 | 110 | 155 | -.435 | .142 | .005 | -1.209 |
| 100 | 910 | -286 | .128 | .080 | -.940 | 110 | 106 | -.335 | .160 | .330 | -.945 | 110 | 156 | -.315 | .091 | -.079 | -.864 |
| 100 | 911 | -311 | .150 | .159 | -1.022 | 110 | 107 | -.377 | .142 | .087 | -1.113 | 110 | 157 | -.266 | .066 | -.105 | -.681 |
| 100 | 912 | -325 | .132 | .009 | -.960 | 110 | 108 | -.350 | .165 | .136 | -1.183 | 110 | 158 | -.248 | .074 | -.023 | -.651 |
| 100 | 913 | -133 | .035 | .101 | -.264 | 110 | 109 | -.315 | .189 | .327 | -1.414 | 110 | 159 | -.237 | .072 | .000 | -.644 |
| 100 | 914 | -106 | .033 | .120 | -.206 | 110 | 110 | -.230 | .211 | .551 | -1.493 | 110 | 160 | -.028 | .263 | .907 | -1.007 |
| 100 | 915 | -292 | .215 | .389 | -1.231 | 110 | 111 | -.145 | .192 | .693 | -1.029 | 110 | 161 | -.046 | .244 | 1.003 | -.768 |
| 100 | 916 | -426 | .187 | .096 | -1.135 | 110 | 112 | -.102 | .204 | .870 | -.808 | 110 | 162 | -.033 | .182 | .818 | -.487 |
| 100 | 917 | -190 | .026 | -.049 | -.290 | 110 | 113 | -.097 | .176 | .623 | -.707 | 110 | 163 | -.028 | .125 | .483 | -.475 |
| 100 | 918 | -186 | .024 | -.085 | -.273 | 110 | 114 | -.425 | .216 | .348 | -1.623 | 110 | 164 | -.091 | .135 | .368 | -.684 |
| 100 | 919 | -143 | .184 | .534 | -.785 | 110 | 115 | -.423 | .153 | -.060 | -1.696 | 110 | 165 | -.164 | .194 | .537 | -.789 |
| 100 | 920 | -073 | .039 | .116 | -.178 | 110 | 116 | -.366 | .129 | -.029 | -1.218 | 110 | 166 | -.275 | .263 | .490 | -1.539 |
| 100 | 921 | -440 | .241 | .241 | -1.785 | 110 | 117 | -.276 | .103 | -.011 | -.992 | 110 | 167 | -.245 | .248 | .516 | -1.368 |
| 100 | 922 | -307 | .225 | .366 | -1.669 | 110 | 118 | -.253 | .080 | -.015 | -.759 | 110 | 168 | -.233 | .220 | .396 | -1.483 |
| 100 | 923 | -455 | .164 | -.066 | -1.333 | 110 | 119 | -.257 | .084 | -.046 | -.824 | 110 | 169 | -.232 | .259 | .483 | -1.300 |
| 100 | 924 | -373 | .171 | -.153 | -1.215 | 110 | 120 | -.137 | .139 | .591 | -.628 | 110 | 170 | -.122 | .221 | .565 | -1.091 |
| 100 | 925 | -208 | .043 | -.025 | -.431 | 110 | 121 | -.223 | .144 | .486 | -.654 | 110 | 171 | -.209 | .180 | .413 | -1.253 |
| 100 | 926 | -059 | .045 | -.201 | -.223 | 110 | 122 | -.320 | .165 | .502 | -1.017 | 110 | 172 | -.356 | .161 | .614 | -1.117 |
| 100 | 927 | -218 | .203 | .466 | -1.226 | 110 | 123 | -.363 | .152 | .222 | -1.104 | 110 | 173 | -.449 | .137 | .092 | -1.087 |
| 100 | 928 | -131 | .270 | .768 | -1.053 | 110 | 124 | -.303 | .162 | .248 | -1.001 | 110 | 174 | -.560 | .181 | -.166 | -1.675 |
| 100 | 929 | -057 | .266 | .945 | -.785 | 110 | 125 | -.171 | .186 | .735 | -.854 | 110 | 175 | -.469 | .141 | -.079 | -1.070 |
| 100 | 930 | -265 | .060 | .056 | -.521 | 110 | 126 | -.147 | .217 | .644 | -.894 | 110 | 176 | -.306 | .080 | .003 | -.913 |
| 100 | 931 | -088 | .038 | .089 | -.245 | 110 | 127 | -.410 | .240 | .411 | -1.414 | 110 | 177 | -.257 | .064 | .010 | -.756 |
| 100 | 932 | -178 | .058 | .077 | -.462 | 110 | 128 | -.468 | .180 | -.097 | -1.679 | 110 | 178 | -.240 | .059 | -.075 | -.553 |
| 100 | 933 | -109 | .030 | .032 | -.233 | 110 | 129 | -.397 | .156 | .662 | -1.283 | 110 | 179 | -.243 | .066 | -.037 | -.576 |
| 100 | 934 | -093 | .032 | .030 | -.209 | 110 | 130 | -.158 | .136 | .719 | -.658 | 110 | 180 | -.025 | .261 | .916 | -.986 |
| 100 | 935 | -171 | .032 | -.016 | -.297 | 110 | 131 | -.258 | .172 | .474 | -.885 | 110 | 181 | -.030 | .216 | 1.022 | -.785 |
| 100 | 936 | -181 | .026 | -.085 | -.323 | 110 | 132 | -.360 | .207 | .532 | -1.327 | 110 | 182 | -.005 | .148 | .635 | -.506 |
| 100 | 937 | -104 | .039 | .087 | -.228 | 110 | 133 | -.367 | .178 | .367 | -1.455 | 110 | 183 | -.028 | .119 | .415 | -.604 |
| 100 | 938 | -133 | .034 | .142 | -.423 | 110 | 134 | -.350 | .205 | .644 | -1.215 | 110 | 184 | -.087 | .133 | .380 | -.576 |
| 100 | 939 | -110 | .041 | .092 | -.333 | 110 | 135 | -.273 | .217 | .642 | -1.367 | 110 | 185 | -.148 | .171 | .511 | -.815 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 110 | 186 | 238 | .223 | .335 | -1.213 | 110 | 236 | 264 | .061 | -.095 | -.731 | 110 | 286 | 197 | .077 | -.008 | -.596 |
| 110 | 187 | 236 | .229 | .392 | -1.792 | 110 | 237 | 224 | .046 | -.039 | -.462 | 110 | 287 | 151 | .042 | -.023 | -.328 |
| 110 | 188 | 244 | .222 | .272 | -1.546 | 110 | 238 | 210 | .042 | -.079 | -.561 | 110 | 288 | 146 | .038 | -.014 | -.301 |
| 110 | 189 | 207 | .249 | .443 | -1.672 | 110 | 239 | 208 | .047 | -.077 | -.638 | 110 | 289 | 150 | .043 | -.014 | -.352 |
| 110 | 190 | 122 | .207 | .551 | -1.185 | 110 | 240 | 024 | .129 | .529 | -.478 | 110 | 290 | 147 | .044 | -.032 | -.335 |
| 110 | 191 | 178 | .190 | .563 | -1.349 | 110 | 241 | 011 | .109 | .492 | -.513 | 110 | 291 | 158 | .044 | -.058 | -.402 |
| 110 | 192 | 323 | .129 | .209 | -1.953 | 110 | 242 | 011 | .088 | .385 | -.411 | 110 | 292 | 174 | .036 | -.033 | -.342 |
| 110 | 193 | 400 | .121 | .085 | -1.048 | 110 | 243 | 072 | .068 | .274 | -.381 | 110 | 293 | 186 | .035 | -.054 | -.392 |
| 110 | 194 | 485 | .151 | -.114 | -1.354 | 110 | 244 | 146 | .055 | .088 | -.471 | 110 | 294 | 191 | .030 | -.066 | -.397 |
| 110 | 195 | 457 | .137 | .032 | -1.165 | 110 | 245 | 201 | .067 | .016 | -.568 | 110 | 295 | 231 | .037 | -.109 | -.462 |
| 110 | 196 | 309 | .088 | .016 | -1.188 | 110 | 246 | 306 | .098 | -.074 | -.784 | 110 | 296 | 226 | .032 | -.126 | -.364 |
| 110 | 197 | 242 | .059 | .002 | -1.792 | 110 | 247 | 292 | .104 | .000 | -.965 | 110 | 297 | 200 | .027 | -.109 | -.323 |
| 110 | 198 | 221 | .051 | -.035 | -1.461 | 110 | 248 | 282 | .097 | -.019 | -1.169 | 110 | 298 | 190 | .022 | -.112 | -.326 |
| 110 | 199 | 218 | .057 | -.058 | -1.744 | 110 | 249 | 276 | .102 | -.019 | -1.128 | 110 | 299 | 183 | .020 | -.114 | -.253 |
| 110 | 200 | 029 | .222 | .903 | -1.096 | 110 | 250 | 228 | .101 | .292 | -1.005 | 110 | 300 | 069 | .050 | -.219 | -.220 |
| 110 | 201 | 035 | .189 | .822 | -1.753 | 110 | 251 | 219 | .118 | .246 | -.988 | 110 | 301 | 134 | .026 | -.016 | -.234 |
| 110 | 202 | 014 | .120 | .521 | -1.500 | 110 | 252 | 252 | .075 | .002 | -1.023 | 110 | 302 | 188 | .036 | -.090 | -.421 |
| 110 | 203 | 051 | .098 | .476 | -1.417 | 110 | 253 | 252 | .055 | .093 | -.606 | 110 | 303 | 162 | .034 | -.042 | -.356 |
| 110 | 204 | 128 | .102 | .359 | -1.587 | 110 | 254 | 268 | .068 | -.058 | -.673 | 110 | 304 | 152 | .032 | -.040 | -.287 |
| 110 | 205 | 202 | .119 | .274 | -1.776 | 110 | 255 | 256 | .056 | .093 | -.608 | 110 | 305 | 126 | .047 | -.090 | -.311 |
| 110 | 206 | 316 | .169 | .237 | -1.310 | 110 | 256 | 238 | .047 | -.077 | -.659 | 110 | 306 | 136 | .037 | -.078 | -.253 |
| 110 | 207 | 291 | .177 | .117 | -1.340 | 110 | 257 | 210 | .038 | .058 | -.436 | 110 | 307 | 174 | .029 | -.057 | -.280 |
| 110 | 208 | 286 | .176 | .120 | -1.359 | 110 | 258 | 206 | .039 | -.083 | -.466 | 110 | 308 | 208 | .032 | -.090 | -.347 |
| 110 | 209 | 265 | .181 | .246 | -1.294 | 110 | 259 | 201 | .042 | -.079 | -.534 | 110 | 309 | 196 | .025 | -.089 | -.314 |
| 110 | 210 | 173 | .153 | .255 | -1.006 | 110 | 260 | 031 | .089 | .327 | -.371 | 110 | 310 | 060 | .051 | -.202 | -.215 |
| 110 | 211 | 203 | .130 | .244 | -1.108 | 110 | 261 | 023 | .085 | .357 | -.445 | 110 | 311 | 046 | .048 | -.195 | -.196 |
| 110 | 212 | 313 | .166 | .117 | -1.115 | 110 | 262 | 052 | .060 | .234 | -.295 | 110 | 312 | 119 | .051 | -.114 | -.368 |
| 110 | 213 | 328 | .075 | .101 | -1.813 | 110 | 263 | 088 | .052 | .181 | -.316 | 110 | 313 | 165 | .027 | -.074 | -.280 |
| 110 | 214 | 400 | .065 | .247 | -1.673 | 110 | 264 | 147 | .046 | .139 | -.367 | 110 | 314 | 176 | .029 | -.086 | -.335 |
| 110 | 215 | 365 | .103 | .085 | -1.855 | 110 | 265 | 185 | .053 | -.005 | -.555 | 110 | 315 | 150 | .029 | -.045 | -.344 |
| 110 | 216 | 286 | .071 | -.071 | -1.644 | 110 | 266 | 266 | .087 | .042 | -.775 | 110 | 316 | 124 | .045 | -.061 | -.347 |
| 110 | 217 | 236 | .051 | .042 | -1.480 | 110 | 267 | 258 | .085 | .002 | -.794 | 110 | 317 | 178 | .026 | -.093 | -.316 |
| 110 | 218 | 226 | .042 | .074 | -1.417 | 110 | 268 | 256 | .079 | .065 | -.852 | 110 | 318 | 214 | .034 | -.112 | -.412 |
| 110 | 219 | 226 | .047 | .087 | -1.464 | 110 | 269 | 238 | .078 | .012 | -.726 | 110 | 319 | 194 | .023 | -.121 | -.318 |
| 110 | 220 | 016 | .146 | .611 | -1.660 | 110 | 270 | 208 | .072 | .118 | -.571 | 110 | 320 | 188 | .021 | -.121 | -.268 |
| 110 | 221 | 010 | .139 | .669 | -1.469 | 110 | 271 | 195 | .079 | .218 | -.640 | 110 | 321 | 193 | .019 | -.124 | -.275 |
| 110 | 222 | 014 | .097 | .537 | -1.397 | 110 | 272 | 228 | .056 | .044 | -.710 | 110 | 322 | 051 | .048 | -.154 | -.172 |
| 110 | 223 | 068 | .079 | .281 | -1.391 | 110 | 273 | 232 | .047 | .086 | -.696 | 110 | 323 | 215 | .051 | -.095 | -.431 |
| 110 | 224 | 131 | .071 | .161 | -1.468 | 110 | 274 | 245 | .051 | -.118 | -.615 | 110 | 324 | 159 | .028 | -.059 | -.318 |
| 110 | 225 | 194 | .079 | .115 | -1.433 | 110 | 275 | 242 | .048 | .100 | -.548 | 110 | 325 | 154 | .026 | -.055 | -.272 |
| 110 | 226 | 335 | .129 | .025 | -1.350 | 110 | 276 | 223 | .042 | .111 | -.587 | 110 | 326 | 146 | .026 | -.043 | -.296 |
| 110 | 227 | 319 | .132 | .037 | -1.232 | 110 | 277 | 200 | .032 | .095 | -.548 | 110 | 327 | 134 | .038 | -.012 | -.303 |
| 110 | 228 | 305 | .136 | .025 | -1.073 | 110 | 278 | 200 | .033 | .096 | -.351 | 110 | 328 | 167 | .024 | -.086 | -.263 |
| 110 | 229 | 287 | .139 | .046 | -1.043 | 110 | 279 | 197 | .028 | .102 | -.402 | 110 | 329 | 210 | .035 | -.112 | -.382 |
| 110 | 230 | 221 | .140 | .364 | -1.850 | 110 | 280 | 101 | .053 | .226 | -.287 | 110 | 330 | 200 | .029 | -.117 | -.327 |
| 110 | 231 | 226 | .136 | .513 | -1.080 | 110 | 281 | 100 | .050 | .202 | -.258 | 110 | 331 | 194 | .021 | -.127 | -.315 |
| 110 | 232 | 282 | .094 | .107 | -1.970 | 110 | 282 | 016 | .074 | .372 | -.222 | 110 | 332 | 064 | .046 | -.191 | -.205 |
| 110 | 233 | 289 | .071 | .021 | -1.687 | 110 | 283 | 048 | .052 | .255 | -.167 | 110 | 333 | 055 | .052 | -.198 | -.179 |
| 110 | 234 | 306 | .073 | .088 | -1.732 | 110 | 284 | 106 | .031 | .008 | -.210 | 110 | 334 | 196 | .039 | -.072 | -.363 |
| 110 | 235 | 301 | .080 | .079 | -1.787 | 110 | 285 | 130 | .034 | .032 | -.280 | 110 | 335 | 160 | .028 | -.057 | -.267 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 110 | 336 | .202 | .034 | .112 | .353 | 110 | 433 | .107 | .037 | .138 | .225 | 110 | 516 | .525 | .185 | .020 | -1.419 |
| 110 | 337 | .181 | .024 | .098 | .315 | 110 | 434 | .107 | .048 | .163 | .343 | 110 | 517 | .772 | .380 | .129 | -2.676 |
| 110 | 338 | .197 | .022 | .117 | .317 | 110 | 435 | .054 | .052 | .216 | .212 | 110 | 518 | .864 | .360 | .072 | -2.518 |
| 110 | 339 | .181 | .025 | .082 | .297 | 110 | 436 | .098 | .046 | .214 | .230 | 110 | 519 | .234 | .067 | .063 | -.687 |
| 110 | 340 | .141 | .039 | .003 | .338 | 110 | 437 | .085 | .050 | .128 | .242 | 110 | 520 | .227 | .063 | .057 | -.606 |
| 110 | 341 | .141 | .042 | .051 | .307 | 110 | 438 | .098 | .061 | .318 | .242 | 110 | 521 | .249 | .058 | .041 | -.534 |
| 110 | 342 | .124 | .033 | .005 | .229 | 110 | 439 | .108 | .077 | .272 | .256 | 110 | 522 | .249 | .066 | .038 | -.663 |
| 110 | 343 | .131 | .042 | .091 | .318 | 110 | 440 | .104 | .071 | .282 | .266 | 110 | 523 | .293 | .090 | .040 | -1.196 |
| 110 | 344 | .138 | .034 | .019 | .258 | 110 | 441 | .101 | .054 | .199 | .479 | 110 | 524 | .416 | .142 | .040 | -1.069 |
| 110 | 345 | .137 | .032 | .019 | .270 | 110 | 442 | .102 | .053 | .170 | .297 | 110 | 525 | .509 | .200 | .074 | -1.564 |
| 110 | 346 | .138 | .034 | .029 | .283 | 110 | 443 | .108 | .041 | .078 | .258 | 110 | 526 | .681 | .350 | .230 | -2.427 |
| 110 | 347 | .135 | .036 | .010 | .292 | 110 | 444 | .122 | .033 | .008 | .251 | 110 | 527 | .855 | .445 | .287 | -3.458 |
| 110 | 348 | .116 | .034 | .126 | .244 | 110 | 445 | .125 | .032 | .015 | .229 | 110 | 528 | .234 | .056 | .063 | -.663 |
| 110 | 349 | .129 | .034 | .010 | .263 | 110 | 446 | .138 | .055 | .083 | .384 | 110 | 529 | .244 | .036 | .095 | -.556 |
| 110 | 350 | .136 | .043 | .025 | .343 | 110 | 447 | .053 | .051 | .121 | .234 | 110 | 530 | .230 | .056 | .063 | -.663 |
| 110 | 351 | .115 | .039 | .017 | .266 | 110 | 448 | .144 | .050 | .148 | .316 | 110 | 531 | .233 | .068 | .079 | -.683 |
| 110 | 352 | .109 | .039 | .131 | .278 | 110 | 449 | .134 | .044 | .107 | .307 | 110 | 532 | .293 | .098 | .029 | -1.144 |
| 110 | 401 | .133 | .346 | 1.039 | .241 | 110 | 450 | .114 | .060 | .184 | .343 | 110 | 533 | .408 | .145 | .174 | -1.060 |
| 110 | 402 | .116 | .336 | 1.235 | .897 | 110 | 451 | .081 | .064 | .301 | .238 | 110 | 534 | .517 | .217 | .199 | -1.462 |
| 110 | 403 | .138 | .353 | 1.174 | 1.042 | 110 | 452 | .087 | .061 | .291 | .266 | 110 | 535 | .657 | .360 | .210 | -2.585 |
| 110 | 404 | .096 | .338 | .946 | .898 | 110 | 453 | .097 | .049 | .235 | .400 | 110 | 536 | .826 | .419 | .341 | -2.626 |
| 110 | 405 | .141 | .354 | 1.098 | .920 | 110 | 454 | .110 | .042 | .030 | .302 | 110 | 537 | .230 | .056 | .023 | -.746 |
| 110 | 406 | .123 | .367 | 1.181 | .862 | 110 | 455 | .111 | .039 | .065 | .311 | 110 | 538 | .231 | .056 | .064 | -.818 |
| 110 | 407 | .010 | .301 | .928 | .032 | 110 | 456 | .121 | .040 | .062 | .258 | 110 | 539 | .229 | .058 | .054 | -.873 |
| 110 | 408 | .054 | .303 | .881 | .808 | 110 | 457 | .102 | .043 | .123 | .263 | 110 | 540 | .248 | .077 | .016 | -1.483 |
| 110 | 409 | .001 | .319 | .952 | .808 | 110 | 458 | .105 | .044 | .164 | .304 | 110 | 541 | .300 | .091 | .120 | -.674 |
| 110 | 410 | .030 | .290 | .858 | .181 | 110 | 459 | .125 | .042 | .065 | .340 | 110 | 542 | .425 | .136 | .013 | -1.094 |
| 110 | 411 | .020 | .275 | .948 | .794 | 110 | 460 | .112 | .043 | .182 | .241 | 110 | 543 | .519 | .194 | .002 | -1.587 |
| 110 | 412 | .002 | .302 | .986 | .705 | 110 | 461 | .121 | .035 | .036 | .248 | 110 | 544 | .707 | .383 | .106 | -1.556 |
| 110 | 413 | .029 | .247 | .827 | .833 | 110 | 462 | .182 | .024 | .098 | .265 | 110 | 545 | .862 | .407 | .135 | -1.735 |
| 110 | 414 | .063 | .242 | 1.006 | .716 | 110 | 463 | .184 | .021 | .115 | .253 | 110 | 546 | .211 | .040 | .088 | -.525 |
| 110 | 415 | .021 | .229 | .918 | .741 | 110 | 464 | .184 | .022 | .117 | .273 | 110 | 547 | .212 | .045 | .050 | -.697 |
| 110 | 416 | .044 | .201 | .800 | .995 | 110 | 465 | .188 | .021 | .095 | .255 | 110 | 548 | .220 | .057 | .009 | -1.189 |
| 110 | 417 | .036 | .186 | 1.100 | .520 | 110 | 466 | .192 | .020 | .122 | .263 | 110 | 549 | .236 | .068 | .021 | -1.062 |
| 110 | 418 | .015 | .163 | .894 | .484 | 110 | 467 | .191 | .021 | .110 | .255 | 110 | 550 | .298 | .079 | .011 | -.806 |
| 110 | 419 | .023 | .130 | .644 | .484 | 110 | 501 | .237 | .078 | .043 | .705 | 110 | 551 | .394 | .098 | .059 | -.844 |
| 110 | 420 | .023 | .130 | .714 | .470 | 110 | 502 | .237 | .065 | .048 | .583 | 110 | 552 | .463 | .167 | .066 | -1.578 |
| 110 | 421 | .023 | .137 | .620 | .460 | 110 | 503 | .245 | .076 | .036 | .640 | 110 | 553 | .703 | .344 | .061 | -1.538 |
| 110 | 422 | .052 | .093 | .500 | .448 | 110 | 504 | .284 | .103 | .050 | .802 | 110 | 554 | .819 | .367 | .336 | -3.659 |
| 110 | 423 | .015 | .105 | .591 | .302 | 110 | 505 | .365 | .162 | .004 | .397 | 110 | 555 | .198 | .036 | .095 | -.581 |
| 110 | 424 | .021 | .100 | .474 | .359 | 110 | 506 | .422 | .174 | .020 | .553 | 110 | 556 | .198 | .036 | .073 | -.642 |
| 110 | 425 | .114 | .053 | .195 | .268 | 110 | 507 | .481 | .177 | .000 | .582 | 110 | 557 | .204 | .041 | .048 | -.699 |
| 110 | 426 | .095 | .058 | .226 | .230 | 110 | 508 | .678 | .305 | .043 | .070 | 110 | 558 | .220 | .049 | .064 | -1.012 |
| 110 | 427 | .109 | .055 | .176 | .285 | 110 | 509 | .951 | .460 | .104 | .922 | 110 | 559 | .274 | .062 | .082 | -.581 |
| 110 | 428 | .133 | .059 | .141 | .556 | 110 | 510 | .240 | .073 | .021 | .656 | 110 | 560 | .355 | .078 | .141 | -.826 |
| 110 | 429 | .128 | .060 | .240 | .440 | 110 | 511 | .234 | .068 | .057 | .610 | 110 | 561 | .383 | .102 | .093 | -1.128 |
| 110 | 430 | .134 | .053 | .182 | .382 | 110 | 512 | .241 | .074 | .057 | .836 | 110 | 562 | .611 | .277 | .032 | -2.095 |
| 110 | 431 | .126 | .042 | .015 | .345 | 110 | 513 | .266 | .087 | .070 | .809 | 110 | 563 | .701 | .275 | .009 | -2.542 |
| 110 | 432 | .122 | .035 | .005 | .287 | 110 | 514 | .319 | .108 | .065 | .859 | 110 | 564 | .189 | .025 | .102 | -.333 |
| 110 | 433 | .122 | .035 | .005 | .287 | 110 | 515 | .410 | .130 | .036 | .940 | 110 | 565 | .189 | .024 | .109 | -.297 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|---------|
| 110 | 566 | -.189 | .027 | -.077 | -.331 | 110 | 616 | -.174 | .028 | -.029 | -.265 | 110 | 747 | -.168 | .020 | -.081 | -.231 |
| 110 | 567 | -.205 | .039 | -.057 | -.525 | 110 | 617 | -.162 | .049 | .038 | -.472 | 110 | 748 | -.154 | .038 | -.030 | -.369 |
| 110 | 568 | -.241 | .042 | -.080 | -.427 | 110 | 618 | -.192 | .061 | .036 | -.487 | 110 | 749 | -.160 | .043 | -.018 | -.372 |
| 110 | 569 | -.279 | .053 | -.120 | -.495 | 110 | 619 | -.205 | .068 | .069 | -.546 | 110 | 750 | -.152 | .038 | -.006 | -.331 |
| 110 | 570 | -.292 | .066 | -.084 | -.613 | 110 | 701 | -.263 | .087 | -.037 | -.818 | 110 | 751 | -.137 | .037 | -.001 | -.328 |
| 110 | 571 | -.424 | .167 | -.045 | -1.398 | 110 | 702 | -.246 | .082 | -.039 | -.937 | 110 | 752 | -.138 | .035 | -.015 | -.350 |
| 110 | 572 | -.519 | .189 | -.057 | -1.852 | 110 | 703 | -.238 | .082 | .107 | -.799 | 110 | 753 | -.153 | .036 | -.042 | -.388 |
| 110 | 573 | -.201 | .026 | -.119 | -.352 | 110 | 704 | -.249 | .079 | -.050 | -.731 | 110 | 754 | -.157 | .034 | -.018 | -.351 |
| 110 | 574 | -.225 | .037 | -.100 | -.388 | 110 | 705 | -.240 | .078 | .038 | -.733 | 110 | 755 | -.147 | .030 | -.042 | -.343 |
| 110 | 575 | -.215 | .035 | -.078 | -.393 | 110 | 706 | -.247 | .078 | .004 | -.665 | 110 | 756 | -.145 | .035 | -.026 | -.340 |
| 110 | 576 | -.177 | .024 | -.099 | -.306 | 110 | 707 | -.246 | .074 | -.032 | -.711 | 110 | 757 | -.136 | .030 | -.027 | -.260 |
| 110 | 577 | -.177 | .023 | -.100 | -.280 | 110 | 708 | -.242 | .076 | -.032 | -.690 | 110 | 758 | -.138 | .036 | -.002 | -.285 |
| 110 | 578 | -.181 | .023 | -.105 | -.275 | 110 | 709 | -.244 | .072 | -.034 | -.617 | 110 | 759 | -.142 | .038 | -.017 | -.299 |
| 110 | 579 | -.204 | .029 | -.100 | -.354 | 110 | 710 | -.245 | .067 | -.035 | -.712 | 110 | 760 | -.137 | .033 | -.029 | -.258 |
| 110 | 580 | -.188 | .030 | -.071 | -.318 | 110 | 711 | -.236 | .065 | -.081 | -.565 | 110 | 761 | -.138 | .032 | -.026 | -.282 |
| 110 | 581 | -.201 | .030 | -.076 | -.328 | 110 | 712 | -.240 | .068 | -.055 | -.735 | 110 | 762 | -.128 | .089 | -.389 | -.422 |
| 110 | 582 | -.191 | .032 | -.069 | -.316 | 110 | 713 | -.228 | .056 | -.052 | -.533 | 110 | 763 | -.117 | .067 | -.213 | -.403 |
| 110 | 583 | -.196 | .032 | -.062 | -.335 | 110 | 714 | -.229 | .058 | -.080 | -.695 | 110 | 764 | -.149 | .063 | -.109 | -.613 |
| 110 | 584 | -.195 | .046 | -.023 | -.467 | 110 | 715 | -.224 | .051 | -.055 | -.533 | 110 | 765 | -.058 | .078 | -.329 | -.256 |
| 110 | 585 | -.255 | .088 | -.018 | -.724 | 110 | 716 | -.211 | .037 | -.077 | -.388 | 110 | 766 | -.211 | .019 | -.148 | -.273 |
| 110 | 586 | -.294 | .105 | -.179 | -.842 | 110 | 717 | -.205 | .034 | -.091 | -.359 | 110 | 767 | -.075 | .064 | -.268 | -.316 |
| 110 | 587 | -.169 | .024 | -.088 | -.251 | 110 | 718 | -.205 | .036 | -.052 | -.420 | 110 | 801 | -.165 | .038 | -.014 | -.328 |
| 110 | 588 | -.177 | .025 | -.093 | -.280 | 110 | 719 | -.215 | .030 | -.109 | -.482 | 110 | 802 | -.180 | .034 | -.033 | -.328 |
| 110 | 589 | -.184 | .027 | -.090 | -.299 | 110 | 720 | -.199 | .028 | -.088 | -.391 | 110 | 803 | -.238 | .025 | -.161 | -.350 |
| 110 | 590 | -.177 | .027 | -.057 | -.282 | 110 | 721 | -.197 | .027 | -.115 | -.394 | 110 | 804 | -.181 | .028 | -.079 | -.321 |
| 110 | 591 | -.181 | .028 | -.069 | -.275 | 110 | 722 | -.193 | .026 | -.100 | -.339 | 110 | 805 | -.181 | .023 | -.082 | -.275 |
| 110 | 592 | -.176 | .023 | -.112 | -.290 | 110 | 723 | -.187 | .025 | -.105 | -.418 | 110 | 901 | -.529 | .227 | -.202 | -1.672 |
| 110 | 593 | -.175 | .020 | -.110 | -.256 | 110 | 724 | -.189 | .026 | -.079 | -.313 | 110 | 902 | -.278 | .118 | -.108 | -.896 |
| 110 | 594 | -.178 | .021 | -.112 | -.256 | 110 | 725 | -.175 | .020 | -.095 | -.274 | 110 | 903 | -.199 | .113 | -.167 | -.741 |
| 110 | 595 | -.198 | .026 | -.129 | -.338 | 110 | 726 | -.170 | .021 | -.098 | -.236 | 110 | 904 | -.169 | .097 | -.171 | -.532 |
| 110 | 596 | -.177 | .033 | -.033 | -.410 | 110 | 727 | -.170 | .020 | -.098 | -.248 | 110 | 905 | -.143 | .103 | -.346 | -.550 |
| 110 | 597 | -.177 | .040 | -.009 | -.403 | 110 | 728 | -.206 | .022 | -.137 | -.306 | 110 | 906 | -.543 | .225 | -.245 | -1.668 |
| 110 | 598 | -.228 | .072 | -.023 | -.741 | 110 | 729 | -.209 | .021 | -.138 | -.283 | 110 | 907 | -.327 | .144 | -.117 | -.997 |
| 110 | 599 | -.251 | .056 | -.013 | -.576 | 110 | 730 | -.202 | .021 | -.122 | -.287 | 110 | 908 | -.223 | .092 | -.023 | -.669 |
| 110 | 600 | -.171 | .022 | -.078 | -.254 | 110 | 731 | -.184 | .022 | -.105 | -.272 | 110 | 909 | -.165 | .104 | -.178 | -.622 |
| 110 | 601 | -.174 | .022 | -.100 | -.263 | 110 | 732 | -.180 | .021 | -.112 | -.263 | 110 | 910 | -.264 | .127 | -.083 | -1.006 |
| 110 | 602 | -.177 | .024 | -.105 | -.267 | 110 | 733 | -.181 | .020 | -.103 | -.258 | 110 | 911 | -.390 | .186 | -.135 | -1.226 |
| 110 | 603 | -.184 | .029 | -.069 | -.292 | 110 | 734 | -.182 | .021 | -.105 | -.253 | 110 | 912 | -.260 | .115 | -.043 | -.1.084 |
| 110 | 604 | -.165 | .028 | -.012 | -.272 | 110 | 735 | -.193 | .021 | -.127 | -.326 | 110 | 913 | -.073 | .061 | -.230 | -.277 |
| 110 | 605 | -.169 | .030 | -.038 | -.279 | 110 | 736 | -.196 | .024 | -.110 | -.311 | 110 | 914 | -.010 | .102 | -.543 | -.248 |
| 110 | 606 | -.164 | .029 | -.000 | -.263 | 110 | 737 | -.202 | .023 | -.117 | -.299 | 110 | 915 | -.316 | .193 | -.241 | -1.452 |
| 110 | 607 | -.173 | .018 | -.117 | -.241 | 110 | 738 | -.198 | .026 | -.093 | -.321 | 110 | 916 | -.294 | .153 | -.149 | -.965 |
| 110 | 608 | -.171 | .018 | -.112 | -.239 | 110 | 739 | -.166 | .024 | -.025 | -.246 | 110 | 917 | -.200 | .028 | -.072 | -.352 |
| 110 | 609 | -.174 | .019 | -.093 | -.265 | 110 | 740 | -.177 | .021 | -.095 | -.241 | 110 | 918 | -.189 | .024 | -.099 | -.304 |
| 110 | 610 | -.169 | .022 | -.084 | -.267 | 110 | 741 | -.178 | .020 | -.107 | -.268 | 110 | 919 | -.250 | .181 | -.593 | -1.257 |
| 110 | 611 | -.171 | .022 | -.103 | -.241 | 110 | 742 | -.177 | .019 | -.115 | -.251 | 110 | 920 | -.017 | .070 | -.379 | -.186 |
| 110 | 612 | -.176 | .022 | -.093 | -.267 | 110 | 743 | -.189 | .019 | -.124 | -.270 | 110 | 921 | -.485 | .215 | -.328 | -1.744 |
| 110 | 613 | -.177 | .028 | -.088 | -.325 | 110 | 744 | -.190 | .021 | -.115 | -.255 | 110 | 922 | -.423 | .216 | -.265 | -1.248 |
| 110 | 614 | -.172 | .028 | -.067 | -.291 | 110 | 745 | -.176 | .020 | -.103 | -.236 | 110 | 923 | -.319 | .145 | -.153 | -1.178 |
| 110 | 615 | -.172 | .030 | -.041 | -.282 | 110 | 746 | -.170 | .018 | -.093 | -.227 | 110 | 924 | -.251 | .157 | -.288 | -1.089 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 110 | 925 | -.221 | .037 | -.099 | -.596 | 120 | 121 | -.381 | .156 | -.188 | -.950 | 120 | 171 | -.546 | .366 | -.522 | -1.834 |
| 110 | 926 | -.079 | .045 | -.186 | -.219 | 120 | 122 | -.618 | .192 | -.013 | -1.386 | 120 | 172 | -.533 | .274 | -.334 | -1.732 |
| 110 | 927 | -.390 | .164 | -.214 | -1.138 | 120 | 123 | -.643 | .187 | -.047 | -1.307 | 120 | 173 | -.577 | .231 | -.144 | -1.512 |
| 110 | 928 | -.329 | .208 | -.732 | -1.165 | 120 | 124 | -.710 | .231 | -.225 | -1.545 | 120 | 174 | -.624 | .206 | -.028 | -1.667 |
| 110 | 929 | -.177 | .207 | -.788 | -.934 | 120 | 125 | -.428 | .319 | -.714 | -1.522 | 120 | 175 | -.556 | .193 | -.030 | -1.778 |
| 110 | 930 | -.240 | .045 | -.116 | -.560 | 120 | 126 | -.231 | .395 | 1.228 | -1.731 | 120 | 176 | -.460 | .195 | -.093 | -1.785 |
| 110 | 931 | -.116 | .037 | -.097 | -.265 | 120 | 127 | -.578 | .317 | -.359 | -2.524 | 120 | 177 | -.393 | .170 | -.045 | -1.482 |
| 110 | 932 | -.204 | .046 | -.065 | -.499 | 120 | 128 | -.770 | .319 | -.088 | -2.718 | 120 | 178 | -.352 | .148 | -.011 | -1.181 |
| 110 | 933 | -.120 | .044 | -.085 | -.388 | 120 | 129 | -.624 | .274 | -.070 | -2.006 | 120 | 179 | -.359 | .169 | -.033 | -1.412 |
| 110 | 934 | -.113 | .043 | -.128 | -.330 | 120 | 130 | -.228 | .145 | .432 | -.692 | 120 | 180 | -.489 | .246 | 1.198 | -.796 |
| 110 | 935 | -.184 | .025 | -.033 | -.335 | 120 | 131 | -.475 | .169 | .375 | -1.112 | 120 | 181 | -.487 | .229 | 1.147 | -.919 |
| 110 | 936 | -.180 | .021 | -.072 | -.258 | 120 | 132 | -.670 | .205 | .061 | -1.487 | 120 | 182 | -.334 | .205 | -.945 | -.398 |
| 110 | 937 | -.143 | .037 | -.014 | -.376 | 120 | 133 | -.649 | .210 | .020 | -1.623 | 120 | 183 | -.092 | .140 | -.649 | -.470 |
| 110 | 938 | -.177 | .041 | -.032 | -.410 | 120 | 134 | -.698 | .226 | .244 | -1.593 | 120 | 184 | -.157 | .131 | -.371 | -.687 |
| 110 | 939 | -.154 | .035 | -.038 | -.410 | 120 | 135 | -.592 | .344 | .649 | -1.713 | 120 | 185 | -.373 | .186 | -.450 | -.998 |
| 110 | 940 | -.126 | .045 | -.056 | -.318 | 120 | 136 | -.466 | .446 | 1.050 | -1.981 | 120 | 186 | -.659 | .219 | -.084 | -1.773 |
| 110 | 941 | -.138 | .038 | -.046 | -.350 | 120 | 137 | -.618 | .165 | .228 | -1.303 | 120 | 187 | -.657 | .240 | -.221 | -1.748 |
| 110 | 942 | -.145 | .031 | -.024 | -.340 | 120 | 138 | -.784 | .311 | -.093 | -2.167 | 120 | 188 | -.655 | .244 | -.091 | -1.565 |
| 110 | 943 | -.119 | .038 | -.068 | -.331 | 120 | 139 | -.657 | .254 | 1.109 | -2.464 | 120 | 189 | -.687 | .296 | -.193 | -2.033 |
| 110 | 944 | -.184 | .038 | -.019 | -.366 | 120 | 140 | -.559 | .262 | 1.198 | -.835 | 120 | 190 | -.584 | .333 | -.665 | -1.713 |
| 110 | 945 | -.151 | .041 | -.021 | -.398 | 120 | 141 | -.531 | .225 | 1.131 | -.706 | 120 | 191 | -.553 | .404 | -.670 | -2.114 |
| 110 | 946 | -.177 | .022 | -.079 | -.251 | 120 | 142 | -.371 | .203 | .942 | -.579 | 120 | 192 | -.482 | .254 | -.251 | -1.468 |
| 110 | 947 | -.166 | .050 | -.002 | -.420 | 120 | 143 | -.106 | .158 | .751 | -.448 | 120 | 193 | -.504 | .247 | -.327 | -1.758 |
| 110 | 948 | -.153 | .039 | -.026 | -.306 | 120 | 144 | -.207 | .138 | .283 | -.867 | 120 | 194 | -.540 | .223 | -.092 | -1.309 |
| 110 | 949 | -.172 | .037 | -.062 | -.318 | 120 | 145 | -.522 | .172 | -.061 | -1.201 | 120 | 195 | -.500 | .214 | -.227 | -1.334 |
| 110 | 950 | -.167 | .030 | -.008 | -.287 | 120 | 146 | -.718 | .214 | .068 | -1.722 | 120 | 196 | -.439 | .213 | -.158 | -1.600 |
| 110 | 951 | -.164 | .025 | -.055 | -.277 | 120 | 147 | -.713 | .215 | .058 | -1.588 | 120 | 197 | -.367 | .163 | -.092 | -1.101 |
| 110 | 952 | -.169 | .029 | -.005 | -.284 | 120 | 148 | -.732 | .202 | -.002 | -1.697 | 120 | 198 | -.347 | .151 | -.006 | -1.213 |
| 110 | 953 | -.178 | .033 | -.029 | -.330 | 120 | 149 | -.798 | .269 | -.299 | -1.949 | 120 | 199 | -.374 | .191 | -.010 | -1.382 |
| 110 | 954 | -.172 | .026 | -.065 | -.287 | 120 | 150 | -.713 | .424 | .869 | -2.327 | 120 | 200 | -.468 | .209 | 1.108 | -.808 |
| 120 | 101 | -.308 | .133 | -.700 | -.268 | 120 | 151 | -.665 | .441 | -.641 | -2.417 | 120 | 201 | -.444 | .198 | 1.170 | -.482 |
| 120 | 102 | -.247 | .175 | -.764 | -.644 | 120 | 152 | -.539 | .337 | .438 | -1.836 | 120 | 202 | -.336 | .168 | 1.017 | -.320 |
| 120 | 103 | -.127 | .168 | -.702 | -.814 | 120 | 153 | -.673 | .225 | -.076 | -1.790 | 120 | 203 | -.089 | .129 | -.616 | -.536 |
| 120 | 104 | -.068 | .153 | -.635 | -.768 | 120 | 154 | -.727 | .259 | -.076 | -2.207 | 120 | 204 | -.166 | .114 | -.416 | -.571 |
| 120 | 105 | -.221 | .150 | -.555 | -.856 | 120 | 155 | -.631 | .215 | -.090 | -1.586 | 120 | 205 | -.359 | .137 | -.072 | -.896 |
| 120 | 106 | -.651 | .212 | -.040 | -1.388 | 120 | 156 | -.479 | .159 | -.118 | -1.264 | 120 | 206 | -.631 | .205 | -.010 | -1.423 |
| 120 | 107 | -.700 | .198 | -.070 | -1.483 | 120 | 157 | -.371 | .135 | -.092 | -1.153 | 120 | 207 | -.637 | .207 | -.019 | -1.582 |
| 120 | 108 | -.752 | .240 | -.011 | -1.884 | 120 | 158 | -.320 | .143 | .063 | -1.120 | 120 | 208 | -.646 | .224 | -.067 | -1.505 |
| 120 | 109 | -.748 | .277 | -.333 | -1.976 | 120 | 159 | -.322 | .154 | .003 | -1.155 | 120 | 209 | -.671 | .252 | -.149 | -1.755 |
| 120 | 110 | -.705 | .413 | -.790 | -.338 | 120 | 160 | -.520 | .253 | 1.316 | -.977 | 120 | 210 | -.572 | .289 | -.457 | -1.507 |
| 120 | 111 | -.433 | .434 | -.714 | -2.492 | 120 | 161 | -.496 | .234 | 1.198 | -.863 | 120 | 211 | -.527 | .298 | -.270 | -1.553 |
| 120 | 112 | -.147 | .331 | 1.234 | -1.404 | 120 | 162 | -.381 | .196 | .887 | -.384 | 120 | 212 | -.466 | .233 | -.225 | -1.493 |
| 120 | 113 | -.056 | .306 | -.829 | -1.169 | 120 | 163 | -.098 | .147 | .751 | -.416 | 120 | 213 | -.449 | .178 | -.047 | -1.131 |
| 120 | 114 | -.704 | .345 | -.204 | -2.513 | 120 | 164 | -.185 | .137 | .512 | -.731 | 120 | 214 | -.455 | .072 | -.288 | -.719 |
| 120 | 115 | -.629 | .239 | -.047 | -2.003 | 120 | 165 | -.442 | .177 | -.248 | -.977 | 120 | 215 | -.441 | .197 | -.083 | -1.238 |
| 120 | 116 | -.550 | .234 | -.063 | -1.646 | 120 | 166 | -.679 | .216 | .241 | -1.685 | 120 | 216 | -.393 | .191 | -.112 | -1.343 |
| 120 | 117 | -.403 | .184 | -.031 | -1.298 | 120 | 167 | -.679 | .233 | .146 | -1.798 | 120 | 217 | -.357 | .168 | -.137 | -1.236 |
| 120 | 118 | -.372 | .175 | -.031 | -1.646 | 120 | 168 | -.671 | .253 | .239 | -.370 | 120 | 218 | -.330 | .121 | -.036 | -1.138 |
| 120 | 119 | -.351 | .157 | -.028 | -1.310 | 120 | 169 | -.719 | .277 | .438 | -.780 | 120 | 219 | -.339 | .157 | -.007 | -1.346 |
| 120 | 120 | -.142 | .145 | -.642 | -.789 | 120 | 170 | -.634 | .341 | .749 | -1.848 | 120 | 220 | -.363 | .175 | -.960 | -.221 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 120 | 221 | .341 | .163 | .969 | -.162 | 120 | 271 | -.197 | .159 | .411 | -1.078 | 120 | 321 | -.204 | .027 | -.053 | -.306 |
| 120 | 222 | .256 | .132 | .763 | -.256 | 120 | 272 | -.336 | .101 | .048 | -.821 | 120 | 322 | -.096 | .047 | -.048 | -.244 |
| 120 | 223 | .076 | .114 | .583 | -.323 | 120 | 273 | -.337 | .079 | -.076 | -.743 | 120 | 323 | -.191 | .047 | -.058 | -.407 |
| 120 | 224 | -.161 | .095 | .168 | -.571 | 120 | 274 | -.373 | .113 | -.117 | -1.010 | 120 | 324 | -.156 | .032 | -.025 | -.320 |
| 120 | 225 | -.297 | .113 | .104 | -.801 | 120 | 275 | -.355 | .096 | -.135 | -1.014 | 120 | 325 | -.163 | .035 | -.049 | -.324 |
| 120 | 226 | -.608 | .197 | -.117 | -1.582 | 120 | 276 | -.340 | .091 | -.092 | -.870 | 120 | 326 | -.153 | .036 | -.038 | -.345 |
| 120 | 227 | -.620 | .203 | -.108 | -1.796 | 120 | 277 | -.289 | .069 | -.041 | -.817 | 120 | 327 | -.151 | .061 | -.176 | -.500 |
| 120 | 228 | -.601 | .202 | -.104 | -1.586 | 120 | 278 | -.280 | .071 | -.078 | -.729 | 120 | 328 | -.161 | .037 | -.028 | -.326 |
| 120 | 229 | -.628 | .231 | -.115 | -2.122 | 120 | 279 | -.259 | .068 | -.077 | -1.022 | 120 | 329 | -.211 | .042 | -.089 | -.392 |
| 120 | 230 | -.546 | .253 | .461 | -1.414 | 120 | 280 | -.091 | .057 | .189 | -.242 | 120 | 330 | -.202 | .036 | -.113 | -.364 |
| 120 | 231 | -.490 | .314 | .402 | -2.177 | 120 | 281 | -.076 | .061 | .269 | -.259 | 120 | 331 | -.201 | .030 | -.122 | -.373 |
| 120 | 232 | -.433 | .226 | .289 | -1.429 | 120 | 282 | .091 | .099 | .536 | -.221 | 120 | 332 | -.095 | .048 | -.082 | -.249 |
| 120 | 233 | -.415 | .164 | .007 | -1.305 | 120 | 283 | .051 | .094 | .592 | -.157 | 120 | 333 | -.095 | .047 | -.120 | -.246 |
| 120 | 234 | -.425 | .167 | .069 | -1.266 | 120 | 284 | -.080 | .043 | .123 | -.202 | 120 | 334 | -.186 | .038 | -.038 | -.328 |
| 120 | 235 | -.409 | .169 | .021 | -1.353 | 120 | 285 | -.131 | .046 | .034 | -.308 | 120 | 335 | -.156 | .030 | -.047 | -.275 |
| 120 | 236 | -.326 | .154 | .076 | -1.159 | 120 | 286 | -.263 | .106 | -.023 | -.989 | 120 | 336 | -.198 | .040 | -.082 | -.448 |
| 120 | 237 | -.328 | .125 | .014 | -1.147 | 120 | 287 | -.170 | .052 | .031 | -.381 | 120 | 337 | -.182 | .029 | -.087 | -.324 |
| 120 | 238 | -.329 | .124 | .021 | -1.014 | 120 | 288 | -.158 | .049 | .020 | -.423 | 120 | 338 | -.205 | .033 | -.106 | -.418 |
| 120 | 239 | -.339 | .162 | .007 | -1.519 | 120 | 289 | -.181 | .056 | .017 | -.473 | 120 | 339 | -.196 | .039 | -.034 | -.347 |
| 120 | 240 | -.152 | .150 | .752 | -.461 | 120 | 290 | -.181 | .058 | .029 | -.400 | 120 | 340 | -.182 | .055 | .072 | -.485 |
| 120 | 241 | -.139 | .136 | .732 | -.255 | 120 | 291 | -.172 | .069 | .239 | -.546 | 120 | 341 | -.184 | .052 | .004 | -.448 |
| 120 | 242 | -.111 | .115 | .610 | -.264 | 120 | 292 | -.207 | .066 | .001 | -.567 | 120 | 342 | -.135 | .049 | .121 | -.325 |
| 120 | 243 | -.094 | .093 | .360 | -.317 | 120 | 293 | -.217 | .052 | -.037 | -.456 | 120 | 343 | -.162 | .041 | -.018 | -.291 |
| 120 | 244 | -.166 | .078 | .094 | -.480 | 120 | 294 | -.233 | .057 | .025 | -.591 | 120 | 344 | -.162 | .051 | .009 | -.395 |
| 120 | 245 | -.292 | .099 | .062 | -.702 | 120 | 295 | -.295 | .059 | -.098 | -.742 | 120 | 345 | -.167 | .051 | .012 | -.412 |
| 120 | 246 | -.578 | .200 | -.168 | -1.815 | 120 | 296 | -.293 | .055 | .086 | -.572 | 120 | 346 | -.168 | .050 | .002 | -.366 |
| 120 | 247 | -.570 | .205 | .099 | -1.553 | 120 | 297 | -.246 | .047 | .117 | -.518 | 120 | 347 | -.159 | .051 | .036 | -.470 |
| 120 | 248 | -.540 | .194 | .057 | -1.666 | 120 | 298 | -.224 | .035 | .091 | -.372 | 120 | 348 | -.123 | .055 | .186 | -.284 |
| 120 | 249 | -.551 | .212 | .018 | -1.699 | 120 | 299 | -.214 | .034 | -.110 | -.372 | 120 | 349 | -.152 | .049 | .084 | -.354 |
| 120 | 250 | -.405 | .233 | .746 | -.367 | 120 | 300 | -.110 | .045 | -.038 | -.379 | 120 | 350 | -.187 | .060 | .614 | -.553 |
| 120 | 251 | -.329 | .278 | .587 | -1.534 | 120 | 301 | -.144 | .038 | -.044 | -.478 | 120 | 351 | -.120 | .059 | .290 | -.298 |
| 120 | 252 | -.329 | .158 | .273 | -1.159 | 120 | 302 | -.187 | .043 | -.065 | -.452 | 120 | 352 | -.093 | .072 | .363 | -.267 |
| 120 | 253 | -.326 | .121 | .062 | -1.090 | 120 | 303 | -.184 | .037 | -.075 | -.339 | 120 | 353 | -.064 | .082 | .351 | -.274 |
| 120 | 254 | -.326 | .149 | .050 | -1.381 | 120 | 304 | -.166 | .039 | -.037 | -.343 | 120 | 401 | .439 | .187 | 1.234 | .889 |
| 120 | 255 | -.393 | .142 | .053 | -1.127 | 120 | 305 | -.139 | .070 | .249 | -.443 | 120 | 402 | .423 | .190 | 1.171 | .695 |
| 120 | 256 | -.354 | .131 | .009 | -1.372 | 120 | 306 | -.147 | .043 | .074 | -.296 | 120 | 403 | .488 | .189 | 1.111 | .470 |
| 120 | 257 | -.304 | .104 | .009 | -1.014 | 120 | 307 | -.176 | .040 | -.030 | -.357 | 120 | 404 | .475 | .208 | 1.074 | .279 |
| 120 | 258 | -.307 | .104 | .046 | -1.191 | 120 | 308 | -.225 | .045 | -.091 | -.497 | 120 | 405 | .618 | .223 | 1.172 | .701 |
| 120 | 259 | -.324 | .119 | .016 | -.971 | 120 | 309 | -.227 | .038 | -.105 | -.461 | 120 | 406 | .628 | .223 | 1.255 | .688 |
| 120 | 260 | -.094 | .095 | .493 | -.395 | 120 | 310 | -.101 | .054 | .152 | -.270 | 120 | 407 | .383 | .236 | .921 | .804 |
| 120 | 261 | -.014 | .094 | .365 | -.319 | 120 | 311 | -.094 | .050 | .126 | -.280 | 120 | 408 | .541 | .241 | 1.271 | .692 |
| 120 | 262 | -.013 | .080 | .415 | -.275 | 120 | 312 | -.137 | .045 | .060 | -.310 | 120 | 409 | .563 | .247 | 1.175 | .813 |
| 120 | 263 | -.043 | .074 | .291 | -.294 | 120 | 313 | -.164 | .031 | -.030 | -.291 | 120 | 410 | .376 | .232 | .903 | .866 |
| 120 | 264 | -.156 | .070 | .085 | -.450 | 120 | 314 | -.189 | .039 | -.077 | -.374 | 120 | 411 | .496 | .231 | 1.083 | .708 |
| 120 | 265 | -.245 | .085 | .016 | -.741 | 120 | 315 | -.162 | .036 | -.032 | -.306 | 120 | 412 | .513 | .245 | 1.218 | .911 |
| 120 | 266 | -.180 | .076 | -.1 | -.416 | 120 | 316 | -.147 | .069 | .095 | -.438 | 120 | 413 | .337 | .196 | .937 | .701 |
| 120 | 267 | -.436 | .166 | .032 | -1.145 | 120 | 317 | -.177 | .039 | .027 | -.402 | 120 | 414 | .470 | .215 | 1.191 | .715 |
| 120 | 268 | -.401 | .158 | -.096 | -1.278 | 120 | 318 | -.218 | .048 | -.105 | -.607 | 120 | 415 | .479 | .197 | 1.154 | .379 |
| 120 | 269 | -.379 | .156 | .007 | -1.292 | 120 | 319 | -.195 | .034 | .091 | -.379 | 120 | 416 | .274 | .170 | .849 | .298 |
| 120 | 270 | -.231 | .161 | .539 | -.915 | 120 | 320 | -.196 | .026 | -.115 | -.303 | 120 | 417 | .323 | .176 | .972 | .279 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 120 | 418 | .326 | .178 | .956 | -.286 | 120 | 501 | -.330 | .123 | -.052 | -.882 | 120 | 551 | -.676 | .117 | -.346 | -1.185 |
| 120 | 419 | .065 | .144 | .716 | -.579 | 120 | 502 | -.354 | .121 | -.089 | -1.080 | 120 | 552 | -.639 | .199 | -.233 | -1.968 |
| 120 | 420 | .132 | .145 | .736 | -.335 | 120 | 503 | -.546 | .209 | -.112 | -1.467 | 120 | 553 | -.225 | .389 | -.185 | -2.808 |
| 120 | 421 | .120 | .139 | .649 | -.394 | 120 | 504 | -.879 | .309 | -.125 | -2.063 | 120 | 554 | -1.273 | .345 | -.152 | -5.060 |
| 120 | 422 | .049 | .092 | .505 | -.368 | 120 | 505 | -.722 | .207 | -.243 | -1.964 | 120 | 555 | -.253 | .058 | -.013 | -.616 |
| 120 | 423 | .000 | .097 | .557 | -.328 | 120 | 506 | -.591 | .098 | -.266 | -1.745 | 120 | 556 | -.257 | .058 | -.099 | -.656 |
| 120 | 424 | .025 | .097 | .486 | -.331 | 120 | 507 | -.628 | .110 | -.298 | -1.338 | 120 | 557 | -.259 | .055 | -.071 | -.519 |
| 120 | 425 | .104 | .054 | .177 | -.664 | 120 | 508 | -.266 | .486 | -.026 | -2.930 | 120 | 558 | -.307 | .072 | -.037 | -.665 |
| 120 | 426 | .079 | .058 | .226 | -.389 | 120 | 509 | -.775 | .588 | -.300 | -3.668 | 120 | 559 | -.453 | .091 | -.131 | -.829 |
| 120 | 427 | .096 | .062 | .248 | -.354 | 120 | 510 | -.301 | .137 | -.089 | -.931 | 120 | 560 | -.513 | .086 | -.201 | -.850 |
| 120 | 428 | .164 | .090 | .152 | -.620 | 120 | 511 | -.299 | .116 | -.040 | -.804 | 120 | 561 | -.541 | .166 | -.173 | -1.480 |
| 120 | 429 | .162 | .093 | .171 | -.621 | 120 | 512 | -.332 | .106 | -.045 | -.868 | 120 | 562 | -.919 | .341 | -.190 | -2.397 |
| 120 | 430 | .152 | .090 | .399 | -.654 | 120 | 513 | -.436 | .114 | -.010 | -.912 | 120 | 563 | -.999 | .307 | -.222 | -5.593 |
| 120 | 431 | .176 | .069 | .128 | -.76 | 120 | 514 | -.662 | .128 | -.181 | -1.099 | 120 | 564 | -.234 | .038 | -.104 | -.475 |
| 120 | 432 | .162 | .046 | .016 | -.385 | 120 | 515 | -.766 | .110 | -.372 | -1.128 | 120 | 565 | -.230 | .041 | -.131 | -.450 |
| 120 | 433 | .149 | .052 | .210 | -.322 | 120 | 516 | -.757 | .252 | -.208 | -2.189 | 120 | 566 | -.236 | .035 | -.099 | -.475 |
| 120 | 434 | .136 | .056 | .137 | -.337 | 120 | 517 | -.519 | .371 | -.100 | -3.277 | 120 | 567 | -.258 | .045 | -.098 | -.476 |
| 120 | 435 | .145 | .058 | .186 | -.349 | 120 | 518 | -.502 | .353 | -.008 | -3.756 | 120 | 568 | -.325 | .055 | -.145 | -.570 |
| 120 | 436 | .069 | .056 | .243 | -.246 | 120 | 519 | -.300 | .103 | -.036 | -.931 | 120 | 569 | -.364 | .061 | -.117 | -.665 |
| 120 | 437 | .046 | .062 | .349 | -.198 | 120 | 520 | -.288 | .087 | -.070 | -.841 | 120 | 570 | -.399 | .127 | -.026 | -1.122 |
| 120 | 438 | .066 | .065 | .351 | -.406 | 120 | 521 | -.290 | .076 | -.056 | -.687 | 120 | 571 | -.582 | .220 | -.060 | -1.653 |
| 120 | 439 | .070 | .084 | .396 | -.279 | 120 | 522 | -.326 | .077 | -.066 | -.666 | 120 | 572 | -.657 | .216 | -.204 | -1.651 |
| 120 | 440 | .073 | .080 | .259 | -.446 | 120 | 523 | -.607 | .137 | -.116 | -1.115 | 120 | 573 | -.227 | .033 | -.062 | -.397 |
| 120 | 441 | .099 | .095 | .331 | -.552 | 120 | 524 | -.843 | .141 | -.328 | -1.361 | 120 | 574 | -.251 | .038 | -.121 | -.463 |
| 120 | 442 | .083 | .084 | .433 | -.398 | 120 | 525 | -.914 | .295 | -.321 | -1.166 | 120 | 575 | -.241 | .036 | -.109 | -.411 |
| 120 | 443 | .088 | .069 | .326 | -.323 | 120 | 526 | -.517 | .443 | -.160 | -3.362 | 120 | 576 | -.194 | .034 | -.095 | -.366 |
| 120 | 444 | .128 | .047 | .147 | -.352 | 120 | 527 | -.603 | .417 | -.082 | -4.069 | 120 | 577 | -.196 | .033 | -.073 | -.359 |
| 120 | 445 | .150 | .034 | .025 | -.296 | 120 | 528 | -.295 | .085 | -.077 | -1.128 | 120 | 578 | -.203 | .031 | -.095 | -.331 |
| 120 | 446 | .150 | .041 | .108 | -.320 | 120 | 529 | -.274 | .074 | -.096 | -.751 | 120 | 579 | -.228 | .034 | -.118 | -.390 |
| 120 | 447 | .145 | .050 | .159 | -.274 | 120 | 530 | -.275 | .070 | -.033 | -.615 | 120 | 580 | -.214 | .032 | -.106 | -.354 |
| 120 | 448 | .121 | .097 | .440 | -.405 | 120 | 531 | -.296 | .076 | -.061 | -.609 | 120 | 581 | -.229 | .032 | -.123 | -.366 |
| 120 | 449 | .123 | .081 | .295 | -.373 | 120 | 532 | -.568 | .150 | -.072 | -1.154 | 120 | 582 | -.214 | .035 | -.090 | -.390 |
| 120 | 450 | .073 | .101 | .380 | -.451 | 120 | 533 | -.839 | .141 | -.105 | -1.317 | 120 | 583 | -.216 | .035 | -.050 | -.383 |
| 120 | 451 | .013 | .115 | .530 | -.306 | 120 | 534 | -.895 | .320 | -.169 | -2.845 | 120 | 584 | -.217 | .057 | -.026 | -.628 |
| 120 | 452 | .029 | .095 | .469 | -.308 | 120 | 535 | -.512 | .467 | -.047 | -3.370 | 120 | 585 | -.310 | .125 | -.014 | -1.032 |
| 120 | 453 | .074 | .079 | .326 | -.327 | 120 | 536 | -.585 | .411 | -.082 | -3.921 | 120 | 586 | -.349 | .117 | -.038 | -1.043 |
| 120 | 454 | .118 | .056 | .111 | -.361 | 120 | 537 | -.284 | .075 | -.075 | -.834 | 120 | 587 | -.185 | .028 | -.090 | -.272 |
| 120 | 455 | .118 | .053 | .116 | -.297 | 120 | 538 | -.266 | .067 | -.081 | -.636 | 120 | 588 | -.198 | .030 | -.088 | -.328 |
| 120 | 456 | .147 | .052 | .120 | -.343 | 120 | 539 | -.268 | .066 | -.079 | -.609 | 120 | 589 | -.213 | .031 | -.114 | -.385 |
| 120 | 457 | .070 | .092 | .397 | -.316 | 120 | 540 | -.309 | .089 | -.001 | -.816 | 120 | 590 | -.199 | .030 | -.050 | -.309 |
| 120 | 458 | .072 | .078 | .300 | -.397 | 120 | 541 | -.601 | .143 | -.116 | -1.149 | 120 | 591 | -.205 | .032 | -.083 | -.333 |
| 120 | 459 | .116 | .068 | .186 | -.367 | 120 | 542 | -.806 | .131 | -.282 | -1.250 | 120 | 592 | -.194 | .030 | -.097 | -.309 |
| 120 | 460 | .095 | .072 | .317 | -.311 | 120 | 543 | -.767 | .235 | -.169 | -3.959 | 120 | 593 | -.193 | .028 | -.106 | -.333 |
| 120 | 461 | .138 | .046 | .062 | -.306 | 120 | 544 | -.448 | .418 | -.135 | -3.611 | 120 | 594 | -.194 | .027 | -.104 | -.293 |
| 120 | 462 | .226 | .033 | -.093 | -.362 | 120 | 545 | -.509 | .386 | -.201 | -3.337 | 120 | 595 | -.216 | .033 | -.123 | -.366 |
| 120 | 463 | .219 | .033 | -.095 | -.357 | 120 | 546 | -.272 | .069 | -.079 | -.712 | 120 | 596 | -.199 | .033 | -.066 | -.319 |
| 120 | 464 | .219 | .033 | .112 | -.350 | 120 | 547 | -.263 | .072 | -.067 | -1.009 | 120 | 597 | -.190 | .046 | -.035 | -.626 |
| 120 | 465 | .225 | .030 | .124 | -.338 | 120 | 548 | -.269 | .071 | -.023 | -.716 | 120 | 598 | -.270 | .099 | -.033 | -.940 |
| 120 | 466 | .228 | .030 | .132 | -.335 | 120 | 549 | -.328 | .098 | -.055 | -.979 | 120 | 599 | -.281 | .090 | -.008 | -.813 |
| 120 | 467 | .235 | .033 | .129 | -.350 | 120 | 550 | -.368 | .122 | -.136 | -1.039 | 120 | 600 | -.186 | .026 | -.085 | -.272 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 120 | 601 | -.189 | .026 | -.099 | -.274 | 120 | 732 | -.199 | .033 | -.042 | -.314 | 120 | 910 | -.322 | .139 | .064 | -1.058 |
| 120 | 602 | -.196 | .025 | -.110 | -.300 | 120 | 733 | -.209 | .032 | -.105 | -.323 | 120 | 911 | -.905 | .271 | .085 | -1.910 |
| 120 | 603 | -.215 | .028 | -.127 | -.333 | 120 | 734 | -.213 | .033 | -.078 | -.357 | 120 | 912 | -.264 | .108 | .126 | -.811 |
| 120 | 604 | -.181 | .030 | -.054 | -.275 | 120 | 735 | -.224 | .033 | -.098 | -.377 | 120 | 913 | -.005 | .080 | .500 | -.248 |
| 120 | 605 | -.184 | .030 | -.036 | -.314 | 120 | 736 | -.228 | .034 | -.112 | -.469 | 120 | 914 | -.115 | .139 | .956 | -.200 |
| 120 | 606 | -.181 | .034 | -.059 | -.324 | 120 | 737 | -.245 | .046 | -.057 | -.462 | 120 | 915 | -.791 | .316 | .220 | -2.116 |
| 120 | 607 | -.194 | .027 | -.089 | -.324 | 120 | 738 | -.235 | .055 | -.116 | -.454 | 120 | 916 | -.299 | .210 | .295 | -1.154 |
| 120 | 608 | -.192 | .028 | -.101 | -.336 | 120 | 739 | -.156 | .048 | -.137 | -.323 | 120 | 917 | -.236 | .054 | -.058 | -.617 |
| 120 | 609 | -.189 | .024 | -.094 | -.286 | 120 | 740 | -.187 | .035 | -.032 | -.343 | 120 | 918 | -.230 | .037 | .043 | -.408 |
| 120 | 610 | -.189 | .026 | -.066 | -.277 | 120 | 741 | -.201 | .031 | -.076 | -.314 | 120 | 919 | -.682 | .341 | .752 | -1.408 |
| 120 | 611 | -.189 | .025 | -.101 | -.277 | 120 | 742 | -.203 | .028 | -.100 | -.306 | 120 | 920 | -.093 | .111 | .654 | -.166 |
| 120 | 612 | -.194 | .028 | -.092 | -.344 | 120 | 743 | -.221 | .027 | -.131 | -.361 | 120 | 921 | -.888 | .203 | .231 | -1.803 |
| 120 | 613 | -.202 | .032 | -.096 | -.347 | 120 | 744 | -.227 | .031 | -.134 | -.357 | 120 | 922 | -.860 | .212 | .048 | -1.560 |
| 120 | 614 | -.193 | .032 | -.092 | -.328 | 120 | 745 | -.176 | .035 | -.016 | -.286 | 120 | 923 | -.281 | .215 | .325 | -1.158 |
| 120 | 615 | -.192 | .033 | -.045 | -.324 | 120 | 746 | -.170 | .032 | -.019 | -.285 | 120 | 924 | -.175 | .168 | .327 | -.900 |
| 120 | 616 | -.188 | .031 | -.066 | -.305 | 120 | 747 | -.170 | .034 | -.057 | -.275 | 120 | 925 | -.294 | .064 | .048 | -.591 |
| 120 | 617 | -.167 | .056 | -.108 | -.509 | 120 | 748 | -.195 | .058 | -.025 | -.546 | 120 | 926 | -.019 | .082 | -.396 | -.212 |
| 120 | 618 | -.222 | .079 | -.087 | -.699 | 120 | 749 | -.197 | .058 | -.030 | -.544 | 120 | 927 | -.730 | .204 | .052 | -1.556 |
| 120 | 619 | -.258 | .101 | -.016 | -.868 | 120 | 750 | -.187 | .053 | -.040 | -.418 | 120 | 928 | -.748 | .274 | .359 | -1.839 |
| 120 | 701 | -.338 | .134 | -.047 | -.068 | 120 | 751 | -.157 | .050 | -.050 | -.462 | 120 | 929 | -.367 | .365 | .960 | -1.501 |
| 120 | 702 | -.320 | .127 | -.039 | -.023 | 120 | 752 | -.155 | .049 | -.019 | -.466 | 120 | 930 | -.340 | .089 | .123 | -.890 |
| 120 | 703 | -.316 | .136 | -.104 | -.124 | 120 | 753 | -.187 | .043 | -.058 | -.440 | 120 | 931 | -.109 | .056 | .172 | -.321 |
| 120 | 704 | -.320 | .134 | -.050 | -.279 | 120 | 754 | -.186 | .039 | -.048 | -.446 | 120 | 932 | -.236 | .061 | .009 | -.540 |
| 120 | 705 | -.295 | .129 | -.047 | -.105 | 120 | 755 | -.175 | .040 | -.049 | -.438 | 120 | 933 | -.094 | .068 | .309 | -.347 |
| 120 | 706 | -.306 | .148 | -.037 | -.060 | 120 | 756 | -.171 | .044 | -.020 | -.350 | 120 | 934 | -.088 | .068 | .213 | -.347 |
| 120 | 707 | -.318 | .112 | -.013 | -.977 | 120 | 757 | -.159 | .042 | -.002 | -.363 | 120 | 935 | -.213 | .045 | .012 | -.415 |
| 120 | 708 | -.303 | .109 | -.077 | -.861 | 120 | 758 | -.165 | .048 | -.031 | -.367 | 120 | 936 | -.187 | .038 | .012 | -.321 |
| 120 | 709 | -.310 | .109 | -.016 | -.930 | 120 | 759 | -.168 | .049 | -.051 | -.535 | 120 | 937 | -.158 | .046 | .012 | -.359 |
| 120 | 710 | -.298 | .088 | -.020 | -.808 | 120 | 760 | -.157 | .048 | -.012 | -.398 | 120 | 938 | -.189 | .057 | .082 | -.422 |
| 120 | 711 | -.285 | .088 | -.033 | -.755 | 120 | 761 | -.160 | .050 | -.034 | -.444 | 120 | 939 | -.188 | .039 | .065 | -.354 |
| 120 | 712 | -.293 | .095 | -.053 | -.796 | 120 | 762 | -.142 | .093 | -.309 | -.603 | 120 | 940 | -.126 | .074 | .239 | -.393 |
| 120 | 713 | -.289 | .094 | -.064 | -.785 | 120 | 763 | -.113 | .071 | -.169 | -.468 | 120 | 941 | -.161 | .048 | .017 | -.354 |
| 120 | 714 | -.267 | .076 | -.069 | -.773 | 120 | 764 | -.192 | .101 | -.167 | -.924 | 120 | 942 | -.181 | .039 | -.041 | -.342 |
| 120 | 715 | -.281 | .094 | -.034 | -.847 | 120 | 765 | -.025 | .095 | -.374 | -.301 | 120 | 943 | -.126 | .062 | .217 | -.364 |
| 120 | 716 | -.273 | .082 | -.064 | -.799 | 120 | 766 | -.235 | .027 | -.133 | -.336 | 120 | 944 | -.214 | .052 | .010 | -.545 |
| 120 | 717 | -.262 | .076 | -.027 | -.741 | 120 | 767 | -.048 | .089 | -.430 | -.294 | 120 | 945 | -.156 | .045 | .034 | -.398 |
| 120 | 718 | -.277 | .090 | -.058 | -.843 | 120 | 801 | -.183 | .039 | -.005 | -.415 | 120 | 946 | -.209 | .030 | .091 | -.321 |
| 120 | 719 | -.267 | .057 | -.102 | -.545 | 120 | 802 | -.206 | .035 | -.055 | -.335 | 120 | 947 | -.152 | .044 | .012 | -.316 |
| 120 | 720 | -.251 | .064 | -.075 | -.608 | 120 | 803 | -.268 | .025 | -.188 | -.383 | 120 | 948 | -.168 | .043 | .034 | -.340 |
| 120 | 721 | -.252 | .060 | -.068 | -.852 | 120 | 804 | -.207 | .029 | -.099 | -.311 | 120 | 949 | -.204 | .049 | .031 | -.605 |
| 120 | 722 | -.243 | .052 | -.082 | -.662 | 120 | 805 | -.201 | .027 | -.116 | -.323 | 120 | 950 | -.193 | .041 | .026 | -.432 |
| 120 | 723 | -.230 | .047 | -.085 | -.509 | 120 | 901 | -1.114 | .313 | -.098 | -2.266 | 120 | 951 | -.175 | .040 | .034 | -.367 |
| 120 | 724 | -.230 | .047 | -.014 | -.490 | 120 | 902 | -.379 | .126 | -.036 | -1.129 | 120 | 952 | -.188 | .035 | .043 | -.347 |
| 120 | 725 | -.195 | .031 | -.094 | -.368 | 120 | 903 | -.276 | .073 | -.030 | -.818 | 120 | 953 | -.218 | .039 | .041 | -.441 |
| 120 | 726 | -.182 | .028 | -.031 | -.298 | 120 | 904 | -.228 | .083 | -.206 | -.710 | 120 | 954 | -.199 | .032 | .034 | -.350 |
| 120 | 727 | -.179 | .029 | -.077 | -.279 | 120 | 905 | -.105 | .102 | -.373 | -.578 | 130 | 101 | -.240 | .103 | .572 | -.117 |
| 120 | 728 | -.247 | .035 | -.132 | -.432 | 120 | 906 | -1.036 | .285 | -.357 | -2.182 | 130 | 102 | -.176 | .120 | .652 | -.200 |
| 120 | 729 | -.247 | .029 | -.148 | -.369 | 120 | 907 | -.484 | .192 | -.003 | -1.435 | 130 | 103 | -.084 | .100 | .405 | -.236 |
| 120 | 730 | -.244 | .037 | -.108 | -.418 | 120 | 908 | -.256 | .080 | -.023 | -.788 | 130 | 104 | -.113 | .083 | .205 | -.376 |
| 120 | 731 | -.197 | .038 | -.064 | -.369 | 120 | 909 | -.115 | .101 | -.268 | -.633 | 130 | 105 | -.283 | .086 | .114 | -.603 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 130 | 106 | .718 | .115 | .310 | -1.230 | 130 | 156 | .503 | .131 | -.128 | -1.133 | 130 | 206 | -.567 | .147 | -.174 | -1.510 |
| 130 | 107 | .744 | .118 | .399 | -1.315 | 130 | 157 | .498 | .140 | -.114 | -1.115 | 130 | 207 | -.577 | .148 | -.154 | -1.281 |
| 130 | 108 | .733 | .122 | .390 | -1.246 | 130 | 158 | .487 | .173 | -.068 | -1.350 | 130 | 208 | -.570 | .148 | -.170 | -1.240 |
| 130 | 109 | .735 | .125 | .355 | -1.262 | 130 | 159 | .484 | .184 | -.054 | -1.439 | 130 | 209 | -.572 | .149 | -.206 | -1.542 |
| 130 | 110 | .737 | .176 | .205 | -1.798 | 130 | 160 | .584 | .162 | 1.110 | .130 | 130 | 210 | -.595 | .156 | -.138 | -1.483 |
| 130 | 111 | .745 | .255 | .199 | -2.029 | 130 | 161 | .585 | .153 | 1.121 | -.061 | 130 | 211 | -.638 | .169 | -.070 | -1.462 |
| 130 | 112 | .553 | .201 | .570 | -1.310 | 130 | 162 | .425 | .134 | .864 | -.054 | 130 | 212 | -.548 | .147 | -.134 | -1.183 |
| 130 | 113 | .457 | .225 | .654 | -1.187 | 130 | 163 | .163 | .109 | .670 | -.139 | 130 | 213 | -.536 | .146 | -.086 | -1.168 |
| 130 | 114 | .541 | .210 | .215 | -1.470 | 130 | 164 | .139 | .096 | .222 | -.461 | 130 | 214 | -.475 | .053 | -.310 | -.728 |
| 130 | 115 | .548 | .178 | .020 | -1.834 | 130 | 165 | .390 | .116 | .026 | -.876 | 130 | 215 | -.460 | .164 | -.061 | -1.200 |
| 130 | 116 | .511 | .169 | .042 | -1.537 | 130 | 166 | .567 | .148 | -.234 | -1.230 | 130 | 216 | -.436 | .151 | -.002 | -1.414 |
| 130 | 117 | .493 | .180 | .053 | -1.269 | 130 | 167 | .585 | .154 | -.034 | -1.211 | 130 | 217 | -.412 | .120 | -.056 | -.993 |
| 130 | 118 | .493 | .182 | .053 | -1.873 | 130 | 168 | .588 | .168 | -.126 | -1.563 | 130 | 218 | -.406 | .109 | -.101 | -.921 |
| 130 | 119 | .506 | .190 | .078 | -1.509 | 130 | 169 | .599 | .175 | -.176 | -1.531 | 130 | 219 | -.406 | .128 | -.065 | -1.349 |
| 130 | 120 | .189 | .081 | .173 | -1.506 | 130 | 170 | .607 | .175 | -.006 | -1.499 | 130 | 220 | .321 | .181 | .915 | -.358 |
| 130 | 121 | .465 | .085 | .145 | -.825 | 130 | 171 | .645 | .210 | .245 | -1.715 | 130 | 221 | .310 | .165 | .832 | -.229 |
| 130 | 122 | .699 | .112 | .321 | -1.129 | 130 | 172 | .581 | .182 | .155 | -1.336 | 130 | 222 | .237 | .143 | .746 | -.207 |
| 130 | 123 | .715 | .105 | .417 | -1.203 | 130 | 173 | .573 | .199 | .309 | -1.414 | 130 | 223 | .237 | .105 | .453 | -.270 |
| 130 | 124 | .716 | .126 | .310 | -1.287 | 130 | 174 | .529 | .162 | .045 | -1.223 | 130 | 224 | -.160 | .085 | .182 | -.483 |
| 130 | 125 | .649 | .154 | .471 | -1.322 | 130 | 175 | .510 | .164 | .070 | -1.251 | 130 | 225 | -.297 | .088 | -.020 | -.628 |
| 130 | 126 | .595 | .177 | .446 | -1.232 | 130 | 176 | .472 | .158 | .054 | -1.228 | 130 | 226 | -.592 | .145 | -.249 | -1.635 |
| 130 | 127 | .541 | .215 | .320 | -1.532 | 130 | 177 | .444 | .126 | -.068 | -1.078 | 130 | 227 | -.605 | .148 | -.245 | -1.408 |
| 130 | 128 | .568 | .165 | .088 | -1.489 | 130 | 178 | .420 | .123 | -.034 | -1.126 | 130 | 228 | -.578 | .142 | -.181 | -1.771 |
| 130 | 129 | .547 | .178 | .009 | -1.448 | 130 | 179 | .435 | .140 | -.080 | -1.188 | 130 | 229 | -.607 | .158 | -.179 | -1.424 |
| 130 | 130 | .271 | .086 | .167 | -.651 | 130 | 180 | .539 | .162 | 1.160 | -.114 | 130 | 230 | -.576 | .145 | .352 | -1.288 |
| 130 | 131 | .533 | .095 | .090 | -.930 | 130 | 181 | .533 | .154 | 1.045 | -.042 | 130 | 231 | -.599 | .186 | .114 | -1.440 |
| 130 | 132 | .689 | .107 | .376 | -1.223 | 130 | 182 | .484 | .134 | .995 | -.022 | 130 | 232 | -.538 | .167 | .022 | -1.462 |
| 130 | 133 | .699 | .110 | .101 | -1.271 | 130 | 183 | .159 | .109 | .588 | -.201 | 130 | 233 | -.514 | .164 | .003 | -1.145 |
| 130 | 134 | .704 | .119 | .248 | -1.225 | 130 | 184 | .107 | .100 | .270 | -.487 | 130 | 234 | -.500 | .168 | -.003 | -1.790 |
| 130 | 135 | .708 | .142 | .329 | -1.466 | 130 | 185 | .310 | .118 | .155 | -.802 | 130 | 235 | -.471 | .164 | -.060 | -1.437 |
| 130 | 136 | .673 | .165 | .553 | -1.525 | 130 | 186 | .543 | .156 | -.121 | -1.230 | 130 | 236 | -.445 | .145 | -.035 | -1.339 |
| 130 | 137 | .633 | .108 | .253 | -1.614 | 130 | 187 | .560 | .170 | -.178 | -1.320 | 130 | 237 | -.414 | .118 | -.126 | -1.188 |
| 130 | 138 | .567 | .152 | .088 | -1.834 | 130 | 188 | .563 | .168 | -.109 | -1.361 | 130 | 238 | -.430 | .125 | -.092 | -1.154 |
| 130 | 139 | .533 | .146 | .053 | -1.203 | 130 | 189 | .563 | .185 | -.158 | -1.414 | 130 | 239 | -.451 | .157 | -.076 | -1.175 |
| 130 | 140 | .555 | .177 | 1.135 | .047 | 130 | 190 | .591 | .180 | .111 | -1.607 | 130 | 240 | .128 | .143 | .630 | -.386 |
| 130 | 141 | .521 | .153 | 1.032 | -.664 | 130 | 191 | .628 | .219 | .047 | -1.660 | 130 | 241 | .127 | .139 | .726 | -.389 |
| 130 | 142 | .387 | .131 | .968 | -.635 | 130 | 192 | .561 | .160 | .054 | -1.188 | 130 | 242 | -.088 | .124 | .689 | -.272 |
| 130 | 143 | .122 | .106 | .565 | -.296 | 130 | 193 | .558 | .195 | .161 | -1.428 | 130 | 243 | -.020 | .101 | .402 | -.329 |
| 130 | 144 | .215 | .085 | .215 | -.332 | 130 | 194 | .520 | .178 | .066 | -1.524 | 130 | 244 | -.195 | .076 | .101 | -.521 |
| 130 | 145 | .521 | .093 | .152 | -.898 | 130 | 195 | .472 | .169 | .041 | -1.456 | 130 | 245 | -.334 | .094 | .024 | -.785 |
| 130 | 146 | .668 | .121 | .193 | -1.354 | 130 | 196 | .439 | .159 | .005 | -1.374 | 130 | 246 | -.625 | .174 | -.252 | -1.569 |
| 130 | 147 | .682 | .118 | .340 | -1.418 | 130 | 197 | .403 | .122 | -.029 | -1.338 | 130 | 247 | -.616 | .169 | -.245 | -1.590 |
| 130 | 148 | .709 | .116 | .432 | -1.348 | 130 | 198 | .386 | .105 | -.052 | -.988 | 130 | 248 | -.583 | .154 | -.193 | -1.678 |
| 130 | 149 | .732 | .130 | .192 | -1.373 | 130 | 199 | .421 | .145 | -.093 | -1.367 | 130 | 249 | -.608 | .185 | -.213 | -2.073 |
| 130 | 150 | .698 | .156 | .270 | -1.596 | 130 | 200 | .473 | .168 | 1.046 | -.181 | 130 | 250 | -.524 | .187 | .357 | -1.498 |
| 130 | 151 | .711 | .149 | .163 | -1.406 | 130 | 201 | .455 | .154 | .962 | -.526 | 130 | 251 | -.469 | .224 | .466 | -1.172 |
| 130 | 152 | .600 | .192 | .312 | -1.331 | 130 | 202 | .344 | .135 | .789 | -.045 | 130 | 252 | -.474 | .155 | .188 | -1.125 |
| 130 | 153 | .604 | .169 | .068 | -1.469 | 130 | 203 | .122 | .111 | .599 | -.199 | 130 | 253 | -.465 | .145 | -.065 | -1.280 |
| 130 | 154 | .568 | .154 | .001 | -1.237 | 130 | 204 | .136 | .098 | -.263 | -.492 | 130 | 254 | -.490 | .161 | -.008 | -1.564 |
| 130 | 155 | .531 | .146 | .010 | -1.313 | 130 | 205 | .323 | .101 | -.040 | -.805 | 130 | 255 | -.469 | .157 | -.101 | -1.191 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 130 | 256 | -.456 | .155 | -.067 | -.617 | 130 | 306 | -.184 | .062 | -.390 | -.393 | 130 | 403 | .518 | .144 | .898 | .028 |
| 130 | 257 | -.419 | .125 | -.069 | -.620 | 130 | 307 | -.210 | .054 | -.060 | -.386 | 130 | 404 | .579 | .151 | 1.037 | .077 |
| 130 | 258 | -.438 | .133 | -.065 | -.625 | 130 | 308 | -.304 | .056 | -.130 | -.704 | 130 | 405 | .681 | .152 | 1.212 | .086 |
| 130 | 259 | -.451 | .135 | -.052 | -.473 | 130 | 309 | -.239 | .036 | -.125 | -.498 | 130 | 406 | .660 | .160 | 1.257 | .149 |
| 130 | 260 | -.029 | .109 | .487 | -.430 | 130 | 310 | -.121 | .070 | -.264 | -.342 | 130 | 407 | .497 | .154 | .962 | .000 |
| 130 | 261 | -.027 | .089 | .530 | -.404 | 130 | 311 | -.112 | .067 | -.166 | -.344 | 130 | 408 | .634 | .155 | 1.102 | .127 |
| 130 | 262 | -.047 | .075 | .311 | -.295 | 130 | 312 | -.176 | .045 | -.057 | -.561 | 130 | 409 | .639 | .158 | 1.129 | .097 |
| 130 | 263 | -.094 | .074 | .293 | -.359 | 130 | 313 | -.186 | .033 | -.086 | -.310 | 130 | 410 | .487 | .152 | .931 | -.105 |
| 130 | 264 | -.222 | .071 | .040 | -.569 | 130 | 314 | -.224 | .047 | -.083 | -.445 | 130 | 411 | .566 | .158 | 1.095 | .133 |
| 130 | 265 | -.317 | .088 | .010 | -.680 | 130 | 315 | -.189 | .039 | -.041 | -.371 | 130 | 412 | .590 | .158 | 1.395 | .068 |
| 130 | 266 | -.600 | .189 | .136 | -.576 | 130 | 316 | -.175 | .093 | -.217 | -.551 | 130 | 413 | .403 | .161 | .973 | -.277 |
| 130 | 267 | -.555 | .193 | .104 | -.444 | 130 | 317 | -.209 | .051 | -.119 | -.413 | 130 | 414 | .503 | .169 | 1.147 | .317 |
| 130 | 268 | -.526 | .186 | .117 | -.038 | 130 | 318 | -.295 | .037 | -.142 | -.605 | 130 | 415 | .482 | .165 | 1.016 | -.049 |
| 130 | 269 | -.489 | .174 | .083 | -.624 | 130 | 319 | -.256 | .037 | -.135 | -.509 | 130 | 416 | .315 | .170 | .930 | -.253 |
| 130 | 270 | -.308 | .186 | .717 | -.316 | 130 | 320 | -.263 | .032 | -.157 | -.401 | 130 | 417 | .390 | .180 | .975 | -.179 |
| 130 | 271 | -.264 | .177 | .537 | -.239 | 130 | 321 | -.272 | .034 | -.145 | -.470 | 130 | 418 | .375 | .176 | 1.071 | -.167 |
| 130 | 272 | -.439 | .132 | .017 | -.054 | 130 | 322 | -.113 | .066 | -.311 | -.256 | 130 | 419 | .072 | .152 | .696 | -.408 |
| 130 | 273 | -.441 | .105 | .177 | -.938 | 130 | 323 | -.217 | .064 | -.054 | -.568 | 130 | 420 | .147 | .156 | .787 | -.308 |
| 130 | 274 | -.494 | .145 | .172 | -.286 | 130 | 324 | -.179 | .034 | -.017 | -.317 | 130 | 421 | .141 | .146 | .725 | -.266 |
| 130 | 275 | -.498 | .143 | .199 | -.273 | 130 | 325 | -.197 | .040 | -.079 | -.405 | 130 | 422 | -.069 | .083 | .459 | -.369 |
| 130 | 276 | -.436 | .119 | .154 | -.298 | 130 | 326 | -.178 | .039 | -.008 | -.332 | 130 | 423 | -.021 | .091 | .541 | -.352 |
| 130 | 277 | -.364 | .090 | .047 | -.074 | 130 | 327 | -.171 | .094 | -.228 | -.513 | 130 | 424 | -.034 | .094 | .479 | -.379 |
| 130 | 278 | -.350 | .085 | .077 | -.765 | 130 | 328 | -.191 | .058 | -.080 | -.427 | 130 | 425 | .107 | .049 | .141 | -.288 |
| 130 | 279 | -.346 | .091 | .044 | -.019 | 130 | 329 | -.279 | .059 | -.039 | -.827 | 130 | 426 | -.087 | .052 | .133 | -.276 |
| 130 | 280 | -.090 | .054 | .166 | -.268 | 130 | 330 | -.255 | .041 | -.123 | -.511 | 130 | 427 | -.105 | .057 | .190 | -.320 |
| 130 | 281 | -.081 | .053 | .306 | -.278 | 130 | 331 | -.268 | .034 | -.158 | -.452 | 130 | 428 | -.182 | .108 | .089 | -.795 |
| 130 | 282 | -.110 | .119 | .947 | -.159 | 130 | 332 | -.121 | .062 | -.147 | -.292 | 130 | 429 | -.192 | .109 | .085 | -.931 |
| 130 | 283 | -.067 | .106 | .634 | -.189 | 130 | 333 | -.120 | .060 | -.247 | -.280 | 130 | 430 | -.176 | .070 | .042 | -.522 |
| 130 | 284 | -.090 | .051 | .124 | -.214 | 130 | 334 | -.203 | .053 | -.054 | -.432 | 130 | 431 | -.177 | .051 | .009 | -.512 |
| 130 | 285 | -.157 | .049 | .099 | -.315 | 130 | 335 | -.177 | .033 | -.027 | -.307 | 130 | 432 | -.180 | .041 | -.041 | -.396 |
| 130 | 286 | -.293 | .114 | -.004 | -.943 | 130 | 336 | -.261 | .052 | -.091 | -.597 | 130 | 433 | -.169 | .050 | .246 | -.358 |
| 130 | 287 | -.209 | .064 | .040 | -.539 | 130 | 337 | -.244 | .034 | -.116 | -.388 | 130 | 434 | -.170 | .056 | .144 | -.372 |
| 130 | 288 | -.196 | .059 | .050 | -.406 | 130 | 338 | -.273 | .036 | -.150 | -.442 | 130 | 435 | -.187 | .056 | .096 | -.424 |
| 130 | 289 | -.225 | .064 | .008 | -.509 | 130 | 339 | -.232 | .036 | -.101 | -.362 | 130 | 436 | -.068 | .052 | .181 | -.313 |
| 130 | 290 | -.216 | .067 | .114 | -.556 | 130 | 340 | -.220 | .055 | -.004 | -.410 | 130 | 437 | -.039 | .063 | .390 | -.251 |
| 130 | 291 | -.219 | .081 | .139 | -.800 | 130 | 341 | -.226 | .053 | -.025 | -.458 | 130 | 438 | -.056 | .068 | .348 | -.290 |
| 130 | 292 | -.262 | .075 | .067 | -.625 | 130 | 342 | -.161 | .052 | -.132 | -.339 | 130 | 439 | -.069 | .080 | .400 | -.268 |
| 130 | 293 | -.288 | .077 | .031 | -.736 | 130 | 343 | -.191 | .046 | -.013 | -.385 | 130 | 440 | -.066 | .078 | .306 | -.268 |
| 130 | 294 | -.287 | .068 | .013 | -.743 | 130 | 344 | -.212 | .056 | -.058 | -.584 | 130 | 441 | -.129 | .070 | .194 | -.660 |
| 130 | 295 | -.396 | .091 | .115 | -.906 | 130 | 345 | -.216 | .056 | -.001 | -.443 | 130 | 442 | -.110 | .064 | .325 | -.448 |
| 130 | 296 | -.388 | .081 | .164 | -.829 | 130 | 346 | -.220 | .057 | -.042 | -.484 | 130 | 443 | -.111 | .050 | .237 | -.486 |
| 130 | 297 | -.324 | .067 | .108 | -.797 | 130 | 347 | -.202 | .055 | -.025 | -.448 | 130 | 444 | -.145 | .036 | .023 | -.308 |
| 130 | 298 | -.277 | .043 | .132 | -.480 | 130 | 348 | -.147 | .062 | -.315 | -.362 | 130 | 445 | -.164 | .032 | -.049 | -.332 |
| 130 | 299 | -.265 | .050 | .103 | -.512 | 130 | 349 | -.188 | .047 | -.042 | -.370 | 130 | 446 | -.176 | .035 | -.030 | -.303 |
| 130 | 300 | -.156 | .056 | .070 | -.391 | 130 | 350 | -.214 | .065 | -.080 | -.555 | 130 | 447 | -.188 | .058 | .189 | -.367 |
| 130 | 301 | -.179 | .043 | .066 | -.499 | 130 | 351 | -.142 | .068 | -.232 | -.453 | 130 | 448 | -.170 | .113 | .460 | -.474 |
| 130 | 302 | -.238 | .055 | .103 | -.529 | 130 | 352 | -.114 | .067 | -.033 | -.343 | 130 | 449 | -.171 | .087 | .472 | -.408 |
| 130 | 303 | -.216 | .042 | .071 | -.428 | 130 | 353 | -.099 | .088 | -.353 | -.296 | 130 | 450 | -.136 | .115 | .377 | -.610 |
| 130 | 304 | -.193 | .043 | .007 | -.453 | 130 | 401 | -.460 | .159 | .969 | -.149 | 130 | 451 | -.013 | .124 | .553 | -.365 |
| 130 | 305 | -.172 | .088 | .289 | -.684 | 130 | 402 | -.448 | .151 | .942 | -.088 | 130 | 452 | -.062 | .097 | .349 | -.384 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 130 | 453 | -102 | 080 | 289 | -360 | 130 | 536 | -1365 | 371 | 332 | -3068 | 130 | 586 | -311 | 125 | 134 | -1032 |
| 130 | 454 | -152 | 058 | 085 | -422 | 130 | 537 | -468 | 123 | 003 | -1017 | 130 | 587 | -212 | 027 | -105 | -315 |
| 130 | 455 | -148 | 055 | 172 | -364 | 130 | 538 | -414 | 110 | 102 | -953 | 130 | 588 | -229 | 028 | -120 | -364 |
| 130 | 456 | -183 | 057 | 076 | -460 | 130 | 539 | -497 | 151 | 132 | -1080 | 130 | 589 | -243 | 029 | -115 | -372 |
| 130 | 457 | -098 | 092 | 415 | -345 | 130 | 540 | -747 | 173 | 252 | -1111 | 130 | 590 | -227 | 031 | -105 | -359 |
| 130 | 458 | -095 | 092 | 467 | -364 | 130 | 541 | -955 | 162 | 465 | -11540 | 130 | 591 | -231 | 032 | -076 | -354 |
| 130 | 459 | -155 | 078 | 248 | -398 | 130 | 542 | -916 | 161 | 302 | -11531 | 130 | 592 | -223 | 034 | -103 | -372 |
| 130 | 460 | -115 | 086 | 381 | -317 | 130 | 543 | -641 | 211 | 118 | -2086 | 130 | 593 | -221 | 031 | -128 | -382 |
| 130 | 461 | -245 | 049 | 076 | -360 | 130 | 544 | -164 | 493 | 355 | -3419 | 130 | 594 | -224 | 029 | -123 | -345 |
| 130 | 462 | -245 | 040 | -131 | -445 | 130 | 545 | -225 | 390 | 441 | -2794 | 130 | 595 | -255 | 036 | -100 | -409 |
| 130 | 463 | -243 | 038 | 102 | -403 | 130 | 546 | -416 | 133 | 118 | -11013 | 130 | 596 | -222 | 034 | -091 | -354 |
| 130 | 464 | -237 | 035 | 131 | -403 | 130 | 547 | -414 | 135 | 047 | -11036 | 130 | 597 | -197 | 039 | -015 | -391 |
| 130 | 465 | -233 | 032 | 119 | -386 | 130 | 548 | -505 | 133 | 133 | -985 | 130 | 598 | -252 | 105 | -035 | -892 |
| 130 | 466 | -242 | 033 | 129 | -381 | 130 | 549 | -655 | 143 | 242 | -1169 | 130 | 599 | -275 | 112 | -164 | -863 |
| 130 | 467 | -250 | 034 | 133 | -379 | 130 | 550 | -765 | 137 | 390 | -11262 | 130 | 600 | -215 | 028 | -100 | -347 |
| 130 | 501 | -179 | 175 | -086 | -1388 | 130 | 551 | -717 | 149 | 204 | -11397 | 130 | 601 | -215 | 026 | -098 | -320 |
| 130 | 502 | -691 | 182 | -220 | -343 | 130 | 552 | -545 | 195 | 060 | -2043 | 130 | 602 | -226 | 028 | -113 | -332 |
| 130 | 503 | -123 | 301 | -268 | -260 | 130 | 553 | -962 | 454 | 400 | -2622 | 130 | 603 | -219 | 030 | -114 | -369 |
| 130 | 504 | -1207 | 341 | -256 | -550 | 130 | 554 | -078 | 395 | 438 | -2622 | 130 | 604 | -202 | 030 | -101 | -327 |
| 130 | 505 | -771 | 116 | -460 | -461 | 130 | 555 | -351 | 699 | 101 | -878 | 130 | 605 | -205 | 031 | -069 | -310 |
| 130 | 506 | -629 | 082 | -403 | -929 | 130 | 556 | -347 | 093 | 065 | -807 | 130 | 606 | -201 | 031 | -054 | -346 |
| 130 | 507 | -551 | 085 | -215 | -926 | 130 | 557 | -368 | 094 | 092 | -853 | 130 | 607 | -224 | 026 | -148 | -349 |
| 130 | 508 | -804 | 425 | -210 | -235 | 130 | 558 | -444 | 109 | 133 | -919 | 130 | 608 | -219 | 030 | -131 | -366 |
| 130 | 509 | -1218 | 440 | -025 | -3193 | 130 | 559 | -531 | 104 | 261 | -1153 | 130 | 609 | -216 | 026 | -131 | -322 |
| 130 | 510 | -504 | 188 | -072 | -1178 | 130 | 560 | -517 | 100 | 190 | -939 | 130 | 610 | -216 | 026 | -135 | -317 |
| 130 | 511 | -520 | 153 | -064 | -1056 | 130 | 561 | -446 | 164 | 021 | -1670 | 130 | 611 | -216 | 027 | -126 | -297 |
| 130 | 512 | -629 | 148 | -148 | -1207 | 130 | 562 | -668 | 358 | 202 | -2244 | 130 | 612 | -226 | 026 | -135 | -332 |
| 130 | 513 | -801 | 150 | -322 | -11296 | 130 | 563 | -806 | 338 | 193 | -2043 | 130 | 613 | -236 | 034 | -135 | -378 |
| 130 | 514 | -950 | 132 | -594 | -11316 | 130 | 564 | -274 | 049 | 119 | -604 | 130 | 614 | -218 | 031 | -106 | -329 |
| 130 | 515 | -843 | 108 | -492 | -1189 | 130 | 565 | -261 | 045 | 103 | -497 | 130 | 615 | -211 | 035 | -057 | -342 |
| 130 | 516 | -533 | 129 | -202 | -11560 | 130 | 566 | -264 | 048 | 081 | -516 | 130 | 616 | -213 | 031 | -089 | -315 |
| 130 | 517 | -187 | 410 | -344 | -663 | 130 | 567 | -299 | 063 | 136 | -569 | 130 | 617 | -161 | 046 | -024 | -383 |
| 130 | 518 | -178 | 306 | -077 | -2201 | 130 | 568 | -355 | 059 | 160 | -593 | 130 | 618 | -200 | 077 | -039 | -719 |
| 130 | 519 | -400 | 128 | -057 | -1144 | 130 | 569 | -358 | 067 | 110 | -789 | 130 | 619 | -230 | 103 | -036 | -840 |
| 130 | 520 | -415 | 129 | -041 | -11028 | 130 | 570 | -303 | 103 | 149 | -1185 | 130 | 701 | -501 | 172 | -059 | -1148 |
| 130 | 521 | -512 | 173 | -095 | -11375 | 130 | 571 | -389 | 236 | 092 | -11811 | 130 | 702 | -489 | 192 | -028 | -1447 |
| 130 | 522 | -819 | 188 | -247 | -11375 | 130 | 572 | -483 | 239 | 231 | -11804 | 130 | 703 | -482 | 197 | -021 | -1451 |
| 130 | 523 | -106 | 158 | -673 | -11615 | 130 | 573 | -264 | 032 | 145 | -451 | 130 | 704 | -492 | 209 | -001 | -1367 |
| 130 | 524 | -005 | 144 | -589 | -11436 | 130 | 574 | -282 | 043 | 100 | -473 | 130 | 705 | -483 | 218 | -010 | -1463 |
| 130 | 525 | -711 | 203 | -229 | -2036 | 130 | 575 | -261 | 040 | 108 | -497 | 130 | 706 | -480 | 220 | -197 | -1713 |
| 130 | 526 | -248 | 507 | -126 | -595 | 130 | 576 | -225 | 040 | 103 | -458 | 130 | 707 | -401 | 132 | -060 | -1087 |
| 130 | 527 | -326 | 352 | -081 | -2364 | 130 | 577 | -222 | 035 | 120 | -460 | 130 | 708 | -392 | 135 | -031 | -1016 |
| 130 | 528 | -389 | 113 | -034 | -1062 | 130 | 578 | -238 | 032 | 133 | -389 | 130 | 709 | -390 | 137 | -024 | -1128 |
| 130 | 529 | -482 | 113 | -077 | -229 | 130 | 579 | -268 | 034 | 125 | -438 | 130 | 710 | -380 | 096 | -064 | -869 |
| 130 | 530 | -161 | 161 | -075 | -11357 | 130 | 580 | -249 | 033 | 115 | -382 | 130 | 711 | -357 | 100 | -021 | -953 |
| 130 | 531 | -765 | 205 | -243 | -11386 | 130 | 581 | -261 | 034 | 137 | -391 | 130 | 712 | -365 | 108 | -074 | -866 |
| 130 | 532 | -069 | 170 | -492 | -11687 | 130 | 582 | -242 | 034 | 110 | -441 | 130 | 713 | -395 | 125 | -085 | -1324 |
| 130 | 533 | -997 | 172 | -483 | -11515 | 130 | 583 | -239 | 035 | 100 | -456 | 130 | 714 | -379 | 110 | -092 | -1039 |
| 130 | 534 | -723 | 213 | -297 | -2296 | 130 | 584 | -211 | 051 | 003 | -515 | 130 | 715 | -379 | 124 | -088 | -1174 |
| 130 | 535 | -277 | 499 | -178 | -2878 | 130 | 585 | -264 | 119 | 028 | -1257 | 130 | 716 | -432 | 172 | -062 | -1916 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|--------|---------|-----|-----|---------|-------|--------|---------|-----|-----|--------|-------|--------|---------|
| 130 | 717 | - .399 | .146 | - .069 | -1 .167 | 130 | 767 | - .047 | .073 | - .323 | - .367 | 130 | 945 | - .186 | .041 | - .009 | - .412 |
| 130 | 718 | - .420 | .157 | - .098 | -1 .203 | 130 | 801 | - .194 | .034 | - .057 | - .332 | 130 | 946 | - .237 | .033 | - .068 | - .398 |
| 130 | 719 | - .397 | .128 | - .063 | -1 .656 | 130 | 802 | - .212 | .033 | - .094 | - .360 | 130 | 947 | - .190 | .045 | - .009 | - .369 |
| 130 | 720 | - .383 | .126 | - .072 | -1 .473 | 130 | 803 | - .267 | .024 | - .177 | - .388 | 130 | 948 | - .209 | .041 | - .004 | - .396 |
| 130 | 721 | - .395 | .122 | - .099 | -1 .171 | 130 | 804 | - .217 | .030 | - .113 | - .346 | 130 | 949 | - .252 | .057 | - .040 | - .588 |
| 130 | 722 | - .326 | .073 | - .121 | - .862 | 130 | 805 | - .203 | .027 | - .099 | - .374 | 130 | 950 | - .233 | .043 | - .005 | - .417 |
| 130 | 723 | - .299 | .060 | - .067 | - .589 | 130 | 901 | -1 .100 | .230 | - .472 | -2 .486 | 130 | 951 | - .199 | .040 | - .000 | - .384 |
| 130 | 724 | - .312 | .067 | - .111 | - .695 | 130 | 902 | - .593 | .129 | - .209 | -1 .004 | 130 | 952 | - .211 | .037 | - .054 | - .374 |
| 130 | 725 | - .222 | .037 | - .089 | - .413 | 130 | 903 | - .368 | .061 | - .184 | - .601 | 130 | 953 | - .259 | .047 | - .073 | - .642 |
| 130 | 726 | - .204 | .032 | - .084 | - .317 | 130 | 904 | - .358 | .078 | - .040 | - .732 | 130 | 954 | - .230 | .038 | - .073 | - .450 |
| 130 | 727 | - .207 | .033 | - .077 | - .332 | 130 | 905 | - .220 | .082 | - .226 | - .657 | 140 | 101 | - .032 | .105 | - .337 | - .404 |
| 130 | 728 | - .263 | .037 | - .145 | - .514 | 130 | 906 | -1 .047 | .198 | - .472 | -1 .842 | 140 | 102 | - .076 | .113 | - .451 | - .300 |
| 130 | 729 | - .292 | .042 | - .177 | - .499 | 130 | 907 | - .501 | .171 | - .072 | -1 .400 | 140 | 103 | - .010 | .090 | - .300 | - .350 |
| 130 | 730 | - .262 | .039 | - .143 | - .486 | 130 | 908 | - .380 | .086 | - .036 | - .741 | 140 | 104 | - .166 | .067 | - .057 | - .392 |
| 130 | 731 | - .232 | .042 | - .081 | - .381 | 130 | 909 | - .206 | .091 | - .136 | - .590 | 140 | 105 | - .302 | .059 | - .064 | - .496 |
| 130 | 732 | - .225 | .038 | - .090 | - .374 | 130 | 910 | - .450 | .126 | - .121 | -1 .146 | 140 | 106 | - .572 | .073 | - .260 | - .865 |
| 130 | 733 | - .232 | .033 | - .098 | - .369 | 130 | 911 | - .915 | .172 | - .308 | -1 .693 | 140 | 107 | - .575 | .075 | - .321 | - .947 |
| 130 | 734 | - .236 | .037 | - .114 | - .383 | 130 | 912 | - .375 | .115 | - .034 | - .894 | 140 | 108 | - .558 | .075 | - .246 | - .827 |
| 130 | 735 | - .236 | .031 | - .131 | - .426 | 130 | 913 | - .035 | .072 | - .384 | - .251 | 140 | 109 | - .557 | .079 | - .250 | - .834 |
| 130 | 736 | - .239 | .036 | - .129 | - .472 | 130 | 914 | - .091 | .137 | - .773 | - .365 | 140 | 110 | - .568 | .096 | - .208 | -1 .136 |
| 130 | 737 | - .267 | .040 | - .071 | - .448 | 130 | 915 | - .865 | .178 | - .261 | -1 .549 | 140 | 111 | - .580 | .112 | - .158 | -1 .165 |
| 130 | 738 | - .265 | .046 | - .119 | - .543 | 130 | 916 | - .525 | .172 | - .605 | -1 .130 | 140 | 112 | - .519 | .098 | - .080 | - .905 |
| 130 | 739 | - .193 | .043 | - .036 | - .336 | 130 | 917 | - .306 | .066 | - .118 | - .806 | 140 | 113 | - .489 | .094 | - .061 | - .928 |
| 130 | 740 | - .206 | .035 | - .043 | - .331 | 130 | 918 | - .260 | .044 | - .128 | - .457 | 140 | 114 | - .488 | .095 | - .000 | - .888 |
| 130 | 741 | - .212 | .033 | - .098 | - .329 | 130 | 919 | - .789 | .168 | - .191 | -1 .650 | 140 | 115 | - .443 | .079 | - .127 | - .787 |
| 130 | 742 | - .214 | .031 | - .088 | - .331 | 130 | 920 | - .064 | .124 | - .875 | - .227 | 140 | 116 | - .443 | .077 | - .177 | - .869 |
| 130 | 743 | - .270 | .036 | - .150 | - .435 | 130 | 921 | - .857 | .122 | - .479 | -1 .351 | 140 | 117 | - .424 | .082 | - .194 | - .794 |
| 130 | 744 | - .268 | .037 | - .101 | - .445 | 130 | 922 | - .870 | .130 | - .463 | -1 .403 | 140 | 118 | - .423 | .085 | - .175 | - .787 |
| 130 | 745 | - .184 | .045 | - .080 | - .354 | 130 | 923 | - .392 | .179 | - .289 | -1 .015 | 140 | 119 | - .438 | .088 | - .156 | - .843 |
| 130 | 746 | - .179 | .041 | - .009 | - .305 | 130 | 924 | - .302 | .168 | - .287 | - .869 | 140 | 120 | - .228 | .059 | - .009 | - .430 |
| 130 | 747 | - .187 | .034 | - .000 | - .310 | 130 | 925 | - .354 | .081 | - .042 | - .751 | 140 | 121 | - .431 | .057 | - .241 | - .678 |
| 130 | 748 | - .234 | .036 | - .071 | - .531 | 130 | 926 | - .065 | .088 | - .373 | - .275 | 140 | 122 | - .552 | .068 | - .335 | - .794 |
| 130 | 749 | - .235 | .037 | - .079 | - .626 | 130 | 927 | - .737 | .119 | - .355 | -1 .340 | 140 | 123 | - .561 | .071 | - .305 | - .796 |
| 130 | 750 | - .229 | .050 | - .031 | - .495 | 130 | 928 | - .727 | .119 | - .380 | -1 .349 | 140 | 124 | - .558 | .072 | - .295 | - .921 |
| 130 | 751 | - .215 | .063 | - .065 | - .505 | 130 | 929 | - .639 | .149 | - .318 | -1 .245 | 140 | 125 | - .547 | .080 | - .288 | - .950 |
| 130 | 752 | - .223 | .066 | - .091 | - .498 | 130 | 930 | - .387 | .100 | - .151 | -1 .097 | 140 | 126 | - .538 | .086 | - .156 | - .921 |
| 130 | 753 | - .228 | .043 | - .081 | - .441 | 130 | 931 | - .151 | .063 | - .361 | - .407 | 140 | 127 | - .526 | .096 | - .277 | -1 .006 |
| 130 | 754 | - .213 | .047 | - .049 | - .440 | 130 | 932 | - .287 | .074 | - .076 | - .585 | 140 | 128 | - .467 | .078 | - .172 | - .773 |
| 130 | 755 | - .216 | .042 | - .057 | - .405 | 130 | 933 | - .144 | .050 | - .136 | - .358 | 140 | 129 | - .457 | .075 | - .111 | - .777 |
| 130 | 756 | - .216 | .047 | - .002 | - .498 | 130 | 934 | - .149 | .059 | - .145 | - .450 | 140 | 130 | - .292 | .055 | - .054 | - .470 |
| 130 | 757 | - .199 | .044 | - .009 | - .367 | 130 | 935 | - .261 | .045 | - .073 | - .436 | 140 | 131 | - .487 | .058 | - .307 | - .704 |
| 130 | 758 | - .210 | .052 | - .067 | - .407 | 130 | 936 | - .230 | .037 | - .087 | - .343 | 140 | 132 | - .521 | .075 | - .286 | - .825 |
| 130 | 759 | - .221 | .057 | - .031 | - .545 | 130 | 937 | - .204 | .041 | - .057 | - .388 | 140 | 133 | - .531 | .077 | - .281 | - .879 |
| 130 | 760 | - .205 | .052 | - .064 | - .429 | 130 | 938 | - .240 | .068 | - .114 | - .647 | 140 | 134 | - .548 | .075 | - .302 | - .827 |
| 130 | 761 | - .209 | .053 | - .009 | - .433 | 130 | 939 | - .231 | .039 | - .094 | - .460 | 140 | 135 | - .543 | .066 | - .257 | - .843 |
| 130 | 762 | - .137 | .103 | - .240 | - .663 | 130 | 940 | - .174 | .071 | - .197 | - .497 | 140 | 136 | - .565 | .089 | - .183 | -1 .074 |
| 130 | 763 | - .090 | .072 | - .313 | - .512 | 130 | 941 | - .211 | .042 | - .028 | - .417 | 140 | 137 | - .566 | .057 | - .361 | - .779 |
| 130 | 764 | - .157 | .112 | - .102 | - .863 | 130 | 942 | - .222 | .038 | - .078 | - .419 | 140 | 138 | - .485 | .081 | - .104 | - .832 |
| 130 | 765 | - .024 | .087 | - .411 | - .320 | 130 | 943 | - .172 | .062 | - .221 | - .417 | 140 | 139 | - .464 | .075 | - .109 | - .730 |
| 130 | 766 | - .274 | .036 | - .152 | - .415 | 130 | 944 | - .268 | .057 | - .083 | - .531 | 140 | 140 | - .302 | .174 | - .848 | - .394 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 140 | 141 | .350 | .151 | .846 | -.163 | 140 | 191 | -.540 | .117 | -.163 | -1.224 | 140 | 241 | -.013 | .134 | .609 | -.695 |
| 140 | 142 | .231 | .107 | .621 | -.149 | 140 | 192 | -.527 | .100 | -.204 | -.985 | 140 | 242 | -.011 | .115 | .501 | -.362 |
| 140 | 143 | .023 | .079 | .284 | -.227 | 140 | 193 | -.543 | .131 | -.063 | -1.214 | 140 | 243 | -.090 | .098 | .264 | -.465 |
| 140 | 144 | -.246 | .053 | .005 | -.439 | 140 | 194 | -.535 | .120 | -.123 | -1.092 | 140 | 244 | -.243 | .079 | .106 | -.613 |
| 140 | 145 | -.470 | .062 | -.260 | -.711 | 140 | 195 | -.476 | .101 | -.197 | -1.123 | 140 | 245 | -.357 | .092 | -.049 | -.740 |
| 140 | 146 | -.506 | .068 | -.312 | -.754 | 140 | 196 | -.452 | .085 | -.145 | -1.066 | 140 | 246 | -.619 | .176 | -.239 | -.1483 |
| 140 | 147 | -.513 | .068 | -.303 | -.781 | 140 | 197 | -.428 | .073 | -.182 | -.769 | 140 | 247 | -.611 | .180 | -.166 | -.1598 |
| 140 | 148 | -.552 | .073 | -.334 | -.835 | 140 | 198 | -.420 | .078 | -.211 | -.924 | 140 | 248 | -.577 | .178 | -.190 | -.2077 |
| 140 | 149 | -.534 | .068 | -.275 | -.804 | 140 | 199 | -.433 | .081 | -.187 | -.938 | 140 | 249 | -.577 | .179 | -.089 | -.1469 |
| 140 | 150 | -.541 | .071 | -.280 | -.989 | 140 | 200 | -.281 | .228 | -.882 | -.692 | 140 | 250 | -.456 | .186 | -.376 | -.1321 |
| 140 | 151 | -.563 | .071 | -.371 | -.983 | 140 | 201 | -.247 | .188 | -.744 | -.692 | 140 | 251 | -.388 | .224 | -.445 | -.1304 |
| 140 | 152 | -.539 | .094 | -.012 | -1.063 | 140 | 202 | -.221 | .144 | -.663 | -.336 | 140 | 252 | -.456 | .154 | -.021 | -.1267 |
| 140 | 153 | -.539 | .099 | -.083 | -1.049 | 140 | 203 | -.210 | .104 | -.416 | -.336 | 140 | 253 | -.429 | .128 | -.098 | -.1074 |
| 140 | 154 | -.483 | .080 | -.161 | -.904 | 140 | 204 | -.207 | .079 | -.075 | -.571 | 140 | 254 | -.451 | .150 | -.047 | -.1257 |
| 140 | 155 | -.463 | .074 | -.182 | -.797 | 140 | 205 | -.206 | .079 | -.129 | -.725 | 140 | 255 | -.445 | .146 | -.033 | -.1220 |
| 140 | 156 | -.449 | .062 | -.192 | -.683 | 140 | 206 | -.207 | .107 | -.306 | -1.138 | 140 | 256 | -.439 | .144 | -.103 | -.1170 |
| 140 | 157 | -.449 | .072 | -.280 | -.980 | 140 | 207 | -.207 | .102 | -.288 | -1.167 | 140 | 257 | -.434 | .103 | -.072 | -.952 |
| 140 | 158 | -.430 | .091 | -.204 | -.980 | 140 | 208 | -.208 | .100 | -.299 | -1.092 | 140 | 258 | -.414 | .109 | -.070 | -.1217 |
| 140 | 159 | -.431 | .095 | -.223 | -1.061 | 140 | 209 | -.209 | .105 | -.285 | -1.200 | 140 | 259 | -.424 | .130 | -.101 | -.1170 |
| 140 | 160 | -.394 | .177 | -.945 | -1.038 | 140 | 210 | -.209 | .104 | -.168 | -1.073 | 140 | 260 | -.115 | .104 | -.351 | -.717 |
| 140 | 161 | -.395 | .146 | -.848 | -.300 | 140 | 211 | -.211 | .112 | -.161 | -1.151 | 140 | 261 | -.084 | .089 | -.355 | -.453 |
| 140 | 162 | -.388 | .111 | -.677 | -.002 | 140 | 212 | -.212 | .124 | -.164 | -1.099 | 140 | 262 | -.090 | .072 | -.339 | -.319 |
| 140 | 163 | -.059 | .088 | -.461 | -.211 | 140 | 213 | -.213 | .123 | -.180 | -1.052 | 140 | 263 | -.131 | .068 | -.313 | -.449 |
| 140 | 164 | -.173 | .057 | -.041 | -.415 | 140 | 214 | -.214 | .059 | -.353 | -1.709 | 140 | 264 | -.232 | .071 | -.181 | -.510 |
| 140 | 165 | -.354 | .057 | -.163 | -.949 | 140 | 215 | -.215 | .129 | -.163 | -1.361 | 140 | 265 | -.303 | .081 | -.031 | -.771 |
| 140 | 166 | -.437 | .076 | -.242 | -.887 | 140 | 216 | -.216 | .115 | -.184 | -1.146 | 140 | 266 | -.532 | .168 | -.294 | -.1372 |
| 140 | 167 | -.465 | .073 | -.275 | -.887 | 140 | 217 | -.217 | .096 | -.172 | -.886 | 140 | 267 | -.474 | .153 | -.017 | -.1243 |
| 140 | 168 | -.456 | .076 | -.249 | -.894 | 140 | 218 | -.218 | .105 | -.217 | -.078 | 140 | 268 | -.450 | .151 | -.075 | -.1365 |
| 140 | 169 | -.473 | .076 | -.275 | -.894 | 140 | 219 | -.219 | .133 | -.144 | -1.549 | 140 | 269 | -.424 | .148 | -.009 | -.1455 |
| 140 | 170 | -.502 | .082 | -.275 | -.866 | 140 | 220 | -.220 | .181 | -.764 | -.582 | 140 | 270 | -.306 | .137 | -.287 | -.1078 |
| 140 | 171 | -.515 | .098 | -.209 | -1.428 | 140 | 221 | -.221 | .159 | -.874 | -.413 | 140 | 271 | -.275 | .141 | -.344 | -.1031 |
| 140 | 172 | -.514 | .095 | -.095 | -.961 | 140 | 222 | -.222 | .117 | -.659 | -.299 | 140 | 272 | -.389 | .112 | -.040 | -.982 |
| 140 | 173 | -.334 | .118 | -.107 | -.198 | 140 | 223 | -.223 | .022 | -.456 | -.371 | 140 | 273 | -.377 | .101 | -.077 | -.1010 |
| 140 | 174 | -.491 | .093 | -.185 | -1.000 | 140 | 224 | -.224 | .087 | -.138 | -.529 | 140 | 274 | -.396 | .124 | -.105 | -.1295 |
| 140 | 175 | -.471 | .085 | -.128 | -.804 | 140 | 225 | -.225 | .087 | -.049 | -.730 | 140 | 275 | -.377 | .112 | -.108 | -.921 |
| 140 | 176 | -.435 | .073 | -.185 | -.800 | 140 | 226 | -.226 | .139 | -.134 | -.637 | 140 | 276 | -.383 | .121 | -.117 | -.1022 |
| 140 | 177 | -.416 | .063 | -.190 | -.788 | 140 | 227 | -.227 | .132 | -.278 | -.133 | 140 | 277 | -.346 | .075 | -.145 | -.996 |
| 140 | 178 | -.408 | .066 | -.211 | -.716 | 140 | 228 | -.228 | .132 | -.248 | -1.438 | 140 | 278 | -.322 | .065 | -.069 | -.802 |
| 140 | 179 | -.421 | .075 | -.204 | -.776 | 140 | 229 | -.229 | .138 | -.285 | -1.382 | 140 | 279 | -.356 | .079 | -.116 | -.831 |
| 140 | 180 | -.333 | .195 | 1.087 | -.584 | 140 | 230 | -.230 | .155 | -.245 | -1.314 | 140 | 280 | -.085 | .048 | -.224 | -.276 |
| 140 | 181 | -.362 | .160 | -.869 | -.334 | 140 | 231 | -.231 | .172 | -.472 | -1.242 | 140 | 281 | -.078 | .049 | -.189 | -.241 |
| 140 | 182 | -.246 | .125 | -.662 | -.142 | 140 | 232 | -.232 | .155 | -.123 | -.269 | 140 | 282 | -.023 | .105 | -.088 | -.223 |
| 140 | 183 | -.046 | .089 | -.397 | -.294 | 140 | 233 | -.233 | .148 | -.084 | -.377 | 140 | 283 | -.008 | .099 | -.088 | -.263 |
| 140 | 184 | -.165 | .067 | -.081 | -.441 | 140 | 234 | -.234 | .157 | -.096 | -1.288 | 140 | 284 | -.134 | .046 | -.071 | -.276 |
| 140 | 185 | -.318 | .068 | -.104 | -.461 | 140 | 235 | -.235 | .158 | -.065 | -1.458 | 140 | 285 | -.181 | .049 | -.076 | -.366 |
| 140 | 186 | -.478 | .084 | -.218 | -.933 | 140 | 236 | -.236 | .137 | -.098 | -1.455 | 140 | 286 | -.332 | .102 | -.097 | -.926 |
| 140 | 187 | -.488 | .093 | -.266 | -1.034 | 140 | 237 | -.237 | .105 | -.159 | -1.003 | 140 | 287 | -.320 | .055 | -.045 | -.554 |
| 140 | 188 | -.477 | .082 | -.237 | -.880 | 140 | 238 | -.238 | .115 | -.157 | -1.189 | 140 | 288 | -.214 | .052 | -.036 | -.429 |
| 140 | 189 | -.485 | .090 | -.235 | -.880 | 140 | 239 | -.239 | .132 | -.152 | -1.041 | 140 | 289 | -.233 | .059 | -.020 | -.494 |
| 140 | 190 | -.516 | .095 | -.247 | -1.058 | 140 | 240 | -.240 | .144 | -.612 | -.611 | 140 | 290 | -.237 | .060 | -.011 | -.477 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 140 | 291 | 252 | 069 | 063 | 610 | 140 | 341 | 217 | 048 | 023 | 415 | 140 | 438 | 073 | 059 | 250 | 248 |
| 140 | 292 | 287 | 063 | 129 | 557 | 140 | 342 | 165 | 049 | 041 | 304 | 140 | 439 | 081 | 070 | 253 | 279 |
| 140 | 293 | 308 | 064 | 023 | 577 | 140 | 343 | 197 | 048 | 011 | 399 | 140 | 440 | 084 | 069 | 295 | 256 |
| 140 | 294 | 316 | 062 | 060 | 705 | 140 | 344 | 217 | 049 | 028 | 489 | 140 | 441 | 111 | 058 | 142 | 536 |
| 140 | 295 | 375 | 074 | 143 | 805 | 140 | 345 | 218 | 048 | 021 | 423 | 140 | 442 | 100 | 055 | 189 | 413 |
| 140 | 296 | 384 | 076 | 138 | 783 | 140 | 346 | 219 | 052 | 043 | 492 | 140 | 443 | 094 | 044 | 211 | 297 |
| 140 | 297 | 360 | 072 | 155 | 720 | 140 | 347 | 209 | 050 | 007 | 415 | 140 | 444 | 126 | 036 | 105 | 277 |
| 140 | 298 | 279 | 045 | 109 | 446 | 140 | 348 | 165 | 050 | 110 | 314 | 140 | 445 | 143 | 032 | 034 | 294 |
| 140 | 299 | 250 | 047 | 080 | 534 | 140 | 349 | 182 | 045 | 011 | 336 | 140 | 446 | 152 | 043 | 103 | 371 |
| 140 | 300 | 183 | 059 | 038 | 439 | 140 | 350 | 194 | 069 | 078 | 529 | 140 | 447 | 150 | 080 | 184 | 354 |
| 140 | 301 | 223 | 049 | 090 | 562 | 140 | 351 | 162 | 062 | 272 | 336 | 140 | 448 | 231 | 079 | 399 | 494 |
| 140 | 302 | 316 | 071 | 155 | 848 | 140 | 352 | 159 | 078 | 313 | 359 | 140 | 449 | 219 | 065 | 192 | 413 |
| 140 | 303 | 269 | 045 | 107 | 524 | 140 | 353 | 154 | 075 | 547 | 361 | 140 | 450 | 188 | 106 | 345 | 531 |
| 140 | 304 | 231 | 042 | 077 | 431 | 140 | 401 | 506 | 160 | 976 | 066 | 140 | 451 | 084 | 131 | 555 | 455 |
| 140 | 305 | 154 | 092 | 367 | 527 | 140 | 402 | 461 | 156 | 943 | 054 | 140 | 452 | 098 | 099 | 315 | 455 |
| 140 | 306 | 190 | 073 | 304 | 504 | 140 | 403 | 485 | 145 | 1001 | 051 | 140 | 453 | 147 | 090 | 244 | 435 |
| 140 | 307 | 233 | 067 | 073 | 512 | 140 | 404 | 695 | 170 | 1197 | 101 | 140 | 454 | 166 | 065 | 123 | 450 |
| 140 | 308 | 352 | 066 | 160 | 680 | 140 | 405 | 687 | 161 | 1143 | 038 | 140 | 455 | 157 | 058 | 103 | 343 |
| 140 | 309 | 254 | 034 | 156 | 467 | 140 | 406 | 650 | 162 | 1206 | 085 | 140 | 456 | 155 | 077 | 147 | 446 |
| 140 | 310 | 125 | 093 | 459 | 401 | 140 | 407 | 604 | 169 | 1089 | 024 | 140 | 457 | 147 | 078 | 422 | 380 |
| 140 | 311 | 113 | 095 | 372 | 369 | 140 | 408 | 664 | 153 | 1124 | 221 | 140 | 458 | 146 | 072 | 241 | 409 |
| 140 | 312 | 228 | 056 | 027 | 569 | 140 | 409 | 636 | 168 | 1085 | 139 | 140 | 459 | 205 | 073 | 088 | 459 |
| 140 | 313 | 237 | 039 | 110 | 429 | 140 | 410 | 629 | 178 | 1190 | 226 | 140 | 460 | 168 | 081 | 251 | 397 |
| 140 | 314 | 270 | 046 | 148 | 509 | 140 | 411 | 577 | 175 | 1108 | 025 | 140 | 461 | 141 | 080 | 135 | 392 |
| 140 | 315 | 232 | 041 | 102 | 424 | 140 | 412 | 579 | 176 | 1136 | 121 | 140 | 462 | 255 | 039 | 127 | 449 |
| 140 | 316 | 142 | 093 | 194 | 665 | 140 | 413 | 393 | 212 | 984 | 640 | 140 | 463 | 248 | 037 | 140 | 377 |
| 140 | 317 | 231 | 062 | 000 | 529 | 140 | 414 | 453 | 205 | 1038 | 491 | 140 | 464 | 240 | 035 | 137 | 372 |
| 140 | 318 | 358 | 073 | 175 | 788 | 140 | 415 | 439 | 199 | 996 | 254 | 140 | 465 | 236 | 032 | 110 | 390 |
| 140 | 319 | 291 | 035 | 170 | 456 | 140 | 416 | 174 | 203 | 873 | 520 | 140 | 466 | 245 | 032 | 085 | 392 |
| 140 | 320 | 296 | 033 | 190 | 472 | 140 | 417 | 176 | 193 | 841 | 377 | 140 | 467 | 252 | 033 | 115 | 387 |
| 140 | 321 | 292 | 036 | 185 | 454 | 140 | 418 | 180 | 189 | 783 | 440 | 140 | 501 | 589 | 122 | 224 | 162 |
| 140 | 322 | 109 | 086 | 244 | 323 | 140 | 419 | 005 | 131 | 666 | 415 | 140 | 502 | 722 | 134 | 313 | 334 |
| 140 | 323 | 296 | 091 | 090 | 640 | 140 | 420 | 014 | 125 | 750 | 402 | 140 | 503 | 092 | 244 | 384 | 918 |
| 140 | 324 | 227 | 039 | 100 | 419 | 140 | 421 | 008 | 129 | 697 | 399 | 140 | 504 | 006 | 219 | 495 | 128 |
| 140 | 325 | 238 | 043 | 090 | 456 | 140 | 422 | 072 | 081 | 343 | 455 | 140 | 505 | 717 | 088 | 478 | 072 |
| 140 | 326 | 221 | 040 | 083 | 436 | 140 | 423 | 047 | 082 | 499 | 394 | 140 | 506 | 546 | 071 | 302 | 825 |
| 140 | 327 | 103 | 096 | 302 | 521 | 140 | 424 | 058 | 080 | 363 | 334 | 140 | 507 | 392 | 087 | 009 | 669 |
| 140 | 328 | 177 | 056 | 122 | 426 | 140 | 425 | 100 | 049 | 197 | 316 | 140 | 508 | 187 | 178 | 262 | 376 |
| 140 | 329 | 333 | 063 | 138 | 681 | 140 | 426 | 077 | 056 | 290 | 407 | 140 | 509 | 355 | 322 | 481 | 612 |
| 140 | 330 | 291 | 042 | 130 | 503 | 140 | 427 | 093 | 057 | 239 | 379 | 140 | 510 | 517 | 103 | 203 | 058 |
| 140 | 331 | 311 | 037 | 190 | 476 | 140 | 428 | 135 | 087 | 155 | 850 | 140 | 511 | 571 | 098 | 245 | 971 |
| 140 | 332 | 130 | 089 | 202 | 365 | 140 | 429 | 133 | 079 | 160 | 939 | 140 | 512 | 785 | 116 | 382 | 140 |
| 140 | 333 | 118 | 089 | 312 | 355 | 140 | 430 | 136 | 061 | 145 | 497 | 140 | 513 | 941 | 131 | 565 | 301 |
| 140 | 334 | 280 | 078 | 069 | 616 | 140 | 431 | 151 | 050 | 093 | 433 | 140 | 514 | 974 | 120 | 662 | 310 |
| 140 | 335 | 228 | 040 | 078 | 421 | 140 | 432 | 159 | 040 | 014 | 393 | 140 | 515 | 717 | 107 | 417 | 056 |
| 140 | 336 | 317 | 058 | 138 | 631 | 140 | 433 | 140 | 058 | 199 | 354 | 140 | 516 | 307 | 108 | 200 | 613 |
| 140 | 337 | 273 | 034 | 163 | 436 | 140 | 434 | 130 | 073 | 318 | 361 | 140 | 517 | 233 | 378 | 540 | 536 |
| 140 | 338 | 309 | 039 | 175 | 491 | 140 | 435 | 151 | 087 | 216 | 401 | 140 | 518 | 383 | 373 | 577 | 654 |
| 140 | 339 | 227 | 041 | 058 | 359 | 140 | 436 | 077 | 049 | 187 | 241 | 140 | 519 | 475 | 101 | 137 | 914 |
| 140 | 340 | 211 | 047 | 045 | 388 | 140 | 437 | 059 | 057 | 431 | 203 | 140 | 520 | 549 | 135 | 155 | 140 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 140 | 521 | 843 | 180 | 299 | 395 | 140 | 571 | 224 | 196 | 519 | 375 | 140 | 702 | 470 | 096 | 179 | 984 |
| 140 | 522 | 936 | 158 | 452 | 536 | 140 | 572 | 259 | 218 | 438 | 211 | 140 | 703 | 475 | 102 | 168 | 017 |
| 140 | 523 | 138 | 140 | 683 | 569 | 140 | 573 | 275 | 033 | 165 | 424 | 140 | 704 | 486 | 107 | 179 | 342 |
| 140 | 524 | 865 | 130 | 474 | 317 | 140 | 574 | 285 | 040 | 165 | 440 | 140 | 705 | 474 | 096 | 168 | 890 |
| 140 | 525 | 417 | 130 | 049 | 794 | 140 | 575 | 254 | 041 | 042 | 402 | 140 | 706 | 468 | 093 | 198 | 022 |
| 140 | 526 | 262 | 371 | 516 | 906 | 140 | 576 | 235 | 039 | 098 | 409 | 140 | 707 | 445 | 105 | 184 | 178 |
| 140 | 527 | 498 | 435 | 928 | 165 | 140 | 577 | 237 | 037 | 109 | 409 | 140 | 708 | 433 | 087 | 165 | 013 |
| 140 | 528 | 475 | 108 | 153 | 957 | 140 | 578 | 252 | 032 | 133 | 487 | 140 | 709 | 434 | 092 | 151 | 868 |
| 140 | 529 | 559 | 148 | 210 | 341 | 140 | 579 | 278 | 034 | 150 | 480 | 140 | 710 | 447 | 100 | 211 | 238 |
| 140 | 530 | 819 | 183 | 309 | 477 | 140 | 580 | 251 | 030 | 118 | 409 | 140 | 711 | 434 | 103 | 172 | 358 |
| 140 | 531 | 949 | 173 | 514 | 574 | 140 | 581 | 272 | 032 | 128 | 442 | 140 | 712 | 435 | 112 | 104 | 368 |
| 140 | 532 | 128 | 157 | 627 | 640 | 140 | 582 | 249 | 031 | 113 | 407 | 140 | 713 | 485 | 154 | 182 | 002 |
| 140 | 533 | 975 | 150 | 474 | 376 | 140 | 583 | 238 | 033 | 098 | 424 | 140 | 714 | 476 | 138 | 153 | 446 |
| 140 | 534 | 450 | 143 | 090 | 999 | 140 | 584 | 200 | 061 | 068 | 553 | 140 | 715 | 464 | 137 | 127 | 420 |
| 140 | 535 | 420 | 434 | 474 | 238 | 140 | 585 | 210 | 122 | 182 | 885 | 140 | 716 | 502 | 193 | 071 | 099 |
| 140 | 536 | 640 | 435 | 620 | 182 | 140 | 586 | 251 | 127 | 222 | 799 | 140 | 717 | 486 | 192 | 101 | 777 |
| 140 | 537 | 500 | 138 | 134 | 296 | 140 | 587 | 225 | 028 | 103 | 329 | 140 | 718 | 491 | 187 | 059 | 659 |
| 140 | 538 | 523 | 130 | 189 | 075 | 140 | 588 | 241 | 029 | 123 | 347 | 140 | 719 | 435 | 173 | 118 | 175 |
| 140 | 539 | 725 | 159 | 290 | 383 | 140 | 589 | 254 | 028 | 145 | 402 | 140 | 720 | 412 | 130 | 093 | 066 |
| 140 | 540 | 931 | 173 | 469 | 827 | 140 | 590 | 237 | 031 | 123 | 382 | 140 | 721 | 428 | 146 | 103 | 331 |
| 140 | 541 | 993 | 172 | 516 | 880 | 140 | 591 | 237 | 030 | 128 | 359 | 140 | 722 | 336 | 061 | 153 | 726 |
| 140 | 542 | 780 | 155 | 264 | 331 | 140 | 592 | 235 | 038 | 067 | 397 | 140 | 723 | 315 | 050 | 143 | 596 |
| 140 | 543 | 419 | 148 | 132 | 343 | 140 | 593 | 235 | 034 | 105 | 384 | 140 | 724 | 314 | 057 | 170 | 743 |
| 140 | 544 | 499 | 463 | 426 | 151 | 140 | 594 | 240 | 031 | 132 | 379 | 140 | 725 | 318 | 034 | 070 | 370 |
| 140 | 545 | 615 | 450 | 660 | 944 | 140 | 595 | 271 | 037 | 155 | 555 | 140 | 726 | 211 | 032 | 105 | 353 |
| 140 | 546 | 482 | 148 | 172 | 225 | 140 | 596 | 225 | 031 | 067 | 344 | 140 | 727 | 218 | 032 | 103 | 348 |
| 140 | 547 | 509 | 146 | 149 | 167 | 140 | 597 | 193 | 040 | 094 | 460 | 140 | 728 | 276 | 041 | 167 | 471 |
| 140 | 548 | 615 | 151 | 229 | 238 | 140 | 598 | 218 | 101 | 126 | 091 | 140 | 729 | 279 | 043 | 156 | 492 |
| 140 | 549 | 722 | 147 | 393 | 496 | 140 | 599 | 169 | 087 | 100 | 656 | 140 | 730 | 273 | 036 | 155 | 427 |
| 140 | 550 | 753 | 145 | 388 | 349 | 140 | 600 | 221 | 027 | 103 | 314 | 140 | 731 | 229 | 039 | 073 | 372 |
| 140 | 551 | 584 | 137 | 120 | 079 | 140 | 601 | 224 | 025 | 128 | 316 | 140 | 732 | 233 | 042 | 103 | 429 |
| 140 | 552 | 374 | 153 | 223 | 439 | 140 | 602 | 234 | 025 | 132 | 348 | 140 | 733 | 231 | 035 | 103 | 419 |
| 140 | 553 | 457 | 431 | 545 | 094 | 140 | 603 | 224 | 030 | 098 | 352 | 140 | 734 | 235 | 037 | 103 | 414 |
| 140 | 554 | 581 | 436 | 767 | 658 | 140 | 604 | 209 | 029 | 045 | 330 | 140 | 735 | 259 | 031 | 142 | 380 |
| 140 | 555 | 400 | 122 | 108 | 157 | 140 | 605 | 209 | 029 | 115 | 305 | 140 | 736 | 275 | 036 | 177 | 454 |
| 140 | 556 | 399 | 107 | 142 | 930 | 140 | 606 | 204 | 030 | 063 | 318 | 140 | 737 | 268 | 039 | 132 | 444 |
| 140 | 557 | 417 | 094 | 146 | 998 | 140 | 607 | 233 | 028 | 153 | 391 | 140 | 738 | 274 | 045 | 043 | 486 |
| 140 | 558 | 310 | 096 | 217 | 008 | 140 | 608 | 231 | 033 | 125 | 493 | 140 | 739 | 182 | 046 | 061 | 315 |
| 140 | 559 | 540 | 087 | 293 | 909 | 140 | 609 | 225 | 025 | 130 | 318 | 140 | 740 | 196 | 036 | 033 | 382 |
| 140 | 560 | 444 | 098 | 004 | 833 | 140 | 610 | 224 | 025 | 118 | 328 | 140 | 741 | 208 | 032 | 070 | 325 |
| 140 | 561 | 307 | 147 | 318 | 391 | 140 | 611 | 223 | 026 | 125 | 315 | 140 | 742 | 214 | 030 | 066 | 343 |
| 140 | 562 | 390 | 309 | 431 | 737 | 140 | 612 | 234 | 027 | 118 | 363 | 140 | 743 | 268 | 034 | 158 | 496 |
| 140 | 563 | 448 | 333 | 571 | 974 | 140 | 613 | 250 | 036 | 118 | 403 | 140 | 744 | 269 | 038 | 130 | 453 |
| 140 | 564 | 287 | 052 | 113 | 561 | 140 | 614 | 224 | 032 | 050 | 348 | 140 | 745 | 184 | 045 | 018 | 348 |
| 140 | 565 | 277 | 049 | 090 | 551 | 140 | 615 | 212 | 034 | 050 | 343 | 140 | 746 | 176 | 041 | 022 | 300 |
| 140 | 566 | 288 | 061 | 101 | 622 | 140 | 616 | 213 | 031 | 103 | 383 | 140 | 747 | 178 | 035 | 021 | 313 |
| 140 | 567 | 335 | 073 | 155 | 886 | 140 | 617 | 163 | 047 | 020 | 441 | 140 | 748 | 244 | 054 | 080 | 531 |
| 140 | 568 | 380 | 064 | 213 | 866 | 140 | 618 | 181 | 078 | 142 | 778 | 140 | 749 | 250 | 058 | 100 | 758 |
| 140 | 569 | 312 | 075 | 026 | 653 | 140 | 619 | 220 | 112 | 105 | 288 | 140 | 750 | 242 | 049 | 070 | 565 |
| 140 | 570 | 206 | 112 | 318 | 856 | 140 | 701 | 464 | 092 | 162 | 919 | 140 | 751 | 220 | 054 | 036 | 634 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 140 | 752 | -.215 | .054 | -.014 | -.476 | 140 | 930 | -.366 | .084 | -.108 | -.856 | 150 | 126 | -.466 | .082 | -.121 | -.796 |
| 140 | 753 | -.256 | .050 | -.117 | -.508 | 140 | 931 | -.174 | .059 | -.166 | -.368 | 150 | 127 | -.447 | .063 | -.238 | -.753 |
| 140 | 754 | -.237 | .050 | -.024 | -.620 | 140 | 932 | -.318 | .074 | -.043 | -.698 | 150 | 128 | -.417 | .054 | -.119 | -.789 |
| 140 | 755 | -.237 | .056 | -.098 | -.622 | 140 | 933 | -.129 | .061 | -.237 | -.327 | 150 | 129 | -.410 | .051 | -.260 | -.668 |
| 140 | 756 | -.238 | .048 | -.066 | -.558 | 140 | 934 | -.155 | .056 | -.077 | -.437 | 150 | 130 | -.346 | .045 | -.155 | -.529 |
| 140 | 757 | -.236 | .058 | -.004 | -.469 | 140 | 935 | -.280 | .045 | -.115 | -.509 | 150 | 131 | -.491 | .056 | -.307 | -.708 |
| 140 | 758 | -.227 | .049 | -.068 | -.414 | 140 | 936 | -.231 | .038 | -.049 | -.359 | 150 | 132 | -.483 | .066 | -.238 | -.734 |
| 140 | 759 | -.242 | .053 | -.031 | -.703 | 140 | 937 | -.221 | .042 | -.053 | -.403 | 150 | 133 | -.461 | .065 | -.229 | -.773 |
| 140 | 760 | -.215 | .048 | -.011 | -.373 | 140 | 938 | -.255 | .070 | -.013 | -.605 | 150 | 134 | -.522 | .072 | -.298 | -.811 |
| 140 | 761 | -.216 | .049 | -.031 | -.423 | 140 | 939 | -.258 | .051 | -.137 | -.895 | 150 | 135 | -.510 | .067 | -.305 | -.794 |
| 140 | 762 | -.088 | .087 | -.362 | -.546 | 140 | 940 | -.183 | .086 | -.249 | -.614 | 150 | 136 | -.504 | .071 | -.251 | -.826 |
| 140 | 763 | -.081 | .062 | -.175 | -.393 | 140 | 941 | -.228 | .044 | -.046 | -.418 | 150 | 137 | -.491 | .047 | -.359 | -.670 |
| 140 | 764 | -.110 | .087 | -.205 | -.954 | 140 | 942 | -.243 | .044 | -.090 | -.415 | 150 | 138 | -.440 | .055 | -.245 | -.701 |
| 140 | 765 | -.040 | .062 | -.321 | -.236 | 140 | 943 | -.168 | .080 | -.158 | -.518 | 150 | 139 | -.422 | .051 | -.224 | -.637 |
| 140 | 766 | -.258 | .034 | -.126 | -.396 | 140 | 944 | -.307 | .074 | -.043 | -.656 | 150 | 140 | -.080 | .196 | -.551 | -.827 |
| 140 | 767 | -.060 | .061 | -.242 | -.270 | 140 | 945 | -.183 | .043 | -.024 | -.423 | 150 | 141 | -.009 | .172 | -.542 | -.563 |
| 140 | 801 | -.186 | .033 | -.061 | -.292 | 140 | 946 | -.257 | .033 | -.127 | -.391 | 150 | 142 | -.071 | .090 | -.411 | -.224 |
| 140 | 802 | -.211 | .033 | -.076 | -.349 | 140 | 947 | -.174 | .044 | -.043 | -.381 | 150 | 143 | -.094 | .057 | -.146 | -.298 |
| 140 | 803 | -.222 | .025 | -.186 | -.395 | 140 | 948 | -.205 | .045 | -.003 | -.415 | 150 | 144 | -.311 | .046 | -.145 | -.477 |
| 140 | 804 | -.222 | .020 | -.083 | -.341 | 140 | 949 | -.255 | .066 | -.081 | -.649 | 150 | 145 | -.471 | .052 | -.274 | -.689 |
| 140 | 805 | -.212 | .027 | -.105 | -.334 | 140 | 950 | -.232 | .053 | -.031 | -.482 | 150 | 146 | -.459 | .059 | -.293 | -.663 |
| 140 | 901 | -.930 | .159 | -.435 | -1.918 | 140 | 951 | -.208 | .043 | -.021 | -.383 | 150 | 147 | -.471 | .057 | -.306 | -.685 |
| 140 | 902 | -.717 | .112 | -.294 | -1.078 | 140 | 952 | -.234 | .040 | -.066 | -.395 | 150 | 148 | -.498 | .060 | -.304 | -.707 |
| 140 | 903 | -.449 | .067 | -.238 | -.673 | 140 | 953 | -.295 | .054 | -.142 | -.646 | 150 | 149 | -.487 | .060 | -.289 | -.687 |
| 140 | 904 | -.336 | .051 | -.175 | -.566 | 140 | 954 | -.260 | .039 | -.115 | -.452 | 150 | 150 | -.493 | .058 | -.325 | -.764 |
| 140 | 905 | -.207 | .054 | -.004 | -.442 | 150 | 101 | -.313 | .123 | -.008 | -.780 | 150 | 151 | -.490 | .056 | -.328 | -.801 |
| 140 | 906 | -.313 | .133 | -.453 | -1.591 | 150 | 102 | -.145 | .124 | -.210 | -.708 | 150 | 152 | -.473 | .060 | -.299 | -.809 |
| 140 | 907 | -.389 | .125 | -.060 | -.947 | 150 | 103 | -.122 | .076 | -.155 | -.388 | 150 | 153 | -.477 | .063 | -.270 | -.800 |
| 140 | 908 | -.413 | .054 | -.156 | -.601 | 150 | 104 | -.234 | .053 | -.014 | -.427 | 150 | 154 | -.441 | .055 | -.239 | -.673 |
| 140 | 909 | -.211 | .059 | -.153 | -.435 | 150 | 105 | -.340 | .053 | -.133 | -.520 | 150 | 155 | -.430 | .051 | -.205 | -.625 |
| 140 | 910 | -.434 | .075 | -.184 | -.861 | 150 | 106 | -.518 | .072 | -.241 | -.792 | 150 | 156 | -.419 | .047 | -.263 | -.637 |
| 140 | 911 | -.724 | .140 | -.093 | -1.202 | 150 | 107 | -.512 | .069 | -.288 | -.787 | 150 | 157 | -.415 | .050 | -.258 | -.627 |
| 140 | 912 | -.409 | .071 | -.105 | -.699 | 150 | 108 | -.508 | .075 | -.243 | -.806 | 150 | 158 | -.425 | .062 | -.244 | -.740 |
| 140 | 913 | -.056 | .065 | -.466 | -.344 | 150 | 109 | -.516 | .080 | -.193 | -.808 | 150 | 159 | -.417 | .061 | -.237 | -.694 |
| 140 | 914 | -.005 | .139 | -.675 | -.447 | 150 | 110 | -.539 | .103 | -.200 | -.928 | 150 | 160 | -.037 | .224 | -.643 | -.771 |
| 140 | 915 | -.640 | .132 | -.165 | -1.078 | 150 | 111 | -.340 | .119 | -.090 | -.071 | 150 | 161 | -.070 | .208 | -.619 | -.632 |
| 140 | 916 | -.512 | .108 | -.046 | -1.017 | 150 | 112 | -.363 | .125 | -.067 | -.737 | 150 | 162 | -.102 | .098 | -.451 | -.244 |
| 140 | 917 | -.323 | .076 | -.157 | -1.072 | 150 | 113 | -.355 | .088 | -.031 | -.620 | 150 | 163 | -.065 | .069 | -.188 | -.265 |
| 140 | 918 | -.274 | .044 | -.142 | -.541 | 150 | 114 | -.434 | .069 | -.238 | -.815 | 150 | 164 | -.239 | .044 | -.069 | -.380 |
| 140 | 919 | -.596 | .092 | -.165 | -.982 | 150 | 115 | -.401 | .054 | -.207 | -.629 | 150 | 165 | -.375 | .045 | -.215 | -.529 |
| 140 | 920 | -.011 | .121 | -.645 | -.253 | 150 | 116 | -.403 | .058 | -.214 | -.649 | 150 | 166 | -.421 | .052 | -.261 | -.853 |
| 140 | 921 | -.720 | .096 | -.374 | -1.052 | 150 | 117 | -.396 | .059 | -.198 | -.608 | 150 | 167 | -.418 | .048 | -.258 | -.651 |
| 140 | 922 | -.736 | .110 | -.334 | -1.139 | 150 | 118 | -.404 | .056 | -.226 | -.641 | 150 | 168 | -.428 | .050 | -.277 | -.649 |
| 140 | 923 | -.420 | .100 | -.078 | -.704 | 150 | 119 | -.409 | .064 | -.217 | -.651 | 150 | 169 | -.434 | .052 | -.282 | -.675 |
| 140 | 924 | -.283 | .125 | -.085 | -.626 | 150 | 120 | -.294 | .049 | -.121 | -.455 | 150 | 170 | -.460 | .056 | -.311 | -.807 |
| 140 | 925 | -.361 | .088 | -.100 | -.055 | 150 | 121 | -.440 | .052 | -.233 | -.615 | 150 | 171 | -.462 | .056 | -.292 | -.841 |
| 140 | 926 | -.115 | .079 | -.343 | -.327 | 150 | 122 | -.532 | .068 | -.293 | -.768 | 150 | 172 | -.457 | .062 | -.268 | -.965 |
| 140 | 927 | -.594 | .077 | -.315 | -.985 | 150 | 123 | -.523 | .069 | -.303 | -.799 | 150 | 173 | -.480 | .078 | -.215 | -.052 |
| 140 | 928 | -.580 | .071 | -.341 | -.844 | 150 | 124 | -.528 | .074 | -.291 | -.815 | 150 | 174 | -.454 | .061 | -.170 | -.786 |
| 140 | 929 | -.564 | .080 | -.205 | -.905 | 150 | 125 | -.525 | .087 | -.200 | -.861 | 150 | 175 | -.439 | .055 | -.210 | -.726 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 150 | 176 | .416 | .047 | .273 | .644 | 150 | 226 | .527 | .108 | .245 | .556 | 150 | 276 | .320 | .085 | .111 | .887 |
| 150 | 177 | .407 | .049 | .273 | .596 | 150 | 227 | .547 | .110 | .283 | .337 | 150 | 277 | .326 | .066 | .128 | .831 |
| 150 | 178 | .410 | .053 | .265 | .611 | 150 | 228 | .539 | .108 | .261 | .293 | 150 | 278 | .318 | .064 | .105 | .842 |
| 150 | 179 | .417 | .055 | .256 | .706 | 150 | 229 | .537 | .117 | .271 | .573 | 150 | 279 | .324 | .066 | .174 | .820 |
| 150 | 180 | .061 | .233 | .831 | .855 | 150 | 230 | .535 | .113 | .127 | .031 | 150 | 280 | .075 | .065 | .193 | .446 |
| 150 | 181 | .028 | .233 | .241 | .855 | 150 | 231 | .544 | .145 | .111 | .231 | 150 | 281 | .054 | .063 | .310 | .487 |
| 150 | 182 | .089 | .097 | .231 | .241 | 150 | 232 | .550 | .147 | .030 | .191 | 150 | 282 | .090 | .096 | .287 | .487 |
| 150 | 183 | .071 | .075 | .231 | .304 | 150 | 233 | .542 | .139 | .111 | .153 | 150 | 283 | .144 | .064 | .343 | .339 |
| 150 | 184 | .236 | .061 | .061 | .474 | 150 | 234 | .532 | .143 | .196 | .336 | 150 | 284 | .222 | .043 | .000 | .418 |
| 150 | 185 | .346 | .053 | .141 | .596 | 150 | 235 | .516 | .133 | .142 | .189 | 150 | 285 | .233 | .049 | .067 | .418 |
| 150 | 186 | .442 | .060 | .289 | .759 | 150 | 236 | .487 | .106 | .170 | .042 | 150 | 286 | .333 | .051 | .093 | .330 |
| 150 | 187 | .452 | .070 | .289 | .838 | 150 | 237 | .457 | .087 | .249 | .852 | 150 | 287 | .270 | .051 | .093 | .330 |
| 150 | 188 | .450 | .065 | .277 | .831 | 150 | 238 | .438 | .082 | .211 | .951 | 150 | 288 | .276 | .051 | .017 | .330 |
| 150 | 189 | .436 | .066 | .275 | .941 | 150 | 239 | .447 | .099 | .180 | .068 | 150 | 289 | .294 | .057 | .110 | .330 |
| 150 | 190 | .473 | .071 | .282 | .879 | 150 | 240 | .287 | .191 | .333 | .968 | 150 | 290 | .297 | .054 | .023 | .330 |
| 150 | 191 | .478 | .079 | .282 | .030 | 150 | 241 | .237 | .196 | .319 | .906 | 150 | 291 | .297 | .061 | .023 | .330 |
| 150 | 192 | .483 | .079 | .234 | .018 | 150 | 242 | .135 | .082 | .198 | .477 | 150 | 292 | .310 | .057 | .090 | .330 |
| 150 | 193 | .505 | .102 | .089 | .080 | 150 | 243 | .200 | .063 | .203 | .453 | 150 | 293 | .306 | .053 | .107 | .330 |
| 150 | 194 | .502 | .081 | .089 | .018 | 150 | 244 | .312 | .062 | .061 | .576 | 150 | 294 | .304 | .052 | .168 | .330 |
| 150 | 195 | .453 | .076 | .202 | .967 | 150 | 245 | .395 | .081 | .139 | .738 | 150 | 295 | .318 | .059 | .153 | .330 |
| 150 | 196 | .431 | .062 | .202 | .967 | 150 | 246 | .518 | .141 | .225 | .355 | 150 | 296 | .327 | .059 | .181 | .330 |
| 150 | 197 | .420 | .055 | .191 | .693 | 150 | 247 | .544 | .140 | .196 | .241 | 150 | 297 | .326 | .071 | .118 | .330 |
| 150 | 198 | .422 | .039 | .244 | .670 | 150 | 248 | .538 | .148 | .239 | .561 | 150 | 298 | .283 | .037 | .146 | .330 |
| 150 | 199 | .425 | .063 | .244 | .783 | 150 | 249 | .552 | .151 | .184 | .369 | 150 | 299 | .250 | .045 | .222 | .330 |
| 150 | 200 | .162 | .255 | .621 | .059 | 150 | 250 | .508 | .145 | .141 | .213 | 150 | 300 | .270 | .075 | .062 | .330 |
| 150 | 201 | .093 | .268 | .645 | .132 | 150 | 251 | .508 | .188 | .252 | .877 | 150 | 301 | .287 | .078 | .138 | .330 |
| 150 | 202 | .041 | .120 | .452 | .382 | 150 | 252 | .466 | .130 | .169 | .274 | 150 | 302 | .377 | .085 | .184 | .330 |
| 150 | 203 | .118 | .085 | .196 | .382 | 150 | 253 | .482 | .148 | .061 | .118 | 150 | 303 | .362 | .076 | .186 | .330 |
| 150 | 204 | .280 | .071 | .027 | .516 | 150 | 254 | .465 | .150 | .082 | .277 | 150 | 304 | .319 | .060 | .181 | .330 |
| 150 | 205 | .391 | .065 | .162 | .733 | 150 | 255 | .450 | .142 | .061 | .127 | 150 | 305 | .199 | .080 | .198 | .330 |
| 150 | 206 | .497 | .084 | .254 | .047 | 150 | 256 | .439 | .120 | .125 | .239 | 150 | 306 | .189 | .076 | .252 | .330 |
| 150 | 207 | .503 | .083 | .254 | .108 | 150 | 257 | .393 | .081 | .180 | .956 | 150 | 307 | .267 | .076 | .043 | .330 |
| 150 | 208 | .510 | .084 | .254 | .070 | 150 | 258 | .404 | .090 | .182 | .084 | 150 | 308 | .383 | .072 | .166 | .330 |
| 150 | 209 | .510 | .087 | .288 | .988 | 150 | 259 | .415 | .103 | .123 | .355 | 150 | 309 | .285 | .047 | .108 | .330 |
| 150 | 210 | .524 | .090 | .288 | .872 | 150 | 260 | .285 | .138 | .148 | .923 | 150 | 310 | .228 | .077 | .201 | .330 |
| 150 | 211 | .530 | .098 | .077 | .972 | 150 | 261 | .249 | .140 | .193 | .923 | 150 | 311 | .266 | .082 | .168 | .330 |
| 150 | 212 | .532 | .115 | .193 | .035 | 150 | 262 | .150 | .039 | .098 | .415 | 150 | 312 | .277 | .053 | .051 | .330 |
| 150 | 213 | .529 | .119 | .150 | .290 | 150 | 263 | .203 | .058 | .105 | .431 | 150 | 313 | .305 | .043 | .082 | .330 |
| 150 | 214 | .523 | .064 | .333 | .773 | 150 | 264 | .299 | .070 | .036 | .633 | 150 | 314 | .303 | .063 | .084 | .330 |
| 150 | 215 | .533 | .112 | .075 | .125 | 150 | 265 | .373 | .095 | .047 | .887 | 150 | 315 | .330 | .063 | .300 | .330 |
| 150 | 216 | .511 | .102 | .233 | .304 | 150 | 266 | .542 | .164 | .177 | .493 | 150 | 316 | .160 | .089 | .156 | .330 |
| 150 | 217 | .479 | .089 | .233 | .999 | 150 | 267 | .549 | .167 | .203 | .600 | 150 | 317 | .262 | .065 | .002 | .330 |
| 150 | 218 | .463 | .085 | .233 | .972 | 150 | 268 | .528 | .139 | .189 | .374 | 150 | 318 | .396 | .089 | .151 | .330 |
| 150 | 219 | .466 | .097 | .233 | .533 | 150 | 269 | .528 | .139 | .139 | .685 | 150 | 319 | .308 | .051 | .161 | .330 |
| 150 | 220 | .199 | .248 | .636 | .137 | 150 | 270 | .416 | .143 | .150 | .293 | 150 | 320 | .304 | .054 | .163 | .330 |
| 150 | 221 | .096 | .187 | .464 | .853 | 150 | 271 | .354 | .164 | .319 | .113 | 150 | 321 | .298 | .048 | .184 | .330 |
| 150 | 222 | .070 | .106 | .454 | .555 | 150 | 272 | .340 | .111 | .117 | .061 | 150 | 322 | .209 | .074 | .262 | .330 |
| 150 | 223 | .177 | .077 | .454 | .482 | 150 | 273 | .343 | .109 | .037 | .992 | 150 | 323 | .276 | .072 | .110 | .330 |
| 150 | 224 | .300 | .072 | .000 | .587 | 150 | 274 | .329 | .088 | .071 | .856 | 150 | 324 | .248 | .041 | .110 | .330 |
| 150 | 225 | .376 | .070 | .150 | .651 | 150 | 275 | .321 | .095 | .087 | .989 | 150 | 325 | .269 | .049 | .090 | .330 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|--------|------|-----|--------|-------|-------|-------|
| 1500 | 326 | -.292 | .054 | -.085 | -.610 | 1500 | 423 | -.010 | .153 | .652 | -.801 | 1500 | 506 | -.376 | .077 | -.109 | -.638 |
| 1500 | 327 | -.081 | .087 | -.351 | -.404 | 1500 | 424 | -.025 | .089 | .349 | -.597 | 1500 | 507 | -.194 | .095 | -.128 | -.530 |
| 1500 | 328 | -.193 | .059 | -.130 | -.409 | 1500 | 425 | -.062 | .075 | .344 | -.472 | 1500 | 508 | -.109 | .148 | -.601 | -.465 |
| 1500 | 329 | -.384 | .077 | -.186 | -.759 | 1500 | 426 | -.051 | .080 | .344 | -.546 | 1500 | 509 | -.217 | .177 | -.762 | -.777 |
| 1500 | 330 | -.315 | .056 | -.179 | -.630 | 1500 | 427 | -.036 | .076 | .433 | -.544 | 1500 | 510 | -.498 | .072 | -.275 | -.533 |
| 1500 | 331 | -.312 | .055 | -.164 | -.615 | 1500 | 428 | -.105 | .079 | .452 | -.541 | 1500 | 511 | -.587 | .081 | -.299 | -.885 |
| 1500 | 332 | -.227 | .062 | -.073 | -.412 | 1500 | 429 | -.098 | .067 | .281 | -.447 | 1500 | 512 | -.797 | .105 | -.405 | -.173 |
| 1500 | 333 | -.200 | .072 | -.156 | -.420 | 1500 | 430 | -.107 | .064 | .237 | -.440 | 1500 | 513 | -.901 | .109 | -.597 | -.262 |
| 1500 | 334 | -.261 | .075 | -.029 | -.736 | 1500 | 431 | -.140 | .052 | .167 | -.474 | 1500 | 514 | -.808 | .094 | -.527 | -.130 |
| 1500 | 335 | -.237 | .040 | -.062 | -.399 | 1500 | 432 | -.163 | .042 | .094 | -.447 | 1500 | 515 | -.459 | .098 | -.030 | -.816 |
| 1500 | 336 | -.348 | .066 | -.176 | -.835 | 1500 | 433 | -.142 | .062 | .140 | -.487 | 1500 | 516 | -.630 | .128 | -.467 | -.352 |
| 1500 | 337 | -.279 | .039 | -.141 | -.473 | 1500 | 434 | -.126 | .091 | .289 | -.380 | 1500 | 517 | -.330 | .170 | -.834 | -.847 |
| 1500 | 338 | -.304 | .031 | -.189 | -.696 | 1500 | 435 | -.164 | .104 | .301 | -.529 | 1500 | 518 | -.498 | .228 | -.978 | -.640 |
| 1500 | 339 | -.236 | .043 | -.066 | -.473 | 1500 | 436 | -.040 | .069 | .560 | -.278 | 1500 | 519 | -.600 | .098 | -.225 | -.945 |
| 1500 | 340 | -.218 | .042 | -.068 | -.373 | 1500 | 437 | -.032 | .067 | .328 | -.225 | 1500 | 520 | -.437 | .140 | -.210 | -.101 |
| 1500 | 341 | -.219 | .042 | -.061 | -.422 | 1500 | 438 | -.034 | .071 | .285 | -.233 | 1500 | 521 | -.755 | .128 | -.410 | -.284 |
| 1500 | 342 | -.178 | .048 | -.048 | -.365 | 1500 | 439 | -.027 | .088 | .374 | -.227 | 1500 | 522 | -.998 | .123 | -.619 | -.409 |
| 1500 | 343 | -.193 | .032 | -.004 | -.410 | 1500 | 440 | -.023 | .087 | .410 | -.222 | 1500 | 523 | -.991 | .145 | -.631 | -.440 |
| 1500 | 344 | -.231 | .039 | -.078 | -.430 | 1500 | 441 | -.113 | .061 | .271 | -.477 | 1500 | 524 | -.555 | .127 | -.194 | -.981 |
| 1500 | 345 | -.242 | .042 | -.093 | -.415 | 1500 | 442 | -.105 | .064 | .289 | -.351 | 1500 | 525 | -.630 | .136 | -.431 | -.479 |
| 1500 | 346 | -.236 | .046 | -.016 | -.410 | 1500 | 443 | -.093 | .051 | .204 | -.271 | 1500 | 526 | -.309 | .173 | -.918 | -.443 |
| 1500 | 347 | -.222 | .046 | -.024 | -.437 | 1500 | 444 | -.133 | .036 | .036 | -.281 | 1500 | 527 | -.407 | .274 | 1.065 | -.952 |
| 1500 | 348 | -.171 | .054 | -.100 | -.338 | 1500 | 445 | -.150 | .036 | .066 | -.321 | 1500 | 528 | -.495 | .111 | -.201 | -.603 |
| 1500 | 349 | -.186 | .047 | -.011 | -.346 | 1500 | 446 | -.160 | .044 | .088 | -.365 | 1500 | 529 | -.633 | .161 | -.213 | -.197 |
| 1500 | 350 | -.155 | .071 | -.167 | -.450 | 1500 | 447 | -.177 | .095 | .254 | -.388 | 1500 | 530 | -.889 | .146 | -.472 | -.510 |
| 1500 | 351 | -.176 | .057 | -.051 | -.390 | 1500 | 448 | -.271 | .048 | -.063 | -.467 | 1500 | 531 | -.907 | .140 | -.633 | -.498 |
| 1500 | 352 | -.222 | .046 | -.021 | -.415 | 1500 | 449 | -.257 | .051 | -.021 | -.482 | 1500 | 532 | -.980 | .147 | -.566 | -.471 |
| 1500 | 353 | -.224 | .050 | -.019 | -.437 | 1500 | 450 | -.294 | .067 | .058 | -.732 | 1500 | 533 | -.880 | .137 | -.102 | -.032 |
| 1500 | 401 | -.418 | .163 | -.886 | -.194 | 1500 | 451 | -.229 | .108 | .281 | -.576 | 1500 | 534 | -.059 | .144 | -.419 | -.554 |
| 1500 | 402 | -.467 | .158 | -.879 | -.047 | 1500 | 452 | -.204 | .103 | .234 | -.578 | 1500 | 535 | -.233 | .213 | -.894 | -.147 |
| 1500 | 403 | -.366 | .137 | -.841 | -.041 | 1500 | 453 | -.259 | .072 | .024 | -.578 | 1500 | 536 | -.313 | .331 | 1.014 | -.718 |
| 1500 | 404 | -.649 | .169 | 1.139 | -.065 | 1500 | 454 | -.217 | .082 | .103 | -.556 | 1500 | 537 | -.530 | .122 | -.179 | -.065 |
| 1500 | 405 | -.657 | .167 | 1.182 | -.069 | 1500 | 455 | -.200 | .068 | .087 | -.464 | 1500 | 538 | -.589 | .142 | -.251 | -.165 |
| 1500 | 406 | -.509 | .155 | -.960 | -.022 | 1500 | 456 | -.134 | .087 | .280 | -.646 | 1500 | 539 | -.819 | .151 | -.330 | -.375 |
| 1500 | 407 | -.652 | .165 | 1.134 | -.034 | 1500 | 457 | -.186 | .072 | .320 | -.410 | 1500 | 540 | -.969 | .155 | -.462 | -.452 |
| 1500 | 408 | -.613 | .172 | 1.125 | -.065 | 1500 | 458 | -.184 | .061 | .087 | -.452 | 1500 | 541 | -.916 | .162 | -.465 | -.574 |
| 1500 | 409 | -.506 | .169 | 1.003 | -.053 | 1500 | 459 | -.295 | .056 | -.127 | -.591 | 1500 | 542 | -.530 | .130 | -.145 | -.065 |
| 1500 | 410 | -.559 | .199 | 1.103 | -.304 | 1500 | 460 | -.272 | .057 | .012 | -.596 | 1500 | 543 | -.093 | .156 | -.633 | -.000 |
| 1500 | 411 | -.559 | .181 | 1.058 | -.133 | 1500 | 461 | -.120 | .073 | .266 | -.425 | 1500 | 544 | -.192 | .225 | -.791 | -.033 |
| 1500 | 412 | -.503 | .158 | -.070 | -.042 | 1500 | 462 | -.291 | .045 | -.144 | -.487 | 1500 | 545 | -.192 | .317 | 1.036 | -.125 |
| 1500 | 413 | -.445 | .217 | 1.239 | -.431 | 1500 | 463 | -.274 | .041 | -.161 | -.494 | 1500 | 546 | -.479 | .131 | -.162 | -.339 |
| 1500 | 414 | -.347 | .183 | -.984 | -.218 | 1500 | 464 | -.263 | .037 | -.144 | -.524 | 1500 | 547 | -.549 | .143 | -.206 | -.349 |
| 1500 | 415 | -.442 | .195 | -.977 | -.574 | 1500 | 465 | -.263 | .038 | -.166 | -.487 | 1500 | 548 | -.713 | .145 | -.361 | -.233 |
| 1500 | 416 | -.180 | .225 | -.917 | -.834 | 1500 | 466 | -.269 | .037 | -.156 | -.529 | 1500 | 549 | -.844 | .154 | -.392 | -.134 |
| 1500 | 417 | -.201 | .214 | -.943 | -.877 | 1500 | 467 | -.275 | .037 | -.149 | -.509 | 1500 | 550 | -.931 | .135 | -.416 | -.239 |
| 1500 | 418 | -.113 | .161 | -.706 | -.429 | 1500 | 501 | -.510 | .080 | -.280 | -.840 | 1500 | 551 | -.440 | .111 | -.074 | -.821 |
| 1500 | 419 | -.008 | .159 | -.623 | -.546 | 1500 | 502 | -.632 | .099 | -.333 | -.960 | 1500 | 552 | -.091 | .150 | -.360 | -.563 |
| 1500 | 420 | -.052 | .159 | -.647 | -.750 | 1500 | 503 | -.799 | .136 | -.412 | -.1291 | 1500 | 553 | -.117 | .239 | -.744 | -.470 |
| 1500 | 421 | -.000 | .168 | -.471 | -.434 | 1500 | 504 | -.771 | .121 | -.448 | -.313 | 1500 | 554 | -.119 | .325 | 1.026 | -.195 |
| 1500 | 422 | -.048 | .116 | -.489 | -.633 | 1500 | 505 | -.598 | .063 | -.402 | -.847 | 1500 | 555 | -.430 | .123 | -.132 | -.098 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | | |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|
| 150 | 556 | 469 | 120 | 177 | -1 | 089 | 150 | 606 | 174 | 038 | - | 039 | 150 | 737 | 292 | 054 | -129 | 688 | |
| 150 | 557 | 582 | 128 | 230 | -1 | 200 | 150 | 607 | 263 | 038 | - | 146 | 150 | 738 | 293 | 068 | - | 084 | 653 |
| 150 | 558 | 663 | 128 | 308 | -1 | 084 | 150 | 608 | 254 | 036 | - | 136 | 150 | 739 | 294 | 053 | - | 043 | 484 |
| 150 | 559 | 612 | 114 | 308 | -1 | 067 | 150 | 609 | 260 | 039 | - | 153 | 150 | 740 | 295 | 041 | - | 015 | 343 |
| 150 | 560 | 343 | 093 | 028 | - | 795 | 150 | 610 | 219 | 035 | - | 088 | 150 | 741 | 296 | 034 | - | 092 | 358 |
| 150 | 561 | 062 | 154 | 573 | - | 592 | 150 | 611 | 227 | 031 | - | 105 | 150 | 742 | 297 | 034 | - | 087 | 377 |
| 150 | 562 | 082 | 204 | 739 | - | 444 | 150 | 612 | 254 | 041 | - | 072 | 150 | 743 | 298 | 045 | - | 164 | 610 |
| 150 | 563 | 066 | 223 | 816 | - | 599 | 150 | 613 | 283 | 040 | - | 082 | 150 | 744 | 299 | 048 | - | 017 | 739 |
| 150 | 564 | 308 | 076 | 067 | - | 867 | 150 | 614 | 187 | 039 | - | 105 | 150 | 745 | 300 | 058 | - | 062 | 427 |
| 150 | 565 | 309 | 073 | 079 | - | 602 | 150 | 615 | 151 | 053 | - | 105 | 150 | 746 | 301 | 049 | - | 009 | 387 |
| 150 | 566 | 364 | 101 | 100 | - | 768 | 150 | 616 | 161 | 065 | - | 153 | 150 | 747 | 302 | 047 | - | 042 | 350 |
| 150 | 567 | 454 | 099 | 147 | - | 829 | 150 | 617 | 066 | 064 | - | 219 | 150 | 748 | 303 | 057 | - | 107 | 703 |
| 150 | 568 | 460 | 078 | 190 | - | 831 | 150 | 618 | 066 | 082 | - | 359 | 150 | 749 | 304 | 057 | - | 092 | 586 |
| 150 | 569 | 282 | 081 | 049 | - | 708 | 150 | 619 | 088 | 079 | - | 293 | 150 | 750 | 305 | 051 | - | 089 | 598 |
| 150 | 570 | 037 | 129 | 637 | - | 542 | 150 | 701 | 415 | 061 | - | 204 | 150 | 751 | 306 | 043 | - | 035 | 423 |
| 150 | 571 | 036 | 117 | 683 | - | 696 | 150 | 702 | 433 | 073 | - | 216 | 150 | 752 | 307 | 043 | - | 052 | 437 |
| 150 | 572 | 019 | 177 | 746 | - | 850 | 150 | 703 | 434 | 074 | - | 170 | 150 | 753 | 308 | 074 | - | 062 | 817 |
| 150 | 573 | 305 | 047 | 151 | - | 516 | 150 | 704 | 436 | 073 | - | 247 | 150 | 754 | 309 | 071 | - | 150 | 616 |
| 150 | 574 | 292 | 044 | 159 | - | 487 | 150 | 705 | 437 | 069 | - | 221 | 150 | 755 | 310 | 085 | - | 142 | 668 |
| 150 | 575 | 235 | 049 | 036 | - | 403 | 150 | 706 | 443 | 072 | - | 252 | 150 | 756 | 311 | 067 | - | 097 | 673 |
| 150 | 576 | 265 | 050 | 131 | - | 313 | 150 | 707 | 436 | 069 | - | 255 | 150 | 757 | 312 | 090 | - | 112 | 886 |
| 150 | 577 | 262 | 041 | 128 | - | 480 | 150 | 708 | 427 | 066 | - | 206 | 150 | 758 | 313 | 048 | - | 102 | 524 |
| 150 | 578 | 277 | 042 | 118 | - | 498 | 150 | 709 | 430 | 072 | - | 199 | 150 | 759 | 314 | 054 | - | 100 | 609 |
| 150 | 579 | 299 | 050 | 131 | - | 564 | 150 | 710 | 428 | 076 | - | 204 | 150 | 760 | 315 | 043 | - | 073 | 453 |
| 150 | 580 | 299 | 038 | 131 | - | 458 | 150 | 711 | 440 | 081 | - | 175 | 150 | 761 | 316 | 045 | - | 016 | 377 |
| 150 | 581 | 257 | 038 | 115 | - | 459 | 150 | 712 | 446 | 092 | - | 192 | 150 | 762 | 011 | 107 | - | 525 | 436 |
| 150 | 582 | 252 | 034 | 105 | - | 375 | 150 | 713 | 482 | 131 | - | 228 | 150 | 763 | 044 | 079 | - | 540 | 382 |
| 150 | 583 | 226 | 038 | 064 | - | 477 | 150 | 714 | 467 | 110 | - | 216 | 150 | 764 | 003 | 094 | - | 505 | 330 |
| 150 | 584 | 121 | 065 | 239 | - | 357 | 150 | 715 | 459 | 112 | - | 194 | 150 | 765 | 001 | 090 | - | 502 | 221 |
| 150 | 585 | 049 | 121 | 514 | - | 617 | 150 | 716 | 481 | 147 | - | 182 | 150 | 766 | 208 | 037 | - | 159 | 481 |
| 150 | 586 | 060 | 129 | 570 | - | 707 | 150 | 717 | 458 | 139 | - | 076 | 150 | 767 | 050 | 074 | - | 406 | 340 |
| 150 | 587 | 231 | 039 | 080 | - | 373 | 150 | 718 | 449 | 129 | - | 100 | 150 | 801 | 168 | 037 | - | 026 | 288 |
| 150 | 588 | 254 | 038 | 108 | - | 416 | 150 | 719 | 425 | 148 | - | 143 | 150 | 802 | 201 | 036 | - | 063 | 347 |
| 150 | 589 | 274 | 041 | 141 | - | 510 | 150 | 720 | 389 | 117 | - | 136 | 150 | 803 | 209 | 028 | - | 206 | 409 |
| 150 | 590 | 244 | 041 | 105 | - | 431 | 150 | 721 | 400 | 120 | - | 166 | 150 | 804 | 240 | 034 | - | 078 | 357 |
| 150 | 591 | 238 | 037 | 115 | - | 398 | 150 | 722 | 314 | 065 | - | 169 | 150 | 805 | 233 | 034 | - | 103 | 359 |
| 150 | 592 | 260 | 046 | 103 | - | 336 | 150 | 723 | 305 | 072 | - | 141 | 150 | 901 | 100 | 207 | - | 447 | 062 |
| 150 | 593 | 260 | 041 | 131 | - | 465 | 150 | 724 | 310 | 072 | - | 088 | 150 | 902 | 85 | 115 | - | 474 | 235 |
| 150 | 594 | 277 | 046 | 090 | - | 569 | 150 | 725 | 232 | 038 | - | 090 | 150 | 903 | 100 | 063 | - | 257 | 841 |
| 150 | 595 | 336 | 065 | 184 | - | 712 | 150 | 726 | 227 | 038 | - | 077 | 150 | 904 | 333 | 071 | - | 137 | 591 |
| 150 | 596 | 215 | 068 | 052 | - | 332 | 150 | 727 | 239 | 038 | - | 070 | 150 | 905 | 111 | 083 | - | 127 | 476 |
| 150 | 597 | 147 | 048 | 068 | - | 304 | 150 | 728 | 304 | 059 | - | 149 | 150 | 906 | 95 | 149 | - | 490 | 578 |
| 150 | 598 | 093 | 075 | 068 | - | 304 | 150 | 729 | 281 | 055 | - | 130 | 150 | 907 | 347 | 111 | - | 092 | 051 |
| 150 | 599 | 107 | 031 | 330 | - | 484 | 150 | 730 | 260 | 050 | - | 171 | 150 | 908 | 374 | 036 | - | 252 | 562 |
| 150 | 600 | 220 | 033 | 031 | - | 342 | 150 | 731 | 264 | 050 | - | 072 | 150 | 909 | 147 | 048 | - | 027 | 352 |
| 150 | 601 | 227 | 033 | 100 | - | 340 | 150 | 732 | 234 | 041 | - | 079 | 150 | 910 | 44 | 042 | - | 242 | 564 |
| 150 | 602 | 247 | 033 | 126 | - | 379 | 150 | 733 | 241 | 035 | - | 107 | 150 | 911 | 60 | 165 | - | 104 | 065 |
| 150 | 603 | 244 | 037 | 109 | - | 407 | 150 | 734 | 253 | 039 | - | 139 | 150 | 912 | 38 | 041 | - | 197 | 329 |
| 150 | 604 | 182 | 039 | 039 | - | 303 | 150 | 735 | 202 | 051 | - | 151 | 150 | 913 | 88 | 062 | - | 275 | 372 |
| 150 | 605 | 179 | 038 | 014 | - | 449 | 150 | 736 | 316 | 050 | - | 176 | 150 | 914 | 123 | 112 | - | 517 | 604 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 915 | .536 | .137 | .135 | -1.299 | 160 | 111 | .470 | .098 | .130 | -1.001 | 160 | 161 | .314 | .175 | .414 | -.842 |
| 160 | 916 | .468 | .069 | .204 | -.815 | 160 | 112 | .202 | .097 | .160 | -.677 | 160 | 162 | .108 | .093 | .201 | -.405 |
| 160 | 917 | .324 | .078 | .152 | -.917 | 160 | 113 | .234 | .068 | .164 | -.638 | 160 | 163 | .203 | .058 | .067 | -.383 |
| 160 | 918 | .324 | .060 | .177 | -.587 | 160 | 114 | .471 | .062 | .223 | -.704 | 160 | 164 | .325 | .041 | .151 | -.490 |
| 160 | 919 | .537 | .096 | .202 | -.903 | 160 | 115 | .428 | .056 | .359 | -.629 | 160 | 165 | .422 | .039 | .300 | -.556 |
| 160 | 920 | .123 | .068 | .401 | -.312 | 160 | 116 | .428 | .052 | .244 | -.631 | 160 | 166 | .445 | .046 | .312 | -.644 |
| 160 | 921 | .641 | .104 | .245 | -1.030 | 160 | 117 | .439 | .054 | .273 | -.626 | 160 | 167 | .442 | .046 | .319 | -.669 |
| 160 | 922 | .641 | .106 | .190 | -1.010 | 160 | 118 | .433 | .058 | .239 | -.641 | 160 | 168 | .450 | .044 | .329 | -.630 |
| 160 | 923 | .285 | .077 | .044 | .610 | 160 | 119 | .447 | .052 | .295 | -.685 | 160 | 169 | .447 | .050 | .322 | -.652 |
| 160 | 924 | .067 | .101 | .218 | -.536 | 160 | 120 | .353 | .039 | .217 | -.500 | 160 | 170 | .460 | .046 | .334 | -.659 |
| 160 | 925 | .197 | .078 | .120 | .947 | 160 | 121 | .462 | .049 | .303 | -.646 | 160 | 171 | .464 | .048 | .332 | -.715 |
| 160 | 926 | .317 | .053 | .100 | -.414 | 160 | 122 | .507 | .052 | .320 | -.697 | 160 | 172 | .461 | .047 | .302 | -.696 |
| 160 | 927 | .544 | .073 | .254 | -.608 | 160 | 123 | .493 | .058 | .317 | -.738 | 160 | 173 | .462 | .051 | .283 | -.754 |
| 160 | 928 | .535 | .070 | .264 | -.812 | 160 | 124 | .491 | .063 | .247 | -.702 | 160 | 174 | .460 | .050 | .277 | -.635 |
| 160 | 929 | .472 | .096 | .040 | .753 | 160 | 125 | .474 | .083 | .147 | -.855 | 160 | 175 | .446 | .047 | .271 | -.647 |
| 160 | 930 | .297 | .053 | .140 | -.594 | 160 | 126 | .379 | .100 | .601 | -.782 | 160 | 176 | .433 | .049 | .290 | -.627 |
| 160 | 931 | .231 | .042 | .009 | .394 | 160 | 127 | .481 | .088 | .266 | -.650 | 160 | 177 | .436 | .049 | .275 | -.659 |
| 160 | 932 | .325 | .067 | .125 | -.843 | 160 | 128 | .444 | .060 | .266 | -.826 | 160 | 178 | .437 | .052 | .249 | -.659 |
| 160 | 933 | .163 | .056 | .177 | .399 | 160 | 129 | .433 | .054 | .244 | -.680 | 160 | 179 | .445 | .055 | .275 | -.674 |
| 160 | 934 | .193 | .044 | .009 | .426 | 160 | 130 | .406 | .040 | .264 | -.588 | 160 | 180 | .555 | .227 | .260 | -1.394 |
| 160 | 935 | .317 | .066 | .036 | -.727 | 160 | 131 | .511 | .053 | .335 | -.736 | 160 | 181 | .427 | .224 | .497 | -1.087 |
| 160 | 936 | .272 | .056 | .085 | -.683 | 160 | 132 | .476 | .055 | .305 | -.680 | 160 | 182 | .091 | .101 | .416 | -.552 |
| 160 | 937 | .272 | .047 | .115 | -.475 | 160 | 133 | .479 | .058 | .933 | -.680 | 160 | 183 | .191 | .062 | .079 | -.437 |
| 160 | 938 | .290 | .070 | .014 | -1.016 | 160 | 134 | .496 | .062 | .228 | -.766 | 160 | 184 | .301 | .048 | .085 | -.459 |
| 160 | 939 | .331 | .069 | .169 | -.814 | 160 | 135 | .499 | .060 | .228 | -.763 | 160 | 185 | .379 | .045 | .231 | -.561 |
| 160 | 940 | .190 | .094 | .179 | .547 | 160 | 136 | .507 | .080 | .357 | -.855 | 160 | 186 | .428 | .043 | .302 | -.605 |
| 160 | 941 | .263 | .045 | .075 | -.480 | 160 | 137 | .468 | .045 | .357 | -.688 | 160 | 187 | .437 | .046 | .295 | -.644 |
| 160 | 942 | .291 | .070 | .053 | -.648 | 160 | 138 | .438 | .054 | .264 | -.675 | 160 | 188 | .430 | .044 | .315 | -.647 |
| 160 | 943 | .132 | .096 | .233 | -.601 | 160 | 139 | .433 | .055 | .264 | -.675 | 160 | 189 | .430 | .042 | .315 | -.605 |
| 160 | 944 | .341 | .099 | .065 | -.858 | 160 | 140 | .645 | .249 | .228 | -.386 | 160 | 190 | .438 | .045 | .310 | -.759 |
| 160 | 945 | .212 | .053 | .053 | -.606 | 160 | 141 | .294 | .129 | .155 | -.804 | 160 | 191 | .445 | .050 | .307 | -.801 |
| 160 | 946 | .274 | .041 | .159 | -.503 | 160 | 142 | .145 | .079 | .136 | -.398 | 160 | 192 | .440 | .045 | .300 | -.801 |
| 160 | 947 | .202 | .043 | .036 | -.540 | 160 | 143 | .228 | .051 | .295 | -.556 | 160 | 193 | .447 | .057 | .230 | -1.035 |
| 160 | 948 | .232 | .044 | .031 | -.646 | 160 | 144 | .387 | .040 | .295 | -.556 | 160 | 194 | .468 | .059 | .296 | -.840 |
| 160 | 949 | .302 | .083 | .120 | -.819 | 160 | 145 | .506 | .056 | .222 | -.731 | 160 | 195 | .428 | .048 | .273 | -.846 |
| 160 | 950 | .258 | .057 | .026 | -.636 | 160 | 146 | .462 | .051 | .273 | -.638 | 160 | 196 | .422 | .045 | .280 | -.588 |
| 160 | 951 | .212 | .051 | .026 | -.485 | 160 | 147 | .468 | .053 | .285 | -.691 | 160 | 197 | .412 | .046 | .239 | -.627 |
| 160 | 952 | .261 | .041 | .083 | -.438 | 160 | 148 | .497 | .055 | .306 | -.702 | 160 | 198 | .422 | .053 | .259 | -.646 |
| 160 | 953 | .336 | .068 | .115 | -.821 | 160 | 149 | .479 | .058 | .312 | -.703 | 160 | 199 | .421 | .054 | .247 | -.768 |
| 160 | 954 | .282 | .042 | .140 | -.557 | 160 | 150 | .480 | .055 | .271 | -.727 | 160 | 200 | .517 | .214 | .516 | -1.204 |
| 160 | 101 | .806 | .156 | .354 | -1.332 | 160 | 151 | .499 | .052 | .331 | -.712 | 160 | 201 | .462 | .208 | .352 | -1.038 |
| 160 | 102 | .402 | .137 | .015 | -.870 | 160 | 152 | .466 | .051 | .295 | -.661 | 160 | 202 | .091 | .100 | .286 | -.441 |
| 160 | 103 | .264 | .072 | .020 | -.541 | 160 | 153 | .458 | .049 | .297 | -.608 | 160 | 203 | .195 | .066 | .133 | -.413 |
| 160 | 104 | .286 | .046 | .101 | -.449 | 160 | 154 | .446 | .047 | .278 | -.681 | 160 | 204 | .309 | .047 | .112 | -.463 |
| 160 | 105 | .381 | .042 | .188 | -.561 | 160 | 155 | .443 | .052 | .305 | -.649 | 160 | 205 | .378 | .044 | .235 | -.590 |
| 160 | 106 | .482 | .060 | .283 | -.714 | 160 | 156 | .451 | .045 | .317 | -.605 | 160 | 206 | .434 | .048 | .302 | -.660 |
| 160 | 107 | .468 | .057 | .276 | -.694 | 160 | 157 | .446 | .052 | .293 | -.654 | 160 | 207 | .432 | .048 | .280 | -.737 |
| 160 | 108 | .475 | .056 | .276 | -.629 | 160 | 158 | .463 | .058 | .249 | -.708 | 160 | 208 | .429 | .046 | .273 | -.675 |
| 160 | 109 | .481 | .064 | .217 | -.765 | 160 | 159 | .453 | .055 | .297 | -.666 | 160 | 209 | .431 | .045 | .268 | -.636 |
| 160 | 110 | .509 | .083 | .198 | -.865 | 160 | 160 | .595 | .249 | .150 | -1.443 | 160 | 210 | .429 | .050 | .251 | -.732 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 160 | 211 | .437 | .050 | .268 | .084 | 160 | 261 | .360 | .144 | .183 | .817 | 160 | 311 | .322 | .076 | .048 | .676 |
| 160 | 212 | .444 | .055 | .256 | .080 | 160 | 262 | .173 | .067 | .132 | .447 | 160 | 312 | .331 | .081 | .117 | .796 |
| 160 | 213 | .447 | .058 | .290 | .088 | 160 | 263 | .233 | .053 | .001 | .418 | 160 | 313 | .283 | .079 | .064 | .711 |
| 160 | 214 | .445 | .028 | .367 | .533 | 160 | 264 | .336 | .065 | .086 | .711 | 160 | 314 | .362 | .119 | .039 | .861 |
| 160 | 215 | .447 | .058 | .265 | .077 | 160 | 265 | .388 | .077 | .181 | .752 | 160 | 315 | .456 | .087 | .247 | .858 |
| 160 | 216 | .438 | .049 | .299 | .633 | 160 | 266 | .471 | .128 | .198 | .149 | 160 | 316 | .211 | .130 | .442 | .626 |
| 160 | 217 | .433 | .058 | .268 | .795 | 160 | 267 | .506 | .135 | .244 | .365 | 160 | 317 | .282 | .085 | .068 | .593 |
| 160 | 218 | .429 | .059 | .237 | .733 | 160 | 268 | .511 | .129 | .260 | .895 | 160 | 318 | .513 | .139 | .172 | .200 |
| 160 | 219 | .443 | .067 | .261 | .745 | 160 | 269 | .489 | .111 | .251 | .096 | 160 | 319 | .379 | .080 | .189 | .823 |
| 160 | 220 | .512 | .234 | .459 | .194 | 160 | 270 | .490 | .104 | .159 | .970 | 160 | 320 | .380 | .082 | .184 | .831 |
| 160 | 221 | .257 | .172 | .402 | .940 | 160 | 271 | .469 | .098 | .003 | -1.040 | 160 | 321 | .367 | .077 | .177 | .768 |
| 160 | 222 | .125 | .093 | .307 | .417 | 160 | 272 | .468 | .102 | .030 | .926 | 160 | 322 | .276 | .064 | .095 | .598 |
| 160 | 223 | .211 | .066 | .102 | .450 | 160 | 273 | .445 | .095 | .122 | .106 | 160 | 323 | .276 | .057 | .022 | .479 |
| 160 | 224 | .312 | .057 | .114 | .557 | 160 | 274 | .443 | .083 | .132 | .810 | 160 | 324 | .219 | .064 | .073 | .496 |
| 160 | 225 | .358 | .047 | .158 | .586 | 160 | 275 | .426 | .083 | .105 | .837 | 160 | 325 | .269 | .095 | .004 | .858 |
| 160 | 226 | .442 | .057 | .280 | .732 | 160 | 276 | .412 | .081 | .168 | .810 | 160 | 326 | .371 | .078 | .158 | .709 |
| 160 | 227 | .440 | .058 | .283 | .701 | 160 | 277 | .381 | .069 | .178 | .692 | 160 | 327 | .624 | .116 | .434 | .486 |
| 160 | 228 | .436 | .057 | .271 | .671 | 160 | 278 | .398 | .092 | .156 | -1.030 | 160 | 328 | .179 | .096 | .317 | .607 |
| 160 | 229 | .445 | .061 | .225 | .869 | 160 | 279 | .414 | .103 | .117 | -1.118 | 160 | 329 | .448 | .136 | .086 | .057 |
| 160 | 230 | .452 | .063 | .213 | .877 | 160 | 280 | .053 | .087 | .345 | .344 | 160 | 330 | .385 | .087 | .150 | .978 |
| 160 | 231 | .450 | .073 | .218 | .877 | 160 | 281 | .062 | .093 | .465 | .262 | 160 | 331 | .393 | .079 | .175 | .704 |
| 160 | 232 | .458 | .075 | .227 | .900 | 160 | 282 | .140 | .122 | .342 | .574 | 160 | 332 | .255 | .056 | .118 | .620 |
| 160 | 233 | .464 | .081 | .217 | .914 | 160 | 283 | .182 | .059 | .115 | .381 | 160 | 333 | .259 | .066 | .041 | .593 |
| 160 | 234 | .447 | .070 | .207 | .893 | 160 | 284 | .254 | .044 | .010 | .429 | 160 | 334 | .211 | .063 | .165 | .476 |
| 160 | 235 | .447 | .063 | .265 | .919 | 160 | 285 | .270 | .062 | .047 | .504 | 160 | 335 | .201 | .063 | .165 | .394 |
| 160 | 236 | .438 | .064 | .268 | .876 | 160 | 286 | .423 | .089 | .169 | .908 | 160 | 336 | .404 | .128 | .016 | .279 |
| 160 | 237 | .438 | .056 | .256 | .677 | 160 | 287 | .336 | .056 | .174 | .631 | 160 | 337 | .315 | .061 | .120 | .612 |
| 160 | 238 | .437 | .061 | .270 | .762 | 160 | 288 | .354 | .057 | .192 | .651 | 160 | 338 | .402 | .085 | .180 | .789 |
| 160 | 239 | .433 | .058 | .273 | .754 | 160 | 289 | .394 | .065 | .142 | .651 | 160 | 339 | .234 | .064 | .020 | .457 |
| 160 | 240 | .470 | .176 | .311 | .935 | 160 | 290 | .390 | .066 | .159 | .658 | 160 | 340 | .272 | .055 | .011 | .511 |
| 160 | 241 | .407 | .171 | .280 | .939 | 160 | 291 | .387 | .071 | .164 | .738 | 160 | 341 | .265 | .055 | .060 | .534 |
| 160 | 242 | .167 | .082 | .139 | .449 | 160 | 292 | .400 | .070 | .194 | .766 | 160 | 342 | .266 | .065 | .100 | .411 |
| 160 | 243 | .325 | .058 | .059 | .457 | 160 | 293 | .395 | .069 | .182 | .676 | 160 | 343 | .211 | .068 | .104 | .421 |
| 160 | 244 | .321 | .048 | .067 | .633 | 160 | 294 | .375 | .063 | .169 | .651 | 160 | 344 | .293 | .054 | .077 | .499 |
| 160 | 245 | .379 | .056 | .185 | .626 | 160 | 295 | .394 | .070 | .154 | .713 | 160 | 345 | .306 | .055 | .075 | .593 |
| 160 | 246 | .442 | .068 | .251 | .902 | 160 | 296 | .418 | .071 | .142 | .853 | 160 | 346 | .288 | .069 | .021 | .676 |
| 160 | 247 | .447 | .071 | .256 | .842 | 160 | 297 | .456 | .107 | .094 | -1.148 | 160 | 347 | .254 | .072 | .059 | .547 |
| 160 | 248 | .442 | .067 | .236 | .914 | 160 | 298 | .419 | .085 | .109 | .878 | 160 | 348 | .195 | .071 | .187 | .499 |
| 160 | 249 | .443 | .073 | .248 | .948 | 160 | 299 | .368 | .106 | .027 | .920 | 160 | 349 | .212 | .061 | .077 | .457 |
| 160 | 250 | .446 | .069 | .263 | .931 | 160 | 300 | .364 | .088 | .027 | .811 | 160 | 350 | .147 | .096 | .256 | .463 |
| 160 | 251 | .471 | .094 | .227 | .529 | 160 | 301 | .392 | .093 | .137 | .925 | 160 | 351 | .265 | .083 | .215 | .496 |
| 160 | 252 | .473 | .086 | .173 | .953 | 160 | 302 | .473 | .123 | .184 | -1.172 | 160 | 352 | .300 | .063 | .093 | .604 |
| 160 | 253 | .487 | .093 | .151 | .287 | 160 | 303 | .481 | .099 | .247 | -1.138 | 160 | 353 | .302 | .068 | .047 | .581 |
| 160 | 254 | .470 | .093 | .149 | .159 | 160 | 304 | .433 | .081 | .247 | .791 | 160 | 401 | .111 | .217 | .650 | .631 |
| 160 | 255 | .438 | .078 | .151 | .917 | 160 | 305 | .285 | .117 | .175 | .791 | 160 | 402 | .304 | .223 | .933 | .566 |
| 160 | 256 | .452 | .078 | .200 | .815 | 160 | 306 | .164 | .119 | .228 | .728 | 160 | 403 | .230 | .107 | .595 | .101 |
| 160 | 257 | .429 | .064 | .229 | .776 | 160 | 307 | .286 | .080 | .060 | .564 | 160 | 404 | .345 | .215 | .927 | .686 |
| 160 | 258 | .445 | .077 | .253 | .917 | 160 | 308 | .509 | .124 | .192 | -1.143 | 160 | 405 | .380 | .260 | .996 | .629 |
| 160 | 259 | .440 | .075 | .251 | .905 | 160 | 309 | .387 | .103 | .142 | -1.248 | 160 | 406 | .320 | .122 | .711 | .139 |
| 160 | 260 | .388 | .134 | .248 | .989 | 160 | 310 | .293 | .057 | .079 | .581 | 160 | 407 | .366 | .217 | .020 | .382 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 408 | .386 | .235 | .963 | -.505 | 160 | 458 | -.221 | .093 | -.199 | -.535 | 160 | 541 | -.698 | .119 | -.340 | -1.154 |
| 160 | 409 | .257 | .122 | .647 | -.332 | 160 | 459 | -.426 | .076 | -.079 | -.754 | 160 | 542 | -.259 | .106 | -.114 | -.635 |
| 160 | 410 | .357 | .223 | 1.017 | -.527 | 160 | 460 | -.396 | .070 | -.141 | -.718 | 160 | 543 | -.228 | .137 | -.700 | -.182 |
| 160 | 411 | .389 | .248 | 1.005 | -.838 | 160 | 461 | -.148 | .150 | -.356 | -.772 | 160 | 544 | -.474 | .165 | 1.047 | -.108 |
| 160 | 412 | .378 | .148 | .825 | -.268 | 160 | 462 | -.455 | .098 | -.242 | -1.150 | 160 | 545 | -.508 | .176 | 1.040 | -.204 |
| 160 | 413 | .321 | .234 | 1.017 | -.588 | 160 | 463 | -.412 | .081 | -.198 | -.805 | 160 | 546 | -.514 | .092 | -.206 | -1.022 |
| 160 | 414 | .275 | .135 | .708 | -.429 | 160 | 464 | -.400 | .079 | -.169 | -.805 | 160 | 547 | -.589 | .117 | -.215 | -1.078 |
| 160 | 415 | .327 | .240 | .922 | -.398 | 160 | 465 | -.424 | .093 | -.218 | -.883 | 160 | 548 | -.739 | .117 | -.460 | -1.205 |
| 160 | 416 | .203 | .230 | .942 | -.632 | 160 | 466 | -.420 | .088 | -.164 | -.911 | 160 | 549 | -.842 | .124 | -.477 | -1.398 |
| 160 | 417 | .206 | .241 | 1.037 | -.659 | 160 | 467 | -.433 | .084 | -.185 | -.978 | 160 | 550 | -.680 | .119 | -.400 | -1.112 |
| 160 | 418 | .153 | .137 | .707 | -.524 | 160 | 501 | -.523 | .081 | -.288 | -.790 | 160 | 551 | -.262 | .100 | -.114 | -.605 |
| 160 | 419 | .108 | .208 | .777 | -.850 | 160 | 502 | -.551 | .081 | -.316 | -.929 | 160 | 552 | -.165 | .130 | -.784 | -.251 |
| 160 | 420 | .142 | .223 | .847 | -.714 | 160 | 503 | -.593 | .084 | -.367 | -1.039 | 160 | 553 | -.423 | .158 | 1.022 | -.057 |
| 160 | 421 | .060 | .115 | .557 | -.541 | 160 | 504 | -.631 | .067 | -.426 | -.953 | 160 | 554 | -.461 | .171 | 1.003 | -.518 |
| 160 | 422 | .008 | .172 | .659 | -.621 | 160 | 505 | -.532 | .058 | -.319 | -.730 | 160 | 555 | -.504 | .098 | -.165 | -.989 |
| 160 | 423 | .051 | .205 | .807 | -.799 | 160 | 506 | -.239 | .077 | -.040 | -.493 | 160 | 556 | -.581 | .105 | -.287 | -1.071 |
| 160 | 424 | .033 | .116 | .439 | -.556 | 160 | 507 | .009 | .119 | .430 | -.426 | 160 | 557 | -.699 | .104 | -.384 | -1.133 |
| 160 | 425 | .027 | .109 | .409 | -.586 | 160 | 508 | .323 | .142 | .765 | -.137 | 160 | 558 | -.750 | .123 | -.307 | -1.143 |
| 160 | 426 | .003 | .129 | .462 | -.754 | 160 | 509 | .429 | .166 | .894 | -.187 | 160 | 559 | -.613 | .112 | -.287 | -1.066 |
| 160 | 427 | .031 | .106 | .444 | -.511 | 160 | 510 | -.536 | .073 | -.242 | -.828 | 160 | 560 | -.253 | .096 | -.116 | -.583 |
| 160 | 428 | .042 | .124 | .580 | -.540 | 160 | 511 | -.619 | .087 | -.362 | -.919 | 160 | 561 | -.131 | .122 | .707 | -.319 |
| 160 | 429 | .025 | .109 | .603 | -.393 | 160 | 512 | -.710 | .090 | -.446 | -1.000 | 160 | 562 | -.324 | .148 | -.892 | -.102 |
| 160 | 430 | .032 | .102 | .462 | -.411 | 160 | 513 | -.787 | .096 | -.491 | -1.087 | 160 | 563 | -.345 | .166 | -.969 | -.468 |
| 160 | 431 | .092 | .080 | .305 | -.429 | 160 | 514 | -.620 | .094 | -.307 | -.955 | 160 | 564 | -.438 | .114 | -.124 | -1.169 |
| 160 | 432 | .154 | .054 | .077 | -.391 | 160 | 515 | -.173 | .099 | -.172 | -.546 | 160 | 565 | -.429 | .100 | -.155 | -.814 |
| 160 | 433 | .186 | .060 | .138 | -.534 | 160 | 516 | -.317 | .135 | .738 | -.077 | 160 | 566 | -.523 | .094 | -.208 | -.855 |
| 160 | 434 | .217 | .071 | .154 | -.514 | 160 | 517 | -.565 | .169 | 1.085 | -.054 | 160 | 567 | -.585 | .092 | -.162 | -.901 |
| 160 | 435 | .302 | .077 | .084 | -.704 | 160 | 518 | -.662 | .176 | 1.195 | -.066 | 160 | 568 | -.476 | .092 | -.081 | -.785 |
| 160 | 436 | .036 | .090 | .529 | -.339 | 160 | 519 | -.520 | .093 | -.254 | -.893 | 160 | 569 | -.235 | .081 | -.071 | -.619 |
| 160 | 437 | .046 | .095 | .612 | -.316 | 160 | 520 | -.628 | .113 | -.261 | -1.039 | 160 | 570 | -.068 | .111 | -.518 | -.472 |
| 160 | 438 | .061 | .112 | .727 | -.216 | 160 | 521 | -.764 | .105 | -.467 | -1.137 | 160 | 571 | -.209 | .135 | -.895 | -.186 |
| 160 | 439 | .056 | .110 | .487 | -.209 | 160 | 522 | -.862 | .113 | -.529 | -1.240 | 160 | 572 | -.241 | .150 | -.909 | -.333 |
| 160 | 440 | .059 | .112 | .572 | -.201 | 160 | 523 | -.718 | .122 | -.369 | -1.161 | 160 | 573 | -.355 | .057 | -.191 | -.664 |
| 160 | 441 | .071 | .108 | .518 | -.445 | 160 | 524 | -.212 | .110 | -.227 | -.568 | 160 | 574 | -.286 | .050 | -.131 | -.494 |
| 160 | 442 | .046 | .113 | .495 | -.443 | 160 | 525 | -.293 | .143 | .731 | -.185 | 160 | 575 | -.191 | .057 | -.094 | -.409 |
| 160 | 443 | .037 | .084 | .428 | -.283 | 160 | 526 | -.582 | .167 | 1.018 | -.081 | 160 | 576 | -.303 | .060 | -.129 | -.574 |
| 160 | 444 | .106 | .064 | .241 | -.344 | 160 | 527 | -.618 | .172 | 1.104 | -.100 | 160 | 577 | -.301 | .057 | -.121 | -.541 |
| 160 | 445 | .167 | .041 | .025 | -.296 | 160 | 528 | -.503 | .097 | -.216 | -.957 | 160 | 578 | -.332 | .058 | -.109 | -.556 |
| 160 | 446 | .199 | .042 | -.021 | -.357 | 160 | 529 | -.638 | .125 | -.269 | -1.158 | 160 | 579 | -.331 | .057 | -.156 | -.594 |
| 160 | 447 | .281 | .068 | .061 | -.676 | 160 | 530 | -.777 | .116 | -.443 | -1.261 | 160 | 580 | -.246 | .044 | -.076 | -.449 |
| 160 | 448 | .359 | .063 | -.005 | -.653 | 160 | 531 | -.896 | .126 | -.541 | -1.417 | 160 | 581 | -.289 | .045 | -.159 | -.486 |
| 160 | 449 | .342 | .059 | .131 | -.627 | 160 | 532 | -.711 | .120 | -.331 | -1.209 | 160 | 582 | -.232 | .038 | -.116 | -.376 |
| 160 | 450 | .427 | .079 | -.142 | -.909 | 160 | 533 | -.238 | .119 | -.246 | -.749 | 160 | 583 | -.192 | .046 | -.009 | -.356 |
| 160 | 451 | .383 | .114 | .333 | -.735 | 160 | 534 | -.262 | .147 | -.698 | -.278 | 160 | 584 | -.065 | .061 | -.206 | -.344 |
| 160 | 452 | .353 | .155 | .480 | -.886 | 160 | 535 | -.548 | .177 | 1.081 | -.144 | 160 | 585 | -.046 | .109 | -.499 | -.249 |
| 160 | 453 | .397 | .094 | .089 | -.773 | 160 | 536 | -.599 | .167 | 1.078 | -.071 | 160 | 586 | -.039 | .119 | -.544 | -.619 |
| 160 | 454 | .358 | .132 | .115 | -.104 | 160 | 537 | -.525 | .098 | -.247 | -1.000 | 160 | 587 | -.223 | .046 | -.059 | -.411 |
| 160 | 455 | .300 | .098 | .070 | -.710 | 160 | 538 | -.627 | .118 | -.319 | -1.099 | 160 | 588 | -.252 | .041 | -.104 | -.391 |
| 160 | 456 | .199 | .162 | .387 | -.913 | 160 | 539 | -.760 | .120 | -.429 | -1.199 | 160 | 589 | -.277 | .050 | -.116 | -.439 |
| 160 | 457 | .225 | .101 | .235 | -.558 | 160 | 540 | -.862 | .121 | -.520 | -1.254 | 160 | 590 | -.228 | .049 | -.061 | -.416 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 591 | -.218 | .043 | -.079 | -.409 | 160 | 722 | -.424 | .101 | -.185 | -1.139 | 160 | 805 | -.263 | .046 | -.120 | -.455 |
| 160 | 592 | -.314 | .064 | -.121 | -.626 | 160 | 723 | -.418 | .121 | -.133 | -1.298 | 160 | 901 | -1.183 | .163 | -.683 | -2.146 |
| 160 | 593 | -.305 | .055 | -.129 | -.576 | 160 | 724 | -.400 | .117 | -.110 | -1.105 | 160 | 902 | -.778 | .103 | -.470 | -1.339 |
| 160 | 594 | -.335 | .063 | -.136 | -.589 | 160 | 725 | -.307 | .094 | -.033 | -.769 | 160 | 903 | -.668 | .089 | -.367 | -1.082 |
| 160 | 595 | -.427 | .096 | -.176 | -.824 | 160 | 726 | -.286 | .076 | -.001 | -.550 | 160 | 904 | -.489 | .085 | -.215 | -.923 |
| 160 | 596 | -.173 | .043 | -.016 | -.376 | 160 | 727 | -.288 | .062 | -.086 | -.680 | 160 | 905 | -.354 | .069 | -.027 | -.778 |
| 160 | 597 | -.097 | .049 | -.129 | -.339 | 160 | 728 | -.414 | .118 | -.110 | -1.086 | 160 | 906 | -1.104 | .156 | -.519 | -1.698 |
| 160 | 598 | -.022 | .076 | .341 | -.359 | 160 | 729 | -.406 | .108 | -.133 | -.888 | 160 | 907 | -.670 | .205 | -.168 | -1.303 |
| 160 | 599 | -.025 | .092 | .380 | -.444 | 160 | 730 | -.411 | .108 | -.175 | -.903 | 160 | 908 | -.456 | .079 | -.258 | -.838 |
| 160 | 600 | -.201 | .039 | -.056 | -.406 | 160 | 731 | -.374 | .112 | -.048 | -.962 | 160 | 909 | -.264 | .083 | .010 | -.579 |
| 160 | 601 | -.218 | .035 | .031 | -.356 | 160 | 732 | -.291 | .071 | -.013 | -.584 | 160 | 910 | -.397 | .048 | -.237 | -.655 |
| 160 | 602 | -.248 | .038 | -.115 | -.361 | 160 | 733 | -.337 | .069 | -.106 | -.623 | 160 | 911 | -.376 | .071 | -.068 | -.809 |
| 160 | 603 | -.265 | .045 | .092 | -.473 | 160 | 734 | -.372 | .078 | -.082 | -.764 | 160 | 912 | -.396 | .040 | -.249 | -.600 |
| 160 | 604 | -.140 | .039 | .016 | -.299 | 160 | 735 | -.403 | .093 | -.131 | -.831 | 160 | 913 | -.047 | .099 | .496 | -.434 |
| 160 | 605 | -.126 | .040 | .024 | -.257 | 160 | 736 | -.413 | .087 | -.185 | -.787 | 160 | 914 | -.198 | .153 | .304 | -.754 |
| 160 | 606 | -.126 | .040 | .014 | -.262 | 160 | 737 | -.423 | .112 | -.141 | -1.125 | 160 | 915 | -.448 | .067 | -.160 | -.890 |
| 160 | 607 | -.304 | .051 | -.163 | -.590 | 160 | 738 | -.426 | .118 | -.126 | -1.045 | 160 | 916 | -.454 | .048 | -.265 | -.645 |
| 160 | 608 | -.305 | .060 | -.073 | -.530 | 160 | 739 | -.251 | .113 | -.204 | -.852 | 160 | 917 | -.438 | .120 | -.158 | -1.132 |
| 160 | 609 | -.313 | .053 | -.145 | -.565 | 160 | 740 | -.193 | .080 | -.217 | -.527 | 160 | 918 | -.513 | .126 | -.253 | -1.296 |
| 160 | 610 | -.205 | .038 | .046 | -.339 | 160 | 741 | -.285 | .068 | -.031 | -.553 | 160 | 919 | -.497 | .078 | -.144 | -.821 |
| 160 | 611 | -.223 | .038 | .091 | -.384 | 160 | 742 | -.334 | .068 | -.007 | -.664 | 160 | 920 | -.162 | .071 | -.258 | -.445 |
| 160 | 612 | -.268 | .046 | -.145 | -.461 | 160 | 743 | -.416 | .085 | -.168 | -.786 | 160 | 921 | -.578 | .089 | -.218 | -1.009 |
| 160 | 613 | -.278 | .052 | -.081 | -.471 | 160 | 744 | -.403 | .092 | -.008 | -.898 | 160 | 922 | -.437 | .169 | -.077 | -.978 |
| 160 | 614 | -.113 | .053 | .141 | -.272 | 160 | 745 | -.245 | .109 | .151 | -.615 | 160 | 923 | -.257 | .059 | -.025 | -.555 |
| 160 | 615 | -.055 | .063 | .173 | -.279 | 160 | 746 | -.214 | .096 | .138 | -.575 | 160 | 924 | -.016 | .071 | -.288 | -.251 |
| 160 | 616 | -.048 | .085 | .250 | -.297 | 160 | 747 | -.194 | .088 | .299 | -.512 | 160 | 925 | -.421 | .082 | -.153 | -.948 |
| 160 | 617 | -.003 | .069 | .297 | -.192 | 160 | 748 | -.432 | .082 | -.236 | -.823 | 160 | 926 | -.256 | .050 | -.051 | -.470 |
| 160 | 618 | -.025 | .087 | .409 | -.237 | 160 | 749 | -.441 | .089 | -.200 | -.810 | 160 | 927 | -.498 | .062 | -.272 | -.757 |
| 160 | 619 | -.004 | .090 | .431 | -.344 | 160 | 750 | -.411 | .070 | -.167 | -.689 | 160 | 928 | -.508 | .064 | -.230 | -.828 |
| 160 | 701 | -.474 | .066 | -.260 | -.767 | 160 | 751 | -.276 | .055 | -.051 | -.491 | 160 | 929 | -.377 | .104 | -.046 | -.762 |
| 160 | 702 | -.471 | .064 | -.249 | -.703 | 160 | 752 | -.278 | .055 | -.087 | -.491 | 160 | 930 | -.402 | .069 | -.043 | -.685 |
| 160 | 703 | -.458 | .064 | -.247 | -.691 | 160 | 753 | -.499 | .113 | -.203 | -1.325 | 160 | 931 | -.302 | .047 | -.046 | -.524 |
| 160 | 704 | -.479 | .065 | -.307 | -.734 | 160 | 754 | -.443 | .089 | -.214 | -1.157 | 160 | 932 | -.480 | .093 | -.176 | -.989 |
| 160 | 705 | -.482 | .067 | -.280 | -.787 | 160 | 755 | -.570 | .146 | -.218 | -1.307 | 160 | 933 | -.217 | .088 | .105 | -.600 |
| 160 | 706 | -.479 | .067 | -.261 | -.766 | 160 | 756 | -.486 | .107 | -.216 | -1.058 | 160 | 934 | -.242 | .046 | .038 | -.414 |
| 160 | 707 | -.473 | .073 | -.259 | -.768 | 160 | 757 | -.544 | .174 | -.126 | -1.217 | 160 | 935 | -.464 | .097 | -.146 | -1.035 |
| 160 | 708 | -.469 | .072 | -.239 | -.775 | 160 | 758 | -.395 | .062 | -.200 | -.726 | 160 | 936 | -.418 | .113 | -.048 | -1.066 |
| 160 | 709 | -.461 | .078 | -.237 | -.766 | 160 | 759 | -.409 | .072 | -.222 | -.761 | 160 | 937 | -.379 | .062 | -.120 | -.654 |
| 160 | 710 | -.434 | .062 | -.262 | -.847 | 160 | 760 | -.275 | .061 | .000 | -.457 | 160 | 938 | -.429 | .107 | -.015 | -1.030 |
| 160 | 711 | -.441 | .074 | -.218 | -.874 | 160 | 761 | -.283 | .061 | .036 | -.595 | 160 | 939 | -.480 | .105 | -.253 | -1.147 |
| 160 | 712 | -.443 | .077 | -.227 | -.818 | 160 | 762 | -.129 | .143 | .716 | -.263 | 160 | 940 | -.253 | .144 | .312 | -.818 |
| 160 | 713 | -.442 | .077 | -.237 | -.148 | 160 | 763 | .031 | .104 | .422 | -.296 | 160 | 941 | -.352 | .054 | -.130 | -.590 |
| 160 | 714 | -.436 | .067 | -.235 | -.852 | 160 | 764 | .058 | .119 | .639 | -.268 | 160 | 942 | -.457 | .109 | -.094 | -1.060 |
| 160 | 715 | -.439 | .078 | -.223 | -.840 | 160 | 765 | -.087 | .115 | -.552 | -.176 | 160 | 943 | -.151 | .160 | .399 | -.705 |
| 160 | 716 | -.457 | .081 | -.256 | -.946 | 160 | 766 | -.432 | .090 | -.225 | -.844 | 160 | 944 | -.419 | .135 | -.025 | -.991 |
| 160 | 717 | -.454 | .084 | -.196 | -.842 | 160 | 767 | -.032 | .111 | .534 | -.232 | 160 | 945 | -.211 | .069 | -.192 | -.498 |
| 160 | 718 | -.438 | .080 | -.174 | -.818 | 160 | 801 | -.136 | .040 | .023 | -.281 | 160 | 946 | -.355 | .073 | -.161 | -.698 |
| 160 | 719 | -.461 | .101 | -.220 | -.1329 | 160 | 802 | -.178 | .043 | -.013 | -.460 | 160 | 947 | -.232 | .050 | -.008 | -.457 |
| 160 | 720 | -.431 | .083 | -.227 | -.980 | 160 | 803 | -.301 | .039 | -.189 | -.450 | 160 | 948 | -.283 | .051 | -.112 | -.593 |
| 160 | 721 | -.433 | .082 | -.225 | -.1.162 | 160 | 804 | -.274 | .045 | -.079 | -.480 | 160 | 949 | -.466 | .166 | -.102 | -1.403 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 950 | 324 | 159 | 141 | -1.216 | 170 | 146 | 408 | 037 | 282 | 549 | 170 | 196 | 396 | 032 | 287 | 500 |
| 160 | 951 | 233 | 074 | 102 | 823 | 170 | 147 | 414 | 040 | 235 | 545 | 170 | 197 | 402 | 036 | 304 | 611 |
| 160 | 952 | 293 | 064 | 036 | 598 | 170 | 148 | 420 | 042 | 278 | 605 | 170 | 198 | 400 | 037 | 282 | 527 |
| 160 | 953 | 403 | 097 | 120 | 876 | 170 | 149 | 422 | 040 | 280 | 572 | 170 | 199 | 399 | 037 | 280 | 541 |
| 160 | 954 | 338 | 069 | 143 | 761 | 170 | 150 | 423 | 044 | 287 | 582 | 170 | 200 | 881 | 218 | 123 | 657 |
| 170 | 101 | 244 | 171 | 808 | -1.741 | 170 | 151 | 421 | 043 | 295 | 586 | 170 | 201 | 738 | 160 | 224 | 405 |
| 170 | 102 | 616 | 102 | 255 | 965 | 170 | 152 | 416 | 045 | 265 | 572 | 170 | 202 | 304 | 095 | 038 | 680 |
| 170 | 103 | 385 | 053 | 194 | 588 | 170 | 153 | 410 | 040 | 277 | 582 | 170 | 203 | 311 | 056 | 113 | 483 |
| 170 | 104 | 308 | 033 | 179 | 411 | 170 | 154 | 387 | 037 | 267 | 567 | 170 | 204 | 362 | 041 | 224 | 524 |
| 170 | 105 | 348 | 033 | 230 | 480 | 170 | 155 | 387 | 036 | 255 | 570 | 170 | 205 | 391 | 032 | 292 | 493 |
| 170 | 106 | 404 | 041 | 269 | 558 | 170 | 156 | 375 | 032 | 275 | 511 | 170 | 206 | 417 | 038 | 268 | 604 |
| 170 | 107 | 399 | 039 | 247 | 585 | 170 | 157 | 385 | 037 | 275 | 548 | 170 | 207 | 415 | 036 | 309 | 548 |
| 170 | 108 | 401 | 039 | 257 | 583 | 170 | 158 | 386 | 041 | 250 | 585 | 170 | 208 | 408 | 036 | 290 | 536 |
| 170 | 109 | 411 | 039 | 211 | 575 | 170 | 159 | 383 | 039 | 250 | 556 | 170 | 209 | 407 | 034 | 311 | 599 |
| 170 | 110 | 422 | 058 | 243 | 737 | 170 | 160 | 996 | 196 | 211 | -1.667 | 170 | 210 | 415 | 035 | 309 | 570 |
| 170 | 111 | 408 | 072 | 174 | 791 | 170 | 161 | 595 | 122 | 117 | -1.140 | 170 | 211 | 417 | 041 | 306 | 897 |
| 170 | 112 | 176 | 068 | 071 | 497 | 170 | 162 | 368 | 097 | 046 | -1.703 | 170 | 212 | 423 | 037 | 323 | 604 |
| 170 | 113 | 188 | 060 | 049 | 443 | 170 | 163 | 324 | 048 | 142 | 540 | 170 | 213 | 422 | 039 | 321 | 694 |
| 170 | 114 | 400 | 051 | 211 | 715 | 170 | 164 | 369 | 034 | 248 | 481 | 170 | 214 | 422 | 030 | 355 | 525 |
| 170 | 115 | 376 | 042 | 230 | 539 | 170 | 165 | 402 | 033 | 297 | 545 | 170 | 215 | 431 | 045 | 320 | 728 |
| 170 | 116 | 370 | 039 | 245 | 558 | 170 | 166 | 400 | 032 | 294 | 506 | 170 | 216 | 431 | 042 | 294 | 657 |
| 170 | 117 | 375 | 045 | 211 | 561 | 170 | 167 | 397 | 031 | 294 | 538 | 170 | 217 | 420 | 045 | 292 | 631 |
| 170 | 118 | 387 | 046 | 233 | 588 | 170 | 168 | 396 | 033 | 294 | 503 | 170 | 218 | 430 | 046 | 296 | 643 |
| 170 | 119 | 384 | 048 | 238 | 617 | 170 | 169 | 394 | 033 | 293 | 506 | 170 | 219 | 433 | 049 | 263 | 659 |
| 170 | 120 | 364 | 033 | 250 | 482 | 170 | 170 | 397 | 035 | 297 | 557 | 170 | 220 | 435 | 187 | 100 | -1.465 |
| 170 | 121 | 422 | 037 | 294 | 590 | 170 | 171 | 400 | 032 | 309 | 568 | 170 | 221 | 418 | 123 | 071 | 886 |
| 170 | 122 | 431 | 042 | 299 | 585 | 170 | 172 | 396 | 034 | 299 | 506 | 170 | 222 | 285 | 076 | 031 | 583 |
| 170 | 123 | 419 | 041 | 287 | 588 | 170 | 173 | 405 | 035 | 299 | 599 | 170 | 223 | 293 | 049 | 136 | 498 |
| 170 | 124 | 416 | 046 | 237 | 637 | 170 | 174 | 394 | 031 | 302 | 535 | 170 | 224 | 362 | 042 | 234 | 515 |
| 170 | 125 | 430 | 059 | 123 | 695 | 170 | 175 | 391 | 032 | 272 | 501 | 170 | 225 | 379 | 040 | 258 | 556 |
| 170 | 126 | 381 | 085 | 066 | 752 | 170 | 176 | 390 | 033 | 292 | 528 | 170 | 226 | 428 | 048 | 294 | 735 |
| 170 | 127 | 421 | 066 | 211 | 879 | 170 | 177 | 389 | 037 | 285 | 545 | 170 | 227 | 431 | 047 | 263 | 626 |
| 170 | 128 | 385 | 046 | 225 | 754 | 170 | 178 | 402 | 037 | 277 | 565 | 170 | 228 | 421 | 049 | 273 | 723 |
| 170 | 129 | 375 | 041 | 235 | 531 | 170 | 179 | 398 | 040 | 235 | 585 | 170 | 229 | 424 | 046 | 277 | 636 |
| 170 | 130 | 402 | 036 | 243 | 556 | 170 | 180 | 015 | 224 | 302 | -1.930 | 170 | 230 | 440 | 054 | 319 | 757 |
| 170 | 131 | 432 | 044 | 311 | 668 | 170 | 181 | 715 | 152 | 029 | -1.337 | 170 | 231 | 442 | 051 | 280 | 725 |
| 170 | 132 | 420 | 039 | 269 | 580 | 170 | 182 | 350 | 106 | 029 | 705 | 170 | 232 | 453 | 062 | 279 | 668 |
| 170 | 133 | 404 | 039 | 250 | 544 | 170 | 183 | 321 | 058 | 137 | 557 | 170 | 233 | 454 | 066 | 308 | -1.610 |
| 170 | 134 | 431 | 046 | 245 | 612 | 170 | 184 | 361 | 037 | 208 | 508 | 170 | 234 | 449 | 055 | 310 | 842 |
| 170 | 135 | 442 | 049 | 282 | 661 | 170 | 185 | 391 | 033 | 267 | 511 | 170 | 235 | 439 | 058 | 293 | 810 |
| 170 | 136 | 450 | 062 | 214 | 831 | 170 | 186 | 401 | 032 | 304 | 518 | 170 | 236 | 433 | 054 | 271 | 744 |
| 170 | 137 | 415 | 040 | 272 | 577 | 170 | 187 | 404 | 034 | 299 | 521 | 170 | 237 | 433 | 047 | 262 | 615 |
| 170 | 138 | 395 | 042 | 240 | 610 | 170 | 188 | 393 | 033 | 294 | 518 | 170 | 238 | 426 | 049 | 252 | 661 |
| 170 | 139 | 386 | 040 | 235 | 580 | 170 | 189 | 397 | 031 | 294 | 516 | 170 | 239 | 423 | 053 | 235 | 649 |
| 170 | 140 | 195 | 210 | 446 | -1.787 | 170 | 190 | 398 | 033 | 284 | 528 | 170 | 240 | 620 | 167 | 174 | -1.314 |
| 170 | 141 | 519 | 111 | 098 | 952 | 170 | 191 | 403 | 037 | 294 | 545 | 170 | 241 | 491 | 135 | 006 | -1.029 |
| 170 | 142 | 341 | 069 | 115 | 624 | 170 | 192 | 403 | 032 | 302 | 540 | 170 | 242 | 266 | 078 | 002 | 720 |
| 170 | 143 | 318 | 040 | 164 | 456 | 170 | 193 | 409 | 036 | 277 | 657 | 170 | 243 | 288 | 052 | 064 | 483 |
| 170 | 144 | 392 | 034 | 284 | 536 | 170 | 194 | 413 | 036 | 299 | 529 | 170 | 244 | 348 | 045 | 225 | 535 |
| 170 | 145 | 453 | 045 | 304 | 629 | 170 | 195 | 402 | 033 | 302 | 527 | 170 | 245 | 390 | 054 | 237 | 630 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 170 | 246 | -.426 | .069 | -.227 | -1.022 | 170 | 296 | -.395 | .075 | -.091 | -.773 | 170 | 346 | -.313 | .064 | -.041 | -.586 |
| 170 | 247 | -.429 | .065 | -.230 | -.764 | 170 | 297 | -.432 | .083 | -.146 | -.785 | 170 | 347 | -.264 | .086 | -.060 | -.544 |
| 170 | 248 | -.421 | .058 | -.245 | -.710 | 170 | 298 | -.434 | .100 | -.086 | -.017 | 170 | 348 | -.187 | .059 | -.078 | -.400 |
| 170 | 249 | -.436 | .063 | -.269 | -.720 | 170 | 299 | -.451 | .116 | -.119 | -1.202 | 170 | 349 | -.204 | .055 | -.113 | -.395 |
| 170 | 250 | -.443 | .073 | -.230 | -1.010 | 170 | 300 | -.411 | .083 | -.171 | -.848 | 170 | 350 | -.131 | .092 | -.322 | -.413 |
| 170 | 251 | -.467 | .076 | -.236 | -.910 | 170 | 301 | -.406 | .084 | -.194 | -.803 | 170 | 351 | -.189 | .067 | -.115 | -.438 |
| 170 | 252 | -.470 | .079 | -.237 | -.984 | 170 | 302 | -.459 | .099 | -.219 | -1.135 | 170 | 352 | -.301 | .057 | -.098 | -.554 |
| 170 | 253 | -.486 | .093 | -.286 | -1.233 | 170 | 303 | -.460 | .083 | -.244 | -.905 | 170 | 353 | -.290 | .062 | -.078 | -.534 |
| 170 | 254 | -.457 | .088 | -.223 | -1.119 | 170 | 304 | -.432 | .080 | -.214 | -.850 | 170 | 401 | -.530 | .228 | -.280 | -1.406 |
| 170 | 255 | -.443 | .073 | -.227 | -.925 | 170 | 305 | -.318 | .104 | -.148 | -.715 | 170 | 402 | -.559 | .346 | -.592 | -1.586 |
| 170 | 256 | -.443 | .071 | -.206 | -.871 | 170 | 306 | -.195 | .140 | -.288 | -.768 | 170 | 403 | -.201 | .123 | -.525 | -1.614 |
| 170 | 257 | -.457 | .070 | -.223 | -.966 | 170 | 307 | -.222 | .081 | -.103 | -.591 | 170 | 404 | -.384 | .292 | -.543 | -1.392 |
| 170 | 258 | -.457 | .069 | -.240 | -.747 | 170 | 308 | -.403 | .111 | -.146 | -.850 | 170 | 405 | -.470 | .296 | -.528 | -1.446 |
| 170 | 259 | -.455 | .069 | -.284 | -.925 | 170 | 309 | -.284 | .080 | -.065 | -.700 | 170 | 406 | -.036 | .271 | -.640 | -1.313 |
| 170 | 260 | -.466 | .123 | -.098 | -1.015 | 170 | 310 | -.332 | .062 | -.011 | -.655 | 170 | 407 | -.419 | .332 | -.521 | -1.138 |
| 170 | 261 | -.414 | .102 | -.011 | -.878 | 170 | 311 | -.358 | .072 | -.011 | -.648 | 170 | 408 | -.444 | .341 | -.514 | -1.695 |
| 170 | 262 | -.231 | .072 | -.001 | -.513 | 170 | 312 | -.371 | .077 | -.121 | -.698 | 170 | 409 | -.041 | .291 | -.507 | -1.313 |
| 170 | 263 | -.281 | .053 | -.118 | -.498 | 170 | 313 | -.313 | .073 | -.105 | -.725 | 170 | 410 | -.342 | .322 | -.628 | -1.531 |
| 170 | 264 | -.394 | .059 | -.191 | -.605 | 170 | 314 | -.390 | .104 | -.084 | -.967 | 170 | 411 | -.377 | .355 | -.706 | -1.629 |
| 170 | 265 | -.394 | .076 | -.220 | -.751 | 170 | 315 | -.453 | .080 | -.231 | -.957 | 170 | 412 | -.067 | .347 | -.711 | -1.323 |
| 170 | 266 | -.463 | .129 | -.188 | -1.156 | 170 | 316 | -.223 | .124 | -.268 | -.640 | 170 | 413 | -.307 | .316 | -.590 | -1.723 |
| 170 | 267 | -.476 | .124 | -.225 | -1.166 | 170 | 317 | -.210 | .084 | -.131 | -.603 | 170 | 414 | -.020 | .261 | -.592 | -1.344 |
| 170 | 268 | -.488 | .128 | -.259 | -1.254 | 170 | 318 | -.382 | .119 | -.066 | -1.250 | 170 | 415 | -.273 | .316 | -.780 | -1.368 |
| 170 | 269 | -.482 | .107 | -.269 | -1.293 | 170 | 319 | -.283 | .077 | -.086 | -.758 | 170 | 416 | -.286 | .289 | -.576 | -1.598 |
| 170 | 270 | -.466 | .092 | -.232 | -1.078 | 170 | 320 | -.282 | .073 | -.109 | -.598 | 170 | 417 | -.259 | .329 | -.611 | -1.695 |
| 170 | 271 | -.466 | .107 | -.033 | -.244 | 170 | 321 | -.284 | .067 | -.071 | -.578 | 170 | 418 | -.054 | .207 | -.433 | -.926 |
| 170 | 272 | -.435 | .092 | -.050 | -1.061 | 170 | 322 | -.311 | .066 | -.011 | -.578 | 170 | 419 | -.190 | .250 | -.563 | -1.301 |
| 170 | 273 | -.449 | .099 | -.084 | -.978 | 170 | 323 | -.260 | .061 | -.046 | -.700 | 170 | 420 | -.186 | .275 | -.733 | -1.198 |
| 170 | 274 | -.419 | .081 | -.091 | -.800 | 170 | 324 | -.247 | .063 | -.036 | -.521 | 170 | 421 | -.074 | .167 | -.366 | -.991 |
| 170 | 275 | -.398 | .076 | -.118 | -.695 | 170 | 325 | -.299 | .087 | -.014 | -.803 | 170 | 422 | -.154 | .191 | -.568 | -.983 |
| 170 | 276 | -.374 | .076 | -.103 | -.754 | 170 | 326 | -.377 | .072 | -.150 | -.811 | 170 | 423 | -.154 | .224 | -.606 | -1.111 |
| 170 | 277 | -.460 | .108 | -.123 | -1.166 | 170 | 327 | -.040 | .114 | -.508 | -.401 | 170 | 424 | -.073 | .141 | -.426 | -.796 |
| 170 | 278 | -.421 | .120 | -.144 | -1.126 | 170 | 328 | -.141 | .090 | -.310 | -.500 | 170 | 425 | -.080 | .131 | -.413 | -.749 |
| 170 | 279 | -.554 | .138 | -.134 | -1.641 | 170 | 329 | -.368 | .125 | -.001 | -1.044 | 170 | 426 | -.051 | .142 | -.388 | -.833 |
| 170 | 280 | -.109 | .084 | -.271 | -.563 | 170 | 330 | -.298 | .078 | -.063 | -.672 | 170 | 427 | -.022 | .118 | -.373 | -.664 |
| 170 | 281 | -.090 | .096 | -.316 | -.491 | 170 | 331 | -.310 | .081 | -.065 | -.664 | 170 | 428 | -.043 | .142 | -.533 | -.561 |
| 170 | 282 | -.276 | .129 | -.128 | -.850 | 170 | 332 | -.317 | .056 | -.110 | -.609 | 170 | 429 | -.033 | .107 | -.390 | -.363 |
| 170 | 283 | -.236 | .047 | -.024 | -.448 | 170 | 333 | -.303 | .068 | -.009 | -.542 | 170 | 430 | -.056 | .103 | -.377 | -.360 |
| 170 | 284 | -.267 | .039 | -.151 | -.423 | 170 | 334 | -.241 | .063 | -.071 | -.604 | 170 | 431 | -.101 | .089 | -.294 | -.410 |
| 170 | 285 | -.273 | .051 | -.089 | -.471 | 170 | 335 | -.214 | .065 | -.166 | -.401 | 170 | 432 | -.159 | .053 | -.065 | -.433 |
| 170 | 286 | -.377 | .086 | -.191 | -.838 | 170 | 336 | -.325 | .108 | -.002 | -.895 | 170 | 433 | -.209 | .057 | -.010 | -.441 |
| 170 | 287 | -.333 | .053 | -.169 | -.603 | 170 | 337 | -.253 | .059 | -.080 | -.622 | 170 | 434 | -.244 | .068 | -.171 | -.569 |
| 170 | 288 | -.346 | .054 | -.206 | -.648 | 170 | 338 | -.302 | .081 | -.103 | -.701 | 170 | 435 | -.344 | .074 | -.269 | -.607 |
| 170 | 289 | -.369 | .058 | -.196 | -.611 | 170 | 339 | -.201 | .063 | -.070 | -.461 | 170 | 436 | -.041 | .083 | -.388 | -.446 |
| 170 | 290 | -.375 | .065 | -.164 | -.660 | 170 | 340 | -.259 | .048 | -.078 | -.466 | 170 | 437 | -.019 | .084 | -.516 | -.374 |
| 170 | 291 | -.352 | .068 | -.131 | -.808 | 170 | 341 | -.255 | .053 | -.073 | -.483 | 170 | 438 | -.014 | .078 | -.358 | -.304 |
| 170 | 292 | -.389 | .068 | -.201 | -.778 | 170 | 342 | -.194 | .054 | -.022 | -.405 | 170 | 439 | -.014 | .093 | -.586 | -.234 |
| 170 | 293 | -.379 | .057 | -.201 | -.778 | 170 | 343 | -.206 | .058 | -.050 | -.473 | 170 | 440 | -.014 | .093 | -.531 | -.261 |
| 170 | 294 | -.376 | .060 | -.186 | -.653 | 170 | 344 | -.209 | .051 | -.141 | -.531 | 170 | 441 | -.097 | .126 | -.359 | -.529 |
| 170 | 295 | -.398 | .085 | -.114 | -.865 | 170 | 345 | -.311 | .053 | -.114 | -.541 | 170 | 442 | -.086 | .108 | -.395 | -.390 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 170 | 443 | -.081 | .090 | .309 | -.370 | 170 | 526 | .643 | .158 | 1.125 | -.183 | 170 | 576 | -.393 | .097 | -.146 | -.933 |
| 170 | 444 | -.114 | .066 | .241 | -.297 | 170 | 527 | .448 | .194 | .974 | -.144 | 170 | 577 | -.365 | .068 | -.131 | -.666 |
| 170 | 445 | -.180 | .040 | .010 | -.335 | 170 | 528 | .478 | .068 | -.253 | -.742 | 170 | 578 | -.367 | .058 | -.104 | -.669 |
| 170 | 446 | -.224 | .039 | -.031 | -.365 | 170 | 529 | .544 | .087 | -.277 | -.947 | 170 | 579 | -.308 | .045 | -.146 | -.484 |
| 170 | 447 | -.332 | .064 | -.028 | -.589 | 170 | 530 | .627 | .095 | -.394 | -1.007 | 170 | 580 | -.187 | .046 | -.033 | -.336 |
| 170 | 448 | -.359 | .056 | -.010 | -.622 | 170 | 531 | .675 | .103 | -.346 | -1.100 | 170 | 581 | -.214 | .045 | -.039 | -.386 |
| 170 | 449 | -.330 | .056 | -.066 | -.554 | 170 | 532 | .414 | .108 | -.020 | -.785 | 170 | 582 | -.152 | .044 | -.088 | -.304 |
| 170 | 450 | -.407 | .072 | .214 | -.788 | 170 | 533 | .081 | .124 | -.486 | -.287 | 170 | 583 | -.109 | .050 | -.091 | -.271 |
| 170 | 451 | -.396 | .096 | .304 | -.843 | 170 | 534 | .489 | .157 | .951 | -.113 | 170 | 584 | -.012 | .061 | -.376 | -.214 |
| 170 | 452 | -.390 | .129 | .251 | -.817 | 170 | 535 | .592 | .164 | 1.117 | -.109 | 170 | 585 | -.057 | .091 | -.621 | -.169 |
| 170 | 453 | -.382 | .080 | -.010 | -.964 | 170 | 536 | .404 | .191 | .996 | -.377 | 170 | 586 | -.046 | .101 | -.571 | -.324 |
| 170 | 454 | -.404 | .129 | .047 | -.049 | 170 | 537 | .485 | .073 | -.265 | -.754 | 170 | 587 | -.173 | .041 | -.004 | -.379 |
| 170 | 455 | -.326 | .088 | .060 | -.775 | 170 | 538 | .540 | .081 | -.299 | -.851 | 170 | 588 | -.205 | .051 | -.034 | -.396 |
| 170 | 456 | -.222 | .146 | .302 | -.773 | 170 | 539 | .637 | .092 | -.399 | -.950 | 170 | 589 | -.199 | .042 | -.029 | -.471 |
| 170 | 457 | -.214 | .085 | .160 | -.558 | 170 | 540 | .693 | .106 | -.330 | -1.085 | 170 | 590 | -.141 | .049 | -.083 | -.306 |
| 170 | 458 | -.198 | .078 | .115 | -.473 | 170 | 541 | .424 | .107 | -.113 | -.766 | 170 | 591 | -.138 | .045 | -.021 | -.324 |
| 170 | 459 | -.429 | .076 | -.238 | -.821 | 170 | 542 | .024 | .109 | .397 | -.339 | 170 | 592 | -.377 | .083 | -.121 | -.681 |
| 170 | 460 | -.393 | .065 | .213 | -.639 | 170 | 543 | .398 | .144 | 1.096 | -.008 | 170 | 593 | -.381 | .061 | -.199 | -.689 |
| 170 | 461 | -.209 | .157 | .334 | -.969 | 170 | 544 | .503 | .164 | 1.096 | .047 | 170 | 594 | -.392 | .066 | -.184 | -.714 |
| 170 | 462 | -.491 | .097 | .117 | -.088 | 170 | 545 | .410 | .166 | 1.061 | -.234 | 170 | 595 | -.531 | .091 | -.249 | -.053 |
| 170 | 463 | -.438 | .084 | -.160 | -.869 | 170 | 546 | .468 | .074 | 1.180 | -.861 | 170 | 596 | -.097 | .045 | -.121 | -.281 |
| 170 | 464 | -.407 | .084 | -.132 | -.800 | 170 | 547 | .521 | .080 | -.254 | -.879 | 170 | 597 | -.046 | .047 | -.208 | -.199 |
| 170 | 465 | -.415 | .117 | -.067 | -.884 | 170 | 548 | .623 | .092 | -.352 | -1.021 | 170 | 598 | -.013 | .081 | -.441 | -.211 |
| 170 | 466 | -.401 | .110 | -.092 | -.869 | 170 | 549 | .665 | .105 | -.314 | -1.045 | 170 | 599 | -.010 | .076 | -.334 | -.462 |
| 170 | 467 | -.424 | .118 | -.069 | -.929 | 170 | 550 | .442 | .093 | -.074 | -.738 | 170 | 600 | -.175 | .037 | -.009 | -.326 |
| 170 | 501 | -.428 | .056 | -.256 | -.680 | 170 | 551 | .032 | .104 | -.369 | -.383 | 170 | 601 | -.191 | .033 | -.049 | -.311 |
| 170 | 502 | -.457 | .060 | -.277 | -.735 | 170 | 552 | .319 | .146 | -.848 | -.067 | 170 | 602 | -.195 | .037 | -.033 | -.331 |
| 170 | 503 | -.520 | .061 | -.320 | -.780 | 170 | 553 | .426 | .159 | -.951 | -.002 | 170 | 603 | -.196 | .042 | -.029 | -.399 |
| 170 | 504 | -.556 | .062 | -.370 | -.776 | 170 | 554 | .304 | .185 | -.951 | -.405 | 170 | 604 | -.080 | .039 | -.108 | -.212 |
| 170 | 505 | -.386 | .070 | -.051 | -.635 | 170 | 555 | .528 | .078 | -.292 | -.901 | 170 | 605 | -.073 | .040 | -.126 | -.197 |
| 170 | 506 | -.072 | .091 | -.257 | -.361 | 170 | 556 | .540 | .082 | -.304 | -.903 | 170 | 606 | -.070 | .041 | -.138 | -.212 |
| 170 | 507 | -.173 | .128 | -.557 | -.225 | 170 | 557 | .592 | .089 | -.268 | -.961 | 170 | 607 | -.385 | .075 | -.130 | -.696 |
| 170 | 508 | -.393 | .151 | -.858 | -.091 | 170 | 558 | .592 | .107 | -.300 | -.949 | 170 | 608 | -.397 | .079 | -.170 | -.771 |
| 170 | 509 | -.433 | .167 | -.929 | -.213 | 170 | 559 | .423 | .097 | -.086 | -.829 | 170 | 609 | -.451 | .099 | -.197 | -.980 |
| 170 | 510 | -.440 | .058 | -.249 | -.723 | 170 | 560 | .096 | .084 | -.230 | -.407 | 170 | 610 | -.175 | .035 | -.026 | -.331 |
| 170 | 511 | -.479 | .068 | -.249 | -.776 | 170 | 561 | .200 | .126 | -.829 | -.113 | 170 | 611 | -.197 | .035 | -.078 | -.326 |
| 170 | 512 | -.564 | .069 | -.380 | -.849 | 170 | 562 | .326 | .167 | -.927 | -.038 | 170 | 612 | -.219 | .041 | -.083 | -.373 |
| 170 | 513 | -.612 | .088 | -.365 | -.945 | 170 | 563 | .303 | .166 | -.908 | -.237 | 170 | 613 | -.216 | .051 | -.008 | -.455 |
| 170 | 514 | -.341 | .094 | -.051 | -.642 | 170 | 564 | .544 | .099 | -.185 | -1.011 | 170 | 614 | -.075 | .051 | -.141 | -.202 |
| 170 | 515 | -.119 | .120 | -.631 | -.277 | 170 | 565 | .507 | .083 | -.249 | -.877 | 170 | 615 | -.028 | .055 | -.200 | -.195 |
| 170 | 516 | -.537 | .156 | 1.046 | -.018 | 170 | 566 | .532 | .085 | -.240 | -.908 | 170 | 616 | -.028 | .059 | -.220 | -.249 |
| 170 | 517 | -.635 | .167 | 1.108 | -.071 | 170 | 567 | .471 | .093 | -.664 | -.967 | 170 | 617 | -.014 | .058 | -.307 | -.160 |
| 170 | 518 | -.558 | .167 | 1.022 | -.056 | 170 | 568 | .361 | .086 | -.607 | -.798 | 170 | 618 | -.040 | .088 | -.486 | -.249 |
| 170 | 519 | -.454 | .061 | -.270 | -.704 | 170 | 569 | .128 | .070 | -.213 | -.383 | 170 | 619 | -.011 | .078 | -.590 | -.421 |
| 170 | 520 | -.531 | .080 | -.284 | -.909 | 170 | 570 | .100 | .104 | -.599 | -.300 | 170 | 701 | -.395 | .052 | -.246 | -.647 |
| 170 | 521 | -.613 | .082 | -.392 | -.983 | 170 | 571 | .214 | .127 | -.695 | -.074 | 170 | 702 | -.403 | .054 | -.233 | -.645 |
| 170 | 522 | -.679 | .103 | -.404 | -.059 | 170 | 572 | .189 | .132 | -.680 | -.211 | 170 | 703 | -.395 | .056 | -.218 | -.714 |
| 170 | 523 | -.394 | .107 | -.018 | -.793 | 170 | 573 | .333 | .049 | -.146 | -.551 | 170 | 704 | -.402 | .044 | -.256 | -.580 |
| 170 | 524 | -.126 | .124 | -.251 | -.251 | 170 | 574 | .206 | .047 | -.044 | -.411 | 170 | 705 | -.393 | .044 | -.252 | -.549 |
| 170 | 525 | -.548 | .150 | -.991 | -.057 | 170 | 575 | .104 | .055 | 1.226 | -.299 | 170 | 706 | -.391 | .044 | -.254 | -.580 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|--------|---------|-----|-----|---------|-------|--------|---------|-----|-----|---------|-------|--------|---------|
| 170 | 707 | - .418 | .046 | - .276 | - .630 | 170 | 757 | - .539 | .140 | - .170 | -1 .295 | 170 | 935 | - .449 | .122 | - .129 | -1 .361 |
| 170 | 708 | - .404 | .045 | - .278 | - .592 | 170 | 758 | - .404 | .065 | - .208 | - .705 | 170 | 936 | - .448 | .184 | - .029 | -1 .719 |
| 170 | 709 | - .406 | .048 | - .247 | - .604 | 170 | 759 | - .420 | .072 | - .224 | - .755 | 170 | 937 | - .390 | .060 | - .227 | - .733 |
| 170 | 710 | - .406 | .044 | - .271 | - .574 | 170 | 760 | - .277 | .058 | - .029 | - .947 | 170 | 938 | - .443 | .102 | - .154 | - .930 |
| 170 | 711 | - .413 | .051 | - .242 | - .604 | 170 | 761 | - .287 | .052 | - .007 | - .485 | 170 | 939 | - .458 | .091 | - .214 | -1 .026 |
| 170 | 712 | - .413 | .053 | - .242 | - .613 | 170 | 762 | - .031 | .136 | .687 | - .320 | 170 | 940 | - .322 | .113 | - .374 | - .668 |
| 170 | 713 | - .428 | .056 | - .276 | - .731 | 170 | 763 | - .041 | .116 | .379 | - .565 | 170 | 941 | - .367 | .049 | - .212 | - .590 |
| 170 | 714 | - .430 | .054 | - .278 | - .671 | 170 | 764 | .030 | .117 | .509 | - .402 | 170 | 942 | - .451 | .096 | - .072 | - .622 |
| 170 | 715 | - .425 | .060 | - .228 | - .743 | 170 | 765 | .031 | .098 | .477 | - .177 | 170 | 943 | - .183 | .144 | - .399 | - .622 |
| 170 | 716 | - .448 | .069 | - .259 | - .889 | 170 | 766 | - .436 | .113 | - .041 | -1 .011 | 170 | 944 | - .462 | .143 | - .069 | -1 .111 |
| 170 | 717 | - .438 | .066 | - .249 | - .750 | 170 | 767 | - .013 | .098 | .619 | - .239 | 170 | 945 | - .244 | .082 | - .104 | - .597 |
| 170 | 718 | - .441 | .069 | - .201 | - .764 | 170 | 801 | - .079 | .042 | .124 | - .244 | 170 | 946 | - .296 | .072 | - .074 | - .690 |
| 170 | 719 | - .475 | .080 | - .262 | -1 .066 | 170 | 802 | - .109 | .042 | .104 | - .239 | 170 | 947 | - .255 | .055 | - .042 | - .490 |
| 170 | 720 | - .465 | .075 | - .257 | - .836 | 170 | 803 | - .220 | .036 | - .089 | - .395 | 170 | 948 | - .297 | .050 | - .119 | - .532 |
| 170 | 721 | - .464 | .075 | - .195 | - .823 | 170 | 804 | - .264 | .039 | - .142 | - .460 | 170 | 949 | - .518 | .134 | - .189 | -1 .406 |
| 170 | 722 | - .572 | .146 | - .205 | -2 .306 | 170 | 805 | - .275 | .044 | - .114 | - .462 | 170 | 950 | - .377 | .148 | - .093 | -1 .191 |
| 170 | 723 | - .531 | .132 | - .209 | -1 .380 | 170 | 901 | -1 .125 | .149 | - .650 | -1 .657 | 170 | 951 | - .194 | .090 | - .139 | - .895 |
| 170 | 724 | - .532 | .119 | - .172 | -1 .445 | 170 | 902 | - .861 | .112 | - .477 | -1 .301 | 170 | 952 | - .254 | .080 | - .012 | - .753 |
| 170 | 725 | - .507 | .155 | - .110 | -1 .330 | 170 | 903 | - .754 | .095 | - .389 | -1 .162 | 170 | 953 | - .389 | .112 | - .007 | -1 .001 |
| 170 | 726 | - .451 | .130 | - .137 | -1 .153 | 170 | 904 | - .619 | .127 | - .197 | -1 .211 | 170 | 954 | - .305 | .071 | - .044 | - .648 |
| 170 | 727 | - .417 | .108 | - .142 | - .967 | 170 | 905 | - .410 | .113 | - .043 | - .953 | 180 | 101 | -1 .447 | .191 | - .875 | -1 .997 |
| 170 | 728 | - .290 | .081 | - .029 | - .654 | 170 | 906 | -1 .057 | .164 | - .263 | -1 .802 | 180 | 102 | - .789 | .120 | - .402 | -1 .499 |
| 170 | 729 | - .308 | .082 | - .085 | - .835 | 170 | 907 | - .983 | .134 | - .320 | -1 .427 | 180 | 103 | - .522 | .096 | - .313 | -1 .218 |
| 170 | 730 | - .307 | .080 | - .036 | - .727 | 170 | 908 | - .549 | .108 | - .050 | - .972 | 180 | 104 | - .376 | .052 | - .239 | - .799 |
| 170 | 731 | - .274 | .081 | - .049 | - .624 | 170 | 909 | - .357 | .077 | - .050 | - .742 | 180 | 105 | - .393 | .055 | - .281 | - .789 |
| 170 | 732 | - .254 | .075 | - .055 | - .614 | 170 | 910 | - .556 | .135 | - .202 | -1 .140 | 180 | 106 | - .426 | .054 | - .279 | - .932 |
| 170 | 733 | - .316 | .101 | - .036 | - .876 | 170 | 911 | - .446 | .071 | - .223 | - .808 | 180 | 107 | - .416 | .056 | - .264 | - .824 |
| 170 | 734 | - .342 | .122 | - .057 | - .899 | 170 | 912 | - .418 | .087 | - .190 | - .846 | 180 | 108 | - .422 | .057 | - .224 | - .705 |
| 170 | 735 | - .284 | .083 | - .077 | - .637 | 170 | 913 | - .171 | .099 | - .201 | - .542 | 180 | 109 | - .440 | .065 | - .232 | -1 .003 |
| 170 | 736 | - .299 | .081 | - .094 | - .659 | 170 | 914 | - .363 | .133 | - .216 | -1 .056 | 180 | 110 | - .453 | .086 | - .178 | - .880 |
| 170 | 737 | - .271 | .072 | - .046 | - .571 | 170 | 915 | - .365 | .039 | - .185 | - .524 | 180 | 111 | - .423 | .088 | - .128 | - .824 |
| 170 | 738 | - .302 | .095 | - .056 | - .758 | 170 | 916 | - .393 | .047 | - .228 | - .609 | 180 | 112 | - .304 | .126 | - .099 | - .858 |
| 170 | 739 | - .335 | .086 | - .090 | - .584 | 170 | 917 | - .444 | .084 | - .087 | - .890 | 180 | 113 | - .286 | .102 | - .076 | - .725 |
| 170 | 740 | - .174 | .068 | .110 | - .338 | 170 | 918 | - .492 | .105 | - .232 | -1 .226 | 180 | 114 | - .424 | .082 | - .192 | - .787 |
| 170 | 741 | - .219 | .076 | - .070 | - .684 | 170 | 919 | - .431 | .050 | - .139 | - .659 | 180 | 115 | - .397 | .064 | - .183 | - .700 |
| 170 | 742 | - .268 | .094 | - .070 | - .659 | 170 | 920 | - .235 | .066 | - .159 | - .497 | 180 | 116 | - .386 | .059 | - .197 | - .779 |
| 170 | 743 | - .383 | .111 | - .036 | - .950 | 170 | 921 | - .454 | .114 | - .145 | - .806 | 180 | 117 | - .399 | .070 | - .143 | - .713 |
| 170 | 744 | - .321 | .122 | - .096 | - .860 | 170 | 922 | - .060 | .141 | - .232 | - .707 | 180 | 118 | - .409 | .070 | - .202 | - .772 |
| 170 | 745 | - .345 | .128 | - .064 | - .990 | 170 | 923 | - .240 | .061 | - .050 | - .576 | 180 | 119 | - .408 | .075 | - .175 | - .826 |
| 170 | 746 | - .366 | .134 | - .086 | - .920 | 170 | 924 | - .103 | .098 | - .289 | - .455 | 180 | 120 | - .409 | .048 | - .249 | - .964 |
| 170 | 747 | - .404 | .132 | - .176 | - .987 | 170 | 925 | - .415 | .077 | - .089 | - .735 | 180 | 121 | - .448 | .054 | - .244 | - .762 |
| 170 | 748 | - .446 | .090 | - .220 | -1 .171 | 170 | 926 | - .273 | .046 | - .102 | - .485 | 180 | 122 | - .455 | .065 | - .289 | - .846 |
| 170 | 749 | - .437 | .091 | - .200 | -1 .990 | 170 | 927 | - .423 | .044 | - .249 | - .581 | 180 | 123 | - .437 | .054 | - .296 | - .796 |
| 170 | 750 | - .416 | .067 | - .213 | - .740 | 170 | 928 | - .438 | .048 | - .206 | - .600 | 180 | 124 | - .447 | .063 | - .269 | - .890 |
| 170 | 751 | - .283 | .051 | - .094 | - .513 | 170 | 929 | - .402 | .074 | - .076 | - .631 | 180 | 125 | - .445 | .077 | - .165 | - .789 |
| 170 | 752 | - .282 | .052 | - .099 | - .546 | 170 | 930 | - .416 | .085 | - .149 | -1 .008 | 180 | 126 | - .364 | .099 | - .037 | - .735 |
| 170 | 753 | - .487 | .109 | - .261 | -1 .270 | 170 | 931 | - .314 | .044 | - .177 | - .552 | 180 | 127 | - .431 | .088 | - .170 | - .897 |
| 170 | 754 | - .461 | .091 | - .246 | -1 .054 | 170 | 932 | - .447 | .090 | - .217 | - .938 | 180 | 128 | - .396 | .068 | - .224 | - .791 |
| 170 | 755 | - .384 | .149 | - .190 | -1 .315 | 170 | 933 | - .351 | .107 | - .001 | - .748 | 180 | 129 | - .390 | .059 | - .200 | - .636 |
| 170 | 756 | - .477 | .099 | - .225 | -1 .990 | 170 | 934 | - .278 | .043 | - .139 | - .497 | 180 | 130 | - .441 | .052 | - .284 | - .779 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 180 | 131 | .467 | .057 | .266 | .804 | 180 | 181 | .915 | .197 | .378 | -.096 | 180 | 231 | .461 | .065 | .303 | -.841 |
| 180 | 132 | .433 | .060 | .222 | .824 | 180 | 182 | .675 | .199 | .189 | -.189 | 180 | 232 | .468 | .071 | .310 | -.908 |
| 180 | 133 | .429 | .058 | .254 | .801 | 180 | 183 | .480 | .138 | .175 | -.1474 | 180 | 233 | .476 | .086 | .310 | -.249 |
| 180 | 134 | .446 | .061 | .150 | .735 | 180 | 184 | .418 | .074 | .110 | -.1073 | 180 | 234 | .461 | .069 | .283 | -.903 |
| 180 | 135 | .452 | .067 | .229 | .900 | 180 | 185 | .419 | .069 | .056 | -.1217 | 180 | 235 | .449 | .066 | .253 | -.822 |
| 180 | 136 | .436 | .073 | .179 | .711 | 180 | 186 | .422 | .071 | .227 | -.979 | 180 | 236 | .434 | .054 | .266 | -.786 |
| 180 | 137 | .426 | .046 | .288 | .622 | 180 | 187 | .419 | .066 | .066 | -.1019 | 180 | 237 | .432 | .052 | .234 | -.687 |
| 180 | 138 | .392 | .058 | .195 | .713 | 180 | 188 | .410 | .053 | .189 | -.816 | 180 | 238 | .426 | .055 | .234 | -.734 |
| 180 | 139 | .387 | .056 | .212 | .688 | 180 | 189 | .401 | .048 | .189 | -.747 | 180 | 239 | .421 | .056 | .202 | -.656 |
| 180 | 140 | -.158 | .219 | .397 | -.935 | 180 | 190 | .411 | .048 | .209 | -.707 | 180 | 240 | .775 | .176 | .364 | -.1641 |
| 180 | 141 | .871 | .185 | .407 | -.029 | 180 | 191 | .411 | .048 | .286 | -.801 | 180 | 241 | .606 | .130 | .290 | -.1190 |
| 180 | 142 | .616 | .162 | .313 | -.497 | 180 | 192 | .418 | .048 | .306 | -.791 | 180 | 242 | .392 | .083 | .136 | -.837 |
| 180 | 143 | .435 | .078 | .237 | -.028 | 180 | 193 | .420 | .051 | .281 | -.594 | 180 | 243 | .366 | .054 | .217 | -.665 |
| 180 | 144 | .439 | .052 | .281 | .806 | 180 | 194 | .416 | .039 | .303 | -.620 | 180 | 244 | .390 | .054 | .241 | -.651 |
| 180 | 145 | .461 | .058 | .254 | .868 | 180 | 195 | .408 | .042 | .281 | -.620 | 180 | 245 | .411 | .060 | .219 | -.656 |
| 180 | 146 | .438 | .063 | .259 | .905 | 180 | 196 | .399 | .040 | .284 | -.566 | 180 | 246 | .435 | .067 | .266 | -.815 |
| 180 | 147 | .433 | .058 | .274 | .833 | 180 | 197 | .395 | .037 | .262 | -.598 | 180 | 247 | .443 | .081 | .224 | -.935 |
| 180 | 148 | .422 | .045 | .274 | .606 | 180 | 198 | .406 | .037 | .274 | -.564 | 180 | 248 | .447 | .088 | .221 | -.1117 |
| 180 | 149 | .435 | .057 | .279 | .749 | 180 | 199 | .404 | .039 | .284 | -.576 | 180 | 249 | .449 | .089 | .239 | -.1050 |
| 180 | 150 | .430 | .062 | .259 | .774 | 180 | 200 | -.096 | .225 | .252 | -.134 | 180 | 250 | .455 | .082 | .246 | -.992 |
| 180 | 151 | .431 | .053 | .280 | .775 | 180 | 201 | .879 | .183 | .352 | -.913 | 180 | 251 | .469 | .102 | .212 | -.1418 |
| 180 | 152 | .421 | .055 | .239 | .744 | 180 | 202 | .518 | .119 | .174 | -.111 | 180 | 252 | .475 | .093 | .202 | -.1126 |
| 180 | 153 | .414 | .055 | .259 | .724 | 180 | 203 | .435 | .160 | .169 | -.111 | 180 | 253 | .489 | .115 | .199 | -.1418 |
| 180 | 154 | .393 | .055 | .209 | .695 | 180 | 204 | .417 | .058 | .220 | -.863 | 180 | 254 | .468 | .092 | .197 | -.960 |
| 180 | 155 | .387 | .050 | .234 | .652 | 180 | 205 | .426 | .053 | .293 | -.907 | 180 | 255 | .456 | .079 | .224 | -.906 |
| 180 | 156 | .381 | .041 | .264 | .531 | 180 | 206 | .428 | .054 | .242 | -.890 | 180 | 256 | .446 | .072 | .231 | -.918 |
| 180 | 157 | .379 | .040 | .244 | .509 | 180 | 207 | .422 | .055 | .235 | -.1073 | 180 | 257 | .460 | .074 | .204 | -.773 |
| 180 | 158 | .387 | .045 | .214 | .613 | 180 | 208 | .422 | .050 | .274 | -.773 | 180 | 258 | .451 | .077 | .180 | -.722 |
| 180 | 159 | .391 | .046 | .204 | .541 | 180 | 209 | .425 | .051 | .279 | -.702 | 180 | 259 | .447 | .075 | .224 | -.827 |
| 180 | 160 | -.115 | .185 | .573 | -.940 | 180 | 210 | .426 | .050 | .296 | -.868 | 180 | 260 | .603 | .131 | .212 | -.1279 |
| 180 | 161 | .906 | .189 | .385 | -.034 | 180 | 211 | .423 | .045 | .301 | -.681 | 180 | 261 | .522 | .111 | .182 | -.1023 |
| 180 | 162 | .676 | .194 | .266 | -.134 | 180 | 212 | .426 | .047 | .306 | -.681 | 180 | 262 | .345 | .066 | .121 | -.611 |
| 180 | 163 | .496 | .126 | .078 | -.138 | 180 | 213 | .431 | .047 | .296 | -.666 | 180 | 263 | .334 | .054 | .185 | -.582 |
| 180 | 164 | .435 | .078 | .128 | .999 | 180 | 214 | .428 | .036 | .337 | -.578 | 180 | 264 | .378 | .072 | .214 | -.705 |
| 180 | 165 | .427 | .071 | .199 | -.029 | 180 | 215 | .437 | .050 | .305 | -.791 | 180 | 265 | .465 | .089 | .194 | -.790 |
| 180 | 166 | .412 | .062 | .224 | .997 | 180 | 216 | .433 | .042 | .276 | -.631 | 180 | 266 | .439 | .128 | .172 | -.1136 |
| 180 | 167 | .412 | .062 | .157 | .987 | 180 | 217 | .421 | .046 | .252 | -.691 | 180 | 267 | .457 | .127 | .172 | -.1328 |
| 180 | 168 | .405 | .060 | .219 | .833 | 180 | 218 | .423 | .046 | .279 | -.633 | 180 | 268 | .442 | .129 | .114 | -.1217 |
| 180 | 169 | .400 | .049 | .140 | .695 | 180 | 219 | .422 | .050 | .264 | -.648 | 180 | 269 | .421 | .095 | .226 | -.969 |
| 180 | 170 | .411 | .047 | .259 | .717 | 180 | 220 | .886 | .191 | .361 | -.716 | 180 | 270 | .433 | .085 | .244 | -.786 |
| 180 | 171 | .412 | .053 | .256 | .937 | 180 | 221 | .645 | .146 | .128 | -.1478 | 180 | 271 | .445 | .094 | .224 | -.1131 |
| 180 | 172 | .416 | .052 | .251 | .786 | 180 | 222 | .456 | .091 | .165 | -.915 | 180 | 272 | .452 | .096 | .055 | -.1134 |
| 180 | 173 | .414 | .052 | .266 | .687 | 180 | 223 | .389 | .052 | .236 | -.656 | 180 | 273 | .461 | .115 | .091 | -.1122 |
| 180 | 174 | .404 | .046 | .289 | .638 | 180 | 224 | .406 | .052 | .225 | -.822 | 180 | 274 | .424 | .096 | .121 | -.810 |
| 180 | 175 | .402 | .040 | .261 | .600 | 180 | 225 | .412 | .056 | .254 | -.756 | 180 | 275 | .406 | .092 | .133 | -.844 |
| 180 | 176 | .393 | .035 | .288 | .521 | 180 | 226 | .440 | .057 | .296 | -.810 | 180 | 276 | .418 | .098 | .099 | -.803 |
| 180 | 177 | .392 | .038 | .274 | .583 | 180 | 227 | .442 | .057 | .262 | -.790 | 180 | 277 | .516 | .111 | .140 | -.898 |
| 180 | 178 | .393 | .038 | .274 | .539 | 180 | 228 | .431 | .052 | .279 | -.788 | 180 | 278 | .511 | .106 | .150 | -.994 |
| 180 | 179 | .395 | .037 | .281 | .524 | 180 | 229 | .441 | .056 | .247 | -.756 | 180 | 279 | .505 | .108 | .135 | -.1152 |
| 180 | 180 | -.165 | .226 | .308 | -.145 | 180 | 230 | .447 | .063 | .301 | -.795 | 180 | 280 | .197 | .080 | .139 | -.714 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 180 | 281 | 193 | 087 | 129 | 619 | 180 | 331 | 198 | 053 | 014 | 489 | 180 | 428 | 175 | 103 | 223 | 644 |
| 180 | 282 | 519 | 126 | 661 | 1111 | 180 | 332 | 330 | 071 | 045 | 606 | 180 | 429 | 125 | 065 | 277 | 491 |
| 180 | 283 | 290 | 055 | 122 | 507 | 180 | 333 | 279 | 079 | 228 | 529 | 180 | 430 | 170 | 085 | 354 | 484 |
| 180 | 284 | 284 | 041 | 143 | 486 | 180 | 334 | 290 | 075 | 032 | 780 | 180 | 431 | 175 | 088 | 161 | 535 |
| 180 | 285 | 389 | 052 | 109 | 476 | 180 | 335 | 281 | 054 | 070 | 476 | 180 | 432 | 180 | 052 | 006 | 424 |
| 180 | 286 | 338 | 084 | 179 | 824 | 180 | 336 | 271 | 079 | 011 | 894 | 180 | 433 | 198 | 064 | 030 | 546 |
| 180 | 287 | 338 | 058 | 181 | 581 | 180 | 337 | 200 | 049 | 034 | 486 | 180 | 434 | 223 | 076 | 102 | 535 |
| 180 | 288 | 346 | 058 | 189 | 607 | 180 | 338 | 200 | 056 | 017 | 499 | 180 | 435 | 320 | 105 | 336 | 641 |
| 180 | 289 | 389 | 069 | 191 | 671 | 180 | 339 | 182 | 046 | 004 | 422 | 180 | 436 | 117 | 084 | 213 | 808 |
| 180 | 290 | 381 | 082 | 173 | 773 | 180 | 340 | 264 | 032 | 071 | 502 | 180 | 437 | 091 | 079 | 238 | 498 |
| 180 | 291 | 362 | 087 | 122 | 865 | 180 | 341 | 253 | 030 | 074 | 463 | 180 | 438 | 054 | 092 | 503 | 483 |
| 180 | 292 | 391 | 086 | 148 | 104 | 180 | 342 | 195 | 032 | 019 | 445 | 180 | 439 | 021 | 096 | 436 | 398 |
| 180 | 293 | 390 | 075 | 179 | 732 | 180 | 343 | 211 | 035 | 015 | 448 | 180 | 440 | 011 | 096 | 413 | 521 |
| 180 | 294 | 369 | 077 | 130 | 806 | 180 | 344 | 304 | 045 | 015 | 478 | 180 | 441 | 219 | 098 | 228 | 530 |
| 180 | 295 | 416 | 130 | 034 | 096 | 180 | 345 | 324 | 053 | 105 | 603 | 180 | 442 | 174 | 079 | 254 | 484 |
| 180 | 296 | 381 | 118 | 011 | 181 | 180 | 346 | 333 | 061 | 105 | 535 | 180 | 443 | 162 | 056 | 115 | 555 |
| 180 | 297 | 449 | 094 | 143 | 824 | 180 | 347 | 288 | 059 | 035 | 494 | 180 | 444 | 173 | 056 | 195 | 453 |
| 180 | 298 | 478 | 094 | 173 | 988 | 180 | 348 | 185 | 062 | 120 | 427 | 180 | 445 | 173 | 043 | 035 | 347 |
| 180 | 299 | 553 | 115 | 273 | 122 | 180 | 349 | 203 | 056 | 066 | 422 | 180 | 446 | 219 | 049 | 066 | 383 |
| 180 | 300 | 413 | 083 | 161 | 878 | 180 | 350 | 135 | 081 | 249 | 509 | 180 | 447 | 325 | 066 | 112 | 623 |
| 180 | 301 | 366 | 079 | 148 | 753 | 180 | 351 | 190 | 061 | 030 | 491 | 180 | 448 | 359 | 066 | 148 | 646 |
| 180 | 302 | 437 | 090 | 212 | 109 | 180 | 352 | 297 | 064 | 076 | 623 | 180 | 449 | 330 | 068 | 146 | 649 |
| 180 | 303 | 487 | 104 | 235 | 055 | 180 | 353 | 288 | 072 | 040 | 625 | 180 | 450 | 406 | 079 | 200 | 839 |
| 180 | 304 | 448 | 102 | 238 | 029 | 180 | 401 | 342 | 370 | 350 | 163 | 180 | 451 | 424 | 100 | 202 | 030 |
| 180 | 305 | 316 | 122 | 233 | 763 | 180 | 402 | 343 | 329 | 136 | 733 | 180 | 452 | 430 | 130 | 073 | 190 |
| 180 | 306 | 191 | 139 | 303 | 868 | 180 | 403 | 018 | 261 | 517 | 386 | 180 | 453 | 398 | 102 | 053 | 888 |
| 180 | 307 | 190 | 078 | 270 | 535 | 180 | 404 | 300 | 329 | 393 | 274 | 180 | 454 | 376 | 133 | 153 | 092 |
| 180 | 308 | 281 | 079 | 050 | 771 | 180 | 405 | 370 | 329 | 427 | 439 | 180 | 455 | 289 | 084 | 002 | 708 |
| 180 | 309 | 202 | 062 | 037 | 613 | 180 | 406 | 967 | 465 | 483 | 444 | 180 | 456 | 180 | 124 | 318 | 825 |
| 180 | 310 | 339 | 077 | 166 | 607 | 180 | 407 | 454 | 381 | 153 | 577 | 180 | 457 | 210 | 090 | 225 | 587 |
| 180 | 311 | 339 | 096 | 337 | 694 | 180 | 408 | 443 | 338 | 386 | 677 | 180 | 458 | 202 | 080 | 106 | 535 |
| 180 | 312 | 376 | 067 | 143 | 694 | 180 | 409 | 129 | 496 | 420 | 599 | 180 | 459 | 447 | 095 | 152 | 109 |
| 180 | 313 | 314 | 055 | 038 | 525 | 180 | 410 | 315 | 403 | 070 | 718 | 180 | 460 | 400 | 077 | 181 | 825 |
| 180 | 314 | 367 | 077 | 111 | 871 | 180 | 411 | 388 | 412 | 104 | 941 | 180 | 461 | 186 | 105 | 326 | 711 |
| 180 | 315 | 448 | 095 | 153 | 370 | 180 | 412 | 124 | 343 | 488 | 788 | 180 | 462 | 518 | 113 | 201 | 094 |
| 180 | 316 | 173 | 134 | 316 | 576 | 180 | 413 | 183 | 420 | 194 | 650 | 180 | 463 | 486 | 092 | 233 | 949 |
| 180 | 317 | 181 | 065 | 085 | 463 | 180 | 414 | 811 | 501 | 532 | 555 | 180 | 464 | 416 | 085 | 067 | 799 |
| 180 | 318 | 281 | 084 | 066 | 863 | 180 | 415 | 212 | 414 | 112 | 529 | 180 | 465 | 375 | 095 | 070 | 881 |
| 180 | 319 | 207 | 055 | 011 | 591 | 180 | 416 | 931 | 358 | 187 | 201 | 180 | 466 | 389 | 095 | 011 | 915 |
| 180 | 320 | 189 | 050 | 048 | 440 | 180 | 417 | 029 | 404 | 308 | 781 | 180 | 467 | 404 | 105 | 070 | 840 |
| 180 | 321 | 193 | 048 | 015 | 478 | 180 | 418 | 563 | 429 | 490 | 278 | 180 | 501 | 431 | 060 | 253 | 720 |
| 180 | 322 | 281 | 077 | 077 | 553 | 180 | 419 | 703 | 277 | 236 | 742 | 180 | 502 | 457 | 055 | 261 | 681 |
| 180 | 323 | 310 | 068 | 047 | 730 | 180 | 420 | 751 | 325 | 513 | 109 | 180 | 503 | 486 | 063 | 275 | 762 |
| 180 | 324 | 290 | 054 | 076 | 499 | 180 | 421 | 348 | 257 | 287 | 424 | 180 | 504 | 470 | 068 | 229 | 723 |
| 180 | 325 | 329 | 074 | 027 | 706 | 180 | 422 | 548 | 211 | 403 | 362 | 180 | 505 | 235 | 075 | 087 | 495 |
| 180 | 326 | 361 | 062 | 159 | 739 | 180 | 423 | 570 | 240 | 184 | 439 | 180 | 506 | 070 | 100 | 397 | 385 |
| 180 | 327 | 048 | 095 | 325 | 366 | 180 | 424 | 293 | 196 | 254 | 114 | 180 | 507 | 256 | 128 | 698 | 248 |
| 180 | 328 | 132 | 065 | 200 | 366 | 180 | 425 | 284 | 125 | 174 | 937 | 180 | 508 | 349 | 153 | 781 | 148 |
| 180 | 329 | 291 | 087 | 037 | 802 | 180 | 426 | 275 | 153 | 310 | 965 | 180 | 509 | 171 | 163 | 708 | 508 |
| 180 | 330 | 220 | 055 | 04 | 642 | 180 | 427 | 189 | 142 | 290 | 760 | 180 | 510 | 403 | 049 | 246 | 703 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 180 | 511 | 430 | 047 | 283 | 630 | 180 | 561 | 268 | 153 | 838 | 335 | 180 | 611 | 155 | 039 | 096 | 279 |
| 180 | 512 | 514 | 059 | 334 | 779 | 180 | 562 | 277 | 171 | 882 | 294 | 180 | 612 | 160 | 048 | 070 | 330 |
| 180 | 513 | 423 | 082 | 121 | 693 | 180 | 563 | 146 | 150 | 688 | 507 | 180 | 613 | 123 | 062 | 098 | 313 |
| 180 | 514 | 075 | 108 | 287 | 547 | 180 | 564 | 502 | 089 | 156 | 863 | 180 | 614 | 013 | 055 | 236 | 157 |
| 180 | 515 | 358 | 131 | 796 | 033 | 180 | 565 | 445 | 075 | 225 | 738 | 180 | 615 | 022 | 060 | 287 | 175 |
| 180 | 516 | 637 | 162 | 111 | 074 | 180 | 566 | 415 | 088 | 129 | 755 | 180 | 616 | 018 | 062 | 297 | 172 |
| 180 | 517 | 514 | 168 | 011 | 004 | 180 | 567 | 344 | 107 | 135 | 969 | 180 | 617 | 047 | 067 | 405 | 213 |
| 180 | 518 | 250 | 167 | 808 | 307 | 180 | 568 | 188 | 096 | 259 | 554 | 180 | 618 | 071 | 098 | 565 | 203 |
| 180 | 519 | 409 | 047 | 280 | 627 | 180 | 569 | 030 | 071 | 327 | 330 | 180 | 619 | 042 | 096 | 581 | 226 |
| 180 | 520 | 436 | 051 | 290 | 674 | 180 | 570 | 133 | 119 | 647 | 622 | 180 | 701 | 407 | 068 | 209 | 799 |
| 180 | 521 | 536 | 061 | 344 | 877 | 180 | 571 | 156 | 149 | 860 | 379 | 180 | 702 | 413 | 067 | 200 | 730 |
| 180 | 522 | 468 | 087 | 190 | 733 | 180 | 572 | 059 | 152 | 620 | 63 | 180 | 703 | 467 | 067 | 203 | 730 |
| 180 | 523 | 094 | 105 | 277 | 412 | 180 | 573 | 275 | 057 | 041 | 495 | 180 | 704 | 398 | 043 | 262 | 763 |
| 180 | 524 | 386 | 138 | 844 | 033 | 180 | 574 | 116 | 049 | 187 | 331 | 180 | 705 | 400 | 045 | 237 | 556 |
| 180 | 525 | 636 | 156 | 091 | 204 | 180 | 575 | 023 | 052 | 287 | 211 | 180 | 706 | 395 | 043 | 247 | 551 |
| 180 | 526 | 505 | 164 | 074 | 001 | 180 | 576 | 478 | 081 | 200 | 834 | 180 | 707 | 405 | 038 | 284 | 561 |
| 180 | 527 | 009 | 218 | 754 | 764 | 180 | 577 | 410 | 064 | 154 | 703 | 180 | 708 | 411 | 039 | 286 | 573 |
| 180 | 528 | 427 | 050 | 266 | 720 | 180 | 578 | 345 | 052 | 144 | 547 | 180 | 709 | 401 | 041 | 240 | 583 |
| 180 | 529 | 463 | 061 | 270 | 745 | 180 | 579 | 235 | 056 | 025 | 447 | 180 | 710 | 401 | 044 | 282 | 566 |
| 180 | 530 | 551 | 069 | 368 | 355 | 180 | 580 | 109 | 047 | 141 | 277 | 180 | 711 | 409 | 043 | 269 | 571 |
| 180 | 531 | 481 | 098 | 138 | 821 | 180 | 581 | 134 | 052 | 077 | 354 | 180 | 712 | 404 | 041 | 247 | 647 |
| 180 | 532 | 127 | 105 | 216 | 483 | 180 | 582 | 072 | 044 | 105 | 218 | 180 | 713 | 423 | 052 | 254 | 676 |
| 180 | 533 | 337 | 141 | 776 | 053 | 180 | 583 | 031 | 047 | 151 | 249 | 180 | 714 | 426 | 049 | 279 | 669 |
| 180 | 534 | 619 | 167 | 209 | 021 | 180 | 584 | 023 | 067 | 351 | 203 | 180 | 715 | 417 | 056 | 240 | 694 |
| 180 | 535 | 440 | 175 | 977 | 146 | 180 | 585 | 098 | 123 | 718 | 249 | 180 | 716 | 432 | 065 | 217 | 838 |
| 180 | 536 | 049 | 227 | 710 | 918 | 180 | 586 | 006 | 112 | 482 | 495 | 180 | 717 | 430 | 066 | 232 | 887 |
| 180 | 537 | 443 | 062 | 278 | 769 | 180 | 587 | 114 | 043 | 066 | 225 | 180 | 718 | 424 | 065 | 168 | 725 |
| 180 | 538 | 473 | 063 | 251 | 871 | 180 | 588 | 127 | 048 | 113 | 239 | 180 | 719 | 481 | 091 | 241 | 022 |
| 180 | 539 | 552 | 077 | 327 | 877 | 180 | 589 | 100 | 055 | 200 | 285 | 180 | 720 | 463 | 090 | 134 | 275 |
| 180 | 540 | 501 | 095 | 212 | 860 | 180 | 590 | 057 | 048 | 166 | 211 | 180 | 721 | 452 | 078 | 098 | 792 |
| 180 | 541 | 162 | 102 | 179 | 493 | 180 | 591 | 060 | 046 | 125 | 216 | 180 | 722 | 514 | 101 | 226 | 073 |
| 180 | 542 | 277 | 130 | 764 | 107 | 180 | 592 | 486 | 074 | 277 | 775 | 180 | 723 | 505 | 100 | 182 | 984 |
| 180 | 543 | 523 | 172 | 094 | 047 | 180 | 593 | 416 | 056 | 272 | 665 | 180 | 724 | 494 | 096 | 167 | 836 |
| 180 | 544 | 367 | 164 | 925 | 102 | 180 | 594 | 371 | 062 | 200 | 690 | 180 | 725 | 591 | 151 | 261 | 397 |
| 180 | 545 | 099 | 192 | 732 | 525 | 180 | 595 | 495 | 107 | 180 | 99 | 180 | 726 | 547 | 114 | 282 | 315 |
| 180 | 546 | 436 | 066 | 226 | 693 | 180 | 596 | 028 | 047 | 154 | 247 | 180 | 727 | 518 | 106 | 172 | 241 |
| 180 | 547 | 466 | 072 | 208 | 816 | 180 | 597 | 007 | 048 | 213 | 164 | 180 | 728 | 198 | 058 | 055 | 476 |
| 180 | 548 | 536 | 082 | 294 | 809 | 180 | 598 | 045 | 114 | 662 | 236 | 180 | 729 | 196 | 062 | 019 | 826 |
| 180 | 549 | 497 | 115 | 105 | 961 | 180 | 599 | 019 | 103 | 637 | 325 | 180 | 730 | 212 | 068 | 036 | 662 |
| 180 | 550 | 221 | 105 | 219 | 590 | 180 | 600 | 129 | 041 | 054 | 222 | 180 | 731 | 221 | 071 | 062 | 644 |
| 180 | 551 | 169 | 119 | 602 | 225 | 180 | 601 | 151 | 039 | 105 | 262 | 180 | 732 | 330 | 093 | 072 | 838 |
| 180 | 552 | 404 | 162 | 919 | 082 | 180 | 602 | 135 | 041 | 040 | 272 | 180 | 733 | 364 | 132 | 026 | 153 |
| 180 | 553 | 374 | 167 | 961 | 141 | 180 | 603 | 118 | 053 | 124 | 354 | 180 | 734 | 395 | 155 | 267 | 995 |
| 180 | 554 | 050 | 183 | 789 | 453 | 180 | 604 | 022 | 043 | 170 | 172 | 180 | 735 | 195 | 055 | 028 | 478 |
| 180 | 555 | 473 | 086 | 173 | 826 | 180 | 605 | 002 | 046 | 203 | 152 | 180 | 736 | 195 | 052 | 031 | 452 |
| 180 | 556 | 484 | 079 | 259 | 795 | 180 | 606 | 004 | 042 | 188 | 157 | 180 | 737 | 191 | 045 | 003 | 372 |
| 180 | 557 | 494 | 095 | 222 | 862 | 180 | 607 | 475 | 073 | 279 | 757 | 180 | 738 | 198 | 052 | 018 | 439 |
| 180 | 558 | 443 | 110 | 085 | 944 | 180 | 608 | 487 | 077 | 264 | 846 | 180 | 739 | 160 | 052 | 065 | 326 |
| 180 | 559 | 238 | 096 | 237 | 649 | 180 | 609 | 586 | 094 | 341 | 928 | 180 | 740 | 194 | 068 | 018 | 667 |
| 180 | 560 | 026 | 082 | 404 | 370 | 180 | 610 | 128 | 044 | 116 | 366 | 180 | 741 | 207 | 088 | 106 | 711 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 180 | 742 | -.219 | .089 | .168 | -.788 | 180 | 920 | -.354 | .080 | -.123 | -.783 | 190 | 116 | -.476 | .112 | -.141 | -.921 |
| 180 | 743 | -.362 | .114 | .009 | -.751 | 180 | 921 | -.352 | .102 | -.102 | -.864 | 190 | 117 | -.472 | .115 | -.074 | -.921 |
| 180 | 744 | -.366 | .123 | -.037 | -.902 | 180 | 922 | -.069 | .108 | -.170 | -.691 | 190 | 118 | -.472 | .104 | -.149 | -.817 |
| 180 | 745 | -.516 | .125 | -.126 | -1.047 | 180 | 923 | -.401 | .117 | -.034 | -.966 | 190 | 119 | -.479 | .108 | -.139 | -1.003 |
| 180 | 746 | -.553 | .124 | -.180 | -1.083 | 180 | 924 | -.325 | .116 | -.129 | -.750 | 190 | 120 | -.607 | .181 | -.062 | -1.373 |
| 180 | 747 | -.553 | .113 | -.245 | -1.156 | 180 | 925 | -.441 | .120 | -.061 | -1.001 | 190 | 121 | -.595 | .172 | -.134 | -1.326 |
| 180 | 748 | -.458 | .114 | -.214 | -1.272 | 180 | 926 | -.296 | .047 | -.154 | -.493 | 190 | 122 | -.603 | .164 | -.176 | -1.669 |
| 180 | 749 | -.461 | .095 | -.178 | -1.096 | 180 | 927 | -.432 | .051 | -.267 | -.677 | 190 | 123 | -.534 | .129 | -.206 | -1.155 |
| 180 | 750 | -.417 | .079 | -.204 | -.825 | 180 | 928 | -.447 | .054 | -.262 | -.670 | 190 | 124 | -.532 | .130 | -.059 | -1.063 |
| 180 | 751 | -.300 | .054 | -.101 | -.530 | 180 | 929 | -.390 | .082 | -.219 | -.672 | 190 | 125 | -.535 | .124 | -.111 | -1.040 |
| 180 | 752 | -.290 | .050 | -.137 | -.499 | 180 | 930 | -.445 | .146 | -.077 | -1.096 | 190 | 126 | -.530 | .164 | -.008 | -1.321 |
| 180 | 753 | -.525 | .152 | -.222 | -1.417 | 180 | 931 | -.333 | .054 | -.190 | -.860 | 190 | 127 | -.546 | .160 | -.131 | -1.271 |
| 180 | 754 | -.478 | .134 | -.204 | -1.270 | 180 | 932 | -.481 | .140 | -.226 | -1.656 | 190 | 128 | -.493 | .121 | -.136 | -.963 |
| 180 | 755 | -.533 | .141 | -.181 | -1.409 | 180 | 933 | -.440 | .108 | -.169 | -1.052 | 190 | 129 | -.481 | .115 | -.173 | -1.098 |
| 180 | 756 | -.486 | .114 | -.191 | -1.202 | 180 | 934 | -.325 | .045 | -.164 | -.505 | 190 | 130 | -.598 | .175 | -.017 | -1.249 |
| 180 | 757 | -.454 | .130 | -.052 | -1.132 | 180 | 935 | -.477 | .142 | -.202 | -1.895 | 190 | 131 | -.610 | .189 | -.017 | -1.440 |
| 180 | 758 | -.406 | .070 | -.196 | -.708 | 180 | 936 | -.567 | .288 | -.057 | -1.933 | 190 | 132 | -.593 | .182 | -.109 | -1.569 |
| 180 | 759 | -.414 | .085 | -.166 | -.937 | 180 | 937 | -.391 | .075 | -.192 | -.844 | 190 | 133 | -.530 | .134 | -.119 | -1.070 |
| 180 | 760 | -.296 | .051 | -.082 | -.477 | 180 | 938 | -.481 | .128 | -.128 | -1.217 | 190 | 134 | -.544 | .137 | -.086 | -1.204 |
| 180 | 761 | -.301 | .048 | -.092 | -.523 | 180 | 939 | -.512 | .145 | -.208 | -1.312 | 190 | 135 | -.538 | .120 | -.171 | -1.001 |
| 180 | 762 | -.017 | .126 | .571 | -.434 | 180 | 940 | -.303 | .131 | -.183 | -.716 | 190 | 136 | -.532 | .146 | -.126 | -1.237 |
| 180 | 763 | -.170 | .103 | .188 | -.624 | 180 | 941 | -.379 | .052 | -.205 | -.659 | 190 | 137 | -.533 | .105 | -.287 | -.939 |
| 180 | 764 | -.036 | .133 | .614 | -.390 | 180 | 942 | -.415 | .099 | -.018 | -.937 | 190 | 138 | -.498 | .121 | -.183 | -1.028 |
| 180 | 765 | -.010 | .103 | .617 | -.295 | 180 | 943 | -.156 | .136 | .345 | -.606 | 190 | 139 | -.494 | .107 | -.181 | -1.008 |
| 180 | 766 | -.424 | .100 | -.023 | -.820 | 180 | 944 | -.457 | .167 | -.080 | -1.491 | 190 | 140 | -.832 | .256 | -.211 | -2.036 |
| 180 | 767 | -.063 | .119 | .532 | -.349 | 180 | 945 | -.336 | .075 | -.046 | -.636 | 190 | 141 | -.838 | .258 | -.201 | -2.250 |
| 180 | 801 | -.013 | .046 | .201 | -.166 | 180 | 946 | -.230 | .073 | -.006 | -.747 | 190 | 142 | -.785 | .240 | -.121 | -1.910 |
| 180 | 802 | -.046 | .041 | .129 | -.197 | 180 | 947 | -.299 | .053 | -.107 | -.595 | 190 | 143 | -.677 | .202 | -.039 | -1.520 |
| 180 | 803 | -.119 | .034 | .000 | -.218 | 180 | 948 | -.311 | .048 | -.146 | -.480 | 190 | 144 | -.604 | .177 | -.012 | -1.242 |
| 180 | 804 | -.215 | .042 | -.000 | -.374 | 180 | 949 | -.422 | .106 | -.159 | -1.009 | 190 | 145 | -.601 | .200 | -.030 | -1.947 |
| 180 | 805 | -.274 | .043 | -.092 | -.436 | 180 | 950 | -.337 | .081 | -.053 | -.968 | 190 | 146 | -.596 | .170 | -.196 | -1.276 |
| 180 | 901 | -1.194 | .185 | .541 | -1.754 | 180 | 951 | -.184 | .072 | -.167 | -.731 | 190 | 147 | -.564 | .165 | -.129 | -1.379 |
| 180 | 902 | -.922 | .112 | -.488 | -1.422 | 180 | 952 | -.240 | .072 | -.093 | -.821 | 190 | 148 | -.525 | .135 | -.160 | -1.212 |
| 180 | 903 | -.831 | .116 | -.432 | -1.252 | 180 | 953 | -.337 | .124 | -.018 | -1.368 | 190 | 149 | -.524 | .128 | -.116 | -1.107 |
| 180 | 904 | -.729 | .152 | -.233 | -1.466 | 180 | 954 | -.247 | .081 | -.044 | -.906 | 190 | 150 | -.542 | .131 | -.141 | -1.095 |
| 180 | 905 | -.595 | .184 | -.048 | -1.759 | 190 | 101 | -.916 | .217 | -.472 | -1.751 | 190 | 151 | -.523 | .127 | -.197 | -1.028 |
| 180 | 906 | -1.100 | .175 | -.451 | -1.730 | 190 | 102 | -.823 | .212 | -.285 | -1.791 | 190 | 152 | -.551 | .142 | -.196 | -1.160 |
| 180 | 907 | -.998 | .134 | -.492 | -1.417 | 190 | 103 | -.777 | .216 | -.146 | -1.773 | 190 | 153 | -.548 | .154 | -.214 | -1.270 |
| 180 | 908 | -.668 | .155 | -.104 | -1.233 | 190 | 104 | -.643 | .191 | -.072 | -1.890 | 190 | 154 | -.497 | .120 | -.179 | -1.177 |
| 180 | 909 | -.460 | .125 | -.031 | -1.007 | 190 | 105 | -.630 | .188 | -.015 | -1.540 | 190 | 155 | -.482 | .107 | -.229 | -1.015 |
| 180 | 910 | -.732 | .162 | -.041 | -1.325 | 190 | 106 | -.638 | .179 | -.176 | -1.587 | 190 | 156 | -.457 | .078 | -.261 | -.800 |
| 180 | 911 | -.709 | .177 | -.262 | -1.381 | 190 | 107 | -.575 | .142 | -.146 | -1.222 | 190 | 157 | -.444 | .076 | -.236 | -.855 |
| 180 | 912 | -.510 | .130 | -.104 | -1.092 | 190 | 108 | -.552 | .128 | -.211 | -1.058 | 190 | 158 | -.456 | .085 | -.209 | -.798 |
| 180 | 913 | -.302 | .091 | -.015 | -.734 | 190 | 109 | -.574 | .137 | -.124 | -1.197 | 190 | 159 | -.439 | .076 | -.204 | -.678 |
| 180 | 914 | -.552 | .135 | .080 | -1.145 | 190 | 110 | -.569 | .132 | -.039 | -1.025 | 190 | 160 | -.791 | .265 | -.199 | -1.969 |
| 180 | 915 | -.465 | .075 | -.262 | -.706 | 190 | 111 | -.559 | .135 | -.094 | -1.132 | 190 | 161 | -.766 | .248 | -.206 | -1.961 |
| 180 | 916 | -.465 | .089 | -.177 | -.966 | 190 | 112 | -.537 | .160 | -.040 | -1.304 | 190 | 162 | -.754 | .254 | -.089 | -1.981 |
| 180 | 917 | -.457 | .088 | -.102 | -.909 | 190 | 113 | -.555 | .181 | -.074 | -1.435 | 190 | 163 | -.700 | .233 | -.046 | -1.656 |
| 180 | 918 | -.542 | .109 | -.290 | -1.093 | 190 | 114 | -.544 | .175 | -.099 | -1.371 | 190 | 164 | -.658 | .218 | -.086 | -1.659 |
| 180 | 919 | -.438 | .064 | -.252 | -.728 | 190 | 115 | -.496 | .120 | -.124 | -1.045 | 190 | 165 | -.687 | .258 | -.116 | -2.086 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 190 | 166 | 623 | 203 | 089 | -1.437 | 190 | 216 | 455 | 077 | 196 | -861 | 190 | 266 | 560 | 193 | 196 | -1.560 |
| 190 | 167 | 595 | 207 | 094 | -1.684 | 190 | 217 | 433 | 056 | 266 | -723 | 190 | 267 | 567 | 202 | 196 | -1.897 |
| 190 | 168 | 532 | 143 | 136 | -1.150 | 190 | 218 | 413 | 055 | 259 | -740 | 190 | 268 | 548 | 185 | 171 | -1.449 |
| 190 | 169 | 502 | 113 | 121 | -1.883 | 190 | 219 | 417 | 060 | 254 | -743 | 190 | 269 | 517 | 137 | 186 | -1.219 |
| 190 | 170 | 507 | 119 | 037 | -1.905 | 190 | 220 | 417 | 060 | 254 | -743 | 190 | 270 | 565 | 116 | 230 | -1.086 |
| 190 | 171 | 546 | 131 | 239 | -1.092 | 190 | 221 | 931 | 291 | 290 | -2.663 | 190 | 271 | 510 | 114 | 166 | -1.039 |
| 190 | 172 | 549 | 140 | 204 | -1.175 | 190 | 222 | 736 | 248 | 295 | -2.617 | 190 | 272 | 519 | 120 | 205 | -1.093 |
| 190 | 173 | 563 | 154 | 241 | -1.210 | 190 | 223 | 581 | 206 | 047 | -1.566 | 190 | 273 | 550 | 152 | 161 | -1.691 |
| 190 | 174 | 510 | 114 | 256 | -1.017 | 190 | 224 | 587 | 186 | 117 | -1.482 | 190 | 274 | 563 | 121 | 141 | -1.123 |
| 190 | 175 | 485 | 093 | 235 | -1.910 | 190 | 225 | 559 | 165 | 208 | -1.403 | 190 | 275 | 477 | 127 | 116 | -1.069 |
| 190 | 176 | 462 | 073 | 211 | -1.703 | 190 | 226 | 588 | 169 | 245 | -1.342 | 190 | 276 | 447 | 109 | 042 | -1.871 |
| 190 | 177 | 448 | 071 | 264 | -1.698 | 190 | 227 | 591 | 164 | 110 | -1.496 | 190 | 277 | 455 | 106 | 102 | -1.202 |
| 190 | 178 | 440 | 065 | 259 | -1.728 | 190 | 228 | 598 | 149 | 227 | -1.357 | 190 | 278 | 450 | 106 | 007 | -1.005 |
| 190 | 179 | 438 | 064 | 244 | -1.678 | 190 | 229 | 548 | 141 | 240 | -1.163 | 190 | 279 | 441 | 098 | 140 | -1.405 |
| 190 | 180 | 864 | 291 | 229 | -2.123 | 190 | 230 | 548 | 134 | 250 | -1.082 | 190 | 280 | 339 | 133 | 004 | -1.005 |
| 190 | 181 | 827 | 278 | 189 | -2.503 | 190 | 231 | 571 | 143 | 301 | -1.443 | 190 | 281 | 321 | 100 | 024 | -1.870 |
| 190 | 182 | 810 | 278 | 144 | -2.266 | 190 | 232 | 553 | 134 | 220 | -1.113 | 190 | 282 | 326 | 119 | 063 | -1.213 |
| 190 | 183 | 727 | 262 | 008 | -1.896 | 190 | 233 | 585 | 147 | 238 | -1.390 | 190 | 283 | 368 | 065 | 173 | -1.816 |
| 190 | 184 | 658 | 247 | 043 | -1.799 | 190 | 234 | 543 | 128 | 272 | -1.150 | 190 | 284 | 335 | 047 | 207 | -1.565 |
| 190 | 185 | 681 | 288 | 066 | -2.365 | 190 | 235 | 537 | 127 | 267 | -1.103 | 190 | 285 | 327 | 055 | 117 | -1.632 |
| 190 | 186 | 609 | 205 | 684 | -1.656 | 190 | 236 | 512 | 105 | 255 | -1.011 | 190 | 286 | 394 | 075 | 181 | -1.816 |
| 190 | 187 | 613 | 227 | 669 | -1.681 | 190 | 237 | 470 | 087 | 277 | -1.011 | 190 | 287 | 372 | 068 | 171 | -1.639 |
| 190 | 188 | 555 | 163 | 146 | -1.557 | 190 | 238 | 444 | 076 | 218 | -1.039 | 190 | 288 | 401 | 068 | 214 | -1.688 |
| 190 | 189 | 525 | 136 | 119 | -1.097 | 190 | 239 | 446 | 083 | 196 | -1.984 | 190 | 289 | 410 | 083 | 222 | -1.790 |
| 190 | 190 | 541 | 131 | 136 | -1.003 | 190 | 240 | 900 | 220 | 344 | -2.710 | 190 | 290 | 403 | 091 | 181 | -1.811 |
| 190 | 191 | 545 | 140 | 209 | -1.172 | 190 | 241 | 772 | 194 | 233 | -1.832 | 190 | 291 | 401 | 095 | 173 | -1.939 |
| 190 | 192 | 567 | 134 | 216 | -1.065 | 190 | 242 | 595 | 170 | 272 | -1.818 | 190 | 292 | 435 | 107 | 021 | -1.880 |
| 190 | 193 | 567 | 164 | 151 | -1.312 | 190 | 243 | 523 | 150 | 114 | -1.254 | 190 | 293 | 422 | 097 | 063 | -1.057 |
| 190 | 194 | 509 | 126 | 210 | -1.062 | 190 | 244 | 498 | 114 | 252 | -1.202 | 190 | 294 | 386 | 086 | 109 | -1.739 |
| 190 | 195 | 489 | 099 | 213 | -1.851 | 190 | 245 | 590 | 127 | 247 | -1.390 | 190 | 295 | 397 | 127 | 001 | -1.926 |
| 190 | 196 | 466 | 082 | 220 | -1.807 | 190 | 246 | 590 | 153 | 250 | -1.410 | 190 | 296 | 364 | 108 | 042 | -1.860 |
| 190 | 197 | 449 | 069 | 230 | -1.716 | 190 | 247 | 555 | 150 | 188 | -1.541 | 190 | 297 | 414 | 092 | 127 | -1.965 |
| 190 | 198 | 445 | 069 | 277 | -1.738 | 190 | 248 | 555 | 138 | 230 | -1.434 | 190 | 298 | 464 | 100 | 199 | -1.936 |
| 190 | 199 | 439 | 066 | 213 | -1.716 | 190 | 249 | 553 | 136 | 280 | -1.318 | 190 | 299 | 516 | 128 | 242 | -1.364 |
| 190 | 200 | 947 | 298 | 257 | -2.459 | 190 | 250 | 553 | 138 | 272 | -1.471 | 190 | 300 | 451 | 090 | 158 | -1.941 |
| 190 | 201 | 922 | 286 | 272 | -2.402 | 190 | 251 | 580 | 151 | 045 | -1.415 | 190 | 301 | 393 | 083 | 166 | -1.826 |
| 190 | 202 | 859 | 302 | 114 | -2.428 | 190 | 252 | 564 | 148 | 233 | -1.479 | 190 | 302 | 458 | 093 | 191 | -1.003 |
| 190 | 203 | 705 | 247 | 601 | -1.875 | 190 | 253 | 570 | 148 | 188 | -1.415 | 190 | 303 | 518 | 121 | 260 | -1.100 |
| 190 | 204 | 672 | 245 | 018 | -2.113 | 190 | 254 | 591 | 140 | 208 | -1.281 | 190 | 304 | 493 | 121 | 214 | -1.108 |
| 190 | 205 | 637 | 231 | 051 | -1.855 | 190 | 255 | 512 | 111 | 213 | -1.972 | 190 | 305 | 334 | 128 | 211 | -1.888 |
| 190 | 206 | 587 | 189 | 191 | -1.506 | 190 | 256 | 512 | 122 | 218 | -1.078 | 190 | 306 | 334 | 111 | 288 | -1.670 |
| 190 | 207 | 619 | 195 | 156 | -1.676 | 190 | 257 | 461 | 090 | 243 | -1.913 | 190 | 307 | 149 | 068 | 152 | -1.424 |
| 190 | 208 | 564 | 157 | 166 | -1.715 | 190 | 258 | 441 | 087 | 196 | -1.930 | 190 | 308 | 208 | 057 | 015 | -1.775 |
| 190 | 209 | 528 | 122 | 137 | -1.057 | 190 | 259 | 434 | 084 | 144 | -1.935 | 190 | 309 | 145 | 054 | 080 | -1.577 |
| 190 | 210 | 541 | 130 | 156 | -1.099 | 190 | 260 | 669 | 148 | 144 | -1.489 | 190 | 310 | 382 | 113 | 334 | -1.785 |
| 190 | 211 | 566 | 136 | 281 | -1.182 | 190 | 261 | 601 | 138 | 265 | -1.486 | 190 | 311 | 375 | 119 | 316 | -1.770 |
| 190 | 212 | 566 | 146 | 250 | -1.253 | 190 | 262 | 484 | 117 | 240 | -1.214 | 190 | 312 | 432 | 083 | 163 | -1.957 |
| 190 | 213 | 565 | 152 | 227 | -1.396 | 190 | 263 | 441 | 094 | 163 | -1.093 | 190 | 313 | 558 | 060 | 158 | -1.616 |
| 190 | 214 | 531 | 083 | 367 | -1.812 | 190 | 264 | 466 | 100 | 139 | -1.979 | 190 | 314 | 492 | 075 | 161 | -1.688 |
| 190 | 215 | 491 | 102 | 181 | -1.057 | 190 | 265 | 503 | 131 | 223 | -1.091 | 190 | 315 | 489 | 106 | 235 | -1.098 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 190 | 3316 | 217 | 127 | 216 | 614 | 190 | 413 | 307 | 413 | 309 | 868 | 190 | 463 | 458 | 105 | 174 | 912 |
| 190 | 3317 | 155 | 061 | 211 | 386 | 190 | 414 | 299 | 434 | 269 | 772 | 190 | 464 | 424 | 078 | 123 | 818 |
| 190 | 3318 | 208 | 056 | 007 | 624 | 190 | 415 | 346 | 426 | 358 | 919 | 190 | 465 | 315 | 097 | 097 | 739 |
| 190 | 3319 | 165 | 040 | 007 | 353 | 190 | 416 | 322 | 356 | 532 | 635 | 190 | 466 | 421 | 098 | 013 | 879 |
| 190 | 3320 | 153 | 042 | 009 | 319 | 190 | 417 | 335 | 369 | 403 | 838 | 190 | 467 | 394 | 098 | 163 | 884 |
| 190 | 3321 | 159 | 044 | 008 | 353 | 190 | 418 | 133 | 449 | 122 | 623 | 190 | 501 | 478 | 089 | 197 | 856 |
| 190 | 3322 | 302 | 106 | 160 | 662 | 190 | 419 | 009 | 271 | 118 | 266 | 190 | 502 | 489 | 075 | 277 | 754 |
| 190 | 3323 | 373 | 090 | 132 | 524 | 190 | 420 | 135 | 323 | 031 | 774 | 190 | 503 | 443 | 079 | 160 | 747 |
| 190 | 3324 | 336 | 053 | 125 | 524 | 190 | 421 | 706 | 183 | 212 | 112 | 190 | 504 | 343 | 081 | 050 | 652 |
| 190 | 3325 | 366 | 075 | 139 | 692 | 190 | 422 | 724 | 183 | 132 | 840 | 190 | 505 | 073 | 092 | 252 | 396 |
| 190 | 3326 | 395 | 072 | 174 | 730 | 190 | 423 | 750 | 232 | 130 | 907 | 190 | 506 | 171 | 121 | 580 | 250 |
| 190 | 3327 | 095 | 106 | 328 | 523 | 190 | 424 | 541 | 261 | 264 | 553 | 190 | 507 | 241 | 137 | 675 | 228 |
| 190 | 3328 | 135 | 064 | 213 | 360 | 190 | 425 | 435 | 158 | 038 | 345 | 190 | 508 | 217 | 154 | 697 | 316 |
| 190 | 3329 | 170 | 067 | 002 | 592 | 190 | 426 | 465 | 180 | 128 | 466 | 190 | 509 | 034 | 153 | 563 | 396 |
| 190 | 3330 | 157 | 043 | 014 | 345 | 190 | 427 | 414 | 249 | 266 | 591 | 190 | 510 | 442 | 073 | 243 | 722 |
| 190 | 3331 | 157 | 041 | 035 | 297 | 190 | 428 | 156 | 091 | 218 | 618 | 190 | 511 | 458 | 069 | 250 | 701 |
| 190 | 3332 | 369 | 099 | 111 | 656 | 190 | 429 | 165 | 066 | 111 | 439 | 190 | 512 | 418 | 075 | 131 | 715 |
| 190 | 3333 | 300 | 109 | 267 | 582 | 190 | 430 | 216 | 085 | 134 | 442 | 190 | 513 | 227 | 090 | 103 | 511 |
| 190 | 3334 | 358 | 093 | 065 | 898 | 190 | 431 | 229 | 084 | 149 | 546 | 190 | 514 | 160 | 111 | 605 | 189 |
| 190 | 3335 | 325 | 058 | 103 | 534 | 190 | 432 | 211 | 059 | 011 | 503 | 190 | 515 | 502 | 146 | 860 | 042 |
| 190 | 3336 | 207 | 058 | 076 | 477 | 190 | 433 | 218 | 078 | 065 | 605 | 190 | 516 | 632 | 171 | 057 | 062 |
| 190 | 3337 | 165 | 042 | 001 | 342 | 190 | 434 | 232 | 085 | 195 | 638 | 190 | 517 | 373 | 163 | 885 | 145 |
| 190 | 3338 | 160 | 039 | 009 | 307 | 190 | 435 | 317 | 159 | 546 | 720 | 190 | 518 | 063 | 163 | 578 | 439 |
| 190 | 3339 | 156 | 044 | 006 | 368 | 190 | 436 | 210 | 118 | 143 | 271 | 190 | 519 | 435 | 064 | 245 | 659 |
| 190 | 3340 | 290 | 053 | 101 | 521 | 190 | 437 | 232 | 138 | 120 | 019 | 190 | 520 | 458 | 064 | 277 | 681 |
| 190 | 3341 | 278 | 057 | 078 | 541 | 190 | 438 | 233 | 151 | 282 | 891 | 190 | 521 | 442 | 078 | 187 | 696 |
| 190 | 3342 | 218 | 056 | 073 | 416 | 190 | 439 | 144 | 118 | 310 | 719 | 190 | 522 | 235 | 089 | 062 | 511 |
| 190 | 3343 | 240 | 056 | 019 | 434 | 190 | 440 | 144 | 119 | 312 | 604 | 190 | 523 | 158 | 111 | 563 | 150 |
| 190 | 3344 | 344 | 049 | 139 | 628 | 190 | 441 | 184 | 106 | 190 | 557 | 190 | 524 | 556 | 146 | 057 | 035 |
| 190 | 3345 | 350 | 053 | 180 | 607 | 190 | 442 | 162 | 087 | 218 | 501 | 190 | 525 | 629 | 158 | 075 | 098 |
| 190 | 3346 | 364 | 063 | 096 | 697 | 190 | 443 | 179 | 062 | 078 | 432 | 190 | 526 | 328 | 170 | 865 | 226 |
| 190 | 3347 | 329 | 059 | 172 | 536 | 190 | 444 | 203 | 070 | 281 | 490 | 190 | 527 | 198 | 192 | 354 | 022 |
| 190 | 3348 | 200 | 063 | 134 | 432 | 190 | 445 | 210 | 054 | 011 | 422 | 190 | 528 | 445 | 064 | 265 | 747 |
| 190 | 3349 | 236 | 057 | 001 | 452 | 190 | 446 | 237 | 067 | 060 | 546 | 190 | 529 | 455 | 061 | 245 | 705 |
| 190 | 3350 | 166 | 088 | 281 | 424 | 190 | 447 | 309 | 126 | 419 | 745 | 190 | 530 | 446 | 082 | 138 | 710 |
| 190 | 3351 | 223 | 066 | 047 | 511 | 190 | 448 | 375 | 075 | 139 | 793 | 190 | 531 | 249 | 097 | 169 | 584 |
| 190 | 3352 | 316 | 063 | 080 | 620 | 190 | 449 | 347 | 072 | 162 | 702 | 190 | 532 | 148 | 113 | 583 | 192 |
| 190 | 3353 | 312 | 073 | 090 | 679 | 190 | 450 | 440 | 096 | 185 | 931 | 190 | 533 | 504 | 142 | 909 | 086 |
| 190 | 401 | 251 | 529 | 373 | 477 | 190 | 451 | 457 | 098 | 136 | 860 | 190 | 534 | 611 | 173 | 252 | 059 |
| 190 | 402 | 219 | 434 | 033 | 991 | 190 | 452 | 483 | 143 | 001 | 232 | 190 | 535 | 272 | 161 | 736 | 386 |
| 190 | 403 | 782 | 364 | 340 | 001 | 190 | 453 | 424 | 109 | 106 | 895 | 190 | 536 | 292 | 202 | 283 | 022 |
| 190 | 404 | 125 | 377 | 295 | 477 | 190 | 454 | 383 | 139 | 088 | 081 | 190 | 537 | 454 | 071 | 267 | 813 |
| 190 | 405 | 175 | 385 | 330 | 448 | 190 | 455 | 325 | 094 | 002 | 769 | 190 | 538 | 430 | 058 | 276 | 657 |
| 190 | 406 | 222 | 384 | 22 | 760 | 190 | 456 | 216 | 122 | 403 | 831 | 190 | 539 | 440 | 081 | 175 | 713 |
| 190 | 407 | 129 | 409 | 394 | 549 | 190 | 457 | 242 | 093 | 288 | 560 | 190 | 540 | 251 | 103 | 137 | 632 |
| 190 | 408 | 162 | 426 | 2 | 672 | 190 | 458 | 218 | 079 | 125 | 585 | 190 | 541 | 111 | 111 | 568 | 248 |
| 190 | 409 | 170 | 434 | 043 | 764 | 190 | 459 | 479 | 109 | 230 | 040 | 190 | 542 | 421 | 136 | 040 | 002 |
| 190 | 410 | 285 | 431 | 401 | 590 | 190 | 460 | 436 | 083 | 179 | 785 | 190 | 543 | 492 | 171 | 087 | 048 |
| 190 | 411 | 278 | 442 | 418 | 702 | 190 | 461 | 218 | 113 | 291 | 785 | 190 | 544 | 224 | 156 | 717 | 287 |
| 190 | 412 | 263 | 464 | 135 | 868 | 190 | 462 | 500 | 118 | 238 | 262 | 190 | 545 | 167 | 176 | 485 | 903 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 190 | 5446 | .420 | .067 | .199 | .783 | 190 | 596 | .002 | .064 | .282 | .324 | 190 | 727 | .449 | .113 | .082 | .931 |
| 190 | 5447 | .431 | .070 | .231 | .783 | 190 | 597 | .007 | .052 | .223 | .147 | 190 | 728 | .149 | .057 | .056 | .450 |
| 190 | 5448 | .406 | .086 | .140 | .693 | 190 | 598 | .077 | .082 | .364 | .465 | 190 | 729 | .151 | .056 | .093 | .423 |
| 190 | 5449 | .236 | .104 | .214 | .627 | 190 | 599 | .124 | .104 | .410 | .466 | 190 | 730 | .168 | .059 | .036 | .422 |
| 190 | 5450 | .044 | .130 | .600 | .343 | 190 | 600 | .046 | .069 | .307 | .255 | 190 | 731 | .253 | .080 | .097 | .575 |
| 190 | 5451 | .309 | .149 | .825 | .126 | 190 | 601 | .047 | .054 | .320 | .196 | 190 | 732 | .389 | .114 | .018 | .986 |
| 190 | 5452 | .396 | .183 | 1.043 | .118 | 190 | 602 | .027 | .061 | .295 | .202 | 190 | 733 | .485 | .146 | .018 | 1.211 |
| 190 | 5453 | .164 | .171 | .732 | .395 | 190 | 603 | .041 | .081 | .434 | .202 | 190 | 734 | .513 | .151 | .161 | 1.416 |
| 190 | 5454 | .233 | .198 | .471 | .081 | 190 | 604 | .057 | .068 | .402 | .128 | 190 | 735 | .150 | .042 | .018 | .317 |
| 190 | 5455 | .423 | .081 | .138 | .837 | 190 | 605 | .066 | .067 | .330 | .095 | 190 | 736 | .151 | .039 | .021 | .312 |
| 190 | 5456 | .400 | .073 | .187 | .717 | 190 | 606 | .075 | .071 | .422 | .110 | 190 | 737 | .155 | .042 | .064 | .363 |
| 190 | 5457 | .349 | .085 | .068 | .717 | 190 | 607 | .408 | .080 | .167 | .763 | 190 | 738 | .157 | .043 | .043 | .386 |
| 190 | 5458 | .205 | .110 | .175 | .561 | 190 | 608 | .388 | .078 | .172 | .750 | 190 | 739 | .169 | .064 | .099 | .465 |
| 190 | 5459 | .006 | .132 | .522 | .365 | 190 | 609 | .475 | .097 | .118 | .946 | 190 | 740 | .227 | .079 | .051 | .647 |
| 190 | 5460 | .117 | .108 | .593 | .172 | 190 | 610 | .028 | .067 | .279 | .212 | 190 | 741 | .237 | .103 | .140 | .808 |
| 190 | 5461 | .163 | .155 | .823 | .253 | 190 | 611 | .048 | .063 | .206 | .205 | 190 | 742 | .232 | .113 | .340 | .751 |
| 190 | 5462 | .056 | .215 | .842 | .595 | 190 | 612 | .007 | .083 | .348 | .218 | 190 | 743 | .409 | .111 | .058 | .829 |
| 190 | 5463 | .121 | .214 | .679 | .769 | 190 | 613 | .025 | .083 | .402 | .192 | 190 | 744 | .409 | .105 | .009 | .901 |
| 190 | 5464 | .425 | .081 | .157 | .830 | 190 | 614 | .102 | .104 | .636 | .100 | 190 | 745 | .474 | .112 | .174 | .972 |
| 190 | 5465 | .358 | .068 | .152 | .607 | 190 | 615 | .075 | .075 | .468 | .080 | 190 | 746 | .490 | .128 | .179 | 1.178 |
| 190 | 5466 | .296 | .075 | .042 | .615 | 190 | 616 | .065 | .071 | .369 | .116 | 190 | 747 | .484 | .131 | .151 | 1.234 |
| 190 | 5467 | .159 | .091 | .230 | .532 | 190 | 617 | .014 | .076 | .353 | .304 | 190 | 748 | .519 | .153 | .207 | 1.653 |
| 190 | 5468 | .006 | .116 | .459 | .463 | 190 | 618 | .028 | .071 | .328 | .253 | 190 | 749 | .492 | .100 | .230 | .984 |
| 190 | 5469 | .036 | .081 | .444 | .262 | 190 | 619 | .071 | .075 | .315 | .335 | 190 | 750 | .462 | .095 | .205 | .938 |
| 190 | 5470 | .038 | .117 | .786 | .421 | 190 | 701 | .450 | .088 | .133 | .756 | 190 | 751 | .335 | .057 | .059 | .544 |
| 190 | 5471 | .051 | .183 | .620 | .654 | 190 | 702 | .464 | .091 | .152 | .849 | 190 | 752 | .339 | .056 | .138 | .588 |
| 190 | 5472 | .187 | .204 | .537 | .813 | 190 | 703 | .446 | .092 | .128 | .847 | 190 | 753 | .585 | .186 | .154 | 1.722 |
| 190 | 5473 | .122 | .061 | .202 | .362 | 190 | 704 | .435 | .074 | .204 | .727 | 190 | 754 | .485 | .124 | .177 | .362 |
| 190 | 5474 | .001 | .067 | .323 | .232 | 190 | 705 | .430 | .073 | .194 | .739 | 190 | 755 | .540 | .133 | .233 | 1.221 |
| 190 | 5475 | .034 | .064 | .474 | .216 | 190 | 706 | .425 | .073 | .209 | .693 | 190 | 756 | .510 | .123 | .194 | 1.270 |
| 190 | 5476 | .427 | .102 | .090 | .917 | 190 | 707 | .426 | .061 | .214 | .673 | 190 | 757 | .448 | .126 | .174 | .094 |
| 190 | 5477 | .326 | .071 | .142 | .647 | 190 | 708 | .425 | .059 | .245 | .661 | 190 | 758 | .412 | .077 | .138 | .792 |
| 190 | 5478 | .242 | .052 | .052 | .465 | 190 | 709 | .411 | .061 | .179 | .734 | 190 | 759 | .446 | .103 | .205 | .894 |
| 190 | 5479 | .110 | .051 | .107 | .350 | 190 | 710 | .417 | .059 | .246 | .662 | 190 | 760 | .327 | .056 | .037 | .527 |
| 190 | 5480 | .062 | .068 | .253 | .373 | 190 | 711 | .414 | .060 | .245 | .676 | 190 | 761 | .334 | .051 | .136 | .575 |
| 190 | 5481 | .037 | .066 | .302 | .314 | 190 | 712 | .410 | .060 | .182 | .707 | 190 | 762 | .117 | .129 | .297 | .631 |
| 190 | 5482 | .015 | .053 | .244 | .260 | 190 | 713 | .424 | .060 | .258 | .717 | 190 | 763 | .300 | .119 | .191 | .811 |
| 190 | 5483 | .021 | .052 | .320 | .129 | 190 | 714 | .416 | .058 | .243 | .698 | 190 | 764 | .098 | .166 | .619 | .826 |
| 190 | 5484 | .018 | .055 | .220 | .260 | 190 | 715 | .421 | .064 | .223 | .734 | 190 | 765 | .105 | .108 | .348 | .524 |
| 190 | 5485 | .075 | .110 | .464 | .444 | 190 | 716 | .430 | .074 | .211 | 1.101 | 190 | 766 | .438 | .099 | .123 | .849 |
| 190 | 5486 | .220 | .163 | .487 | .722 | 190 | 717 | .413 | .070 | .216 | .837 | 190 | 767 | .155 | .117 | .556 | .572 |
| 190 | 5487 | .039 | .060 | .284 | .226 | 190 | 718 | .402 | .064 | .172 | .751 | 190 | 801 | .048 | .060 | .427 | 1.103 |
| 190 | 5488 | .022 | .072 | .341 | .278 | 190 | 719 | .440 | .085 | .223 | .953 | 190 | 802 | .041 | .053 | .277 | .151 |
| 190 | 5489 | .002 | .075 | .351 | .216 | 190 | 720 | .421 | .089 | .133 | .931 | 190 | 803 | .039 | .033 | .097 | .146 |
| 190 | 5490 | .014 | .075 | .453 | .196 | 190 | 721 | .412 | .089 | .141 | .977 | 190 | 804 | .095 | .056 | .150 | .271 |
| 190 | 5491 | .015 | .058 | .266 | .144 | 190 | 722 | .436 | .093 | .197 | .895 | 190 | 805 | .150 | .054 | .082 | .314 |
| 190 | 5492 | .487 | .095 | .244 | .911 | 190 | 723 | .432 | .092 | .133 | .878 | 190 | 901 | .909 | .198 | .348 | 1.654 |
| 190 | 5493 | .332 | .059 | .149 | .583 | 190 | 724 | .423 | .094 | .169 | .771 | 190 | 902 | .817 | .162 | .360 | 1.478 |
| 190 | 5494 | .214 | .057 | .001 | .460 | 190 | 725 | .511 | .132 | .210 | .336 | 190 | 903 | .803 | .175 | .261 | 1.531 |
| 190 | 5495 | .282 | .081 | .029 | .706 | 190 | 726 | .471 | .101 | .141 | .893 | 190 | 904 | .768 | .181 | .249 | 1.504 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 190 | 905 | 790 | 253 | 131 | -2.128 | 200 | 101 | 592 | 074 | 389 | -881 | 200 | 151 | 585 | 107 | 310 | -1.268 |
| 190 | 906 | 953 | 228 | 363 | -1.957 | 200 | 102 | 592 | 113 | 203 | -1.308 | 200 | 152 | 561 | 117 | 187 | -1.043 |
| 190 | 907 | 895 | 184 | 201 | -1.695 | 200 | 103 | 592 | 125 | 247 | -1.293 | 200 | 153 | 573 | 122 | 264 | -1.164 |
| 190 | 908 | 761 | 210 | 094 | -1.528 | 200 | 104 | 594 | 144 | 072 | -1.856 | 200 | 154 | 511 | 096 | 217 | -0.929 |
| 190 | 909 | 609 | 181 | 663 | -1.277 | 200 | 105 | 605 | 148 | 048 | -1.537 | 200 | 155 | 494 | 091 | 175 | -0.929 |
| 190 | 910 | 766 | 189 | 648 | -1.570 | 200 | 106 | 603 | 164 | 195 | -1.532 | 200 | 156 | 468 | 071 | 236 | -0.730 |
| 190 | 911 | 869 | 196 | 314 | -1.785 | 200 | 107 | 527 | 103 | 237 | -1.947 | 200 | 157 | 468 | 068 | 246 | -0.809 |
| 190 | 912 | 648 | 196 | 070 | -1.543 | 200 | 108 | 524 | 102 | 176 | -1.072 | 200 | 158 | 466 | 073 | 227 | -0.720 |
| 190 | 913 | 378 | 098 | 051 | -8.816 | 200 | 109 | 540 | 111 | 121 | -1.021 | 200 | 159 | 462 | 075 | 214 | -0.779 |
| 190 | 914 | 582 | 124 | 184 | -1.094 | 200 | 110 | 543 | 114 | 225 | -1.144 | 200 | 160 | 548 | 091 | 273 | -1.050 |
| 190 | 915 | 648 | 155 | 176 | -1.233 | 200 | 111 | 558 | 113 | 200 | -1.062 | 200 | 161 | 555 | 096 | 232 | -1.452 |
| 190 | 916 | 607 | 162 | 051 | -1.166 | 200 | 112 | 577 | 131 | 158 | -1.384 | 200 | 162 | 554 | 091 | 219 | -1.351 |
| 190 | 917 | 429 | 100 | 139 | -1.907 | 200 | 113 | 591 | 163 | 158 | -1.426 | 200 | 163 | 588 | 106 | 278 | -1.191 |
| 190 | 918 | 483 | 114 | 240 | -1.209 | 200 | 114 | 575 | 164 | 163 | -1.409 | 200 | 164 | 619 | 135 | 269 | -1.317 |
| 190 | 919 | 575 | 134 | 138 | -1.083 | 200 | 115 | 513 | 117 | 179 | -1.146 | 200 | 165 | 616 | 137 | 244 | -1.593 |
| 190 | 920 | 407 | 080 | 197 | -1.996 | 200 | 116 | 497 | 108 | 163 | -1.028 | 200 | 166 | 597 | 130 | 276 | -1.546 |
| 190 | 921 | 695 | 193 | 056 | -1.504 | 200 | 117 | 496 | 109 | 161 | -1.045 | 200 | 167 | 603 | 122 | 281 | -1.319 |
| 190 | 922 | 619 | 198 | 012 | -1.492 | 200 | 118 | 497 | 094 | 193 | -881 | 200 | 168 | 535 | 084 | 266 | -0.944 |
| 190 | 923 | 536 | 166 | 128 | -1.100 | 200 | 119 | 499 | 093 | 193 | -999 | 200 | 169 | 530 | 076 | 227 | -0.789 |
| 190 | 924 | 511 | 179 | 061 | -1.287 | 200 | 120 | 591 | 148 | 227 | -1.406 | 200 | 170 | 535 | 083 | 256 | -0.873 |
| 190 | 925 | 402 | 122 | 070 | -1.097 | 200 | 121 | 605 | 144 | 227 | -1.551 | 200 | 171 | 560 | 085 | 283 | -0.947 |
| 190 | 926 | 345 | 053 | 167 | -1.636 | 200 | 122 | 588 | 142 | 215 | -1.399 | 200 | 172 | 562 | 091 | 286 | -0.900 |
| 190 | 927 | 549 | 137 | 109 | -1.284 | 200 | 123 | 529 | 106 | 217 | -1.261 | 200 | 173 | 561 | 100 | 254 | -0.986 |
| 190 | 928 | 552 | 133 | 077 | -1.171 | 200 | 124 | 529 | 107 | 200 | -1.109 | 200 | 174 | 532 | 083 | 310 | -0.892 |
| 190 | 929 | 525 | 130 | 668 | -1.120 | 200 | 125 | 549 | 105 | 200 | -964 | 200 | 175 | 512 | 080 | 239 | -0.786 |
| 190 | 930 | 421 | 135 | 053 | -1.467 | 200 | 126 | 584 | 146 | 242 | -1.340 | 200 | 176 | 489 | 069 | 227 | -0.749 |
| 190 | 931 | 379 | 076 | 154 | -8.876 | 200 | 127 | 565 | 150 | 188 | -1.362 | 200 | 177 | 483 | 064 | 303 | -0.730 |
| 190 | 932 | 459 | 135 | 225 | -1.495 | 200 | 128 | 518 | 111 | 188 | -1.210 | 200 | 178 | 472 | 069 | 249 | -0.737 |
| 190 | 933 | 370 | 117 | 212 | -1.062 | 200 | 129 | 509 | 111 | 161 | -1.053 | 200 | 179 | 486 | 069 | 254 | -0.742 |
| 190 | 934 | 451 | 098 | 162 | -1.676 | 200 | 130 | 595 | 137 | 082 | -1.296 | 200 | 180 | 580 | 104 | 283 | -1.196 |
| 190 | 935 | 537 | 255 | 063 | -2.154 | 200 | 131 | 517 | 165 | 215 | -1.591 | 200 | 181 | 583 | 096 | 298 | -1.440 |
| 190 | 936 | 425 | 090 | 103 | -1.460 | 200 | 132 | 595 | 158 | 212 | -1.446 | 200 | 182 | 594 | 117 | 207 | -1.388 |
| 190 | 937 | 523 | 153 | 066 | -1.154 | 200 | 133 | 514 | 106 | 131 | -1.085 | 200 | 183 | 608 | 128 | 177 | -1.499 |
| 190 | 938 | 528 | 153 | 096 | -1.462 | 200 | 134 | 531 | 110 | 222 | -1.107 | 200 | 184 | 636 | 147 | 089 | -1.618 |
| 190 | 939 | 317 | 146 | 238 | -1.401 | 200 | 135 | 563 | 106 | 203 | -1.107 | 200 | 185 | 640 | 164 | 204 | -1.869 |
| 190 | 940 | 410 | 063 | 409 | -1.067 | 200 | 136 | 596 | 139 | 215 | -1.378 | 200 | 186 | 620 | 128 | 286 | -1.319 |
| 190 | 941 | 423 | 101 | 235 | -6.879 | 200 | 137 | 582 | 093 | 345 | -1.004 | 200 | 187 | 624 | 136 | 293 | -1.479 |
| 190 | 942 | 397 | 078 | 039 | -8.799 | 200 | 138 | 524 | 106 | 188 | -996 | 200 | 188 | 560 | 100 | 232 | -0.986 |
| 190 | 943 | 424 | 168 | 062 | -1.548 | 200 | 139 | 505 | 095 | 205 | -927 | 200 | 189 | 547 | 086 | 271 | -0.851 |
| 190 | 944 | 334 | 061 | 093 | -7.732 | 200 | 140 | 566 | 102 | 306 | -1.296 | 200 | 190 | 570 | 093 | 239 | -0.979 |
| 190 | 945 | 203 | 103 | 115 | -1.049 | 200 | 141 | 563 | 101 | 313 | -1.212 | 200 | 191 | 581 | 089 | 286 | -1.006 |
| 190 | 946 | 334 | 061 | 093 | -7.724 | 200 | 142 | 562 | 115 | 232 | -1.612 | 200 | 192 | 593 | 099 | 323 | -1.235 |
| 190 | 947 | 419 | 094 | 172 | -1.549 | 200 | 143 | 583 | 121 | 205 | -1.473 | 200 | 193 | 597 | 119 | 268 | -1.102 |
| 190 | 948 | 344 | 054 | 172 | -1.724 | 200 | 144 | 606 | 143 | 185 | -1.441 | 200 | 194 | 574 | 102 | 220 | -0.985 |
| 190 | 949 | 419 | 094 | 187 | -1.300 | 200 | 145 | 607 | 152 | 183 | -1.603 | 200 | 195 | 533 | 081 | 242 | -0.821 |
| 190 | 950 | 362 | 080 | 021 | -7.732 | 200 | 146 | 597 | 139 | 176 | -1.426 | 200 | 196 | 504 | 077 | 251 | -0.821 |
| 190 | 951 | 172 | 061 | 049 | -1.719 | 200 | 147 | 575 | 130 | 128 | -1.307 | 200 | 197 | 499 | 069 | 266 | -0.780 |
| 190 | 952 | 216 | 076 | 031 | -1.198 | 200 | 148 | 540 | 103 | 252 | -1.188 | 200 | 198 | 483 | 068 | 261 | -0.753 |
| 190 | 953 | 277 | 121 | 002 | -1.089 | 200 | 149 | 529 | 093 | 224 | -989 | 200 | 199 | 496 | 069 | 273 | -0.904 |
| 190 | 954 | 204 | 085 | 069 | -6.886 | 200 | 150 | 560 | 110 | 259 | -1.220 | 200 | 200 | 639 | 130 | 208 | -2.526 |

| MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 200 | 201 | .649 | .136 | .295 | -1.587 | 200 | 251 | .645 | .147 | .249 | -1.353 | 200 | 301 | .496 | .124 | .233 | -1.174 |
| 200 | 202 | .688 | .162 | .208 | -1.612 | 200 | 252 | .671 | .136 | .318 | -1.444 | 200 | 302 | .561 | .161 | .246 | -2.002 |
| 200 | 203 | .673 | .163 | .181 | -1.711 | 200 | 253 | .653 | .143 | .249 | -1.366 | 200 | 303 | .594 | .137 | .259 | -1.277 |
| 200 | 204 | .679 | .164 | .132 | -1.740 | 200 | 254 | .643 | .139 | .264 | -1.283 | 200 | 304 | .548 | .126 | .280 | -1.112 |
| 200 | 205 | .688 | .191 | .152 | -1.939 | 200 | 255 | .584 | .115 | .188 | -1.063 | 200 | 305 | .418 | .143 | .295 | -1.989 |
| 200 | 206 | .656 | .152 | .229 | -1.376 | 200 | 256 | .570 | .100 | .223 | -1.053 | 200 | 306 | .418 | .137 | .633 | -1.769 |
| 200 | 207 | .666 | .155 | .154 | -1.789 | 200 | 257 | .503 | .095 | .196 | -1.429 | 200 | 307 | .152 | .082 | .303 | -4.473 |
| 200 | 208 | .606 | .114 | .283 | -1.175 | 200 | 258 | .481 | .092 | .218 | -.892 | 200 | 308 | .213 | .070 | .009 | -.849 |
| 200 | 209 | .587 | .093 | .193 | -.938 | 200 | 259 | .489 | .083 | .191 | -.818 | 200 | 309 | .152 | .072 | .127 | -.552 |
| 200 | 210 | .605 | .108 | .223 | -1.182 | 200 | 260 | .752 | .180 | .269 | -1.793 | 200 | 310 | .463 | .103 | .208 | -.870 |
| 200 | 211 | .620 | .099 | .358 | -1.105 | 200 | 261 | .742 | .185 | .289 | -1.773 | 200 | 311 | .466 | .128 | .463 | -.940 |
| 200 | 212 | .612 | .123 | .336 | -1.803 | 200 | 262 | .701 | .177 | .182 | -1.324 | 200 | 312 | .486 | .095 | .115 | -.973 |
| 200 | 213 | .645 | .116 | .336 | -1.158 | 200 | 263 | .620 | .167 | .181 | -1.326 | 200 | 313 | .396 | .073 | .068 | -.860 |
| 200 | 214 | .587 | .068 | .404 | -.841 | 200 | 264 | .608 | .162 | .137 | -1.202 | 200 | 314 | .478 | .141 | .115 | -1.262 |
| 200 | 215 | .574 | .097 | .282 | -.972 | 200 | 265 | .604 | .156 | .179 | -1.373 | 200 | 315 | .353 | .126 | .259 | -1.086 |
| 200 | 216 | .531 | .083 | .228 | -.965 | 200 | 266 | .661 | .178 | .169 | -1.671 | 200 | 316 | .321 | .149 | .383 | -.865 |
| 200 | 217 | .512 | .074 | .309 | -.796 | 200 | 267 | .643 | .170 | .196 | -1.380 | 200 | 317 | .151 | .074 | .264 | -.383 |
| 200 | 218 | .505 | .070 | .272 | -.806 | 200 | 268 | .619 | .156 | .078 | -1.832 | 200 | 318 | .207 | .064 | .043 | -.599 |
| 200 | 219 | .504 | .074 | .277 | -.857 | 200 | 269 | .604 | .131 | .237 | -1.197 | 200 | 319 | .167 | .051 | .019 | -.385 |
| 200 | 220 | .820 | .212 | .291 | -2.270 | 200 | 270 | .610 | .123 | .279 | -1.368 | 200 | 320 | .147 | .050 | .105 | -.344 |
| 200 | 221 | .796 | .198 | .269 | -2.219 | 200 | 271 | .604 | .125 | .267 | -1.317 | 200 | 321 | .152 | .052 | .092 | -.396 |
| 200 | 222 | .781 | .197 | .260 | -1.822 | 200 | 272 | .600 | .138 | .100 | -1.148 | 200 | 322 | .398 | .111 | .151 | -.829 |
| 200 | 223 | .752 | .200 | .148 | -1.795 | 200 | 273 | .598 | .157 | .030 | -1.663 | 200 | 323 | .387 | .079 | .089 | -.836 |
| 200 | 224 | .735 | .185 | .084 | -1.609 | 200 | 274 | .584 | .132 | .103 | -1.209 | 200 | 324 | .359 | .073 | .058 | -.638 |
| 200 | 225 | .729 | .198 | .217 | -1.723 | 200 | 275 | .538 | .121 | .159 | -1.155 | 200 | 325 | .441 | .126 | .109 | -1.248 |
| 200 | 226 | .712 | .170 | .237 | -1.532 | 200 | 276 | .528 | .121 | .069 | -1.026 | 200 | 326 | .477 | .102 | .160 | -1.002 |
| 200 | 227 | .703 | .178 | .229 | -1.580 | 200 | 277 | .504 | .110 | .183 | -1.353 | 200 | 327 | .154 | .136 | .343 | -1.678 |
| 200 | 228 | .652 | .137 | .237 | -1.272 | 200 | 278 | .480 | .096 | .118 | -.885 | 200 | 328 | .141 | .086 | .474 | -.553 |
| 200 | 229 | .610 | .119 | .212 | -1.578 | 200 | 279 | .500 | .100 | .174 | -1.159 | 200 | 329 | .233 | .086 | .138 | -.658 |
| 200 | 230 | .623 | .112 | .288 | -1.168 | 200 | 280 | .550 | .208 | .014 | -1.424 | 200 | 330 | .170 | .051 | .056 | -.360 |
| 200 | 231 | .651 | .141 | .259 | -1.544 | 200 | 281 | .422 | .144 | .084 | -1.014 | 200 | 331 | .152 | .047 | .038 | -.327 |
| 200 | 232 | .639 | .133 | .274 | -1.375 | 200 | 282 | .681 | .184 | .097 | -1.458 | 200 | 332 | .446 | .094 | .027 | -.897 |
| 200 | 233 | .657 | .138 | .303 | -1.356 | 200 | 283 | .430 | .104 | .066 | -1.053 | 200 | 333 | .392 | .110 | .184 | -.969 |
| 200 | 234 | .630 | .123 | .233 | -1.116 | 200 | 284 | .386 | .065 | .200 | -1.728 | 200 | 334 | .360 | .094 | .007 | -1.069 |
| 200 | 235 | .590 | .115 | .232 | -1.116 | 200 | 285 | .374 | .073 | .148 | -1.710 | 200 | 335 | .334 | .078 | .012 | -1.712 |
| 200 | 236 | .562 | .094 | .233 | -.921 | 200 | 286 | .469 | .106 | .220 | -1.184 | 200 | 336 | .202 | .072 | .151 | -1.745 |
| 200 | 237 | .501 | .083 | .223 | -.804 | 200 | 287 | .444 | .087 | .143 | -.818 | 200 | 337 | .163 | .049 | .027 | -.365 |
| 200 | 238 | .503 | .082 | .240 | -.870 | 200 | 288 | .453 | .090 | .218 | -.860 | 200 | 338 | .151 | .049 | .020 | -.360 |
| 200 | 239 | .494 | .076 | .227 | -.862 | 200 | 289 | .458 | .092 | .200 | -.818 | 200 | 339 | .149 | .054 | .097 | -.488 |
| 200 | 240 | .807 | .193 | .345 | -1.915 | 200 | 290 | .447 | .102 | .192 | -.878 | 200 | 340 | .333 | .072 | .066 | -.619 |
| 200 | 241 | .789 | .186 | .303 | -1.761 | 200 | 291 | .442 | .109 | .109 | -.911 | 200 | 341 | .329 | .083 | .048 | -1.768 |
| 200 | 242 | .773 | .196 | .254 | -1.871 | 200 | 292 | .492 | .118 | .078 | -.960 | 200 | 342 | .271 | .074 | .048 | -.570 |
| 200 | 243 | .724 | .182 | .049 | -1.502 | 200 | 293 | .484 | .104 | .045 | -.875 | 200 | 343 | .291 | .072 | .021 | -.628 |
| 200 | 244 | .699 | .185 | .181 | -1.571 | 200 | 294 | .453 | .101 | .017 | -.847 | 200 | 344 | .395 | .070 | .099 | -1.704 |
| 200 | 245 | .697 | .181 | .225 | -1.395 | 200 | 295 | .501 | .135 | .138 | -1.429 | 200 | 345 | .411 | .073 | .194 | -1.730 |
| 200 | 246 | .730 | .173 | .196 | -1.515 | 200 | 296 | .445 | .130 | .029 | -1.001 | 200 | 346 | .408 | .081 | .099 | -1.755 |
| 200 | 247 | .712 | .176 | .186 | -1.751 | 200 | 297 | .473 | .108 | .156 | -1.177 | 200 | 347 | .370 | .078 | .045 | -.650 |
| 200 | 248 | .691 | .164 | .218 | -1.519 | 200 | 298 | .527 | .112 | .210 | -.960 | 200 | 348 | .263 | .084 | .045 | -.634 |
| 200 | 249 | .655 | .147 | .232 | -1.246 | 200 | 299 | .549 | .114 | .210 | -1.146 | 200 | 349 | .288 | .073 | .027 | -.580 |
| 200 | 250 | .658 | .133 | .242 | -1.317 | 200 | 300 | .549 | .112 | .241 | -1.133 | 200 | 350 | .232 | .105 | .156 | -.642 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 200 | 351 | .286 | .093 | .097 | -.699 | 200 | 448 | -.453 | .100 | -.176 | -.982 | 200 | 531 | -.046 | .105 | .420 | -.326 |
| 200 | 352 | .384 | .086 | -.107 | -.789 | 200 | 449 | -.408 | .087 | -.156 | -.740 | 200 | 532 | .339 | .126 | .741 | -.038 |
| 200 | 353 | .377 | .094 | -.104 | -.843 | 200 | 450 | -.522 | .122 | -.169 | -.026 | 200 | 533 | .593 | .154 | 1.103 | .164 |
| 200 | 401 | .600 | .104 | -.297 | -1.433 | 200 | 451 | -.509 | .122 | -.169 | -1.206 | 200 | 534 | .550 | .169 | 1.096 | .093 |
| 200 | 402 | .616 | .117 | -.334 | -1.715 | 200 | 452 | -.549 | .154 | -.068 | -1.257 | 200 | 535 | .200 | .141 | .642 | -.270 |
| 200 | 403 | .608 | .108 | -.331 | -1.363 | 200 | 453 | -.531 | .136 | -.099 | -1.118 | 200 | 536 | -.208 | .115 | .204 | -.757 |
| 200 | 404 | .575 | .102 | -.360 | -1.386 | 200 | 454 | -.542 | .172 | -.040 | -1.314 | 200 | 537 | -.558 | .095 | -.262 | -.969 |
| 200 | 405 | .584 | .096 | -.350 | -1.391 | 200 | 455 | -.443 | .125 | -.046 | -1.134 | 200 | 538 | -.414 | .068 | -.205 | -.652 |
| 200 | 406 | .595 | .106 | -.291 | -1.176 | 200 | 456 | -.363 | .176 | -.365 | -1.100 | 200 | 539 | -.325 | .082 | -.028 | -.568 |
| 200 | 407 | .582 | .089 | -.336 | -1.176 | 200 | 457 | -.321 | .107 | .120 | -1.002 | 200 | 540 | -.052 | .103 | .334 | .491 |
| 200 | 408 | .584 | .096 | -.338 | -1.477 | 200 | 458 | -.307 | .107 | .189 | -.783 | 200 | 541 | -.310 | .120 | .746 | .055 |
| 200 | 409 | .598 | .118 | -.277 | -1.703 | 200 | 459 | -.339 | .119 | -.242 | -1.075 | 200 | 542 | .541 | .147 | 1.004 | .066 |
| 200 | 410 | .646 | .146 | -.345 | -1.768 | 200 | 460 | -.500 | .193 | -.185 | -.990 | 200 | 543 | .490 | .152 | .972 | .073 |
| 200 | 411 | .646 | .141 | -.321 | -1.827 | 200 | 461 | -.365 | .173 | -.463 | -1.129 | 200 | 544 | .154 | .134 | .640 | -.265 |
| 200 | 412 | .640 | .130 | -.314 | -1.443 | 200 | 462 | -.576 | .136 | -.249 | -1.049 | 200 | 545 | -.141 | .134 | .297 | .748 |
| 200 | 413 | .707 | .179 | -.326 | -2.317 | 200 | 463 | -.520 | .111 | -.231 | -1.045 | 200 | 546 | -.454 | .073 | -.210 | .817 |
| 200 | 414 | .741 | .183 | -.181 | -1.864 | 200 | 464 | -.469 | .089 | -.202 | -.835 | 200 | 547 | -.428 | .074 | -.195 | .688 |
| 200 | 415 | .716 | .172 | -.367 | -1.088 | 200 | 465 | -.305 | .097 | -.065 | -.672 | 200 | 548 | -.306 | .087 | -.009 | .618 |
| 200 | 416 | .830 | .229 | -.327 | -2.241 | 200 | 466 | -.466 | .120 | -.019 | -.956 | 200 | 549 | -.065 | .089 | .290 | .383 |
| 200 | 417 | .857 | .230 | -.383 | -2.452 | 200 | 467 | -.435 | .120 | -.310 | -.928 | 200 | 550 | .281 | .121 | .756 | .126 |
| 200 | 418 | .870 | .227 | -.014 | -2.383 | 200 | 468 | -.498 | .084 | -.193 | -.883 | 200 | 551 | .460 | .153 | .986 | .090 |
| 200 | 419 | .914 | .233 | -.390 | -1.914 | 200 | 502 | -.440 | .069 | -.168 | -.686 | 200 | 552 | .393 | .159 | 1.030 | .061 |
| 200 | 420 | .929 | .239 | -.164 | -2.473 | 200 | 503 | -.321 | .077 | -.053 | -.757 | 200 | 553 | .096 | .144 | .649 | -.324 |
| 200 | 421 | .891 | .239 | -.009 | -2.024 | 200 | 504 | -.184 | .086 | .154 | -.479 | 200 | 554 | -.261 | .143 | .181 | .975 |
| 200 | 422 | .821 | .170 | -.347 | -1.737 | 200 | 505 | -.090 | .114 | .494 | -.265 | 200 | 555 | -.455 | .086 | -.158 | .757 |
| 200 | 423 | .833 | .190 | -.231 | -2.083 | 200 | 506 | -.260 | .131 | .714 | -.168 | 200 | 556 | -.400 | .074 | -.141 | .695 |
| 200 | 424 | .818 | .201 | -.084 | -1.825 | 200 | 507 | -.259 | .143 | .746 | -.230 | 200 | 557 | -.277 | .072 | -.004 | .509 |
| 200 | 425 | .691 | .224 | -.007 | -2.220 | 200 | 508 | -.196 | .136 | .721 | -.252 | 200 | 558 | -.058 | .081 | .290 | .393 |
| 200 | 426 | .777 | .244 | -.120 | -2.099 | 200 | 509 | -.069 | .118 | .329 | -.491 | 200 | 559 | .217 | .118 | .704 | .175 |
| 200 | 427 | .792 | .294 | -.133 | -2.300 | 200 | 510 | -.454 | .067 | -.237 | -.728 | 200 | 560 | .327 | .136 | .793 | .010 |
| 200 | 428 | .078 | .115 | .375 | -.562 | 200 | 511 | -.416 | .065 | -.203 | -.664 | 200 | 561 | .199 | .122 | .721 | .153 |
| 200 | 429 | .135 | .079 | .197 | -.462 | 200 | 512 | -.276 | .082 | -.053 | -.632 | 200 | 562 | -.080 | .130 | .481 | -.527 |
| 200 | 430 | .206 | .068 | .081 | -.501 | 200 | 513 | -.024 | .102 | .359 | -.395 | 200 | 563 | -.272 | .141 | .463 | .764 |
| 200 | 431 | .274 | .076 | .066 | -.609 | 200 | 514 | -.346 | .131 | .901 | -.040 | 200 | 564 | -.468 | .092 | -.138 | .799 |
| 200 | 432 | .279 | .068 | .007 | -.565 | 200 | 515 | -.590 | .151 | 1.167 | .152 | 200 | 565 | -.376 | .070 | -.175 | .675 |
| 200 | 433 | .286 | .084 | .086 | -.686 | 200 | 516 | -.580 | .161 | 1.078 | .016 | 200 | 566 | -.279 | .066 | -.074 | .586 |
| 200 | 434 | .306 | .091 | .076 | -.652 | 200 | 517 | -.286 | .140 | .736 | -.250 | 200 | 567 | -.074 | .071 | .233 | .404 |
| 200 | 435 | .455 | .125 | .305 | -.900 | 200 | 518 | -.051 | .114 | .433 | -.425 | 200 | 568 | .158 | .106 | .614 | .148 |
| 200 | 436 | .277 | .153 | .136 | -1.559 | 200 | 519 | -.486 | .068 | -.297 | -.792 | 200 | 569 | .206 | .111 | .711 | .103 |
| 200 | 437 | .353 | .191 | .123 | -1.553 | 200 | 520 | -.456 | .066 | -.247 | -.743 | 200 | 570 | .040 | .086 | .394 | .329 |
| 200 | 438 | .346 | .162 | .193 | -1.262 | 200 | 521 | -.307 | .081 | -.056 | -.595 | 200 | 571 | -.195 | .099 | .342 | .750 |
| 200 | 439 | .086 | .155 | .526 | -.525 | 200 | 522 | -.020 | .100 | .379 | -.380 | 200 | 572 | -.408 | .125 | .199 | .891 |
| 200 | 440 | .113 | .160 | .492 | -.582 | 200 | 523 | -.370 | .131 | .847 | -.067 | 200 | 573 | -.086 | .046 | .136 | .319 |
| 200 | 441 | .064 | .144 | .369 | -.467 | 200 | 524 | -.629 | .161 | 1.110 | .083 | 200 | 574 | .034 | .057 | .363 | .141 |
| 200 | 442 | .088 | .116 | .287 | -.519 | 200 | 525 | -.584 | .168 | 1.056 | .071 | 200 | 575 | .103 | .072 | .544 | .089 |
| 200 | 443 | .180 | .067 | .207 | -.454 | 200 | 526 | -.272 | .144 | .775 | -.176 | 200 | 576 | -.449 | .096 | -.123 | .879 |
| 200 | 444 | .246 | .063 | .367 | -.477 | 200 | 527 | -.153 | .119 | .354 | -.649 | 200 | 577 | -.330 | .074 | -.112 | .590 |
| 200 | 445 | .263 | .058 | .058 | -.480 | 200 | 528 | -.538 | .077 | -.279 | -1.004 | 200 | 578 | -.226 | .056 | .030 | .469 |
| 200 | 446 | .315 | .063 | .012 | -.529 | 200 | 529 | -.441 | .067 | -.230 | -.644 | 200 | 579 | -.073 | .040 | .154 | .236 |
| 200 | 447 | .427 | .109 | .241 | -.912 | 200 | 530 | -.333 | .085 | -.075 | -.619 | 200 | 580 | -.076 | .069 | .366 | .378 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 200 | 581 | .032 | .063 | .363 | -.252 | 200 | 712 | -.480 | .069 | -.220 | -.740 | 200 | 762 | -.188 | .195 | .516 | -.986 |
| 200 | 582 | .003 | .050 | .262 | -.200 | 200 | 713 | -.501 | .071 | -.289 | -.787 | 200 | 763 | -.420 | .155 | .290 | -1.129 |
| 200 | 583 | .082 | .051 | .363 | -.073 | 200 | 714 | -.489 | .071 | -.267 | -.755 | 200 | 764 | -.166 | .181 | .349 | -.947 |
| 200 | 584 | .007 | .034 | .306 | -.200 | 200 | 715 | -.494 | .077 | -.220 | -.814 | 200 | 765 | -.045 | .140 | .642 | -.543 |
| 200 | 585 | .140 | .070 | .257 | -.523 | 200 | 716 | -.492 | .089 | -.257 | -.871 | 200 | 766 | -.492 | .123 | .062 | -.943 |
| 200 | 586 | .419 | .118 | .146 | -.882 | 200 | 717 | -.491 | .084 | -.259 | -.826 | 200 | 767 | -.061 | .168 | .570 | -.558 |
| 200 | 587 | .001 | .053 | .296 | -.185 | 200 | 718 | -.486 | .083 | -.207 | -.819 | 200 | 801 | -.107 | .057 | .321 | -.048 |
| 200 | 588 | .039 | .087 | .415 | -.234 | 200 | 719 | -.482 | .092 | -.230 | -.821 | 200 | 802 | -.101 | .053 | .319 | -.063 |
| 200 | 589 | .029 | .072 | .332 | -.172 | 200 | 720 | -.474 | .088 | -.165 | -.822 | 200 | 803 | -.020 | .030 | .155 | -.089 |
| 200 | 590 | .037 | .068 | .412 | -.270 | 200 | 721 | -.458 | .086 | -.188 | -.848 | 200 | 804 | -.050 | .045 | .144 | -.268 |
| 200 | 591 | .060 | .056 | .324 | -.130 | 200 | 722 | -.480 | .097 | -.191 | -.825 | 200 | 805 | -.102 | .051 | .098 | -.314 |
| 200 | 592 | .535 | .112 | -.213 | -.024 | 200 | 723 | -.476 | .096 | -.188 | -.945 | 200 | 901 | -.638 | .141 | -.353 | -1.462 |
| 200 | 593 | .338 | .070 | -.120 | -.740 | 200 | 724 | -.462 | .100 | -.147 | -.503 | 200 | 902 | -.626 | .130 | -.323 | -1.379 |
| 200 | 594 | .164 | .053 | .084 | -.365 | 200 | 725 | -.555 | .124 | -.283 | -.526 | 200 | 903 | -.617 | .127 | -.277 | -1.278 |
| 200 | 595 | .239 | .071 | .038 | -.520 | 200 | 726 | -.507 | .104 | -.214 | -.963 | 200 | 904 | -.639 | .145 | -.284 | -1.479 |
| 200 | 596 | .032 | .073 | .298 | -.334 | 200 | 727 | -.493 | .119 | -.111 | -.051 | 200 | 905 | -.701 | .197 | -.140 | -1.678 |
| 200 | 597 | .049 | .052 | .296 | -.104 | 200 | 728 | -.154 | .070 | -.130 | -.469 | 200 | 906 | -.646 | .132 | -.343 | -1.741 |
| 200 | 598 | .099 | .054 | .131 | -.337 | 200 | 729 | -.156 | .067 | -.110 | -.543 | 200 | 907 | -.643 | .133 | -.245 | -1.318 |
| 200 | 599 | .204 | .070 | .146 | -.489 | 200 | 730 | -.187 | .076 | -.132 | -.499 | 200 | 908 | -.670 | .166 | -.140 | -1.604 |
| 200 | 600 | .002 | .074 | .319 | -.352 | 200 | 731 | -.298 | .095 | -.086 | -.639 | 200 | 909 | -.649 | .167 | -.137 | -1.433 |
| 200 | 601 | .009 | .052 | .200 | -.141 | 200 | 732 | -.476 | .144 | -.002 | -.067 | 200 | 910 | -.656 | .159 | -.208 | -1.357 |
| 200 | 602 | .031 | .062 | .318 | -.147 | 200 | 733 | -.565 | .164 | -.100 | -.511 | 200 | 911 | -.669 | .154 | -.194 | -1.418 |
| 200 | 603 | .122 | .071 | .522 | -.053 | 200 | 734 | -.632 | .190 | -.161 | -.689 | 200 | 912 | -.637 | .177 | -.113 | -1.675 |
| 200 | 604 | .099 | .060 | .346 | -.052 | 200 | 735 | -.147 | .054 | -.102 | -.345 | 200 | 913 | -.486 | .157 | -.047 | -1.137 |
| 200 | 605 | .116 | .064 | .369 | -.026 | 200 | 736 | -.153 | .048 | -.047 | -.329 | 200 | 914 | -.745 | .183 | -.181 | -1.693 |
| 200 | 606 | .126 | .063 | .392 | -.029 | 200 | 737 | -.156 | .051 | -.086 | -.370 | 200 | 915 | -.632 | .138 | -.220 | -1.215 |
| 200 | 607 | .407 | .079 | .162 | -.714 | 200 | 738 | -.164 | .051 | -.029 | -.370 | 200 | 916 | -.498 | .146 | -.169 | -1.171 |
| 200 | 608 | .390 | .087 | .137 | -.694 | 200 | 739 | -.210 | .073 | -.153 | -.554 | 200 | 917 | -.478 | .102 | -.191 | -.983 |
| 200 | 609 | .475 | .108 | .091 | -.022 | 200 | 740 | -.249 | .081 | -.099 | -.610 | 200 | 918 | -.552 | .138 | -.266 | -1.424 |
| 200 | 610 | .038 | .064 | .302 | -.175 | 200 | 741 | -.240 | .102 | -.171 | -.765 | 200 | 919 | -.567 | .111 | -.189 | -1.185 |
| 200 | 611 | .025 | .061 | .279 | -.139 | 200 | 742 | -.226 | .129 | -.233 | -.770 | 200 | 920 | -.501 | .132 | -.125 | -1.696 |
| 200 | 612 | .069 | .073 | .443 | -.098 | 200 | 743 | -.463 | .130 | -.048 | -.028 | 200 | 921 | -.631 | .147 | -.025 | -1.425 |
| 200 | 613 | .084 | .066 | .359 | -.116 | 200 | 744 | -.521 | .135 | -.042 | -.135 | 200 | 922 | -.642 | .147 | -.081 | -1.283 |
| 200 | 614 | .200 | .104 | .677 | -.073 | 200 | 745 | -.568 | .139 | -.224 | -.197 | 200 | 923 | -.579 | .149 | -.069 | -1.193 |
| 200 | 615 | .131 | .071 | .474 | -.083 | 200 | 746 | -.555 | .142 | -.191 | -.456 | 200 | 924 | -.602 | .184 | -.152 | -1.474 |
| 200 | 616 | .123 | .066 | .361 | -.042 | 200 | 747 | -.545 | .136 | -.221 | -.309 | 200 | 925 | -.484 | .134 | -.112 | -1.481 |
| 200 | 617 | .045 | .083 | .487 | -.204 | 200 | 748 | -.566 | .140 | -.265 | -.454 | 200 | 926 | -.409 | .089 | -.179 | -1.060 |
| 200 | 618 | .009 | .063 | .289 | -.180 | 200 | 749 | -.556 | .136 | -.216 | -.276 | 200 | 927 | -.556 | .119 | -.081 | -1.073 |
| 200 | 619 | .078 | .064 | .274 | -.317 | 200 | 750 | -.528 | .118 | -.260 | -.013 | 200 | 928 | -.574 | .117 | -.198 | -1.087 |
| 200 | 701 | .483 | .090 | .169 | -.948 | 200 | 751 | -.386 | .074 | -.174 | -.796 | 200 | 929 | -.574 | .126 | -.147 | -1.193 |
| 200 | 702 | .496 | .088 | .217 | -.366 | 200 | 752 | -.385 | .073 | -.113 | -.706 | 200 | 930 | -.513 | .162 | -.102 | -1.447 |
| 200 | 703 | .480 | .089 | .165 | -.787 | 200 | 753 | -.645 | .185 | -.231 | -.666 | 200 | 931 | -.445 | .092 | -.199 | -1.176 |
| 200 | 704 | .478 | .075 | .217 | -.767 | 200 | 754 | -.568 | .147 | -.266 | -.534 | 200 | 932 | -.452 | .136 | -.199 | -1.442 |
| 200 | 705 | .472 | .078 | .217 | -.769 | 200 | 755 | -.668 | .192 | -.218 | -.570 | 200 | 933 | -.633 | .166 | -.184 | -1.268 |
| 200 | 706 | .466 | .077 | .222 | -.834 | 200 | 756 | -.579 | .135 | -.242 | -.361 | 200 | 934 | -.444 | .079 | -.227 | -.789 |
| 200 | 707 | .480 | .066 | .264 | -.707 | 200 | 757 | -.670 | .203 | -.195 | -.645 | 200 | 935 | -.517 | .111 | -.222 | -1.091 |
| 200 | 708 | .486 | .068 | .259 | -.772 | 200 | 758 | -.496 | .098 | -.260 | -.897 | 200 | 936 | -.644 | .314 | -.037 | -2.570 |
| 200 | 709 | .472 | .068 | .198 | -.755 | 200 | 759 | -.516 | .113 | -.214 | -.076 | 200 | 937 | -.518 | .106 | -.125 | -1.622 |
| 200 | 710 | .491 | .067 | .301 | -.819 | 200 | 760 | -.383 | .072 | -.127 | -.709 | 200 | 938 | -.598 | .163 | -.217 | -1.529 |
| 200 | 711 | .486 | .069 | .237 | -.757 | 200 | 761 | -.385 | .069 | -.171 | -.778 | 200 | 939 | -.582 | .145 | -.291 | -1.673 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 200 | 940 | 414 | .162 | .449 | -1.001 | 210 | 136 | .542 | .123 | -.196 | -1.320 | 210 | 186 | -.561 | .087 | -.316 | -1.159 |
| 2000 | 941 | .483 | .096 | -.214 | -.891 | 210 | 137 | -.511 | .070 | -.293 | -.779 | 210 | 187 | -.569 | .083 | -.324 | -.918 |
| 2000 | 942 | .546 | .132 | -.020 | -1.217 | 210 | 138 | -.478 | .082 | -.229 | -.842 | 210 | 188 | -.529 | .072 | -.253 | -.811 |
| 2000 | 943 | .283 | .150 | .411 | -.799 | 210 | 139 | -.468 | .077 | -.204 | -.849 | 210 | 189 | -.515 | .067 | -.214 | -.806 |
| 2000 | 944 | .424 | .169 | .185 | -1.486 | 210 | 140 | -.492 | .076 | -.216 | -1.072 | 210 | 190 | -.524 | .070 | -.277 | -.881 |
| 2000 | 945 | .475 | .098 | .161 | -1.137 | 210 | 141 | -.492 | .066 | -.287 | -.793 | 210 | 191 | -.537 | .074 | -.328 | -1.078 |
| 2000 | 946 | .239 | .163 | .191 | -1.745 | 210 | 142 | -.497 | .072 | -.253 | -.818 | 210 | 192 | -.534 | .070 | -.311 | -.837 |
| 2000 | 947 | .420 | .075 | -.191 | -.799 | 210 | 143 | -.519 | .076 | -.289 | -.983 | 210 | 193 | -.534 | .082 | -.260 | -.916 |
| 2000 | 948 | .438 | .078 | .181 | -1.799 | 210 | 144 | -.537 | .094 | -.277 | -1.072 | 210 | 194 | -.538 | .078 | -.246 | -.907 |
| 2000 | 949 | .583 | .202 | -.207 | -1.716 | 210 | 145 | -.550 | .105 | -.275 | -1.300 | 210 | 195 | -.508 | .070 | -.303 | -.884 |
| 2000 | 950 | .459 | .159 | .002 | -1.450 | 210 | 146 | -.535 | .098 | -.304 | -1.126 | 210 | 196 | -.495 | .061 | -.277 | -.755 |
| 2000 | 951 | .190 | .094 | .098 | -.807 | 210 | 147 | -.517 | .088 | -.197 | -.962 | 210 | 197 | -.490 | .062 | -.317 | -.880 |
| 2000 | 952 | .220 | .096 | .091 | -.981 | 210 | 148 | -.499 | .084 | -.251 | -1.073 | 210 | 198 | -.486 | .066 | -.284 | -.729 |
| 2000 | 953 | .274 | .130 | .083 | -1.053 | 210 | 149 | -.492 | .084 | -.207 | -.942 | 210 | 199 | -.487 | .064 | -.269 | -.749 |
| 2000 | 954 | .209 | .101 | .126 | -.781 | 210 | 150 | -.496 | .080 | -.253 | -.869 | 210 | 200 | -.577 | .080 | -.353 | -.890 |
| 210 | 101 | .503 | .052 | .321 | -.709 | 210 | 151 | -.531 | .089 | -.289 | -1.024 | 210 | 201 | -.562 | .078 | -.322 | -.950 |
| 210 | 102 | .493 | .075 | .267 | -.910 | 210 | 152 | -.503 | .091 | -.277 | -.962 | 210 | 202 | -.593 | .088 | -.332 | -1.112 |
| 210 | 103 | .508 | .088 | .209 | -.922 | 210 | 153 | -.500 | .092 | -.231 | -.981 | 210 | 203 | -.581 | .086 | -.335 | -1.012 |
| 210 | 104 | .516 | .091 | .243 | -1.286 | 210 | 154 | -.475 | .080 | -.192 | -.837 | 210 | 204 | -.599 | .106 | -.358 | -1.189 |
| 210 | 105 | .536 | .111 | .214 | -1.164 | 210 | 155 | -.457 | .075 | -.226 | -.791 | 210 | 205 | -.603 | .112 | -.333 | -1.533 |
| 210 | 106 | .533 | .109 | .236 | -.089 | 210 | 156 | -.453 | .065 | -.241 | -.759 | 210 | 206 | -.592 | .097 | -.335 | -1.283 |
| 210 | 107 | .482 | .088 | .175 | -.954 | 210 | 157 | -.458 | .058 | -.270 | -.742 | 210 | 207 | -.606 | .106 | -.339 | -1.175 |
| 210 | 108 | .484 | .089 | .199 | -.903 | 210 | 158 | -.459 | .065 | -.241 | -.757 | 210 | 208 | -.606 | .084 | -.334 | -.950 |
| 210 | 109 | .488 | .096 | .197 | -1.017 | 210 | 159 | -.460 | .068 | -.258 | -.750 | 210 | 209 | -.539 | .073 | -.341 | -.902 |
| 210 | 110 | .492 | .099 | .105 | -1.017 | 210 | 160 | -.500 | .061 | -.299 | -.825 | 210 | 210 | -.540 | .081 | -.286 | -.854 |
| 210 | 111 | .498 | .091 | .233 | -1.009 | 210 | 161 | -.501 | .065 | -.287 | -.864 | 210 | 211 | -.573 | .079 | -.351 | -.899 |
| 210 | 112 | .517 | .103 | .132 | -1.094 | 210 | 162 | -.504 | .063 | -.268 | -.742 | 210 | 212 | -.570 | .089 | -.351 | -1.000 |
| 210 | 113 | .537 | .133 | .229 | -1.240 | 210 | 163 | -.528 | .071 | -.285 | -.947 | 210 | 213 | -.571 | .094 | -.291 | -1.000 |
| 210 | 114 | .522 | .132 | .146 | -1.322 | 210 | 164 | -.542 | .082 | -.316 | -.984 | 210 | 214 | -.553 | .058 | -.428 | -.733 |
| 210 | 115 | .476 | .097 | .149 | -1.017 | 210 | 165 | -.552 | .081 | -.345 | -.991 | 210 | 215 | -.564 | .078 | -.313 | -.937 |
| 210 | 116 | .473 | .097 | .161 | -1.051 | 210 | 166 | -.539 | .079 | -.304 | -.886 | 210 | 216 | -.537 | .074 | -.300 | -.920 |
| 210 | 117 | .479 | .092 | .153 | -1.046 | 210 | 167 | -.540 | .082 | -.263 | -.945 | 210 | 217 | -.522 | .072 | -.266 | -.900 |
| 210 | 118 | .476 | .079 | .207 | -.874 | 210 | 168 | -.497 | .066 | -.238 | -.745 | 210 | 218 | -.505 | .069 | -.258 | -.722 |
| 210 | 119 | .484 | .077 | .241 | -.985 | 210 | 169 | -.488 | .063 | -.263 | -.708 | 210 | 219 | -.510 | .074 | -.266 | -.822 |
| 210 | 120 | .529 | .100 | .180 | -1.053 | 210 | 170 | -.497 | .063 | -.294 | -.730 | 210 | 220 | -.650 | .115 | -.283 | -1.588 |
| 210 | 121 | .536 | .100 | .236 | -1.225 | 210 | 171 | -.507 | .059 | -.328 | -.777 | 210 | 221 | -.637 | .113 | -.351 | -1.144 |
| 210 | 122 | .523 | .096 | .250 | -1.012 | 210 | 172 | -.514 | .070 | -.294 | -.847 | 210 | 222 | -.638 | .108 | -.285 | -1.339 |
| 210 | 123 | .498 | .090 | .224 | -.983 | 210 | 173 | -.511 | .074 | -.199 | -.910 | 210 | 223 | -.644 | .123 | -.328 | -1.335 |
| 210 | 124 | .491 | .088 | .192 | -1.150 | 210 | 174 | -.487 | .065 | -.204 | -.769 | 210 | 224 | -.645 | .133 | -.349 | -1.649 |
| 210 | 125 | .500 | .086 | .221 | -1.903 | 210 | 175 | -.485 | .064 | -.199 | -.813 | 210 | 225 | -.636 | .136 | -.325 | -1.494 |
| 210 | 126 | .531 | .117 | .199 | -1.305 | 210 | 176 | -.467 | .059 | -.236 | -.696 | 210 | 226 | -.635 | .115 | -.361 | -1.091 |
| 210 | 127 | .505 | .104 | .216 | -1.046 | 210 | 177 | -.476 | .058 | -.197 | -.745 | 210 | 227 | -.651 | .141 | -.327 | -1.448 |
| 210 | 128 | .477 | .092 | .122 | -.946 | 210 | 178 | -.478 | .063 | -.270 | -.723 | 210 | 228 | -.596 | .109 | -.252 | -1.280 |
| 210 | 129 | .473 | .090 | .182 | -1.063 | 210 | 179 | -.477 | .058 | -.260 | -.699 | 210 | 229 | -.572 | .094 | -.229 | -1.046 |
| 210 | 130 | .531 | .092 | .287 | -1.131 | 210 | 180 | -.519 | .069 | -.292 | -.794 | 210 | 230 | -.578 | .099 | -.301 | -1.194 |
| 210 | 131 | .545 | .106 | .287 | -1.218 | 210 | 181 | -.522 | .068 | -.324 | -.984 | 210 | 231 | -.603 | .097 | -.310 | -1.058 |
| 210 | 132 | .541 | .109 | .275 | -1.334 | 210 | 182 | -.536 | .073 | -.287 | -.954 | 210 | 232 | -.600 | .105 | -.227 | -1.060 |
| 210 | 133 | .475 | .080 | .170 | -.878 | 210 | 183 | -.552 | .077 | -.299 | -.969 | 210 | 233 | -.595 | .107 | -.179 | -1.246 |
| 210 | 134 | .499 | .093 | .212 | -1.000 | 210 | 184 | -.562 | .086 | -.326 | -1.035 | 210 | 234 | -.603 | .108 | -.283 | -1.072 |
| 210 | 135 | .507 | .095 | .243 | -1.053 | 210 | 185 | -.571 | .093 | -.314 | -1.441 | 210 | 235 | -.576 | .089 | -.319 | -1.012 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 210 | 236 | -.559 | .086 | -.263 | -.963 | 210 | 286 | -.507 | .110 | -.180 | -.913 | 210 | 336 | -.220 | .088 | .145 | -.764 |
| 210 | 237 | -.536 | .083 | -.208 | -.917 | 210 | 287 | -.488 | .116 | -.029 | -1.064 | 210 | 337 | -.174 | .058 | .017 | -.636 |
| 210 | 238 | -.524 | .080 | -.255 | -.997 | 210 | 288 | -.495 | .105 | -.188 | -.990 | 210 | 338 | -.163 | .056 | .101 | -.444 |
| 210 | 239 | -.528 | .080 | -.289 | -.896 | 210 | 289 | -.494 | .106 | -.116 | -.895 | 210 | 339 | -.160 | .058 | .128 | -.419 |
| 210 | 240 | -.678 | .124 | -.362 | -1.280 | 210 | 290 | -.474 | .118 | -.142 | -1.054 | 210 | 340 | -.366 | .084 | -.022 | -.737 |
| 210 | 241 | -.689 | .140 | -.319 | -1.569 | 210 | 291 | -.476 | .126 | -.016 | -1.041 | 210 | 341 | -.344 | .087 | -.017 | -.639 |
| 210 | 242 | -.700 | .139 | -.304 | -1.340 | 210 | 292 | -.504 | .140 | -.041 | -1.141 | 210 | 342 | -.290 | .083 | .146 | -.600 |
| 210 | 243 | -.700 | .156 | -.249 | -1.714 | 210 | 293 | -.512 | .148 | .113 | -1.049 | 210 | 343 | -.344 | .088 | -.034 | -.709 |
| 210 | 244 | -.711 | .159 | -.249 | -1.408 | 210 | 294 | -.517 | .141 | .005 | -1.046 | 210 | 344 | -.440 | .087 | -.191 | -.830 |
| 210 | 245 | -.714 | .155 | -.217 | -1.625 | 210 | 295 | -.595 | .208 | .298 | -1.555 | 210 | 345 | -.486 | .095 | -.211 | -.872 |
| 210 | 246 | -.709 | .155 | -.255 | -1.545 | 210 | 296 | -.581 | .163 | -.031 | -1.547 | 210 | 346 | -.471 | .103 | -.116 | -.895 |
| 210 | 247 | -.709 | .166 | -.299 | -1.502 | 210 | 297 | -.615 | .163 | -.173 | -1.457 | 210 | 347 | -.475 | .113 | .050 | -.815 |
| 210 | 248 | -.638 | .125 | -.309 | -1.275 | 210 | 298 | -.615 | .136 | -.280 | -1.293 | 210 | 348 | -.281 | .092 | .123 | -.584 |
| 210 | 249 | -.595 | .110 | -.251 | -1.016 | 210 | 299 | -.733 | .176 | -.329 | -1.784 | 210 | 349 | -.311 | .090 | .068 | -.696 |
| 210 | 250 | -.612 | .114 | -.275 | -1.024 | 210 | 300 | -.641 | .152 | -.234 | -1.124 | 210 | 350 | -.223 | .113 | .415 | -.667 |
| 210 | 251 | -.634 | .129 | -.230 | -1.246 | 210 | 301 | -.602 | .194 | -.185 | -1.382 | 210 | 351 | -.333 | .095 | .102 | -.690 |
| 210 | 252 | -.633 | .125 | -.215 | -1.195 | 210 | 302 | -.681 | .270 | -.229 | -2.125 | 210 | 352 | -.428 | .089 | -.139 | -.856 |
| 210 | 253 | -.633 | .126 | -.179 | -1.345 | 210 | 303 | -.674 | .206 | -.244 | -1.601 | 210 | 353 | -.402 | .095 | .072 | -.916 |
| 210 | 254 | -.658 | .143 | -.080 | -1.391 | 210 | 304 | -.635 | .184 | -.180 | -1.696 | 210 | 401 | -.502 | .074 | -.276 | -.796 |
| 210 | 255 | -.634 | .113 | -.246 | -1.202 | 210 | 305 | -.487 | .171 | -.246 | -1.231 | 210 | 402 | -.514 | .074 | -.293 | -.848 |
| 210 | 256 | -.634 | .112 | -.132 | -1.096 | 210 | 306 | -.318 | .201 | -.308 | -1.226 | 210 | 403 | -.514 | .073 | -.279 | -.854 |
| 210 | 257 | -.601 | .119 | -.222 | -1.214 | 210 | 307 | -.158 | .109 | -.465 | -.779 | 210 | 404 | -.485 | .065 | -.276 | -.793 |
| 210 | 258 | -.569 | .108 | -.261 | -1.062 | 210 | 308 | -.231 | .094 | -.136 | -.936 | 210 | 405 | -.492 | .065 | -.312 | -.719 |
| 210 | 259 | -.575 | .115 | -.273 | -1.465 | 210 | 309 | -.159 | .088 | -.206 | -.636 | 210 | 406 | -.503 | .067 | -.312 | -.859 |
| 210 | 260 | -.696 | .163 | -.348 | -1.540 | 210 | 310 | -.518 | .121 | -.159 | -1.146 | 210 | 407 | -.513 | .064 | -.307 | -.861 |
| 210 | 261 | -.685 | .162 | -.336 | -1.803 | 210 | 311 | -.548 | .129 | -.213 | -1.144 | 210 | 408 | -.519 | .064 | -.307 | -.771 |
| 210 | 262 | -.708 | .162 | -.372 | -1.675 | 210 | 312 | -.520 | .112 | -.160 | -.987 | 210 | 409 | -.521 | .064 | -.305 | -.039 |
| 210 | 263 | -.703 | .151 | -.234 | -1.924 | 210 | 313 | -.424 | .101 | -.111 | -1.144 | 210 | 410 | -.547 | .069 | -.354 | -.841 |
| 210 | 264 | -.680 | .135 | -.198 | -1.246 | 210 | 314 | -.328 | .168 | -.167 | -1.380 | 210 | 411 | -.554 | .073 | -.307 | -.871 |
| 210 | 265 | -.662 | .138 | -.178 | -1.352 | 210 | 315 | -.651 | .176 | -.214 | -1.408 | 210 | 412 | -.561 | .072 | -.339 | -.885 |
| 210 | 266 | -.640 | .140 | -.215 | -1.277 | 210 | 316 | -.364 | .179 | -.293 | -.982 | 210 | 413 | -.580 | .077 | -.349 | -.861 |
| 210 | 267 | -.654 | .150 | -.191 | -1.386 | 210 | 317 | -.150 | .098 | -.305 | -.507 | 210 | 414 | -.587 | .092 | -.359 | -.076 |
| 210 | 268 | -.626 | .130 | -.150 | -1.205 | 210 | 318 | -.220 | .080 | -.033 | -.918 | 210 | 415 | -.577 | .085 | -.346 | -.1246 |
| 210 | 269 | -.581 | .124 | -.162 | -1.057 | 210 | 319 | -.169 | .064 | -.043 | -.622 | 210 | 416 | -.636 | .101 | -.348 | -.1112 |
| 210 | 270 | -.591 | .131 | -.104 | -1.214 | 210 | 320 | -.159 | .057 | -.090 | -.424 | 210 | 417 | -.638 | .108 | -.296 | -.1140 |
| 210 | 271 | -.638 | .145 | -.150 | -1.347 | 210 | 321 | -.158 | .062 | -.054 | -.433 | 210 | 418 | -.637 | .112 | -.327 | -.1367 |
| 210 | 272 | -.640 | .144 | -.133 | -1.473 | 210 | 322 | -.473 | .115 | -.074 | -.892 | 210 | 419 | -.727 | .144 | -.367 | -.1439 |
| 210 | 273 | -.612 | .155 | -.055 | -1.516 | 210 | 323 | -.410 | .090 | -.046 | -.956 | 210 | 420 | -.718 | .150 | -.394 | -.1413 |
| 210 | 274 | -.653 | .191 | -.024 | -1.767 | 210 | 324 | -.395 | .097 | -.007 | -.761 | 210 | 421 | -.725 | .145 | -.366 | -.1969 |
| 210 | 275 | -.627 | .166 | -.080 | -1.243 | 210 | 325 | -.484 | .170 | -.096 | -1.593 | 210 | 422 | -.725 | .146 | -.391 | -.1441 |
| 210 | 276 | -.670 | .155 | -.097 | -1.690 | 210 | 326 | -.508 | .134 | -.180 | -1.050 | 210 | 423 | -.745 | .179 | -.373 | -.2010 |
| 210 | 277 | -.664 | .148 | -.283 | -1.511 | 210 | 327 | -.159 | .140 | -.452 | -.730 | 210 | 424 | -.751 | .179 | -.399 | -.1964 |
| 210 | 278 | -.624 | .149 | -.285 | -2.294 | 210 | 328 | -.148 | .098 | -.355 | -.451 | 210 | 425 | -.719 | .197 | -.191 | -.1941 |
| 210 | 279 | -.644 | .162 | -.280 | -2.392 | 210 | 329 | -.255 | .106 | -.137 | -.915 | 210 | 426 | -.804 | .215 | -.301 | -.2430 |
| 210 | 280 | -.535 | .204 | -.038 | -1.383 | 210 | 330 | -.178 | .060 | -.045 | -.408 | 210 | 427 | -.838 | .225 | -.049 | -.2087 |
| 210 | 281 | -.495 | .153 | -.060 | -1.080 | 210 | 331 | -.165 | .055 | -.048 | -.382 | 210 | 428 | -.863 | .104 | .294 | -.478 |
| 210 | 282 | -.776 | .177 | -.060 | -1.480 | 210 | 332 | -.497 | .110 | -.004 | -.920 | 210 | 429 | -.125 | .071 | .216 | -.437 |
| 210 | 283 | -.516 | .113 | -.065 | -1.082 | 210 | 333 | -.460 | .120 | -.165 | -.961 | 210 | 430 | -.207 | .071 | .061 | -.468 |
| 210 | 284 | -.465 | .090 | -.188 | -.830 | 210 | 334 | -.393 | .097 | -.030 | -.830 | 210 | 431 | -.289 | .079 | .133 | -.571 |
| 210 | 285 | -.448 | .100 | -.149 | -.856 | 210 | 335 | -.365 | .099 | -.004 | -.738 | 210 | 432 | -.287 | .068 | -.002 | -.602 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|--------|-------|
| 210 | 433 | .289 | .085 | .055 | .613 | 210 | 516 | .463 | .147 | .903 | .011 | 210 | 566 | .240 | .076 | .015 | .486 |
| 210 | 434 | .341 | .097 | .092 | .740 | 210 | 517 | .152 | .111 | .544 | .190 | 210 | 567 | .014 | .076 | .301 | .249 |
| 210 | 435 | .252 | .130 | .255 | .962 | 210 | 518 | .076 | .091 | .279 | .389 | 210 | 568 | .213 | .103 | .698 | .061 |
| 210 | 436 | .260 | .143 | .077 | .007 | 210 | 519 | .434 | .058 | .242 | .642 | 210 | 569 | .288 | .119 | .713 | .051 |
| 210 | 437 | .343 | .185 | .041 | .460 | 210 | 520 | .340 | .064 | .114 | .588 | 210 | 570 | .136 | .089 | .474 | .113 |
| 210 | 438 | .347 | .172 | .170 | .661 | 210 | 521 | .097 | .090 | .260 | .406 | 210 | 571 | .136 | .077 | .158 | .513 |
| 210 | 439 | .027 | .168 | .527 | .507 | 210 | 522 | .212 | .107 | .552 | .109 | 210 | 572 | .364 | .094 | .039 | .885 |
| 210 | 440 | .089 | .169 | .432 | .600 | 210 | 523 | .557 | .145 | .999 | .051 | 210 | 573 | .058 | .046 | .211 | .250 |
| 210 | 441 | .029 | .143 | .439 | .457 | 210 | 524 | .650 | .161 | 1.176 | .230 | 210 | 574 | .057 | .050 | .365 | .095 |
| 210 | 442 | .051 | .115 | .273 | .548 | 210 | 525 | .450 | .156 | .920 | .020 | 210 | 575 | .143 | .071 | .463 | .018 |
| 210 | 443 | .166 | .067 | .138 | .452 | 210 | 526 | .101 | .106 | .446 | .185 | 210 | 576 | .554 | .113 | -1.014 | |
| 210 | 444 | .237 | .070 | .322 | .600 | 210 | 527 | .272 | .090 | 1.028 | .014 | 210 | 577 | .361 | .078 | .124 | .654 |
| 210 | 445 | .058 | .058 | .094 | .473 | 210 | 528 | .548 | .075 | .315 | .806 | 210 | 578 | .201 | .057 | .005 | .461 |
| 210 | 446 | .333 | .066 | .182 | .376 | 210 | 529 | .346 | .068 | .087 | .558 | 210 | 579 | .046 | .041 | .118 | .216 |
| 210 | 447 | .496 | .115 | .174 | .931 | 210 | 530 | .115 | .099 | .235 | .421 | 210 | 580 | .064 | .057 | .247 | .317 |
| 210 | 448 | .496 | .098 | .188 | .864 | 210 | 531 | .184 | .108 | .569 | .138 | 210 | 581 | .016 | .052 | .435 | .219 |
| 210 | 449 | .447 | .092 | .185 | .986 | 210 | 532 | .502 | .146 | 1.031 | .090 | 210 | 582 | .032 | .045 | .180 | .216 |
| 210 | 450 | .549 | .114 | .266 | .066 | 210 | 533 | .599 | .166 | 1.161 | .134 | 210 | 583 | .033 | .052 | .412 | .049 |
| 210 | 451 | .563 | .127 | .141 | .061 | 210 | 534 | .438 | .155 | 1.028 | .014 | 210 | 584 | .039 | .054 | .314 | .126 |
| 210 | 452 | .635 | .190 | .086 | .757 | 210 | 535 | .050 | .113 | .478 | .350 | 210 | 585 | .110 | .063 | .123 | .389 |
| 210 | 453 | .385 | .154 | .029 | .314 | 210 | 536 | .325 | .091 | .006 | .615 | 210 | 586 | .402 | .102 | .121 | .955 |
| 210 | 454 | .468 | .211 | .099 | .563 | 210 | 537 | .574 | .086 | .340 | .912 | 210 | 587 | .015 | .050 | .231 | .170 |
| 210 | 455 | .468 | .138 | .010 | .032 | 210 | 538 | .346 | .066 | .109 | .580 | 210 | 588 | .054 | .080 | .502 | .180 |
| 210 | 456 | .400 | .172 | .270 | .378 | 210 | 539 | .151 | .088 | .147 | .438 | 210 | 589 | .046 | .063 | .574 | .204 |
| 210 | 457 | .365 | .119 | .355 | .914 | 210 | 540 | .143 | .115 | .618 | .212 | 210 | 590 | .054 | .055 | .355 | .106 |
| 210 | 458 | .314 | .109 | .091 | .692 | 210 | 541 | .441 | .140 | .950 | .070 | 210 | 591 | .074 | .047 | .301 | .090 |
| 210 | 459 | .572 | .138 | .171 | .365 | 210 | 542 | .532 | .160 | 1.104 | .102 | 210 | 592 | .619 | .127 | -1.260 | |
| 210 | 460 | .545 | .104 | .241 | .971 | 210 | 543 | .374 | .154 | .896 | .052 | 210 | 593 | .364 | .074 | .134 | .639 |
| 210 | 461 | .425 | .181 | .332 | .230 | 210 | 544 | .027 | .118 | .554 | .320 | 210 | 594 | .148 | .057 | .072 | .384 |
| 210 | 462 | .628 | .166 | .274 | .342 | 210 | 545 | .252 | .103 | .164 | .617 | 210 | 595 | .216 | .080 | .105 | .584 |
| 210 | 463 | .567 | .166 | .277 | .544 | 210 | 546 | .440 | .077 | .168 | .681 | 210 | 596 | .063 | .065 | .298 | .211 |
| 210 | 464 | .361 | .116 | .179 | .992 | 210 | 547 | .353 | .082 | .092 | .611 | 210 | 597 | .065 | .050 | .285 | .124 |
| 210 | 465 | .256 | .146 | .264 | .645 | 210 | 548 | .167 | .092 | .262 | .459 | 210 | 598 | .072 | .054 | .154 | .299 |
| 210 | 466 | .394 | .185 | .210 | .930 | 210 | 549 | .096 | .103 | .612 | .229 | 210 | 599 | .183 | .065 | .096 | .438 |
| 210 | 467 | .330 | .201 | .757 | .909 | 210 | 550 | .383 | .134 | .879 | .035 | 210 | 600 | .022 | .069 | .280 | .278 |
| 210 | 501 | .445 | .068 | .227 | .730 | 210 | 551 | .490 | .148 | 1.066 | .101 | 210 | 601 | .026 | .050 | .237 | .119 |
| 210 | 502 | .330 | .067 | .109 | .654 | 210 | 552 | .332 | .150 | .802 | .165 | 210 | 602 | .056 | .054 | .291 | .126 |
| 210 | 503 | .163 | .085 | .134 | .445 | 210 | 553 | .001 | .118 | .486 | .360 | 210 | 603 | .143 | .070 | .464 | .026 |
| 210 | 504 | .007 | .101 | .299 | .379 | 210 | 554 | .307 | .101 | .079 | .671 | 210 | 604 | .123 | .055 | .373 | .009 |
| 210 | 505 | .210 | .124 | .645 | .232 | 210 | 555 | .501 | .099 | .167 | .898 | 210 | 605 | .131 | .053 | .349 | .027 |
| 210 | 506 | .300 | .136 | .709 | .143 | 210 | 556 | .404 | .084 | .121 | .661 | 210 | 606 | .139 | .059 | .352 | .004 |
| 210 | 507 | .203 | .128 | .591 | .224 | 210 | 557 | .210 | .078 | .072 | .476 | 210 | 607 | .459 | .092 | .188 | .902 |
| 210 | 508 | .085 | .108 | .513 | .308 | 210 | 558 | .033 | .088 | .435 | .227 | 210 | 608 | .418 | .100 | .073 | .863 |
| 210 | 509 | .182 | .091 | .134 | .517 | 210 | 559 | .273 | .112 | .743 | .042 | 210 | 609 | .499 | .118 | .129 | .994 |
| 210 | 510 | .409 | .061 | .219 | .637 | 210 | 560 | .377 | .135 | .908 | .020 | 210 | 610 | .050 | .057 | .262 | .152 |
| 210 | 511 | .303 | .063 | .065 | .509 | 210 | 561 | .245 | .131 | .787 | .116 | 210 | 611 | .041 | .060 | .293 | .116 |
| 210 | 512 | .080 | .094 | .326 | .436 | 210 | 562 | .092 | .097 | .286 | .402 | 210 | 612 | .100 | .075 | .516 | .091 |
| 210 | 513 | .197 | .127 | .756 | .173 | 210 | 563 | .274 | .096 | .097 | .715 | 210 | 613 | .111 | .064 | .398 | .073 |
| 210 | 514 | .495 | .147 | .957 | .023 | 210 | 564 | .559 | .112 | .281 | .977 | 210 | 614 | .236 | .100 | .621 | .016 |
| 210 | 515 | .621 | .163 | 1.156 | .063 | 210 | 565 | .406 | .088 | .128 | .784 | 210 | 615 | .156 | .070 | .531 | .004 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 210 | 616 | .143 | .061 | .367 | -.029 | 210 | 747 | -.694 | .180 | -.272 | -1.585 | 210 | 925 | -.639 | .164 | -.231 | -1.622 |
| 210 | 617 | .084 | .089 | .488 | -.149 | 210 | 748 | -.656 | .197 | -.202 | -2.707 | 210 | 926 | -.505 | .103 | -.234 | -1.087 |
| 210 | 618 | .007 | .066 | .329 | -.193 | 210 | 749 | -.652 | .173 | -.212 | -1.614 | 210 | 927 | -.506 | .104 | -.212 | -1.168 |
| 210 | 619 | -.059 | .066 | .222 | -.280 | 210 | 750 | -.616 | .150 | -.261 | -1.412 | 210 | 928 | -.522 | .100 | -.244 | -1.041 |
| 210 | 701 | -.484 | .076 | -.217 | -.920 | 210 | 751 | -.446 | .099 | -.114 | -.803 | 210 | 929 | -.528 | .105 | -.207 | -1.122 |
| 210 | 702 | -.478 | .076 | -.234 | -.787 | 210 | 752 | -.474 | .100 | -.155 | -.881 | 210 | 930 | -.667 | .231 | -.051 | -1.883 |
| 210 | 703 | -.467 | .076 | -.212 | -.816 | 210 | 753 | -.727 | .239 | -.256 | -2.049 | 210 | 931 | -.527 | .136 | -.205 | -1.300 |
| 210 | 704 | -.475 | .067 | -.251 | -.735 | 210 | 754 | -.668 | .176 | -.165 | -1.574 | 210 | 932 | -.599 | .137 | -.218 | -1.478 |
| 210 | 705 | -.479 | .063 | -.269 | -.735 | 210 | 755 | -.739 | .252 | -.230 | -2.039 | 210 | 933 | -.780 | .193 | -.154 | -1.653 |
| 210 | 706 | -.459 | .068 | -.227 | -.784 | 210 | 756 | -.677 | .186 | -.228 | -1.575 | 210 | 934 | -.518 | .098 | -.208 | -.911 |
| 210 | 707 | -.493 | .062 | -.281 | -.799 | 210 | 757 | -.731 | .265 | -.163 | -1.995 | 210 | 935 | -.659 | .181 | -.015 | -1.674 |
| 210 | 708 | -.482 | .060 | -.308 | -.762 | 210 | 758 | -.365 | .129 | -.249 | -1.311 | 210 | 936 | -.805 | .316 | -.127 | -2.908 |
| 210 | 709 | -.476 | .064 | -.281 | -.737 | 210 | 759 | -.572 | .142 | -.213 | -1.329 | 210 | 937 | -.590 | .142 | -.239 | -1.499 |
| 210 | 710 | -.501 | .061 | -.303 | -.720 | 210 | 760 | -.451 | .098 | -.150 | -.935 | 210 | 938 | -.662 | .199 | -.097 | -1.545 |
| 210 | 711 | -.497 | .062 | -.264 | -.735 | 210 | 761 | -.453 | .096 | -.185 | -.757 | 210 | 939 | -.699 | .210 | -.172 | -2.040 |
| 210 | 712 | -.491 | .064 | -.296 | -.769 | 210 | 762 | -.179 | .187 | -.421 | -.937 | 210 | 940 | -.509 | .186 | -.274 | -1.213 |
| 210 | 713 | -.514 | .071 | -.232 | -.880 | 210 | 763 | -.483 | .159 | -.158 | -1.081 | 210 | 941 | -.567 | .137 | -.200 | -1.035 |
| 210 | 714 | -.510 | .069 | -.293 | -.862 | 210 | 764 | -.179 | .182 | -.356 | -.860 | 210 | 942 | -.639 | .176 | -.071 | -1.458 |
| 210 | 715 | -.515 | .073 | -.276 | -.859 | 210 | 765 | -.018 | .157 | 1.070 | -.584 | 210 | 943 | -.347 | .188 | -.310 | -.986 |
| 210 | 716 | -.545 | .087 | -.244 | -.900 | 210 | 766 | -.397 | .195 | -.531 | -1.658 | 210 | 944 | -.519 | .248 | -.158 | -2.035 |
| 210 | 717 | -.525 | .083 | -.264 | -.905 | 210 | 767 | -.047 | .175 | -.573 | -.672 | 210 | 945 | -.557 | .124 | -.203 | -1.094 |
| 210 | 718 | -.510 | .089 | -.135 | -.859 | 210 | 801 | -.128 | .055 | -.367 | -.007 | 210 | 946 | -.371 | .265 | -.150 | -1.759 |
| 210 | 719 | -.578 | .116 | -.211 | -.914 | 210 | 802 | -.109 | .050 | -.305 | -.025 | 210 | 947 | -.470 | .092 | -.184 | -.842 |
| 210 | 720 | -.574 | .103 | -.239 | -.930 | 210 | 803 | -.067 | .031 | -.109 | -.118 | 210 | 948 | -.485 | .098 | -.213 | -.999 |
| 210 | 721 | -.566 | .109 | -.211 | -.938 | 210 | 804 | -.027 | .048 | -.212 | -.190 | 210 | 949 | -.657 | .276 | -.195 | -2.524 |
| 210 | 722 | -.634 | .142 | -.293 | -.1.403 | 210 | 805 | -.086 | .054 | -.130 | -.344 | 210 | 950 | -.532 | .220 | -.021 | -1.692 |
| 210 | 723 | -.623 | .139 | -.277 | -.1.360 | 210 | 901 | -.530 | .195 | -.266 | -1.280 | 210 | 951 | -.263 | .176 | -.176 | -1.331 |
| 210 | 724 | -.604 | .140 | -.190 | -.1.426 | 210 | 902 | -.528 | .091 | -.295 | -1.054 | 210 | 952 | -.327 | .190 | -.068 | -1.450 |
| 210 | 725 | -.679 | .161 | -.339 | -.1.644 | 210 | 903 | -.532 | .103 | -.234 | -1.139 | 210 | 953 | -.343 | .204 | -.217 | -1.586 |
| 210 | 726 | -.682 | .167 | -.316 | -.1.772 | 210 | 904 | -.545 | .103 | -.134 | -1.088 | 210 | 954 | -.265 | .157 | -.238 | -1.159 |
| 210 | 727 | -.661 | .127 | -.339 | -.1.066 | 210 | 905 | -.589 | .143 | -.246 | -1.690 | 220 | 101 | -.497 | .045 | -.373 | -.700 |
| 210 | 728 | -.157 | .081 | -.125 | -.445 | 210 | 906 | -.566 | .113 | -.200 | -1.376 | 220 | 102 | -.496 | .064 | -.274 | -.740 |
| 210 | 729 | -.163 | .076 | -.148 | -.500 | 210 | 907 | -.542 | .099 | -.183 | -.983 | 220 | 103 | -.504 | .075 | -.259 | -.826 |
| 210 | 730 | -.221 | .085 | -.093 | -.567 | 210 | 908 | -.573 | .135 | -.229 | -1.493 | 220 | 104 | -.524 | .081 | -.308 | -1.011 |
| 210 | 731 | -.314 | .092 | -.065 | -.852 | 210 | 909 | -.577 | .131 | -.271 | -1.261 | 220 | 105 | -.520 | .094 | -.234 | -1.006 |
| 210 | 732 | -.418 | .187 | -.016 | -.1.404 | 210 | 910 | -.569 | .126 | -.176 | -1.263 | 220 | 106 | -.512 | .091 | -.279 | -1.068 |
| 210 | 733 | -.499 | .231 | -.068 | -.1.399 | 210 | 911 | -.555 | .117 | -.210 | -1.144 | 220 | 107 | -.491 | .079 | -.279 | -1.011 |
| 210 | 734 | -.541 | .229 | -.246 | -.1.894 | 210 | 912 | -.564 | .144 | -.210 | -1.363 | 220 | 108 | -.495 | .083 | -.198 | -.890 |
| 210 | 735 | -.155 | .063 | -.104 | -.471 | 210 | 913 | -.586 | .139 | -.102 | -1.146 | 220 | 109 | -.497 | .077 | -.156 | -.913 |
| 210 | 736 | -.161 | .056 | -.062 | -.422 | 210 | 914 | -.852 | .197 | -.370 | -1.767 | 220 | 110 | -.500 | .087 | -.267 | -.888 |
| 210 | 737 | -.171 | .059 | -.112 | -.422 | 210 | 915 | -.557 | .116 | -.263 | -1.100 | 220 | 111 | -.491 | .079 | -.212 | -1.014 |
| 210 | 738 | -.184 | .053 | -.021 | -.394 | 210 | 916 | -.533 | .121 | -.093 | -1.198 | 220 | 112 | -.503 | .083 | -.232 | -1.070 |
| 210 | 739 | -.224 | .062 | -.068 | -.471 | 210 | 917 | -.644 | .173 | -.226 | -1.777 | 220 | 113 | -.514 | .101 | -.222 | -1.147 |
| 210 | 740 | -.202 | .074 | -.156 | -.541 | 210 | 918 | -.722 | .165 | -.280 | -1.483 | 220 | 114 | -.503 | .093 | -.205 | -.959 |
| 210 | 741 | -.119 | .110 | -.332 | -.572 | 210 | 919 | -.506 | .102 | -.195 | -1.154 | 220 | 115 | -.495 | .090 | -.198 | -.994 |
| 210 | 742 | -.074 | .130 | -.342 | -.479 | 210 | 920 | -.597 | .127 | -.262 | -1.293 | 220 | 116 | -.505 | .084 | -.198 | -.927 |
| 210 | 743 | -.331 | .211 | -.273 | -.1.053 | 210 | 921 | -.549 | .119 | -.219 | -1.339 | 220 | 117 | -.500 | .080 | -.239 | -.893 |
| 210 | 744 | -.492 | .215 | -.163 | -.1.181 | 210 | 922 | -.564 | .131 | -.127 | -1.420 | 220 | 118 | -.500 | .071 | -.257 | -.915 |
| 210 | 745 | -.694 | .166 | -.262 | -.1.345 | 210 | 923 | -.544 | .124 | -.129 | -1.217 | 220 | 119 | -.499 | .074 | -.269 | -.831 |
| 210 | 746 | -.714 | .175 | -.231 | -.1.559 | 210 | 924 | -.562 | .157 | -.117 | -1.290 | 220 | 120 | -.517 | .077 | -.299 | -.858 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 220 | 121 | -.520 | .088 | -.237 | -1.260 | 220 | 171 | -.509 | .061 | -.251 | -.774 | 220 | 221 | -.599 | .095 | -.328 | -1.035 |
| 220 | 122 | -.508 | .076 | -.244 | -.853 | 220 | 172 | -.511 | .066 | -.276 | -.801 | 220 | 222 | -.606 | .096 | -.352 | -1.020 |
| 220 | 123 | -.502 | .076 | -.205 | -.900 | 220 | 173 | -.504 | .067 | -.194 | -.811 | 220 | 223 | -.612 | .098 | -.350 | -1.061 |
| 220 | 124 | -.496 | .088 | -.207 | -1.265 | 220 | 174 | -.511 | .062 | -.254 | -.818 | 220 | 224 | -.636 | .122 | -.364 | -1.396 |
| 220 | 125 | -.500 | .080 | -.247 | -.940 | 220 | 175 | -.494 | .060 | -.249 | -.737 | 220 | 225 | -.613 | .107 | -.342 | -1.303 |
| 220 | 126 | -.515 | .091 | -.254 | -.922 | 220 | 176 | -.497 | .058 | -.326 | -.732 | 220 | 226 | -.633 | .106 | -.332 | -1.230 |
| 220 | 127 | -.495 | .088 | -.195 | -.969 | 220 | 177 | -.493 | .057 | -.311 | -.744 | 220 | 227 | -.639 | .127 | -.274 | -1.422 |
| 220 | 128 | -.494 | .080 | -.163 | -.972 | 220 | 178 | -.494 | .060 | -.323 | -.707 | 220 | 228 | -.605 | .093 | -.269 | -.967 |
| 220 | 129 | -.478 | .083 | -.225 | -.977 | 220 | 179 | -.493 | .059 | -.286 | -.707 | 220 | 229 | -.575 | .089 | -.334 | -.965 |
| 220 | 130 | -.522 | .078 | -.318 | -.954 | 220 | 180 | -.524 | .065 | -.293 | -.838 | 220 | 230 | -.564 | .088 | -.288 | -.936 |
| 220 | 131 | -.527 | .080 | -.299 | -.925 | 220 | 181 | -.531 | .068 | -.274 | -.791 | 220 | 231 | -.602 | .096 | -.227 | -1.052 |
| 220 | 132 | -.518 | .086 | -.244 | -.927 | 220 | 182 | -.547 | .062 | -.355 | -.789 | 220 | 232 | -.601 | .113 | -.074 | -1.526 |
| 220 | 133 | -.486 | .073 | -.163 | -.804 | 220 | 183 | -.553 | .073 | -.316 | -.789 | 220 | 233 | -.622 | .103 | -.287 | -1.053 |
| 220 | 134 | -.502 | .085 | -.242 | -.925 | 220 | 184 | -.567 | .077 | -.340 | -.883 | 220 | 234 | -.632 | .117 | -.219 | -1.423 |
| 220 | 135 | -.508 | .083 | -.269 | -1.063 | 220 | 185 | -.574 | .086 | -.333 | -.959 | 220 | 235 | -.613 | .099 | -.339 | -1.151 |
| 220 | 136 | -.510 | .091 | -.246 | -1.142 | 220 | 186 | -.553 | .073 | -.333 | -1.140 | 220 | 236 | -.571 | .087 | -.339 | -1.013 |
| 220 | 137 | -.514 | .057 | -.355 | -.724 | 220 | 187 | -.572 | .084 | -.229 | -1.056 | 220 | 237 | -.536 | .080 | -.339 | -.994 |
| 220 | 138 | -.498 | .073 | -.254 | -.831 | 220 | 188 | -.531 | .073 | -.254 | -.794 | 220 | 238 | -.538 | .076 | -.287 | -.952 |
| 220 | 139 | -.488 | .073 | -.234 | -.873 | 220 | 189 | -.520 | .061 | -.286 | -.796 | 220 | 239 | -.536 | .084 | -.248 | -.932 |
| 220 | 140 | -.495 | .065 | -.271 | -.863 | 220 | 190 | -.525 | .070 | -.209 | -.833 | 220 | 240 | -.660 | .118 | -.368 | -1.283 |
| 220 | 141 | -.491 | .060 | -.296 | -.750 | 220 | 191 | -.530 | .069 | -.241 | -.930 | 220 | 241 | -.647 | .107 | -.390 | -1.281 |
| 220 | 142 | -.489 | .060 | -.296 | -.688 | 220 | 192 | -.535 | .067 | -.269 | -.836 | 220 | 242 | -.664 | .141 | -.324 | -1.803 |
| 220 | 143 | -.513 | .064 | -.326 | -.851 | 220 | 193 | -.537 | .072 | -.259 | -.919 | 220 | 243 | -.683 | .132 | -.376 | -1.553 |
| 220 | 144 | -.534 | .089 | -.225 | -1.287 | 220 | 194 | -.538 | .073 | -.274 | -.913 | 220 | 244 | -.688 | .133 | -.243 | -1.541 |
| 220 | 145 | -.526 | .090 | -.279 | -1.243 | 220 | 195 | -.526 | .069 | -.317 | -.824 | 220 | 245 | -.699 | .148 | -.344 | -1.580 |
| 220 | 146 | -.519 | .078 | -.269 | -.895 | 220 | 196 | -.524 | .063 | -.317 | -.780 | 220 | 246 | -.687 | .129 | -.317 | -1.325 |
| 220 | 147 | -.507 | .072 | -.303 | -.841 | 220 | 197 | -.499 | .064 | -.232 | -.721 | 220 | 247 | -.707 | .158 | -.238 | -1.727 |
| 220 | 148 | -.503 | .075 | -.291 | -.864 | 220 | 198 | -.502 | .061 | -.295 | -.707 | 220 | 248 | -.645 | .129 | -.236 | -1.278 |
| 220 | 149 | -.496 | .077 | -.244 | -.972 | 220 | 199 | -.503 | .060 | -.283 | -.765 | 220 | 249 | -.645 | .099 | -.221 | -1.318 |
| 220 | 150 | -.507 | .074 | -.256 | -.930 | 220 | 200 | -.561 | .081 | -.344 | -.916 | 220 | 250 | -.595 | .107 | -.167 | -1.202 |
| 220 | 151 | -.504 | .072 | -.246 | -.860 | 220 | 201 | -.570 | .077 | -.295 | -.882 | 220 | 251 | -.641 | .122 | -.172 | -1.305 |
| 220 | 152 | -.495 | .074 | -.234 | -.967 | 220 | 202 | -.569 | .080 | -.335 | -.903 | 220 | 252 | -.539 | .141 | -.152 | -1.315 |
| 220 | 153 | -.497 | .073 | -.241 | -.925 | 220 | 203 | -.580 | .096 | -.278 | -1.045 | 220 | 253 | -.653 | .139 | -.268 | -1.460 |
| 220 | 154 | -.491 | .072 | -.199 | -.870 | 220 | 204 | -.595 | .096 | -.315 | -1.267 | 220 | 254 | -.688 | .155 | -.194 | -2.009 |
| 220 | 155 | -.487 | .067 | -.274 | -.900 | 220 | 205 | -.601 | .102 | -.305 | -1.237 | 220 | 255 | -.664 | .151 | -.263 | -1.619 |
| 220 | 156 | -.485 | .060 | -.276 | -.759 | 220 | 206 | -.586 | .093 | -.271 | -1.043 | 220 | 256 | -.649 | .124 | -.280 | -1.215 |
| 220 | 157 | -.478 | .053 | -.316 | -.709 | 220 | 207 | -.605 | .099 | -.337 | -1.145 | 220 | 257 | -.631 | .127 | -.302 | -1.296 |
| 220 | 158 | -.474 | .062 | -.281 | -.732 | 220 | 208 | -.576 | .084 | -.298 | -.967 | 220 | 258 | -.594 | .123 | -.285 | -1.293 |
| 220 | 159 | -.473 | .061 | -.261 | -.682 | 220 | 209 | -.544 | .074 | -.286 | -.780 | 220 | 259 | -.601 | .116 | -.287 | -1.273 |
| 220 | 160 | -.499 | .059 | -.311 | -.816 | 220 | 210 | -.548 | .071 | -.286 | -1.026 | 220 | 260 | -.656 | .130 | -.363 | -1.597 |
| 220 | 161 | -.505 | .061 | -.303 | -.761 | 220 | 211 | -.576 | .082 | -.315 | -.901 | 220 | 261 | -.669 | .132 | -.373 | -1.403 |
| 220 | 162 | -.515 | .057 | -.350 | -.717 | 220 | 212 | -.579 | .081 | -.288 | -.880 | 220 | 262 | -.681 | .135 | -.346 | -1.335 |
| 220 | 163 | -.525 | .065 | -.271 | -.759 | 220 | 213 | -.569 | .082 | -.327 | -.979 | 220 | 263 | -.697 | .141 | -.331 | -1.443 |
| 220 | 164 | -.540 | .065 | -.348 | -.821 | 220 | 214 | -.574 | .058 | -.446 | -.828 | 220 | 264 | -.687 | .134 | -.334 | -1.359 |
| 220 | 165 | -.547 | .075 | -.360 | -.964 | 220 | 215 | -.563 | .076 | -.286 | -.971 | 220 | 265 | -.687 | .146 | -.246 | -1.663 |
| 220 | 166 | -.538 | .068 | -.343 | -.806 | 220 | 216 | -.557 | .079 | -.296 | -1.260 | 220 | 266 | -.671 | .130 | -.197 | -1.362 |
| 220 | 167 | -.526 | .075 | -.298 | -.895 | 220 | 217 | -.536 | .067 | -.306 | -.876 | 220 | 267 | -.693 | .140 | -.265 | -1.467 |
| 220 | 168 | -.505 | .064 | -.254 | -.759 | 220 | 218 | -.522 | .063 | -.316 | -.732 | 220 | 268 | -.633 | .124 | -.145 | -1.146 |
| 220 | 169 | -.491 | .061 | -.241 | -.776 | 220 | 219 | -.526 | .070 | -.269 | -.901 | 220 | 269 | -.586 | .114 | -.209 | -1.006 |
| 220 | 170 | -.492 | .061 | -.219 | -.803 | 220 | 220 | -.594 | .095 | -.316 | -1.170 | 220 | 270 | -.584 | .134 | -.090 | -1.050 |

APPENDIX A -- PRESSURE DATA ; CONFIGURATION A : RELIANCE CENTER, DENVER

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 220 | 271 | .648 | .133 | .211 | -1.433 | 220 | 321 | .235 | .131 | .044 | -1.115 | 220 | 418 | .600 | .090 | .311 | -1.034 |
| 220 | 272 | .623 | .146 | .067 | -1.541 | 220 | 322 | .485 | .134 | .047 | -.958 | 220 | 419 | .656 | .122 | .363 | -1.592 |
| 220 | 273 | .633 | .165 | .024 | -1.305 | 220 | 323 | .427 | .107 | .001 | -.940 | 220 | 420 | .668 | .115 | .360 | -1.378 |
| 220 | 274 | .720 | .212 | .015 | -2.061 | 220 | 324 | .418 | .117 | .003 | -.989 | 220 | 421 | .669 | .129 | .352 | -1.634 |
| 220 | 275 | .699 | .173 | .120 | -1.661 | 220 | 325 | .472 | .171 | .004 | -1.337 | 220 | 422 | .682 | .157 | .334 | -1.680 |
| 220 | 276 | .678 | .162 | .184 | -1.507 | 220 | 326 | .550 | .164 | .047 | -1.225 | 220 | 423 | .670 | .145 | .370 | -1.609 |
| 220 | 277 | .678 | .164 | .184 | -1.727 | 220 | 327 | .260 | .143 | .361 | -.832 | 220 | 424 | .696 | .152 | .360 | -1.727 |
| 220 | 278 | .654 | .160 | .184 | -1.737 | 220 | 328 | .217 | .135 | .279 | -1.100 | 220 | 425 | .713 | .184 | .273 | -1.739 |
| 220 | 279 | .655 | .158 | .256 | -1.661 | 220 | 329 | .259 | .137 | .206 | -1.210 | 220 | 426 | .763 | .182 | .350 | -1.668 |
| 220 | 280 | .722 | .173 | .071 | -1.415 | 220 | 330 | .261 | .138 | .040 | -1.110 | 220 | 427 | .824 | .209 | .119 | -2.121 |
| 220 | 281 | .564 | .143 | .003 | -1.197 | 220 | 331 | .226 | .113 | .014 | -.888 | 220 | 428 | .863 | .104 | .336 | -.562 |
| 220 | 282 | .753 | .169 | .307 | -1.638 | 220 | 332 | .521 | .124 | .045 | -.949 | 220 | 429 | .137 | .070 | .103 | -.508 |
| 220 | 283 | .587 | .116 | .199 | -1.245 | 220 | 333 | .487 | .129 | .167 | -.944 | 220 | 430 | .232 | .064 | .019 | -.490 |
| 220 | 284 | .495 | .093 | .197 | -.940 | 220 | 334 | .412 | .111 | .083 | -.967 | 220 | 431 | .289 | .072 | .025 | -.544 |
| 220 | 285 | .499 | .110 | .166 | -1.007 | 220 | 335 | .381 | .108 | .040 | -.853 | 220 | 432 | .298 | .072 | .021 | -.603 |
| 220 | 286 | .540 | .114 | .184 | -1.207 | 220 | 336 | .251 | .141 | .223 | -1.615 | 220 | 433 | .290 | .083 | .059 | -.650 |
| 220 | 287 | .561 | .138 | .145 | -1.233 | 220 | 337 | .224 | .116 | .083 | -.909 | 220 | 434 | .350 | .102 | .124 | -.844 |
| 220 | 288 | .517 | .118 | .117 | -.928 | 220 | 338 | .230 | .113 | .022 | -.817 | 220 | 435 | .531 | .163 | .385 | -.126 |
| 220 | 289 | .474 | .107 | .102 | -.884 | 220 | 339 | .241 | .143 | .051 | -1.012 | 220 | 436 | .335 | .143 | .022 | -1.283 |
| 220 | 290 | .434 | .114 | .089 | -.920 | 220 | 340 | .339 | .101 | .056 | -.681 | 220 | 437 | .460 | .193 | .040 | -1.337 |
| 220 | 291 | .463 | .129 | .003 | -1.140 | 220 | 341 | .332 | .102 | .003 | -.676 | 220 | 438 | .476 | .178 | .201 | -1.524 |
| 220 | 292 | .513 | .148 | .052 | -1.217 | 220 | 342 | .287 | .089 | .108 | -.570 | 220 | 439 | .048 | .192 | .507 | -.563 |
| 220 | 293 | .520 | .142 | .085 | -1.020 | 220 | 343 | .319 | .101 | .094 | -.727 | 220 | 440 | .111 | .183 | .404 | -.611 |
| 220 | 294 | .536 | .147 | .096 | -1.071 | 220 | 344 | .461 | .100 | .007 | -.790 | 220 | 441 | .032 | .128 | .455 | -.446 |
| 220 | 295 | .622 | .220 | .103 | -1.630 | 220 | 345 | .470 | .109 | .127 | -.937 | 220 | 442 | .026 | .098 | .289 | -.464 |
| 220 | 296 | .621 | .157 | .084 | -1.474 | 220 | 346 | .471 | .117 | .078 | -.922 | 220 | 443 | .174 | .065 | .116 | -.412 |
| 220 | 297 | .685 | .188 | .279 | -1.676 | 220 | 347 | .435 | .122 | .038 | -.834 | 220 | 444 | .268 | .062 | .012 | -.526 |
| 220 | 298 | .702 | .159 | .202 | -1.522 | 220 | 348 | .279 | .099 | .116 | -.671 | 220 | 445 | .292 | .059 | .029 | -.513 |
| 220 | 299 | .755 | .213 | .222 | -2.235 | 220 | 349 | .317 | .102 | .080 | -.702 | 220 | 446 | .354 | .075 | .001 | -.663 |
| 220 | 300 | .641 | .176 | .176 | -1.474 | 220 | 350 | .279 | .121 | .201 | -.764 | 220 | 447 | .515 | .140 | .093 | -1.033 |
| 220 | 301 | .615 | .206 | .199 | -1.697 | 220 | 351 | .332 | .111 | .056 | -.836 | 220 | 448 | .503 | .104 | .169 | -.955 |
| 220 | 302 | .696 | .271 | .071 | -2.243 | 220 | 352 | .433 | .103 | .089 | -.916 | 220 | 449 | .467 | .093 | .039 | -.911 |
| 220 | 303 | .729 | .204 | .128 | -1.997 | 220 | 353 | .403 | .102 | .028 | -.785 | 220 | 450 | .548 | .106 | .244 | -1.271 |
| 220 | 304 | .701 | .202 | .168 | -1.810 | 220 | 401 | .495 | .067 | .297 | -.784 | 220 | 451 | .569 | .126 | .189 | -1.449 |
| 220 | 305 | .481 | .177 | .393 | -1.061 | 220 | 402 | .498 | .064 | .284 | -.794 | 220 | 452 | .659 | .178 | .012 | -1.470 |
| 220 | 306 | .359 | .185 | .253 | -1.063 | 220 | 403 | .494 | .062 | .293 | -.725 | 220 | 453 | .550 | .137 | .070 | -1.240 |
| 220 | 307 | .226 | .162 | .267 | -1.402 | 220 | 404 | .480 | .060 | .279 | -.710 | 220 | 454 | .546 | .199 | .388 | -1.289 |
| 220 | 308 | .290 | .163 | .667 | -1.494 | 220 | 405 | .495 | .059 | .299 | -.759 | 220 | 455 | .472 | .144 | .033 | -1.040 |
| 220 | 309 | .251 | .158 | .131 | -1.108 | 220 | 406 | .493 | .062 | .318 | -.778 | 220 | 456 | .439 | .187 | .213 | -1.348 |
| 220 | 310 | .534 | .146 | .131 | -1.071 | 220 | 407 | .498 | .056 | .301 | -.700 | 220 | 457 | .356 | .123 | .177 | -.716 |
| 220 | 311 | .551 | .143 | .049 | -1.004 | 220 | 408 | .504 | .060 | .328 | -.746 | 220 | 458 | .342 | .115 | .180 | -.709 |
| 220 | 312 | .571 | .144 | .176 | -1.210 | 220 | 409 | .506 | .059 | .311 | -.712 | 220 | 459 | .596 | .132 | .261 | -1.395 |
| 220 | 313 | .460 | .114 | .113 | -.994 | 220 | 410 | .527 | .064 | .345 | -.756 | 220 | 460 | .523 | .110 | .147 | -.975 |
| 220 | 314 | .522 | .190 | .055 | -1.702 | 220 | 411 | .535 | .066 | .296 | -.847 | 220 | 461 | .466 | .189 | .159 | -1.263 |
| 220 | 315 | .655 | .165 | .120 | -1.369 | 220 | 412 | .541 | .063 | .350 | -.800 | 220 | 462 | .707 | .164 | .180 | -1.449 |
| 220 | 316 | .372 | .176 | .329 | -.933 | 220 | 413 | .556 | .071 | .255 | -.920 | 220 | 463 | .705 | .149 | .318 | -1.320 |
| 220 | 317 | .218 | .139 | .255 | -1.053 | 220 | 414 | .569 | .081 | .326 | -.996 | 220 | 464 | .537 | .121 | .060 | -.968 |
| 220 | 318 | .269 | .160 | .144 | -1.163 | 220 | 415 | .563 | .068 | .333 | -.852 | 220 | 465 | .112 | .162 | .540 | -.597 |
| 220 | 319 | .237 | .131 | .034 | -.994 | 220 | 416 | .591 | .092 | .163 | -.963 | 220 | 466 | .216 | .169 | .283 | -.874 |
| 220 | 320 | .211 | .113 | .052 | -.930 | 220 | 417 | .613 | .094 | .298 | -1.139 | 220 | 467 | .158 | .214 | .672 | -.786 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 220 | 501 | .402 | .066 | .162 | .727 | 220 | 551 | .437 | .144 | 1.079 | .097 | 220 | 601 | .074 | .062 | .386 | -.096 |
| 220 | 502 | .230 | .076 | .005 | .515 | 220 | 552 | .198 | .123 | .673 | .166 | 220 | 602 | .088 | .058 | .359 | -.049 |
| 220 | 503 | .010 | .091 | .281 | .434 | 220 | 553 | .135 | .096 | .228 | .470 | 220 | 603 | .182 | .077 | .591 | -.012 |
| 220 | 504 | .117 | .113 | .493 | .411 | 220 | 554 | .404 | .086 | .099 | .824 | 220 | 604 | .137 | .055 | .407 | -.006 |
| 220 | 505 | .264 | .130 | .730 | .172 | 220 | 555 | .460 | .097 | .180 | .826 | 220 | 605 | .150 | .055 | .379 | .007 |
| 220 | 506 | .256 | .131 | .673 | .182 | 220 | 556 | .362 | .091 | .102 | .611 | 220 | 606 | .172 | .063 | .448 | .017 |
| 220 | 507 | .089 | .114 | .424 | .347 | 220 | 557 | .060 | .096 | .322 | .411 | 220 | 607 | .415 | .085 | .159 | -.720 |
| 220 | 508 | .058 | .093 | .338 | .355 | 220 | 558 | .176 | .109 | .685 | .131 | 220 | 608 | .347 | .094 | .034 | -.651 |
| 220 | 509 | .319 | .074 | .005 | .621 | 220 | 559 | .389 | .132 | .873 | .057 | 220 | 609 | .423 | .112 | .047 | -.822 |
| 220 | 510 | .341 | .063 | .118 | .667 | 220 | 560 | .367 | .139 | .866 | .045 | 220 | 610 | .110 | .067 | .443 | -.067 |
| 220 | 511 | .178 | .073 | .074 | .441 | 220 | 561 | .183 | .121 | .589 | .158 | 220 | 611 | .104 | .071 | .392 | -.083 |
| 220 | 512 | .117 | .110 | .611 | .234 | 220 | 562 | .163 | .092 | .240 | .512 | 220 | 612 | .174 | .099 | .642 | -.065 |
| 220 | 513 | .397 | .135 | .863 | .089 | 220 | 563 | .330 | .090 | .010 | .764 | 220 | 613 | .130 | .062 | .389 | -.047 |
| 220 | 514 | .559 | .158 | 1.016 | .699 | 220 | 564 | .552 | .115 | .218 | .965 | 220 | 614 | .263 | .103 | .659 | .002 |
| 220 | 515 | .372 | .159 | 1.038 | .037 | 220 | 565 | .349 | .090 | .008 | .752 | 220 | 615 | .173 | .065 | .445 | .002 |
| 220 | 516 | .318 | .137 | .732 | .140 | 220 | 566 | .137 | .082 | .176 | .420 | 220 | 616 | .151 | .061 | .397 | -.006 |
| 220 | 517 | .022 | .092 | .301 | .323 | 220 | 567 | .074 | .085 | .407 | .196 | 220 | 617 | .044 | .086 | .432 | -.208 |
| 220 | 518 | .224 | .072 | .042 | .517 | 220 | 568 | .282 | .111 | .649 | .000 | 220 | 618 | .014 | .064 | .251 | -.253 |
| 220 | 519 | .374 | .060 | .150 | .489 | 220 | 569 | .284 | .119 | .812 | .044 | 220 | 619 | .093 | .060 | .172 | -.315 |
| 220 | 520 | .215 | .072 | .049 | .434 | 220 | 570 | .135 | .103 | .629 | .151 | 220 | 701 | .490 | .069 | .279 | -.786 |
| 220 | 521 | .117 | .113 | .501 | .229 | 220 | 571 | .158 | .089 | .203 | .475 | 220 | 702 | .501 | .071 | .274 | -.881 |
| 220 | 522 | .426 | .134 | .823 | .000 | 220 | 572 | .365 | .092 | .022 | .740 | 220 | 703 | .499 | .069 | .257 | -.742 |
| 220 | 523 | .613 | .160 | 1.186 | .151 | 220 | 573 | .062 | .050 | .235 | .183 | 220 | 704 | .490 | .064 | .252 | -.759 |
| 220 | 524 | .589 | .156 | 1.129 | .074 | 220 | 574 | .160 | .052 | .378 | .055 | 220 | 705 | .486 | .060 | .307 | -.710 |
| 220 | 525 | .281 | .132 | .759 | .123 | 220 | 575 | .171 | .071 | .501 | .015 | 220 | 706 | .476 | .063 | .299 | -.744 |
| 220 | 526 | .075 | .091 | .303 | .439 | 220 | 576 | .520 | .113 | .204 | 1.291 | 220 | 707 | .495 | .060 | .324 | -.742 |
| 220 | 527 | .407 | .070 | .066 | .658 | 220 | 577 | .315 | .073 | .091 | .624 | 220 | 708 | .493 | .058 | .339 | -.705 |
| 220 | 528 | .541 | .074 | .288 | .840 | 220 | 578 | .144 | .061 | .114 | .352 | 220 | 709 | .493 | .059 | .302 | -.749 |
| 220 | 529 | .204 | .078 | .109 | .431 | 220 | 579 | .000 | .044 | .240 | .222 | 220 | 710 | .504 | .058 | .365 | -.701 |
| 220 | 530 | .073 | .108 | .498 | .239 | 220 | 580 | .053 | .062 | .263 | .293 | 220 | 711 | .501 | .064 | .284 | -.717 |
| 220 | 531 | .373 | .134 | .843 | .044 | 220 | 581 | .064 | .055 | .276 | .252 | 220 | 712 | .496 | .062 | .292 | -.777 |
| 220 | 532 | .565 | .161 | 1.058 | .173 | 220 | 582 | .047 | .050 | .243 | .214 | 220 | 713 | .526 | .069 | .294 | -.749 |
| 220 | 533 | .543 | .157 | .996 | .059 | 220 | 583 | .131 | .052 | .371 | .011 | 220 | 714 | .531 | .074 | .294 | -.791 |
| 220 | 534 | .269 | .137 | .779 | .155 | 220 | 584 | .050 | .059 | .409 | .109 | 220 | 715 | .520 | .070 | .309 | -.814 |
| 220 | 535 | .120 | .090 | .271 | .397 | 220 | 585 | .121 | .065 | .150 | .434 | 220 | 716 | .551 | .091 | .292 | -.989 |
| 220 | 536 | .445 | .078 | .096 | .707 | 220 | 586 | .416 | .100 | .155 | .973 | 220 | 717 | .551 | .095 | .220 | -.975 |
| 220 | 537 | .524 | .081 | .140 | .853 | 220 | 587 | .040 | .047 | .214 | .119 | 220 | 718 | .540 | .086 | .171 | -.834 |
| 220 | 538 | .218 | .078 | .071 | .447 | 220 | 588 | .131 | .098 | .512 | .132 | 220 | 719 | .609 | .114 | .253 | -1.131 |
| 220 | 539 | .050 | .096 | .466 | .320 | 220 | 589 | .102 | .078 | .504 | .178 | 220 | 720 | .606 | .130 | .281 | -1.760 |
| 220 | 540 | .314 | .134 | .838 | .015 | 220 | 590 | .087 | .061 | .407 | .114 | 220 | 721 | .585 | .127 | .141 | -1.758 |
| 220 | 541 | .518 | .145 | .929 | .121 | 220 | 591 | .097 | .049 | .294 | .055 | 220 | 722 | .671 | .176 | .289 | -1.681 |
| 220 | 542 | .498 | .145 | .929 | .126 | 220 | 592 | .552 | .113 | .252 | .022 | 220 | 723 | .655 | .164 | .179 | -1.577 |
| 220 | 543 | .244 | .130 | .823 | .143 | 220 | 593 | .296 | .070 | .086 | .534 | 220 | 724 | .637 | .147 | .289 | -1.528 |
| 220 | 544 | .141 | .095 | .276 | .441 | 220 | 594 | .078 | .062 | .135 | .296 | 220 | 725 | .753 | .206 | .343 | -1.946 |
| 220 | 545 | .375 | .079 | .061 | .636 | 220 | 595 | .129 | .084 | .171 | .411 | 220 | 726 | .685 | .171 | .287 | -1.926 |
| 220 | 546 | .376 | .077 | .074 | .641 | 220 | 596 | .087 | .064 | .332 | .314 | 220 | 727 | .673 | .149 | .294 | -1.436 |
| 220 | 547 | .261 | .084 | .107 | .537 | 220 | 597 | .078 | .053 | .284 | .070 | 220 | 728 | .217 | .117 | .089 | -.696 |
| 220 | 548 | .012 | .096 | .465 | .364 | 220 | 598 | .084 | .054 | .094 | .322 | 220 | 729 | .218 | .105 | .107 | -.885 |
| 220 | 549 | .266 | .122 | .797 | .089 | 220 | 599 | .221 | .065 | .013 | .531 | 220 | 730 | .233 | .087 | .068 | -.670 |
| 220 | 550 | .478 | .144 | .938 | .121 | 220 | 600 | .050 | .074 | .404 | .360 | 220 | 731 | .301 | .096 | .117 | -.797 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|--------|--------|-----|-----|--------|-------|--------|--------|-----|-----|--------|-------|--------|--------|
| 220 | 732 | - .341 | .167 | .037 | -1.910 | 220 | 910 | - .544 | .112 | - .196 | -1.302 | 230 | 106 | - .512 | .093 | - .202 | -1.252 |
| 220 | 733 | - .386 | .232 | .154 | -1.550 | 220 | 911 | - .539 | .110 | - .233 | -1.238 | 230 | 107 | - .494 | .084 | - .264 | -1.073 |
| 220 | 734 | - .438 | .256 | .278 | -1.897 | 220 | 912 | - .547 | .124 | - .184 | -1.263 | 230 | 108 | - .496 | .081 | - .214 | -1.904 |
| 220 | 735 | - .232 | .126 | .053 | - .825 | 220 | 913 | - .642 | .136 | - .187 | -1.235 | 230 | 109 | - .494 | .078 | - .157 | -1.864 |
| 220 | 736 | - .209 | .103 | .032 | - .947 | 220 | 914 | - .817 | .184 | - .247 | -1.801 | 230 | 110 | - .508 | .085 | - .184 | -1.944 |
| 220 | 737 | - .218 | .102 | .043 | - .729 | 220 | 915 | - .538 | .111 | - .171 | -1.035 | 230 | 111 | - .494 | .082 | - .227 | -1.789 |
| 220 | 738 | - .193 | .069 | .094 | - .504 | 220 | 916 | - .541 | .110 | - .181 | -1.194 | 230 | 112 | - .508 | .083 | - .237 | -1.163 |
| 220 | 739 | - .207 | .064 | .022 | - .491 | 220 | 917 | - .669 | .185 | - .265 | -1.714 | 230 | 113 | - .516 | .094 | - .229 | -1.083 |
| 220 | 740 | - .173 | .068 | .107 | - .491 | 220 | 918 | - .742 | .178 | - .262 | -1.433 | 230 | 114 | - .512 | .090 | - .234 | -1.011 |
| 220 | 741 | - .065 | .090 | .319 | - .473 | 220 | 919 | - .508 | .088 | - .245 | - .942 | 230 | 115 | - .500 | .091 | - .207 | -1.093 |
| 220 | 742 | - .009 | .117 | .426 | - .450 | 220 | 920 | - .628 | .132 | - .319 | -1.449 | 230 | 116 | - .502 | .081 | - .232 | -1.916 |
| 220 | 743 | - .171 | .207 | .478 | - .819 | 220 | 921 | - .537 | .104 | - .233 | -1.309 | 230 | 117 | - .507 | .074 | - .304 | -1.911 |
| 220 | 744 | - .324 | .235 | .389 | -1.102 | 220 | 922 | - .542 | .120 | - .191 | -1.287 | 230 | 118 | - .502 | .074 | - .244 | -1.834 |
| 220 | 745 | - .686 | .171 | - .182 | -1.464 | 220 | 923 | - .536 | .111 | - .142 | -1.140 | 230 | 119 | - .502 | .075 | - .267 | -1.038 |
| 220 | 746 | - .762 | .200 | - .287 | -2.199 | 220 | 924 | - .547 | .134 | - .086 | -1.268 | 230 | 120 | - .510 | .078 | - .237 | -1.921 |
| 220 | 747 | - .706 | .191 | - .153 | -1.750 | 220 | 925 | - .681 | .174 | - .234 | -1.644 | 230 | 121 | - .517 | .083 | - .279 | -1.013 |
| 220 | 748 | - .754 | .239 | - .046 | -2.149 | 220 | 926 | - .550 | .111 | - .218 | -1.133 | 230 | 122 | - .509 | .076 | - .257 | -1.834 |
| 220 | 749 | - .689 | .220 | - .016 | -1.820 | 220 | 927 | - .509 | .086 | - .213 | - .945 | 230 | 123 | - .500 | .081 | - .289 | -1.901 |
| 220 | 750 | - .659 | .173 | - .178 | -1.480 | 220 | 928 | - .514 | .090 | - .198 | -1.128 | 230 | 124 | - .510 | .084 | - .254 | -1.068 |
| 220 | 751 | - .461 | .104 | - .131 | - .823 | 220 | 929 | - .509 | .088 | - .225 | - .974 | 230 | 125 | - .507 | .078 | - .274 | -1.834 |
| 220 | 752 | - .471 | .096 | - .134 | - .864 | 220 | 930 | - .686 | .221 | - .013 | -2.113 | 230 | 126 | - .511 | .088 | - .224 | -1.998 |
| 220 | 753 | - .781 | .270 | - .126 | -2.708 | 220 | 931 | - .646 | .204 | - .156 | -1.881 | 230 | 127 | - .500 | .079 | - .197 | -1.836 |
| 220 | 754 | - .762 | .206 | - .223 | -2.171 | 220 | 932 | - .575 | .139 | - .164 | -2.226 | 230 | 128 | - .493 | .078 | - .254 | -1.911 |
| 220 | 755 | - .758 | .262 | - .173 | -2.094 | 220 | 933 | - .847 | .197 | - .234 | -1.547 | 230 | 129 | - .494 | .076 | - .244 | -1.822 |
| 220 | 756 | - .697 | .194 | - .152 | -1.739 | 220 | 934 | - .578 | .109 | - .231 | -1.130 | 230 | 130 | - .514 | .076 | - .286 | -1.973 |
| 220 | 757 | - .728 | .252 | - .103 | -2.263 | 220 | 935 | - .682 | .187 | - .023 | -1.632 | 230 | 131 | - .524 | .081 | - .247 | -1.929 |
| 220 | 758 | - .550 | .130 | - .126 | -1.032 | 220 | 936 | - .768 | .294 | - .019 | -2.064 | 230 | 132 | - .514 | .079 | - .254 | -1.829 |
| 220 | 759 | - .558 | .139 | - .174 | -1.204 | 220 | 937 | - .645 | .170 | - .044 | -1.330 | 230 | 133 | - .498 | .077 | - .244 | -1.866 |
| 220 | 760 | - .430 | .105 | - .026 | - .846 | 220 | 938 | - .650 | .215 | - .038 | -1.634 | 230 | 134 | - .505 | .089 | - .262 | -1.968 |
| 220 | 761 | - .425 | .105 | - .051 | - .774 | 220 | 939 | - .751 | .204 | - .105 | -2.051 | 230 | 135 | - .517 | .080 | - .159 | -1.891 |
| 220 | 762 | - .301 | .209 | - .374 | - .954 | 220 | 940 | - .504 | .180 | - .369 | -1.261 | 230 | 136 | - .527 | .092 | - .232 | -1.969 |
| 220 | 763 | - .583 | .136 | - .051 | -1.091 | 220 | 941 | - .618 | .148 | - .069 | -1.317 | 230 | 137 | - .515 | .057 | - .333 | -1.700 |
| 220 | 764 | - .315 | .207 | - .212 | -1.027 | 220 | 942 | - .633 | .184 | - .084 | -1.446 | 230 | 138 | - .493 | .072 | - .229 | -1.829 |
| 220 | 765 | - .020 | .171 | - .626 | - .555 | 220 | 943 | - .358 | .169 | - .214 | -1.783 | 230 | 139 | - .502 | .074 | - .234 | -1.988 |
| 220 | 766 | - .212 | .226 | - .935 | - .845 | 220 | 944 | - .545 | .285 | - .134 | -2.329 | 230 | 140 | - .496 | .062 | - .289 | -1.734 |
| 220 | 767 | - .038 | .181 | - .582 | - .687 | 220 | 945 | - .573 | .147 | - .149 | -1.227 | 230 | 141 | - .487 | .060 | - .324 | -1.807 |
| 220 | 801 | - .138 | .056 | - .364 | - .012 | 220 | 946 | - .432 | .255 | - .165 | -1.966 | 230 | 142 | - .494 | .060 | - .301 | -1.727 |
| 220 | 802 | - .135 | .051 | - .371 | - .001 | 220 | 947 | - .500 | .116 | - .133 | - .911 | 230 | 143 | - .503 | .066 | - .286 | -1.749 |
| 220 | 803 | - .017 | .034 | - .134 | - .105 | 220 | 948 | - .502 | .128 | - .185 | - .978 | 230 | 144 | - .512 | .076 | - .234 | -1.881 |
| 220 | 804 | - .008 | .049 | - .232 | - .136 | 220 | 949 | - .730 | .305 | - .069 | -2.134 | 230 | 145 | - .526 | .079 | - .294 | -1.929 |
| 220 | 805 | - .023 | .064 | - .204 | - .236 | 220 | 950 | - .520 | .207 | - .025 | -1.601 | 230 | 146 | - .527 | .075 | - .286 | -1.869 |
| 220 | 901 | - .523 | .098 | - .252 | -1.091 | 220 | 951 | - .297 | .168 | - .158 | -1.261 | 230 | 147 | - .511 | .074 | - .256 | -1.791 |
| 220 | 902 | - .522 | .082 | - .281 | - .981 | 220 | 952 | - .351 | .186 | - .222 | -1.483 | 230 | 148 | - .506 | .074 | - .259 | -1.929 |
| 220 | 903 | - .515 | .085 | - .269 | - .927 | 220 | 953 | - .354 | .232 | - .261 | -1.686 | 230 | 149 | - .497 | .077 | - .249 | -1.799 |
| 220 | 904 | - .534 | .084 | - .274 | - .937 | 220 | 954 | - .312 | .194 | - .209 | -1.634 | 230 | 150 | - .502 | .079 | - .224 | -1.934 |
| 220 | 905 | - .559 | .101 | - .262 | -1.042 | 230 | 101 | - .498 | .050 | - .299 | - .640 | 230 | 151 | - .505 | .066 | - .284 | -1.743 |
| 220 | 906 | - .554 | .103 | - .289 | -1.150 | 230 | 102 | - .490 | .071 | - .257 | - .812 | 230 | 152 | - .503 | .073 | - .219 | -1.919 |
| 220 | 907 | - .535 | .092 | - .233 | -1.108 | 230 | 103 | - .495 | .078 | - .172 | - .866 | 230 | 153 | - .499 | .070 | - .264 | -1.771 |
| 220 | 908 | - .548 | .099 | - .247 | -1.385 | 230 | 104 | - .512 | .087 | - .207 | -1.118 | 230 | 154 | - .502 | .071 | - .284 | -1.846 |
| 220 | 909 | - .551 | .100 | - .289 | -1.155 | 230 | 105 | - .523 | .092 | - .262 | -1.028 | 230 | 155 | - .497 | .071 | - .294 | -1.851 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|--------|------|-----|--------|-------|-------|--------|------|-----|--------|-------|-------|--------|
| 2330 | 156 | .498 | .061 | .264 | .716 | 2330 | 206 | .623 | .107 | .291 | -1.200 | 2330 | 256 | .669 | .172 | .080 | -1.796 |
| 2330 | 157 | .484 | .060 | .291 | .709 | 2330 | 207 | .619 | .119 | .205 | -1.244 | 2330 | 257 | .634 | .152 | .302 | -1.647 |
| 2330 | 158 | .486 | .064 | .281 | .749 | 2330 | 208 | .585 | .085 | .234 | -.902 | 2330 | 258 | .611 | .141 | .265 | -1.335 |
| 2330 | 159 | .489 | .067 | .281 | .776 | 2330 | 209 | .557 | .078 | .271 | -.836 | 2330 | 259 | .593 | .144 | .156 | -1.387 |
| 2330 | 160 | .508 | .060 | .331 | .719 | 2330 | 210 | .551 | .082 | .237 | -.888 | 2330 | 260 | .695 | .164 | .342 | -2.054 |
| 2330 | 161 | .501 | .067 | .321 | .724 | 2330 | 211 | .575 | .082 | .310 | -.959 | 2330 | 261 | .693 | .169 | .263 | -2.202 |
| 2330 | 162 | .511 | .064 | .344 | .846 | 2330 | 212 | .559 | .101 | .308 | -1.264 | 2330 | 262 | .717 | .171 | .253 | -1.670 |
| 2330 | 163 | .528 | .063 | .321 | .804 | 2330 | 213 | .584 | .086 | .283 | -1.023 | 2330 | 263 | .710 | .159 | .298 | -1.568 |
| 2330 | 164 | .540 | .073 | .316 | .844 | 2330 | 214 | .603 | .071 | .423 | -1.129 | 2330 | 264 | .690 | .166 | .171 | -1.878 |
| 2330 | 165 | .550 | .076 | .319 | .894 | 2330 | 215 | .584 | .104 | .296 | -1.532 | 2330 | 265 | .693 | .168 | .062 | -1.880 |
| 2330 | 166 | .537 | .075 | .279 | .914 | 2330 | 216 | .569 | .093 | .301 | -1.380 | 2330 | 266 | .658 | .158 | .034 | -1.511 |
| 2330 | 167 | .535 | .081 | .226 | -1.014 | 2330 | 217 | .549 | .077 | .288 | -.808 | 2330 | 267 | .636 | .188 | .153 | -2.116 |
| 2330 | 168 | .516 | .066 | .288 | .784 | 2330 | 218 | .537 | .076 | .249 | -1.030 | 2330 | 268 | .637 | .146 | .030 | -1.234 |
| 2330 | 169 | .491 | .064 | .259 | .751 | 2330 | 219 | .540 | .076 | .281 | -.993 | 2330 | 269 | .551 | .149 | .030 | -1.048 |
| 2330 | 170 | .503 | .069 | .221 | .766 | 2330 | 220 | .616 | .109 | .278 | -1.170 | 2330 | 270 | .564 | .137 | .057 | -1.083 |
| 2330 | 171 | .520 | .063 | .296 | .784 | 2330 | 221 | .610 | .104 | .296 | -1.222 | 2330 | 271 | .613 | .162 | .072 | -1.221 |
| 2330 | 172 | .515 | .069 | .284 | .796 | 2330 | 222 | .613 | .102 | .330 | -1.119 | 2330 | 272 | .643 | .198 | .099 | -1.628 |
| 2330 | 173 | .516 | .072 | .271 | .864 | 2330 | 223 | .647 | .113 | .359 | -1.298 | 2330 | 273 | .686 | .195 | .057 | -1.519 |
| 2330 | 174 | .512 | .069 | .256 | .824 | 2330 | 224 | .665 | .115 | .286 | -1.256 | 2330 | 274 | .738 | .218 | .055 | -2.029 |
| 2330 | 175 | .519 | .071 | .311 | .896 | 2330 | 225 | .676 | .148 | .266 | -1.878 | 2330 | 275 | .726 | .201 | .034 | -1.883 |
| 2330 | 176 | .507 | .068 | .286 | .749 | 2330 | 226 | .651 | .125 | .210 | -1.237 | 2330 | 276 | .729 | .193 | .241 | -1.695 |
| 2330 | 177 | .503 | .067 | .286 | .806 | 2330 | 227 | .649 | .138 | .256 | -1.320 | 2330 | 277 | .717 | .206 | .320 | -2.101 |
| 2330 | 178 | .502 | .066 | .286 | .719 | 2330 | 228 | .607 | .103 | .146 | -1.124 | 2330 | 278 | .697 | .211 | .239 | -2.888 |
| 2330 | 179 | .499 | .063 | .276 | .761 | 2330 | 229 | .563 | .096 | .200 | -.944 | 2330 | 279 | .679 | .190 | .098 | -2.242 |
| 2330 | 180 | .526 | .069 | .306 | .746 | 2330 | 230 | .570 | .092 | .249 | -.883 | 2330 | 280 | .732 | .187 | .001 | -1.584 |
| 2330 | 181 | .537 | .071 | .324 | .821 | 2330 | 231 | .616 | .103 | .305 | -1.210 | 2330 | 281 | .586 | .151 | .134 | -1.330 |
| 2330 | 182 | .532 | .074 | .301 | .899 | 2330 | 232 | .635 | .141 | .208 | -1.932 | 2330 | 282 | .730 | .188 | .168 | -1.522 |
| 2330 | 183 | .535 | .076 | .246 | -1.274 | 2330 | 233 | .649 | .138 | .310 | -1.380 | 2330 | 283 | .583 | .146 | .118 | -1.559 |
| 2330 | 184 | .570 | .089 | .241 | -1.026 | 2330 | 234 | .659 | .165 | .250 | -2.182 | 2330 | 284 | .493 | .122 | .168 | -1.119 |
| 2330 | 185 | .588 | .086 | .269 | .964 | 2330 | 235 | .638 | .125 | .295 | -1.454 | 2330 | 285 | .470 | .142 | .038 | -.961 |
| 2330 | 186 | .583 | .090 | .259 | .959 | 2330 | 236 | .621 | .129 | .312 | -1.504 | 2330 | 286 | .512 | .147 | .098 | -1.062 |
| 2330 | 187 | .578 | .096 | .286 | -1.104 | 2330 | 237 | .567 | .107 | .265 | -1.167 | 2330 | 287 | .535 | .167 | .061 | -1.403 |
| 2330 | 188 | .540 | .078 | .151 | .899 | 2330 | 238 | .555 | .113 | .258 | -1.407 | 2330 | 288 | .436 | .132 | .043 | -.927 |
| 2330 | 189 | .517 | .069 | .259 | .754 | 2330 | 239 | .546 | .096 | .273 | -1.107 | 2330 | 289 | .402 | .133 | .053 | -.950 |
| 2330 | 190 | .514 | .076 | .186 | .754 | 2330 | 240 | .668 | .140 | .241 | -1.685 | 2330 | 290 | .389 | .127 | .017 | -.877 |
| 2330 | 191 | .542 | .077 | .261 | .891 | 2330 | 241 | .668 | .132 | .300 | -1.709 | 2330 | 291 | .416 | .142 | .160 | -.968 |
| 2330 | 192 | .558 | .076 | .271 | .944 | 2330 | 242 | .681 | .146 | .278 | -1.534 | 2330 | 292 | .487 | .151 | .040 | -1.291 |
| 2330 | 193 | .551 | .082 | .266 | .920 | 2330 | 243 | .688 | .130 | .359 | -1.593 | 2330 | 293 | .507 | .142 | .017 | -1.031 |
| 2330 | 194 | .564 | .080 | .291 | .949 | 2330 | 244 | .707 | .143 | .340 | -1.615 | 2330 | 294 | .463 | .143 | .087 | -1.130 |
| 2330 | 195 | .546 | .081 | .303 | .986 | 2330 | 245 | .727 | .174 | .345 | -2.259 | 2330 | 295 | .532 | .190 | .209 | -1.891 |
| 2330 | 196 | .533 | .072 | .264 | .878 | 2330 | 246 | .671 | .141 | .104 | -1.380 | 2330 | 296 | .575 | .156 | .064 | -1.468 |
| 2330 | 197 | .531 | .072 | .264 | .826 | 2330 | 247 | .667 | .158 | .137 | -1.625 | 2330 | 297 | .570 | .153 | .103 | -2.076 |
| 2330 | 198 | .513 | .068 | .283 | .787 | 2330 | 248 | .638 | .125 | .151 | -1.162 | 2330 | 298 | .715 | .187 | .259 | -1.714 |
| 2330 | 199 | .512 | .070 | .276 | .775 | 2330 | 249 | .594 | .115 | .164 | -.986 | 2330 | 299 | .781 | .245 | .269 | -2.224 |
| 2330 | 200 | .581 | .083 | .342 | .883 | 2330 | 250 | .577 | .115 | .065 | -1.031 | 2330 | 300 | .337 | .205 | .118 | -1.468 |
| 2330 | 201 | .581 | .083 | .330 | .932 | 2330 | 251 | .628 | .129 | .129 | -1.254 | 2330 | 301 | .299 | .173 | .082 | -1.301 |
| 2330 | 202 | .585 | .094 | .306 | -1.010 | 2330 | 252 | .660 | .172 | .146 | -1.794 | 2330 | 302 | .271 | .194 | .420 | -1.358 |
| 2330 | 203 | .609 | .109 | .291 | .669 | 2330 | 253 | .653 | .166 | .255 | -1.462 | 2330 | 303 | .365 | .184 | .170 | -1.314 |
| 2330 | 204 | .633 | .108 | .303 | -1.242 | 2330 | 254 | .753 | .237 | .243 | -2.113 | 2330 | 304 | .509 | .211 | .131 | -1.912 |
| 2330 | 205 | .644 | .121 | .366 | -1.355 | 2330 | 255 | .706 | .186 | .238 | -2.009 | 2330 | 305 | .419 | .205 | .305 | -1.782 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 230 | 306 | 403 | .217 | .160 | -1.584 | 230 | 403 | .497 | .061 | -260 | -727 | 230 | 433 | .521 | .150 | -.096 | -1.329 |
| 230 | 307 | 445 | .236 | .100 | -1.361 | 230 | 404 | .473 | .061 | -273 | -751 | 230 | 434 | .518 | .182 | .131 | -1.154 |
| 230 | 308 | 302 | .230 | .027 | -1.338 | 230 | 405 | .493 | .059 | -283 | -705 | 230 | 435 | .464 | .171 | .112 | -1.122 |
| 230 | 309 | 484 | .226 | .065 | -1.717 | 230 | 406 | .484 | .062 | -273 | -727 | 230 | 436 | .497 | .199 | .073 | -1.355 |
| 230 | 310 | 233 | .167 | .183 | -1.927 | 230 | 407 | .509 | .062 | -259 | -717 | 230 | 437 | .358 | .133 | .261 | -.864 |
| 230 | 311 | 276 | .179 | .256 | -1.933 | 230 | 408 | .505 | .060 | -278 | -719 | 230 | 438 | .357 | .131 | .144 | -.791 |
| 230 | 312 | 269 | .168 | .170 | -1.005 | 230 | 409 | .514 | .061 | -288 | -692 | 230 | 439 | .471 | .135 | -.104 | -1.169 |
| 230 | 313 | 263 | .142 | .212 | -1.932 | 230 | 410 | .526 | .072 | -246 | -769 | 230 | 460 | .438 | .134 | .096 | -1.261 |
| 230 | 314 | 259 | .188 | .368 | -1.369 | 230 | 411 | .535 | .072 | -291 | -801 | 230 | 461 | .435 | .215 | .240 | -1.237 |
| 230 | 315 | 444 | .167 | .196 | -1.127 | 230 | 412 | .530 | .070 | -249 | -936 | 230 | 462 | .679 | .194 | .151 | -1.441 |
| 230 | 316 | 423 | .198 | .243 | -1.202 | 230 | 413 | .560 | .090 | -254 | -897 | 230 | 463 | .660 | .161 | -.175 | -1.548 |
| 230 | 317 | 434 | .236 | .165 | -1.478 | 230 | 414 | .588 | .088 | -338 | -1.037 | 230 | 464 | .496 | .149 | .298 | -1.062 |
| 230 | 318 | 460 | .226 | .149 | -1.717 | 230 | 415 | .583 | .084 | -286 | -889 | 230 | 465 | .031 | .157 | .634 | -.572 |
| 230 | 319 | 504 | .230 | .020 | -1.699 | 230 | 416 | .619 | .101 | -304 | -996 | 230 | 466 | .126 | .168 | .506 | -.718 |
| 230 | 320 | 454 | .189 | .053 | -1.252 | 230 | 417 | .627 | .098 | -340 | -1.225 | 230 | 467 | .007 | .215 | .867 | -.723 |
| 230 | 321 | 415 | .228 | .027 | -1.449 | 230 | 418 | .614 | .105 | -309 | -1.152 | 230 | 501 | .314 | .074 | -.014 | -.625 |
| 230 | 322 | 222 | .146 | .251 | -1.799 | 230 | 419 | .668 | .133 | -266 | -1.702 | 230 | 502 | .088 | .089 | .207 | -.394 |
| 230 | 323 | 211 | .151 | .248 | -1.903 | 230 | 420 | .661 | .132 | -265 | -1.475 | 230 | 503 | .117 | .110 | .465 | -.267 |
| 230 | 324 | 214 | .133 | .339 | -1.838 | 230 | 421 | .671 | .125 | -257 | -1.576 | 230 | 504 | .228 | .132 | .698 | -.213 |
| 230 | 325 | 230 | .202 | .327 | -1.666 | 230 | 422 | .699 | .173 | -374 | -1.735 | 230 | 505 | .298 | .130 | .876 | -.151 |
| 230 | 326 | 320 | .167 | .385 | -1.061 | 230 | 423 | .690 | .172 | -317 | -1.558 | 230 | 506 | .173 | .120 | .584 | -.203 |
| 230 | 327 | 369 | .194 | .134 | -1.439 | 230 | 424 | .752 | .202 | -395 | -1.779 | 230 | 507 | .034 | .095 | .482 | -.426 |
| 230 | 328 | 452 | .257 | .230 | -1.695 | 230 | 425 | .716 | .202 | -270 | -2.125 | 230 | 508 | .179 | .076 | .095 | -.488 |
| 230 | 329 | 407 | .203 | .067 | -1.662 | 230 | 426 | .762 | .213 | -288 | -1.941 | 230 | 509 | .415 | .066 | -.193 | -.667 |
| 230 | 330 | 388 | .186 | .020 | -1.646 | 230 | 427 | .845 | .245 | -033 | -2.318 | 230 | 510 | .242 | .074 | .055 | -.513 |
| 230 | 331 | 424 | .222 | .015 | -1.224 | 230 | 428 | .095 | .124 | .292 | -690 | 230 | 511 | .022 | .092 | .303 | -.419 |
| 230 | 332 | 244 | .159 | .090 | -1.761 | 230 | 429 | .148 | .077 | .159 | -534 | 230 | 512 | .297 | .127 | .723 | -.171 |
| 230 | 333 | 233 | .154 | .240 | -1.790 | 230 | 430 | .216 | .066 | .011 | -518 | 230 | 513 | .535 | .151 | 1.035 | .025 |
| 230 | 334 | 206 | .145 | .279 | -1.833 | 230 | 431 | .249 | .079 | .060 | -617 | 230 | 514 | .612 | .160 | 1.177 | .149 |
| 230 | 335 | 212 | .136 | .364 | -1.766 | 230 | 432 | .222 | .060 | .011 | -526 | 230 | 515 | .439 | .153 | .951 | -.044 |
| 230 | 336 | 348 | .199 | .082 | -1.703 | 230 | 433 | .191 | .089 | .071 | -578 | 230 | 516 | .125 | .114 | .484 | -.242 |
| 230 | 337 | 474 | .205 | .207 | -1.486 | 230 | 434 | .185 | .110 | .167 | -602 | 230 | 517 | .187 | .072 | .130 | -.448 |
| 230 | 338 | 505 | .211 | .019 | -1.310 | 230 | 435 | .259 | .173 | .349 | -1.016 | 230 | 518 | .332 | .062 | -.148 | -.567 |
| 230 | 339 | 325 | .213 | .018 | -1.519 | 230 | 436 | .409 | .162 | .040 | -1.321 | 230 | 519 | .266 | .070 | .028 | -.518 |
| 230 | 340 | 335 | .133 | .248 | -1.774 | 230 | 437 | .505 | .198 | -.088 | -1.355 | 230 | 520 | .060 | .088 | .256 | -.369 |
| 230 | 341 | 344 | .138 | .198 | -1.847 | 230 | 438 | .572 | .193 | .072 | -1.558 | 230 | 521 | .278 | .133 | .713 | -.126 |
| 230 | 342 | 300 | .126 | .089 | -1.837 | 230 | 439 | .127 | .196 | .464 | -678 | 230 | 522 | .534 | .152 | 1.020 | .018 |
| 230 | 343 | 349 | .132 | .143 | -1.833 | 230 | 440 | .154 | .203 | .410 | -931 | 230 | 523 | .648 | .152 | 1.117 | .192 |
| 230 | 344 | 364 | .106 | .000 | -1.826 | 230 | 441 | .046 | .125 | .477 | -662 | 230 | 524 | .451 | .144 | .936 | -.086 |
| 230 | 345 | 380 | .114 | .039 | -1.822 | 230 | 442 | .002 | .091 | .329 | -547 | 230 | 525 | .103 | .105 | .440 | -.265 |
| 230 | 346 | 347 | .114 | .167 | -1.862 | 230 | 443 | .166 | .067 | .104 | -409 | 230 | 526 | .255 | .080 | .016 | -.550 |
| 230 | 347 | 333 | .120 | .214 | -1.925 | 230 | 444 | .232 | .066 | .110 | -459 | 230 | 527 | .509 | .073 | -.266 | -.756 |
| 230 | 348 | 333 | .133 | .086 | -1.829 | 230 | 445 | .195 | .081 | .058 | -498 | 230 | 528 | .478 | .079 | -.225 | -.756 |
| 230 | 349 | 329 | .126 | .274 | -1.868 | 230 | 446 | .200 | .105 | .123 | -581 | 230 | 529 | .057 | .094 | .328 | -.337 |
| 230 | 350 | 328 | .143 | .128 | -1.864 | 230 | 447 | .268 | .167 | .219 | -899 | 230 | 530 | .244 | .128 | .636 | -.111 |
| 230 | 351 | 333 | .137 | .078 | -1.852 | 230 | 448 | .447 | .126 | -.081 | -1.074 | 230 | 531 | .534 | .159 | 1.030 | .127 |
| 230 | 352 | 333 | .128 | .011 | -1.899 | 230 | 449 | .508 | .118 | -.049 | -889 | 230 | 532 | .627 | .160 | 1.134 | .162 |
| 230 | 353 | 358 | .128 | .024 | -1.847 | 230 | 450 | .431 | .157 | .185 | -1.783 | 230 | 533 | .415 | .141 | .832 | -.032 |
| 230 | 401 | 478 | .067 | -.238 | -1.726 | 230 | 451 | .543 | .169 | .102 | -1.527 | 230 | 534 | .073 | .114 | .541 | -.238 |
| 230 | 402 | 482 | .064 | -.295 | -1.751 | 230 | 452 | .535 | .189 | .180 | -1.449 | 230 | 535 | .289 | .081 | .645 | -.592 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|--------|------|-----|--------|-------|-------|--------|
| 2330 | 536 | .533 | .075 | .270 | .783 | 2330 | 586 | .445 | .107 | .098 | -1.053 | 2330 | 717 | .556 | .103 | .263 | -1.160 |
| 2330 | 537 | .468 | .086 | .196 | .830 | 2330 | 587 | .077 | .053 | .292 | -1.088 | 2330 | 718 | .542 | .098 | .168 | -1.327 |
| 2330 | 538 | .082 | .086 | .251 | .418 | 2330 | 588 | .137 | .091 | .534 | -1.129 | 2330 | 719 | .605 | .142 | .262 | -1.858 |
| 2330 | 539 | .204 | .128 | .651 | .171 | 2330 | 589 | .096 | .084 | .475 | -1.134 | 2330 | 720 | .592 | .147 | .272 | -1.664 |
| 2330 | 540 | .441 | .154 | .911 | .030 | 2330 | 590 | .096 | .062 | .467 | -1.088 | 2330 | 721 | .559 | .129 | .207 | -1.351 |
| 2330 | 541 | .553 | .149 | 1.062 | .179 | 2330 | 591 | .117 | .054 | .337 | -1.033 | 2330 | 722 | .699 | .224 | .293 | -2.096 |
| 2330 | 542 | .377 | .140 | .859 | .006 | 2330 | 592 | .494 | .112 | .189 | -1.998 | 2330 | 723 | .686 | .208 | .223 | -1.915 |
| 2330 | 543 | .063 | .109 | .514 | .235 | 2330 | 593 | .219 | .065 | .025 | -1.546 | 2330 | 724 | .666 | .195 | .220 | -1.545 |
| 2330 | 544 | .284 | .087 | .028 | .791 | 2330 | 594 | .008 | .067 | .298 | -1.252 | 2330 | 725 | .747 | .225 | .176 | -2.070 |
| 2330 | 545 | .476 | .085 | .198 | .791 | 2330 | 595 | .016 | .084 | .269 | -1.400 | 2330 | 726 | .690 | .191 | .298 | -2.006 |
| 2330 | 546 | .283 | .089 | .013 | .647 | 2330 | 596 | .081 | .065 | .329 | -1.262 | 2330 | 727 | .694 | .190 | .316 | -1.827 |
| 2330 | 547 | .126 | .095 | .250 | .507 | 2330 | 597 | .066 | .050 | .243 | -1.137 | 2330 | 728 | .341 | .142 | .021 | -1.041 |
| 2330 | 548 | .163 | .124 | .746 | .216 | 2330 | 598 | .056 | .050 | .050 | -1.369 | 2330 | 729 | .279 | .111 | .068 | .715 |
| 2330 | 549 | .388 | .133 | .891 | .021 | 2330 | 599 | .271 | .076 | .061 | -1.614 | 2330 | 730 | .268 | .088 | .039 | .564 |
| 2330 | 550 | .462 | .149 | 1.115 | .068 | 2330 | 600 | .133 | .083 | .521 | -1.142 | 2330 | 731 | .244 | .084 | .104 | .611 |
| 2330 | 551 | .347 | .132 | .836 | .029 | 2330 | 601 | .139 | .070 | .430 | -1.033 | 2330 | 732 | .224 | .123 | .146 | .697 |
| 2330 | 552 | .048 | .105 | .437 | .253 | 2330 | 602 | .134 | .067 | .419 | -1.050 | 2330 | 733 | .246 | .176 | .188 | .927 |
| 2330 | 553 | .280 | .083 | .096 | .607 | 2330 | 603 | .218 | .093 | .697 | -1.016 | 2330 | 734 | .311 | .241 | .363 | -1.449 |
| 2330 | 554 | .485 | .091 | .116 | .908 | 2330 | 604 | .160 | .065 | .429 | -1.006 | 2330 | 735 | .387 | .189 | .008 | -1.167 |
| 2330 | 555 | .360 | .112 | .624 | .806 | 2330 | 605 | .163 | .064 | .437 | -1.002 | 2330 | 736 | .442 | .226 | .008 | -1.342 |
| 2330 | 556 | .159 | .095 | .223 | .437 | 2330 | 606 | .188 | .067 | .481 | -1.028 | 2330 | 737 | .327 | .130 | .029 | .856 |
| 2330 | 557 | .085 | .104 | .552 | .233 | 2330 | 607 | .328 | .084 | .067 | -1.694 | 2330 | 738 | .285 | .091 | .029 | .707 |
| 2330 | 558 | .304 | .128 | .791 | .086 | 2330 | 608 | .231 | .099 | .082 | -1.577 | 2330 | 739 | .203 | .066 | .076 | .428 |
| 2330 | 559 | .400 | .140 | .886 | .081 | 2330 | 609 | .264 | .137 | .248 | -1.756 | 2330 | 740 | .094 | .087 | .392 | .358 |
| 2330 | 560 | .294 | .134 | .821 | .069 | 2330 | 610 | .151 | .073 | .351 | -1.065 | 2330 | 741 | .022 | .110 | .499 | .350 |
| 2330 | 561 | .051 | .111 | .534 | .325 | 2330 | 611 | .145 | .069 | .447 | -1.034 | 2330 | 742 | .093 | .134 | .681 | .444 |
| 2330 | 562 | .257 | .088 | .649 | .589 | 2330 | 612 | .249 | .113 | .729 | -1.003 | 2330 | 743 | .046 | .192 | .613 | .753 |
| 2330 | 563 | .414 | .096 | .689 | .764 | 2330 | 613 | .170 | .076 | .470 | -1.000 | 2330 | 744 | .220 | .238 | .349 | -1.131 |
| 2330 | 564 | .450 | .121 | .661 | .013 | 2330 | 614 | .280 | .104 | .737 | -1.038 | 2330 | 745 | .661 | .178 | .182 | -1.674 |
| 2330 | 565 | .234 | .103 | .235 | .599 | 2330 | 615 | .179 | .070 | .470 | -1.008 | 2330 | 746 | .738 | .211 | .158 | -1.651 |
| 2330 | 566 | .022 | .093 | .356 | .303 | 2330 | 616 | .174 | .072 | .538 | -1.052 | 2330 | 747 | .682 | .212 | .044 | -1.892 |
| 2330 | 567 | .149 | .094 | .546 | .089 | 2330 | 617 | .034 | .073 | .274 | -1.308 | 2330 | 748 | .666 | .289 | .110 | -2.302 |
| 2330 | 568 | .276 | .109 | .764 | .004 | 2330 | 618 | .076 | .066 | .160 | -1.407 | 2330 | 749 | .623 | .247 | .018 | -1.879 |
| 2330 | 569 | .224 | .123 | .761 | .071 | 2330 | 619 | .143 | .072 | .166 | -1.471 | 2330 | 750 | .641 | .187 | .154 | -1.527 |
| 2330 | 570 | .065 | .098 | .425 | .253 | 2330 | 701 | .501 | .073 | .284 | -1.791 | 2330 | 751 | .427 | .113 | .096 | .825 |
| 2330 | 571 | .206 | .091 | .691 | .682 | 2330 | 702 | .511 | .071 | .266 | -1.791 | 2330 | 752 | .447 | .126 | .005 | .840 |
| 2330 | 572 | .430 | .112 | .076 | .991 | 2330 | 703 | .510 | .071 | .278 | -1.766 | 2330 | 753 | .587 | .250 | .039 | -1.780 |
| 2330 | 573 | .056 | .051 | .235 | .098 | 2330 | 704 | .499 | .065 | .290 | -1.724 | 2330 | 754 | .591 | .217 | .059 | -2.014 |
| 2330 | 574 | .112 | .055 | .404 | .043 | 2330 | 705 | .500 | .067 | .293 | -1.769 | 2330 | 755 | .574 | .275 | .118 | -1.751 |
| 2330 | 575 | .144 | .078 | .490 | .041 | 2330 | 706 | .482 | .069 | .263 | -1.724 | 2330 | 756 | .502 | .192 | .151 | -1.240 |
| 2330 | 576 | .495 | .112 | .212 | .064 | 2330 | 707 | .511 | .062 | .330 | -1.736 | 2330 | 757 | .602 | .266 | .110 | -1.610 |
| 2330 | 577 | .278 | .075 | .634 | .660 | 2330 | 708 | .503 | .065 | .315 | -1.754 | 2330 | 758 | .485 | .138 | .086 | -1.044 |
| 2330 | 578 | .081 | .057 | .132 | .291 | 2330 | 709 | .495 | .061 | .280 | -1.694 | 2330 | 759 | .546 | .154 | .087 | -1.205 |
| 2330 | 579 | .049 | .050 | .331 | .155 | 2330 | 710 | .522 | .066 | .318 | -1.801 | 2330 | 760 | .336 | .113 | .032 | .694 |
| 2330 | 580 | .002 | .067 | .259 | .205 | 2330 | 711 | .515 | .068 | .273 | -1.766 | 2330 | 761 | .348 | .116 | .012 | .782 |
| 2330 | 581 | .017 | .057 | .279 | .189 | 2330 | 712 | .510 | .067 | .258 | -1.819 | 2330 | 762 | .384 | .211 | .776 | -1.210 |
| 2330 | 582 | .055 | .053 | .285 | .166 | 2330 | 713 | .538 | .076 | .273 | -1.931 | 2330 | 763 | .388 | .155 | .100 | .348 |
| 2330 | 583 | .117 | .052 | .384 | .012 | 2330 | 714 | .537 | .082 | .278 | -1.011 | 2330 | 764 | .385 | .214 | .154 | -1.096 |
| 2330 | 584 | .020 | .056 | .240 | .184 | 2330 | 715 | .526 | .081 | .191 | -1.140 | 2330 | 765 | .085 | .189 | .794 | .764 |
| 2330 | 585 | .150 | .068 | .168 | .457 | 2330 | 716 | .572 | .109 | .198 | -1.481 | 2330 | 766 | .068 | .212 | .824 | .777 |

| WD | TAP | CPMEAN | CPRMS | CPHAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPHAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPHAX | CPMIN |
|------|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 2330 | 767 | .095 | .178 | .426 | -.648 | 230 | 945 | -.390 | .159 | .040 | -.961 | 240 | 141 | -.436 | .062 | -.209 | -.673 |
| 2330 | 801 | .137 | .053 | .382 | -.041 | 230 | 946 | -.493 | .211 | .047 | -1.612 | 240 | 142 | -.440 | .063 | -.249 | -.715 |
| 2330 | 802 | .134 | .054 | .356 | -.007 | 230 | 947 | -.324 | .144 | .099 | -.917 | 240 | 143 | -.441 | .068 | -.189 | -.710 |
| 2330 | 803 | .046 | .039 | .187 | -.074 | 230 | 948 | -.276 | .129 | .146 | -.842 | 240 | 144 | -.451 | .072 | -.185 | -.763 |
| 2330 | 804 | .082 | .062 | .328 | -.090 | 230 | 949 | -.393 | .184 | .086 | -1.592 | 240 | 145 | -.460 | .075 | -.162 | -.785 |
| 2330 | 805 | .057 | .069 | .343 | -.142 | 230 | 950 | -.396 | .181 | .128 | -1.423 | 240 | 146 | -.479 | .078 | -.242 | -.932 |
| 2330 | 901 | .528 | .099 | .195 | -1.338 | 230 | 951 | -.464 | .235 | .159 | -1.338 | 240 | 147 | -.481 | .083 | -.222 | -.930 |
| 2330 | 902 | .513 | .082 | .288 | -.912 | 230 | 952 | -.454 | .215 | .024 | -1.999 | 240 | 148 | -.488 | .082 | -.261 | -.927 |
| 2330 | 903 | .507 | .082 | .236 | -.958 | 230 | 953 | -.472 | .211 | .146 | -1.363 | 240 | 149 | -.466 | .082 | -.167 | -1.020 |
| 2330 | 904 | .531 | .078 | .298 | -1.010 | 230 | 954 | -.443 | .208 | .110 | -1.428 | 240 | 150 | -.455 | .075 | -.209 | -.780 |
| 2330 | 905 | .539 | .101 | .249 | -1.345 | 240 | 101 | -.431 | .051 | -.262 | -.616 | 240 | 151 | -.459 | .069 | -.206 | -.812 |
| 2330 | 906 | .551 | .107 | .237 | -1.133 | 240 | 102 | -.451 | .078 | -.035 | -.800 | 240 | 152 | -.476 | .083 | -.217 | -.932 |
| 2330 | 907 | .535 | .097 | .219 | -1.057 | 240 | 103 | -.440 | .081 | -.160 | -.627 | 240 | 153 | -.490 | .089 | -.272 | -1.112 |
| 2330 | 908 | .538 | .097 | .269 | -1.180 | 240 | 104 | -.443 | .091 | -.157 | -.900 | 240 | 154 | -.484 | .092 | -.199 | -.995 |
| 2330 | 909 | .545 | .097 | .306 | -1.123 | 240 | 105 | -.463 | .089 | -.194 | -.960 | 240 | 155 | -.481 | .088 | -.192 | -.907 |
| 2330 | 910 | .544 | .110 | .207 | -1.222 | 240 | 106 | -.473 | .114 | -.180 | -1.084 | 240 | 156 | -.474 | .067 | -.287 | -.860 |
| 2330 | 911 | .546 | .115 | .160 | -1.535 | 240 | 107 | -.483 | .108 | -.150 | -1.027 | 240 | 157 | -.463 | .060 | -.305 | -.747 |
| 2330 | 912 | .545 | .113 | .193 | -1.535 | 240 | 108 | -.467 | .091 | -.194 | -1.206 | 240 | 158 | -.455 | .068 | -.234 | -.790 |
| 2330 | 913 | .672 | .161 | .098 | -1.633 | 240 | 109 | -.454 | .083 | -.152 | -.852 | 240 | 159 | -.452 | .069 | -.234 | -.702 |
| 2330 | 914 | .774 | .210 | .103 | -1.727 | 240 | 110 | -.464 | .085 | -.167 | -.930 | 240 | 160 | -.455 | .058 | -.285 | -.667 |
| 2330 | 915 | .539 | .104 | .170 | -1.096 | 240 | 111 | -.461 | .086 | -.142 | -.837 | 240 | 161 | -.444 | .060 | -.242 | -.702 |
| 2330 | 916 | .543 | .104 | .165 | -1.146 | 240 | 112 | -.458 | .081 | -.162 | -.813 | 240 | 162 | -.451 | .060 | -.234 | -.692 |
| 2330 | 917 | .744 | .256 | .259 | -2.686 | 240 | 113 | -.460 | .091 | -.167 | -.979 | 240 | 163 | -.464 | .061 | -.249 | -.700 |
| 2330 | 918 | .696 | .194 | .144 | -1.563 | 240 | 114 | -.491 | .101 | -.229 | -1.184 | 240 | 164 | -.478 | .062 | -.269 | -.745 |
| 2330 | 919 | .696 | .088 | .237 | -.882 | 240 | 115 | -.485 | .100 | -.132 | -1.231 | 240 | 165 | -.483 | .072 | -.234 | -1.032 |
| 2330 | 920 | .649 | .150 | .165 | -1.522 | 240 | 116 | -.481 | .095 | -.197 | -1.159 | 240 | 166 | -.486 | .090 | -.237 | -1.165 |
| 2330 | 921 | .533 | .114 | .195 | -1.153 | 240 | 117 | -.475 | .088 | -.214 | -1.067 | 240 | 167 | -.484 | .078 | -.177 | -.942 |
| 2330 | 922 | .540 | .122 | .163 | -1.298 | 240 | 118 | -.470 | .070 | -.237 | -.810 | 240 | 168 | -.478 | .068 | -.252 | -.757 |
| 2330 | 923 | .548 | .112 | .143 | -1.217 | 240 | 119 | -.470 | .070 | -.175 | -.793 | 240 | 169 | -.472 | .070 | -.232 | -.827 |
| 2330 | 924 | .552 | .121 | .128 | -1.473 | 240 | 120 | -.443 | .084 | -.157 | -1.049 | 240 | 170 | -.458 | .067 | -.187 | -.727 |
| 2330 | 925 | .626 | .163 | .113 | -2.502 | 240 | 121 | -.458 | .083 | -.202 | -.862 | 240 | 171 | -.496 | .079 | -.252 | -1.065 |
| 2330 | 926 | .529 | .147 | .061 | -1.568 | 240 | 122 | -.459 | .087 | -.199 | -.977 | 240 | 172 | -.520 | .097 | -.249 | -1.187 |
| 2330 | 927 | .510 | .083 | .239 | -.914 | 240 | 123 | -.492 | .095 | -.165 | -.975 | 240 | 173 | -.508 | .092 | -.264 | -.957 |
| 2330 | 928 | .513 | .086 | .207 | -1.109 | 240 | 124 | -.466 | .083 | -.160 | -.882 | 240 | 174 | -.520 | .087 | -.292 | -1.110 |
| 2330 | 929 | .513 | .090 | .231 | -1.989 | 240 | 125 | -.465 | .082 | -.197 | -.840 | 240 | 175 | -.505 | .085 | -.259 | -.957 |
| 2330 | 930 | .578 | .186 | .085 | -1.872 | 240 | 126 | -.469 | .084 | -.204 | -.830 | 240 | 176 | -.493 | .080 | -.267 | -.977 |
| 2330 | 931 | .623 | .233 | .119 | -1.965 | 240 | 127 | -.479 | .094 | -.177 | -1.022 | 240 | 177 | -.490 | .072 | -.254 | -.842 |
| 2330 | 932 | .586 | .208 | .069 | -2.510 | 240 | 128 | -.487 | .092 | -.207 | -.989 | 240 | 178 | -.477 | .069 | -.244 | -.867 |
| 2330 | 933 | .674 | .220 | .093 | -1.641 | 240 | 129 | -.477 | .094 | -.187 | -1.034 | 240 | 179 | -.478 | .069 | -.264 | -.937 |
| 2330 | 934 | .518 | .140 | .046 | -1.042 | 240 | 130 | -.446 | .074 | -.185 | -.852 | 240 | 180 | -.470 | .072 | -.249 | -.740 |
| 2330 | 935 | .576 | .182 | .051 | -1.789 | 240 | 131 | -.467 | .079 | -.209 | -.788 | 240 | 181 | -.462 | .064 | -.239 | -.767 |
| 2330 | 936 | .652 | .257 | .051 | -2.134 | 240 | 132 | -.477 | .092 | -.175 | -1.127 | 240 | 182 | -.468 | .072 | -.227 | -.767 |
| 2330 | 937 | .516 | .187 | .167 | -1.662 | 240 | 133 | -.488 | .097 | -.202 | -1.171 | 240 | 183 | -.497 | .073 | -.254 | -.777 |
| 2330 | 938 | .535 | .201 | .156 | -1.483 | 240 | 134 | -.478 | .094 | -.117 | -1.032 | 240 | 184 | -.512 | .082 | -.222 | -1.020 |
| 2330 | 939 | .514 | .215 | .221 | -1.690 | 240 | 135 | -.471 | .083 | -.175 | -1.014 | 240 | 185 | -.511 | .093 | -.102 | -.997 |
| 2330 | 940 | .490 | .195 | .123 | -1.506 | 240 | 136 | -.470 | .090 | -.112 | -.988 | 240 | 186 | -.538 | .101 | -.189 | -1.135 |
| 2330 | 941 | .359 | .156 | .094 | -1.954 | 240 | 137 | -.491 | .063 | -.303 | -.787 | 240 | 187 | -.527 | .090 | -.094 | -.947 |
| 2330 | 942 | .440 | .162 | .133 | -1.117 | 240 | 138 | -.506 | .093 | -.170 | -1.391 | 240 | 188 | -.519 | .086 | -.184 | -1.235 |
| 2330 | 943 | .465 | .228 | .213 | -2.100 | 240 | 139 | -.486 | .094 | -.274 | -1.129 | 240 | 189 | -.495 | .086 | -.179 | -.880 |
| 2330 | 944 | .438 | .253 | .089 | -1.817 | 240 | 140 | -.450 | .066 | -.239 | -.665 | 240 | 190 | -.485 | .084 | -.199 | -.882 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 240 | 191 | .523 | .094 | .219 | -1.120 | 240 | 241 | .580 | .164 | .151 | -1.827 | 240 | 291 | .331 | .122 | .030 | -.834 |
| 240 | 192 | .564 | .115 | .242 | -1.237 | 240 | 242 | .618 | .161 | .255 | -1.413 | 240 | 292 | .373 | .141 | .030 | -.999 |
| 240 | 193 | .569 | .110 | .254 | -1.156 | 240 | 243 | .641 | .156 | .215 | -1.475 | 240 | 293 | .343 | .121 | .013 | -.875 |
| 240 | 194 | .556 | .110 | .278 | -1.040 | 240 | 244 | .634 | .155 | .228 | -1.398 | 240 | 294 | .317 | .108 | .113 | -.731 |
| 240 | 195 | .563 | .121 | .268 | -1.387 | 240 | 245 | .671 | .188 | .203 | -1.740 | 240 | 295 | .324 | .117 | .056 | -1.069 |
| 240 | 196 | .537 | .097 | .239 | -1.131 | 240 | 246 | .600 | .152 | .171 | -1.252 | 240 | 296 | .429 | .129 | .007 | -1.389 |
| 240 | 197 | .526 | .087 | .290 | -1.966 | 240 | 247 | .600 | .152 | .075 | -1.400 | 240 | 297 | .771 | .210 | .050 | -1.518 |
| 240 | 198 | .504 | .081 | .281 | -1.831 | 240 | 248 | .604 | .164 | .168 | -1.379 | 240 | 298 | .673 | .214 | .117 | -1.693 |
| 240 | 199 | .504 | .085 | .241 | -1.903 | 240 | 249 | .560 | .146 | .086 | -1.341 | 240 | 299 | .673 | .260 | .010 | -1.913 |
| 240 | 200 | .482 | .086 | .197 | -1.834 | 240 | 250 | .556 | .140 | .669 | -1.266 | 240 | 300 | .197 | .138 | .237 | -1.022 |
| 240 | 201 | .485 | .085 | .195 | -1.907 | 240 | 251 | .635 | .182 | .109 | -1.462 | 240 | 301 | .197 | .104 | .116 | -1.932 |
| 240 | 202 | .500 | .086 | .226 | -1.925 | 240 | 252 | .739 | .238 | .158 | -2.032 | 240 | 302 | .195 | .129 | .219 | -1.170 |
| 240 | 203 | .532 | .094 | .251 | -1.925 | 240 | 253 | .736 | .239 | .186 | -1.817 | 240 | 303 | .251 | .139 | .438 | -.850 |
| 240 | 204 | .549 | .102 | .256 | -1.038 | 240 | 254 | .804 | .249 | .091 | -2.067 | 240 | 304 | .326 | .165 | .361 | -.927 |
| 240 | 205 | .571 | .112 | .236 | -1.153 | 240 | 255 | .765 | .204 | .099 | -1.822 | 240 | 305 | .346 | .174 | .067 | -1.696 |
| 240 | 206 | .565 | .117 | .177 | -1.134 | 240 | 256 | .766 | .181 | .220 | -1.594 | 240 | 306 | .303 | .164 | .079 | -.994 |
| 240 | 207 | .558 | .102 | .249 | -1.269 | 240 | 257 | .728 | .197 | .235 | -1.339 | 240 | 307 | .311 | .158 | .072 | -1.358 |
| 240 | 208 | .562 | .104 | .224 | -1.166 | 240 | 258 | .696 | .178 | .215 | -1.586 | 240 | 308 | .321 | .156 | .030 | -1.046 |
| 240 | 209 | .526 | .102 | .224 | -1.021 | 240 | 259 | .697 | .182 | .158 | -1.594 | 240 | 309 | .333 | .159 | .043 | -1.097 |
| 240 | 210 | .514 | .091 | .204 | -1.932 | 240 | 260 | .665 | .210 | .203 | -1.533 | 240 | 310 | .159 | .120 | .183 | -.881 |
| 240 | 211 | .566 | .109 | .256 | -1.038 | 240 | 261 | .676 | .220 | .158 | -1.675 | 240 | 311 | .168 | .128 | .224 | -.986 |
| 240 | 212 | .631 | .169 | .241 | -1.434 | 240 | 262 | .696 | .217 | .223 | -1.082 | 240 | 312 | .177 | .119 | .152 | -.811 |
| 240 | 213 | .609 | .149 | .246 | -1.593 | 240 | 263 | .685 | .216 | .081 | -1.814 | 240 | 313 | .220 | .144 | .183 | -1.283 |
| 240 | 214 | .618 | .097 | .401 | -1.107 | 240 | 264 | .641 | .192 | .033 | -1.512 | 240 | 314 | .188 | .126 | .206 | -.999 |
| 240 | 215 | .616 | .147 | .310 | -1.303 | 240 | 265 | .631 | .243 | .040 | -2.092 | 240 | 315 | .293 | .138 | .193 | -.839 |
| 240 | 216 | .590 | .123 | .263 | -1.273 | 240 | 266 | .559 | .185 | .214 | -1.388 | 240 | 316 | .354 | .153 | .082 | -1.175 |
| 240 | 217 | .559 | .122 | .187 | -1.119 | 240 | 267 | .526 | .197 | .176 | -1.423 | 240 | 317 | .255 | .158 | .188 | -1.203 |
| 240 | 218 | .554 | .112 | .268 | -1.616 | 240 | 268 | .563 | .179 | .107 | -1.316 | 240 | 318 | .265 | .131 | .092 | -.930 |
| 240 | 219 | .540 | .107 | .219 | -1.033 | 240 | 269 | .506 | .176 | .038 | -1.130 | 240 | 319 | .342 | .146 | .024 | -.973 |
| 240 | 220 | .519 | .119 | .180 | -1.310 | 240 | 270 | .486 | .173 | .109 | -1.056 | 240 | 320 | .273 | .131 | .095 | -.826 |
| 240 | 221 | .527 | .123 | .204 | -1.268 | 240 | 271 | .587 | .183 | .109 | -1.271 | 240 | 321 | .278 | .129 | .108 | -.893 |
| 240 | 222 | .550 | .110 | .287 | -1.283 | 240 | 272 | .622 | .189 | .084 | -1.400 | 240 | 322 | .149 | .119 | .165 | -.909 |
| 240 | 223 | .587 | .115 | .216 | -1.160 | 240 | 273 | .659 | .182 | .012 | -1.467 | 240 | 323 | .177 | .129 | .196 | -1.113 |
| 240 | 224 | .590 | .127 | .209 | -1.185 | 240 | 274 | .671 | .198 | .656 | -1.163 | 240 | 324 | .184 | .119 | .201 | -1.133 |
| 240 | 225 | .623 | .154 | .168 | -1.490 | 240 | 275 | .665 | .193 | .020 | -1.465 | 240 | 325 | .163 | .133 | .423 | -.882 |
| 240 | 226 | .603 | .138 | .101 | -1.284 | 240 | 276 | .701 | .191 | .045 | -1.547 | 240 | 326 | .218 | .136 | .354 | -.874 |
| 240 | 227 | .592 | .125 | .182 | -1.188 | 240 | 277 | .745 | .198 | .235 | -1.837 | 240 | 327 | .293 | .154 | .182 | -.931 |
| 240 | 228 | .586 | .122 | .086 | -1.065 | 240 | 278 | .770 | .223 | .209 | -2.095 | 240 | 328 | .250 | .164 | .172 | -1.198 |
| 240 | 229 | .551 | .115 | .212 | -1.119 | 240 | 279 | .804 | .233 | .241 | -1.874 | 240 | 329 | .217 | .098 | .164 | -.681 |
| 240 | 230 | .540 | .113 | .170 | -1.102 | 240 | 280 | .750 | .249 | .008 | -2.019 | 240 | 330 | .238 | .112 | .094 | -.918 |
| 240 | 231 | .619 | .150 | .158 | -1.271 | 240 | 281 | .618 | .185 | .033 | -1.441 | 240 | 331 | .246 | .122 | .066 | -.961 |
| 240 | 232 | .704 | .191 | .270 | -1.847 | 240 | 282 | .683 | .213 | .121 | -1.474 | 240 | 332 | .173 | .123 | .133 | -.979 |
| 240 | 233 | .690 | .179 | .208 | -1.804 | 240 | 283 | .553 | .217 | .092 | -1.970 | 240 | 333 | .140 | .108 | .190 | -.710 |
| 240 | 234 | .701 | .193 | .050 | -1.742 | 240 | 284 | .499 | .189 | .090 | -1.830 | 240 | 334 | .151 | .114 | .179 | -.884 |
| 240 | 235 | .678 | .175 | .124 | -1.678 | 240 | 285 | .405 | .157 | .141 | -1.051 | 240 | 335 | .162 | .110 | .246 | -1.162 |
| 240 | 236 | .663 | .165 | .171 | -1.549 | 240 | 286 | .379 | .142 | .054 | -1.961 | 240 | 336 | .186 | .096 | .200 | -.676 |
| 240 | 237 | .624 | .155 | .213 | -1.343 | 240 | 287 | .388 | .151 | .079 | -1.030 | 240 | 337 | .222 | .106 | .102 | -.733 |
| 240 | 238 | .612 | .153 | .255 | -1.090 | 240 | 288 | .340 | .123 | .059 | -1.770 | 240 | 338 | .299 | .134 | .107 | -.825 |
| 240 | 239 | .588 | .140 | .252 | -1.128 | 240 | 289 | .319 | .118 | .001 | -1.762 | 240 | 339 | .278 | .135 | .059 | -.895 |
| 240 | 240 | .559 | .160 | .124 | -1.099 | 240 | 290 | .337 | .126 | .007 | -.945 | 240 | 340 | .257 | .109 | .113 | -.633 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 240 | 341 | .265 | .102 | .261 | -.607 | 240 | 438 | -.609 | .212 | -.061 | -1.457 | 240 | 521 | .465 | .141 | .877 | .070 |
| 240 | 342 | -.243 | .161 | .087 | -.615 | 240 | 439 | -.209 | .218 | .464 | -.915 | 240 | 522 | .650 | .163 | 1.116 | .198 |
| 240 | 343 | -.228 | .098 | .145 | -.671 | 240 | 440 | -.246 | .219 | .358 | -1.016 | 240 | 523 | .570 | .159 | 1.005 | .114 |
| 240 | 344 | -.285 | .100 | -.024 | -.683 | 240 | 441 | -.015 | .135 | .481 | -.646 | 240 | 524 | -.290 | .123 | .670 | -.103 |
| 240 | 345 | -.282 | .102 | .056 | -.696 | 240 | 442 | -.019 | .113 | .523 | -.535 | 240 | 525 | -.080 | .093 | .304 | -.352 |
| 240 | 346 | -.257 | .107 | .165 | -.721 | 240 | 443 | -.164 | .087 | .263 | -.649 | 240 | 526 | -.352 | .069 | -.105 | -.562 |
| 240 | 347 | -.236 | .111 | .437 | -.670 | 240 | 444 | -.214 | .074 | .079 | -.517 | 240 | 527 | -.499 | .068 | -.266 | -.737 |
| 240 | 348 | -.232 | .089 | .059 | -.605 | 240 | 445 | -.154 | .080 | .144 | -.530 | 240 | 528 | -.350 | .088 | -.031 | -.663 |
| 240 | 349 | -.226 | .101 | .188 | -.690 | 240 | 446 | -.162 | .094 | .134 | -.579 | 240 | 529 | -.104 | .114 | .524 | .308 |
| 240 | 350 | -.260 | .104 | .201 | -.779 | 240 | 447 | -.169 | .132 | -.168 | -1.271 | 240 | 530 | .416 | .134 | .887 | -.002 |
| 240 | 351 | -.283 | .104 | -.006 | -.680 | 240 | 448 | -.303 | .101 | -.011 | -.846 | 240 | 531 | .582 | .168 | 1.062 | .102 |
| 240 | 352 | -.280 | .099 | .016 | -.799 | 240 | 449 | -.293 | .097 | -.061 | -.721 | 240 | 532 | .530 | .152 | 1.015 | .117 |
| 240 | 353 | -.271 | .097 | .028 | -.763 | 240 | 450 | -.446 | .186 | -.004 | -1.525 | 240 | 533 | .255 | .126 | .754 | -.118 |
| 240 | 401 | -.430 | .071 | -.175 | .715 | 240 | 451 | -.509 | .260 | -.061 | -2.059 | 240 | 534 | -.096 | .088 | .297 | -.360 |
| 240 | 402 | -.441 | .074 | -.215 | .671 | 240 | 452 | -.534 | .271 | -.022 | -1.973 | 240 | 535 | -.375 | .071 | -.024 | -.678 |
| 240 | 403 | -.444 | .064 | -.198 | .701 | 240 | 453 | -.417 | .160 | -.022 | -1.230 | 240 | 536 | -.521 | .076 | -.281 | -.787 |
| 240 | 404 | -.422 | .064 | -.234 | -.670 | 240 | 454 | -.427 | .195 | -.015 | -1.743 | 240 | 537 | -.352 | .102 | .040 | -.816 |
| 240 | 405 | -.435 | .062 | -.204 | -.653 | 240 | 455 | -.372 | .171 | -.066 | -1.384 | 240 | 538 | -.056 | .116 | .490 | -.340 |
| 240 | 406 | -.440 | .065 | -.211 | .717 | 240 | 456 | -.417 | .212 | -.059 | -1.570 | 240 | 539 | .373 | .135 | .877 | .023 |
| 240 | 407 | -.443 | .062 | -.243 | -.660 | 240 | 457 | -.277 | .102 | .020 | -.662 | 240 | 540 | .548 | .153 | 1.092 | .048 |
| 240 | 408 | -.443 | .059 | -.214 | -.645 | 240 | 458 | -.273 | .102 | -.083 | -.784 | 240 | 541 | -.479 | .151 | 1.124 | .082 |
| 240 | 409 | -.444 | .056 | -.265 | -.648 | 240 | 459 | -.392 | .145 | -.078 | -1.005 | 240 | 542 | -.219 | .119 | .687 | -.105 |
| 240 | 410 | -.464 | .070 | -.226 | .709 | 240 | 460 | -.368 | .131 | -.013 | -1.264 | 240 | 543 | -.091 | .094 | .257 | -.360 |
| 240 | 411 | -.461 | .073 | -.165 | -.690 | 240 | 461 | -.375 | .203 | -.205 | -1.313 | 240 | 544 | -.341 | .079 | -.076 | -.611 |
| 240 | 412 | -.465 | .065 | -.248 | .712 | 240 | 462 | -.303 | .296 | .420 | -1.446 | 240 | 545 | -.465 | .088 | .192 | -.806 |
| 240 | 413 | -.473 | .089 | -.153 | -.780 | 240 | 463 | -.504 | .180 | .083 | -1.347 | 240 | 546 | -.223 | .104 | .186 | -.648 |
| 240 | 414 | -.491 | .092 | -.175 | -.930 | 240 | 464 | -.275 | .213 | .569 | -.880 | 240 | 547 | .006 | .114 | .442 | -.408 |
| 240 | 415 | -.486 | .088 | -.182 | -.815 | 240 | 465 | -.042 | .152 | .532 | -.527 | 240 | 548 | .273 | .134 | .834 | .155 |
| 240 | 416 | -.486 | .108 | .063 | -.848 | 240 | 466 | -.053 | .126 | .664 | -.527 | 240 | 549 | .453 | .147 | .948 | .110 |
| 240 | 417 | -.511 | .123 | -.146 | -.049 | 240 | 467 | -.026 | .175 | .804 | -.605 | 240 | 550 | .426 | .139 | .906 | .023 |
| 240 | 418 | -.533 | .122 | -.228 | -.191 | 240 | 501 | -.196 | .082 | .072 | -.468 | 240 | 551 | .202 | .118 | .638 | -.148 |
| 240 | 419 | -.540 | .167 | .146 | -.504 | 240 | 502 | -.057 | .103 | .376 | -.323 | 240 | 552 | -.086 | .096 | .264 | -.482 |
| 240 | 420 | -.554 | .173 | -.061 | -.963 | 240 | 503 | -.249 | .126 | .657 | -.221 | 240 | 553 | -.320 | .084 | .033 | -.658 |
| 240 | 421 | -.566 | .150 | -.185 | -.362 | 240 | 504 | -.303 | .126 | .756 | -.152 | 240 | 554 | -.467 | .104 | .113 | -.857 |
| 240 | 422 | -.703 | .247 | -.218 | -2.123 | 240 | 505 | -.261 | .124 | .652 | -.261 | 240 | 555 | -.297 | .125 | .078 | -.772 |
| 240 | 423 | -.698 | .239 | -.172 | -1.987 | 240 | 506 | -.077 | .103 | .502 | -.283 | 240 | 556 | .032 | .122 | .425 | -.425 |
| 240 | 424 | -.727 | .234 | -.192 | -2.227 | 240 | 507 | -.155 | .081 | .141 | -.444 | 240 | 557 | .229 | .132 | .708 | -.190 |
| 240 | 425 | -.692 | .220 | -.234 | -2.051 | 240 | 508 | -.259 | .065 | -.021 | -.493 | 240 | 558 | .340 | .135 | .881 | .018 |
| 240 | 426 | -.732 | .265 | -.203 | -1.893 | 240 | 509 | -.434 | .068 | -.184 | -.806 | 240 | 559 | .327 | .125 | .933 | .036 |
| 240 | 427 | -.807 | .305 | -.210 | -2.759 | 240 | 510 | -.095 | .085 | -.178 | -.407 | 240 | 560 | .176 | .121 | .604 | -.172 |
| 240 | 428 | -.235 | .218 | .424 | -.214 | 240 | 511 | -.154 | .113 | -.679 | -.239 | 240 | 561 | -.068 | .111 | .361 | -.420 |
| 240 | 429 | -.230 | .150 | .183 | -1.126 | 240 | 512 | -.453 | .157 | .983 | .044 | 240 | 562 | -.317 | .101 | .018 | -.696 |
| 240 | 430 | -.240 | .188 | .079 | -.900 | 240 | 513 | -.605 | .168 | 1.082 | .040 | 240 | 563 | -.418 | .117 | -.086 | -.827 |
| 240 | 431 | -.235 | .085 | .136 | -.597 | 240 | 514 | -.551 | .154 | 1.025 | .095 | 240 | 564 | -.336 | .130 | .068 | -.879 |
| 240 | 432 | -.197 | .079 | .157 | -.683 | 240 | 515 | -.298 | .121 | .746 | -.066 | 240 | 565 | -.069 | .128 | .413 | -.480 |
| 240 | 433 | -.154 | .082 | .191 | -.556 | 240 | 516 | -.049 | .080 | .285 | -.340 | 240 | 566 | .086 | .123 | .658 | -.299 |
| 240 | 434 | -.167 | .162 | .168 | -.576 | 240 | 517 | -.282 | .059 | -.071 | -.503 | 240 | 567 | .181 | .096 | .534 | -.065 |
| 240 | 435 | -.203 | .163 | .147 | -1.266 | 240 | 518 | -.369 | .056 | -.165 | -.658 | 240 | 568 | .207 | .091 | .604 | -.051 |
| 240 | 436 | -.537 | .206 | .007 | -1.450 | 240 | 519 | -.129 | .081 | -.146 | -.392 | 240 | 569 | .105 | .097 | .574 | -.177 |
| 240 | 437 | -.645 | .264 | -.117 | -2.214 | 240 | 520 | -.095 | .104 | .522 | -.276 | 240 | 570 | -.062 | .110 | .485 | -.383 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|--------|
| 240 | 571 | -.278 | .115 | .140 | -.733 | 240 | 702 | -.472 | .072 | -.232 | -.837 | 240 | 752 | -.350 | .118 | -.013 | -.807 |
| 240 | 572 | -.443 | .139 | -.034 | -1.067 | 240 | 703 | -.467 | .072 | -.249 | -.862 | 240 | 753 | -.386 | .184 | -.078 | -1.391 |
| 240 | 573 | -.105 | .063 | .316 | -.117 | 240 | 704 | -.458 | .064 | -.247 | -.874 | 240 | 754 | -.403 | .161 | -.055 | -1.084 |
| 240 | 574 | -.137 | .055 | .355 | -.027 | 240 | 705 | -.459 | .068 | -.222 | -.817 | 240 | 755 | -.337 | .187 | -.202 | -1.589 |
| 240 | 575 | -.087 | .052 | .353 | -.133 | 240 | 706 | -.453 | .065 | -.205 | -.683 | 240 | 756 | -.333 | .149 | -.166 | -.932 |
| 240 | 576 | -.378 | .149 | .172 | -1.083 | 240 | 707 | -.481 | .069 | -.249 | -.760 | 240 | 757 | -.338 | .200 | -.324 | -1.228 |
| 240 | 577 | -.201 | .104 | .316 | -.580 | 240 | 708 | -.481 | .066 | -.220 | -.745 | 240 | 758 | -.342 | .114 | -.026 | -.750 |
| 240 | 578 | -.012 | .066 | .303 | -.215 | 240 | 709 | -.466 | .067 | -.249 | -.864 | 240 | 759 | -.383 | .141 | -.050 | -1.209 |
| 240 | 579 | -.094 | .051 | .314 | -.081 | 240 | 710 | -.505 | .087 | -.252 | -1.033 | 240 | 760 | -.252 | .099 | -.184 | -.677 |
| 240 | 580 | -.094 | .063 | .329 | -.094 | 240 | 711 | -.493 | .078 | -.222 | -.822 | 240 | 761 | -.254 | .097 | -.117 | -.659 |
| 240 | 581 | -.043 | .052 | .270 | -.125 | 240 | 712 | -.501 | .081 | -.227 | -.837 | 240 | 762 | -.496 | .202 | -.316 | -1.358 |
| 240 | 582 | -.052 | .050 | .327 | -.110 | 240 | 713 | -.549 | .116 | -.220 | -1.035 | 240 | 763 | -.642 | .189 | -.138 | -1.412 |
| 240 | 583 | -.093 | .051 | .322 | -.107 | 240 | 714 | -.547 | .101 | -.274 | -1.090 | 240 | 764 | -.550 | .228 | -.259 | -1.510 |
| 240 | 584 | -.039 | .055 | .190 | -.234 | 240 | 715 | -.543 | .112 | -.232 | -1.018 | 240 | 765 | -.331 | .214 | -.484 | -.966 |
| 240 | 585 | -.212 | .085 | -.079 | -1.581 | 240 | 716 | -.613 | .174 | -.215 | -1.856 | 240 | 766 | -.052 | .169 | -.946 | -.535 |
| 240 | 586 | -.488 | .133 | -.164 | -1.093 | 240 | 717 | -.588 | .145 | -.234 | -1.357 | 240 | 767 | -.248 | .208 | -.360 | -1.051 |
| 240 | 587 | -.107 | .060 | .427 | -.076 | 240 | 718 | -.603 | .152 | -.222 | -1.288 | 240 | 801 | -.097 | .060 | -.352 | -.074 |
| 240 | 588 | -.104 | .060 | .422 | -.076 | 240 | 719 | -.741 | .197 | -.243 | -1.618 | 240 | 802 | .128 | .056 | -.357 | -.056 |
| 240 | 589 | -.101 | .062 | .451 | -.115 | 240 | 720 | -.714 | .196 | -.219 | -1.578 | 240 | 803 | .075 | .040 | -.213 | -.058 |
| 240 | 590 | -.088 | .052 | .316 | -.079 | 240 | 721 | -.698 | .193 | -.239 | -1.976 | 240 | 804 | .129 | .065 | -.375 | -.048 |
| 240 | 591 | -.107 | .053 | .334 | -.050 | 240 | 722 | -.818 | .220 | -.124 | -1.953 | 240 | 805 | .129 | .072 | -.432 | -.092 |
| 240 | 592 | -.361 | .120 | -.022 | -.840 | 240 | 723 | -.787 | .223 | -.288 | -2.688 | 240 | 901 | -.525 | .134 | -.160 | -1.364 |
| 240 | 593 | -.128 | .074 | .200 | -.370 | 240 | 724 | -.782 | .208 | -.319 | -1.627 | 240 | 902 | -.493 | .094 | -.238 | -1.070 |
| 240 | 594 | -.074 | .066 | .291 | -.166 | 240 | 725 | -.724 | .242 | -.064 | -1.765 | 240 | 903 | -.474 | .088 | -.214 | -.989 |
| 240 | 595 | -.055 | .071 | .329 | -.265 | 240 | 726 | -.724 | .231 | -.170 | -2.004 | 240 | 904 | -.482 | .075 | -.238 | -.905 |
| 240 | 596 | -.029 | .070 | .322 | -.226 | 240 | 727 | -.703 | .216 | -.209 | -2.552 | 240 | 905 | -.479 | .086 | -.234 | -1.028 |
| 240 | 597 | -.012 | .059 | .234 | -.187 | 240 | 728 | -.241 | .090 | -.062 | -.691 | 240 | 906 | -.533 | .126 | -.175 | -1.163 |
| 240 | 598 | -.176 | .067 | .045 | -.453 | 240 | 729 | -.190 | .079 | -.068 | -.551 | 240 | 907 | -.498 | .114 | -.175 | -1.168 |
| 240 | 599 | -.327 | .093 | -.079 | -.741 | 240 | 730 | -.193 | .066 | -.080 | -.457 | 240 | 908 | -.491 | .090 | -.231 | -1.354 |
| 240 | 600 | -.185 | .079 | .505 | -.048 | 240 | 731 | -.210 | .075 | -.075 | -.548 | 240 | 909 | -.501 | .088 | -.236 | -1.057 |
| 240 | 601 | -.178 | .075 | .451 | -.014 | 240 | 732 | -.179 | .080 | -.098 | -.602 | 240 | 910 | -.499 | .108 | -.165 | -1.153 |
| 240 | 602 | -.180 | .071 | .498 | -.047 | 240 | 733 | -.148 | .090 | -.213 | -.571 | 240 | 911 | -.507 | .132 | -.177 | -1.285 |
| 240 | 603 | -.237 | .087 | .594 | -.015 | 240 | 734 | -.125 | .134 | -.342 | -.781 | 240 | 912 | -.513 | .110 | -.182 | -1.371 |
| 240 | 604 | -.161 | .066 | .441 | -.010 | 240 | 735 | -.239 | .116 | -.119 | -.781 | 240 | 913 | -.661 | .194 | -.110 | -1.606 |
| 240 | 605 | -.162 | .063 | .408 | -.006 | 240 | 736 | -.261 | .121 | -.028 | -.922 | 240 | 914 | -.733 | .242 | -.048 | -1.998 |
| 240 | 606 | -.179 | .077 | .462 | -.007 | 240 | 737 | -.250 | .090 | -.028 | -.563 | 240 | 915 | -.490 | .114 | -.101 | -1.251 |
| 240 | 607 | -.157 | .101 | .197 | -.555 | 240 | 738 | -.184 | .067 | -.158 | -.449 | 240 | 916 | -.500 | .112 | -.189 | -1.298 |
| 240 | 608 | -.102 | .103 | .231 | -.496 | 240 | 739 | -.175 | .057 | -.228 | -.454 | 240 | 917 | -.797 | .214 | -.210 | -1.859 |
| 240 | 609 | -.011 | .158 | .467 | -.694 | 240 | 740 | -.095 | .064 | -.189 | -.312 | 240 | 918 | -.555 | .200 | -.053 | -1.420 |
| 240 | 610 | -.189 | .080 | .480 | -.011 | 240 | 741 | -.006 | .110 | -.420 | -.345 | 240 | 919 | -.466 | .094 | -.123 | -.915 |
| 240 | 611 | -.175 | .082 | .601 | -.008 | 240 | 742 | -.011 | .137 | -.545 | -.626 | 240 | 920 | -.650 | .258 | -.053 | -2.457 |
| 240 | 612 | -.281 | .119 | .888 | -.001 | 240 | 743 | -.015 | .160 | -.565 | -.643 | 240 | 921 | -.494 | .136 | -.056 | -1.131 |
| 240 | 613 | -.193 | .078 | .521 | -.007 | 240 | 744 | -.108 | .159 | -.506 | -.812 | 240 | 922 | -.494 | .115 | -.089 | -1.008 |
| 240 | 614 | -.262 | .110 | .786 | -.008 | 240 | 745 | -.530 | .226 | -.084 | -1.462 | 240 | 923 | -.506 | .120 | -.135 | -1.163 |
| 240 | 615 | -.171 | .077 | .567 | -.019 | 240 | 746 | -.480 | .249 | -.021 | -1.750 | 240 | 924 | -.500 | .116 | -.091 | -1.197 |
| 240 | 616 | -.145 | .070 | .493 | -.042 | 240 | 747 | -.406 | .225 | -.070 | -1.552 | 240 | 925 | -.501 | .145 | -.136 | -1.358 |
| 240 | 617 | -.138 | .084 | .238 | -.466 | 240 | 748 | -.405 | .215 | -.350 | -1.762 | 240 | 926 | -.537 | .266 | -.035 | -2.403 |
| 240 | 618 | -.171 | .072 | .064 | -.419 | 240 | 749 | -.420 | .155 | -.119 | -.1.041 | 240 | 927 | -.481 | .092 | -.140 | -.918 |
| 240 | 619 | -.242 | .090 | .043 | -.627 | 240 | 750 | -.421 | .154 | -.033 | -1.119 | 240 | 928 | -.488 | .069 | -.155 | -.832 |
| 240 | 701 | -.471 | .070 | -.260 | -.735 | 240 | 751 | -.337 | .114 | .013 | -.945 | 240 | 929 | -.476 | .083 | -.248 | -.949 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 240 | 930 | -.375 | .126 | -.022 | -1.139 | 250 | 126 | -.450 | .116 | -.117 | -1.160 | 250 | 176 | -.500 | .100 | -.157 | -1.046 |
| 240 | 931 | -.461 | .188 | -.066 | -1.595 | 250 | 127 | -.504 | .150 | -.127 | -1.746 | 250 | 177 | -.473 | .101 | -.215 | -1.640 |
| 240 | 932 | -.435 | .194 | -.066 | -2.202 | 250 | 128 | -.527 | .160 | -.145 | -1.540 | 250 | 178 | -.469 | .090 | -.195 | -.905 |
| 240 | 933 | -.613 | .268 | -.159 | -3.760 | 250 | 129 | -.568 | .139 | -.055 | -1.380 | 250 | 179 | -.470 | .088 | -.210 | -1.129 |
| 240 | 934 | -.474 | .183 | -.102 | -1.779 | 250 | 130 | -.422 | .100 | -.122 | -1.177 | 250 | 180 | -.419 | .066 | -.163 | -.737 |
| 240 | 935 | -.415 | .108 | -.112 | -1.791 | 250 | 131 | -.433 | .101 | -.105 | -.856 | 250 | 181 | -.411 | .064 | -.188 | -.686 |
| 240 | 936 | -.547 | .201 | -.027 | -1.374 | 250 | 132 | -.480 | .130 | -.127 | -1.225 | 250 | 182 | -.424 | .065 | -.218 | -.737 |
| 240 | 937 | -.398 | .192 | .153 | -1.343 | 250 | 133 | -.487 | .138 | -.024 | -1.210 | 250 | 183 | -.443 | .066 | -.200 | -.757 |
| 240 | 938 | -.399 | .164 | .079 | -1.154 | 250 | 134 | -.469 | .114 | -.137 | -1.084 | 250 | 184 | -.463 | .077 | -.168 | -.802 |
| 240 | 939 | -.293 | .149 | .295 | -.902 | 250 | 135 | -.451 | .105 | -.157 | -1.099 | 250 | 185 | -.486 | .090 | -.102 | -1.029 |
| 240 | 940 | -.400 | .186 | .303 | -1.497 | 250 | 136 | -.444 | .112 | -.048 | -1.144 | 250 | 186 | -.521 | .106 | -.223 | -1.054 |
| 240 | 941 | -.287 | .174 | .171 | -1.474 | 250 | 137 | -.490 | .092 | -.254 | -.962 | 250 | 187 | -.511 | .091 | -.173 | -.920 |
| 240 | 942 | -.267 | .143 | .288 | -1.873 | 250 | 138 | -.531 | .156 | -.127 | -1.480 | 250 | 188 | -.511 | .087 | -.238 | -.928 |
| 240 | 943 | -.362 | .173 | .055 | -1.203 | 250 | 139 | -.511 | .133 | -.165 | -1.182 | 250 | 189 | -.494 | .083 | -.210 | -.983 |
| 240 | 944 | -.273 | .115 | .037 | -1.896 | 250 | 140 | -.393 | .068 | -.157 | -.661 | 250 | 190 | -.471 | .083 | -.127 | -.895 |
| 240 | 945 | -.334 | .192 | .179 | -1.642 | 250 | 141 | -.392 | .068 | -.157 | -.691 | 250 | 191 | -.501 | .089 | -.183 | -.933 |
| 240 | 946 | -.336 | .129 | .014 | -1.002 | 250 | 142 | -.389 | .072 | -.170 | -.699 | 250 | 192 | -.551 | .115 | -.286 | -1.235 |
| 240 | 947 | -.237 | .130 | .171 | -1.260 | 250 | 143 | -.394 | .074 | -.147 | -.739 | 250 | 193 | -.550 | .122 | -.164 | -1.488 |
| 240 | 948 | -.221 | .116 | .262 | -1.278 | 250 | 144 | -.407 | .083 | -.115 | -.751 | 250 | 194 | -.540 | .145 | -.178 | -1.392 |
| 240 | 949 | -.253 | .145 | .313 | -.914 | 250 | 145 | -.431 | .093 | -.187 | -.899 | 250 | 195 | -.552 | .132 | -.156 | -1.413 |
| 240 | 950 | -.258 | .155 | .236 | -1.459 | 250 | 146 | -.474 | .115 | -.127 | -.987 | 250 | 196 | -.530 | .109 | -.281 | -1.287 |
| 240 | 951 | -.353 | .206 | .164 | -1.988 | 250 | 147 | -.480 | .110 | -.142 | -1.056 | 250 | 197 | -.509 | .101 | -.236 | -1.755 |
| 240 | 952 | -.328 | .178 | .035 | -1.219 | 250 | 148 | -.467 | .116 | -.165 | -1.030 | 250 | 198 | -.506 | .087 | -.211 | -1.144 |
| 240 | 953 | -.304 | .118 | .014 | -1.765 | 250 | 149 | -.464 | .098 | -.175 | -.930 | 250 | 199 | -.501 | .100 | -.198 | -1.346 |
| 240 | 954 | -.295 | .111 | .027 | -1.819 | 250 | 150 | -.447 | .094 | -.200 | -1.162 | 250 | 200 | -.433 | .075 | -.184 | -.760 |
| 250 | 101 | -.410 | .049 | -.222 | -1.623 | 250 | 151 | -.436 | .082 | -.111 | -.872 | 250 | 201 | -.439 | .073 | -.174 | -.777 |
| 250 | 102 | -.410 | .093 | -.045 | -1.904 | 250 | 152 | -.487 | .121 | -.152 | -1.109 | 250 | 202 | -.417 | .075 | -.149 | -.697 |
| 250 | 103 | -.406 | .096 | -.065 | -1.964 | 250 | 153 | -.519 | .146 | -.205 | -1.454 | 250 | 203 | -.466 | .078 | -.097 | -.775 |
| 250 | 104 | -.414 | .106 | -.087 | -1.049 | 250 | 154 | -.526 | .152 | -.160 | -1.577 | 250 | 204 | -.495 | .088 | -.216 | -.839 |
| 250 | 105 | -.422 | .113 | -.055 | -1.129 | 250 | 155 | -.513 | .138 | -.110 | -1.338 | 250 | 205 | -.517 | .095 | -.161 | -1.010 |
| 250 | 106 | -.494 | .164 | -.092 | -1.503 | 250 | 156 | -.486 | .101 | -.150 | -1.089 | 250 | 206 | -.560 | .133 | -.191 | -1.386 |
| 250 | 107 | -.511 | .169 | -.095 | -1.390 | 250 | 157 | -.469 | .092 | -.215 | -1.076 | 250 | 207 | -.552 | .112 | -.211 | -1.059 |
| 250 | 108 | -.483 | .125 | -.150 | -1.129 | 250 | 158 | -.456 | .097 | -.163 | -1.175 | 250 | 208 | -.552 | .100 | -.248 | -1.079 |
| 250 | 109 | -.460 | .114 | -.003 | -1.177 | 250 | 159 | -.455 | .093 | -.178 | -1.114 | 250 | 209 | -.536 | .095 | -.236 | -1.062 |
| 250 | 110 | -.454 | .110 | -.100 | -1.077 | 250 | 160 | -.404 | .060 | -.210 | -.648 | 250 | 210 | -.502 | .086 | -.184 | -.871 |
| 250 | 111 | -.444 | .108 | -.132 | -1.067 | 250 | 161 | -.408 | .060 | -.213 | -.656 | 250 | 211 | -.538 | .097 | -.270 | -.990 |
| 250 | 112 | -.436 | .102 | -.129 | -1.954 | 250 | 162 | -.409 | .061 | -.178 | -.661 | 250 | 212 | -.579 | .129 | -.300 | -1.458 |
| 250 | 113 | -.441 | .111 | -.095 | -1.009 | 250 | 163 | -.419 | .064 | -.157 | -.699 | 250 | 213 | -.582 | .119 | -.275 | -1.178 |
| 250 | 114 | -.522 | .167 | -.050 | -1.525 | 250 | 164 | -.434 | .071 | -.203 | -.691 | 250 | 214 | -.596 | .070 | -.399 | -.852 |
| 250 | 115 | -.519 | .156 | -.030 | -1.342 | 250 | 165 | -.457 | .081 | -.185 | -.850 | 250 | 215 | -.563 | .144 | -.182 | -1.554 |
| 250 | 116 | -.503 | .135 | -.037 | -1.215 | 250 | 166 | -.481 | .092 | -.168 | -.923 | 250 | 216 | -.562 | .128 | -.247 | -1.660 |
| 250 | 117 | -.493 | .128 | -.120 | -1.312 | 250 | 167 | -.482 | .084 | -.107 | -.875 | 250 | 217 | -.532 | .121 | -.197 | -1.569 |
| 250 | 118 | -.485 | .101 | -.205 | -1.099 | 250 | 168 | -.480 | .083 | -.130 | -.883 | 250 | 218 | -.528 | .112 | -.204 | -1.530 |
| 250 | 119 | -.488 | .108 | -.172 | -1.195 | 250 | 169 | -.468 | .086 | -.166 | -.802 | 250 | 219 | -.523 | .107 | -.271 | -1.861 |
| 250 | 120 | -.407 | .096 | -.137 | -1.014 | 250 | 170 | -.443 | .073 | -.173 | -.721 | 250 | 220 | -.427 | .087 | -.204 | -.965 |
| 250 | 121 | -.435 | .098 | -.147 | -1.170 | 250 | 171 | -.474 | .093 | -.185 | -1.102 | 250 | 221 | -.444 | .089 | -.170 | -.946 |
| 250 | 122 | -.471 | .131 | -.177 | -1.282 | 250 | 172 | -.528 | .124 | -.183 | -1.248 | 250 | 222 | -.462 | .085 | -.194 | -.829 |
| 250 | 123 | -.496 | .138 | -.122 | -1.548 | 250 | 173 | -.527 | .129 | -.180 | -1.426 | 250 | 223 | -.498 | .107 | -.185 | -1.008 |
| 250 | 124 | -.456 | .100 | -.070 | -1.967 | 250 | 174 | -.545 | .138 | -.238 | -1.472 | 250 | 224 | -.526 | .103 | -.241 | -1.033 |
| 250 | 125 | -.437 | .096 | -.082 | -1.032 | 250 | 175 | -.536 | .126 | -.271 | -1.343 | 250 | 225 | -.532 | .105 | -.151 | -.953 |

| WD | TAP | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPNEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPNEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 250 | 226 | 580 | 131 | 184 | -1.161 | 250 | 276 | 606 | 157 | 164 | -1.279 | 250 | 326 | 191 | 152 | 552 | -962 |
| 250 | 227 | 577 | 113 | 189 | -1.057 | 250 | 277 | 690 | 177 | 281 | -1.551 | 250 | 327 | 347 | 121 | 015 | -1.062 |
| 250 | 228 | 574 | 113 | 216 | -1.131 | 250 | 278 | 713 | 166 | 301 | -1.764 | 250 | 328 | 306 | 145 | 089 | -1.172 |
| 250 | 229 | 549 | 108 | 208 | -1.017 | 250 | 279 | 747 | 185 | 292 | -1.901 | 250 | 329 | 241 | 094 | 171 | -1.704 |
| 250 | 230 | 542 | 108 | 216 | -1.988 | 250 | 280 | 563 | 202 | 153 | -2.649 | 250 | 330 | 265 | 106 | 169 | -1.729 |
| 250 | 231 | 595 | 131 | 255 | -1.381 | 250 | 281 | 495 | 146 | 166 | -1.181 | 250 | 331 | 252 | 144 | 156 | -1.706 |
| 250 | 232 | 656 | 168 | 232 | -1.660 | 250 | 282 | 534 | 180 | 094 | -1.523 | 250 | 332 | 117 | 102 | 163 | -1.701 |
| 250 | 233 | 631 | 143 | 239 | -1.249 | 250 | 283 | 523 | 187 | 081 | -1.775 | 250 | 333 | 131 | 096 | 253 | -1.801 |
| 250 | 234 | 661 | 169 | 234 | -1.588 | 250 | 284 | 512 | 201 | 073 | -1.523 | 250 | 334 | 126 | 095 | 146 | -1.867 |
| 250 | 235 | 659 | 158 | 149 | -1.583 | 250 | 285 | 453 | 144 | 171 | -1.089 | 250 | 335 | 147 | 113 | 399 | -1.773 |
| 250 | 236 | 640 | 158 | 104 | -1.256 | 250 | 286 | 413 | 132 | 066 | -1.081 | 250 | 336 | 216 | 093 | 140 | -1.655 |
| 250 | 237 | 622 | 134 | 244 | -1.301 | 250 | 287 | 388 | 127 | 093 | -1.030 | 250 | 337 | 226 | 113 | 273 | -1.691 |
| 250 | 238 | 610 | 132 | 239 | -1.790 | 250 | 288 | 366 | 119 | 135 | -1.881 | 250 | 338 | 271 | 134 | 194 | -1.729 |
| 250 | 239 | 594 | 122 | 242 | -1.276 | 250 | 289 | 357 | 112 | 014 | -1.842 | 250 | 339 | 262 | 121 | 067 | -1.735 |
| 250 | 240 | 460 | 108 | 139 | -1.920 | 250 | 290 | 383 | 118 | 066 | -1.822 | 250 | 340 | 271 | 093 | 059 | -1.699 |
| 250 | 241 | 459 | 113 | 139 | -1.952 | 250 | 291 | 396 | 111 | 020 | -1.788 | 250 | 341 | 275 | 096 | 072 | -1.701 |
| 250 | 242 | 485 | 115 | 137 | -1.002 | 250 | 292 | 368 | 117 | 061 | -1.014 | 250 | 342 | 246 | 082 | 056 | -1.602 |
| 250 | 243 | 522 | 115 | 124 | -1.089 | 250 | 293 | 383 | 117 | 071 | -1.840 | 250 | 343 | 210 | 087 | 222 | -1.607 |
| 250 | 244 | 546 | 117 | 144 | -1.241 | 250 | 294 | 354 | 100 | 058 | -1.752 | 250 | 344 | 307 | 101 | 043 | -1.793 |
| 250 | 245 | 556 | 137 | 028 | -1.149 | 250 | 295 | 338 | 106 | 068 | -1.991 | 250 | 345 | 310 | 103 | 080 | -1.746 |
| 250 | 246 | 605 | 159 | 209 | -1.605 | 250 | 296 | 430 | 126 | 071 | -1.017 | 250 | 346 | 267 | 112 | 180 | -1.735 |
| 250 | 247 | 600 | 145 | 152 | -1.386 | 250 | 297 | 628 | 171 | 140 | -1.333 | 250 | 347 | 194 | 126 | 342 | -1.730 |
| 250 | 248 | 616 | 134 | 284 | -1.256 | 250 | 298 | 452 | 182 | 009 | -1.456 | 250 | 348 | 237 | 083 | 140 | -1.602 |
| 250 | 249 | 571 | 120 | 192 | -1.037 | 250 | 299 | 502 | 215 | 004 | -1.737 | 250 | 349 | 220 | 087 | 290 | -1.520 |
| 250 | 250 | 569 | 137 | 042 | -1.117 | 250 | 300 | 137 | 113 | 250 | -1.714 | 250 | 350 | 299 | 091 | 006 | -1.733 |
| 250 | 251 | 621 | 156 | 062 | -1.463 | 250 | 301 | 203 | 123 | 207 | -1.780 | 250 | 351 | 320 | 095 | 004 | -1.722 |
| 250 | 252 | 691 | 177 | 147 | -1.513 | 250 | 302 | 137 | 132 | 397 | -1.698 | 250 | 352 | 315 | 098 | 067 | -1.691 |
| 250 | 253 | 686 | 161 | 222 | -1.399 | 250 | 303 | 235 | 165 | 492 | -1.870 | 250 | 353 | 337 | 093 | 051 | -1.696 |
| 250 | 254 | 707 | 167 | 182 | -1.366 | 250 | 304 | 336 | 175 | 338 | -1.012 | 250 | 401 | 380 | 078 | 078 | -1.698 |
| 250 | 255 | 696 | 166 | 184 | -1.408 | 250 | 305 | 521 | 207 | 063 | -2.063 | 250 | 402 | 387 | 078 | 155 | -1.671 |
| 250 | 256 | 674 | 156 | 189 | -1.780 | 250 | 306 | 418 | 197 | 032 | -1.549 | 250 | 403 | 399 | 074 | 135 | -1.712 |
| 250 | 257 | 696 | 149 | 234 | -1.319 | 250 | 307 | 395 | 183 | 029 | -1.490 | 250 | 404 | 365 | 066 | 170 | -1.599 |
| 250 | 258 | 689 | 161 | 177 | -1.578 | 250 | 308 | 360 | 146 | 058 | -1.333 | 250 | 405 | 372 | 067 | 166 | -1.661 |
| 250 | 259 | 699 | 139 | 276 | -1.516 | 250 | 309 | 371 | 127 | 035 | -1.950 | 250 | 406 | 382 | 064 | 178 | -1.618 |
| 250 | 260 | 479 | 145 | 119 | -1.122 | 250 | 310 | 131 | 099 | 223 | -1.631 | 250 | 407 | 391 | 060 | 163 | -1.577 |
| 250 | 261 | 487 | 144 | 104 | -1.493 | 250 | 311 | 133 | 108 | 165 | -1.783 | 250 | 408 | 388 | 057 | 201 | -1.585 |
| 250 | 262 | 529 | 166 | 142 | -1.563 | 250 | 312 | 143 | 102 | 261 | -1.652 | 250 | 409 | 392 | 064 | 218 | -1.719 |
| 250 | 263 | 530 | 160 | 094 | -1.426 | 250 | 313 | 189 | 110 | 204 | -1.487 | 250 | 410 | 400 | 063 | 175 | -1.862 |
| 250 | 264 | 525 | 148 | 006 | -1.226 | 250 | 314 | 143 | 129 | 345 | -1.840 | 250 | 411 | 401 | 069 | 163 | -1.688 |
| 250 | 265 | 545 | 167 | 119 | -1.643 | 250 | 315 | 263 | 166 | 402 | -1.858 | 250 | 412 | 409 | 057 | 211 | -1.659 |
| 250 | 266 | 534 | 168 | 127 | -1.244 | 250 | 316 | 478 | 180 | 117 | -1.161 | 250 | 413 | 411 | 076 | 161 | -1.922 |
| 250 | 267 | 537 | 143 | 080 | -1.202 | 250 | 317 | 370 | 175 | 037 | -1.305 | 250 | 414 | 416 | 077 | 178 | -1.690 |
| 250 | 268 | 555 | 143 | 149 | -1.416 | 250 | 318 | 291 | 108 | 016 | -1.827 | 250 | 415 | 410 | 079 | 156 | -1.805 |
| 250 | 269 | 532 | 127 | 107 | -1.092 | 250 | 319 | 355 | 129 | 101 | -1.958 | 250 | 416 | 417 | 089 | 123 | -1.775 |
| 250 | 270 | 536 | 138 | 089 | -1.127 | 250 | 320 | 288 | 129 | 160 | -1.783 | 250 | 417 | 430 | 092 | 146 | -1.991 |
| 250 | 271 | 582 | 149 | 119 | -1.184 | 250 | 321 | 308 | 132 | 171 | -1.883 | 250 | 418 | 431 | 087 | 151 | -1.966 |
| 250 | 272 | 588 | 157 | 134 | -1.269 | 250 | 322 | 120 | 098 | 163 | -1.642 | 250 | 419 | 428 | 114 | 028 | -1.110 |
| 250 | 273 | 616 | 162 | 119 | -1.351 | 250 | 323 | 139 | 091 | 199 | -1.593 | 250 | 420 | 472 | 121 | 143 | -1.063 |
| 250 | 274 | 604 | 145 | 065 | -1.211 | 250 | 324 | 184 | 114 | 284 | -1.683 | 250 | 421 | 451 | 115 | 069 | -1.089 |
| 250 | 275 | 593 | 146 | 084 | -1.157 | 250 | 325 | 129 | 144 | 463 | -1.778 | 250 | 422 | 486 | 151 | 130 | -1.133 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|-----|------|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|
| 2550 | 423 | 483 | 151 | 117 | -1 | 374 | 2550 | 506 | 048 | 083 | 254 | 2550 | 556 | 094 | 125 | 593 | -271 |
| 2550 | 424 | 523 | 173 | 161 | -2 | 089 | 2550 | 507 | 281 | 074 | 052 | 2550 | 557 | 320 | 132 | 729 | -116 |
| 2550 | 425 | 524 | 155 | 166 | -2 | 487 | 2550 | 508 | 313 | 061 | 112 | 2550 | 558 | 373 | 138 | 900 | 009 |
| 2550 | 426 | 546 | 170 | 130 | -1 | 382 | 2550 | 509 | 428 | 077 | 167 | 2550 | 559 | 226 | 108 | 668 | -044 |
| 2550 | 427 | 580 | 219 | 151 | -2 | 287 | 2550 | 510 | 049 | 099 | 454 | 2550 | 560 | 014 | 103 | 515 | -264 |
| 2550 | 428 | 484 | 195 | 154 | -1 | 813 | 2550 | 511 | 290 | 129 | 704 | 2550 | 561 | 228 | 107 | 162 | -518 |
| 2550 | 429 | 460 | 188 | 093 | -1 | 346 | 2550 | 512 | 544 | 155 | 981 | 2550 | 562 | 339 | 086 | 070 | -656 |
| 2550 | 430 | 469 | 158 | 014 | -1 | 089 | 2550 | 513 | 577 | 172 | 073 | 2550 | 563 | 403 | 101 | 058 | -731 |
| 2550 | 431 | 469 | 158 | 014 | -1 | 089 | 2550 | 514 | 411 | 138 | 798 | 2550 | 564 | 194 | 108 | 174 | -656 |
| 2550 | 432 | 469 | 158 | 014 | -1 | 089 | 2550 | 515 | 085 | 107 | 500 | 2550 | 565 | 050 | 115 | 482 | -281 |
| 2550 | 433 | 1333 | 100 | 222 | - | 633 | 2550 | 516 | 211 | 071 | 032 | 2550 | 566 | 224 | 132 | 719 | -114 |
| 2550 | 434 | 127 | 105 | 240 | - | 602 | 2550 | 517 | 346 | 057 | 122 | 2550 | 566 | 253 | 116 | 744 | 026 |
| 2550 | 435 | 139 | 115 | 177 | - | 746 | 2550 | 518 | 378 | 064 | 182 | 2550 | 568 | 148 | 080 | 440 | -073 |
| 2550 | 436 | 560 | 161 | 161 | -1 | 187 | 2550 | 519 | 021 | 094 | 401 | 2550 | 569 | 033 | 087 | 440 | -330 |
| 2550 | 437 | 571 | 197 | 128 | -1 | 711 | 2550 | 520 | 272 | 121 | 683 | 2550 | 570 | 186 | 093 | 268 | -499 |
| 2550 | 438 | 588 | 179 | 058 | -1 | 243 | 2550 | 521 | 577 | 158 | 998 | 2550 | 571 | 330 | 103 | 005 | -741 |
| 2550 | 439 | 588 | 201 | 307 | - | 999 | 2550 | 522 | 632 | 159 | 128 | 2550 | 572 | 401 | 118 | 083 | -920 |
| 2550 | 440 | 371 | 178 | 268 | - | 999 | 2550 | 523 | 442 | 138 | 936 | 2550 | 573 | 137 | 066 | 430 | -045 |
| 2550 | 441 | 134 | 164 | 319 | - | 819 | 2550 | 524 | 077 | 102 | 420 | 2550 | 574 | 101 | 052 | 302 | -051 |
| 2550 | 442 | 160 | 154 | 319 | - | 919 | 2550 | 525 | 240 | 074 | 064 | 2550 | 575 | 005 | 062 | 199 | -287 |
| 2550 | 443 | 180 | 114 | 122 | - | 984 | 2550 | 526 | 391 | 065 | 182 | 2550 | 576 | 206 | 134 | 253 | -806 |
| 2550 | 444 | 180 | 089 | 384 | - | 641 | 2550 | 527 | 418 | 068 | 208 | 2550 | 577 | 020 | 131 | 415 | -608 |
| 2550 | 445 | 124 | 078 | 172 | - | 402 | 2550 | 528 | 214 | 096 | 095 | 2550 | 578 | 092 | 093 | 561 | -166 |
| 2550 | 446 | 132 | 088 | 329 | - | 573 | 2550 | 529 | 247 | 129 | 647 | 2550 | 579 | 123 | 038 | 368 | -084 |
| 2550 | 447 | 152 | 126 | 138 | -1 | 066 | 2550 | 530 | 524 | 156 | 116 | 2550 | 580 | 090 | 051 | 353 | -058 |
| 2550 | 448 | 327 | 097 | 043 | - | 748 | 2550 | 531 | 594 | 156 | 061 | 2550 | 581 | 038 | 048 | 235 | -115 |
| 2550 | 449 | 305 | 089 | 035 | - | 665 | 2550 | 532 | 422 | 137 | 948 | 2550 | 582 | 035 | 052 | 237 | -192 |
| 2550 | 450 | 573 | 174 | 114 | -1 | 488 | 2550 | 533 | 070 | 102 | 471 | 2550 | 583 | 033 | 058 | 294 | -174 |
| 2550 | 451 | 573 | 233 | 069 | -1 | 784 | 2550 | 534 | 239 | 078 | 042 | 2550 | 584 | 103 | 067 | 096 | -405 |
| 2550 | 452 | 632 | 299 | 096 | -2 | 511 | 2550 | 535 | 400 | 067 | 172 | 2550 | 585 | 233 | 081 | 007 | -572 |
| 2550 | 453 | 540 | 189 | 140 | -1 | 656 | 2550 | 536 | 428 | 073 | 160 | 2550 | 586 | 437 | 126 | 115 | -032 |
| 2550 | 454 | 598 | 244 | 077 | -2 | 164 | 2550 | 537 | 235 | 112 | 252 | 2550 | 587 | 096 | 053 | 335 | -043 |
| 2550 | 455 | 484 | 166 | 099 | -1 | 576 | 2550 | 538 | 198 | 138 | 691 | 2550 | 588 | 092 | 057 | 407 | -076 |
| 2550 | 456 | 593 | 251 | 016 | -2 | 111 | 2550 | 539 | 456 | 157 | 933 | 2550 | 589 | 074 | 055 | 358 | -107 |
| 2550 | 457 | 307 | 092 | 018 | - | 633 | 2550 | 540 | 526 | 151 | 025 | 2550 | 590 | 060 | 050 | 302 | -171 |
| 2550 | 458 | 303 | 091 | 019 | - | 632 | 2550 | 541 | 370 | 125 | 794 | 2550 | 591 | 078 | 052 | 296 | -130 |
| 2550 | 459 | 444 | 146 | 084 | -1 | 079 | 2550 | 542 | 038 | 104 | 415 | 2550 | 592 | 202 | 110 | 201 | -639 |
| 2550 | 460 | 436 | 132 | 081 | -1 | 326 | 2550 | 543 | 245 | 077 | 016 | 2550 | 593 | 011 | 088 | 456 | -241 |
| 2550 | 461 | 572 | 240 | 034 | -1 | 720 | 2550 | 544 | 372 | 068 | 131 | 2550 | 594 | 107 | 065 | 386 | -056 |
| 2550 | 462 | 573 | 195 | 573 | - | 874 | 2550 | 545 | 435 | 074 | 187 | 2550 | 595 | 091 | 062 | 320 | -110 |
| 2550 | 463 | 333 | 158 | 069 | -1 | 113 | 2550 | 546 | 116 | 105 | 329 | 2550 | 596 | 099 | 093 | 217 | -518 |
| 2550 | 464 | 073 | 158 | 528 | - | 714 | 2550 | 547 | 122 | 129 | 624 | 2550 | 597 | 076 | 077 | 127 | -403 |
| 2550 | 465 | 018 | 133 | 521 | - | 436 | 2550 | 548 | 392 | 138 | 847 | 2550 | 598 | 213 | 070 | 004 | -506 |
| 2550 | 466 | 003 | 129 | 597 | - | 488 | 2550 | 549 | 443 | 147 | 934 | 2550 | 599 | 320 | 098 | 065 | -659 |
| 2550 | 467 | 003 | 135 | 626 | - | 423 | 2550 | 550 | 328 | 118 | 765 | 2550 | 600 | 172 | 068 | 435 | -022 |
| 2550 | 501 | 083 | 101 | 309 | - | 454 | 2550 | 551 | 042 | 107 | 515 | 2550 | 601 | 163 | 068 | 399 | 009 |
| 2550 | 502 | 183 | 117 | 591 | - | 223 | 2550 | 552 | 229 | 088 | 126 | 2550 | 602 | 162 | 058 | 435 | -008 |
| 2550 | 503 | 308 | 132 | 719 | - | 110 | 2550 | 553 | 359 | 078 | 121 | 2550 | 603 | 168 | 087 | 505 | -073 |
| 2550 | 504 | 297 | 130 | 729 | - | 114 | 2550 | 554 | 419 | 091 | 058 | 2550 | 604 | 091 | 060 | 378 | -074 |
| 2550 | 505 | 175 | 114 | 509 | - | 261 | 2550 | 555 | 180 | 114 | 225 | 2550 | 605 | 106 | 070 | 365 | -087 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 250 | 606 | .125 | .072 | .406 | -.072 | 250 | 737 | -.193 | .088 | .182 | -.488 | 250 | 915 | -.467 | .132 | -.101 | -1.198 |
| 250 | 607 | -.058 | .071 | .186 | -.363 | 250 | 738 | -.158 | .070 | .100 | -.415 | 250 | 916 | -.494 | .135 | -.045 | -1.301 |
| 250 | 608 | .031 | .086 | .363 | -.246 | 250 | 739 | -.119 | .064 | .431 | -.291 | 250 | 917 | -.697 | .181 | -.192 | -1.554 |
| 250 | 609 | .136 | .135 | .713 | -.241 | 250 | 740 | -.086 | .050 | .148 | -.286 | 250 | 918 | -.463 | .152 | -.038 | -1.178 |
| 250 | 610 | .180 | .082 | .547 | -.023 | 250 | 741 | -.050 | .068 | .292 | -.281 | 250 | 919 | -.441 | .107 | -.154 | -1.042 |
| 250 | 611 | .185 | .080 | .637 | -.002 | 250 | 742 | -.060 | .088 | .281 | -.365 | 250 | 920 | -.542 | .203 | -.106 | -1.919 |
| 250 | 612 | .255 | .110 | .726 | -.005 | 250 | 743 | -.029 | .116 | .570 | -.376 | 250 | 921 | -.479 | .164 | -.052 | -1.277 |
| 250 | 613 | .153 | .082 | .465 | -.062 | 250 | 744 | -.071 | .135 | .455 | -.601 | 250 | 922 | -.456 | .128 | -.045 | -1.076 |
| 250 | 614 | .149 | .101 | .575 | -.097 | 250 | 745 | -.277 | .162 | .276 | -1.000 | 250 | 923 | -.506 | .140 | -.065 | -1.224 |
| 250 | 615 | .114 | .075 | .345 | -.097 | 250 | 746 | -.270 | .142 | .661 | -1.146 | 250 | 924 | -.497 | .136 | -.094 | -1.454 |
| 250 | 616 | .102 | .073 | .394 | -.103 | 250 | 747 | -.230 | .137 | .169 | -.987 | 250 | 925 | -.512 | .140 | -.145 | -1.220 |
| 250 | 617 | .229 | .093 | .687 | -.678 | 250 | 748 | -.491 | .209 | .253 | -1.578 | 250 | 926 | -.603 | .266 | -.074 | -2.407 |
| 250 | 618 | .241 | .087 | .000 | -.563 | 250 | 749 | -.454 | .145 | .205 | -1.218 | 250 | 927 | -.463 | .122 | -.079 | -1.025 |
| 250 | 619 | .314 | .095 | .054 | -.683 | 250 | 750 | -.454 | .134 | -.094 | -1.389 | 250 | 928 | -.444 | .102 | -.182 | -.968 |
| 250 | 701 | .496 | .109 | .173 | -1.515 | 250 | 751 | -.361 | .102 | .061 | -.924 | 250 | 929 | -.431 | .101 | -.130 | -1.001 |
| 250 | 702 | .470 | .096 | .233 | -1.170 | 250 | 752 | -.396 | .109 | .140 | -1.408 | 250 | 930 | -.375 | .108 | -.101 | -.951 |
| 250 | 703 | .465 | .108 | .206 | -1.840 | 250 | 753 | -.417 | .205 | .324 | -1.245 | 250 | 931 | -.496 | .148 | -.090 | -1.280 |
| 250 | 704 | .454 | .083 | .194 | -.923 | 250 | 754 | -.437 | .165 | .054 | -1.375 | 250 | 932 | -.414 | .141 | -.028 | -1.337 |
| 250 | 705 | .446 | .080 | .229 | -.903 | 250 | 755 | -.361 | .209 | .405 | -1.465 | 250 | 933 | -.689 | .355 | -.142 | -2.984 |
| 250 | 706 | .430 | .076 | .216 | -.773 | 250 | 756 | -.388 | .164 | .108 | -1.392 | 250 | 934 | -.560 | .205 | -.006 | -1.979 |
| 250 | 707 | .455 | .077 | .235 | -.918 | 250 | 757 | -.375 | .211 | .444 | -1.305 | 250 | 935 | -.415 | .104 | -.134 | -.899 |
| 250 | 708 | .453 | .081 | .266 | -1.090 | 250 | 758 | -.392 | .111 | -.084 | -.822 | 250 | 936 | -.602 | .163 | -.163 | -1.269 |
| 250 | 709 | .449 | .077 | .206 | -.860 | 250 | 759 | -.419 | .142 | -.114 | -1.272 | 250 | 937 | -.526 | .212 | -.004 | -1.682 |
| 250 | 710 | .507 | .095 | .268 | -1.350 | 250 | 760 | -.268 | .106 | .241 | -.703 | 250 | 938 | -.466 | .137 | -.019 | -1.173 |
| 250 | 711 | .487 | .096 | .213 | -1.334 | 250 | 761 | -.262 | .110 | .312 | -.714 | 250 | 939 | -.339 | .195 | -.304 | -1.228 |
| 250 | 712 | .488 | .091 | .208 | -.983 | 250 | 762 | -.481 | .136 | -.072 | -1.103 | 250 | 940 | -.547 | .215 | -.082 | -1.731 |
| 250 | 713 | .537 | .112 | .259 | -1.504 | 250 | 763 | -.519 | .155 | .140 | -1.269 | 250 | 941 | -.377 | .227 | -.137 | -1.747 |
| 250 | 714 | .543 | .107 | .247 | -1.283 | 250 | 764 | -.544 | .189 | .132 | -1.189 | 250 | 942 | -.263 | .165 | -.374 | -.823 |
| 250 | 715 | .531 | .117 | .216 | -1.506 | 250 | 765 | -.491 | .158 | .147 | -1.136 | 250 | 943 | -.457 | .202 | -.006 | -1.507 |
| 250 | 716 | .595 | .139 | .187 | -1.230 | 250 | 766 | -.026 | .134 | .754 | -1.410 | 250 | 944 | -.384 | .139 | -.028 | -.904 |
| 250 | 717 | .591 | .142 | .225 | -1.625 | 250 | 767 | -.471 | .178 | .293 | -1.142 | 250 | 945 | -.356 | .292 | -.473 | -.493 |
| 250 | 718 | .593 | .144 | .194 | -1.683 | 250 | 801 | -.019 | .069 | .299 | -.218 | 250 | 946 | -.403 | .125 | -.061 | -.936 |
| 250 | 719 | .713 | .174 | .284 | -1.734 | 250 | 802 | .086 | .059 | .304 | -.111 | 250 | 947 | -.233 | .165 | -.265 | -1.113 |
| 250 | 720 | .703 | .166 | .241 | -1.548 | 250 | 803 | .056 | .041 | .205 | -.041 | 250 | 948 | -.268 | .187 | -.244 | -1.426 |
| 250 | 721 | .690 | .162 | .315 | -1.438 | 250 | 804 | .130 | .059 | .442 | -.020 | 250 | 949 | -.213 | .155 | -.257 | -1.176 |
| 250 | 722 | .784 | .201 | .253 | -1.811 | 250 | 805 | .136 | .068 | .416 | -.038 | 250 | 950 | -.214 | .196 | -.280 | -1.541 |
| 250 | 723 | .754 | .185 | .343 | -2.218 | 250 | 901 | -.536 | .180 | -.108 | -1.595 | 250 | 951 | -.451 | .244 | -.048 | -1.648 |
| 250 | 724 | .754 | .191 | .274 | -1.673 | 250 | 902 | -.477 | .124 | -.082 | -1.018 | 250 | 952 | -.484 | .252 | -.017 | -2.154 |
| 250 | 725 | .564 | .245 | .281 | -1.583 | 250 | 903 | -.473 | .117 | -.180 | -1.107 | 250 | 953 | -.326 | .168 | -.007 | -1.795 |
| 250 | 726 | .662 | .213 | .095 | -1.809 | 250 | 904 | -.476 | .101 | -.230 | -.973 | 250 | 954 | -.339 | .113 | -.035 | -.823 |
| 250 | 727 | .635 | .181 | .156 | -1.596 | 250 | 905 | -.475 | .105 | -.194 | -1.111 | 260 | 101 | -.359 | .060 | -.176 | -.564 |
| 250 | 728 | .214 | .092 | .103 | -.564 | 250 | 906 | -.507 | .153 | -.039 | -1.586 | 260 | 102 | -.365 | .101 | -.034 | -.913 |
| 250 | 729 | .152 | .067 | .140 | -.455 | 250 | 907 | -.507 | .152 | -.113 | -1.341 | 260 | 103 | -.362 | .104 | -.012 | -.803 |
| 250 | 730 | .166 | .064 | .074 | -.373 | 250 | 908 | -.491 | .112 | -.192 | -1.121 | 260 | 104 | -.370 | .110 | -.029 | -.835 |
| 250 | 731 | .170 | .061 | .132 | -.412 | 250 | 909 | -.489 | .113 | -.230 | -1.150 | 260 | 105 | -.392 | .120 | -.069 | -.955 |
| 250 | 732 | .143 | .056 | .061 | -.417 | 250 | 910 | -.503 | .141 | -.122 | -1.439 | 260 | 106 | -.481 | .188 | -.066 | -1.789 |
| 250 | 733 | .112 | .062 | .169 | -.375 | 250 | 911 | -.497 | .159 | -.008 | -1.281 | 260 | 107 | -.495 | .177 | -.024 | -1.510 |
| 250 | 734 | .108 | .092 | .237 | -.504 | 250 | 912 | -.501 | .131 | -.687 | -1.202 | 260 | 108 | -.476 | .154 | -.165 | -2.206 |
| 250 | 735 | .270 | .133 | .145 | -.922 | 250 | 913 | -.546 | .179 | -.103 | -1.525 | 260 | 109 | -.446 | .126 | -.041 | -1.027 |
| 250 | 736 | .285 | .139 | .163 | -.803 | 250 | 914 | -.506 | .162 | -.096 | -1.447 | 260 | 110 | -.452 | .132 | -.089 | -.089 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 260 | 111 | -.447 | .130 | -.094 | -.985 | 260 | 161 | -.347 | .070 | -.170 | -.645 | 260 | 211 | -.493 | .134 | -.160 | -1.196 |
| 260 | 112 | -.442 | .128 | -.054 | -.017 | 260 | 162 | -.354 | .070 | -.107 | -.607 | 260 | 212 | -.548 | .178 | -.089 | -1.528 |
| 260 | 113 | -.448 | .144 | -.008 | -1.259 | 260 | 163 | -.358 | .066 | -.157 | -.640 | 260 | 213 | -.546 | .172 | -.116 | -1.317 |
| 260 | 114 | -.523 | .207 | -.079 | -1.933 | 260 | 164 | -.385 | .081 | -.137 | -.725 | 260 | 214 | -.576 | .099 | -.312 | -1.926 |
| 260 | 115 | -.521 | .188 | -.086 | -1.523 | 260 | 165 | -.432 | .107 | -.077 | -.810 | 260 | 215 | -.577 | .223 | -.017 | -1.562 |
| 260 | 116 | -.539 | .181 | -.118 | -1.465 | 260 | 166 | -.483 | .136 | -.102 | -1.212 | 260 | 216 | -.589 | .223 | -.090 | -1.654 |
| 260 | 117 | -.613 | .195 | -.146 | -1.600 | 260 | 167 | -.455 | .122 | -.140 | -1.185 | 260 | 217 | -.639 | .260 | -.025 | -2.065 |
| 260 | 118 | -.634 | .191 | -.171 | -1.473 | 260 | 168 | -.456 | .121 | -.060 | -.917 | 260 | 218 | -.657 | .234 | -.168 | -1.931 |
| 260 | 119 | -.655 | .247 | -.156 | -2.623 | 260 | 169 | -.424 | .110 | -.045 | -.872 | 260 | 219 | -.721 | .273 | -.110 | -2.104 |
| 260 | 120 | -.394 | .111 | -.064 | -1.037 | 260 | 170 | -.417 | .110 | -.060 | -.890 | 260 | 220 | -.360 | .086 | -.112 | -1.735 |
| 260 | 121 | -.406 | .116 | -.084 | -1.122 | 260 | 171 | -.454 | .141 | -.117 | -1.145 | 260 | 221 | -.371 | .089 | -.134 | -1.749 |
| 260 | 122 | -.462 | .148 | -.119 | -2.099 | 260 | 172 | -.511 | .195 | -.032 | -1.520 | 260 | 222 | -.378 | .085 | -.131 | -1.769 |
| 260 | 123 | -.460 | .150 | -.021 | -1.189 | 260 | 173 | -.520 | .203 | -.030 | -1.485 | 260 | 223 | -.414 | .101 | -.102 | -1.805 |
| 260 | 124 | -.446 | .126 | -.046 | -.965 | 260 | 174 | -.546 | .225 | -.005 | -1.743 | 260 | 224 | -.449 | .107 | -.128 | -1.000 |
| 260 | 125 | -.431 | .124 | -.021 | -.982 | 260 | 175 | -.543 | .203 | -.020 | -1.355 | 260 | 225 | -.466 | .116 | -.099 | -1.152 |
| 260 | 126 | -.445 | .137 | -.076 | -1.139 | 260 | 176 | -.561 | .225 | -.103 | -1.790 | 260 | 226 | -.513 | .167 | -.226 | -1.496 |
| 260 | 127 | -.499 | .183 | -.046 | -1.727 | 260 | 177 | -.595 | .234 | -.010 | -1.840 | 260 | 227 | -.497 | .139 | -.123 | -1.282 |
| 260 | 128 | -.510 | .193 | -.018 | -1.580 | 260 | 178 | -.612 | .233 | -.030 | -2.013 | 260 | 228 | -.511 | .141 | -.162 | -1.246 |
| 260 | 129 | -.508 | .180 | -.081 | -1.336 | 260 | 179 | -.611 | .230 | -.140 | -1.668 | 260 | 229 | -.478 | .123 | -.138 | -1.056 |
| 260 | 130 | -.387 | .110 | -.089 | -1.035 | 260 | 180 | -.354 | .069 | -.127 | -.620 | 260 | 230 | -.473 | .123 | -.143 | -1.076 |
| 260 | 131 | -.413 | .126 | -.021 | -1.007 | 260 | 181 | -.351 | .069 | -.075 | -.675 | 260 | 231 | -.500 | .156 | -.162 | -1.420 |
| 260 | 132 | -.471 | .158 | -.099 | -1.119 | 260 | 182 | -.364 | .073 | -.132 | -.760 | 260 | 232 | -.530 | .195 | -.082 | -1.528 |
| 260 | 133 | -.472 | .147 | -.013 | -1.109 | 260 | 183 | -.372 | .076 | -.150 | -.710 | 260 | 233 | -.580 | .190 | -.069 | -1.562 |
| 260 | 134 | -.444 | .126 | -.074 | -.997 | 260 | 184 | -.407 | .086 | -.082 | -.757 | 260 | 234 | -.580 | .212 | -.069 | -1.441 |
| 260 | 135 | -.436 | .124 | -.068 | -.925 | 260 | 185 | -.441 | .107 | -.157 | -.857 | 260 | 235 | -.574 | .207 | -.025 | -1.919 |
| 260 | 136 | -.428 | .135 | -.063 | -1.186 | 260 | 186 | -.498 | .143 | -.167 | -1.142 | 260 | 236 | -.621 | .210 | -.027 | -1.649 |
| 260 | 137 | -.493 | .116 | -.220 | -1.048 | 260 | 187 | -.471 | .130 | -.152 | -1.047 | 260 | 237 | -.678 | .213 | -.166 | -1.951 |
| 260 | 138 | -.511 | .186 | -.096 | -1.610 | 260 | 188 | -.464 | .119 | -.125 | -1.002 | 260 | 238 | -.710 | .223 | -.067 | -2.590 |
| 260 | 139 | -.503 | .173 | -.143 | -1.363 | 260 | 189 | -.463 | .117 | -.110 | -.955 | 260 | 239 | -.695 | .217 | -.213 | -1.936 |
| 260 | 140 | -.351 | .079 | -.101 | -.656 | 260 | 190 | -.425 | .113 | -.077 | -.992 | 260 | 240 | -.363 | .090 | -.064 | -.879 |
| 260 | 141 | -.343 | .081 | -.104 | -.694 | 260 | 191 | -.461 | .135 | -.097 | -1.245 | 260 | 241 | -.374 | .099 | -.092 | -.849 |
| 260 | 142 | -.342 | .079 | -.064 | -.596 | 260 | 192 | -.507 | .182 | -.122 | -1.560 | 260 | 242 | -.385 | .102 | -.129 | -.812 |
| 260 | 143 | -.365 | .090 | -.104 | -.751 | 260 | 193 | -.524 | .213 | -.069 | -1.759 | 260 | 243 | -.423 | .111 | -.134 | -.948 |
| 260 | 144 | -.383 | .099 | -.099 | -.788 | 260 | 194 | -.567 | .252 | -.008 | -2.014 | 260 | 244 | -.450 | .123 | -.139 | -1.099 |
| 260 | 145 | -.421 | .116 | -.136 | -.965 | 260 | 195 | -.559 | .223 | -.002 | -1.621 | 260 | 245 | -.470 | .132 | -.134 | -1.082 |
| 260 | 146 | -.460 | .151 | -.109 | -1.251 | 260 | 196 | -.569 | .224 | -.069 | -1.653 | 260 | 246 | -.516 | .160 | -.062 | -1.513 |
| 260 | 147 | -.450 | .139 | -.010 | -1.022 | 260 | 197 | -.608 | .250 | -.017 | -2.046 | 260 | 247 | -.520 | .154 | -.139 | -1.240 |
| 260 | 148 | -.445 | .145 | -.009 | -1.151 | 260 | 198 | -.607 | .227 | -.052 | -1.992 | 260 | 248 | -.495 | .135 | -.203 | -1.060 |
| 260 | 149 | -.440 | .128 | -.060 | -1.057 | 260 | 199 | -.617 | .228 | -.121 | -2.029 | 260 | 249 | -.483 | .136 | -.193 | -1.028 |
| 260 | 150 | -.418 | .119 | -.055 | -1.045 | 260 | 200 | -.367 | .077 | -.116 | -.764 | 260 | 250 | -.503 | .143 | -.158 | -1.201 |
| 260 | 151 | -.430 | .120 | -.108 | -1.024 | 260 | 201 | -.355 | .071 | -.118 | -.678 | 260 | 251 | -.545 | .164 | -.064 | -1.716 |
| 260 | 152 | -.463 | .162 | -.032 | -1.177 | 260 | 202 | -.354 | .078 | -.146 | -.737 | 260 | 252 | -.553 | .188 | -.121 | -1.491 |
| 260 | 153 | -.504 | .181 | -.070 | -1.325 | 260 | 203 | -.393 | .087 | -.032 | -.747 | 260 | 253 | -.560 | .173 | -.119 | -1.315 |
| 260 | 154 | -.514 | .202 | -.123 | -1.512 | 260 | 204 | -.418 | .099 | -.101 | -.936 | 260 | 254 | -.532 | .181 | -.035 | -1.456 |
| 260 | 155 | -.497 | .182 | -.063 | -1.400 | 260 | 205 | -.437 | .112 | -.108 | -.899 | 260 | 255 | -.547 | .174 | -.094 | -1.196 |
| 260 | 156 | -.525 | .153 | -.080 | -1.215 | 260 | 206 | -.503 | .155 | -.182 | -1.152 | 260 | 256 | -.575 | .179 | -.074 | -1.374 |
| 260 | 157 | -.606 | .198 | -.082 | -1.522 | 260 | 207 | -.481 | .133 | -.165 | -1.113 | 260 | 257 | -.673 | .205 | -.131 | -1.706 |
| 260 | 158 | -.628 | .240 | -.110 | -.908 | 260 | 208 | -.486 | .133 | -.157 | -1.056 | 260 | 258 | -.741 | .217 | -.252 | -2.112 |
| 260 | 159 | -.656 | .274 | -.132 | -1.138 | 260 | 209 | -.453 | .114 | -.032 | -.894 | 260 | 259 | -.802 | .220 | -.275 | -1.978 |
| 260 | 160 | -.347 | .066 | -.167 | -.615 | 260 | 210 | -.438 | .111 | -.126 | -.902 | 260 | 260 | -.385 | .115 | -.059 | -1.327 |

| WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 260 | 261 | 370 | .117 | .044 | .961 | 260 | 311 | .116 | .076 | .123 | .670 | 260 | 408 | .338 | .064 | .158 | .589 |
| 260 | 262 | 405 | .122 | .094 | .008 | 260 | 312 | .126 | .077 | .254 | .490 | 260 | 409 | .344 | .066 | .112 | .582 |
| 260 | 263 | 418 | .129 | .003 | .037 | 260 | 313 | .169 | .088 | .141 | .675 | 260 | 410 | .329 | .066 | .151 | .594 |
| 260 | 264 | 439 | .129 | .008 | .144 | 260 | 314 | .092 | .097 | .524 | .822 | 260 | 411 | .329 | .065 | .171 | .589 |
| 260 | 265 | 437 | .133 | .072 | .988 | 260 | 315 | .199 | .156 | .416 | .870 | 260 | 412 | .340 | .068 | .132 | .618 |
| 260 | 266 | 458 | .148 | .035 | .330 | 260 | 316 | .425 | .147 | .091 | .444 | 260 | 413 | .344 | .074 | .100 | .674 |
| 260 | 267 | 470 | .126 | .072 | .037 | 260 | 317 | .320 | .125 | .029 | .719 | 260 | 414 | .333 | .073 | .129 | .640 |
| 260 | 268 | 463 | .134 | .136 | .421 | 260 | 318 | .253 | .081 | .024 | .726 | 260 | 415 | .340 | .074 | .122 | .681 |
| 260 | 269 | 459 | .118 | .114 | .867 | 260 | 319 | .321 | .086 | .037 | .719 | 260 | 416 | .333 | .084 | .084 | .842 |
| 260 | 270 | 458 | .123 | .106 | .993 | 260 | 320 | .242 | .115 | .143 | .657 | 260 | 417 | .347 | .083 | .095 | .723 |
| 260 | 271 | 509 | .163 | .134 | .329 | 260 | 321 | .255 | .095 | .182 | .585 | 260 | 418 | .354 | .083 | .133 | .816 |
| 260 | 272 | 515 | .168 | .119 | .300 | 260 | 322 | .118 | .070 | .149 | .643 | 260 | 419 | .355 | .100 | .063 | .865 |
| 260 | 273 | 511 | .170 | .129 | .380 | 260 | 323 | .131 | .075 | .161 | .677 | 260 | 420 | .355 | .097 | .001 | .939 |
| 260 | 274 | 500 | .144 | .079 | .677 | 260 | 324 | .163 | .091 | .113 | .673 | 260 | 421 | .367 | .099 | .056 | .349 |
| 260 | 275 | 471 | .139 | .163 | .134 | 260 | 325 | .060 | .122 | .641 | .443 | 260 | 422 | .376 | .115 | .004 | .834 |
| 260 | 276 | 485 | .148 | .183 | .104 | 260 | 326 | .097 | .127 | .551 | .651 | 260 | 423 | .388 | .117 | .021 | .084 |
| 260 | 277 | 531 | .187 | .208 | .466 | 260 | 327 | .330 | .107 | .049 | .000 | 260 | 424 | .388 | .113 | .084 | .267 |
| 260 | 278 | 709 | .214 | .195 | .755 | 260 | 328 | .284 | .113 | .136 | .600 | 260 | 425 | .394 | .119 | .022 | .885 |
| 260 | 279 | 733 | .214 | .186 | .684 | 260 | 329 | .219 | .070 | .126 | .634 | 260 | 426 | .418 | .137 | .056 | .687 |
| 260 | 280 | 430 | .131 | .109 | .038 | 260 | 330 | .232 | .085 | .218 | .720 | 260 | 427 | .414 | .131 | .082 | .945 |
| 260 | 281 | 403 | .108 | .003 | .878 | 260 | 331 | .216 | .108 | .182 | .554 | 260 | 428 | .431 | .140 | .096 | .343 |
| 260 | 282 | 390 | .119 | .029 | .919 | 260 | 332 | .104 | .071 | .146 | .441 | 260 | 429 | .437 | .131 | .021 | .951 |
| 260 | 283 | 367 | .137 | .203 | .228 | 260 | 333 | .113 | .073 | .131 | .623 | 260 | 430 | .384 | .125 | .088 | .980 |
| 260 | 284 | 401 | .136 | .047 | .043 | 260 | 334 | .115 | .072 | .169 | .451 | 260 | 431 | .196 | .100 | .216 | .651 |
| 260 | 285 | 370 | .107 | .091 | .907 | 260 | 335 | .139 | .094 | .228 | .720 | 260 | 432 | .128 | .094 | .245 | .653 |
| 260 | 286 | 369 | .104 | .016 | .922 | 260 | 336 | .189 | .081 | .303 | .571 | 260 | 433 | .112 | .079 | .250 | .562 |
| 260 | 287 | 355 | .117 | .037 | .981 | 260 | 337 | .206 | .097 | .164 | .671 | 260 | 434 | .110 | .090 | .279 | .523 |
| 260 | 288 | 327 | .102 | .055 | .778 | 260 | 338 | .220 | .103 | .192 | .603 | 260 | 435 | .107 | .071 | .127 | .465 |
| 260 | 289 | 342 | .102 | .070 | .878 | 260 | 339 | .233 | .098 | .114 | .643 | 260 | 436 | .399 | .134 | .061 | .024 |
| 260 | 290 | 356 | .105 | .060 | .860 | 260 | 340 | .230 | .076 | .073 | .562 | 260 | 437 | .415 | .154 | .066 | .200 |
| 260 | 291 | 331 | .089 | .114 | .843 | 260 | 341 | .238 | .076 | .099 | .614 | 260 | 438 | .406 | .147 | .056 | .091 |
| 260 | 292 | 329 | .086 | .111 | .752 | 260 | 342 | .189 | .068 | .156 | .437 | 260 | 439 | .414 | .125 | .060 | .973 |
| 260 | 293 | 333 | .091 | .119 | .914 | 260 | 343 | .167 | .070 | .207 | .455 | 260 | 440 | .388 | .119 | .045 | .818 |
| 260 | 294 | 287 | .076 | .016 | .726 | 260 | 344 | .281 | .089 | .054 | .766 | 260 | 441 | .276 | .136 | .347 | .807 |
| 260 | 295 | 298 | .093 | .052 | .829 | 260 | 345 | .282 | .089 | .065 | .766 | 260 | 442 | .267 | .134 | .172 | .927 |
| 260 | 296 | 339 | .098 | .050 | .904 | 260 | 346 | .204 | .101 | .250 | .588 | 260 | 443 | .276 | .109 | .120 | .014 |
| 260 | 297 | 350 | .164 | .240 | .383 | 260 | 347 | .126 | .111 | .443 | .470 | 260 | 444 | .167 | .087 | .211 | .760 |
| 260 | 298 | 329 | .172 | .082 | .433 | 260 | 348 | .184 | .070 | .195 | .512 | 260 | 445 | .110 | .065 | .321 | .403 |
| 260 | 299 | 358 | .189 | .092 | .432 | 260 | 349 | .186 | .081 | .396 | .413 | 260 | 446 | .104 | .067 | .122 | .515 |
| 260 | 300 | 127 | .094 | .138 | .721 | 260 | 350 | .248 | .080 | .148 | .564 | 260 | 447 | .113 | .066 | .127 | .442 |
| 260 | 301 | 185 | .097 | .082 | .218 | 260 | 351 | .299 | .073 | .016 | .661 | 260 | 448 | .277 | .080 | .063 | .640 |
| 260 | 302 | 113 | .098 | .326 | .809 | 260 | 352 | .283 | .076 | .071 | .611 | 260 | 449 | .288 | .081 | .081 | .685 |
| 260 | 303 | 160 | .168 | .530 | .020 | 260 | 353 | .281 | .078 | .084 | .604 | 260 | 450 | .449 | .126 | .178 | .275 |
| 260 | 304 | 297 | .167 | .339 | .912 | 260 | 401 | .340 | .090 | .018 | .672 | 260 | 451 | .479 | .152 | .155 | .215 |
| 260 | 305 | 489 | .199 | .075 | .912 | 260 | 402 | .344 | .090 | .060 | .741 | 260 | 452 | .531 | .221 | .155 | .223 |
| 260 | 306 | 411 | .144 | .065 | .159 | 260 | 403 | .356 | .093 | .071 | .768 | 260 | 453 | .494 | .168 | .178 | .374 |
| 260 | 307 | 346 | .128 | .005 | .220 | 260 | 404 | .329 | .078 | .078 | .642 | 260 | 454 | .594 | .246 | .191 | .218 |
| 260 | 308 | 315 | .110 | .014 | .220 | 260 | 405 | .330 | .076 | .098 | .618 | 260 | 455 | .457 | .150 | .146 | .302 |
| 260 | 309 | 341 | .092 | .042 | .823 | 260 | 406 | .343 | .081 | .105 | .698 | 260 | 456 | .488 | .203 | .119 | .754 |
| 260 | 310 | 120 | .073 | .156 | .433 | 260 | 407 | .332 | .065 | .132 | .596 | 260 | 457 | .278 | .073 | .033 | .596 |

| MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | MD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 260 | 458 | .262 | .076 | .053 | -.559 | 260 | 541 | .257 | .109 | .645 | -.016 | 260 | 591 | .031 | .049 | .215 | -.118 |
| 260 | 459 | .418 | .131 | -.156 | -1.174 | 260 | 542 | .115 | .084 | .185 | -.385 | 260 | 592 | .117 | .097 | .377 | -.445 |
| 260 | 460 | .369 | .099 | -.119 | -.766 | 260 | 543 | .334 | .078 | .101 | -.601 | 260 | 593 | .040 | .077 | .387 | -.177 |
| 260 | 461 | .516 | .210 | -.099 | -1.846 | 260 | 544 | .368 | .076 | -.089 | -.731 | 260 | 594 | .100 | .054 | .374 | -.051 |
| 260 | 462 | .017 | .165 | .665 | -.800 | 260 | 545 | .369 | .083 | -.037 | -.701 | 260 | 595 | .084 | .051 | .284 | -.159 |
| 260 | 463 | .256 | .147 | .129 | -1.006 | 260 | 546 | .042 | .147 | .425 | -.589 | 260 | 596 | .174 | .094 | .135 | -.592 |
| 260 | 464 | .030 | .136 | .524 | -.530 | 260 | 547 | .252 | .147 | .720 | -.217 | 260 | 597 | .152 | .077 | .060 | -.473 |
| 260 | 465 | .058 | .124 | .605 | -.441 | 260 | 548 | .454 | .155 | 1.074 | .029 | 260 | 598 | .218 | .073 | .003 | -.532 |
| 260 | 466 | .051 | .115 | .537 | -.282 | 260 | 549 | .433 | .140 | .948 | .085 | 260 | 599 | .302 | .083 | .047 | -.536 |
| 260 | 467 | .053 | .122 | .626 | -.337 | 260 | 550 | .221 | .114 | .658 | .062 | 260 | 600 | .145 | .063 | .351 | -.002 |
| 260 | 501 | .024 | .157 | .427 | -.931 | 260 | 551 | .109 | .095 | .267 | .421 | 260 | 601 | .136 | .061 | .349 | -.025 |
| 260 | 502 | .293 | .137 | .682 | -.128 | 260 | 552 | .329 | .083 | -.055 | .657 | 260 | 602 | .109 | .055 | .356 | -.020 |
| 260 | 503 | .337 | .144 | .787 | -.123 | 260 | 553 | .366 | .081 | -.151 | .748 | 260 | 603 | .082 | .066 | .414 | -.109 |
| 260 | 504 | .265 | .128 | .655 | -.251 | 260 | 554 | .346 | .088 | .092 | .947 | 260 | 604 | .045 | .053 | .287 | -.092 |
| 260 | 505 | .054 | .102 | .425 | .373 | 260 | 555 | .117 | .134 | .358 | -.645 | 260 | 605 | .045 | .053 | .308 | -.128 |
| 260 | 506 | .195 | .075 | .097 | -.454 | 260 | 556 | .169 | .137 | .759 | -.224 | 260 | 606 | .059 | .063 | .333 | -.097 |
| 260 | 507 | .387 | .084 | -.131 | -.740 | 260 | 557 | .386 | .142 | .830 | -.006 | 260 | 607 | .053 | .066 | .274 | -.192 |
| 260 | 508 | .342 | .075 | -.077 | -.628 | 260 | 558 | .355 | .138 | .946 | .044 | 260 | 608 | .084 | .086 | .590 | -.128 |
| 260 | 509 | .390 | .096 | .065 | -.733 | 260 | 559 | .147 | .099 | .604 | -.151 | 260 | 609 | .191 | .109 | .677 | -.102 |
| 260 | 510 | .104 | .160 | .540 | -.567 | 260 | 560 | .112 | .089 | .228 | .382 | 260 | 610 | .171 | .083 | .593 | -.000 |
| 260 | 511 | .419 | .163 | .846 | -.084 | 260 | 561 | .288 | .095 | .003 | .704 | 260 | 611 | .173 | .074 | .477 | -.008 |
| 260 | 512 | .599 | .138 | 1.066 | .045 | 260 | 562 | .330 | .083 | -.043 | .751 | 260 | 612 | .206 | .086 | .577 | -.005 |
| 260 | 513 | .551 | .156 | 1.054 | -.092 | 260 | 563 | .341 | .092 | .044 | .957 | 260 | 613 | .072 | .065 | .344 | -.105 |
| 260 | 514 | .253 | .123 | .687 | -.141 | 260 | 564 | .129 | .123 | .366 | -.960 | 260 | 614 | .045 | .074 | .482 | -.110 |
| 260 | 515 | .097 | .085 | .217 | -.417 | 260 | 565 | .116 | .116 | .565 | .310 | 260 | 615 | .033 | .062 | .274 | -.100 |
| 260 | 516 | .324 | .065 | .123 | -.564 | 260 | 566 | .288 | .129 | .828 | -.045 | 260 | 616 | .038 | .059 | .279 | -.156 |
| 260 | 517 | .353 | .073 | .119 | -.591 | 260 | 567 | .257 | .111 | .738 | -.017 | 260 | 617 | .279 | .093 | .000 | -.641 |
| 260 | 518 | .355 | .083 | .101 | -.652 | 260 | 568 | .083 | .073 | .380 | .133 | 260 | 618 | .269 | .081 | -.038 | -.638 |
| 260 | 519 | .072 | .157 | .518 | -.491 | 260 | 569 | .131 | .078 | .216 | -.416 | 260 | 619 | .296 | .093 | .033 | -.654 |
| 260 | 520 | .364 | .158 | .846 | -.138 | 260 | 570 | .260 | .087 | .088 | -.544 | 260 | 701 | .590 | .212 | -.275 | -.501 |
| 260 | 521 | .632 | .161 | 1.093 | .151 | 260 | 571 | .341 | .094 | -.087 | .655 | 260 | 702 | .709 | .252 | -.208 | -.004 |
| 260 | 522 | .596 | .146 | 1.030 | -.214 | 260 | 572 | .370 | .108 | .004 | .790 | 260 | 703 | .807 | .403 | -.251 | -.882 |
| 260 | 523 | .297 | .122 | .689 | -.072 | 260 | 573 | .139 | .075 | .326 | -.040 | 260 | 704 | .704 | .271 | -.124 | -.237 |
| 260 | 524 | .118 | .087 | .249 | -.368 | 260 | 574 | .067 | .045 | .276 | -.089 | 260 | 705 | .717 | .288 | -.224 | -.085 |
| 260 | 525 | .357 | .073 | .092 | -.657 | 260 | 575 | .074 | .062 | .137 | -.419 | 260 | 706 | .689 | .309 | -.180 | -.353 |
| 260 | 526 | .375 | .073 | .158 | -.630 | 260 | 576 | .119 | .105 | .341 | -.504 | 260 | 707 | .703 | .309 | -.207 | -.225 |
| 260 | 527 | .340 | .075 | .131 | -.657 | 260 | 577 | .074 | .097 | .485 | -.368 | 260 | 708 | .677 | .289 | -.202 | -.184 |
| 260 | 528 | .162 | .179 | .393 | -.882 | 260 | 578 | .131 | .077 | .467 | -.118 | 260 | 709 | .676 | .295 | -.188 | -.083 |
| 260 | 529 | .383 | .157 | .831 | -.180 | 260 | 579 | .103 | .060 | .418 | -.079 | 260 | 710 | .764 | .336 | -.235 | -.228 |
| 260 | 530 | .586 | .169 | 1.084 | .114 | 260 | 580 | .048 | .040 | .194 | -.084 | 260 | 711 | .739 | .344 | -.188 | -.407 |
| 260 | 531 | .545 | .157 | 1.054 | .161 | 260 | 581 | .000 | .042 | .168 | -.154 | 260 | 712 | .718 | .329 | -.232 | -.080 |
| 260 | 532 | .267 | .121 | .787 | -.074 | 260 | 582 | .007 | .048 | .199 | -.195 | 260 | 713 | .729 | .313 | -.074 | -.268 |
| 260 | 533 | .119 | .083 | .258 | -.393 | 260 | 583 | .038 | .054 | .189 | -.370 | 260 | 714 | .765 | .322 | -.244 | -.432 |
| 260 | 534 | .356 | .074 | .119 | -.652 | 260 | 584 | .152 | .063 | .016 | -.368 | 260 | 715 | .749 | .327 | -.244 | -.493 |
| 260 | 535 | .371 | .070 | .111 | -.589 | 260 | 585 | .230 | .075 | .001 | -.522 | 260 | 716 | .863 | .330 | -.050 | -.567 |
| 260 | 536 | .341 | .071 | .131 | -.586 | 260 | 586 | .348 | .119 | .001 | -.842 | 260 | 717 | .876 | .340 | -.234 | -.560 |
| 260 | 537 | .192 | .179 | .295 | -.963 | 260 | 587 | .069 | .044 | .243 | -.084 | 260 | 718 | .775 | .289 | -.251 | -.280 |
| 260 | 538 | .272 | .153 | .762 | -.394 | 260 | 588 | .062 | .052 | .310 | -.118 | 260 | 719 | .894 | .309 | -.031 | -.285 |
| 260 | 539 | .529 | .158 | 1.022 | .109 | 260 | 589 | .033 | .048 | .230 | -.115 | 260 | 720 | .909 | .299 | -.034 | -.181 |
| 260 | 540 | .502 | .147 | 1.005 | .151 | 260 | 590 | .014 | .049 | .199 | -.141 | 260 | 721 | .910 | .278 | -.302 | -.232 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|---------|
| 260 | 722 | -.869 | .255 | -.046 | -2.097 | 260 | 805 | .112 | .049 | .282 | -.004 | 260 | 950 | -.167 | .169 | .308 | -1.376 |
| 260 | 723 | -.851 | .259 | -.315 | -2.924 | 260 | 901 | -.616 | .256 | -.031 | -1.822 | 260 | 951 | -.384 | .217 | .111 | -1.670 |
| 260 | 724 | -.812 | .232 | -.356 | -1.866 | 260 | 902 | -.561 | .187 | -.078 | -1.579 | 260 | 952 | -.383 | .173 | -.077 | -1.538 |
| 260 | 725 | -.482 | .277 | -.287 | -1.635 | 260 | 903 | -.559 | .162 | -.197 | -1.277 | 260 | 953 | -.297 | .080 | -.006 | -.604 |
| 260 | 726 | -.633 | .283 | -.090 | -2.212 | 260 | 904 | -.594 | .154 | -.200 | -1.185 | 260 | 954 | -.308 | .078 | -.061 | -.607 |
| 260 | 727 | -.560 | .217 | -.085 | -1.597 | 260 | 905 | -.627 | .184 | -.224 | -1.428 | 270 | 101 | -.298 | .042 | -.174 | -.427 |
| 260 | 728 | -.178 | .081 | -.111 | -.514 | 260 | 906 | -.498 | .187 | -.260 | -1.229 | 270 | 102 | -.297 | .074 | -.054 | -.700 |
| 260 | 729 | -.132 | .066 | -.109 | -.434 | 260 | 907 | -.590 | .218 | -.250 | -1.759 | 270 | 103 | -.283 | .069 | -.019 | -.626 |
| 260 | 730 | -.143 | .056 | -.116 | -.358 | 260 | 908 | -.623 | .167 | -.228 | -1.379 | 270 | 104 | -.282 | .064 | -.069 | -.575 |
| 260 | 731 | -.144 | .064 | -.215 | -.350 | 260 | 909 | -.643 | .179 | -.178 | -1.479 | 270 | 105 | -.286 | .073 | -.069 | -.619 |
| 260 | 732 | -.113 | .054 | -.153 | -.368 | 260 | 910 | -.607 | .188 | -.042 | -1.345 | 270 | 106 | -.307 | .086 | -.059 | -.806 |
| 260 | 733 | -.076 | .055 | -.234 | -.303 | 260 | 911 | -.533 | .202 | -.008 | -1.635 | 270 | 107 | -.250 | .129 | -.150 | -.872 |
| 260 | 734 | -.063 | .086 | -.262 | -.463 | 260 | 912 | -.639 | .195 | -.124 | -1.618 | 270 | 108 | -.278 | .131 | -.251 | -.798 |
| 260 | 735 | -.214 | .124 | -.239 | -.834 | 260 | 913 | -.432 | .126 | -.134 | -1.070 | 270 | 109 | -.337 | .086 | -.037 | -.788 |
| 260 | 736 | -.235 | .103 | -.156 | -.582 | 260 | 914 | -.407 | .117 | -.097 | -.984 | 270 | 110 | -.358 | .089 | -.096 | -.791 |
| 260 | 737 | -.151 | .074 | -.158 | -.452 | 260 | 915 | -.488 | .152 | -.009 | -1.114 | 270 | 111 | -.328 | .069 | -.091 | -.749 |
| 260 | 738 | -.138 | .064 | -.103 | -.373 | 260 | 916 | -.543 | .165 | -.071 | -1.209 | 270 | 112 | -.321 | .067 | -.098 | -.761 |
| 260 | 739 | -.079 | .071 | -.370 | -.249 | 260 | 917 | -.574 | .167 | -.212 | -1.332 | 270 | 113 | -.321 | .068 | -.071 | -.783 |
| 260 | 740 | -.062 | .049 | -.184 | -.222 | 260 | 918 | -.458 | .138 | -.082 | -1.072 | 270 | 114 | -.325 | .073 | -.108 | -.786 |
| 260 | 741 | -.038 | .061 | -.234 | -.222 | 260 | 919 | -.461 | .132 | -.054 | -1.007 | 270 | 115 | -.312 | .067 | -.157 | -.823 |
| 260 | 742 | -.058 | .084 | -.344 | -.382 | 260 | 920 | -.382 | .143 | -.051 | -1.213 | 270 | 116 | -.321 | .073 | -.118 | -.774 |
| 260 | 743 | -.017 | .103 | -.549 | -.387 | 260 | 921 | -.442 | .188 | -.143 | -1.163 | 270 | 117 | -.492 | .116 | -.196 | -.1.169 |
| 260 | 744 | -.013 | .109 | -.472 | -.384 | 260 | 922 | -.447 | .154 | -.046 | -1.083 | 270 | 118 | -.731 | .125 | -.351 | -1.395 |
| 260 | 745 | -.175 | .135 | -.320 | -.779 | 260 | 923 | -.541 | .168 | -.027 | -1.455 | 270 | 119 | -.435 | .322 | -.312 | -.545 |
| 260 | 746 | -.207 | .134 | -.262 | -.884 | 260 | 924 | -.559 | .172 | -.019 | -1.289 | 270 | 120 | -.278 | .064 | -.064 | -.592 |
| 260 | 747 | -.193 | .136 | -.189 | -.072 | 260 | 925 | -.433 | .127 | -.142 | -1.044 | 270 | 121 | -.286 | .067 | -.027 | -.673 |
| 260 | 748 | -.418 | .187 | -.383 | -.490 | 260 | 926 | -.439 | .165 | -.066 | -1.304 | 270 | 122 | -.309 | .076 | -.056 | -.702 |
| 260 | 749 | -.396 | .124 | -.032 | -.907 | 260 | 927 | -.441 | .142 | -.042 | -1.105 | 270 | 123 | -.292 | .096 | -.064 | -.693 |
| 260 | 750 | -.395 | .118 | -.140 | -.032 | 260 | 928 | -.449 | .130 | -.005 | -1.102 | 270 | 124 | -.331 | .075 | -.059 | -.685 |
| 260 | 751 | -.315 | .090 | -.036 | -.789 | 260 | 929 | -.439 | .135 | -.032 | -1.136 | 270 | 125 | -.332 | .069 | -.105 | -.744 |
| 260 | 752 | -.348 | .095 | -.085 | -.847 | 260 | 930 | -.423 | .089 | -.051 | -.968 | 270 | 126 | -.342 | .072 | -.122 | -.882 |
| 260 | 753 | -.353 | .172 | -.270 | -.286 | 260 | 931 | -.426 | .157 | -.108 | -1.480 | 270 | 127 | -.360 | .080 | -.157 | -.059 |
| 260 | 754 | -.393 | .140 | -.155 | -.020 | 260 | 932 | -.358 | .104 | -.056 | -1.150 | 270 | 128 | -.341 | .067 | -.073 | -.860 |
| 260 | 755 | -.250 | .184 | -.414 | -.210 | 260 | 933 | -.518 | .275 | -.077 | -1.954 | 270 | 129 | -.325 | .067 | -.096 | -.867 |
| 260 | 756 | -.297 | .121 | -.095 | -.433 | 260 | 934 | -.447 | .137 | -.131 | -1.106 | 270 | 130 | -.282 | .064 | -.086 | -.540 |
| 260 | 757 | -.207 | .210 | -.608 | -.195 | 260 | 935 | -.338 | .073 | -.152 | -.630 | 270 | 131 | -.291 | .068 | -.103 | -.597 |
| 260 | 758 | -.369 | .097 | -.070 | -.789 | 260 | 936 | -.536 | .126 | -.144 | -1.223 | 270 | 132 | -.322 | .078 | -.081 | -.889 |
| 260 | 759 | -.391 | .130 | -.142 | -.153 | 260 | 937 | -.494 | .174 | -.118 | -1.480 | 270 | 133 | -.346 | .095 | -.034 | -.909 |
| 260 | 760 | -.197 | .094 | -.228 | -.526 | 260 | 938 | -.400 | .114 | -.131 | -1.098 | 270 | 134 | -.333 | .074 | -.086 | -.865 |
| 260 | 761 | -.207 | .102 | -.267 | -.651 | 260 | 939 | -.288 | .181 | -.285 | -1.106 | 270 | 135 | -.340 | .063 | -.105 | -.734 |
| 260 | 762 | -.385 | .110 | -.048 | -.844 | 260 | 940 | -.496 | .203 | -.118 | -1.639 | 270 | 136 | -.328 | .065 | -.042 | -.759 |
| 260 | 763 | -.408 | .124 | -.087 | -.992 | 260 | 941 | -.423 | .214 | -.079 | -1.592 | 270 | 137 | -.316 | .045 | -.213 | -.573 |
| 260 | 764 | -.387 | .116 | -.116 | -.101 | 260 | 942 | -.168 | .170 | -.532 | -.792 | 270 | 138 | -.342 | .064 | -.130 | -.720 |
| 260 | 765 | -.437 | .126 | -.134 | -.093 | 260 | 943 | -.387 | .169 | -.098 | -1.337 | 270 | 139 | -.336 | .068 | -.071 | -.926 |
| 260 | 766 | -.045 | .128 | -.753 | -.325 | 260 | 944 | -.325 | .082 | -.017 | -.641 | 270 | 140 | -.288 | .051 | -.125 | -.494 |
| 260 | 767 | -.453 | .134 | -.082 | -.163 | 260 | 945 | -.262 | .178 | -.160 | -1.441 | 270 | 141 | -.280 | .051 | -.113 | -.555 |
| 260 | 801 | -.047 | .057 | -.189 | -.290 | 260 | 946 | -.354 | .100 | -.090 | -.942 | 270 | 142 | -.279 | .046 | -.125 | -.449 |
| 260 | 802 | -.022 | .052 | -.228 | -.188 | 260 | 947 | -.176 | .123 | -.181 | -.992 | 270 | 143 | -.275 | .047 | -.110 | -.565 |
| 260 | 803 | -.087 | .033 | -.160 | -.082 | 260 | 948 | -.241 | .156 | -.170 | -1.187 | 270 | 144 | -.284 | .054 | -.116 | -.582 |
| 260 | 804 | -.092 | .047 | -.282 | -.040 | 260 | 949 | -.183 | .150 | -.321 | -1.668 | 270 | 145 | -.294 | .059 | -.073 | -.560 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 270 | 146 | .324 | .071 | .103 | .749 | 270 | 196 | .409 | .158 | .087 | -1.358 | 270 | 246 | .381 | .086 | .154 | -1.035 |
| 270 | 147 | .326 | .072 | .042 | .815 | 270 | 197 | .590 | .238 | .061 | -1.746 | 270 | 247 | .368 | .069 | .088 | .726 |
| 270 | 148 | .326 | .069 | .103 | .778 | 270 | 198 | .775 | .216 | .158 | -2.013 | 270 | 248 | .366 | .077 | .178 | .949 |
| 270 | 149 | .327 | .066 | .153 | .746 | 270 | 199 | .960 | .236 | .049 | -1.902 | 270 | 249 | .360 | .066 | .210 | .665 |
| 270 | 150 | .322 | .061 | .104 | .726 | 270 | 200 | .300 | .046 | .148 | .529 | 270 | 250 | .347 | .069 | .142 | .739 |
| 270 | 151 | .317 | .053 | .161 | .581 | 270 | 201 | .293 | .039 | .163 | .475 | 270 | 251 | .350 | .077 | .110 | .995 |
| 270 | 152 | .317 | .067 | .121 | .763 | 270 | 202 | .295 | .039 | .175 | .444 | 270 | 252 | .353 | .080 | .137 | .978 |
| 270 | 153 | .330 | .073 | .069 | .865 | 270 | 203 | .300 | .040 | .177 | .475 | 270 | 253 | .350 | .073 | .169 | .878 |
| 270 | 154 | .347 | .067 | .079 | .748 | 270 | 204 | .314 | .043 | .184 | .541 | 270 | 254 | .360 | .077 | .166 | -1.013 |
| 270 | 155 | .332 | .065 | .109 | .852 | 270 | 205 | .317 | .052 | .138 | .609 | 270 | 255 | .329 | .076 | .139 | .932 |
| 270 | 156 | .363 | .078 | .151 | .904 | 270 | 206 | .327 | .069 | .155 | .929 | 270 | 256 | .333 | .109 | .078 | -1.110 |
| 270 | 157 | .333 | .153 | .257 | .307 | 270 | 207 | .326 | .060 | .097 | .747 | 270 | 257 | .455 | .183 | .093 | -1.592 |
| 270 | 158 | .830 | .291 | .297 | .771 | 270 | 208 | .322 | .056 | .138 | .733 | 270 | 258 | .647 | .183 | .230 | -1.732 |
| 270 | 159 | .089 | .249 | .237 | .867 | 270 | 209 | .315 | .053 | .143 | .662 | 270 | 259 | .823 | .232 | .200 | -1.741 |
| 270 | 160 | .281 | .038 | .171 | .467 | 270 | 210 | .316 | .059 | .095 | .764 | 270 | 260 | .308 | .082 | .037 | .562 |
| 270 | 161 | .279 | .040 | .171 | .511 | 270 | 211 | .321 | .064 | .189 | .750 | 270 | 261 | .315 | .086 | .027 | .685 |
| 270 | 162 | .279 | .035 | .158 | .447 | 270 | 212 | .334 | .084 | .129 | -1.264 | 270 | 262 | .321 | .090 | .037 | .682 |
| 270 | 163 | .282 | .038 | .166 | .472 | 270 | 213 | .336 | .083 | .121 | -1.009 | 270 | 263 | .326 | .090 | .012 | .712 |
| 270 | 164 | .297 | .048 | .141 | .618 | 270 | 214 | .351 | .045 | .269 | .631 | 270 | 264 | .331 | .089 | .041 | .719 |
| 270 | 165 | .303 | .057 | .168 | .761 | 270 | 215 | .337 | .091 | .029 | -1.198 | 270 | 265 | .339 | .084 | .078 | .748 |
| 270 | 166 | .321 | .073 | .084 | .899 | 270 | 216 | .367 | .127 | .053 | -1.462 | 270 | 266 | .362 | .093 | .003 | .849 |
| 270 | 167 | .313 | .068 | .139 | .721 | 270 | 217 | .530 | .224 | .127 | -1.865 | 270 | 267 | .358 | .087 | .027 | .836 |
| 270 | 168 | .312 | .067 | .126 | .852 | 270 | 218 | .720 | .221 | .252 | -1.858 | 270 | 268 | .375 | .081 | .010 | .885 |
| 270 | 169 | .304 | .056 | .092 | .674 | 270 | 219 | .900 | .236 | .223 | -2.191 | 270 | 269 | .376 | .077 | .147 | .790 |
| 270 | 170 | .292 | .054 | .060 | .669 | 270 | 220 | .307 | .051 | .113 | .359 | 270 | 270 | .401 | .093 | .161 | .763 |
| 270 | 171 | .303 | .071 | .106 | .798 | 270 | 221 | .309 | .049 | .132 | .545 | 270 | 271 | .442 | .136 | .103 | -1.428 |
| 270 | 172 | .318 | .089 | .027 | .820 | 270 | 222 | .310 | .047 | .159 | .823 | 270 | 272 | .432 | .142 | .147 | -1.194 |
| 270 | 173 | .324 | .089 | .039 | .153 | 270 | 223 | .322 | .045 | .166 | .555 | 270 | 273 | .445 | .142 | .144 | -1.052 |
| 270 | 174 | .349 | .091 | .010 | .099 | 270 | 224 | .334 | .053 | .192 | .623 | 270 | 274 | .382 | .098 | .139 | .851 |
| 270 | 175 | .359 | .097 | .034 | .072 | 270 | 225 | .329 | .061 | .146 | .764 | 270 | 275 | .355 | .085 | .083 | .810 |
| 270 | 176 | .431 | .163 | .101 | .852 | 270 | 226 | .348 | .078 | .196 | .968 | 270 | 276 | .305 | .083 | .100 | .939 |
| 270 | 177 | .587 | .226 | .035 | .837 | 270 | 227 | .342 | .080 | .187 | .803 | 270 | 277 | .350 | .134 | .037 | -1.201 |
| 270 | 178 | .777 | .221 | .104 | .833 | 270 | 228 | .332 | .064 | .192 | .815 | 270 | 278 | .504 | .166 | .158 | -1.783 |
| 270 | 179 | .929 | .228 | .166 | .902 | 270 | 229 | .335 | .057 | .146 | .614 | 270 | 279 | .625 | .209 | .126 | -1.864 |
| 270 | 180 | .285 | .036 | .144 | .418 | 270 | 230 | .323 | .059 | .138 | .769 | 270 | 280 | .341 | .099 | .093 | .904 |
| 270 | 181 | .282 | .038 | .136 | .413 | 270 | 231 | .341 | .072 | .085 | .890 | 270 | 281 | .344 | .078 | .062 | .646 |
| 270 | 182 | .284 | .037 | .148 | .435 | 270 | 232 | .340 | .069 | .120 | .802 | 270 | 282 | .340 | .103 | .007 | .759 |
| 270 | 183 | .295 | .041 | .129 | .499 | 270 | 233 | .341 | .067 | .081 | .807 | 270 | 283 | .272 | .116 | .125 | -1.229 |
| 270 | 184 | .299 | .047 | .144 | .637 | 270 | 234 | .352 | .076 | .159 | -1.005 | 270 | 284 | .310 | .096 | .078 | .705 |
| 270 | 185 | .311 | .059 | .144 | .744 | 270 | 235 | .349 | .099 | .019 | -1.159 | 270 | 285 | .273 | .077 | .032 | .631 |
| 270 | 186 | .330 | .084 | .126 | .978 | 270 | 236 | .368 | .127 | .012 | -1.269 | 270 | 286 | .299 | .070 | .055 | .651 |
| 270 | 187 | .322 | .076 | .114 | .815 | 270 | 237 | .504 | .199 | .134 | -1.688 | 270 | 287 | .307 | .079 | .019 | .625 |
| 270 | 188 | .315 | .064 | .151 | .949 | 270 | 238 | .702 | .231 | .193 | -1.969 | 270 | 288 | .282 | .083 | .073 | .695 |
| 270 | 189 | .306 | .060 | .035 | .662 | 270 | 239 | .831 | .221 | .291 | -2.030 | 270 | 289 | .280 | .078 | .073 | .784 |
| 270 | 190 | .305 | .056 | .094 | .647 | 270 | 240 | .304 | .064 | .002 | .812 | 270 | 290 | .304 | .073 | .075 | .623 |
| 270 | 191 | .307 | .074 | .106 | .909 | 270 | 241 | .316 | .065 | .095 | .851 | 270 | 291 | .274 | .057 | .108 | .538 |
| 270 | 192 | .325 | .083 | .121 | .013 | 270 | 242 | .313 | .058 | .090 | .572 | 270 | 292 | .262 | .057 | .085 | .515 |
| 270 | 193 | .327 | .088 | .078 | .126 | 270 | 243 | .341 | .080 | .134 | .626 | 270 | 293 | .282 | .072 | .093 | .664 |
| 270 | 194 | .341 | .091 | .048 | .308 | 270 | 244 | .355 | .066 | .039 | .736 | 270 | 294 | .205 | .050 | .039 | .441 |
| 270 | 195 | .355 | .100 | .027 | .152 | 270 | 245 | .359 | .073 | .156 | .973 | 270 | 295 | .207 | .056 | .034 | .572 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 270 | 296 | .260 | .068 | .057 | -.876 | 270 | 346 | .140 | .083 | .247 | -.411 | 270 | 443 | -.289 | .127 | .066 | -1.017 |
| 270 | 297 | .110 | .085 | -.912 | -.912 | 270 | 347 | .064 | .107 | .468 | -.483 | 270 | 444 | -.124 | .083 | .223 | -.491 |
| 270 | 298 | .162 | .108 | .122 | .784 | 270 | 348 | .130 | .054 | .115 | -.341 | 270 | 445 | -.078 | .052 | .123 | -.344 |
| 270 | 299 | .195 | .117 | .119 | .953 | 270 | 349 | .115 | .063 | .301 | -.390 | 270 | 446 | -.077 | .058 | .123 | -.473 |
| 270 | 300 | .094 | .070 | .163 | .695 | 270 | 350 | .190 | .059 | .105 | -.421 | 270 | 447 | -.101 | .066 | .105 | -.473 |
| 270 | 301 | .164 | .080 | .012 | .654 | 270 | 351 | .230 | .058 | .024 | -.476 | 270 | 448 | -.196 | .047 | .002 | -.388 |
| 270 | 302 | .081 | .073 | .260 | .541 | 270 | 352 | .223 | .046 | .063 | -.470 | 270 | 449 | -.200 | .047 | .032 | -.390 |
| 270 | 303 | .095 | .143 | .398 | .848 | 270 | 353 | .208 | .046 | .047 | -.383 | 270 | 450 | -.347 | .080 | .156 | -.767 |
| 270 | 304 | .239 | .117 | .214 | .743 | 270 | 401 | .294 | .062 | .083 | -.512 | 270 | 451 | -.374 | .099 | .148 | -.963 |
| 270 | 305 | .377 | .120 | .134 | .694 | 270 | 402 | .294 | .067 | .066 | -.604 | 270 | 452 | -.420 | .146 | .161 | -1.412 |
| 270 | 306 | .355 | .111 | .121 | .622 | 270 | 403 | .298 | .063 | .078 | -.604 | 270 | 453 | -.393 | .107 | .145 | -.994 |
| 270 | 307 | .290 | .091 | .093 | .822 | 270 | 404 | .278 | .042 | .103 | -.437 | 270 | 454 | -.489 | .163 | .143 | -1.636 |
| 270 | 308 | .262 | .079 | .067 | .743 | 270 | 405 | .280 | .044 | .127 | -.456 | 270 | 455 | -.390 | .112 | .091 | -1.140 |
| 270 | 309 | .286 | .067 | .073 | .677 | 270 | 406 | .278 | .043 | .130 | -.437 | 270 | 456 | -.464 | .164 | .104 | -1.316 |
| 270 | 310 | .087 | .060 | .099 | .523 | 270 | 407 | .274 | .034 | .113 | -.423 | 270 | 457 | -.210 | .049 | .012 | -.456 |
| 270 | 311 | .093 | .067 | .142 | .426 | 270 | 408 | .283 | .036 | .137 | -.423 | 270 | 458 | -.195 | .052 | .113 | -.432 |
| 270 | 312 | .092 | .061 | .158 | .574 | 270 | 409 | .283 | .038 | .151 | -.438 | 270 | 459 | -.331 | .088 | .115 | -.998 |
| 270 | 313 | .148 | .086 | .078 | .710 | 270 | 410 | .282 | .041 | .156 | -.528 | 270 | 460 | -.308 | .071 | .122 | -.673 |
| 270 | 314 | .064 | .074 | .429 | .364 | 270 | 411 | .282 | .037 | .186 | -.438 | 270 | 461 | -.395 | .162 | .086 | -1.145 |
| 270 | 315 | .123 | .132 | .516 | .648 | 270 | 412 | .288 | .037 | .171 | -.463 | 270 | 462 | -.059 | .132 | .725 | .533 |
| 270 | 316 | .330 | .104 | .116 | .002 | 270 | 413 | .292 | .044 | .161 | -.507 | 270 | 463 | -.152 | .120 | .278 | .993 |
| 270 | 317 | .245 | .088 | .020 | .853 | 270 | 414 | .297 | .044 | .173 | -.499 | 270 | 464 | -.012 | .115 | .310 | .427 |
| 270 | 318 | .212 | .061 | .016 | .546 | 270 | 415 | .293 | .043 | .163 | -.528 | 270 | 465 | .078 | .094 | .673 | .239 |
| 270 | 319 | .233 | .062 | .042 | .615 | 270 | 416 | .297 | .051 | .134 | -.536 | 270 | 466 | .070 | .095 | .536 | .164 |
| 270 | 320 | .193 | .078 | .123 | .493 | 270 | 417 | .296 | .053 | .118 | -.610 | 270 | 467 | .083 | .103 | .681 | .210 |
| 270 | 321 | .203 | .072 | .168 | .428 | 270 | 418 | .309 | .055 | .169 | -.787 | 270 | 501 | .077 | .169 | .600 | .613 |
| 270 | 322 | .097 | .064 | .081 | .439 | 270 | 419 | .303 | .070 | .055 | -.888 | 270 | 502 | .362 | .138 | .791 | .146 |
| 270 | 323 | .115 | .071 | .140 | .518 | 270 | 420 | .293 | .069 | .093 | -.723 | 270 | 503 | .306 | .127 | .675 | .132 |
| 270 | 324 | .129 | .091 | .140 | .889 | 270 | 421 | .314 | .068 | .095 | -.718 | 270 | 504 | .141 | .116 | .523 | .202 |
| 270 | 325 | .027 | .091 | .421 | .352 | 270 | 422 | .308 | .084 | .033 | -.723 | 270 | 505 | -.088 | .080 | .287 | .407 |
| 270 | 326 | .031 | .104 | .517 | .423 | 270 | 423 | .313 | .084 | .013 | -.736 | 270 | 506 | -.306 | .059 | .091 | -.545 |
| 270 | 327 | .247 | .075 | .033 | .645 | 270 | 424 | .333 | .086 | .016 | -.761 | 270 | 507 | -.403 | .067 | .175 | .625 |
| 270 | 328 | .198 | .079 | .087 | .514 | 270 | 425 | .332 | .093 | .044 | -.751 | 270 | 508 | -.319 | .056 | .108 | .526 |
| 270 | 329 | .168 | .056 | .128 | .423 | 270 | 426 | .327 | .096 | .070 | -.728 | 270 | 509 | -.317 | .064 | .134 | .552 |
| 270 | 330 | .196 | .061 | .079 | .476 | 270 | 427 | .360 | .100 | .103 | -.107 | 270 | 510 | -.158 | .158 | .762 | .415 |
| 270 | 331 | .189 | .068 | .110 | .436 | 270 | 428 | .347 | .090 | .030 | -.710 | 270 | 511 | .516 | .156 | .968 | .025 |
| 270 | 332 | .074 | .051 | .135 | .341 | 270 | 429 | .333 | .102 | .047 | -.988 | 270 | 512 | .614 | .148 | .120 | .132 |
| 270 | 333 | .099 | .067 | .158 | .464 | 270 | 430 | .313 | .108 | .283 | -.958 | 270 | 513 | -.428 | .145 | .912 | .023 |
| 270 | 334 | .079 | .050 | .100 | .331 | 270 | 431 | .123 | .097 | .213 | -.604 | 270 | 514 | -.061 | .103 | .480 | .311 |
| 270 | 335 | .108 | .083 | .199 | .624 | 270 | 432 | .067 | .065 | .125 | -.321 | 270 | 515 | -.261 | .073 | .032 | .526 |
| 270 | 336 | .148 | .064 | .217 | .326 | 270 | 433 | .085 | .064 | .138 | -.450 | 270 | 516 | -.373 | .051 | .241 | .562 |
| 270 | 337 | .171 | .066 | .158 | .451 | 270 | 434 | .088 | .067 | .125 | -.574 | 270 | 517 | -.305 | .048 | .166 | .523 |
| 270 | 338 | .194 | .067 | .021 | .446 | 270 | 435 | .083 | .052 | .079 | -.902 | 270 | 518 | -.287 | .044 | .158 | .473 |
| 270 | 339 | .207 | .053 | .058 | .380 | 270 | 436 | .341 | .100 | .121 | -.902 | 270 | 519 | -.082 | .166 | .625 | .429 |
| 270 | 340 | .166 | .053 | .133 | .408 | 270 | 437 | .349 | .112 | .093 | -.015 | 270 | 520 | -.445 | .159 | .960 | .139 |
| 270 | 341 | .180 | .051 | .020 | .416 | 270 | 438 | .337 | .097 | .108 | -.912 | 270 | 521 | -.650 | .153 | .098 | .163 |
| 270 | 342 | .138 | .053 | .125 | .313 | 270 | 439 | .359 | .101 | .095 | -.828 | 270 | 522 | -.485 | .139 | .873 | .061 |
| 270 | 343 | .125 | .058 | .184 | .367 | 270 | 440 | .364 | .101 | .136 | -.823 | 270 | 523 | -.074 | .099 | .414 | .216 |
| 270 | 344 | .220 | .067 | .014 | .561 | 270 | 441 | .305 | .097 | .154 | -.708 | 270 | 524 | -.296 | .081 | .054 | .586 |
| 270 | 345 | .231 | .068 | .004 | .532 | 270 | 442 | .304 | .109 | .079 | -.071 | 270 | 525 | -.387 | .053 | .207 | .627 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 270 | 526 | 309 | 046 | 180 | 550 | 270 | 576 | 009 | 098 | 443 | 444 | 270 | 707 | 298 | 436 | 383 | 614 |
| 270 | 527 | 289 | 043 | 144 | 506 | 270 | 577 | 109 | 092 | 662 | 126 | 270 | 708 | 323 | 342 | 141 | 517 |
| 270 | 528 | 216 | 209 | 048 | 508 | 270 | 578 | 138 | 080 | 473 | 129 | 270 | 709 | 355 | 324 | 250 | 386 |
| 270 | 529 | 430 | 148 | 016 | 011 | 270 | 579 | 083 | 063 | 366 | 088 | 270 | 710 | 428 | 411 | 250 | 695 |
| 270 | 530 | 561 | 166 | 062 | 098 | 270 | 580 | 018 | 034 | 146 | 108 | 270 | 711 | 291 | 378 | 216 | 976 |
| 270 | 531 | 430 | 132 | 222 | 042 | 270 | 581 | 033 | 043 | 256 | 195 | 270 | 712 | 287 | 367 | 236 | 529 |
| 270 | 532 | 073 | 102 | 479 | 345 | 270 | 582 | 039 | 047 | 158 | 190 | 270 | 713 | 161 | 461 | 432 | 660 |
| 270 | 533 | 301 | 086 | 021 | 606 | 270 | 583 | 103 | 046 | 079 | 287 | 270 | 714 | 229 | 380 | 194 | 485 |
| 270 | 534 | 389 | 063 | 231 | 537 | 270 | 584 | 199 | 061 | 041 | 421 | 270 | 715 | 219 | 357 | 175 | 439 |
| 270 | 535 | 314 | 047 | 158 | 521 | 270 | 585 | 238 | 066 | 039 | 569 | 270 | 716 | 008 | 482 | 495 | 968 |
| 270 | 536 | 293 | 044 | 171 | 456 | 270 | 586 | 305 | 085 | 039 | 664 | 270 | 717 | 124 | 383 | 068 | 862 |
| 270 | 537 | 142 | 202 | 581 | 840 | 270 | 587 | 039 | 045 | 230 | 128 | 270 | 718 | 077 | 349 | 134 | 202 |
| 270 | 538 | 399 | 159 | 988 | 040 | 270 | 588 | 027 | 049 | 294 | 190 | 270 | 719 | 809 | 424 | 346 | 827 |
| 270 | 539 | 536 | 153 | 009 | 088 | 270 | 589 | 020 | 044 | 161 | 164 | 270 | 720 | 946 | 340 | 077 | 268 |
| 270 | 540 | 386 | 143 | 970 | 020 | 270 | 590 | 032 | 041 | 138 | 172 | 270 | 721 | 918 | 320 | 097 | 903 |
| 270 | 541 | 065 | 106 | 414 | 226 | 270 | 591 | 011 | 044 | 181 | 144 | 270 | 722 | 509 | 311 | 161 | 497 |
| 270 | 542 | 280 | 084 | 016 | 598 | 270 | 592 | 000 | 092 | 450 | 351 | 270 | 723 | 758 | 345 | 283 | 484 |
| 270 | 543 | 387 | 065 | 200 | 700 | 270 | 593 | 090 | 090 | 668 | 088 | 270 | 724 | 706 | 291 | 092 | 005 |
| 270 | 544 | 325 | 051 | 149 | 581 | 270 | 594 | 089 | 052 | 299 | 041 | 270 | 725 | 251 | 264 | 520 | 465 |
| 270 | 545 | 311 | 047 | 161 | 502 | 270 | 595 | 063 | 049 | 269 | 149 | 270 | 726 | 365 | 255 | 382 | 618 |
| 270 | 546 | 009 | 154 | 683 | 589 | 270 | 596 | 290 | 101 | 041 | 866 | 270 | 727 | 350 | 194 | 242 | 388 |
| 270 | 547 | 305 | 151 | 903 | 131 | 270 | 597 | 212 | 072 | 661 | 523 | 270 | 728 | 129 | 076 | 226 | 407 |
| 270 | 548 | 480 | 152 | 998 | 048 | 270 | 598 | 227 | 063 | 667 | 541 | 270 | 729 | 080 | 059 | 169 | 318 |
| 270 | 549 | 353 | 143 | 922 | 022 | 270 | 599 | 285 | 071 | 699 | 598 | 270 | 730 | 084 | 057 | 169 | 316 |
| 270 | 550 | 045 | 104 | 466 | 221 | 270 | 600 | 123 | 065 | 533 | 039 | 270 | 731 | 086 | 063 | 229 | 342 |
| 270 | 551 | 258 | 086 | 036 | 585 | 270 | 601 | 113 | 058 | 412 | 031 | 270 | 732 | 057 | 063 | 348 | 265 |
| 270 | 552 | 388 | 069 | 163 | 622 | 270 | 602 | 088 | 048 | 330 | 043 | 270 | 733 | 034 | 056 | 278 | 239 |
| 270 | 553 | 331 | 055 | 158 | 566 | 270 | 603 | 068 | 051 | 255 | 148 | 270 | 734 | 034 | 079 | 371 | 448 |
| 270 | 554 | 309 | 056 | 095 | 592 | 270 | 604 | 022 | 043 | 184 | 137 | 270 | 735 | 149 | 099 | 200 | 425 |
| 270 | 555 | 001 | 162 | 641 | 563 | 270 | 605 | 022 | 040 | 138 | 153 | 270 | 736 | 203 | 071 | 066 | 487 |
| 270 | 556 | 240 | 140 | 796 | 180 | 270 | 606 | 009 | 063 | 179 | 127 | 270 | 737 | 118 | 052 | 082 | 311 |
| 270 | 557 | 377 | 150 | 933 | 014 | 270 | 607 | 043 | 043 | 357 | 127 | 270 | 738 | 090 | 048 | 149 | 239 |
| 270 | 558 | 273 | 119 | 679 | 046 | 270 | 608 | 100 | 074 | 451 | 051 | 270 | 739 | 044 | 058 | 314 | 197 |
| 270 | 559 | 006 | 085 | 349 | 262 | 270 | 609 | 170 | 097 | 655 | 030 | 270 | 740 | 019 | 050 | 249 | 156 |
| 270 | 560 | 252 | 088 | 107 | 539 | 270 | 610 | 170 | 086 | 550 | 002 | 270 | 741 | 006 | 051 | 234 | 215 |
| 270 | 561 | 353 | 071 | 143 | 592 | 270 | 611 | 180 | 085 | 599 | 020 | 270 | 742 | 032 | 068 | 304 | 283 |
| 270 | 562 | 316 | 061 | 126 | 578 | 270 | 612 | 141 | 080 | 540 | 061 | 270 | 743 | 055 | 085 | 484 | 201 |
| 270 | 563 | 312 | 068 | 078 | 590 | 270 | 613 | 005 | 051 | 280 | 130 | 270 | 744 | 031 | 088 | 528 | 283 |
| 270 | 564 | 004 | 127 | 488 | 466 | 270 | 614 | 032 | 049 | 204 | 173 | 270 | 745 | 047 | 107 | 377 | 550 |
| 270 | 565 | 172 | 123 | 728 | 122 | 270 | 615 | 029 | 042 | 163 | 158 | 270 | 746 | 086 | 122 | 247 | 731 |
| 270 | 566 | 280 | 132 | 818 | 003 | 270 | 616 | 007 | 045 | 201 | 145 | 270 | 747 | 115 | 126 | 335 | 807 |
| 270 | 567 | 193 | 101 | 598 | 094 | 270 | 617 | 315 | 082 | 071 | 601 | 270 | 748 | 353 | 148 | 229 | 119 |
| 270 | 568 | 018 | 067 | 235 | 240 | 270 | 618 | 297 | 078 | 066 | 639 | 270 | 749 | 341 | 092 | 043 | 830 |
| 270 | 569 | 220 | 074 | 065 | 481 | 270 | 619 | 287 | 072 | 066 | 578 | 270 | 750 | 334 | 076 | 138 | 766 |
| 270 | 570 | 310 | 079 | 080 | 573 | 270 | 701 | 039 | 191 | 490 | 189 | 270 | 751 | 258 | 069 | 053 | 704 |
| 270 | 571 | 321 | 071 | 080 | 597 | 270 | 702 | 936 | 439 | 063 | 277 | 270 | 752 | 283 | 068 | 110 | 714 |
| 270 | 572 | 320 | 080 | 024 | 585 | 270 | 703 | 297 | 461 | 240 | 335 | 270 | 753 | 294 | 141 | 141 | 034 |
| 270 | 573 | 126 | 078 | 412 | 064 | 270 | 704 | 963 | 434 | 422 | 313 | 270 | 754 | 340 | 111 | 015 | 843 |
| 270 | 574 | 006 | 045 | 263 | 139 | 270 | 705 | 318 | 331 | 192 | 369 | 270 | 755 | 175 | 148 | 350 | 877 |
| 270 | 575 | 154 | 057 | 005 | 436 | 270 | 706 | 203 | 335 | 158 | 202 | 270 | 756 | 256 | 102 | 144 | 781 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 270 | 757 | 199 | 176 | 381 | -1.083 | 270 | 935 | 239 | 048 | 101 | 514 | 280 | 131 | 287 | 045 | 130 | 578 |
| 270 | 758 | 300 | 067 | 110 | -673 | 270 | 936 | 408 | 094 | 093 | 822 | 280 | 132 | 312 | 051 | 154 | 592 |
| 270 | 759 | 330 | 089 | 127 | -889 | 270 | 937 | 398 | 133 | 045 | 412 | 280 | 133 | 343 | 065 | 118 | 792 |
| 270 | 760 | 156 | 077 | 261 | -591 | 270 | 938 | 330 | 077 | 127 | 745 | 280 | 134 | 333 | 050 | 106 | 532 |
| 270 | 761 | 148 | 080 | 258 | -501 | 270 | 939 | 213 | 136 | 317 | 612 | 280 | 135 | 322 | 045 | 185 | 522 |
| 270 | 762 | 313 | 079 | 135 | -738 | 270 | 940 | 432 | 151 | 158 | 633 | 280 | 136 | 313 | 045 | 156 | 533 |
| 270 | 763 | 337 | 078 | 117 | -717 | 270 | 941 | 337 | 153 | 078 | 240 | 280 | 137 | 331 | 033 | 205 | 467 |
| 270 | 764 | 340 | 092 | 127 | -776 | 270 | 942 | 106 | 151 | 474 | 661 | 280 | 138 | 327 | 040 | 181 | 467 |
| 270 | 765 | 347 | 091 | 119 | -730 | 270 | 943 | 354 | 134 | 063 | 025 | 280 | 139 | 326 | 037 | 123 | 467 |
| 270 | 766 | 061 | 102 | 664 | -229 | 270 | 944 | 264 | 052 | 093 | 543 | 280 | 140 | 305 | 049 | 128 | 508 |
| 270 | 767 | 380 | 093 | 153 | -820 | 270 | 945 | 111 | 083 | 150 | 725 | 280 | 141 | 303 | 048 | 168 | 457 |
| 270 | 801 | 112 | 047 | 058 | -283 | 270 | 946 | 279 | 073 | 006 | 712 | 280 | 142 | 298 | 049 | 147 | 457 |
| 270 | 802 | 043 | 042 | 163 | -191 | 270 | 947 | 134 | 078 | 117 | 627 | 280 | 143 | 287 | 043 | 132 | 445 |
| 270 | 803 | 037 | 024 | 042 | -109 | 270 | 948 | 194 | 064 | 063 | 666 | 280 | 144 | 289 | 041 | 161 | 474 |
| 270 | 804 | 047 | 042 | 202 | -086 | 270 | 949 | 105 | 084 | 279 | 627 | 280 | 145 | 288 | 041 | 161 | 493 |
| 270 | 805 | 089 | 048 | 271 | -058 | 270 | 950 | 083 | 118 | 340 | 945 | 280 | 146 | 331 | 042 | 168 | 472 |
| 270 | 901 | 487 | 207 | 117 | -1.541 | 270 | 951 | 281 | 147 | 060 | 197 | 280 | 147 | 332 | 043 | 163 | 487 |
| 270 | 902 | 574 | 154 | 089 | -1.243 | 270 | 952 | 324 | 124 | 009 | 153 | 280 | 148 | 333 | 048 | 181 | 521 |
| 270 | 903 | 628 | 131 | 223 | -1.169 | 270 | 953 | 228 | 052 | 086 | 476 | 280 | 149 | 332 | 048 | 200 | 514 |
| 270 | 904 | 739 | 127 | 324 | -1.114 | 270 | 954 | 240 | 053 | 093 | 553 | 280 | 150 | 331 | 046 | 163 | 492 |
| 270 | 905 | 919 | 189 | 339 | -1.534 | 280 | 101 | 302 | 042 | 195 | 477 | 280 | 151 | 338 | 037 | 192 | 442 |
| 270 | 906 | 393 | 151 | 192 | -1.157 | 280 | 102 | 288 | 052 | 130 | 498 | 280 | 152 | 335 | 043 | 146 | 458 |
| 270 | 907 | 535 | 177 | 144 | -1.337 | 280 | 103 | 281 | 049 | 132 | 493 | 280 | 153 | 330 | 037 | 178 | 444 |
| 270 | 908 | 821 | 135 | 375 | -1.263 | 280 | 104 | 279 | 050 | 120 | 508 | 280 | 154 | 332 | 040 | 161 | 463 |
| 270 | 909 | 908 | 194 | 295 | -1.519 | 280 | 105 | 275 | 047 | 111 | 448 | 280 | 155 | 332 | 037 | 161 | 436 |
| 270 | 910 | 592 | 152 | 088 | -1.227 | 280 | 106 | 294 | 052 | 116 | 496 | 280 | 156 | 325 | 038 | 081 | 352 |
| 270 | 911 | 427 | 148 | 076 | -1.102 | 280 | 107 | 080 | 057 | 154 | 351 | 280 | 157 | 354 | 063 | 025 | 487 |
| 270 | 912 | 636 | 180 | 156 | -1.479 | 280 | 108 | 083 | 072 | 193 | 390 | 280 | 158 | 363 | 113 | 168 | 1.031 |
| 270 | 913 | 360 | 089 | 166 | -894 | 280 | 109 | 309 | 073 | 038 | 662 | 280 | 159 | 364 | 221 | 241 | 1.793 |
| 270 | 914 | 334 | 091 | 040 | -763 | 280 | 110 | 328 | 060 | 125 | 599 | 280 | 160 | 368 | 042 | 120 | 504 |
| 270 | 915 | 384 | 102 | 040 | -1.018 | 280 | 111 | 305 | 045 | 082 | 491 | 280 | 161 | 365 | 044 | 120 | 461 |
| 270 | 916 | 398 | 090 | 115 | -871 | 280 | 112 | 313 | 041 | 135 | 477 | 280 | 162 | 368 | 040 | 149 | 453 |
| 270 | 917 | 475 | 123 | 042 | -1.066 | 280 | 113 | 310 | 047 | 142 | 544 | 280 | 163 | 365 | 037 | 168 | 420 |
| 270 | 918 | 297 | 122 | 035 | -1.030 | 280 | 114 | 301 | 046 | 113 | 544 | 280 | 164 | 360 | 035 | 151 | 478 |
| 270 | 919 | 339 | 073 | 101 | -619 | 280 | 115 | 252 | 036 | 118 | 424 | 280 | 165 | 366 | 035 | 190 | 436 |
| 270 | 920 | 304 | 105 | 019 | -945 | 280 | 116 | 231 | 037 | 108 | 385 | 280 | 166 | 322 | 041 | 204 | 545 |
| 270 | 921 | 293 | 117 | 244 | -744 | 280 | 117 | 320 | 057 | 120 | 515 | 280 | 167 | 311 | 037 | 212 | 470 |
| 270 | 922 | 324 | 120 | 268 | -792 | 280 | 118 | 536 | 055 | 212 | 855 | 280 | 168 | 308 | 035 | 207 | 468 |
| 270 | 923 | 165 | 178 | 240 | -1.013 | 280 | 119 | 083 | 235 | 400 | 875 | 280 | 169 | 320 | 036 | 221 | 475 |
| 270 | 924 | 331 | 116 | 039 | -900 | 280 | 120 | 285 | 049 | 132 | 493 | 280 | 170 | 329 | 035 | 180 | 439 |
| 270 | 925 | 292 | 082 | 027 | -702 | 280 | 121 | 285 | 053 | 106 | 563 | 280 | 171 | 329 | 034 | 190 | 422 |
| 270 | 926 | 331 | 119 | 032 | -948 | 280 | 122 | 308 | 063 | 140 | 648 | 280 | 172 | 323 | 034 | 197 | 422 |
| 270 | 927 | 283 | 087 | 175 | -797 | 280 | 123 | 283 | 079 | 075 | 604 | 280 | 173 | 322 | 035 | 163 | 415 |
| 270 | 928 | 332 | 067 | 142 | -646 | 280 | 124 | 333 | 064 | 010 | 681 | 280 | 174 | 326 | 039 | 200 | 470 |
| 270 | 929 | 325 | 063 | 077 | -689 | 280 | 125 | 322 | 044 | 168 | 530 | 280 | 175 | 319 | 036 | 197 | 453 |
| 270 | 930 | 220 | 051 | 047 | -609 | 280 | 126 | 331 | 049 | 173 | 498 | 280 | 176 | 316 | 049 | 057 | 434 |
| 270 | 931 | 376 | 120 | 124 | -1.248 | 280 | 127 | 337 | 052 | 144 | 578 | 280 | 177 | 251 | 084 | 032 | 606 |
| 270 | 932 | 264 | 056 | 111 | -581 | 280 | 128 | 306 | 041 | 181 | 481 | 280 | 178 | 222 | 117 | 045 | 847 |
| 270 | 933 | 395 | 224 | 114 | -1.790 | 280 | 129 | 273 | 035 | 161 | 433 | 280 | 179 | 223 | 214 | 209 | 1.660 |
| 270 | 934 | 360 | 102 | 111 | -1.240 | 280 | 130 | 286 | 045 | 132 | 530 | 280 | 180 | 300 | 044 | 127 | 468 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 280 | 181 | 298 | 044 | 144 | 531 | 280 | 231 | 337 | 042 | 211 | 508 | 280 | 281 | 265 | 061 | 051 | 609 |
| 280 | 182 | 299 | 040 | 134 | 434 | 280 | 232 | 348 | 048 | 228 | 657 | 280 | 282 | 369 | 106 | 117 | 176 |
| 280 | 183 | 298 | 038 | 113 | 449 | 280 | 233 | 338 | 040 | 231 | 604 | 280 | 283 | 353 | 083 | 016 | 824 |
| 280 | 184 | 309 | 035 | 183 | 427 | 280 | 234 | 352 | 042 | 238 | 530 | 280 | 284 | 332 | 072 | 143 | 695 |
| 280 | 185 | 319 | 035 | 200 | 487 | 280 | 235 | 300 | 045 | 239 | 456 | 280 | 285 | 310 | 068 | 135 | 680 |
| 280 | 186 | 328 | 039 | 216 | 497 | 280 | 236 | 221 | 056 | 004 | 449 | 280 | 286 | 320 | 064 | 125 | 589 |
| 280 | 187 | 324 | 037 | 226 | 538 | 280 | 237 | 221 | 101 | 109 | 920 | 280 | 287 | 333 | 073 | 092 | 905 |
| 280 | 188 | 322 | 037 | 197 | 470 | 280 | 238 | 389 | 131 | 133 | 934 | 280 | 288 | 290 | 067 | 082 | 698 |
| 280 | 189 | 316 | 034 | 209 | 465 | 280 | 239 | 613 | 186 | 232 | 296 | 280 | 289 | 298 | 064 | 102 | 601 |
| 280 | 190 | 305 | 035 | 175 | 427 | 280 | 240 | 370 | 072 | 180 | 743 | 280 | 290 | 308 | 061 | 107 | 601 |
| 280 | 191 | 303 | 034 | 187 | 415 | 280 | 241 | 359 | 072 | 171 | 721 | 280 | 291 | 254 | 045 | 105 | 487 |
| 280 | 192 | 304 | 031 | 200 | 432 | 280 | 242 | 359 | 066 | 188 | 777 | 280 | 292 | 247 | 049 | 102 | 510 |
| 280 | 193 | 309 | 036 | 189 | 477 | 280 | 243 | 372 | 061 | 113 | 757 | 280 | 293 | 309 | 090 | 097 | 860 |
| 280 | 194 | 337 | 038 | 208 | 483 | 280 | 244 | 369 | 063 | 166 | 748 | 280 | 294 | 182 | 046 | 024 | 353 |
| 280 | 195 | 308 | 036 | 144 | 429 | 280 | 245 | 376 | 072 | 176 | 810 | 280 | 295 | 167 | 045 | 004 | 330 |
| 280 | 196 | 240 | 051 | 022 | 427 | 280 | 246 | 388 | 079 | 188 | 951 | 280 | 296 | 175 | 051 | 030 | 396 |
| 280 | 197 | 237 | 089 | 089 | 643 | 280 | 247 | 377 | 074 | 185 | 853 | 280 | 297 | 312 | 112 | 085 | 690 |
| 280 | 198 | 517 | 133 | 025 | 135 | 280 | 248 | 374 | 069 | 197 | 906 | 280 | 298 | 058 | 080 | 245 | 490 |
| 280 | 199 | 828 | 223 | 137 | 719 | 280 | 249 | 365 | 064 | 204 | 796 | 280 | 299 | 082 | 082 | 339 | 561 |
| 280 | 200 | 315 | 046 | 116 | 517 | 280 | 250 | 358 | 059 | 214 | 645 | 280 | 300 | 208 | 072 | 007 | 566 |
| 280 | 201 | 329 | 048 | 101 | 534 | 280 | 251 | 362 | 063 | 211 | 781 | 280 | 301 | 311 | 104 | 049 | 979 |
| 280 | 202 | 321 | 042 | 184 | 495 | 280 | 252 | 357 | 059 | 195 | 729 | 280 | 302 | 155 | 070 | 164 | 518 |
| 280 | 203 | 318 | 035 | 192 | 453 | 280 | 253 | 353 | 054 | 207 | 626 | 280 | 303 | 067 | 115 | 334 | 535 |
| 280 | 204 | 332 | 035 | 192 | 486 | 280 | 254 | 357 | 058 | 207 | 638 | 280 | 304 | 217 | 109 | 359 | 566 |
| 280 | 205 | 332 | 039 | 223 | 503 | 280 | 255 | 287 | 049 | 090 | 513 | 280 | 305 | 384 | 099 | 140 | 085 |
| 280 | 206 | 336 | 047 | 213 | 731 | 280 | 256 | 218 | 052 | 090 | 460 | 280 | 306 | 369 | 103 | 117 | 014 |
| 280 | 207 | 334 | 042 | 218 | 710 | 280 | 257 | 200 | 093 | 160 | 535 | 280 | 307 | 298 | 092 | 097 | 931 |
| 280 | 208 | 332 | 036 | 215 | 486 | 280 | 258 | 424 | 159 | 291 | 090 | 280 | 308 | 258 | 076 | 034 | 637 |
| 280 | 209 | 335 | 036 | 211 | 541 | 280 | 259 | 558 | 210 | 126 | 339 | 280 | 309 | 283 | 069 | 120 | 680 |
| 280 | 210 | 326 | 033 | 223 | 482 | 280 | 260 | 377 | 114 | 101 | 884 | 280 | 310 | 218 | 076 | 047 | 530 |
| 280 | 211 | 324 | 033 | 215 | 446 | 280 | 261 | 361 | 104 | 101 | 891 | 280 | 311 | 203 | 077 | 073 | 568 |
| 280 | 212 | 334 | 037 | 211 | 470 | 280 | 262 | 318 | 063 | 111 | 614 | 280 | 312 | 216 | 085 | 078 | 662 |
| 280 | 213 | 324 | 036 | 211 | 460 | 280 | 263 | 320 | 069 | 687 | 707 | 280 | 313 | 306 | 127 | 022 | 966 |
| 280 | 214 | 351 | 029 | 277 | 439 | 280 | 264 | 302 | 075 | 010 | 662 | 280 | 314 | 119 | 078 | 154 | 477 |
| 280 | 215 | 298 | 039 | 140 | 463 | 280 | 265 | 303 | 078 | 077 | 760 | 280 | 315 | 133 | 127 | 341 | 543 |
| 280 | 216 | 251 | 051 | 017 | 444 | 280 | 266 | 317 | 086 | 015 | 822 | 280 | 316 | 362 | 094 | 145 | 905 |
| 280 | 217 | 249 | 096 | 043 | 654 | 280 | 267 | 334 | 096 | 059 | 726 | 280 | 317 | 237 | 079 | 014 | 751 |
| 280 | 218 | 444 | 127 | 012 | 919 | 280 | 268 | 346 | 112 | 112 | 918 | 280 | 318 | 197 | 059 | 014 | 530 |
| 280 | 219 | 765 | 230 | 150 | 841 | 280 | 269 | 392 | 091 | 205 | 798 | 280 | 319 | 238 | 054 | 049 | 538 |
| 280 | 220 | 341 | 059 | 145 | 748 | 280 | 270 | 497 | 108 | 202 | 028 | 280 | 320 | 184 | 061 | 035 | 449 |
| 280 | 221 | 339 | 055 | 077 | 587 | 280 | 271 | 533 | 137 | 207 | 380 | 280 | 321 | 209 | 054 | 093 | 444 |
| 280 | 222 | 335 | 048 | 140 | 579 | 280 | 272 | 536 | 146 | 199 | 361 | 280 | 322 | 242 | 085 | 025 | 622 |
| 280 | 223 | 339 | 049 | 215 | 652 | 280 | 273 | 539 | 146 | 226 | 320 | 280 | 323 | 244 | 105 | 013 | 748 |
| 280 | 224 | 348 | 047 | 227 | 752 | 280 | 274 | 416 | 090 | 135 | 721 | 280 | 324 | 238 | 121 | 058 | 149 |
| 280 | 225 | 336 | 051 | 225 | 657 | 280 | 275 | 324 | 067 | 108 | 551 | 280 | 325 | 086 | 081 | 313 | 510 |
| 280 | 226 | 349 | 053 | 206 | 821 | 280 | 276 | 217 | 055 | 006 | 446 | 280 | 326 | 007 | 114 | 644 | 500 |
| 280 | 227 | 354 | 056 | 225 | 688 | 280 | 277 | 150 | 080 | 090 | 456 | 280 | 327 | 244 | 068 | 035 | 674 |
| 280 | 228 | 345 | 047 | 220 | 617 | 280 | 278 | 271 | 131 | 219 | 864 | 280 | 328 | 177 | 074 | 121 | 480 |
| 280 | 229 | 341 | 047 | 208 | 669 | 280 | 279 | 422 | 165 | 113 | 202 | 280 | 329 | 152 | 055 | 139 | 381 |
| 280 | 230 | 338 | 043 | 199 | 527 | 280 | 280 | 233 | 069 | 057 | 660 | 280 | 330 | 186 | 050 | 033 | 499 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 280 | 331 | 186 | 057 | 050 | 427 | 280 | 428 | 233 | 065 | 015 | 629 | 280 | 511 | 633 | 167 | 1162 | 189 |
| 280 | 332 | 110 | 044 | 098 | 275 | 280 | 429 | 218 | 066 | 112 | 585 | 280 | 512 | 542 | 154 | 971 | 057 |
| 280 | 333 | 243 | 088 | 033 | 383 | 280 | 430 | 236 | 069 | 051 | 685 | 280 | 513 | 222 | 117 | 626 | 183 |
| 280 | 334 | 159 | 055 | 067 | 392 | 280 | 431 | 237 | 082 | 141 | 683 | 280 | 514 | 194 | 092 | 198 | 491 |
| 280 | 335 | 218 | 116 | 121 | 965 | 280 | 432 | 249 | 084 | 028 | 667 | 280 | 515 | 473 | 075 | 215 | 744 |
| 280 | 336 | 137 | 058 | 159 | 291 | 280 | 433 | 233 | 068 | 015 | 639 | 280 | 516 | 448 | 064 | 278 | 691 |
| 280 | 337 | 164 | 056 | 166 | 392 | 280 | 434 | 277 | 092 | 013 | 749 | 280 | 517 | 373 | 068 | 178 | 664 |
| 280 | 338 | 187 | 054 | 088 | 417 | 280 | 435 | 244 | 082 | 056 | 75 | 280 | 518 | 354 | 053 | 364 | 564 |
| 280 | 339 | 197 | 052 | 066 | 411 | 280 | 436 | 123 | 076 | 249 | 60 | 280 | 519 | 476 | 174 | 007 | 923 |
| 280 | 340 | 162 | 052 | 064 | 345 | 280 | 437 | 112 | 056 | 186 | 455 | 280 | 520 | 643 | 158 | 111 | 123 |
| 280 | 341 | 165 | 049 | 089 | 350 | 280 | 438 | 151 | 072 | 146 | 628 | 280 | 521 | 559 | 155 | 060 | 145 |
| 280 | 342 | 120 | 054 | 113 | 340 | 280 | 439 | 185 | 069 | 032 | 701 | 280 | 522 | 255 | 118 | 621 | 144 |
| 280 | 343 | 114 | 062 | 261 | 318 | 280 | 440 | 208 | 074 | 014 | 658 | 280 | 523 | 199 | 096 | 169 | 630 |
| 280 | 344 | 227 | 064 | 665 | 534 | 280 | 441 | 186 | 064 | 136 | 576 | 280 | 524 | 509 | 090 | 246 | 853 |
| 280 | 345 | 225 | 067 | 238 | 575 | 280 | 442 | 197 | 060 | 156 | 603 | 280 | 525 | 468 | 090 | 273 | 839 |
| 280 | 346 | 129 | 082 | 245 | 457 | 280 | 443 | 192 | 068 | 488 | 590 | 280 | 526 | 407 | 075 | 168 | 720 |
| 280 | 347 | 069 | 098 | 657 | 440 | 280 | 444 | 202 | 088 | 156 | 608 | 280 | 527 | 347 | 063 | 132 | 576 |
| 280 | 348 | 119 | 059 | 264 | 378 | 280 | 445 | 296 | 097 | 063 | 77 | 280 | 528 | 332 | 194 | 971 | 436 |
| 280 | 349 | 113 | 067 | 197 | 365 | 280 | 446 | 290 | 093 | 069 | 713 | 280 | 529 | 558 | 164 | 075 | 087 |
| 280 | 350 | 158 | 063 | 263 | 394 | 280 | 447 | 232 | 087 | 013 | 830 | 280 | 530 | 519 | 145 | 954 | 089 |
| 280 | 351 | 194 | 055 | 028 | 422 | 280 | 448 | 170 | 045 | 023 | 345 | 280 | 531 | 225 | 127 | 706 | 130 |
| 280 | 352 | 196 | 047 | 036 | 371 | 280 | 449 | 176 | 047 | 018 | 355 | 280 | 532 | 202 | 099 | 142 | 606 |
| 280 | 353 | 187 | 046 | 038 | 376 | 280 | 450 | 304 | 064 | 148 | 623 | 280 | 533 | 515 | 097 | 210 | 848 |
| 280 | 401 | 296 | 058 | 077 | 555 | 280 | 451 | 331 | 080 | 143 | 77 | 280 | 534 | 476 | 089 | 278 | 892 |
| 280 | 402 | 291 | 059 | 103 | 635 | 280 | 452 | 384 | 120 | 141 | 183 | 280 | 535 | 401 | 076 | 151 | 720 |
| 280 | 403 | 294 | 053 | 125 | 501 | 280 | 453 | 369 | 100 | 110 | 26 | 280 | 536 | 353 | 063 | 149 | 398 |
| 280 | 404 | 286 | 047 | 140 | 466 | 280 | 454 | 445 | 153 | 197 | 99 | 280 | 537 | 297 | 182 | 871 | 346 |
| 280 | 405 | 293 | 045 | 157 | 504 | 280 | 455 | 380 | 104 | 160 | 837 | 280 | 538 | 506 | 160 | 039 | 040 |
| 280 | 406 | 297 | 050 | 143 | 509 | 280 | 456 | 455 | 148 | 114 | 208 | 280 | 539 | 443 | 154 | 165 | 053 |
| 280 | 407 | 301 | 051 | 121 | 500 | 280 | 457 | 183 | 052 | 134 | 363 | 280 | 540 | 198 | 122 | 645 | 185 |
| 280 | 408 | 305 | 049 | 152 | 514 | 280 | 458 | 173 | 055 | 134 | 370 | 280 | 541 | 196 | 100 | 159 | 535 |
| 280 | 409 | 315 | 053 | 157 | 584 | 280 | 459 | 333 | 075 | 094 | 603 | 280 | 542 | 501 | 100 | 253 | 975 |
| 280 | 410 | 311 | 051 | 111 | 509 | 280 | 460 | 295 | 062 | 117 | 62 | 280 | 543 | 484 | 079 | 280 | 831 |
| 280 | 411 | 313 | 050 | 174 | 548 | 280 | 461 | 461 | 164 | 065 | 252 | 280 | 544 | 398 | 071 | 173 | 785 |
| 280 | 412 | 315 | 051 | 155 | 550 | 280 | 462 | 080 | 102 | 624 | 40 | 280 | 545 | 366 | 062 | 151 | 681 |
| 280 | 413 | 326 | 052 | 145 | 577 | 280 | 463 | 051 | 101 | 337 | 93 | 280 | 546 | 289 | 165 | 835 | 263 |
| 280 | 414 | 332 | 056 | 176 | 763 | 280 | 464 | 023 | 096 | 467 | 28 | 280 | 547 | 425 | 159 | 931 | 091 |
| 280 | 415 | 328 | 052 | 184 | 665 | 280 | 465 | 082 | 082 | 560 | 114 | 280 | 548 | 363 | 150 | 824 | 001 |
| 280 | 416 | 326 | 058 | 159 | 572 | 280 | 466 | 079 | 082 | 452 | 122 | 280 | 549 | 154 | 121 | 694 | 211 |
| 280 | 417 | 333 | 059 | 136 | 810 | 280 | 467 | 086 | 087 | 521 | 119 | 280 | 550 | 179 | 094 | 175 | 474 |
| 280 | 418 | 341 | 055 | 197 | 607 | 280 | 501 | 410 | 137 | 939 | 219 | 280 | 551 | 450 | 102 | 174 | 833 |
| 280 | 419 | 345 | 074 | 128 | 815 | 280 | 502 | 434 | 151 | 864 | 106 | 280 | 552 | 461 | 081 | 282 | 794 |
| 280 | 420 | 359 | 080 | 95 | 960 | 280 | 503 | 222 | 129 | 609 | 188 | 280 | 553 | 399 | 072 | 199 | 765 |
| 280 | 421 | 370 | 083 | 159 | 071 | 280 | 504 | 000 | 096 | 351 | 290 | 280 | 554 | 371 | 066 | 128 | 699 |
| 280 | 422 | 448 | 201 | 088 | 380 | 280 | 505 | 252 | 062 | 013 | 96 | 280 | 555 | 215 | 162 | 799 | 335 |
| 280 | 423 | 452 | 176 | 098 | 484 | 280 | 506 | 417 | 057 | 132 | 647 | 280 | 556 | 289 | 149 | 824 | 140 |
| 280 | 424 | 501 | 230 | 090 | 908 | 280 | 507 | 446 | 067 | 176 | 693 | 280 | 557 | 289 | 139 | 748 | 204 |
| 280 | 425 | 120 | 072 | 105 | 503 | 280 | 508 | 339 | 068 | 093 | 669 | 280 | 558 | 121 | 114 | 558 | 184 |
| 280 | 426 | 123 | 068 | 120 | 501 | 280 | 509 | 333 | 067 | 178 | 742 | 280 | 559 | 172 | 083 | 116 | 457 |
| 280 | 427 | 132 | 068 | 192 | 600 | 280 | 510 | 520 | 164 | 080 | 661 | 280 | 560 | 399 | 097 | 147 | 789 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 280 | 561 | .450 | .081 | .223 | .755 | 280 | 611 | .122 | .074 | .540 | -.071 | 280 | 742 | .000 | .070 | .396 | -.293 |
| 280 | 562 | .395 | .078 | .184 | .772 | 280 | 612 | .091 | .090 | .530 | -.078 | 280 | 743 | .069 | .079 | .416 | -.137 |
| 280 | 563 | .377 | .077 | .101 | .806 | 280 | 613 | -.015 | .050 | .171 | -.192 | 280 | 744 | .057 | .074 | .411 | -.182 |
| 280 | 564 | .122 | .127 | .655 | .229 | 280 | 614 | -.044 | .038 | .106 | -.182 | 280 | 745 | .037 | .092 | .394 | -.389 |
| 280 | 565 | .188 | .134 | .912 | .162 | 280 | 615 | .020 | .042 | .209 | -.164 | 280 | 746 | .021 | .097 | .472 | -.510 |
| 280 | 566 | .218 | .126 | .775 | .082 | 280 | 616 | -.010 | .047 | .166 | -.212 | 280 | 747 | -.001 | .100 | .424 | -.488 |
| 280 | 567 | .072 | .099 | .583 | .211 | 280 | 617 | -.118 | .073 | .048 | -.346 | 280 | 748 | -.330 | .136 | .355 | -.901 |
| 280 | 568 | .112 | .065 | .182 | .406 | 280 | 618 | -.120 | .072 | .022 | -.402 | 280 | 749 | -.322 | .090 | .242 | -.729 |
| 280 | 569 | .299 | .073 | .099 | .582 | 280 | 619 | -.128 | .081 | .060 | -.335 | 280 | 750 | -.323 | .080 | .122 | -.988 |
| 280 | 570 | .339 | .076 | .118 | .660 | 280 | 701 | -.187 | .107 | .501 | -.749 | 280 | 751 | -.260 | .060 | .078 | -.537 |
| 280 | 571 | .352 | .087 | .128 | .757 | 280 | 702 | -.251 | .388 | .794 | -1.446 | 280 | 752 | -.274 | .060 | .063 | -.552 |
| 280 | 572 | .394 | .118 | .067 | .911 | 280 | 703 | -.480 | .264 | .304 | -1.631 | 280 | 753 | -.261 | .115 | .140 | -.739 |
| 280 | 573 | .042 | .074 | .404 | .166 | 280 | 704 | -.029 | .289 | .614 | -1.255 | 280 | 754 | -.350 | .104 | .101 | -.837 |
| 280 | 574 | .020 | .046 | .178 | .449 | 280 | 705 | -.449 | .334 | .699 | -1.516 | 280 | 755 | -.117 | .136 | .370 | -.685 |
| 280 | 575 | .137 | .046 | .009 | .332 | 280 | 706 | -.381 | .304 | .648 | -1.353 | 280 | 756 | -.234 | .098 | .083 | -.749 |
| 280 | 576 | .077 | .085 | .541 | .237 | 280 | 707 | -.160 | .400 | .792 | -1.665 | 280 | 757 | -.125 | .160 | .424 | -.862 |
| 280 | 577 | .118 | .084 | .559 | .181 | 280 | 708 | -.432 | .369 | .648 | -1.619 | 280 | 758 | -.291 | .063 | .014 | -.575 |
| 280 | 578 | .091 | .069 | .480 | .131 | 280 | 709 | -.431 | .359 | .455 | -1.721 | 280 | 759 | -.323 | .076 | .151 | -.708 |
| 280 | 579 | .034 | .065 | .391 | .121 | 280 | 710 | -.317 | .443 | .736 | -1.856 | 280 | 760 | -.153 | .079 | .220 | -.497 |
| 280 | 580 | .002 | .032 | .125 | .110 | 280 | 711 | -.465 | .370 | .594 | -1.775 | 280 | 761 | -.132 | .084 | .297 | -.471 |
| 280 | 581 | .050 | .041 | .249 | .199 | 280 | 712 | -.456 | .348 | .560 | -1.836 | 280 | 762 | -.245 | .064 | .085 | -.558 |
| 280 | 582 | .039 | .041 | .234 | .189 | 280 | 713 | -.209 | .442 | .721 | -2.007 | 280 | 763 | -.262 | .067 | .097 | -.548 |
| 280 | 583 | .100 | .046 | .047 | .266 | 280 | 714 | -.425 | .373 | .624 | -1.904 | 280 | 764 | -.283 | .085 | .052 | -.840 |
| 280 | 584 | .116 | .061 | .171 | .379 | 280 | 715 | -.443 | .378 | .624 | -2.170 | 280 | 765 | -.228 | .062 | .059 | -.772 |
| 280 | 585 | .114 | .061 | .082 | .357 | 280 | 716 | -.159 | .335 | .687 | -1.750 | 280 | 766 | -.074 | .087 | .704 | -.140 |
| 280 | 586 | .127 | .071 | .082 | .551 | 280 | 717 | -.426 | .368 | .770 | -1.755 | 280 | 767 | -.228 | .061 | .064 | -.738 |
| 280 | 587 | .001 | .040 | .161 | .136 | 280 | 718 | -.462 | .335 | .707 | -1.668 | 280 | 801 | -.062 | .047 | .119 | -.316 |
| 280 | 588 | .007 | .045 | .277 | .164 | 280 | 719 | -.215 | .325 | .512 | -1.601 | 280 | 802 | -.053 | .043 | .116 | -.209 |
| 280 | 589 | .030 | .039 | .138 | .156 | 280 | 720 | -.293 | .314 | .717 | -1.452 | 280 | 803 | -.053 | .027 | .027 | -.138 |
| 280 | 590 | .039 | .038 | .110 | .169 | 280 | 721 | -.272 | .275 | .558 | -1.245 | 280 | 804 | -.015 | .043 | .223 | -.115 |
| 280 | 591 | .014 | .040 | .194 | .155 | 280 | 722 | -.178 | .189 | .260 | -1.194 | 280 | 805 | -.051 | .048 | .254 | -.087 |
| 280 | 592 | .032 | .076 | .430 | .238 | 280 | 723 | -.238 | .273 | .545 | -1.621 | 280 | 901 | -.330 | .131 | .077 | -1.173 |
| 280 | 593 | .102 | .073 | .447 | .267 | 280 | 724 | -.287 | .249 | .439 | -1.424 | 280 | 902 | -.529 | .132 | .140 | -1.187 |
| 280 | 594 | .054 | .047 | .244 | .044 | 280 | 725 | -.044 | .158 | .457 | -1.101 | 280 | 903 | -.632 | .101 | .324 | -1.180 |
| 280 | 595 | .029 | .042 | .252 | .100 | 280 | 726 | -.078 | .161 | .457 | -1.002 | 280 | 904 | -.762 | .115 | .394 | -1.156 |
| 280 | 596 | .173 | .084 | .075 | .663 | 280 | 727 | -.083 | .149 | .472 | -.841 | 280 | 905 | -.990 | .137 | .524 | -1.561 |
| 280 | 597 | .116 | .061 | .021 | .420 | 280 | 728 | -.108 | .069 | .173 | -.363 | 280 | 906 | -.344 | .112 | .038 | -.801 |
| 280 | 598 | .114 | .063 | .042 | .394 | 280 | 729 | -.067 | .057 | .199 | -.292 | 280 | 907 | -.482 | .117 | .082 | -.944 |
| 280 | 599 | .124 | .064 | .076 | .664 | 280 | 730 | -.056 | .059 | .247 | -.296 | 280 | 908 | -.862 | .138 | .352 | -1.412 |
| 280 | 600 | .072 | .057 | .285 | .078 | 280 | 731 | -.042 | .064 | .316 | -.252 | 280 | 909 | -.987 | .148 | .471 | -1.619 |
| 280 | 601 | .065 | .052 | .282 | .065 | 280 | 732 | -.010 | .070 | .447 | -.219 | 280 | 910 | -.472 | .142 | .090 | -1.038 |
| 280 | 602 | .051 | .050 | .224 | .086 | 280 | 733 | -.011 | .073 | .450 | -.242 | 280 | 911 | -.356 | .103 | .116 | -.809 |
| 280 | 603 | .027 | .042 | .163 | .186 | 280 | 734 | -.013 | .082 | .368 | -.355 | 280 | 912 | -.346 | .080 | .145 | -.878 |
| 280 | 604 | .028 | .037 | .116 | .197 | 280 | 735 | -.162 | .086 | .204 | -.460 | 280 | 913 | -.332 | .088 | .123 | -.815 |
| 280 | 605 | .013 | .041 | .141 | .116 | 280 | 736 | -.186 | .064 | .150 | -.544 | 280 | 914 | -.384 | .124 | .030 | -1.303 |
| 280 | 606 | .092 | .046 | .166 | .134 | 280 | 737 | -.107 | .047 | .058 | -.293 | 280 | 915 | -.305 | .051 | .123 | -.620 |
| 280 | 607 | .076 | .061 | .373 | .121 | 280 | 738 | -.058 | .043 | .157 | -.211 | 280 | 916 | -.291 | .045 | .122 | -.519 |
| 280 | 608 | .102 | .072 | .439 | .132 | 280 | 739 | -.022 | .048 | .280 | -.181 | 280 | 917 | -.304 | .135 | .326 | -.937 |
| 280 | 609 | .123 | .076 | .459 | .048 | 280 | 740 | -.010 | .054 | .434 | -.132 | 280 | 918 | -.151 | .107 | .220 | -.802 |
| 280 | 610 | .103 | .069 | .381 | .058 | 280 | 741 | -.020 | .063 | .391 | -.278 | 280 | 919 | -.329 | .048 | .133 | -.546 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 280 | 920 | -.343 | .087 | -.042 | -.733 | 290 | 116 | -.206 | .049 | -.026 | -.374 | 290 | 166 | -.376 | .055 | -.206 | -.755 |
| 280 | 921 | -.093 | .097 | -.234 | -.502 | 290 | 117 | -.183 | .071 | -.030 | -.404 | 290 | 167 | -.365 | .055 | -.170 | -.642 |
| 280 | 922 | -.150 | .071 | -.031 | -.492 | 290 | 118 | -.228 | .113 | -.045 | -.747 | 290 | 168 | -.356 | .047 | -.214 | -.652 |
| 280 | 923 | -.040 | .105 | -.287 | -.538 | 290 | 119 | -.633 | .187 | -.067 | -.373 | 290 | 169 | -.367 | .048 | -.221 | -.593 |
| 280 | 924 | -.368 | .105 | -.092 | -.789 | 290 | 120 | -.339 | .055 | -.182 | -.330 | 290 | 170 | -.344 | .044 | -.211 | -.527 |
| 280 | 925 | -.191 | .062 | -.068 | -.522 | 290 | 121 | -.336 | .061 | -.172 | -.383 | 290 | 171 | -.331 | .045 | -.204 | -.552 |
| 280 | 926 | -.328 | .085 | -.103 | -.680 | 290 | 122 | -.352 | .065 | -.141 | -.689 | 290 | 172 | -.320 | .046 | -.180 | -.537 |
| 280 | 927 | -.256 | .079 | -.234 | -.497 | 290 | 123 | -.306 | .083 | -.010 | -.586 | 290 | 173 | -.326 | .044 | -.197 | -.593 |
| 280 | 928 | -.332 | .049 | -.157 | -.495 | 290 | 124 | -.384 | .079 | -.099 | -.672 | 290 | 174 | -.333 | .046 | -.238 | -.532 |
| 280 | 929 | -.321 | .043 | -.159 | -.490 | 290 | 125 | -.395 | .060 | -.172 | -.659 | 290 | 175 | -.302 | .046 | -.138 | -.473 |
| 280 | 930 | -.178 | .046 | -.012 | -.443 | 290 | 126 | -.401 | .061 | -.194 | -.630 | 290 | 176 | -.110 | .064 | -.156 | -.317 |
| 280 | 931 | -.373 | .081 | -.161 | -.756 | 290 | 127 | -.412 | .067 | -.175 | -.698 | 290 | 177 | -.003 | .094 | -.327 | -.290 |
| 280 | 932 | -.229 | .045 | -.108 | -.576 | 290 | 128 | -.346 | .047 | -.187 | -.530 | 290 | 178 | -.241 | .166 | -.452 | -.748 |
| 280 | 933 | -.306 | .094 | -.009 | -.026 | 290 | 129 | -.272 | .042 | -.141 | -.428 | 290 | 179 | -.406 | .238 | -.352 | -.128 |
| 280 | 934 | -.359 | .083 | -.115 | -.807 | 290 | 130 | -.337 | .054 | -.158 | -.522 | 290 | 180 | -.397 | .061 | -.121 | -.708 |
| 280 | 935 | -.198 | .041 | -.031 | -.438 | 290 | 131 | -.345 | .051 | -.162 | -.591 | 290 | 181 | -.312 | .054 | -.153 | -.608 |
| 280 | 936 | -.293 | .098 | -.091 | -.741 | 290 | 132 | -.364 | .051 | -.175 | -.567 | 290 | 182 | -.315 | .050 | -.121 | -.593 |
| 280 | 937 | -.349 | .111 | -.016 | -.914 | 290 | 133 | -.400 | .074 | -.148 | -.720 | 290 | 183 | -.325 | .044 | -.140 | -.527 |
| 280 | 938 | -.302 | .064 | -.138 | -.733 | 290 | 134 | -.400 | .069 | -.153 | -.774 | 290 | 184 | -.325 | .047 | -.162 | -.532 |
| 280 | 939 | -.187 | .122 | -.327 | -.736 | 290 | 135 | -.403 | .059 | -.184 | -.630 | 290 | 185 | -.345 | .054 | -.184 | -.628 |
| 280 | 940 | -.416 | .131 | -.159 | -.171 | 290 | 136 | -.389 | .059 | -.177 | -.803 | 290 | 186 | -.374 | .062 | -.224 | -.824 |
| 280 | 941 | -.361 | .144 | -.040 | -.983 | 290 | 137 | -.372 | .043 | -.259 | -.516 | 290 | 187 | -.358 | .054 | -.199 | -.750 |
| 280 | 942 | -.044 | .135 | -.429 | -.448 | 290 | 138 | -.368 | .047 | -.221 | -.542 | 290 | 188 | -.336 | .051 | -.216 | -.640 |
| 280 | 943 | -.335 | .125 | -.045 | -.026 | 290 | 139 | -.290 | .041 | -.089 | -.447 | 290 | 189 | -.359 | .047 | -.202 | -.588 |
| 280 | 944 | -.254 | .050 | -.031 | -.525 | 290 | 140 | -.373 | .061 | -.194 | -.601 | 290 | 190 | -.342 | .044 | -.221 | -.535 |
| 280 | 945 | -.224 | .057 | -.001 | -.497 | 290 | 141 | -.358 | .062 | -.184 | -.625 | 290 | 191 | -.327 | .044 | -.204 | -.562 |
| 280 | 946 | -.234 | .070 | -.063 | -.543 | 290 | 142 | -.345 | .058 | -.160 | -.579 | 290 | 192 | -.328 | .040 | -.216 | -.503 |
| 280 | 947 | -.212 | .062 | -.012 | -.548 | 290 | 143 | -.358 | .057 | -.165 | -.647 | 290 | 193 | -.327 | .046 | -.192 | -.568 |
| 280 | 948 | -.277 | .083 | -.014 | -.787 | 290 | 144 | -.354 | .048 | -.187 | -.625 | 290 | 194 | -.336 | .047 | -.211 | -.557 |
| 280 | 949 | -.153 | .056 | -.137 | -.451 | 290 | 145 | -.353 | .051 | -.201 | -.540 | 290 | 195 | -.269 | .044 | -.074 | -.440 |
| 280 | 950 | -.096 | .068 | -.182 | -.601 | 290 | 146 | -.364 | .051 | -.218 | -.596 | 290 | 196 | -.111 | .061 | -.229 | -.317 |
| 280 | 951 | -.250 | .130 | -.081 | -.156 | 290 | 147 | -.373 | .054 | -.206 | -.569 | 290 | 197 | -.001 | .094 | -.347 | -.313 |
| 280 | 952 | -.321 | .122 | -.077 | -.028 | 290 | 148 | -.374 | .055 | -.192 | -.627 | 290 | 198 | -.254 | .191 | -.465 | -.938 |
| 280 | 953 | -.209 | .046 | -.026 | -.558 | 290 | 149 | -.385 | .053 | -.206 | -.564 | 290 | 199 | -.393 | .240 | -.345 | -.127 |
| 280 | 954 | -.198 | .046 | -.011 | -.413 | 290 | 150 | -.378 | .058 | -.184 | -.623 | 290 | 200 | -.333 | .061 | -.159 | -.659 |
| 290 | 101 | -.354 | .054 | -.184 | -.535 | 290 | 151 | -.335 | .048 | -.210 | -.538 | 290 | 201 | -.339 | .057 | -.171 | -.606 |
| 290 | 102 | -.339 | .063 | -.162 | -.601 | 290 | 152 | -.365 | .054 | -.202 | -.658 | 290 | 202 | -.335 | .051 | -.149 | -.560 |
| 290 | 103 | -.329 | .059 | -.148 | -.581 | 290 | 153 | -.369 | .054 | -.197 | -.655 | 290 | 203 | -.344 | .051 | -.132 | -.618 |
| 290 | 104 | -.324 | .058 | -.148 | -.603 | 290 | 154 | -.337 | .049 | -.214 | -.619 | 290 | 204 | -.335 | .055 | -.197 | -.601 |
| 290 | 105 | -.333 | .053 | -.165 | -.525 | 290 | 155 | -.271 | .038 | -.145 | -.395 | 290 | 205 | -.343 | .053 | -.202 | -.710 |
| 290 | 106 | -.334 | .054 | -.158 | -.679 | 290 | 156 | -.130 | .048 | -.051 | -.268 | 290 | 206 | -.374 | .058 | -.204 | -.746 |
| 290 | 107 | -.164 | .085 | -.103 | -.472 | 290 | 157 | -.058 | .068 | -.163 | -.368 | 290 | 207 | -.368 | .055 | -.214 | -.794 |
| 290 | 108 | -.138 | .104 | -.198 | -.579 | 290 | 158 | -.253 | .183 | -.303 | -.990 | 290 | 208 | -.367 | .053 | -.224 | -.662 |
| 290 | 109 | -.374 | .101 | -.001 | -.791 | 290 | 159 | -.325 | .218 | -.180 | -.446 | 290 | 209 | -.355 | .047 | -.238 | -.618 |
| 290 | 110 | -.405 | .086 | -.109 | -.915 | 290 | 160 | -.332 | .056 | -.143 | -.623 | 290 | 210 | -.355 | .046 | -.219 | -.580 |
| 290 | 111 | -.392 | .067 | -.162 | -.662 | 290 | 161 | -.333 | .059 | -.153 | -.603 | 290 | 211 | -.359 | .045 | -.250 | -.609 |
| 290 | 112 | -.385 | .065 | -.155 | -.647 | 290 | 162 | -.327 | .051 | -.158 | -.530 | 290 | 212 | -.359 | .044 | -.233 | -.546 |
| 290 | 113 | -.388 | .063 | -.184 | -.686 | 290 | 163 | -.339 | .052 | -.180 | -.522 | 290 | 213 | -.352 | .046 | -.211 | -.532 |
| 290 | 114 | -.384 | .062 | -.145 | -.611 | 290 | 164 | -.353 | .048 | -.204 | -.527 | 290 | 214 | -.358 | .033 | -.267 | -.469 |
| 290 | 115 | -.270 | .044 | -.121 | -.428 | 290 | 165 | -.282 | .053 | -.226 | -.718 | 290 | 215 | -.261 | .046 | -.075 | -.431 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 290 | 216 | .136 | .056 | .066 | -.328 | 290 | 266 | -.362 | .086 | -.049 | -.750 | 290 | 316 | -.377 | .097 | -.094 | -.837 |
| 290 | 217 | -.035 | .092 | .305 | -.311 | 290 | 267 | -.108 | .062 | -.062 | -.842 | 290 | 317 | -.242 | .084 | -.042 | -.670 |
| 290 | 218 | -.227 | .168 | .372 | -.753 | 290 | 268 | -.148 | .138 | -.138 | -.886 | 290 | 318 | -.193 | .073 | -.032 | -.357 |
| 290 | 219 | -.418 | .266 | .351 | -.513 | 290 | 269 | -.120 | .400 | -.400 | -.869 | 290 | 319 | -.220 | .056 | -.016 | -.536 |
| 290 | 220 | -.354 | .065 | -.180 | -.722 | 290 | 270 | -.130 | .553 | -.130 | -.187 | 290 | 320 | -.201 | .047 | -.051 | -.395 |
| 290 | 221 | -.356 | .068 | -.165 | -.756 | 290 | 271 | -.164 | .590 | -.164 | -.512 | 290 | 321 | -.194 | .045 | -.068 | -.382 |
| 290 | 222 | -.359 | .053 | -.208 | -.700 | 290 | 272 | -.157 | .603 | -.157 | -.434 | 290 | 322 | -.263 | .079 | -.025 | -.577 |
| 290 | 223 | -.354 | .052 | -.192 | -.693 | 290 | 273 | -.167 | .597 | -.167 | -.419 | 290 | 323 | -.281 | .114 | .080 | -.731 |
| 290 | 224 | -.370 | .059 | -.178 | -.710 | 290 | 274 | -.101 | .418 | -.124 | -.857 | 290 | 324 | -.267 | .128 | .105 | -.928 |
| 290 | 225 | -.363 | .053 | -.190 | -.699 | 290 | 275 | -.076 | .292 | -.010 | -.621 | 290 | 325 | -.090 | .086 | -.521 | -.455 |
| 290 | 226 | -.382 | .069 | -.134 | -.823 | 290 | 276 | -.067 | .186 | -.186 | -.318 | 290 | 326 | -.062 | .112 | -.352 | -.442 |
| 290 | 227 | -.390 | .069 | -.139 | -.715 | 290 | 277 | -.079 | .286 | -.079 | -.318 | 290 | 327 | -.222 | .072 | -.007 | -.533 |
| 290 | 228 | -.385 | .064 | -.195 | -.794 | 290 | 278 | -.166 | .572 | -.166 | -.711 | 290 | 328 | -.131 | .067 | -.113 | -.437 |
| 290 | 229 | -.383 | .058 | -.238 | -.683 | 290 | 279 | -.181 | .386 | -.181 | -.128 | 290 | 329 | -.115 | .059 | -.108 | -.332 |
| 290 | 230 | -.377 | .054 | -.207 | -.630 | 290 | 280 | -.070 | .031 | -.031 | -.645 | 290 | 330 | -.155 | .052 | -.174 | -.364 |
| 290 | 231 | -.378 | .052 | -.202 | -.689 | 290 | 281 | -.060 | .084 | -.084 | -.680 | 290 | 331 | -.176 | .050 | -.018 | -.448 |
| 290 | 232 | -.376 | .055 | -.236 | -.694 | 290 | 282 | -.084 | .378 | -.084 | -.776 | 290 | 332 | -.088 | .046 | -.121 | -.274 |
| 290 | 233 | -.369 | .053 | -.238 | -.614 | 290 | 283 | -.073 | .223 | -.073 | -.726 | 290 | 333 | -.268 | .079 | -.007 | -.598 |
| 290 | 234 | -.364 | .054 | -.170 | -.614 | 290 | 284 | -.064 | .241 | -.241 | -.645 | 290 | 334 | -.173 | .057 | -.046 | -.420 |
| 290 | 235 | -.254 | .053 | -.039 | -.442 | 290 | 285 | -.063 | .162 | -.162 | -.653 | 290 | 335 | -.249 | .113 | .124 | -.732 |
| 290 | 236 | -.117 | .062 | -.179 | -.340 | 290 | 286 | -.063 | .180 | -.180 | -.635 | 290 | 336 | -.088 | .056 | -.122 | -.292 |
| 290 | 237 | -.018 | .094 | .305 | -.447 | 290 | 287 | -.071 | .130 | -.130 | -.690 | 290 | 337 | -.136 | .052 | -.103 | -.317 |
| 290 | 238 | -.144 | .201 | .451 | -.820 | 290 | 288 | -.070 | .022 | -.022 | -.620 | 290 | 338 | -.173 | .052 | -.068 | -.410 |
| 290 | 239 | -.281 | .253 | .402 | -.230 | 290 | 289 | -.065 | .006 | -.006 | -.605 | 290 | 339 | -.181 | .049 | -.007 | -.375 |
| 290 | 240 | -.358 | .089 | -.170 | -.832 | 290 | 290 | -.064 | .059 | -.059 | -.594 | 290 | 340 | -.151 | .061 | -.176 | -.395 |
| 290 | 241 | -.358 | .094 | -.071 | -.026 | 290 | 291 | -.050 | .099 | -.099 | -.559 | 290 | 341 | -.144 | .059 | -.204 | -.400 |
| 290 | 242 | -.379 | .075 | -.161 | -.744 | 290 | 292 | -.050 | .082 | -.082 | -.496 | 290 | 342 | -.088 | .071 | -.206 | -.272 |
| 290 | 243 | -.400 | .077 | -.129 | -.716 | 290 | 293 | -.113 | .097 | -.097 | -.832 | 290 | 343 | -.082 | .081 | -.344 | -.355 |
| 290 | 244 | -.405 | .082 | -.180 | -.934 | 290 | 294 | -.066 | .070 | -.070 | -.445 | 290 | 344 | -.252 | .072 | -.006 | -.563 |
| 290 | 245 | -.410 | .087 | -.190 | -.966 | 290 | 295 | -.131 | .100 | -.100 | -.332 | 290 | 345 | -.234 | .063 | -.007 | -.548 |
| 290 | 246 | -.413 | .090 | -.097 | -.985 | 290 | 296 | -.091 | .169 | -.169 | -.284 | 290 | 346 | -.105 | .095 | -.331 | -.422 |
| 290 | 247 | -.418 | .097 | -.112 | -.949 | 290 | 297 | -.134 | .305 | -.134 | -.519 | 290 | 347 | -.013 | .124 | -.549 | -.355 |
| 290 | 248 | -.414 | .083 | -.209 | -.903 | 290 | 298 | -.057 | .383 | -.057 | -.208 | 290 | 348 | -.083 | .074 | -.264 | -.375 |
| 290 | 249 | -.403 | .076 | -.219 | -.755 | 290 | 299 | -.092 | .482 | -.092 | -.279 | 290 | 349 | -.074 | .077 | -.261 | -.292 |
| 290 | 250 | -.400 | .072 | -.243 | -.738 | 290 | 300 | -.199 | .069 | -.069 | -.562 | 290 | 350 | -.102 | .079 | -.301 | -.345 |
| 290 | 251 | -.393 | .071 | -.202 | -.903 | 290 | 301 | -.107 | .036 | -.036 | -.766 | 290 | 351 | -.150 | .066 | -.128 | -.415 |
| 290 | 252 | -.397 | .071 | -.209 | -.830 | 290 | 302 | -.075 | .254 | -.254 | -.405 | 290 | 352 | -.164 | .056 | -.066 | -.392 |
| 290 | 253 | -.388 | .065 | -.224 | -.757 | 290 | 303 | -.100 | .487 | -.100 | -.377 | 290 | 353 | -.151 | .056 | -.053 | -.372 |
| 290 | 254 | -.363 | .062 | -.148 | -.682 | 290 | 304 | -.126 | .333 | -.126 | -.529 | 290 | 401 | -.349 | .066 | -.140 | -.638 |
| 290 | 255 | -.249 | .055 | -.017 | -.444 | 290 | 305 | -.104 | .132 | -.132 | -.860 | 290 | 402 | -.353 | .064 | -.162 | -.605 |
| 290 | 256 | -.132 | .066 | -.164 | -.313 | 290 | 306 | -.097 | .109 | -.109 | -.042 | 290 | 403 | -.351 | .065 | -.175 | -.683 |
| 290 | 257 | -.021 | .088 | -.312 | -.367 | 290 | 307 | -.100 | .079 | -.079 | -.875 | 290 | 404 | -.347 | .066 | -.156 | -.627 |
| 290 | 258 | -.153 | .205 | .531 | -.818 | 290 | 308 | -.076 | .056 | -.056 | -.650 | 290 | 405 | -.366 | .064 | -.192 | -.662 |
| 290 | 259 | -.235 | .225 | .506 | -.971 | 290 | 309 | -.064 | .064 | -.064 | -.530 | 290 | 406 | -.369 | .067 | -.170 | -.696 |
| 290 | 260 | -.380 | .095 | -.129 | -.051 | 290 | 310 | -.067 | .179 | -.179 | -.440 | 290 | 407 | -.332 | .071 | -.130 | -.648 |
| 290 | 261 | -.346 | .087 | -.110 | -.237 | 290 | 311 | -.067 | .080 | -.080 | -.544 | 290 | 408 | -.340 | .069 | -.137 | -.622 |
| 290 | 262 | -.360 | .063 | -.161 | -.626 | 290 | 312 | -.078 | .040 | -.040 | -.554 | 290 | 409 | -.353 | .070 | -.142 | -.648 |
| 290 | 263 | -.369 | .073 | -.034 | -.845 | 290 | 313 | -.135 | .063 | -.063 | -.006 | 290 | 410 | -.320 | .076 | -.103 | -.698 |
| 290 | 264 | -.351 | .083 | -.054 | -.811 | 290 | 314 | -.080 | .244 | -.244 | -.463 | 290 | 411 | -.323 | .068 | -.118 | -.643 |
| 290 | 265 | -.354 | .088 | -.066 | -.825 | 290 | 315 | -.061 | .145 | -.145 | -.539 | 290 | 412 | -.335 | .073 | -.122 | -.722 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 290 | 413 | 343 | .072 | .137 | .622 | 290 | 463 | .099 | .091 | .699 | -.177 | 290 | 546 | .401 | .191 | .959 | -.444 |
| 290 | 414 | 348 | .074 | .149 | .751 | 290 | 464 | .150 | .108 | .639 | -.150 | 290 | 547 | .391 | .184 | .933 | -.264 |
| 290 | 415 | 337 | .068 | .120 | .677 | 290 | 465 | .134 | .083 | .596 | -.082 | 290 | 548 | .217 | .152 | .735 | -.239 |
| 290 | 416 | 341 | .068 | .141 | .695 | 290 | 466 | .146 | .090 | .669 | -.059 | 290 | 549 | .067 | .120 | .334 | -.496 |
| 290 | 417 | 348 | .074 | .126 | .758 | 290 | 467 | .155 | .091 | .656 | -.054 | 290 | 550 | .406 | .107 | .900 | -.815 |
| 290 | 418 | 358 | .075 | .136 | .960 | 290 | 501 | .510 | .162 | .973 | -.009 | 290 | 551 | .552 | .116 | .297 | -.076 |
| 290 | 419 | 378 | .105 | .102 | .006 | 290 | 502 | .388 | .149 | .807 | -.110 | 290 | 552 | .557 | .101 | .322 | -.962 |
| 290 | 420 | 387 | .103 | .149 | .041 | 290 | 503 | .084 | .107 | .417 | -.283 | 290 | 553 | .452 | .092 | .266 | -.948 |
| 290 | 421 | 418 | .138 | .141 | .041 | 290 | 504 | .147 | .075 | .126 | -.437 | 290 | 554 | .393 | .087 | .155 | -.846 |
| 290 | 422 | 432 | .179 | .109 | .430 | 290 | 505 | .383 | .054 | .184 | -.567 | 290 | 555 | .259 | .174 | .866 | -.609 |
| 290 | 423 | 386 | .166 | .040 | .688 | 290 | 506 | .492 | .061 | .283 | -.695 | 290 | 556 | .285 | .160 | .907 | -.215 |
| 290 | 424 | 382 | .146 | .114 | .410 | 290 | 507 | .491 | .080 | .254 | -.892 | 290 | 557 | .152 | .141 | .648 | -.208 |
| 290 | 425 | 122 | .055 | .142 | .417 | 290 | 508 | .412 | .086 | .153 | -.743 | 290 | 558 | .043 | .104 | .343 | -.527 |
| 290 | 426 | 124 | .054 | .121 | .455 | 290 | 509 | .427 | .085 | .194 | -.774 | 290 | 559 | .322 | .086 | .682 | -.672 |
| 290 | 427 | 142 | .056 | .174 | .455 | 290 | 510 | .658 | .174 | 1.178 | -.030 | 290 | 560 | .492 | .102 | .225 | -.890 |
| 290 | 428 | 260 | .052 | .067 | .480 | 290 | 511 | .634 | .164 | 1.228 | -.169 | 290 | 561 | .506 | .099 | .278 | -.904 |
| 290 | 429 | 243 | .054 | .004 | .470 | 290 | 512 | .352 | .138 | .797 | -.144 | 290 | 562 | .438 | .093 | .189 | -.987 |
| 290 | 430 | 283 | .059 | .094 | .570 | 290 | 513 | .048 | .104 | .309 | -.377 | 290 | 563 | .414 | .099 | .126 | -.875 |
| 290 | 431 | 279 | .061 | .042 | .555 | 290 | 514 | .441 | .082 | .209 | -.733 | 290 | 564 | .170 | .136 | .762 | -.372 |
| 290 | 432 | 298 | .063 | .097 | .630 | 290 | 515 | .629 | .082 | .394 | -.907 | 290 | 565 | .185 | .124 | .817 | -.220 |
| 290 | 433 | 390 | .072 | .002 | .643 | 290 | 516 | .563 | .081 | .302 | -.870 | 290 | 566 | .078 | .104 | .609 | -.220 |
| 290 | 434 | 305 | .067 | .067 | .170 | 290 | 517 | .471 | .081 | .170 | -.762 | 290 | 567 | .071 | .078 | .302 | -.381 |
| 290 | 435 | 253 | .067 | .151 | .505 | 290 | 518 | .403 | .074 | .148 | -.663 | 290 | 568 | .230 | .061 | .639 | -.513 |
| 290 | 436 | 127 | .074 | .250 | .435 | 290 | 519 | .633 | .176 | 1.260 | -.003 | 290 | 569 | .346 | .082 | .109 | -.723 |
| 290 | 437 | 129 | .060 | .271 | .328 | 290 | 520 | .592 | .171 | 1.065 | -.027 | 290 | 570 | .316 | .093 | .058 | -.684 |
| 290 | 438 | 155 | .072 | .182 | .430 | 290 | 521 | .337 | .150 | .831 | -.083 | 290 | 571 | .330 | .096 | .065 | -.873 |
| 290 | 439 | 221 | .058 | .043 | .513 | 290 | 522 | .068 | .102 | .232 | -.444 | 290 | 572 | .392 | .133 | .082 | -.996 |
| 290 | 440 | 241 | .064 | .028 | .556 | 290 | 523 | .068 | .103 | .158 | -.880 | 290 | 573 | .046 | .050 | .200 | -.215 |
| 290 | 441 | 193 | .053 | .043 | .473 | 290 | 524 | .698 | .103 | .432 | -.022 | 290 | 574 | .100 | .048 | .083 | -.293 |
| 290 | 442 | 219 | .057 | .126 | .468 | 290 | 525 | .581 | .095 | .336 | -.056 | 290 | 575 | .151 | .042 | .063 | -.344 |
| 290 | 443 | 219 | .069 | .174 | .465 | 290 | 526 | .491 | .108 | .144 | -.870 | 290 | 576 | .086 | .115 | .490 | -.611 |
| 290 | 444 | 155 | .106 | .254 | .551 | 290 | 527 | .382 | .093 | .081 | -.798 | 290 | 577 | .099 | .084 | .389 | -.270 |
| 290 | 445 | 318 | .078 | .108 | .841 | 290 | 528 | .566 | .189 | 1.185 | -.541 | 290 | 578 | .036 | .061 | .387 | -.152 |
| 290 | 446 | 327 | .068 | .134 | .653 | 290 | 529 | .543 | .176 | 1.106 | -.059 | 290 | 579 | .045 | .043 | .187 | -.174 |
| 290 | 447 | 267 | .077 | .038 | .513 | 290 | 530 | .291 | .142 | .737 | -.112 | 290 | 580 | .059 | .036 | .066 | -.205 |
| 290 | 448 | 124 | .058 | .058 | .339 | 290 | 531 | .069 | .118 | .362 | -.440 | 290 | 581 | .109 | .040 | .028 | -.275 |
| 290 | 449 | 133 | .059 | .081 | .357 | 290 | 532 | .498 | .112 | .115 | -.894 | 290 | 582 | .086 | .041 | .104 | -.220 |
| 290 | 450 | 312 | .076 | .094 | .693 | 290 | 533 | .706 | .114 | .391 | -.097 | 290 | 583 | .137 | .045 | .078 | -.311 |
| 290 | 451 | 335 | .087 | .074 | .731 | 290 | 534 | .594 | .114 | .165 | -.070 | 290 | 584 | .123 | .049 | .096 | -.354 |
| 290 | 452 | 403 | .135 | .165 | .169 | 290 | 535 | .458 | .110 | .127 | -.858 | 290 | 585 | .132 | .050 | .038 | -.384 |
| 290 | 453 | 395 | .117 | .129 | .034 | 290 | 536 | .376 | .095 | .105 | -.827 | 290 | 586 | .143 | .057 | .066 | -.419 |
| 290 | 454 | 484 | .177 | .162 | .552 | 290 | 537 | .494 | .188 | 1.144 | -.404 | 290 | 587 | .056 | .039 | .104 | -.187 |
| 290 | 455 | 397 | .102 | .135 | .823 | 290 | 538 | .456 | .169 | .965 | -.019 | 290 | 588 | .051 | .042 | .167 | -.210 |
| 290 | 456 | 441 | .147 | .087 | .199 | 290 | 539 | .277 | .152 | .785 | -.141 | 290 | 589 | .081 | .037 | .068 | -.205 |
| 290 | 457 | 140 | .062 | .199 | .363 | 290 | 540 | .063 | .115 | .494 | -.416 | 290 | 590 | .077 | .034 | .051 | -.192 |
| 290 | 458 | 124 | .072 | .282 | .368 | 290 | 541 | .455 | .109 | .146 | -.916 | 290 | 591 | .054 | .037 | .116 | -.164 |
| 290 | 459 | 341 | .086 | .114 | .793 | 290 | 542 | .679 | .116 | .338 | -.075 | 290 | 592 | .060 | .097 | .591 | -.478 |
| 290 | 460 | 275 | .060 | .077 | .546 | 290 | 543 | .585 | .104 | .333 | -.610 | 290 | 593 | .077 | .075 | .458 | -.374 |
| 290 | 461 | 409 | .164 | .037 | .380 | 290 | 544 | .444 | .095 | .156 | -.851 | 290 | 594 | .014 | .047 | .253 | -.134 |
| 290 | 462 | 140 | .090 | .491 | .250 | 290 | 545 | .399 | .089 | .115 | -.839 | 290 | 595 | .042 | .042 | .205 | -.202 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|---------|
| 290 | 596 | .183 | .063 | .061 | -.498 | 290 | 727 | .084 | .098 | .451 | -.458 | 290 | 905 | -.963 | .147 | -.445 | -1.645 |
| 290 | 597 | .120 | .041 | .030 | -.339 | 290 | 728 | -.104 | .065 | .194 | -.346 | 290 | 906 | -.229 | .106 | -.119 | -.713 |
| 290 | 598 | .125 | .050 | .051 | -.394 | 290 | 729 | -.063 | .060 | .223 | -.296 | 290 | 907 | -.363 | .097 | -.139 | -.727 |
| 290 | 599 | .139 | .060 | .062 | -.484 | 290 | 730 | -.018 | .066 | .285 | -.250 | 290 | 908 | -.583 | .230 | -.065 | -1.365 |
| 290 | 600 | .000 | .048 | .215 | -.124 | 290 | 731 | .019 | .077 | .446 | -.202 | 290 | 909 | -.914 | .145 | -.474 | -1.463 |
| 290 | 601 | .002 | .046 | .200 | -.114 | 290 | 732 | .063 | .084 | .473 | -.177 | 290 | 910 | -.257 | .060 | -.094 | -.725 |
| 290 | 602 | .021 | .040 | .154 | -.141 | 290 | 733 | .096 | .086 | .508 | -.207 | 290 | 911 | -.326 | .045 | -.170 | -.550 |
| 290 | 603 | .084 | .038 | .076 | -.205 | 290 | 734 | .083 | .098 | .538 | -.275 | 290 | 912 | -.259 | .063 | -.022 | -.734 |
| 290 | 604 | .059 | .037 | .124 | -.201 | 290 | 735 | .190 | .056 | .104 | -.353 | 290 | 913 | -.331 | .071 | -.152 | -.771 |
| 290 | 605 | .050 | .037 | .126 | -.191 | 290 | 736 | .178 | .055 | .071 | -.408 | 290 | 914 | -.404 | .107 | -.172 | -.953 |
| 290 | 606 | .044 | .040 | .161 | -.168 | 290 | 737 | .106 | .040 | .094 | -.285 | 290 | 915 | -.346 | .045 | -.161 | -.521 |
| 290 | 607 | .081 | .072 | .327 | -.198 | 290 | 738 | .055 | .044 | .109 | -.182 | 290 | 916 | -.339 | .065 | -.036 | -.753 |
| 290 | 608 | .086 | .077 | .523 | -.327 | 290 | 739 | .021 | .055 | .320 | -.135 | 290 | 917 | -.089 | .155 | -.456 | -.681 |
| 290 | 609 | .054 | .066 | .378 | -.158 | 290 | 740 | .069 | .068 | .546 | -.107 | 290 | 918 | .012 | .106 | -.481 | -.462 |
| 290 | 610 | .054 | .063 | .330 | -.136 | 290 | 741 | .077 | .079 | .554 | -.220 | 290 | 919 | -.386 | .076 | -.082 | -.684 |
| 290 | 611 | .040 | .066 | .333 | -.118 | 290 | 742 | .049 | .075 | .478 | -.288 | 290 | 920 | -.393 | .088 | -.167 | -.863 |
| 290 | 612 | .001 | .067 | .375 | -.136 | 290 | 743 | .145 | .085 | .606 | -.025 | 290 | 921 | -.027 | .069 | -.253 | -.349 |
| 290 | 613 | .074 | .045 | .126 | -.219 | 290 | 744 | .148 | .086 | .649 | -.050 | 290 | 922 | -.127 | .054 | -.035 | -.447 |
| 290 | 614 | .083 | .038 | .116 | -.221 | 290 | 745 | .126 | .074 | .443 | -.110 | 290 | 923 | -.284 | .174 | -.203 | -.882 |
| 290 | 615 | .053 | .037 | .134 | -.163 | 290 | 746 | .131 | .078 | .591 | -.098 | 290 | 924 | -.466 | .090 | -.332 | -.892 |
| 290 | 616 | .042 | .042 | .121 | -.158 | 290 | 747 | .108 | .073 | .626 | -.441 | 290 | 925 | -.066 | .071 | -.329 | -.429 |
| 290 | 617 | .104 | .043 | .066 | -.304 | 290 | 748 | .274 | .167 | .722 | -1.011 | 290 | 926 | -.468 | .080 | -.205 | -.776 |
| 290 | 618 | .094 | .040 | .063 | -.276 | 290 | 749 | .309 | .107 | .383 | -.727 | 290 | 927 | -.244 | .099 | -.205 | -.574 |
| 290 | 619 | .103 | .046 | .038 | -.392 | 290 | 750 | .362 | .077 | -.077 | -.946 | 290 | 928 | -.397 | .063 | -.170 | -.641 |
| 290 | 701 | .225 | .103 | .679 | -.205 | 290 | 751 | .295 | .065 | -.074 | -.629 | 290 | 929 | -.385 | .060 | -.170 | -.600 |
| 290 | 702 | .374 | .196 | .873 | -.629 | 290 | 752 | .318 | .061 | -.059 | -.607 | 290 | 930 | -.114 | .052 | -.069 | -.260 |
| 290 | 703 | .131 | .208 | .738 | -.800 | 290 | 753 | .231 | .145 | .257 | -.767 | 290 | 931 | -.416 | .084 | -.133 | -.935 |
| 290 | 704 | .344 | .123 | .762 | -.317 | 290 | 754 | .336 | .104 | .108 | -.847 | 290 | 932 | -.212 | .051 | -.015 | -.492 |
| 290 | 705 | .387 | .243 | 1.004 | -.677 | 290 | 755 | .056 | .168 | .586 | -.735 | 290 | 933 | -.292 | .063 | -.020 | -.579 |
| 290 | 706 | .359 | .218 | .977 | -.648 | 290 | 756 | .211 | .114 | .296 | -.644 | 290 | 934 | -.361 | .069 | -.143 | -.651 |
| 290 | 707 | .393 | .159 | .854 | -.892 | 290 | 757 | .036 | .185 | .559 | -.833 | 290 | 935 | -.142 | .043 | -.045 | -.317 |
| 290 | 708 | .351 | .244 | .989 | -.629 | 290 | 758 | .295 | .059 | -.082 | -.549 | 290 | 936 | -.148 | .104 | -.227 | -.549 |
| 290 | 709 | .352 | .221 | .943 | -.713 | 290 | 759 | .343 | .070 | -.100 | -.694 | 290 | 937 | -.351 | .112 | -.008 | -.888 |
| 290 | 710 | .380 | .165 | .815 | -.278 | 290 | 760 | .148 | .084 | .164 | -.404 | 290 | 938 | -.296 | .063 | -.110 | -.554 |
| 290 | 711 | .329 | .241 | .994 | -.803 | 290 | 761 | .111 | .103 | .344 | -.369 | 290 | 939 | -.090 | .138 | -.448 | -.596 |
| 290 | 712 | .302 | .222 | .924 | -.624 | 290 | 762 | .271 | .055 | -.113 | -.561 | 290 | 940 | -.420 | .139 | -.135 | -.1.384 |
| 290 | 713 | .277 | .147 | .733 | -.382 | 290 | 763 | .280 | .058 | -.113 | -.619 | 290 | 941 | -.343 | .153 | -.017 | -.968 |
| 290 | 714 | .298 | .239 | .892 | -.902 | 290 | 764 | .281 | .062 | -.043 | -.636 | 290 | 942 | -.032 | .149 | -.598 | -.444 |
| 290 | 715 | .272 | .234 | 1.008 | -.631 | 290 | 765 | .272 | .059 | -.088 | -.519 | 290 | 943 | -.360 | .121 | -.035 | -.1.165 |
| 290 | 716 | .201 | .145 | .636 | -.561 | 290 | 766 | .144 | .087 | .565 | -.052 | 290 | 944 | -.233 | .046 | -.068 | -.422 |
| 290 | 717 | .192 | .240 | .873 | -.786 | 290 | 767 | .265 | .053 | -.043 | -.467 | 290 | 945 | -.211 | .040 | -.035 | -.412 |
| 290 | 718 | .158 | .219 | .762 | -.747 | 290 | 801 | .078 | .037 | -.152 | -.207 | 290 | 946 | -.141 | .070 | -.129 | -.419 |
| 290 | 719 | .124 | .133 | .583 | -.664 | 290 | 802 | .077 | .040 | -.114 | -.210 | 290 | 947 | -.194 | .046 | -.040 | -.484 |
| 290 | 720 | .113 | .194 | .773 | -.1.124 | 290 | 803 | .113 | .034 | -.015 | -.247 | 290 | 948 | -.273 | .086 | -.028 | -.751 |
| 290 | 721 | .101 | .184 | .823 | -.694 | 290 | 804 | .042 | .038 | -.117 | -.162 | 290 | 949 | -.132 | .056 | -.159 | -.509 |
| 290 | 722 | .041 | .111 | .566 | -.417 | 290 | 805 | .011 | .043 | .142 | -.162 | 290 | 950 | -.065 | .070 | -.254 | -.896 |
| 290 | 723 | .110 | .158 | .737 | -.651 | 290 | 901 | .266 | .066 | -.034 | -.598 | 290 | 951 | -.278 | .170 | -.132 | -.1.083 |
| 290 | 724 | .085 | .155 | .594 | -.790 | 290 | 902 | .408 | .093 | -.156 | -.861 | 290 | 952 | -.366 | .130 | -.020 | -.1.083 |
| 290 | 725 | .105 | .089 | .536 | -.249 | 290 | 903 | .547 | .088 | -.275 | -1.090 | 290 | 953 | -.191 | .044 | -.082 | -.377 |
| 290 | 726 | .111 | .097 | .551 | -.287 | 290 | 904 | .674 | .106 | -.337 | -1.164 | 290 | 954 | -.152 | .046 | -.007 | -.377 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 300 | 101 | 397 | 060 | 241 | 611 | 300 | 151 | 438 | 057 | 254 | 644 | 300 | 201 | 348 | 060 | 174 | 641 |
| 300 | 102 | 385 | 069 | 162 | 792 | 300 | 152 | 438 | 063 | 226 | 661 | 300 | 202 | 355 | 061 | 122 | 666 |
| 300 | 103 | 374 | 068 | 171 | 650 | 300 | 153 | 424 | 059 | 256 | 647 | 300 | 203 | 368 | 069 | 171 | 694 |
| 300 | 104 | 382 | 070 | 171 | 684 | 300 | 154 | 366 | 051 | 190 | 552 | 300 | 204 | 382 | 071 | 138 | 830 |
| 300 | 105 | 374 | 062 | 176 | 672 | 300 | 155 | 222 | 048 | 059 | 382 | 300 | 205 | 389 | 074 | 107 | 813 |
| 300 | 106 | 398 | 069 | 154 | 674 | 300 | 156 | 010 | 059 | 179 | 185 | 300 | 206 | 421 | 089 | 193 | 959 |
| 300 | 107 | 349 | 078 | 029 | 580 | 300 | 157 | 140 | 087 | 446 | 132 | 300 | 207 | 402 | 078 | 121 | 1038 |
| 300 | 108 | 351 | 118 | 099 | 751 | 300 | 158 | 162 | 186 | 621 | 615 | 300 | 208 | 406 | 076 | 131 | 959 |
| 300 | 109 | 461 | 106 | 109 | 911 | 300 | 159 | 058 | 217 | 694 | 875 | 300 | 209 | 394 | 062 | 198 | 787 |
| 300 | 110 | 472 | 094 | 188 | 889 | 300 | 160 | 353 | 060 | 154 | 678 | 300 | 210 | 381 | 061 | 198 | 672 |
| 300 | 111 | 454 | 078 | 193 | 754 | 300 | 161 | 346 | 064 | 151 | 639 | 300 | 211 | 382 | 056 | 219 | 622 |
| 300 | 112 | 460 | 073 | 208 | 746 | 300 | 162 | 354 | 054 | 105 | 559 | 300 | 212 | 381 | 059 | 221 | 641 |
| 300 | 113 | 468 | 071 | 234 | 860 | 300 | 163 | 362 | 058 | 154 | 666 | 300 | 213 | 380 | 056 | 238 | 620 |
| 300 | 114 | 474 | 071 | 244 | 790 | 300 | 164 | 382 | 065 | 168 | 705 | 300 | 214 | 354 | 036 | 272 | 498 |
| 300 | 115 | 273 | 053 | 012 | 464 | 300 | 165 | 408 | 074 | 158 | 938 | 300 | 215 | 201 | 054 | 003 | 409 |
| 300 | 116 | 183 | 053 | 034 | 413 | 300 | 166 | 426 | 084 | 205 | 831 | 300 | 216 | 009 | 064 | 219 | 218 |
| 300 | 117 | 069 | 079 | 194 | 363 | 300 | 167 | 412 | 073 | 183 | 902 | 300 | 217 | 175 | 101 | 615 | 089 |
| 300 | 118 | 086 | 107 | 266 | 632 | 300 | 168 | 409 | 068 | 188 | 938 | 300 | 218 | 182 | 169 | 594 | 540 |
| 300 | 119 | 187 | 147 | 290 | 771 | 300 | 169 | 411 | 061 | 226 | 681 | 300 | 219 | 111 | 195 | 747 | 588 |
| 300 | 120 | 375 | 056 | 075 | 568 | 300 | 170 | 388 | 060 | 214 | 635 | 300 | 220 | 380 | 086 | 125 | 279 |
| 300 | 121 | 376 | 057 | 181 | 589 | 300 | 171 | 379 | 057 | 219 | 775 | 300 | 221 | 376 | 082 | 153 | 446 |
| 300 | 122 | 403 | 057 | 094 | 645 | 300 | 172 | 376 | 061 | 192 | 681 | 300 | 222 | 373 | 071 | 177 | 676 |
| 300 | 123 | 439 | 074 | 121 | 742 | 300 | 173 | 369 | 061 | 202 | 654 | 300 | 223 | 386 | 072 | 194 | 788 |
| 300 | 124 | 466 | 082 | 140 | 991 | 300 | 174 | 362 | 050 | 207 | 676 | 300 | 224 | 400 | 080 | 147 | 856 |
| 300 | 125 | 476 | 064 | 241 | 742 | 300 | 175 | 245 | 052 | 047 | 428 | 300 | 225 | 396 | 084 | 136 | 883 |
| 300 | 126 | 481 | 072 | 239 | 715 | 300 | 176 | 033 | 070 | 264 | 183 | 300 | 226 | 431 | 095 | 169 | 928 |
| 300 | 127 | 496 | 076 | 241 | 795 | 300 | 177 | 205 | 098 | 599 | 066 | 300 | 227 | 422 | 089 | 169 | 1004 |
| 300 | 128 | 357 | 051 | 186 | 604 | 300 | 178 | 193 | 210 | 748 | 559 | 300 | 228 | 424 | 088 | 183 | 947 |
| 300 | 129 | 249 | 050 | 063 | 415 | 300 | 179 | 118 | 194 | 670 | 613 | 300 | 229 | 418 | 075 | 159 | 835 |
| 300 | 130 | 400 | 059 | 135 | 630 | 300 | 180 | 337 | 067 | 151 | 637 | 300 | 230 | 410 | 071 | 243 | 971 |
| 300 | 131 | 400 | 060 | 130 | 657 | 300 | 181 | 331 | 063 | 132 | 630 | 300 | 231 | 405 | 066 | 236 | 811 |
| 300 | 132 | 433 | 070 | 205 | 739 | 300 | 182 | 332 | 053 | 132 | 576 | 300 | 232 | 414 | 074 | 222 | 1041 |
| 300 | 133 | 446 | 073 | 239 | 846 | 300 | 183 | 349 | 062 | 110 | 822 | 300 | 233 | 408 | 064 | 239 | 680 |
| 300 | 134 | 443 | 067 | 198 | 773 | 300 | 184 | 370 | 073 | 129 | 756 | 300 | 234 | 368 | 066 | 177 | 754 |
| 300 | 135 | 475 | 065 | 263 | 766 | 300 | 185 | 390 | 081 | 151 | 902 | 300 | 235 | 207 | 056 | 001 | 473 |
| 300 | 136 | 462 | 067 | 229 | 697 | 300 | 186 | 423 | 094 | 081 | 931 | 300 | 236 | 003 | 074 | 372 | 218 |
| 300 | 137 | 425 | 051 | 288 | 583 | 300 | 187 | 407 | 074 | 188 | 836 | 300 | 237 | 154 | 098 | 538 | 133 |
| 300 | 138 | 391 | 053 | 222 | 585 | 300 | 188 | 400 | 076 | 226 | 1033 | 300 | 238 | 186 | 171 | 675 | 627 |
| 300 | 139 | 269 | 045 | 048 | 420 | 300 | 189 | 394 | 066 | 214 | 797 | 300 | 239 | 166 | 195 | 728 | 528 |
| 300 | 140 | 405 | 078 | 205 | 783 | 300 | 190 | 376 | 061 | 175 | 664 | 300 | 240 | 399 | 110 | 095 | 1108 |
| 300 | 141 | 398 | 069 | 198 | 659 | 300 | 191 | 370 | 059 | 202 | 669 | 300 | 241 | 395 | 098 | 126 | 1115 |
| 300 | 142 | 400 | 077 | 200 | 739 | 300 | 192 | 368 | 058 | 190 | 683 | 300 | 242 | 386 | 093 | 133 | 836 |
| 300 | 143 | 395 | 055 | 179 | 626 | 300 | 193 | 362 | 063 | 171 | 708 | 300 | 243 | 408 | 099 | 143 | 1026 |
| 300 | 144 | 396 | 057 | 162 | 645 | 300 | 194 | 375 | 063 | 170 | 702 | 300 | 244 | 407 | 100 | 102 | 1094 |
| 300 | 145 | 412 | 058 | 154 | 659 | 300 | 195 | 204 | 055 | 031 | 448 | 300 | 245 | 419 | 112 | 080 | 1139 |
| 300 | 146 | 436 | 071 | 167 | 717 | 300 | 196 | 029 | 071 | 287 | 183 | 300 | 246 | 432 | 116 | 076 | 966 |
| 300 | 147 | 437 | 068 | 188 | 788 | 300 | 197 | 214 | 103 | 731 | 150 | 300 | 247 | 437 | 110 | 045 | 1110 |
| 300 | 148 | 442 | 064 | 251 | 807 | 300 | 198 | 236 | 192 | 721 | 536 | 300 | 248 | 436 | 112 | 269 | 1221 |
| 300 | 149 | 446 | 060 | 278 | 661 | 300 | 199 | 144 | 217 | 757 | 751 | 300 | 249 | 429 | 096 | 083 | 961 |
| 300 | 150 | 452 | 067 | 261 | 705 | 300 | 200 | 354 | 073 | 128 | 766 | 300 | 250 | 428 | 093 | 210 | 1223 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 300 | 251 | .421 | .088 | .218 | -1.094 | 300 | 301 | .383 | .138 | .043 | -1.050 | 300 | 351 | .140 | .066 | .134 | -.362 |
| 300 | 252 | .430 | .087 | .196 | -1.123 | 300 | 302 | .173 | .075 | .151 | -.476 | 300 | 352 | .172 | .054 | .051 | -.405 |
| 300 | 253 | .428 | .094 | .206 | -1.344 | 300 | 303 | .023 | .098 | .372 | -.416 | 300 | 353 | .165 | .061 | .103 | -.395 |
| 300 | 254 | .372 | .071 | .153 | -.721 | 300 | 304 | .127 | .126 | .418 | -.602 | 300 | 401 | .399 | .083 | .145 | -.741 |
| 300 | 255 | .214 | .061 | .006 | -.514 | 300 | 305 | .319 | .098 | .091 | -.980 | 300 | 402 | .390 | .081 | .118 | -.705 |
| 300 | 256 | .036 | .070 | .297 | -.350 | 300 | 306 | .326 | .093 | .053 | -.902 | 300 | 403 | .390 | .081 | .153 | -.732 |
| 300 | 257 | .113 | .094 | .488 | -.150 | 300 | 307 | .287 | .086 | .091 | -.730 | 300 | 404 | .405 | .092 | .177 | -.846 |
| 300 | 258 | .149 | .172 | .658 | -.450 | 300 | 308 | .243 | .070 | .061 | -.534 | 300 | 405 | .405 | .080 | .151 | -.709 |
| 300 | 259 | .066 | .178 | .743 | -.744 | 300 | 309 | .229 | .063 | .017 | -.657 | 300 | 406 | .415 | .084 | .170 | -.807 |
| 300 | 260 | .387 | .095 | .138 | -.848 | 300 | 310 | .233 | .073 | .103 | -.529 | 300 | 407 | .352 | .081 | .129 | -.690 |
| 300 | 261 | .361 | .082 | .119 | -.721 | 300 | 311 | .240 | .081 | .153 | -.534 | 300 | 408 | .359 | .080 | .141 | -.791 |
| 300 | 262 | .381 | .085 | .145 | -.737 | 300 | 312 | .258 | .091 | .050 | -.693 | 300 | 409 | .371 | .087 | .163 | -.922 |
| 300 | 263 | .398 | .102 | .102 | -.978 | 300 | 313 | .383 | .156 | .013 | -.015 | 300 | 410 | .331 | .091 | .070 | -.772 |
| 300 | 264 | .387 | .110 | .109 | -1.149 | 300 | 314 | .156 | .075 | .136 | -.471 | 300 | 411 | .341 | .085 | .132 | -.896 |
| 300 | 265 | .421 | .117 | .107 | -.978 | 300 | 315 | .116 | .124 | .385 | -.484 | 300 | 412 | .350 | .092 | .096 | -1.142 |
| 300 | 266 | .411 | .115 | .045 | -1.161 | 300 | 316 | .342 | .101 | .113 | -.972 | 300 | 413 | .344 | .088 | .134 | -.838 |
| 300 | 267 | .417 | .133 | .050 | -1.049 | 300 | 317 | .261 | .097 | .008 | -.695 | 300 | 414 | .360 | .091 | .139 | -1.022 |
| 300 | 268 | .424 | .158 | .468 | -1.313 | 300 | 318 | .223 | .073 | .116 | -.604 | 300 | 415 | .355 | .085 | .163 | -.829 |
| 300 | 269 | .468 | .129 | .218 | -1.067 | 300 | 319 | .219 | .059 | .033 | -.476 | 300 | 416 | .363 | .091 | .094 | -1.128 |
| 300 | 270 | .535 | .143 | .208 | -1.327 | 300 | 320 | .191 | .050 | .033 | -.456 | 300 | 417 | .373 | .091 | .147 | -.964 |
| 300 | 271 | .546 | .151 | .184 | -1.382 | 300 | 321 | .178 | .051 | .015 | -.451 | 300 | 418 | .375 | .105 | .125 | -.832 |
| 300 | 272 | .569 | .163 | .167 | -1.402 | 300 | 322 | .287 | .097 | .010 | -.607 | 300 | 419 | .431 | .146 | .080 | -1.218 |
| 300 | 273 | .517 | .144 | .157 | -1.606 | 300 | 323 | .311 | .127 | .002 | -.962 | 300 | 420 | .434 | .148 | .041 | -1.559 |
| 300 | 274 | .388 | .087 | .078 | -.850 | 300 | 324 | .283 | .132 | .116 | -1.251 | 300 | 421 | .443 | .166 | .092 | -1.599 |
| 300 | 275 | .236 | .067 | .008 | -.497 | 300 | 325 | .086 | .087 | .341 | -.554 | 300 | 422 | .327 | .104 | .074 | -1.118 |
| 300 | 276 | .074 | .061 | .199 | -.271 | 300 | 326 | .011 | .127 | .554 | -.451 | 300 | 423 | .311 | .088 | .067 | -.810 |
| 300 | 277 | .066 | .083 | .379 | -.319 | 300 | 327 | .233 | .076 | .048 | -.617 | 300 | 424 | .329 | .089 | .099 | -.803 |
| 300 | 278 | .068 | .138 | .538 | -.347 | 300 | 328 | .140 | .073 | .148 | -.456 | 300 | 425 | .142 | .052 | .064 | -.349 |
| 300 | 279 | .062 | .157 | .536 | -.637 | 300 | 329 | .107 | .059 | .155 | -.321 | 300 | 426 | .142 | .051 | .092 | -.520 |
| 300 | 280 | .285 | .082 | .088 | -.688 | 300 | 330 | .131 | .052 | .095 | -.303 | 300 | 427 | .161 | .061 | .069 | -.520 |
| 300 | 281 | .316 | .078 | .033 | -.688 | 300 | 331 | .165 | .053 | .231 | -.461 | 300 | 428 | .283 | .066 | .126 | -.614 |
| 300 | 282 | .385 | .103 | .131 | -.919 | 300 | 332 | .082 | .051 | .218 | -.288 | 300 | 429 | .274 | .066 | .065 | -.566 |
| 300 | 283 | .416 | .091 | .184 | -.866 | 300 | 333 | .269 | .087 | .050 | -.629 | 300 | 430 | .302 | .068 | .088 | -.596 |
| 300 | 284 | .390 | .078 | .204 | -.668 | 300 | 334 | .186 | .063 | .005 | -.526 | 300 | 431 | .267 | .071 | .022 | -.637 |
| 300 | 285 | .374 | .080 | .098 | -.688 | 300 | 335 | .267 | .131 | .138 | -.780 | 300 | 432 | .297 | .073 | .103 | -.637 |
| 300 | 286 | .351 | .072 | .103 | -.688 | 300 | 336 | .061 | .056 | .175 | -.216 | 300 | 433 | .284 | .079 | .005 | -.712 |
| 300 | 287 | .351 | .078 | .093 | -.713 | 300 | 337 | .103 | .058 | .251 | -.341 | 300 | 434 | .331 | .079 | .098 | -.725 |
| 300 | 288 | .308 | .076 | .071 | -.592 | 300 | 338 | .173 | .048 | .018 | -.416 | 300 | 435 | .262 | .084 | .063 | -.659 |
| 300 | 289 | .280 | .076 | .030 | -.577 | 300 | 339 | .161 | .047 | .005 | -.342 | 300 | 436 | .141 | .071 | .226 | -.495 |
| 300 | 290 | .272 | .076 | .061 | -.594 | 300 | 340 | .172 | .064 | .113 | -.390 | 300 | 437 | .143 | .068 | .238 | -.427 |
| 300 | 291 | .246 | .058 | .088 | -.516 | 300 | 341 | .152 | .060 | .144 | -.390 | 300 | 438 | .163 | .086 | .342 | -.435 |
| 300 | 292 | .238 | .060 | .053 | -.521 | 300 | 342 | .119 | .068 | .171 | -.375 | 300 | 439 | .263 | .063 | .104 | -.619 |
| 300 | 293 | .438 | .142 | .056 | -.129 | 300 | 343 | .111 | .087 | .330 | -.438 | 300 | 440 | .278 | .068 | .099 | -.672 |
| 300 | 294 | .189 | .065 | .058 | -.466 | 300 | 344 | .248 | .080 | .126 | -.622 | 300 | 441 | .273 | .054 | .030 | -.513 |
| 300 | 295 | .138 | .060 | .103 | -.335 | 300 | 345 | .227 | .076 | .302 | -.534 | 300 | 442 | .246 | .058 | .018 | -.511 |
| 300 | 296 | .042 | .073 | .262 | -.232 | 300 | 346 | .152 | .092 | .312 | -.546 | 300 | 443 | .228 | .077 | .156 | -.486 |
| 300 | 297 | .004 | .168 | .624 | -.504 | 300 | 347 | .097 | .117 | .431 | -.521 | 300 | 444 | .106 | .126 | .494 | -.463 |
| 300 | 298 | .129 | .102 | .579 | -.149 | 300 | 348 | .123 | .071 | .156 | -.463 | 300 | 445 | .351 | .109 | .161 | -.946 |
| 300 | 299 | .103 | .102 | .571 | -.224 | 300 | 349 | .121 | .079 | .295 | -.400 | 300 | 446 | .347 | .094 | .025 | -.856 |
| 300 | 300 | .240 | .087 | .017 | -.594 | 300 | 350 | .105 | .082 | .237 | -.395 | 300 | 447 | .286 | .092 | .051 | -.624 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 300 | 448 | 136 | 062 | 051 | 420 | 300 | 531 | 446 | 120 | 039 | 852 | 300 | 581 | 198 | 045 | 036 | 364 |
| 300 | 449 | 147 | 060 | 028 | 372 | 300 | 532 | 798 | 134 | 457 | 1220 | 300 | 582 | 156 | 046 | 019 | 336 |
| 300 | 450 | 277 | 075 | 055 | 687 | 300 | 533 | 882 | 141 | 395 | 1313 | 300 | 583 | 215 | 049 | 057 | 432 |
| 300 | 451 | 302 | 082 | 058 | 669 | 300 | 534 | 727 | 162 | 150 | 1301 | 300 | 584 | 187 | 042 | 047 | 359 |
| 300 | 452 | 316 | 104 | 070 | 816 | 300 | 535 | 481 | 148 | 099 | 1090 | 300 | 585 | 179 | 052 | 039 | 445 |
| 300 | 453 | 335 | 103 | 007 | 861 | 300 | 536 | 394 | 115 | 070 | 1006 | 300 | 586 | 185 | 058 | 082 | 490 |
| 300 | 454 | 397 | 150 | 033 | 327 | 300 | 537 | 191 | 331 | 050 | 1030 | 300 | 587 | 111 | 039 | 054 | 278 |
| 300 | 455 | 348 | 113 | 045 | 926 | 300 | 538 | 175 | 227 | 746 | 1085 | 300 | 588 | 112 | 039 | 052 | 291 |
| 300 | 456 | 451 | 163 | 070 | 133 | 300 | 539 | 066 | 127 | 363 | 520 | 300 | 589 | 152 | 038 | 001 | 339 |
| 300 | 457 | 149 | 066 | 205 | 380 | 300 | 540 | 407 | 113 | 024 | 630 | 300 | 590 | 132 | 034 | 029 | 261 |
| 300 | 458 | 125 | 068 | 177 | 348 | 300 | 541 | 756 | 143 | 395 | 1284 | 300 | 591 | 102 | 034 | 037 | 236 |
| 300 | 459 | 325 | 090 | 088 | 805 | 300 | 542 | 855 | 136 | 430 | 1378 | 300 | 592 | 056 | 123 | 521 | 611 |
| 300 | 460 | 269 | 074 | 022 | 557 | 300 | 543 | 697 | 141 | 267 | 1200 | 300 | 593 | 091 | 089 | 490 | 301 |
| 300 | 461 | 432 | 183 | 020 | 259 | 300 | 544 | 472 | 132 | 092 | 1073 | 300 | 594 | 015 | 051 | 226 | 213 |
| 300 | 462 | 186 | 106 | 723 | 184 | 300 | 545 | 408 | 105 | 157 | 960 | 300 | 595 | 097 | 039 | 044 | 233 |
| 300 | 463 | 177 | 110 | 740 | 184 | 300 | 546 | 106 | 298 | 831 | 864 | 300 | 596 | 259 | 057 | 082 | 540 |
| 300 | 464 | 225 | 132 | 914 | 126 | 300 | 547 | 150 | 210 | 881 | 130 | 300 | 597 | 166 | 041 | 006 | 344 |
| 300 | 465 | 202 | 105 | 831 | 030 | 300 | 548 | 066 | 150 | 413 | 492 | 300 | 598 | 172 | 059 | 027 | 515 |
| 300 | 466 | 221 | 112 | 957 | 014 | 300 | 549 | 373 | 115 | 070 | 783 | 300 | 599 | 174 | 064 | 016 | 822 |
| 300 | 467 | 239 | 119 | 753 | 045 | 300 | 550 | 667 | 132 | 251 | 188 | 300 | 600 | 048 | 040 | 097 | 173 |
| 300 | 501 | 267 | 219 | 786 | 657 | 300 | 551 | 733 | 134 | 391 | 267 | 300 | 601 | 043 | 039 | 125 | 173 |
| 300 | 502 | 154 | 139 | 601 | 578 | 300 | 552 | 630 | 121 | 241 | 200 | 300 | 602 | 069 | 036 | 068 | 186 |
| 300 | 503 | 139 | 095 | 156 | 441 | 300 | 553 | 472 | 119 | 203 | 1041 | 300 | 603 | 159 | 037 | 030 | 333 |
| 300 | 504 | 327 | 069 | 082 | 556 | 300 | 554 | 406 | 106 | 109 | 881 | 300 | 604 | 121 | 030 | 010 | 231 |
| 300 | 505 | 483 | 059 | 311 | 691 | 300 | 555 | 092 | 254 | 773 | 903 | 300 | 605 | 100 | 030 | 015 | 188 |
| 300 | 506 | 631 | 103 | 366 | 018 | 300 | 556 | 123 | 166 | 654 | 864 | 300 | 606 | 090 | 033 | 030 | 193 |
| 300 | 507 | 692 | 135 | 340 | 181 | 300 | 557 | 034 | 109 | 507 | 401 | 300 | 607 | 073 | 077 | 469 | 313 |
| 300 | 508 | 551 | 109 | 251 | 128 | 300 | 558 | 287 | 112 | 229 | 686 | 300 | 608 | 102 | 088 | 599 | 291 |
| 300 | 509 | 503 | 100 | 236 | 917 | 300 | 559 | 517 | 107 | 213 | 932 | 300 | 609 | 038 | 056 | 358 | 181 |
| 300 | 510 | 413 | 270 | 036 | 914 | 300 | 560 | 628 | 117 | 357 | 079 | 300 | 610 | 034 | 066 | 341 | 135 |
| 300 | 511 | 352 | 197 | 920 | 787 | 300 | 561 | 552 | 108 | 244 | 951 | 300 | 611 | 001 | 048 | 273 | 130 |
| 300 | 512 | 027 | 129 | 459 | 402 | 300 | 562 | 457 | 117 | 169 | 062 | 300 | 612 | 064 | 042 | 208 | 206 |
| 300 | 513 | 350 | 096 | 034 | 722 | 300 | 563 | 440 | 123 | 154 | 113 | 300 | 613 | 136 | 039 | 028 | 268 |
| 300 | 514 | 694 | 096 | 421 | 010 | 300 | 564 | 099 | 192 | 628 | 731 | 300 | 614 | 141 | 033 | 023 | 248 |
| 300 | 515 | 768 | 104 | 409 | 174 | 300 | 565 | 112 | 131 | 847 | 773 | 300 | 615 | 105 | 032 | 040 | 213 |
| 300 | 516 | 684 | 107 | 356 | 042 | 300 | 566 | 021 | 091 | 386 | 287 | 300 | 616 | 092 | 034 | 050 | 198 |
| 300 | 517 | 518 | 092 | 224 | 859 | 300 | 567 | 221 | 084 | 084 | 547 | 300 | 617 | 141 | 036 | 012 | 293 |
| 300 | 518 | 455 | 082 | 159 | 775 | 300 | 568 | 357 | 078 | 166 | 652 | 300 | 618 | 136 | 042 | 055 | 331 |
| 300 | 519 | 287 | 334 | 062 | 871 | 300 | 569 | 393 | 085 | 145 | 773 | 300 | 619 | 145 | 048 | 020 | 504 |
| 300 | 520 | 300 | 208 | 904 | 835 | 300 | 570 | 295 | 084 | 068 | 620 | 300 | 701 | 371 | 134 | 740 | 032 |
| 300 | 521 | 022 | 133 | 464 | 416 | 300 | 571 | 279 | 081 | 039 | 613 | 300 | 702 | 434 | 152 | 898 | 036 |
| 300 | 522 | 432 | 106 | 111 | 878 | 300 | 572 | 300 | 094 | 026 | 801 | 300 | 703 | 455 | 147 | 891 | 063 |
| 300 | 523 | 822 | 126 | 491 | 193 | 300 | 573 | 120 | 043 | 035 | 293 | 300 | 704 | 526 | 151 | 956 | 044 |
| 300 | 524 | 888 | 133 | 529 | 337 | 300 | 574 | 214 | 053 | 031 | 432 | 300 | 705 | 663 | 157 | 1243 | 094 |
| 300 | 525 | 720 | 134 | 248 | 272 | 300 | 575 | 219 | 042 | 082 | 377 | 300 | 706 | 663 | 166 | 1101 | 101 |
| 300 | 526 | 523 | 149 | 077 | 058 | 300 | 576 | 092 | 153 | 594 | 568 | 300 | 707 | 561 | 149 | 1036 | 184 |
| 300 | 527 | 430 | 111 | 099 | 893 | 300 | 577 | 106 | 096 | 488 | 621 | 300 | 708 | 631 | 166 | 1454 | 188 |
| 300 | 528 | 174 | 342 | 988 | 116 | 300 | 578 | 009 | 054 | 266 | 170 | 300 | 709 | 626 | 164 | 1111 | 058 |
| 300 | 529 | 291 | 211 | 863 | 780 | 300 | 579 | 108 | 042 | 090 | 281 | 300 | 710 | 539 | 152 | 990 | 107 |
| 300 | 530 | 049 | 136 | 391 | 443 | 300 | 580 | 133 | 035 | 014 | 324 | 300 | 711 | 595 | 179 | 1118 | 135 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 300 | 712 | .554 | .170 | 1.082 | -.002 | 300 | 762 | -.292 | .063 | -.101 | -.585 | 300 | 940 | -.336 | .109 | -.104 | -1.086 |
| 300 | 713 | .466 | .161 | 1.007 | -.034 | 300 | 763 | -.312 | .069 | -.151 | -.648 | 300 | 941 | -.242 | .111 | -.089 | -.793 |
| 300 | 714 | .509 | .152 | 1.036 | -.106 | 300 | 764 | -.313 | .074 | -.094 | -.640 | 300 | 942 | -.003 | .149 | -.616 | -.532 |
| 300 | 715 | .516 | .175 | 1.142 | -.034 | 300 | 765 | -.330 | .072 | -.141 | -.630 | 300 | 943 | -.375 | .130 | -.003 | -1.026 |
| 300 | 716 | .392 | .148 | 1.034 | -.026 | 300 | 766 | -.214 | .113 | -.747 | -.020 | 300 | 944 | -.211 | .055 | -.018 | -.447 |
| 300 | 717 | .445 | .163 | 1.002 | -.084 | 300 | 767 | -.304 | .062 | -.106 | -.593 | 300 | 945 | -.212 | .043 | -.048 | -.437 |
| 300 | 718 | .439 | .158 | 1.038 | -.140 | 300 | 801 | -.125 | .033 | -.042 | -.226 | 300 | 946 | -.097 | .062 | -.167 | -.455 |
| 300 | 719 | .270 | .140 | 1.878 | -.242 | 300 | 802 | -.132 | .036 | -.014 | -.284 | 300 | 947 | -.176 | .044 | -.024 | -.487 |
| 300 | 720 | .362 | .156 | 1.927 | -.241 | 300 | 803 | -.224 | .041 | -.114 | -.369 | 300 | 948 | -.230 | .071 | -.051 | -.678 |
| 300 | 721 | .350 | .157 | 1.850 | -.138 | 300 | 804 | -.105 | .034 | -.027 | -.211 | 300 | 949 | -.144 | .059 | -.127 | -.545 |
| 300 | 722 | .151 | .120 | 1.637 | -.145 | 300 | 805 | -.062 | .042 | -.104 | -.204 | 300 | 950 | -.080 | .063 | -.202 | -.507 |
| 300 | 723 | .274 | .143 | 1.917 | -.318 | 300 | 901 | -.129 | .069 | -.074 | -.423 | 300 | 951 | -.349 | .184 | -.109 | -1.124 |
| 300 | 724 | .246 | .146 | 1.799 | -.361 | 300 | 902 | -.256 | .073 | -.072 | -.569 | 300 | 952 | -.345 | .121 | -.006 | -.938 |
| 300 | 725 | .180 | .108 | 1.622 | -.088 | 300 | 903 | -.439 | .063 | -.206 | -.719 | 300 | 953 | -.165 | .046 | -.001 | -.347 |
| 300 | 726 | .192 | .109 | 1.682 | -.160 | 300 | 904 | -.746 | .104 | -.409 | -1.103 | 300 | 954 | -.123 | .045 | -.032 | -.344 |
| 300 | 727 | .171 | .111 | 1.654 | -.173 | 300 | 905 | -1.125 | .278 | -.330 | -2.225 | 310 | 101 | -.410 | .068 | -.202 | -.623 |
| 300 | 728 | -.127 | .056 | 1.150 | -.345 | 300 | 906 | -.134 | .062 | -.202 | -.366 | 310 | 102 | -.393 | .102 | -.108 | -.966 |
| 300 | 729 | -.084 | .052 | 1.138 | -.270 | 300 | 907 | -.274 | .038 | -.108 | -.624 | 310 | 103 | -.387 | .094 | -.091 | -.854 |
| 300 | 730 | -.041 | .039 | 1.271 | -.259 | 300 | 908 | -.335 | .087 | -.161 | -.955 | 310 | 104 | -.398 | .087 | -.089 | -.912 |
| 300 | 731 | .016 | .070 | 1.392 | -.327 | 300 | 909 | -.816 | .140 | -.392 | -1.512 | 310 | 105 | -.405 | .087 | -.048 | -.891 |
| 300 | 732 | .094 | .091 | 1.516 | -.383 | 300 | 910 | -.285 | .040 | -.120 | -.430 | 310 | 106 | -.446 | .101 | -.045 | -.828 |
| 300 | 733 | .133 | .110 | 1.612 | -.391 | 300 | 911 | -.336 | .044 | -.156 | -.557 | 310 | 107 | -.457 | .088 | -.044 | -.838 |
| 300 | 734 | .123 | .121 | 1.672 | -.360 | 300 | 912 | -.395 | .149 | -.015 | -.991 | 310 | 108 | -.493 | .103 | -.061 | -.944 |
| 300 | 735 | -.186 | .049 | 1.014 | -.403 | 300 | 913 | -.342 | .076 | -.151 | -.733 | 310 | 109 | -.559 | .110 | -.084 | -1.125 |
| 300 | 736 | -.169 | .050 | 1.033 | -.378 | 300 | 914 | -.412 | .120 | -.151 | -.938 | 310 | 110 | -.532 | .103 | -.156 | -1.185 |
| 300 | 737 | -.108 | .040 | 1.059 | -.229 | 300 | 915 | -.398 | .075 | -.000 | -.803 | 310 | 111 | -.532 | .075 | -.246 | -.828 |
| 300 | 738 | -.068 | .039 | 1.165 | -.214 | 300 | 916 | -.469 | .135 | -.046 | -.962 | 310 | 112 | -.541 | .079 | -.217 | -.898 |
| 300 | 739 | -.009 | .033 | 1.304 | -.126 | 300 | 917 | -.059 | .178 | -.696 | -.535 | 310 | 113 | -.574 | .077 | -.284 | -.835 |
| 300 | 740 | .115 | .087 | 1.619 | -.073 | 300 | 918 | -.113 | .112 | -.611 | -.329 | 310 | 114 | -.551 | .080 | -.248 | -.850 |
| 300 | 741 | .097 | .093 | 1.579 | -.239 | 300 | 919 | -.458 | .089 | -.127 | -.836 | 310 | 115 | -.622 | .059 | -.055 | -.516 |
| 300 | 742 | .087 | .094 | 1.513 | -.179 | 300 | 920 | -.429 | .105 | -.176 | -1.350 | 310 | 116 | -.134 | .071 | -.167 | -.405 |
| 300 | 743 | .204 | .110 | 1.724 | -.053 | 300 | 921 | -.056 | .089 | -.202 | -.375 | 310 | 117 | -.017 | .092 | -.421 | -.371 |
| 300 | 744 | .209 | .111 | 1.804 | -.058 | 300 | 922 | -.215 | .085 | -.040 | -.518 | 310 | 118 | -.072 | .103 | -.394 | -.340 |
| 300 | 745 | .190 | .107 | 1.719 | -.090 | 300 | 923 | -.561 | .104 | -.187 | -.912 | 310 | 119 | -.151 | .139 | -.583 | -.417 |
| 300 | 746 | .173 | .093 | 1.544 | -.028 | 300 | 924 | -.527 | .097 | -.191 | -.879 | 310 | 120 | -.410 | .081 | -.106 | -.714 |
| 300 | 747 | .171 | .095 | 1.677 | -.073 | 300 | 925 | -.003 | .093 | -.611 | -.277 | 310 | 121 | -.426 | .082 | -.084 | -.821 |
| 300 | 748 | -.150 | .216 | 1.644 | -.969 | 300 | 926 | -.412 | .099 | -.184 | -.893 | 310 | 122 | -.472 | .095 | -.010 | -.809 |
| 300 | 749 | -.218 | .196 | 1.672 | -.805 | 300 | 927 | -.392 | .092 | -.074 | -.878 | 310 | 123 | -.505 | .085 | -.001 | -.937 |
| 300 | 750 | -.343 | .121 | 1.218 | -.936 | 300 | 928 | -.473 | .073 | -.263 | -.762 | 310 | 124 | -.533 | .078 | -.236 | -.905 |
| 300 | 751 | -.309 | .080 | 1.074 | -.615 | 300 | 929 | -.476 | .068 | -.160 | -.707 | 310 | 125 | -.553 | .072 | -.257 | -.818 |
| 300 | 752 | -.320 | .081 | 1.066 | -.643 | 300 | 930 | -.092 | .059 | -.150 | -.272 | 310 | 126 | -.544 | .069 | -.325 | -.787 |
| 300 | 753 | -.240 | .125 | 1.319 | -.789 | 300 | 931 | -.440 | .108 | -.154 | -.938 | 310 | 127 | -.566 | .085 | -.277 | -.915 |
| 300 | 754 | -.297 | .123 | 1.195 | -.837 | 300 | 932 | -.184 | .049 | -.016 | -.394 | 310 | 128 | -.346 | .054 | -.139 | -.550 |
| 300 | 755 | -.123 | .159 | 1.392 | -.792 | 300 | 933 | -.260 | .077 | -.007 | -.602 | 310 | 129 | -.200 | .058 | -.008 | -.444 |
| 300 | 756 | -.210 | .109 | 1.200 | -.671 | 300 | 934 | -.360 | .088 | -.104 | -.745 | 310 | 130 | -.412 | .084 | -.096 | -.738 |
| 300 | 757 | -.089 | .192 | 1.541 | -.822 | 300 | 935 | -.105 | .048 | -.147 | -.282 | 310 | 131 | -.444 | .094 | -.026 | -.905 |
| 300 | 758 | -.277 | .083 | 1.195 | -.545 | 300 | 936 | -.050 | .092 | -.343 | -.465 | 310 | 132 | -.666 | .109 | -.050 | -1.004 |
| 300 | 759 | -.321 | .091 | 1.392 | -.660 | 300 | 937 | -.293 | .113 | -.004 | -.996 | 310 | 133 | -.523 | .099 | -.020 | -1.011 |
| 300 | 760 | -.188 | .083 | 1.222 | -.477 | 300 | 938 | -.244 | .063 | -.063 | -.485 | 310 | 134 | -.513 | .074 | -.270 | -.857 |
| 300 | 761 | -.171 | .089 | 1.280 | -.485 | 300 | 939 | -.065 | .142 | -.445 | -.517 | 310 | 135 | -.528 | .072 | -.323 | -.883 |

APPENDIX A -- PRESSURE DATA : CONFIGURATION A : RELIANCE CENTER, DENVER

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 310 | 136 | .508 | .075 | .216 | .792 | 310 | 186 | .473 | .139 | .096 | -.054 | 310 | 236 | .086 | .090 | .435 | -.175 |
| 310 | 137 | .499 | .055 | .300 | .684 | 310 | 187 | .460 | .118 | .030 | -.1098 | 310 | 237 | .277 | .115 | .644 | -.045 |
| 310 | 138 | .399 | .053 | .200 | .569 | 310 | 188 | .491 | .139 | .125 | -.1369 | 310 | 238 | .345 | .134 | .856 | -.057 |
| 310 | 139 | .221 | .033 | .019 | .391 | 310 | 189 | .468 | .115 | .154 | -.1199 | 310 | 239 | .382 | .138 | .923 | -.249 |
| 310 | 140 | .393 | .096 | .137 | .737 | 310 | 190 | .445 | .109 | .178 | -.1962 | 310 | 240 | .384 | .117 | .069 | -.1030 |
| 310 | 141 | .395 | .085 | .159 | .845 | 310 | 191 | .437 | .106 | .202 | -.1003 | 310 | 241 | .376 | .105 | .115 | -.1162 |
| 310 | 142 | .400 | .077 | .171 | .792 | 310 | 192 | .437 | .097 | .195 | -.1879 | 310 | 242 | .383 | .109 | .079 | -.1069 |
| 310 | 143 | .420 | .074 | .144 | .678 | 310 | 193 | .435 | .109 | .152 | -.1153 | 310 | 243 | .389 | .132 | .076 | -.1172 |
| 310 | 144 | .416 | .082 | .043 | .726 | 310 | 194 | .396 | .087 | .149 | -.1840 | 310 | 244 | .419 | .136 | .043 | -.1330 |
| 310 | 145 | .449 | .090 | .086 | .799 | 310 | 195 | .155 | .076 | .116 | -.1469 | 310 | 245 | .409 | .137 | .043 | -.1451 |
| 310 | 146 | .489 | .107 | .008 | .934 | 310 | 196 | .137 | .092 | .464 | -.147 | 310 | 246 | .419 | .136 | .053 | -.1263 |
| 310 | 147 | .558 | .111 | .001 | 1.132 | 310 | 197 | .354 | .124 | .774 | -.020 | 310 | 247 | .424 | .150 | .080 | -.1299 |
| 310 | 148 | .523 | .100 | .054 | .974 | 310 | 198 | .476 | .132 | .974 | -.032 | 310 | 248 | .453 | .168 | .289 | -.1364 |
| 310 | 149 | .512 | .083 | .251 | .979 | 310 | 199 | .486 | .165 | .991 | -.202 | 310 | 249 | .478 | .135 | .282 | -.1109 |
| 310 | 150 | .510 | .079 | .263 | 1.022 | 310 | 200 | .366 | .092 | .128 | -.1908 | 310 | 250 | .508 | .137 | .189 | -.1290 |
| 310 | 151 | .555 | .064 | .305 | .763 | 310 | 201 | .355 | .084 | .133 | -.1808 | 310 | 251 | .493 | .124 | .139 | -.1424 |
| 310 | 152 | .493 | .071 | .292 | .811 | 310 | 202 | .376 | .086 | .126 | -.1969 | 310 | 252 | .505 | .131 | .201 | -.1446 |
| 310 | 153 | .494 | .070 | .295 | .753 | 310 | 203 | .382 | .095 | .059 | -.1001 | 310 | 253 | .505 | .133 | .257 | -.1424 |
| 310 | 154 | .346 | .052 | .200 | .544 | 310 | 204 | .399 | .113 | .040 | -.1175 | 310 | 254 | .379 | .091 | .055 | -.1845 |
| 310 | 155 | .157 | .054 | .074 | .341 | 310 | 205 | .426 | .115 | .097 | -.1144 | 310 | 255 | .174 | .070 | .104 | -.444 |
| 310 | 156 | .106 | .076 | .440 | .108 | 310 | 206 | .457 | .133 | .011 | -.1344 | 310 | 256 | .019 | .077 | .334 | -.232 |
| 310 | 157 | .316 | .101 | .634 | .006 | 310 | 207 | .454 | .115 | .037 | -.1996 | 310 | 257 | .194 | .106 | .733 | -.086 |
| 310 | 158 | .438 | .140 | .858 | .079 | 310 | 208 | .503 | .140 | .006 | -.1511 | 310 | 258 | .252 | .134 | .760 | -.305 |
| 310 | 159 | .481 | .156 | .967 | .268 | 310 | 209 | .478 | .111 | .178 | -.1335 | 310 | 259 | .258 | .154 | .813 | -.343 |
| 310 | 160 | .354 | .072 | .161 | .646 | 310 | 210 | .464 | .108 | .230 | -.1008 | 310 | 260 | .375 | .112 | .108 | -.1061 |
| 310 | 161 | .350 | .070 | .108 | .675 | 310 | 211 | .459 | .097 | .235 | -.1005 | 310 | 261 | .338 | .083 | .120 | -.1802 |
| 310 | 162 | .354 | .068 | .144 | .773 | 310 | 212 | .464 | .102 | .233 | -.1187 | 310 | 262 | .373 | .099 | .160 | -.1860 |
| 310 | 163 | .389 | .085 | .101 | .908 | 310 | 213 | .454 | .095 | .226 | -.1965 | 310 | 263 | .403 | .129 | .100 | -.1268 |
| 310 | 164 | .412 | .089 | .101 | .816 | 310 | 214 | .362 | .078 | .273 | -.514 | 310 | 264 | .423 | .132 | .109 | -.1023 |
| 310 | 165 | .444 | .097 | .021 | .853 | 310 | 215 | .159 | .073 | .114 | -.434 | 310 | 265 | .444 | .143 | .096 | -.1222 |
| 310 | 166 | .492 | .128 | .067 | 1.199 | 310 | 216 | .086 | .085 | .408 | -.173 | 310 | 266 | .385 | .117 | .048 | -.1872 |
| 310 | 167 | .472 | .109 | .054 | .999 | 310 | 217 | .300 | .110 | .688 | -.029 | 310 | 267 | .395 | .139 | .145 | -.1141 |
| 310 | 168 | .505 | .135 | .035 | 1.391 | 310 | 218 | .425 | .150 | .910 | -.051 | 310 | 268 | .349 | .194 | .431 | -.1229 |
| 310 | 169 | .469 | .098 | .181 | .163 | 310 | 219 | .406 | .169 | .087 | -.228 | 310 | 269 | .425 | .176 | .587 | -.1069 |
| 310 | 170 | .455 | .102 | .210 | .073 | 310 | 220 | .369 | .108 | .142 | -.1211 | 310 | 270 | .519 | .164 | .117 | -.1489 |
| 310 | 171 | .438 | .089 | .224 | .870 | 310 | 221 | .373 | .104 | .139 | -.1086 | 310 | 271 | .521 | .161 | .134 | -.1832 |
| 310 | 172 | .438 | .091 | .181 | .979 | 310 | 222 | .376 | .098 | .101 | -.1912 | 310 | 272 | .552 | .173 | .096 | -.1470 |
| 310 | 173 | .430 | .094 | .185 | .401 | 310 | 223 | .400 | .114 | .122 | -.1048 | 310 | 273 | .546 | .166 | .199 | -.1503 |
| 310 | 174 | .357 | .069 | .115 | .722 | 310 | 224 | .411 | .130 | .032 | -.1347 | 310 | 274 | .353 | .095 | .064 | -.1802 |
| 310 | 175 | .177 | .066 | .060 | .421 | 310 | 225 | .402 | .126 | .028 | -.1170 | 310 | 275 | .195 | .066 | .135 | -.475 |
| 310 | 176 | .159 | .091 | .494 | .079 | 310 | 226 | .449 | .133 | .040 | -.1029 | 310 | 276 | .031 | .069 | .330 | -.232 |
| 310 | 177 | .375 | .129 | .807 | .013 | 310 | 227 | .456 | .126 | .075 | -.1070 | 310 | 277 | .087 | .088 | .445 | -.136 |
| 310 | 178 | .509 | .150 | .955 | .040 | 310 | 228 | .504 | .138 | .347 | -.1358 | 310 | 278 | .141 | .116 | .583 | -.426 |
| 310 | 179 | .493 | .165 | .095 | .038 | 310 | 229 | .489 | .114 | .097 | -.1022 | 310 | 279 | .091 | .140 | .644 | -.514 |
| 310 | 180 | .361 | .090 | .091 | .891 | 310 | 230 | .487 | .121 | .204 | -.1368 | 310 | 280 | .235 | .063 | .068 | -.704 |
| 310 | 181 | .341 | .077 | .135 | .775 | 310 | 231 | .481 | .106 | .235 | -.1385 | 310 | 281 | .253 | .062 | .098 | -.1606 |
| 310 | 182 | .349 | .075 | .127 | .756 | 310 | 232 | .494 | .110 | .249 | -.1069 | 310 | 282 | .336 | .088 | .113 | -.709 |
| 310 | 183 | .375 | .095 | .098 | .847 | 310 | 233 | .483 | .102 | .252 | -.1179 | 310 | 283 | .339 | .083 | .128 | -.826 |
| 310 | 184 | .392 | .105 | .038 | .887 | 310 | 234 | .378 | .083 | .091 | -.1862 | 310 | 284 | .337 | .070 | .186 | -.756 |
| 310 | 185 | .416 | .116 | .093 | 1.122 | 310 | 235 | .169 | .070 | .116 | -.463 | 310 | 285 | .284 | .066 | .108 | -.604 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 310 | 286 | -.265 | .066 | -.021 | -.614 | 310 | 336 | -.099 | .039 | 0.60 | -.227 | 310 | 433 | -.218 | .054 | -.057 | -.529 |
| 310 | 287 | -.258 | .069 | -.047 | -.596 | 310 | 337 | -.114 | .038 | -.079 | -.319 | 310 | 434 | -.231 | .058 | -.007 | -.594 |
| 310 | 288 | -.213 | .064 | -.114 | -.499 | 310 | 338 | -.119 | .051 | -.119 | -.346 | 310 | 435 | -.186 | .052 | -.075 | -.464 |
| 310 | 289 | -.187 | .064 | -.084 | -.539 | 310 | 339 | -.133 | .041 | -.107 | -.266 | 310 | 436 | -.173 | .044 | -.114 | -.413 |
| 310 | 290 | -.190 | .059 | -.013 | -.461 | 310 | 340 | -.143 | .054 | -.052 | -.348 | 310 | 437 | -.176 | .044 | -.102 | -.403 |
| 310 | 291 | -.171 | .050 | -.017 | -.384 | 310 | 341 | -.136 | .053 | -.095 | -.377 | 310 | 438 | -.189 | .046 | -.064 | -.418 |
| 310 | 292 | -.171 | .056 | -.029 | -.519 | 310 | 342 | -.112 | .056 | -.164 | -.298 | 310 | 439 | -.236 | .045 | -.118 | -.526 |
| 310 | 293 | -.346 | .132 | -.038 | -.966 | 310 | 343 | -.105 | .066 | -.178 | -.343 | 310 | 440 | -.237 | .040 | -.091 | -.491 |
| 310 | 294 | -.153 | .057 | -.047 | -.389 | 310 | 344 | -.140 | .082 | -.256 | -.449 | 310 | 441 | -.223 | .042 | -.049 | -.432 |
| 310 | 295 | -.097 | .054 | -.107 | -.276 | 310 | 345 | -.144 | .068 | -.249 | -.482 | 310 | 442 | -.231 | .046 | -.020 | -.561 |
| 310 | 296 | -.037 | .093 | -.530 | -.211 | 310 | 346 | -.117 | .066 | -.172 | -.402 | 310 | 443 | -.245 | .054 | -.095 | -.474 |
| 310 | 297 | -.119 | .155 | -.937 | -.389 | 310 | 347 | -.108 | .085 | -.291 | -.464 | 310 | 444 | -.210 | .072 | -.221 | -.392 |
| 310 | 298 | -.078 | .083 | -.512 | -.168 | 310 | 348 | -.117 | .053 | -.100 | -.273 | 310 | 445 | -.232 | .068 | -.122 | -.666 |
| 310 | 299 | -.038 | .072 | -.430 | -.283 | 310 | 349 | -.107 | .062 | -.226 | -.328 | 310 | 446 | -.263 | .065 | -.013 | -.576 |
| 310 | 300 | -.165 | .049 | -.002 | -.426 | 310 | 350 | -.114 | .060 | -.192 | -.502 | 310 | 447 | -.189 | .059 | -.122 | -.452 |
| 310 | 301 | -.235 | .069 | -.666 | -.584 | 310 | 351 | -.125 | .046 | -.055 | -.310 | 310 | 448 | -.118 | .048 | -.142 | -.308 |
| 310 | 302 | -.137 | .060 | -.292 | -.434 | 310 | 352 | -.138 | .044 | -.015 | -.315 | 310 | 449 | -.124 | .047 | -.050 | -.298 |
| 310 | 303 | -.065 | .070 | -.249 | -.283 | 310 | 353 | -.135 | .044 | -.037 | -.310 | 310 | 450 | -.186 | .055 | -.005 | -.430 |
| 310 | 304 | -.089 | .095 | -.272 | -.489 | 310 | 401 | -.408 | .108 | -.073 | -.890 | 310 | 451 | -.199 | .064 | -.072 | -.531 |
| 310 | 305 | -.207 | .069 | -.028 | -.581 | 310 | 402 | -.392 | .114 | -.082 | -1.101 | 310 | 452 | -.191 | .064 | -.015 | -.596 |
| 310 | 306 | -.226 | .066 | -.031 | -.694 | 310 | 403 | -.412 | .101 | -.156 | -1.001 | 310 | 453 | -.201 | .063 | -.000 | -.519 |
| 310 | 307 | -.219 | .068 | -.036 | -.584 | 310 | 404 | -.397 | .108 | -.065 | -.871 | 310 | 454 | -.236 | .093 | -.052 | -.835 |
| 310 | 308 | -.181 | .060 | -.018 | -.644 | 310 | 405 | -.396 | .104 | -.089 | -.981 | 310 | 455 | -.208 | .069 | -.003 | -.757 |
| 310 | 309 | -.169 | .057 | -.259 | -.482 | 310 | 406 | -.406 | .104 | -.118 | -.893 | 310 | 456 | -.251 | .097 | -.030 | -.827 |
| 310 | 310 | -.176 | .053 | -.099 | -.434 | 310 | 407 | -.340 | .088 | -.123 | -.807 | 310 | 457 | -.131 | .049 | -.104 | -.326 |
| 310 | 311 | -.177 | .058 | -.112 | -.426 | 310 | 408 | -.349 | .083 | -.137 | -.843 | 310 | 458 | -.119 | .051 | -.137 | -.334 |
| 310 | 312 | -.172 | .066 | -.087 | -.491 | 310 | 409 | -.359 | .089 | -.072 | -.854 | 310 | 459 | -.205 | .062 | -.038 | -.466 |
| 310 | 313 | -.256 | .107 | -.024 | -1.016 | 310 | 410 | -.331 | .093 | -.096 | -1.115 | 310 | 460 | -.169 | .049 | -.030 | -.361 |
| 310 | 314 | -.132 | .060 | -.099 | -.414 | 310 | 411 | -.334 | .087 | -.137 | -.950 | 310 | 461 | -.215 | .095 | -.025 | -.854 |
| 310 | 315 | -.074 | .089 | -.297 | -.391 | 310 | 412 | -.342 | .087 | -.130 | -1.034 | 310 | 462 | -.052 | .098 | -.560 | -.389 |
| 310 | 316 | -.224 | .073 | -.028 | -.749 | 310 | 413 | -.344 | .102 | -.113 | -1.084 | 310 | 463 | -.080 | .090 | -.320 | -.269 |
| 310 | 317 | -.167 | .057 | -.011 | -.516 | 310 | 414 | -.358 | .098 | -.125 | -1.060 | 310 | 464 | -.073 | .114 | -.535 | -.354 |
| 310 | 318 | -.145 | .049 | -.004 | -.436 | 310 | 415 | -.337 | .099 | -.027 | -.850 | 310 | 465 | -.124 | .098 | -.560 | -.090 |
| 310 | 319 | -.160 | .050 | -.039 | -.456 | 310 | 416 | -.358 | .118 | -.063 | -1.281 | 310 | 466 | -.137 | .102 | -.622 | -.067 |
| 310 | 320 | -.147 | .048 | -.117 | -.306 | 310 | 417 | -.361 | .119 | -.073 | -1.074 | 310 | 467 | -.127 | .097 | -.620 | -.062 |
| 310 | 321 | -.137 | .047 | -.149 | -.283 | 310 | 418 | -.386 | .135 | -.113 | -1.674 | 310 | 501 | -.382 | .300 | -.447 | -1.740 |
| 310 | 322 | -.194 | .066 | -.194 | -.441 | 310 | 419 | -.373 | .142 | -.097 | -1.217 | 310 | 502 | -.161 | .146 | -.252 | -1.155 |
| 310 | 323 | -.201 | .084 | -.007 | -.614 | 310 | 420 | -.363 | .140 | -.081 | -1.201 | 310 | 503 | -.357 | .077 | -.092 | -.584 |
| 310 | 324 | -.218 | .110 | -.029 | -.859 | 310 | 421 | -.367 | .134 | -.096 | -1.314 | 310 | 504 | -.507 | .069 | -.297 | -.726 |
| 310 | 325 | -.105 | .066 | -.174 | -.528 | 310 | 422 | -.262 | .066 | -.091 | -.603 | 310 | 505 | -.620 | .079 | -.391 | -.892 |
| 310 | 326 | -.027 | .084 | -.316 | -.431 | 310 | 423 | -.256 | .059 | -.101 | -.528 | 310 | 506 | -.836 | .192 | -.403 | -1.776 |
| 310 | 327 | -.165 | .053 | -.020 | -.446 | 310 | 424 | -.270 | .062 | -.106 | -.676 | 310 | 507 | -.941 | .222 | -.290 | -1.839 |
| 310 | 328 | -.136 | .048 | -.060 | -.406 | 310 | 425 | -.157 | .041 | -.017 | -.328 | 310 | 508 | -.619 | .134 | -.232 | -1.143 |
| 310 | 329 | -.113 | .037 | -.040 | -.267 | 310 | 426 | -.158 | .043 | -.017 | -.341 | 310 | 509 | -.535 | .122 | -.155 | -1.082 |
| 310 | 330 | -.125 | .036 | -.020 | -.277 | 310 | 427 | -.166 | .044 | -.003 | -.411 | 310 | 510 | -.485 | .340 | -.731 | -1.668 |
| 310 | 331 | -.121 | .047 | -.179 | -.289 | 310 | 428 | -.222 | .048 | -.089 | -.447 | 310 | 511 | -.344 | .424 | -.515 | -1.636 |
| 310 | 332 | -.098 | .043 | -.107 | -.287 | 310 | 429 | -.216 | .047 | -.087 | -.536 | 310 | 512 | -.301 | .095 | -.064 | -.690 |
| 310 | 333 | -.191 | .060 | -.037 | -.610 | 310 | 430 | -.233 | .054 | -.084 | -.534 | 310 | 513 | -.633 | .099 | -.314 | -1.039 |
| 310 | 334 | -.155 | .046 | -.030 | -.386 | 310 | 431 | -.203 | .055 | -.003 | -.499 | 310 | 514 | -.861 | .131 | -.478 | -1.188 |
| 310 | 335 | -.193 | .090 | -.025 | -.603 | 310 | 432 | -.222 | .051 | -.005 | -.479 | 310 | 515 | -.843 | .134 | -.394 | -1.212 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 310 | 516 | .656 | .117 | .312 | -.010 | 310 | 566 | .175 | .106 | .198 | -.907 | 310 | 616 | -.129 | .027 | -.023 | -.217 |
| 310 | 517 | .493 | .109 | .141 | -.926 | 310 | 567 | .294 | .074 | -.028 | -.618 | 310 | 617 | -.163 | .031 | -.055 | -.326 |
| 310 | 518 | .454 | .106 | .112 | -.904 | 310 | 568 | .393 | .090 | -.179 | -.750 | 310 | 618 | -.165 | .031 | -.043 | -.324 |
| 310 | 519 | .662 | .334 | .787 | -1.726 | 310 | 569 | .336 | .096 | -.092 | -.747 | 310 | 619 | -.169 | .038 | -.038 | -.590 |
| 310 | 520 | .516 | .436 | .558 | -1.899 | 310 | 570 | .243 | .066 | -.048 | -.602 | 310 | 701 | .466 | .146 | .899 | -.005 |
| 310 | 521 | .398 | .105 | .013 | -1.217 | 310 | 571 | .238 | .057 | -.075 | -.573 | 310 | 702 | .466 | .153 | .963 | -.089 |
| 310 | 522 | .749 | .122 | .391 | -1.172 | 310 | 572 | .246 | .063 | -.065 | -.680 | 310 | 703 | .477 | .156 | 1.094 | -.051 |
| 310 | 523 | .998 | .154 | .593 | -1.357 | 310 | 573 | .171 | .042 | -.069 | -.336 | 310 | 704 | .638 | .167 | 1.212 | -.090 |
| 310 | 524 | .924 | .176 | .471 | -1.410 | 310 | 574 | .248 | .049 | -.086 | -.493 | 310 | 705 | .667 | .165 | 1.224 | -.174 |
| 310 | 525 | .639 | .189 | .160 | -1.253 | 310 | 575 | .234 | .041 | -.108 | -.406 | 310 | 706 | .615 | .175 | 1.166 | -.087 |
| 310 | 526 | .424 | .128 | .129 | -1.058 | 310 | 576 | .059 | .177 | .534 | -.886 | 310 | 707 | .650 | .171 | 1.171 | -.136 |
| 310 | 527 | .371 | .100 | .121 | -1.890 | 310 | 577 | .037 | .141 | .397 | -.816 | 310 | 708 | .661 | .159 | 1.113 | -.198 |
| 310 | 528 | .691 | .358 | .731 | -1.933 | 310 | 578 | .053 | .066 | .259 | -.463 | 310 | 709 | .531 | .181 | 1.147 | -.060 |
| 310 | 529 | .526 | .461 | .469 | -1.786 | 310 | 579 | .150 | .042 | -.002 | -.338 | 310 | 710 | .573 | .170 | 1.098 | -.109 |
| 310 | 530 | .407 | .115 | .064 | -1.302 | 310 | 580 | .162 | .034 | -.041 | -.311 | 310 | 711 | .582 | .171 | 1.111 | -.070 |
| 310 | 531 | .768 | .128 | .394 | -1.133 | 310 | 581 | .219 | .041 | -.043 | -.393 | 310 | 712 | .501 | .169 | 1.069 | -.051 |
| 310 | 532 | .989 | .167 | .497 | -1.413 | 310 | 582 | .180 | .042 | -.026 | -.378 | 310 | 713 | .513 | .166 | .965 | -.053 |
| 310 | 533 | .918 | .183 | .398 | -1.519 | 310 | 583 | .235 | .044 | .106 | -.476 | 310 | 714 | .520 | .173 | 1.103 | -.082 |
| 310 | 534 | .628 | .206 | .145 | -1.497 | 310 | 584 | .200 | .038 | .053 | -.403 | 310 | 715 | .492 | .179 | .994 | -.099 |
| 310 | 535 | .402 | .125 | .080 | -1.147 | 310 | 585 | .190 | .043 | .048 | -.438 | 310 | 716 | .421 | .153 | .052 | -.002 |
| 310 | 536 | .354 | .098 | .088 | -1.858 | 310 | 586 | .192 | .049 | .002 | -.526 | 310 | 717 | .445 | .172 | .057 | -.053 |
| 310 | 537 | .691 | .337 | .616 | -1.733 | 310 | 587 | .150 | .036 | .023 | -.291 | 310 | 718 | .395 | .172 | .958 | -.203 |
| 310 | 538 | .520 | .418 | .475 | -1.830 | 310 | 588 | .141 | .039 | .001 | -.296 | 310 | 719 | .317 | .160 | .906 | -.058 |
| 310 | 539 | .403 | .124 | .091 | -1.172 | 310 | 589 | .176 | .035 | .063 | -.348 | 310 | 720 | .338 | .165 | .936 | -.067 |
| 310 | 540 | .718 | .128 | .278 | -1.169 | 310 | 590 | .159 | .030 | -.058 | -.298 | 310 | 721 | .265 | .151 | .839 | -.152 |
| 310 | 541 | .956 | .158 | .526 | -1.449 | 310 | 591 | .134 | .031 | -.001 | -.271 | 310 | 722 | .106 | .112 | .582 | -.172 |
| 310 | 542 | .906 | .189 | .331 | -1.502 | 310 | 592 | .055 | .140 | .417 | -.776 | 310 | 723 | .160 | .124 | .687 | -.125 |
| 310 | 543 | .628 | .191 | .182 | -1.258 | 310 | 593 | .067 | .121 | .434 | -.596 | 310 | 724 | .147 | .129 | .682 | -.155 |
| 310 | 544 | .405 | .122 | .124 | -.931 | 310 | 594 | .074 | .055 | .187 | -.363 | 310 | 725 | .072 | .077 | .572 | -.170 |
| 310 | 545 | .337 | .105 | .059 | -1.911 | 310 | 595 | .132 | .036 | .019 | -.316 | 310 | 726 | .083 | .086 | .543 | -.184 |
| 310 | 546 | .577 | .335 | .563 | -1.906 | 310 | 596 | .232 | .049 | .113 | -.526 | 310 | 727 | .042 | .080 | .510 | -.217 |
| 310 | 547 | .512 | .419 | .506 | -2.078 | 310 | 597 | .162 | .035 | -.058 | -.341 | 310 | 728 | .098 | .064 | .311 | -.297 |
| 310 | 548 | .355 | .116 | .056 | -1.057 | 310 | 598 | .184 | .041 | -.066 | -.403 | 310 | 729 | .089 | .050 | .206 | -.333 |
| 310 | 549 | .605 | .123 | .254 | -1.035 | 310 | 599 | .185 | .046 | .025 | -.513 | 310 | 730 | .066 | .046 | .159 | -.254 |
| 310 | 550 | .814 | .161 | .363 | -1.427 | 310 | 600 | .096 | .038 | .072 | -.213 | 310 | 731 | .024 | .039 | .316 | -.326 |
| 310 | 551 | .760 | .177 | .353 | -1.449 | 310 | 601 | .094 | .035 | .057 | -.198 | 310 | 732 | .068 | .079 | .361 | -.321 |
| 310 | 552 | .584 | .165 | .143 | -1.239 | 310 | 602 | .114 | .031 | .015 | -.227 | 310 | 733 | .004 | .089 | .401 | -.526 |
| 310 | 553 | .413 | .135 | .116 | -1.103 | 310 | 603 | .181 | .033 | .070 | -.336 | 310 | 734 | .001 | .088 | .371 | -.605 |
| 310 | 554 | .385 | .128 | .077 | -1.011 | 310 | 604 | .153 | .028 | .055 | -.294 | 310 | 735 | .127 | .049 | .109 | -.336 |
| 310 | 555 | .416 | .332 | .728 | -1.437 | 310 | 605 | .139 | .027 | .020 | -.234 | 310 | 736 | .116 | .050 | .174 | -.356 |
| 310 | 556 | .337 | .343 | .411 | -1.580 | 310 | 606 | .129 | .028 | .000 | -.229 | 310 | 737 | .088 | .039 | .127 | -.219 |
| 310 | 557 | .285 | .118 | .186 | -.883 | 310 | 607 | .017 | .110 | .358 | -.563 | 310 | 738 | .065 | .035 | .137 | -.187 |
| 310 | 558 | .505 | .111 | .179 | -.881 | 310 | 608 | .014 | .097 | .418 | -.660 | 310 | 739 | .010 | .050 | .226 | -.135 |
| 310 | 559 | .610 | .131 | .259 | -1.115 | 310 | 609 | .031 | .062 | .371 | -.461 | 310 | 740 | .037 | .070 | .426 | -.110 |
| 310 | 560 | .584 | .145 | .242 | -1.076 | 310 | 610 | .049 | .056 | .296 | -.214 | 310 | 741 | .033 | .075 | .582 | -.244 |
| 310 | 561 | .455 | .133 | .121 | -1.045 | 310 | 611 | .064 | .042 | .087 | -.219 | 310 | 742 | .022 | .076 | .478 | -.391 |
| 310 | 562 | .455 | .121 | .058 | -.999 | 310 | 612 | .121 | .035 | .022 | -.232 | 310 | 743 | .126 | .100 | .707 | -.110 |
| 310 | 563 | .371 | .124 | .067 | -1.011 | 310 | 613 | .169 | .035 | .045 | -.306 | 310 | 744 | .123 | .097 | .597 | -.072 |
| 310 | 564 | .302 | .296 | .627 | -1.379 | 310 | 614 | .166 | .032 | .067 | -.329 | 310 | 745 | .106 | .085 | .503 | -.092 |
| 310 | 565 | .194 | .260 | .537 | -1.360 | 310 | 615 | .141 | .027 | .015 | -.272 | 310 | 746 | .096 | .083 | .453 | -.072 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 310 | 747 | .073 | .069 | .510 | -.115 | 310 | 925 | .072 | .118 | .620 | -.248 | 320 | 121 | -.423 | .134 | .015 | -1.145 |
| 310 | 748 | -.008 | .138 | .652 | -.451 | 310 | 926 | -.344 | .088 | -.144 | -.862 | 320 | 122 | -.397 | .164 | .128 | -.977 |
| 310 | 749 | -.021 | .139 | .643 | -.583 | 310 | 927 | -.472 | .066 | -.061 | -.792 | 320 | 123 | -.504 | .178 | .646 | -1.071 |
| 310 | 750 | -.179 | .111 | .256 | -.665 | 310 | 928 | -.536 | .071 | -.283 | -.979 | 320 | 124 | -.601 | .112 | .003 | -1.121 |
| 310 | 751 | -.215 | .070 | .082 | -.545 | 310 | 929 | -.549 | .074 | -.300 | -.821 | 320 | 125 | -.667 | .100 | .331 | -1.049 |
| 310 | 752 | -.221 | .081 | .350 | -.570 | 310 | 930 | -.025 | .063 | -.333 | -.221 | 320 | 126 | -.643 | .100 | .327 | -1.051 |
| 310 | 753 | -.094 | .084 | .251 | -.640 | 310 | 931 | -.364 | .096 | -.080 | -.817 | 320 | 127 | -.669 | .110 | .329 | -1.131 |
| 310 | 754 | -.120 | .108 | .330 | -.635 | 310 | 932 | -.125 | .044 | -.054 | -.280 | 320 | 128 | -.341 | .066 | .040 | -.647 |
| 310 | 755 | -.078 | .093 | .391 | -.448 | 310 | 933 | -.200 | .049 | -.014 | -.402 | 320 | 129 | -.151 | .073 | .181 | -.387 |
| 310 | 756 | -.109 | .071 | .162 | -.416 | 310 | 934 | -.258 | .055 | -.102 | -.535 | 320 | 130 | -.405 | .127 | .008 | -1.145 |
| 310 | 757 | -.062 | .090 | .269 | -.615 | 310 | 935 | -.063 | .054 | -.175 | -.270 | 320 | 131 | -.440 | .139 | .006 | -1.111 |
| 310 | 758 | -.156 | .073 | .169 | -.466 | 310 | 936 | -.024 | .064 | -.264 | -.263 | 320 | 132 | -.451 | .162 | .073 | -1.234 |
| 310 | 759 | -.185 | .072 | .110 | -.530 | 310 | 937 | -.202 | .060 | -.026 | -.609 | 320 | 133 | -.535 | .218 | .747 | -1.133 |
| 310 | 760 | -.134 | .074 | .298 | -.414 | 310 | 938 | -.167 | .046 | -.016 | -.342 | 320 | 134 | -.626 | .126 | .251 | -1.287 |
| 310 | 761 | -.121 | .072 | .350 | -.357 | 310 | 939 | -.042 | .098 | -.430 | -.360 | 320 | 135 | -.611 | .100 | .327 | -1.198 |
| 310 | 762 | -.236 | .051 | .092 | -.486 | 310 | 940 | -.220 | .073 | -.055 | -.602 | 320 | 136 | -.618 | .089 | .354 | -.959 |
| 310 | 763 | -.246 | .033 | .107 | -.523 | 310 | 941 | -.248 | .092 | -.068 | -.773 | 320 | 137 | -.402 | .068 | .067 | -.702 |
| 310 | 764 | -.251 | .050 | .105 | -.478 | 310 | 942 | -.018 | .104 | -.501 | -.275 | 320 | 138 | -.174 | .066 | .075 | -.406 |
| 310 | 765 | -.247 | .049 | .120 | -.481 | 310 | 943 | -.207 | .079 | -.019 | -.656 | 320 | 139 | -.360 | .110 | .112 | -1.172 |
| 310 | 766 | -.148 | .110 | .848 | -.094 | 310 | 944 | -.144 | .042 | -.044 | -.352 | 320 | 140 | -.359 | .104 | .100 | -.895 |
| 310 | 767 | -.267 | .053 | .132 | -.567 | 310 | 945 | -.173 | .032 | -.055 | -.330 | 320 | 141 | -.368 | .102 | .103 | -.892 |
| 310 | 801 | -.158 | .028 | .050 | -.258 | 310 | 946 | -.091 | .050 | -.130 | -.320 | 320 | 142 | -.393 | .106 | .018 | -.791 |
| 310 | 802 | -.164 | .034 | .038 | -.364 | 310 | 947 | -.167 | .038 | -.035 | -.372 | 320 | 143 | -.393 | .106 | .011 | -.974 |
| 310 | 803 | -.254 | .031 | .157 | -.369 | 310 | 948 | -.211 | .053 | -.060 | -.535 | 320 | 144 | -.426 | .119 | .010 | -.993 |
| 310 | 804 | -.136 | .034 | .011 | -.325 | 310 | 949 | -.133 | .043 | -.068 | -.379 | 320 | 145 | -.453 | .144 | .097 | -1.013 |
| 310 | 805 | -.114 | .040 | .093 | -.402 | 310 | 950 | -.098 | .049 | -.113 | -.308 | 320 | 146 | -.530 | .179 | .279 | -1.198 |
| 310 | 901 | -.187 | .056 | .073 | -.460 | 310 | 951 | -.185 | .103 | -.011 | -.790 | 320 | 147 | -.614 | .193 | .285 | -1.361 |
| 310 | 902 | -.276 | .054 | .017 | -.505 | 310 | 952 | -.214 | .089 | -.021 | -.877 | 320 | 148 | -.671 | .137 | .127 | -1.229 |
| 310 | 903 | -.375 | .073 | .104 | -.591 | 310 | 953 | -.133 | .039 | -.029 | -.848 | 320 | 149 | -.664 | .116 | .352 | -1.299 |
| 310 | 904 | -.651 | .113 | -.202 | -1.086 | 310 | 954 | -.111 | .040 | -.029 | -.848 | 320 | 150 | -.626 | .090 | .356 | -1.033 |
| 310 | 905 | -.874 | .173 | -.429 | -1.790 | 320 | 101 | -.365 | .066 | -.192 | -.714 | 320 | 151 | -.643 | .105 | .340 | -1.130 |
| 310 | 906 | -.204 | .073 | .095 | -.474 | 320 | 102 | -.367 | .122 | -.028 | -.044 | 320 | 152 | -.619 | .097 | .325 | -1.113 |
| 310 | 907 | -.304 | .054 | .084 | -.661 | 320 | 103 | -.371 | .131 | -.028 | -.938 | 320 | 153 | -.355 | .069 | .117 | -.625 |
| 310 | 908 | -.364 | .110 | .092 | -.761 | 320 | 104 | -.388 | .133 | -.033 | -.044 | 320 | 154 | -.105 | .069 | .117 | -.441 |
| 310 | 909 | -.789 | .128 | -.429 | -1.340 | 320 | 105 | -.415 | .148 | -.002 | -.290 | 320 | 155 | -.165 | .073 | .153 | -.441 |
| 310 | 910 | -.332 | .079 | .104 | -.792 | 320 | 106 | -.410 | .178 | -.227 | -.244 | 320 | 156 | -.220 | .095 | .526 | -1.158 |
| 310 | 911 | -.328 | .072 | .039 | -.639 | 320 | 107 | -.387 | .197 | -.752 | -.015 | 320 | 157 | -.425 | .127 | .806 | -.064 |
| 310 | 912 | -.660 | .150 | -.104 | -1.225 | 320 | 108 | -.551 | .163 | -.172 | -.138 | 320 | 158 | -.582 | .156 | .089 | -.059 |
| 310 | 913 | -.273 | .058 | .085 | -.632 | 320 | 109 | -.621 | .182 | -.033 | -.523 | 320 | 159 | -.600 | .167 | .082 | -.144 |
| 310 | 914 | -.349 | .103 | .115 | -.849 | 320 | 110 | -.748 | .148 | -.254 | -.523 | 320 | 160 | -.343 | .115 | .081 | -.009 |
| 310 | 915 | -.435 | .110 | .080 | -.857 | 320 | 111 | -.692 | .118 | -.254 | -.251 | 320 | 161 | -.343 | .099 | .035 | -.931 |
| 310 | 916 | -.602 | .132 | .159 | -.096 | 320 | 112 | -.695 | .107 | -.317 | -.119 | 320 | 162 | -.355 | .100 | .069 | -1.041 |
| 310 | 917 | -.171 | .147 | .791 | -.330 | 320 | 113 | -.675 | .107 | -.353 | -.210 | 320 | 163 | -.362 | .130 | .016 | -1.224 |
| 310 | 918 | -.089 | .101 | .632 | -.404 | 320 | 114 | -.671 | .109 | -.283 | -.075 | 320 | 164 | -.374 | .123 | .023 | -.896 |
| 310 | 919 | -.554 | .093 | .230 | -.948 | 320 | 115 | -.239 | .075 | -.056 | -.526 | 320 | 165 | -.396 | .138 | .117 | -.941 |
| 310 | 920 | -.348 | .089 | .144 | -.832 | 320 | 116 | -.082 | .080 | -.297 | -.394 | 320 | 166 | -.434 | .164 | .124 | -1.135 |
| 310 | 921 | -.239 | .112 | .191 | -.651 | 320 | 117 | -.074 | .103 | -.398 | -.329 | 320 | 167 | -.473 | .184 | .356 | -1.142 |
| 310 | 922 | -.330 | .105 | .155 | -.627 | 320 | 118 | -.139 | .122 | -.499 | -.282 | 320 | 168 | -.613 | .221 | .354 | -1.427 |
| 310 | 923 | -.683 | .166 | -.151 | -.998 | 320 | 119 | -.294 | .145 | -.725 | -.278 | 320 | 169 | -.636 | .164 | .021 | -1.227 |
| 310 | 924 | -.646 | .095 | .302 | -.998 | 320 | 120 | -.394 | .129 | -.047 | -.080 | 320 | 170 | -.630 | .159 | .175 | -1.433 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 320 | 171 | .627 | .145 | -.175 | -1.485 | 320 | 221 | -.305 | .087 | -.101 | -.821 | 320 | 271 | -.397 | .211 | .017 | -1.777 |
| 320 | 172 | .610 | .144 | -.202 | -1.128 | 320 | 222 | -.326 | .104 | -.113 | -.990 | 320 | 272 | -.430 | .197 | .163 | -1.293 |
| 320 | 173 | .599 | .148 | -.183 | -1.215 | 320 | 223 | -.353 | .138 | -.048 | -1.170 | 320 | 273 | -.513 | .190 | -.091 | -1.371 |
| 320 | 174 | .413 | .101 | -.033 | -.857 | 320 | 224 | -.367 | .135 | -.049 | -1.233 | 320 | 274 | -.260 | .115 | .163 | -.704 |
| 320 | 175 | .149 | .089 | -.168 | -.482 | 320 | 225 | -.369 | .138 | -.013 | -1.155 | 320 | 275 | -.111 | .089 | .378 | -.467 |
| 320 | 176 | .255 | .118 | .724 | -.100 | 320 | 226 | -.366 | .141 | -.004 | -1.164 | 320 | 276 | .048 | .081 | .546 | -.199 |
| 320 | 177 | .484 | .161 | .970 | -.023 | 320 | 227 | -.378 | .171 | -.160 | -1.219 | 320 | 277 | .138 | .092 | .539 | -.120 |
| 320 | 178 | .588 | .173 | 1.200 | -.112 | 320 | 228 | -.376 | .270 | -.465 | -1.395 | 320 | 278 | .168 | .109 | .690 | -.158 |
| 320 | 179 | .600 | .184 | 1.118 | -.161 | 320 | 229 | -.480 | .237 | -.322 | -1.347 | 320 | 279 | .146 | .109 | .661 | -.285 |
| 320 | 180 | .373 | .139 | -.117 | -1.176 | 320 | 230 | -.574 | .196 | -.056 | -1.497 | 320 | 280 | -.239 | .054 | -.030 | -.543 |
| 320 | 181 | -.343 | .112 | -.033 | -.939 | 320 | 231 | -.554 | .187 | -.097 | -1.547 | 320 | 281 | -.263 | .043 | -.116 | -.509 |
| 320 | 182 | -.333 | .120 | -.062 | -1.154 | 320 | 232 | -.583 | .175 | -.038 | -1.458 | 320 | 282 | -.322 | .060 | -.148 | -.698 |
| 320 | 183 | -.356 | .149 | -.137 | -1.082 | 320 | 233 | -.598 | .159 | -.220 | -1.616 | 320 | 283 | -.336 | .065 | -.148 | -.750 |
| 320 | 184 | -.365 | .149 | -.263 | -1.142 | 320 | 234 | -.414 | .120 | -.038 | -.927 | 320 | 284 | -.322 | .050 | -.197 | -.664 |
| 320 | 185 | -.394 | .153 | .078 | -1.200 | 320 | 235 | -.156 | .087 | .261 | -.591 | 320 | 285 | -.268 | .051 | -.132 | -.531 |
| 320 | 186 | .418 | .167 | .112 | -1.089 | 320 | 236 | -.112 | .095 | .560 | -.148 | 320 | 286 | -.245 | .061 | -.032 | -.551 |
| 320 | 187 | .456 | .202 | .506 | -1.193 | 320 | 237 | -.293 | .137 | .771 | -.026 | 320 | 287 | -.230 | .061 | .049 | -.514 |
| 320 | 188 | .544 | .269 | .523 | -1.493 | 320 | 238 | -.357 | .158 | .888 | -.084 | 320 | 288 | -.173 | .062 | .056 | -.440 |
| 320 | 189 | .588 | .198 | .443 | -1.340 | 320 | 239 | -.384 | .165 | .907 | -.129 | 320 | 289 | -.145 | .063 | .147 | -.413 |
| 320 | 190 | .634 | .190 | .151 | -1.570 | 320 | 240 | -.332 | .107 | .091 | -1.133 | 320 | 290 | -.144 | .066 | .120 | -.497 |
| 320 | 191 | .613 | .169 | .088 | -1.541 | 320 | 241 | -.323 | .090 | -.065 | -.910 | 320 | 291 | -.115 | .061 | .157 | -.411 |
| 320 | 192 | .611 | .153 | -.178 | -1.377 | 320 | 242 | -.319 | .102 | .093 | -1.288 | 320 | 292 | -.122 | .059 | .123 | -.366 |
| 320 | 193 | .618 | .164 | -.180 | -1.440 | 320 | 243 | -.328 | .109 | .022 | -1.003 | 320 | 293 | -.278 | .138 | .167 | -1.150 |
| 320 | 194 | .464 | .126 | -.039 | -.919 | 320 | 244 | -.348 | .112 | -.107 | -.972 | 320 | 294 | -.110 | .063 | .201 | -.352 |
| 320 | 195 | .157 | .097 | .198 | -.489 | 320 | 245 | -.339 | .128 | .060 | -1.307 | 320 | 295 | -.043 | .056 | .187 | -.221 |
| 320 | 196 | .195 | .110 | .805 | -.149 | 320 | 246 | -.327 | .110 | -.026 | -.967 | 320 | 296 | -.089 | .085 | .501 | -.113 |
| 320 | 197 | .412 | .156 | .954 | -.063 | 320 | 247 | -.375 | .151 | .093 | -.982 | 320 | 297 | .184 | .115 | .725 | -.192 |
| 320 | 198 | .537 | .178 | .035 | -.154 | 320 | 248 | -.270 | .128 | .783 | -1.307 | 320 | 298 | .066 | .075 | .393 | -.157 |
| 320 | 199 | .539 | .184 | .019 | -.087 | 320 | 249 | -.220 | .249 | .488 | -1.329 | 320 | 299 | .041 | .079 | .541 | -.177 |
| 320 | 200 | .338 | .134 | -.078 | -1.214 | 320 | 250 | -.503 | .209 | -.010 | -1.614 | 320 | 300 | -.181 | .041 | -.002 | -.396 |
| 320 | 201 | .334 | .103 | -.111 | -1.117 | 320 | 251 | -.444 | .191 | .031 | -1.559 | 320 | 301 | -.319 | .082 | -.076 | -.649 |
| 320 | 202 | .333 | .113 | -.064 | -.978 | 320 | 252 | -.502 | .187 | -.041 | -1.532 | 320 | 302 | -.133 | .056 | .118 | -.391 |
| 320 | 203 | .333 | .139 | -.086 | -1.226 | 320 | 253 | -.553 | .179 | -.125 | -1.518 | 320 | 303 | -.046 | .078 | .273 | -.290 |
| 320 | 204 | .380 | .149 | .086 | -1.174 | 320 | 254 | -.485 | .129 | -.120 | -.975 | 320 | 304 | -.037 | .094 | .393 | -.396 |
| 320 | 205 | .396 | .147 | .039 | -1.098 | 320 | 255 | -.129 | .087 | .302 | -.414 | 320 | 305 | -.155 | .054 | .015 | -.366 |
| 320 | 206 | .396 | .160 | .098 | -1.176 | 320 | 256 | -.066 | .083 | .462 | -.206 | 320 | 306 | -.187 | .061 | -.029 | -.482 |
| 320 | 207 | .424 | .178 | .160 | -1.160 | 320 | 257 | -.214 | .115 | .733 | -.079 | 320 | 307 | -.211 | .068 | -.010 | -.752 |
| 320 | 208 | .498 | .264 | .503 | -1.412 | 320 | 258 | -.266 | .145 | .800 | -.199 | 320 | 308 | -.134 | .052 | .029 | -.445 |
| 320 | 209 | .538 | .202 | .308 | -1.286 | 320 | 259 | -.261 | .149 | 1.053 | -.136 | 320 | 309 | -.101 | .071 | .147 | -.423 |
| 320 | 210 | .603 | .187 | -.154 | -1.504 | 320 | 260 | -.318 | .071 | .117 | -.668 | 320 | 310 | -.208 | .040 | -.062 | -.369 |
| 320 | 211 | .583 | .151 | -.151 | -1.297 | 320 | 261 | -.066 | .066 | .105 | -.826 | 320 | 311 | -.217 | .043 | -.047 | -.411 |
| 320 | 212 | .600 | .157 | -.182 | -1.547 | 320 | 262 | -.300 | .071 | -.148 | -.740 | 320 | 312 | -.197 | .048 | -.030 | -.467 |
| 320 | 213 | .603 | .151 | -.180 | -1.274 | 320 | 263 | -.333 | .096 | -.113 | -.982 | 320 | 313 | -.321 | .092 | -.049 | -.740 |
| 320 | 214 | .410 | .049 | -.261 | -.560 | 320 | 264 | -.376 | .095 | .141 | -1.003 | 320 | 314 | -.132 | .053 | .216 | -.374 |
| 320 | 215 | .157 | .090 | .201 | -.503 | 320 | 265 | -.390 | .107 | -.110 | -.073 | 320 | 315 | -.011 | .105 | .467 | -.401 |
| 320 | 216 | .127 | .097 | .535 | -.181 | 320 | 266 | -.342 | .084 | -.050 | -.927 | 320 | 316 | -.165 | .066 | -.088 | -.474 |
| 320 | 217 | .333 | .147 | .794 | -.146 | 320 | 267 | -.373 | .111 | .101 | -1.152 | 320 | 317 | -.155 | .045 | -.017 | -.376 |
| 320 | 218 | .421 | .175 | .974 | -.087 | 320 | 268 | -.188 | .168 | .515 | -1.010 | 320 | 318 | -.125 | .039 | .081 | -.352 |
| 320 | 219 | .420 | .188 | .930 | -.143 | 320 | 269 | -.207 | .175 | .474 | -1.140 | 320 | 319 | -.115 | .049 | .108 | -.450 |
| 320 | 220 | .320 | .101 | .068 | -1.046 | 320 | 270 | -.378 | .193 | .093 | -1.975 | 320 | 320 | -.057 | .080 | .285 | -.248 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 320 | 321 | .049 | .080 | .337 | -.246 | 320 | 418 | -.295 | .080 | -.096 | -.838 | 320 | 501 | -1.272 | .434 | .044 | -2.919 |
| 320 | 322 | .243 | .048 | -.052 | -.477 | 320 | 419 | -.302 | .083 | -.080 | -.866 | 320 | 502 | -.677 | .339 | -.067 | -2.000 |
| 320 | 323 | .261 | .079 | -.047 | -.700 | 320 | 420 | -.293 | .079 | -.073 | -.848 | 320 | 503 | -.535 | .081 | -.229 | -.898 |
| 320 | 324 | .126 | .095 | -.044 | -.742 | 320 | 421 | -.284 | .067 | -.108 | -.696 | 320 | 504 | -.584 | .082 | -.366 | -.856 |
| 320 | 325 | .013 | .056 | .088 | -.384 | 320 | 422 | -.259 | .047 | -.108 | -.514 | 320 | 505 | -.639 | .110 | -.331 | -1.178 |
| 320 | 326 | .118 | .077 | .394 | -.313 | 320 | 423 | -.251 | .041 | -.120 | -.447 | 320 | 506 | -.919 | .294 | -.284 | -1.967 |
| 320 | 327 | .116 | .048 | .078 | -.387 | 320 | 424 | -.259 | .049 | -.120 | -.494 | 320 | 507 | -.787 | .235 | -.206 | -1.591 |
| 320 | 328 | .037 | .037 | .037 | -.367 | 320 | 425 | -.148 | .044 | -.064 | -.354 | 320 | 508 | -.514 | .145 | -.088 | -1.094 |
| 320 | 329 | .112 | .036 | .090 | -.284 | 320 | 426 | -.150 | .043 | .047 | -.322 | 320 | 509 | -.444 | .129 | -.129 | -.924 |
| 320 | 330 | .144 | .061 | .002 | -.500 | 320 | 427 | -.168 | .050 | .037 | -.445 | 320 | 510 | -1.184 | .298 | -.022 | -2.380 |
| 320 | 331 | .020 | .079 | .338 | -.213 | 320 | 428 | -.243 | .041 | .122 | -.421 | 320 | 511 | -1.225 | .368 | -.088 | -2.558 |
| 320 | 332 | .111 | .038 | .051 | -.255 | 320 | 429 | -.243 | .044 | .095 | -.423 | 320 | 512 | -.503 | .120 | -.215 | -1.449 |
| 320 | 333 | .236 | .045 | .088 | -.453 | 320 | 430 | -.242 | .050 | .082 | -.570 | 320 | 513 | -.735 | .106 | -.354 | -1.080 |
| 320 | 334 | .173 | .034 | .061 | -.326 | 320 | 431 | -.201 | .047 | -.045 | -.589 | 320 | 514 | -.776 | .124 | -.401 | -1.247 |
| 320 | 335 | .242 | .072 | -.022 | -.590 | 320 | 432 | -.235 | .045 | .082 | -.540 | 320 | 515 | -.612 | .133 | -.227 | -1.056 |
| 320 | 336 | .106 | .039 | .086 | -.222 | 320 | 433 | -.240 | .043 | .067 | -.421 | 320 | 516 | -.411 | .117 | -.123 | -.858 |
| 320 | 337 | .137 | .058 | .122 | -.500 | 320 | 434 | -.242 | .040 | .097 | -.503 | 320 | 517 | -.358 | .107 | -.018 | -.773 |
| 320 | 338 | .042 | .078 | .387 | -.250 | 320 | 435 | -.222 | .039 | .058 | -.399 | 320 | 518 | -.352 | .104 | -.069 | -.842 |
| 320 | 339 | .051 | .080 | .276 | -.257 | 320 | 436 | -.177 | .054 | .138 | -.428 | 320 | 519 | -1.260 | .274 | -.194 | -2.231 |
| 320 | 340 | .103 | .057 | .123 | -.282 | 320 | 437 | -.181 | .042 | .067 | -.327 | 320 | 520 | -1.244 | .330 | -.154 | -2.994 |
| 320 | 341 | .100 | .056 | .127 | -.366 | 320 | 438 | -.196 | .048 | .047 | -.408 | 320 | 521 | -.668 | .238 | -.222 | -1.930 |
| 320 | 342 | .180 | .059 | .157 | -.306 | 320 | 439 | -.256 | .040 | -.118 | -.428 | 320 | 522 | -.804 | .135 | -.441 | -1.275 |
| 320 | 343 | .062 | .073 | .221 | -.401 | 320 | 440 | -.257 | .043 | -.110 | -.509 | 320 | 523 | -.844 | .166 | -.423 | -1.395 |
| 320 | 344 | .078 | .074 | .261 | -.316 | 320 | 441 | -.235 | .040 | .048 | -.418 | 320 | 524 | -.822 | .154 | -.131 | -1.266 |
| 320 | 345 | .082 | .080 | .236 | -.366 | 320 | 442 | -.248 | .041 | .005 | -.555 | 320 | 525 | -.822 | .088 | -.116 | -.759 |
| 320 | 346 | .062 | .082 | .336 | -.321 | 320 | 443 | -.265 | .058 | .256 | -.441 | 320 | 526 | -.361 | .076 | -.088 | -.639 |
| 320 | 347 | .068 | .097 | .483 | -.413 | 320 | 444 | -.192 | .087 | .206 | -.379 | 320 | 527 | -.303 | .075 | -.076 | -.658 |
| 320 | 348 | .068 | .064 | .266 | -.252 | 320 | 445 | -.240 | .054 | .147 | -.463 | 320 | 528 | -1.257 | .308 | -.201 | -2.582 |
| 320 | 349 | .060 | .075 | .338 | -.339 | 320 | 446 | -.264 | .060 | .077 | -.508 | 320 | 529 | -1.213 | .384 | -.225 | -2.589 |
| 320 | 350 | .079 | .058 | .162 | -.284 | 320 | 447 | -.233 | .048 | .072 | -.476 | 320 | 530 | -.697 | .245 | -.258 | -1.937 |
| 320 | 351 | .095 | .052 | .152 | -.279 | 320 | 448 | -.087 | .051 | .117 | -.296 | 320 | 531 | -.798 | .150 | -.387 | -1.268 |
| 320 | 352 | .090 | .050 | .097 | -.346 | 320 | 449 | -.087 | .052 | .102 | -.284 | 320 | 532 | -.814 | .184 | -.373 | -1.365 |
| 320 | 353 | .104 | .051 | .119 | -.287 | 320 | 450 | -.141 | .055 | .052 | -.359 | 320 | 533 | -.485 | .162 | -.119 | -1.131 |
| 320 | 354 | .331 | .123 | -.006 | -.962 | 320 | 451 | -.149 | .064 | .042 | -.506 | 320 | 534 | -.320 | .087 | -.069 | -.752 |
| 320 | 355 | .331 | .122 | -.045 | -.078 | 320 | 452 | -.156 | .062 | .047 | -.573 | 320 | 535 | -.300 | .072 | -.069 | -.646 |
| 320 | 356 | .331 | .112 | -.018 | -.812 | 320 | 453 | -.163 | .066 | .032 | -.493 | 320 | 536 | -.166 | .076 | -.098 | -.729 |
| 320 | 357 | .349 | .124 | -.043 | -.013 | 320 | 454 | -.191 | .085 | .059 | -.988 | 320 | 537 | -.186 | .308 | -.046 | -2.507 |
| 320 | 358 | .334 | .115 | -.043 | -.948 | 320 | 455 | -.166 | .068 | .041 | -.455 | 320 | 538 | -.185 | .359 | -.011 | -2.656 |
| 320 | 359 | .334 | .108 | -.064 | -.873 | 320 | 456 | -.174 | .077 | .081 | -.612 | 320 | 539 | -.745 | .235 | -.220 | -2.262 |
| 320 | 360 | .284 | .069 | -.106 | -.627 | 320 | 457 | -.093 | .050 | .124 | -.261 | 320 | 540 | -.666 | .134 | -.366 | -1.200 |
| 320 | 361 | .286 | .069 | -.106 | -.667 | 320 | 458 | -.092 | .055 | .189 | -.423 | 320 | 541 | -.773 | .184 | -.302 | -1.357 |
| 320 | 362 | .300 | .073 | -.120 | -.723 | 320 | 459 | -.156 | .065 | .056 | -.513 | 320 | 542 | -.519 | .169 | -.161 | -1.148 |
| 320 | 363 | .289 | .072 | -.089 | -.676 | 320 | 460 | -.133 | .054 | .074 | -.360 | 320 | 543 | -.336 | .091 | -.123 | -.868 |
| 320 | 364 | .288 | .071 | -.127 | -.111 | 320 | 461 | -.134 | .072 | .119 | -.490 | 320 | 544 | -.313 | .078 | -.109 | -.696 |
| 320 | 365 | .292 | .064 | -.125 | -.620 | 320 | 462 | -.088 | .102 | .578 | -.423 | 320 | 545 | -.310 | .079 | -.079 | -.693 |
| 320 | 366 | .296 | .080 | -.080 | -.704 | 320 | 463 | -.038 | .100 | .692 | -.346 | 320 | 546 | -.049 | .317 | -.032 | -2.994 |
| 320 | 367 | .301 | .078 | -.094 | -.978 | 320 | 464 | -.022 | .124 | .585 | -.535 | 320 | 547 | -.030 | .377 | -.120 | -2.347 |
| 320 | 368 | .285 | .068 | -.071 | -.641 | 320 | 465 | -.094 | .090 | .520 | -.163 | 320 | 548 | -.583 | .194 | -.198 | -1.899 |
| 320 | 369 | .290 | .078 | -.078 | -.774 | 320 | 466 | -.125 | .124 | .680 | -.178 | 320 | 549 | -.674 | .128 | -.209 | -1.076 |
| 320 | 370 | .286 | .081 | -.039 | -.806 | 320 | 467 | -.113 | .120 | .740 | -.148 | 320 | 550 | -.680 | .170 | -.164 | -1.256 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 320 | 551 | 491 | 147 | 179 | -1.014 | 320 | 601 | 147 | 035 | 014 | 297 | 320 | 732 | 002 | 080 | 438 | 348 |
| 320 | 552 | 336 | 097 | 056 | 832 | 320 | 602 | 158 | 030 | 049 | 262 | 320 | 733 | 009 | 087 | 386 | 478 |
| 320 | 553 | 304 | 083 | 082 | 803 | 320 | 603 | 202 | 035 | 091 | 355 | 320 | 734 | 009 | 089 | 396 | 363 |
| 320 | 554 | 300 | 081 | 041 | 733 | 320 | 604 | 177 | 029 | 074 | 284 | 320 | 735 | 051 | 077 | 386 | 271 |
| 320 | 555 | 866 | 287 | 202 | 567 | 320 | 605 | 162 | 027 | 059 | 277 | 320 | 736 | 047 | 087 | 408 | 258 |
| 320 | 556 | 786 | 319 | 146 | 084 | 320 | 606 | 153 | 028 | 027 | 274 | 320 | 737 | 045 | 067 | 253 | 203 |
| 320 | 557 | 475 | 157 | 141 | 495 | 320 | 607 | 245 | 123 | 120 | 016 | 320 | 738 | 028 | 061 | 268 | 191 |
| 320 | 558 | 205 | 112 | 205 | 028 | 320 | 608 | 206 | 137 | 240 | 016 | 320 | 739 | 007 | 046 | 248 | 123 |
| 320 | 559 | 546 | 128 | 195 | 064 | 320 | 609 | 136 | 077 | 122 | 705 | 320 | 740 | 041 | 061 | 356 | 118 |
| 320 | 560 | 404 | 110 | 198 | 972 | 320 | 610 | 131 | 044 | 108 | 318 | 320 | 741 | 047 | 072 | 426 | 161 |
| 320 | 561 | 299 | 070 | 129 | 820 | 320 | 611 | 125 | 042 | 049 | 279 | 320 | 742 | 034 | 072 | 438 | 403 |
| 320 | 562 | 283 | 071 | 103 | 993 | 320 | 612 | 166 | 035 | 032 | 289 | 320 | 743 | 077 | 093 | 516 | 143 |
| 320 | 563 | 276 | 063 | 103 | 735 | 320 | 613 | 193 | 035 | 069 | 336 | 320 | 744 | 084 | 098 | 678 | 123 |
| 320 | 564 | 654 | 236 | 124 | 309 | 320 | 614 | 187 | 033 | 078 | 306 | 320 | 745 | 066 | 082 | 499 | 132 |
| 320 | 565 | 564 | 261 | 210 | 670 | 320 | 615 | 161 | 027 | 069 | 260 | 320 | 746 | 078 | 084 | 519 | 189 |
| 320 | 566 | 351 | 135 | 011 | 483 | 320 | 616 | 156 | 027 | 066 | 247 | 320 | 747 | 036 | 072 | 468 | 198 |
| 320 | 567 | 386 | 079 | 161 | 802 | 320 | 617 | 170 | 022 | 061 | 299 | 320 | 748 | 035 | 111 | 620 | 405 |
| 320 | 568 | 371 | 076 | 183 | 740 | 320 | 618 | 170 | 036 | 056 | 331 | 320 | 749 | 040 | 127 | 593 | 458 |
| 320 | 569 | 287 | 065 | 110 | 612 | 320 | 619 | 178 | 038 | 061 | 360 | 320 | 750 | 116 | 112 | 483 | 542 |
| 320 | 570 | 236 | 044 | 074 | 460 | 320 | 701 | 433 | 157 | 954 | 108 | 320 | 751 | 175 | 071 | 291 | 520 |
| 320 | 571 | 234 | 043 | 112 | 482 | 320 | 702 | 402 | 163 | 922 | 418 | 320 | 752 | 179 | 071 | 221 | 423 |
| 320 | 572 | 240 | 045 | 086 | 567 | 320 | 703 | 450 | 154 | 076 | 245 | 320 | 753 | 034 | 084 | 348 | 355 |
| 320 | 573 | 234 | 041 | 086 | 430 | 320 | 704 | 631 | 182 | 178 | 008 | 320 | 754 | 101 | 101 | 379 | 452 |
| 320 | 574 | 295 | 050 | 127 | 521 | 320 | 705 | 610 | 178 | 135 | 129 | 320 | 755 | 002 | 093 | 426 | 368 |
| 320 | 575 | 247 | 039 | 132 | 418 | 320 | 706 | 510 | 172 | 055 | 347 | 320 | 756 | 041 | 079 | 296 | 440 |
| 320 | 576 | 390 | 175 | 165 | 529 | 320 | 707 | 559 | 175 | 137 | 174 | 320 | 757 | 009 | 089 | 338 | 370 |
| 320 | 577 | 308 | 179 | 128 | 237 | 320 | 708 | 557 | 180 | 284 | 119 | 320 | 758 | 090 | 073 | 231 | 390 |
| 320 | 578 | 195 | 095 | 079 | 919 | 320 | 709 | 371 | 184 | 974 | 482 | 320 | 759 | 128 | 071 | 178 | 437 |
| 320 | 579 | 205 | 042 | 052 | 450 | 320 | 710 | 496 | 186 | 176 | 133 | 320 | 760 | 068 | 076 | 311 | 378 |
| 320 | 580 | 205 | 035 | 092 | 337 | 320 | 711 | 482 | 197 | 088 | 190 | 320 | 761 | 057 | 078 | 319 | 343 |
| 320 | 581 | 242 | 044 | 115 | 450 | 320 | 712 | 317 | 189 | 887 | 590 | 320 | 762 | 247 | 042 | 105 | 427 |
| 320 | 582 | 213 | 043 | 081 | 403 | 320 | 713 | 432 | 206 | 062 | 157 | 320 | 763 | 256 | 040 | 122 | 492 |
| 320 | 583 | 252 | 043 | 125 | 467 | 320 | 714 | 409 | 190 | 031 | 164 | 320 | 764 | 264 | 045 | 112 | 469 |
| 320 | 584 | 207 | 040 | 081 | 413 | 320 | 715 | 284 | 198 | 917 | 415 | 320 | 765 | 269 | 044 | 107 | 467 |
| 320 | 585 | 193 | 044 | 014 | 393 | 320 | 716 | 341 | 200 | 950 | 112 | 320 | 766 | 107 | 116 | 807 | 163 |
| 320 | 586 | 201 | 054 | 041 | 553 | 320 | 717 | 327 | 188 | 943 | 200 | 320 | 767 | 281 | 044 | 150 | 484 |
| 320 | 587 | 194 | 036 | 061 | 341 | 320 | 718 | 239 | 189 | 846 | 330 | 320 | 801 | 173 | 029 | 073 | 323 |
| 320 | 588 | 185 | 036 | 041 | 378 | 320 | 719 | 287 | 181 | 896 | 317 | 320 | 802 | 186 | 035 | 045 | 440 |
| 320 | 589 | 198 | 036 | 088 | 344 | 320 | 720 | 253 | 155 | 937 | 130 | 320 | 803 | 302 | 041 | 199 | 474 |
| 320 | 590 | 180 | 030 | 084 | 302 | 320 | 721 | 135 | 153 | 720 | 284 | 320 | 804 | 185 | 036 | 023 | 328 |
| 320 | 591 | 163 | 030 | 059 | 307 | 320 | 722 | 105 | 113 | 582 | 191 | 320 | 805 | 164 | 039 | 044 | 504 |
| 320 | 592 | 310 | 138 | 099 | 030 | 320 | 723 | 128 | 115 | 680 | 203 | 320 | 901 | 166 | 076 | 198 | 459 |
| 320 | 593 | 263 | 154 | 114 | 529 | 320 | 724 | 073 | 120 | 661 | 323 | 320 | 902 | 258 | 062 | 002 | 508 |
| 320 | 594 | 163 | 064 | 067 | 816 | 320 | 725 | 040 | 091 | 433 | 223 | 320 | 903 | 295 | 058 | 125 | 550 |
| 320 | 595 | 186 | 037 | 005 | 469 | 320 | 726 | 047 | 069 | 531 | 257 | 320 | 904 | 554 | 141 | 176 | 109 |
| 320 | 596 | 229 | 048 | 005 | 489 | 320 | 727 | 021 | 073 | 502 | 242 | 320 | 905 | 966 | 191 | 426 | 734 |
| 320 | 597 | 188 | 036 | 054 | 391 | 320 | 728 | 006 | 112 | 560 | 291 | 320 | 906 | 177 | 092 | 109 | 535 |
| 320 | 598 | 191 | 044 | 064 | 423 | 320 | 729 | 035 | 092 | 442 | 276 | 320 | 907 | 263 | 073 | 046 | 732 |
| 320 | 599 | 195 | 048 | 005 | 568 | 320 | 730 | 037 | 069 | 356 | 256 | 320 | 908 | 485 | 152 | 141 | 207 |
| 320 | 600 | 153 | 037 | 008 | 371 | 320 | 731 | 019 | 054 | 263 | 271 | 320 | 909 | 882 | 159 | 351 | 420 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 320 | 910 | .381 | .122 | -.050 | -.910 | 330 | 106 | -.512 | .216 | .059 | -1.613 | 330 | 156 | .340 | .128 | .676 | -.070 |
| 320 | 911 | -.284 | .089 | -.091 | -.711 | 330 | 107 | -.038 | .344 | 1.028 | -1.823 | 330 | 157 | .534 | .152 | .942 | -.010 |
| 320 | 912 | -.820 | .145 | -.255 | -1.359 | 330 | 108 | -.401 | .284 | .787 | -1.128 | 330 | 158 | .604 | .182 | 1.101 | -.154 |
| 320 | 913 | -.288 | .050 | -.115 | -.576 | 330 | 109 | -.450 | .202 | .620 | -1.353 | 330 | 159 | -.626 | .191 | 1.158 | -1.161 |
| 320 | 914 | -.341 | .081 | -.172 | -.841 | 330 | 110 | -.695 | .161 | .253 | -1.403 | 330 | 160 | -.399 | .099 | -.127 | -1.070 |
| 320 | 915 | -.431 | .151 | -.163 | -.969 | 330 | 111 | -.687 | .110 | -.208 | -1.133 | 330 | 161 | -.377 | .086 | -.079 | -.873 |
| 320 | 916 | -.791 | .151 | -.234 | -1.392 | 330 | 112 | -.677 | .104 | -.287 | -1.040 | 330 | 162 | -.372 | .086 | -.082 | -.823 |
| 320 | 917 | -.200 | .124 | -.817 | -1.053 | 330 | 113 | -.632 | .101 | -.308 | -1.016 | 330 | 163 | -.377 | .097 | -.031 | -.820 |
| 320 | 918 | -.108 | .087 | -.502 | -1.105 | 330 | 114 | -.636 | .102 | -.306 | -1.038 | 330 | 164 | -.406 | .102 | -.072 | -1.146 |
| 320 | 919 | -.687 | .140 | -.188 | -1.254 | 330 | 115 | -.136 | .085 | .138 | -.482 | 330 | 165 | -.411 | .105 | -.118 | -1.010 |
| 320 | 920 | -.343 | .068 | -.172 | -.814 | 330 | 116 | -.014 | .093 | .348 | -.518 | 330 | 166 | -.390 | .103 | .038 | -.983 |
| 320 | 921 | -.254 | .119 | -.184 | -.772 | 330 | 117 | -.149 | .115 | .710 | -.322 | 330 | 167 | -.365 | .163 | .307 | -1.041 |
| 320 | 922 | -.328 | .127 | -.245 | -.828 | 330 | 118 | -.222 | .129 | .620 | -.301 | 330 | 168 | -.261 | .332 | .698 | -1.398 |
| 320 | 923 | -.785 | .128 | -.269 | -1.244 | 330 | 119 | -.323 | .158 | .784 | -.220 | 330 | 169 | -.497 | .299 | .794 | -1.350 |
| 320 | 924 | -.761 | .121 | -.216 | -1.179 | 330 | 120 | -.426 | .112 | -.093 | -1.009 | 330 | 170 | -.678 | .209 | -.058 | -1.480 |
| 320 | 925 | -.139 | .095 | -.396 | -1.150 | 330 | 121 | -.498 | .132 | -.027 | -1.124 | 330 | 171 | -.614 | .183 | -.089 | -1.405 |
| 320 | 926 | -.333 | .062 | -.169 | -.633 | 330 | 122 | -.319 | .138 | .126 | -1.167 | 330 | 172 | -.646 | .179 | -.125 | -1.521 |
| 320 | 927 | -.526 | .122 | -.091 | -.994 | 330 | 123 | -.125 | .349 | .906 | -1.124 | 330 | 173 | -.656 | .204 | -.106 | -1.715 |
| 320 | 928 | -.625 | .100 | -.295 | -1.093 | 330 | 124 | -.549 | .187 | .484 | -1.109 | 330 | 174 | -.335 | .131 | .117 | -.897 |
| 320 | 929 | -.617 | .091 | -.307 | -.990 | 330 | 125 | -.689 | .168 | -.296 | -1.071 | 330 | 175 | -.028 | .116 | .412 | -.492 |
| 320 | 930 | -.015 | .063 | -.403 | -1.157 | 330 | 126 | -.664 | .095 | -.263 | -1.021 | 330 | 176 | -.349 | .148 | .787 | -1.130 |
| 320 | 931 | -.336 | .080 | -.105 | -.928 | 330 | 127 | -.662 | .107 | -.282 | -1.202 | 330 | 177 | -.532 | .170 | 1.022 | -.338 |
| 320 | 932 | -.082 | .050 | -.111 | -.265 | 330 | 128 | -.252 | .080 | .107 | -.544 | 330 | 178 | -.562 | .198 | 1.185 | -.297 |
| 320 | 933 | -.189 | .046 | -.007 | -.373 | 330 | 129 | -.040 | .091 | .284 | -.411 | 330 | 179 | -.548 | .209 | 1.139 | -.173 |
| 320 | 934 | -.256 | .045 | -.075 | -.531 | 330 | 130 | -.437 | .114 | -.086 | -.981 | 330 | 180 | -.397 | .120 | -.070 | -1.350 |
| 320 | 935 | -.019 | .054 | -.192 | -.273 | 330 | 131 | -.465 | .123 | -.053 | -1.035 | 330 | 181 | -.382 | .101 | -.084 | -1.031 |
| 320 | 936 | -.028 | .065 | -.306 | -.177 | 330 | 132 | -.390 | .120 | .171 | -.921 | 330 | 182 | -.362 | .095 | -.022 | -.911 |
| 320 | 937 | -.208 | .082 | -.007 | -.767 | 330 | 133 | -.075 | .414 | 1.001 | -1.181 | 330 | 183 | -.364 | .101 | -.005 | -1.034 |
| 320 | 938 | -.115 | .047 | -.376 | -.328 | 330 | 134 | -.475 | .280 | .713 | -1.298 | 330 | 184 | -.378 | .108 | .036 | -1.024 |
| 320 | 939 | -.022 | .090 | -.061 | -.328 | 330 | 135 | -.749 | .142 | -.291 | -1.462 | 330 | 185 | -.384 | .110 | .034 | -1.067 |
| 320 | 940 | -.178 | .075 | -.044 | -.628 | 330 | 136 | -.649 | .109 | -.266 | -1.087 | 330 | 186 | -.362 | .098 | -.019 | -1.158 |
| 320 | 941 | -.302 | .102 | -.053 | -.705 | 330 | 137 | -.627 | .077 | -.294 | -.889 | 330 | 187 | -.377 | .153 | .019 | -1.286 |
| 320 | 942 | -.004 | .095 | -.383 | -.251 | 330 | 138 | -.343 | .084 | .031 | -.721 | 330 | 188 | -.161 | .292 | .645 | -1.187 |
| 320 | 943 | -.138 | .079 | -.106 | -.581 | 330 | 139 | -.687 | .088 | -.276 | -.477 | 330 | 189 | -.314 | .307 | .736 | -1.245 |
| 320 | 944 | -.110 | .046 | -.111 | -.286 | 330 | 140 | -.387 | .087 | -.120 | -.773 | 330 | 190 | -.542 | .250 | .007 | -1.787 |
| 320 | 945 | -.190 | .030 | -.088 | -.316 | 330 | 141 | -.376 | .073 | .141 | -.787 | 330 | 191 | -.498 | .218 | .055 | -1.374 |
| 320 | 946 | -.076 | .049 | -.150 | -.363 | 330 | 142 | -.395 | .087 | -.108 | -.766 | 330 | 192 | -.558 | .203 | .089 | -1.523 |
| 320 | 947 | -.180 | .038 | -.055 | -.378 | 330 | 143 | -.415 | .101 | -.108 | -.876 | 330 | 193 | -.684 | .253 | .027 | -1.880 |
| 320 | 948 | -.246 | .058 | -.098 | -.506 | 330 | 144 | -.424 | .101 | -.110 | -.945 | 330 | 194 | -.414 | .147 | .075 | -1.083 |
| 320 | 949 | -.140 | .047 | -.158 | -.360 | 330 | 145 | -.442 | .110 | -.050 | -1.002 | 330 | 195 | -.017 | .128 | .513 | -.468 |
| 320 | 950 | -.091 | .050 | -.183 | -.236 | 330 | 146 | -.441 | .095 | -.112 | -.873 | 330 | 196 | -.309 | .153 | .843 | -.096 |
| 320 | 951 | -.132 | .052 | -.093 | -.452 | 330 | 147 | -.324 | .189 | .343 | -1.048 | 330 | 197 | -.456 | .171 | .944 | -.051 |
| 320 | 952 | -.167 | .072 | -.024 | -.685 | 330 | 148 | -.317 | .343 | .730 | -1.194 | 330 | 198 | -.458 | .188 | 1.050 | -.303 |
| 320 | 953 | -.106 | .038 | -.034 | -.266 | 330 | 149 | -.633 | .246 | -.511 | -1.283 | 330 | 199 | -.434 | .195 | 1.067 | -.228 |
| 320 | 954 | -.070 | .043 | -.153 | -.271 | 330 | 150 | -.787 | .173 | -.209 | -1.895 | 330 | 200 | -.386 | .116 | -.084 | -1.277 |
| 330 | 101 | -.391 | .057 | -.210 | -.685 | 330 | 151 | -.700 | .117 | -.264 | -1.274 | 330 | 201 | -.370 | .099 | -.105 | -.970 |
| 330 | 102 | -.388 | .105 | -.046 | -.964 | 330 | 152 | -.676 | .136 | -.187 | -1.504 | 330 | 202 | -.328 | .085 | -.073 | -.922 |
| 330 | 103 | -.398 | .110 | -.022 | -.940 | 330 | 153 | -.679 | .140 | -.209 | -1.849 | 330 | 203 | -.357 | .091 | -.091 | -.869 |
| 330 | 104 | -.431 | .114 | -.112 | -.899 | 330 | 154 | -.270 | .090 | -.072 | -.662 | 330 | 204 | -.375 | .101 | -.011 | -1.022 |
| 330 | 105 | -.576 | .177 | -.146 | -1.298 | 330 | 155 | -.604 | .097 | -.523 | -.386 | 330 | 205 | -.374 | .100 | -.133 | -.930 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|
| 3330 | 206 | 332 | .084 | .049 | .834 | 3330 | 256 | .192 | .131 | .690 | -.114 | 3330 | 306 | -.140 | .050 | -.051 | -.450 |
| 3330 | 207 | 382 | .129 | .161 | -.053 | 3330 | 257 | .290 | .133 | .814 | -.038 | 3330 | 307 | -.180 | .075 | -.066 | -.774 |
| 3330 | 208 | 126 | .222 | .538 | -.027 | 3330 | 258 | .248 | .127 | .854 | -.091 | 3330 | 308 | -.124 | .055 | -.085 | -.440 |
| 3330 | 209 | 227 | .227 | .489 | -.027 | 3330 | 259 | .204 | .130 | .963 | -.152 | 3330 | 309 | -.092 | .076 | -.186 | -.463 |
| 3330 | 210 | 427 | .206 | .039 | .378 | 3330 | 260 | -.372 | .085 | 1.05 | -.795 | 3330 | 310 | -.212 | .044 | -.013 | -.423 |
| 3330 | 211 | 376 | .178 | .083 | .121 | 3330 | 261 | -.376 | .081 | .136 | -.800 | 3330 | 311 | -.217 | .043 | -.015 | -.401 |
| 3330 | 212 | 474 | .193 | .001 | .227 | 3330 | 262 | -.397 | .076 | .183 | -.843 | 3330 | 312 | -.214 | .053 | -.015 | -.506 |
| 3330 | 213 | 619 | .195 | .074 | .381 | 3330 | 263 | -.426 | .083 | .212 | -.822 | 3330 | 313 | -.338 | .101 | -.094 | -.789 |
| 3330 | 214 | 273 | .066 | .053 | -.428 | 3330 | 264 | -.447 | .094 | .181 | -.990 | 3330 | 314 | -.141 | .058 | -.095 | -.366 |
| 3330 | 215 | 666 | .122 | .414 | .428 | 3330 | 265 | -.442 | .086 | .257 | -.936 | 3330 | 315 | -.055 | .121 | -.451 | -.492 |
| 3330 | 216 | 205 | .148 | .663 | .146 | 3330 | 266 | -.394 | .072 | .197 | -.727 | 3330 | 316 | -.102 | .049 | -.078 | -.315 |
| 3330 | 217 | 341 | .148 | .975 | -.052 | 3330 | 267 | -.474 | .105 | .140 | -.066 | 3330 | 317 | -.133 | .047 | -.026 | -.339 |
| 3330 | 218 | 378 | .153 | .979 | .082 | 3330 | 268 | -.123 | .110 | .379 | -.629 | 3330 | 318 | -.102 | .043 | -.058 | -.347 |
| 3330 | 219 | 336 | .162 | .067 | -.052 | 3330 | 269 | -.100 | .117 | .690 | -.655 | 3330 | 319 | -.090 | .051 | -.105 | -.477 |
| 3330 | 220 | 327 | .079 | .142 | -.009 | 3330 | 270 | -.180 | .091 | .088 | -.674 | 3330 | 320 | -.051 | .067 | -.370 | -.246 |
| 3330 | 221 | 313 | .078 | .050 | .892 | 3330 | 271 | -.184 | .097 | .076 | -.095 | 3330 | 321 | -.061 | .062 | -.306 | -.212 |
| 3330 | 222 | 318 | .078 | .075 | -.795 | 3330 | 272 | -.227 | .116 | .080 | -.786 | 3330 | 322 | -.244 | .048 | -.062 | -.433 |
| 3330 | 223 | 330 | .093 | .062 | -.959 | 3330 | 273 | -.411 | .168 | .035 | -.296 | 3330 | 323 | -.269 | .080 | -.030 | -.676 |
| 3330 | 224 | 336 | .088 | .136 | -.843 | 3330 | 274 | -.122 | .105 | .275 | -.729 | 3330 | 324 | -.264 | .089 | -.035 | -.720 |
| 3330 | 225 | 357 | .090 | .150 | -.043 | 3330 | 275 | -.017 | .098 | .477 | -.302 | 3330 | 325 | -.134 | .052 | -.114 | -.421 |
| 3330 | 226 | 323 | .071 | .100 | .753 | 3330 | 276 | -.150 | .119 | .733 | -.126 | 3330 | 326 | -.037 | .108 | -.395 | -.492 |
| 3330 | 227 | 391 | .114 | .126 | .871 | 3330 | 277 | -.197 | .119 | .695 | -.102 | 3330 | 327 | -.085 | .048 | -.141 | -.250 |
| 3330 | 228 | 189 | .189 | .593 | .072 | 3330 | 278 | -.168 | .121 | .746 | -.125 | 3330 | 328 | -.097 | .041 | -.061 | -.330 |
| 3330 | 229 | 156 | .201 | .538 | .091 | 3330 | 279 | -.116 | .101 | .549 | -.177 | 3330 | 329 | -.094 | .040 | -.063 | -.308 |
| 3330 | 230 | 323 | .180 | .126 | .671 | 3330 | 280 | -.256 | .054 | -.084 | -.506 | 3330 | 330 | -.124 | .061 | -.065 | -.504 |
| 3330 | 231 | 311 | .181 | .109 | .661 | 3330 | 281 | -.270 | .051 | .062 | -.521 | 3330 | 331 | -.041 | .075 | -.412 | -.242 |
| 3330 | 232 | 376 | .194 | .066 | .389 | 3330 | 282 | -.329 | .069 | .114 | -.860 | 3330 | 332 | -.118 | .041 | -.051 | -.296 |
| 3330 | 233 | 383 | .204 | .040 | .439 | 3330 | 283 | -.398 | .074 | .172 | -.813 | 3330 | 333 | -.242 | .051 | -.023 | -.499 |
| 3330 | 234 | 260 | .140 | .280 | .862 | 3330 | 284 | -.389 | .066 | .226 | -.722 | 3330 | 334 | -.181 | .037 | -.047 | -.330 |
| 3330 | 235 | 029 | .133 | .531 | .418 | 3330 | 285 | -.272 | .063 | .010 | -.617 | 3330 | 335 | -.237 | .077 | -.014 | -.690 |
| 3330 | 236 | 257 | .146 | .778 | .128 | 3330 | 286 | -.223 | .073 | .029 | -.585 | 3330 | 336 | -.089 | .040 | -.102 | -.294 |
| 3330 | 237 | 345 | .154 | .861 | .185 | 3330 | 287 | -.206 | .070 | .083 | -.548 | 3330 | 337 | -.114 | .057 | -.107 | -.465 |
| 3330 | 238 | 318 | .145 | .857 | .074 | 3330 | 288 | -.134 | .086 | .201 | -.548 | 3330 | 338 | -.035 | .069 | -.334 | -.220 |
| 3330 | 239 | 373 | .141 | .835 | .131 | 3330 | 289 | -.117 | .076 | .287 | -.398 | 3330 | 339 | -.053 | .076 | -.309 | -.259 |
| 3330 | 240 | 395 | .123 | .036 | .363 | 3330 | 290 | -.118 | .071 | .284 | -.379 | 3330 | 340 | -.101 | .066 | -.162 | -.360 |
| 3330 | 241 | 382 | .101 | .015 | .843 | 3330 | 291 | -.092 | .069 | .169 | -.320 | 3330 | 341 | -.090 | .068 | -.159 | -.399 |
| 3330 | 242 | 373 | .095 | .019 | .971 | 3330 | 292 | -.107 | .070 | .159 | -.492 | 3330 | 342 | -.073 | .066 | -.169 | -.347 |
| 3330 | 243 | 381 | .084 | .157 | .869 | 3330 | 293 | -.224 | .127 | .080 | -.897 | 3330 | 343 | -.035 | .066 | -.253 | -.287 |
| 3330 | 244 | 374 | .074 | .185 | .803 | 3330 | 294 | -.090 | .065 | .191 | -.374 | 3330 | 344 | -.021 | .103 | -.567 | -.232 |
| 3330 | 245 | 366 | .083 | .150 | .957 | 3330 | 295 | -.022 | .078 | .422 | -.192 | 3330 | 345 | -.016 | .099 | -.668 | -.310 |
| 3330 | 246 | 330 | .066 | .128 | .658 | 3330 | 296 | -.171 | .105 | .615 | -.109 | 3330 | 346 | -.018 | .086 | -.503 | -.364 |
| 3330 | 247 | 419 | .106 | .028 | .147 | 3330 | 297 | -.227 | .118 | .851 | -.002 | 3330 | 347 | -.092 | .093 | -.289 | -.433 |
| 3330 | 248 | 057 | .146 | .453 | .836 | 3330 | 298 | -.045 | .069 | .375 | -.182 | 3330 | 348 | -.052 | .070 | -.253 | -.340 |
| 3330 | 249 | 122 | .148 | .448 | .822 | 3330 | 299 | -.008 | .072 | .355 | -.251 | 3330 | 349 | -.014 | .075 | -.334 | -.242 |
| 3330 | 250 | 255 | .137 | .125 | .092 | 3330 | 300 | -.194 | .043 | .055 | -.406 | 3330 | 350 | -.087 | .067 | -.198 | -.357 |
| 3330 | 251 | 243 | .133 | .078 | .057 | 3330 | 301 | -.315 | .090 | .079 | -.894 | 3330 | 351 | -.088 | .063 | -.149 | -.389 |
| 3330 | 252 | 301 | .144 | .076 | .078 | 3330 | 302 | -.150 | .060 | .100 | -.398 | 3330 | 352 | -.083 | .063 | -.157 | -.391 |
| 3330 | 253 | 502 | .180 | .107 | .451 | 3330 | 303 | -.054 | .065 | .431 | -.315 | 3330 | 353 | -.076 | .063 | -.157 | -.323 |
| 3330 | 254 | 213 | .128 | .268 | .772 | 3330 | 304 | -.065 | .112 | .412 | -.619 | 3330 | 401 | -.336 | .093 | -.070 | -.812 |
| 3330 | 255 | 021 | .120 | .522 | .394 | 3330 | 305 | -.105 | .049 | .085 | -.298 | 3330 | 402 | -.336 | .087 | -.037 | -.887 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|
| 3330 | 403 | .361 | .081 | .146 | .743 | 3330 | 453 | .108 | .060 | .218 | .337 | 3330 | 536 | .329 | .092 | .119 | -.183 |
| 3330 | 404 | .340 | .075 | .119 | .762 | 3330 | 454 | .121 | .058 | .090 | .421 | 3330 | 537 | .245 | .347 | .001 | -.288 |
| 3330 | 405 | .333 | .070 | .128 | .691 | 3330 | 455 | .106 | .060 | .175 | .393 | 3330 | 538 | .271 | .365 | .285 | -.222 |
| 3330 | 406 | .339 | .064 | .158 | .631 | 3330 | 456 | .112 | .063 | .091 | .386 | 3330 | 539 | .927 | .344 | .052 | -.240 |
| 3330 | 407 | .320 | .062 | .165 | .612 | 3330 | 457 | .084 | .062 | .148 | .305 | 3330 | 540 | .700 | .208 | .045 | -.177 |
| 3330 | 408 | .310 | .058 | .123 | .656 | 3330 | 458 | .079 | .058 | .204 | .273 | 3330 | 541 | .516 | .151 | .064 | -.154 |
| 3330 | 409 | .326 | .059 | .163 | .666 | 3330 | 459 | .112 | .071 | .209 | .379 | 3330 | 542 | .378 | .113 | .033 | -.911 |
| 3330 | 410 | .299 | .065 | .140 | .822 | 3330 | 460 | .088 | .062 | .207 | .312 | 3330 | 543 | .331 | .085 | .054 | -.723 |
| 3330 | 411 | .294 | .055 | .133 | .709 | 3330 | 461 | .097 | .060 | .165 | .396 | 3330 | 544 | .322 | .066 | .154 | -.668 |
| 3330 | 412 | .302 | .056 | .121 | .573 | 3330 | 462 | .079 | .101 | .337 | .546 | 3330 | 545 | .323 | .077 | .117 | -.846 |
| 3330 | 413 | .299 | .060 | .130 | .738 | 3330 | 463 | .005 | .075 | .433 | .273 | 3330 | 546 | .068 | .306 | .249 | -.261 |
| 3330 | 414 | .300 | .058 | .130 | .663 | 3330 | 464 | .017 | .081 | .328 | .381 | 3330 | 547 | .117 | .347 | .121 | -.287 |
| 3330 | 415 | .292 | .050 | .146 | .636 | 3330 | 465 | .052 | .086 | .650 | .214 | 3330 | 548 | .846 | .312 | .033 | -.243 |
| 3330 | 416 | .318 | .069 | .089 | .723 | 3330 | 466 | .053 | .095 | .507 | .194 | 3330 | 549 | .641 | .202 | .056 | -.170 |
| 3330 | 417 | .298 | .064 | .111 | .698 | 3330 | 467 | .037 | .093 | .674 | .197 | 3330 | 550 | .492 | .128 | .016 | -.155 |
| 3330 | 418 | .305 | .066 | .124 | .689 | 3330 | 501 | .852 | .491 | .496 | .068 | 3330 | 551 | .376 | .101 | .107 | -.964 |
| 3330 | 419 | .303 | .076 | .099 | .989 | 3330 | 502 | .281 | .340 | .356 | .282 | 3330 | 552 | .333 | .081 | .091 | -.094 |
| 3330 | 420 | .326 | .073 | .131 | .709 | 3330 | 503 | .709 | .132 | .370 | .376 | 3330 | 553 | .324 | .069 | .114 | -.796 |
| 3330 | 421 | .335 | .064 | .121 | .743 | 3330 | 504 | .643 | .092 | .275 | .014 | 3330 | 554 | .319 | .070 | .072 | -.289 |
| 3330 | 422 | .317 | .066 | .168 | .665 | 3330 | 505 | .665 | .151 | .256 | .510 | 3330 | 555 | .944 | .271 | .313 | -.280 |
| 3330 | 423 | .306 | .061 | .067 | .610 | 3330 | 506 | .774 | .245 | .040 | .618 | 3330 | 556 | .955 | .295 | .089 | -.260 |
| 3330 | 424 | .321 | .058 | .148 | .585 | 3330 | 507 | .524 | .148 | .096 | .276 | 3330 | 557 | .759 | .257 | .194 | -.208 |
| 3330 | 425 | .152 | .045 | .078 | .300 | 3330 | 508 | .384 | .092 | .145 | .749 | 3330 | 558 | .585 | .185 | .182 | -.820 |
| 3330 | 426 | .181 | .044 | .013 | .684 | 3330 | 509 | .377 | .093 | .119 | .981 | 3330 | 559 | .453 | .113 | .126 | -.143 |
| 3330 | 427 | .191 | .051 | .023 | .622 | 3330 | 510 | .604 | .348 | .549 | .825 | 3330 | 560 | .359 | .076 | .121 | -.770 |
| 3330 | 428 | .243 | .040 | .116 | .406 | 3330 | 511 | .557 | .349 | .500 | .869 | 3330 | 561 | .314 | .067 | .119 | -.786 |
| 3330 | 429 | .233 | .044 | .092 | .436 | 3330 | 512 | .971 | .337 | .282 | .389 | 3330 | 562 | .302 | .052 | .126 | -.665 |
| 3330 | 430 | .198 | .049 | .028 | .396 | 3330 | 513 | .735 | .121 | .261 | .223 | 3330 | 563 | .305 | .053 | .140 | -.702 |
| 3330 | 431 | .174 | .050 | .004 | .355 | 3330 | 514 | .664 | .130 | .252 | .067 | 3330 | 564 | .834 | .258 | .054 | -.240 |
| 3330 | 432 | .217 | .053 | .001 | .460 | 3330 | 515 | .451 | .110 | .117 | .174 | 3330 | 565 | .789 | .264 | .028 | -.988 |
| 3330 | 433 | .230 | .044 | .030 | .509 | 3330 | 516 | .367 | .091 | .119 | .381 | 3330 | 566 | .615 | .267 | .019 | -.214 |
| 3330 | 434 | .234 | .046 | .030 | .568 | 3330 | 517 | .356 | .084 | .043 | .874 | 3330 | 567 | .458 | .140 | .096 | -.385 |
| 3330 | 435 | .223 | .042 | .103 | .440 | 3330 | 518 | .363 | .076 | .117 | .844 | 3330 | 568 | .379 | .078 | .107 | -.908 |
| 3330 | 436 | .193 | .054 | .095 | .389 | 3330 | 519 | .410 | .295 | .344 | .037 | 3330 | 569 | .287 | .055 | .105 | -.572 |
| 3330 | 437 | .203 | .046 | .031 | .350 | 3330 | 520 | .451 | .288 | .317 | .025 | 3330 | 570 | .259 | .044 | .121 | -.532 |
| 3330 | 438 | .221 | .053 | .031 | .421 | 3330 | 521 | .150 | .345 | .194 | .421 | 3330 | 571 | .261 | .041 | .152 | -.457 |
| 3330 | 439 | .272 | .037 | .168 | .455 | 3330 | 522 | .821 | .201 | .140 | .734 | 3330 | 572 | .271 | .043 | .128 | -.499 |
| 3330 | 440 | .282 | .041 | .141 | .497 | 3330 | 523 | .603 | .144 | .099 | .202 | 3330 | 573 | .282 | .056 | .062 | -.652 |
| 3330 | 441 | .296 | .038 | .050 | .485 | 3330 | 524 | .395 | .120 | .001 | .072 | 3330 | 574 | .346 | .059 | .170 | -.659 |
| 3330 | 442 | .273 | .046 | .033 | .458 | 3330 | 525 | .339 | .093 | .096 | .921 | 3330 | 575 | .271 | .038 | .143 | -.433 |
| 3330 | 443 | .274 | .060 | .034 | .443 | 3330 | 526 | .328 | .080 | .101 | .963 | 3330 | 576 | .614 | .226 | .122 | -.174 |
| 3330 | 444 | .133 | .109 | .513 | .382 | 3330 | 527 | .340 | .095 | .112 | .448 | 3330 | 577 | .369 | .269 | .014 | -.627 |
| 3330 | 445 | .193 | .095 | .314 | .541 | 3330 | 528 | .332 | .349 | .212 | .867 | 3330 | 578 | .339 | .199 | .110 | -.597 |
| 3330 | 446 | .238 | .071 | .078 | .497 | 3330 | 529 | .368 | .364 | .046 | .844 | 3330 | 579 | .250 | .056 | .024 | -.639 |
| 3330 | 447 | .240 | .049 | .069 | .441 | 3330 | 530 | .055 | .386 | .036 | .426 | 3330 | 580 | .244 | .040 | .082 | -.445 |
| 3330 | 448 | .080 | .063 | .167 | .305 | 3330 | 531 | .781 | .223 | .036 | .764 | 3330 | 581 | .271 | .042 | .119 | -.507 |
| 3330 | 449 | .077 | .062 | .147 | .276 | 3330 | 532 | .547 | .156 | .061 | .318 | 3330 | 582 | .241 | .042 | .082 | -.406 |
| 3330 | 450 | .113 | .061 | .125 | .419 | 3330 | 533 | .373 | .123 | .101 | .123 | 3330 | 583 | .276 | .041 | .131 | -.502 |
| 3330 | 451 | .111 | .066 | .110 | .487 | 3330 | 534 | .329 | .162 | .008 | .116 | 3330 | 584 | .228 | .037 | .111 | -.406 |
| 3330 | 452 | .112 | .058 | .100 | .362 | 3330 | 535 | .318 | .082 | .096 | .749 | 3330 | 585 | .217 | .045 | .087 | -.406 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|
| 3330 | 586 | .219 | .050 | .057 | .465 | 3330 | 717 | .217 | .138 | .831 | .210 | 3330 | 767 | .290 | .046 | .126 | .498 |
| 3330 | 587 | .224 | .040 | .099 | .470 | 3330 | 718 | .102 | .142 | .812 | .373 | 3330 | 801 | .197 | .029 | .094 | .302 |
| 3330 | 588 | .221 | .041 | .062 | .573 | 3330 | 719 | .100 | .121 | .575 | .310 | 3330 | 802 | .211 | .033 | .097 | .334 |
| 3330 | 589 | .227 | .033 | .124 | .374 | 3330 | 720 | .172 | .120 | .723 | .184 | 3330 | 803 | .346 | .042 | .236 | .588 |
| 3330 | 590 | .209 | .030 | .111 | .318 | 3330 | 721 | .015 | .104 | .591 | .328 | 3330 | 804 | .221 | .044 | .030 | .481 |
| 3330 | 591 | .193 | .030 | .089 | .325 | 3330 | 722 | .032 | .102 | .393 | .311 | 3330 | 805 | .209 | .060 | .016 | .693 |
| 3330 | 592 | .237 | .051 | .111 | .981 | 3330 | 723 | .087 | .096 | .539 | .282 | 3330 | 901 | .183 | .053 | .227 | .578 |
| 3330 | 593 | .260 | .053 | .111 | .885 | 3330 | 724 | .004 | .089 | .486 | .304 | 3330 | 902 | .262 | .082 | .066 | .396 |
| 3330 | 594 | .114 | .023 | .035 | .669 | 3330 | 725 | .039 | .088 | .361 | .413 | 3330 | 903 | .320 | .082 | .038 | .714 |
| 3330 | 595 | .047 | .030 | .044 | .711 | 3330 | 726 | .004 | .065 | .406 | .377 | 3330 | 904 | .521 | .142 | .153 | .672 |
| 3330 | 596 | .047 | .116 | .082 | .472 | 3330 | 727 | .082 | .077 | .365 | .431 | 3330 | 905 | .963 | .171 | .363 | .655 |
| 3330 | 597 | .045 | .091 | .091 | .391 | 3330 | 728 | .001 | .119 | .697 | .236 | 3330 | 906 | .245 | .096 | .121 | .626 |
| 3330 | 598 | .042 | .050 | .067 | .389 | 3330 | 729 | .006 | .107 | .599 | .249 | 3330 | 907 | .287 | .086 | .052 | .749 |
| 3330 | 599 | .211 | .048 | .067 | .570 | 3330 | 730 | .043 | .078 | .359 | .293 | 3330 | 908 | .705 | .166 | .190 | .358 |
| 3330 | 600 | .194 | .046 | .024 | .497 | 3330 | 731 | .032 | .069 | .323 | .428 | 3330 | 909 | .878 | .146 | .111 | .422 |
| 3330 | 601 | .393 | .039 | .047 | .423 | 3330 | 732 | .038 | .084 | .303 | .386 | 3330 | 910 | .538 | .151 | .033 | .115 |
| 3330 | 602 | .393 | .034 | .067 | .470 | 3330 | 733 | .024 | .087 | .446 | .401 | 3330 | 911 | .333 | .106 | .006 | .203 |
| 3330 | 603 | .203 | .034 | .091 | .393 | 3330 | 734 | .040 | .077 | .271 | .485 | 3330 | 912 | .851 | .149 | .170 | .337 |
| 3330 | 604 | .203 | .027 | .113 | .306 | 3330 | 735 | .055 | .069 | .305 | .273 | 3330 | 913 | .280 | .052 | .123 | .505 |
| 3330 | 605 | .199 | .026 | .088 | .301 | 3330 | 736 | .039 | .069 | .384 | .238 | 3330 | 914 | .333 | .079 | .123 | .813 |
| 3330 | 606 | .468 | .029 | .084 | .301 | 3330 | 737 | .039 | .069 | .384 | .219 | 3330 | 915 | .475 | .161 | .126 | .240 |
| 3330 | 607 | .468 | .204 | .032 | .679 | 3330 | 738 | .031 | .065 | .451 | .221 | 3330 | 916 | .475 | .164 | .022 | .397 |
| 3330 | 608 | .220 | .182 | .080 | .469 | 3330 | 739 | .009 | .060 | .347 | .140 | 3330 | 917 | .235 | .135 | .919 | .094 |
| 3330 | 609 | .188 | .131 | .019 | .195 | 3330 | 740 | .049 | .081 | .569 | .130 | 3330 | 918 | .114 | .083 | .476 | .131 |
| 3330 | 610 | .188 | .051 | .020 | .611 | 3330 | 741 | .041 | .072 | .419 | .221 | 3330 | 919 | .694 | .132 | .167 | .175 |
| 3330 | 611 | .188 | .047 | .023 | .477 | 3330 | 742 | .029 | .078 | .431 | .379 | 3330 | 920 | .388 | .078 | .163 | .816 |
| 3330 | 612 | .205 | .037 | .045 | .460 | 3330 | 743 | .040 | .077 | .432 | .201 | 3330 | 921 | .352 | .150 | .183 | .972 |
| 3330 | 613 | .215 | .033 | .037 | .360 | 3330 | 744 | .046 | .078 | .456 | .181 | 3330 | 922 | .436 | .167 | .133 | .122 |
| 3330 | 614 | .192 | .030 | .128 | .396 | 3330 | 745 | .043 | .069 | .312 | .223 | 3330 | 923 | .806 | .139 | .246 | .427 |
| 3330 | 615 | .192 | .028 | .069 | .306 | 3330 | 746 | .046 | .069 | .327 | .164 | 3330 | 924 | .767 | .124 | .363 | .323 |
| 3330 | 616 | .191 | .028 | .088 | .296 | 3330 | 747 | .003 | .064 | .281 | .354 | 3330 | 925 | .214 | .135 | .884 | .111 |
| 3330 | 617 | .191 | .029 | .069 | .306 | 3330 | 748 | .072 | .121 | .741 | .371 | 3330 | 926 | .419 | .097 | .194 | .899 |
| 3330 | 618 | .196 | .032 | .088 | .350 | 3330 | 749 | .115 | .140 | .903 | .347 | 3330 | 927 | .427 | .190 | .389 | .104 |
| 3330 | 619 | .393 | .035 | .047 | .472 | 3330 | 750 | .005 | .134 | .628 | .445 | 3330 | 928 | .743 | .138 | .326 | .397 |
| 3330 | 701 | .157 | .866 | .261 | .173 | 3330 | 751 | .100 | .101 | .433 | .378 | 3330 | 929 | .664 | .101 | .296 | .063 |
| 3330 | 702 | .147 | .868 | .173 | .173 | 3330 | 752 | .084 | .122 | .615 | .389 | 3330 | 930 | .075 | .094 | .586 | .145 |
| 3330 | 703 | .421 | .159 | .336 | .301 | 3330 | 753 | .022 | .073 | .325 | .280 | 3330 | 931 | .305 | .097 | .014 | .865 |
| 3330 | 704 | .190 | .179 | .194 | .194 | 3330 | 754 | .026 | .096 | .492 | .352 | 3330 | 932 | .036 | .063 | .280 | .260 |
| 3330 | 705 | .564 | .177 | .137 | .103 | 3330 | 755 | .020 | .110 | .579 | .344 | 3330 | 933 | .151 | .048 | .016 | .312 |
| 3330 | 706 | .421 | .162 | .978 | .469 | 3330 | 756 | .034 | .073 | .291 | .246 | 3330 | 934 | .226 | .043 | .023 | .380 |
| 3330 | 707 | .475 | .205 | .097 | .273 | 3330 | 757 | .019 | .094 | .524 | .251 | 3330 | 935 | .007 | .070 | .376 | .224 |
| 3330 | 708 | .506 | .183 | .160 | .131 | 3330 | 758 | .011 | .087 | .443 | .258 | 3330 | 936 | .061 | .089 | .481 | .202 |
| 3330 | 709 | .251 | .180 | .761 | .775 | 3330 | 759 | .052 | .083 | .378 | .400 | 3330 | 937 | .190 | .089 | .253 | .972 |
| 3330 | 710 | .389 | .188 | .881 | .241 | 3330 | 760 | .024 | .098 | .481 | .243 | 3330 | 938 | .081 | .053 | .146 | .253 |
| 3330 | 711 | .389 | .194 | .020 | .397 | 3330 | 761 | .020 | .100 | .486 | .282 | 3330 | 939 | .046 | .099 | .390 | .395 |
| 3330 | 712 | .175 | .185 | .927 | .623 | 3330 | 762 | .251 | .042 | .126 | .446 | 3330 | 940 | .118 | .053 | .104 | .461 |
| 3330 | 713 | .231 | .190 | .826 | .338 | 3330 | 763 | .237 | .041 | .116 | .434 | 3330 | 941 | .265 | .105 | .004 | .865 |
| 3330 | 714 | .264 | .168 | .833 | .345 | 3330 | 764 | .268 | .042 | .148 | .500 | 3330 | 942 | .023 | .091 | .510 | .270 |
| 3330 | 715 | .152 | .169 | .742 | .455 | 3330 | 765 | .283 | .044 | .172 | .461 | 3330 | 943 | .103 | .058 | .136 | .314 |
| 3330 | 716 | .187 | .152 | .810 | .257 | 3330 | 766 | .028 | .088 | .534 | .214 | 3330 | 944 | .077 | .052 | .158 | .246 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 330 | 945 | -.177 | .039 | .011 | -.312 | 340 | 141 | -.478 | .127 | -.109 | -1.273 | 340 | 191 | -.537 | .217 | .121 | -2.072 |
| 330 | 946 | -.055 | .058 | .239 | -.366 | 340 | 142 | -.516 | .134 | -.135 | -1.157 | 340 | 192 | -.602 | .198 | .016 | -1.411 |
| 330 | 947 | -.179 | .041 | .011 | -.400 | 340 | 143 | -.557 | .170 | -.097 | -1.415 | 340 | 193 | -.642 | .233 | .232 | -1.831 |
| 330 | 948 | -.229 | .064 | -.033 | -.547 | 340 | 144 | -.549 | .175 | -.147 | -1.595 | 340 | 194 | -.379 | .139 | .138 | -.939 |
| 330 | 949 | -.154 | .053 | .190 | -.344 | 340 | 145 | -.546 | .170 | -.142 | -1.808 | 340 | 195 | .046 | .129 | .602 | -.380 |
| 330 | 950 | -.109 | .056 | .141 | -.331 | 340 | 146 | -.561 | .160 | -.171 | -1.356 | 340 | 196 | .395 | .142 | .880 | -.027 |
| 330 | 951 | -.119 | .055 | .116 | -.336 | 340 | 147 | -.282 | .180 | -.351 | -.934 | 340 | 197 | .571 | .165 | 1.091 | -.090 |
| 330 | 952 | -.146 | .065 | .097 | -.500 | 340 | 148 | -.062 | .332 | -.890 | -.969 | 340 | 198 | .578 | .166 | 1.082 | -.048 |
| 330 | 953 | -.089 | .049 | .182 | -.292 | 340 | 149 | -.462 | .321 | -.764 | -1.302 | 340 | 199 | .555 | .170 | 1.079 | -.080 |
| 330 | 954 | -.063 | .054 | .214 | -.273 | 340 | 150 | -.845 | .210 | -.231 | -1.906 | 340 | 200 | -.530 | .189 | .041 | -1.668 |
| 340 | 101 | -.470 | .082 | -.154 | -.722 | 340 | 151 | -.659 | .131 | -.244 | -1.185 | 340 | 201 | -.523 | .173 | .041 | -1.390 |
| 340 | 102 | -.468 | .144 | .019 | -.186 | 340 | 152 | -.626 | .141 | -.150 | -1.226 | 340 | 202 | -.460 | .145 | -.018 | -1.249 |
| 340 | 103 | -.504 | .149 | -.038 | -.169 | 340 | 153 | -.639 | .144 | -.171 | -1.630 | 340 | 203 | -.572 | .188 | -.172 | -1.752 |
| 340 | 104 | -.563 | .162 | .086 | -.309 | 340 | 154 | -.164 | .105 | -.194 | -.514 | 340 | 204 | -.605 | .200 | -.158 | -1.710 |
| 340 | 105 | -.777 | .222 | .206 | -.689 | 340 | 155 | .121 | .108 | .622 | -.259 | 340 | 205 | -.613 | .208 | -.167 | -1.829 |
| 340 | 106 | -.880 | .294 | .111 | -.063 | 340 | 156 | .439 | .124 | .817 | -.049 | 340 | 206 | -.483 | .150 | -.094 | -1.132 |
| 340 | 107 | -.342 | .309 | 1.019 | -.551 | 340 | 157 | .608 | .143 | 1.121 | -.012 | 340 | 207 | -.483 | .184 | .259 | -1.287 |
| 340 | 108 | -.078 | .395 | .984 | -.051 | 340 | 158 | .647 | .165 | 1.194 | .052 | 340 | 208 | -.200 | .269 | .740 | -1.165 |
| 340 | 109 | -.259 | .284 | .801 | -.906 | 340 | 159 | .625 | .175 | 1.154 | .040 | 340 | 209 | -.378 | .279 | .506 | -1.170 |
| 340 | 110 | -.671 | .179 | .335 | -.342 | 340 | 160 | -.541 | .170 | -.093 | -1.606 | 340 | 210 | -.534 | .222 | .074 | -1.345 |
| 340 | 111 | -.694 | .115 | .332 | -.152 | 340 | 161 | -.523 | .157 | -.072 | -1.243 | 340 | 211 | -.502 | .202 | .076 | -1.256 |
| 340 | 112 | -.690 | .111 | .365 | -.266 | 340 | 162 | -.520 | .152 | -.076 | -1.236 | 340 | 212 | -.565 | .197 | .055 | -1.277 |
| 340 | 113 | -.626 | .162 | .336 | -.183 | 340 | 163 | -.529 | .168 | -.095 | -1.511 | 340 | 213 | -.661 | .185 | -.085 | -1.441 |
| 340 | 114 | -.617 | .103 | .282 | -.996 | 340 | 164 | -.538 | .173 | -.188 | -1.476 | 340 | 214 | -.298 | .052 | -.108 | -.464 |
| 340 | 115 | -.059 | .092 | .364 | -.405 | 340 | 165 | -.562 | .173 | -.200 | -1.487 | 340 | 215 | -.041 | .112 | .405 | -.465 |
| 340 | 116 | -.079 | .102 | .451 | -.256 | 340 | 166 | -.473 | .135 | -.079 | -1.174 | 340 | 216 | .285 | .139 | .800 | -.149 |
| 340 | 117 | .192 | .117 | .657 | -.223 | 340 | 167 | -.407 | .189 | -.118 | -1.426 | 340 | 217 | .471 | .168 | 1.173 | -.083 |
| 340 | 118 | .233 | .127 | .626 | -.176 | 340 | 168 | -.130 | .324 | .791 | -1.395 | 340 | 218 | .510 | .163 | .994 | -.054 |
| 340 | 119 | .324 | .145 | .749 | -.187 | 340 | 169 | -.458 | .318 | .684 | -1.388 | 340 | 219 | .438 | .169 | .974 | -.162 |
| 340 | 120 | .348 | .158 | .116 | -.512 | 340 | 170 | -.647 | .218 | .106 | -1.502 | 340 | 220 | -.426 | .147 | -.074 | -1.472 |
| 340 | 121 | .677 | .210 | .213 | -.758 | 340 | 171 | -.568 | .187 | .083 | -1.174 | 340 | 221 | -.419 | .139 | -.058 | -1.149 |
| 340 | 122 | .530 | .224 | .080 | -.271 | 340 | 172 | -.617 | .189 | .047 | -1.338 | 340 | 222 | -.444 | .141 | -.013 | -1.093 |
| 340 | 123 | .264 | .332 | 1.055 | -.942 | 340 | 173 | -.605 | .196 | .052 | -1.435 | 340 | 223 | -.464 | .156 | -.018 | -1.449 |
| 340 | 124 | .344 | .289 | .733 | -.011 | 340 | 174 | -.232 | .136 | .299 | -.689 | 340 | 224 | -.622 | .216 | -.169 | -1.766 |
| 340 | 125 | .694 | .118 | .317 | -.188 | 340 | 175 | -.080 | .118 | .536 | -.362 | 340 | 225 | -.607 | .217 | -.181 | -2.404 |
| 340 | 126 | .657 | .107 | .329 | -.089 | 340 | 176 | .462 | .147 | 1.014 | -.088 | 340 | 226 | -.486 | .149 | -.113 | -1.266 |
| 340 | 127 | .622 | .111 | .232 | -.110 | 340 | 177 | .616 | .172 | 1.118 | -.034 | 340 | 227 | -.484 | .183 | .172 | -1.242 |
| 340 | 128 | .161 | .091 | .158 | -.495 | 340 | 178 | .638 | .170 | 1.125 | .049 | 340 | 228 | -.195 | .256 | .520 | -1.450 |
| 340 | 129 | .047 | .100 | .387 | -.258 | 340 | 179 | .590 | .172 | 1.147 | .042 | 340 | 229 | -.312 | .284 | .553 | -1.177 |
| 340 | 130 | .569 | .196 | .180 | -.222 | 340 | 180 | -.554 | .194 | 1.024 | -1.699 | 340 | 230 | -.484 | .231 | .326 | -1.336 |
| 340 | 131 | .602 | .241 | .154 | -.032 | 340 | 181 | -.539 | .187 | .030 | -1.585 | 340 | 231 | -.473 | .225 | .104 | -1.357 |
| 340 | 132 | .499 | .182 | .085 | -.488 | 340 | 182 | -.531 | .171 | -.069 | -1.283 | 340 | 232 | -.498 | .212 | .146 | -1.234 |
| 340 | 133 | .286 | .374 | 1.199 | -.999 | 340 | 183 | -.532 | .162 | -.084 | -1.400 | 340 | 233 | -.586 | .209 | .101 | -1.452 |
| 340 | 134 | .182 | .357 | .064 | -.105 | 340 | 184 | -.554 | .190 | -.157 | -1.772 | 340 | 234 | -.325 | .141 | .240 | -.878 |
| 340 | 135 | .795 | .170 | .044 | -.642 | 340 | 185 | -.580 | .190 | -.145 | -1.661 | 340 | 235 | -.047 | .113 | .332 | -.506 |
| 340 | 136 | .607 | .122 | .234 | -.078 | 340 | 186 | -.494 | .148 | -.136 | -1.426 | 340 | 236 | -.231 | .149 | .728 | -.358 |
| 340 | 137 | .580 | .122 | .234 | -.078 | 340 | 187 | -.454 | .195 | -.109 | -1.357 | 340 | 237 | .376 | .173 | 1.074 | -.266 |
| 340 | 138 | .093 | .083 | .353 | -.597 | 340 | 188 | -.152 | .312 | .817 | -1.281 | 340 | 238 | .402 | .188 | .996 | -.205 |
| 340 | 139 | .039 | .101 | .392 | -.287 | 340 | 189 | -.391 | .331 | .662 | -1.459 | 340 | 239 | .368 | .167 | .987 | -.370 |
| 340 | 140 | .501 | .136 | -.128 | -.193 | 340 | 190 | -.595 | .260 | .159 | -1.882 | 340 | 240 | -.421 | .160 | .002 | -1.462 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPHIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPHIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPHIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 340 | 241 | 414 | .162 | .073 | -1.372 | 340 | 291 | 169 | .076 | .151 | -544 | 340 | 341 | 176 | .074 | .102 | -519 |
| 340 | 242 | 431 | .149 | .054 | -1.236 | 340 | 292 | 183 | .078 | .166 | -595 | 340 | 342 | 163 | .063 | .080 | -414 |
| 340 | 243 | 303 | .155 | .118 | -1.243 | 340 | 293 | 366 | .195 | .127 | -1.338 | 340 | 343 | 128 | .071 | .205 | -461 |
| 340 | 244 | 358 | .177 | .151 | -1.372 | 340 | 294 | 162 | .077 | .149 | -465 | 340 | 344 | 062 | .101 | .694 | -371 |
| 340 | 245 | 350 | .183 | .167 | -1.518 | 340 | 295 | 049 | .073 | .326 | -266 | 340 | 345 | 080 | .090 | .588 | -325 |
| 340 | 246 | 440 | .132 | .056 | -1.097 | 340 | 296 | 180 | .116 | .707 | -103 | 340 | 346 | 118 | .080 | .308 | -390 |
| 340 | 247 | 482 | .164 | .052 | -1.415 | 340 | 297 | 262 | .143 | 1.041 | -041 | 340 | 347 | 189 | .093 | .243 | -591 |
| 340 | 248 | 162 | .203 | .438 | -1.076 | 340 | 298 | 073 | .086 | .470 | -137 | 340 | 348 | 148 | .065 | .092 | -466 |
| 340 | 249 | 243 | .215 | .544 | -1.059 | 340 | 299 | 036 | .087 | .468 | -216 | 340 | 349 | 111 | .074 | .269 | -452 |
| 340 | 250 | 406 | .215 | .097 | -1.438 | 340 | 300 | 218 | .044 | .091 | -470 | 340 | 350 | 168 | .069 | .075 | -574 |
| 340 | 251 | 386 | .193 | .080 | -1.436 | 340 | 301 | 305 | .070 | .139 | -669 | 340 | 351 | 173 | .071 | .126 | -570 |
| 340 | 252 | 486 | .199 | .030 | -1.304 | 340 | 302 | 191 | .032 | .022 | -422 | 340 | 352 | 168 | .070 | .104 | -522 |
| 340 | 253 | 374 | .224 | .158 | -1.669 | 340 | 303 | 096 | .078 | .321 | -345 | 340 | 353 | 162 | .070 | .140 | -443 |
| 340 | 254 | 311 | .136 | .219 | -1.110 | 340 | 304 | 115 | .110 | .348 | -563 | 340 | 401 | 434 | .146 | .015 | -1.334 |
| 340 | 255 | 066 | .103 | .330 | -1.556 | 340 | 305 | 169 | .034 | .034 | -432 | 340 | 402 | 424 | .140 | .061 | -1.194 |
| 340 | 256 | 129 | .123 | .633 | -1.304 | 340 | 306 | 191 | .032 | .005 | -444 | 340 | 403 | 440 | .138 | .073 | -1.257 |
| 340 | 257 | 296 | .176 | .862 | -1.322 | 340 | 307 | 207 | .060 | .048 | -571 | 340 | 404 | 460 | .127 | .117 | -1.093 |
| 340 | 258 | 286 | .178 | 1.076 | -1.287 | 340 | 308 | 180 | .059 | .012 | -527 | 340 | 405 | 448 | .123 | .122 | -1.213 |
| 340 | 259 | 249 | .170 | .899 | -1.341 | 340 | 309 | 194 | .055 | .003 | -637 | 340 | 406 | 446 | .120 | .155 | -960 |
| 340 | 260 | 348 | .118 | .082 | -1.078 | 340 | 310 | 219 | .041 | .060 | -369 | 340 | 407 | 469 | .134 | .083 | -1.201 |
| 340 | 261 | 327 | .096 | .016 | -1.925 | 340 | 311 | 223 | .043 | .029 | -429 | 340 | 408 | 445 | .119 | .122 | -1.018 |
| 340 | 262 | 375 | .114 | .099 | -1.052 | 340 | 312 | 232 | .030 | .060 | -470 | 340 | 409 | 444 | .119 | .174 | -998 |
| 340 | 263 | 457 | .134 | .144 | -1.299 | 340 | 313 | 324 | .087 | .137 | -734 | 340 | 410 | 456 | .139 | .133 | -1.337 |
| 340 | 264 | 310 | .156 | .099 | -1.420 | 340 | 314 | 188 | .057 | .062 | -561 | 340 | 411 | 421 | .124 | .128 | -1.023 |
| 340 | 265 | 532 | .166 | .191 | -1.530 | 340 | 315 | 131 | .102 | .362 | -628 | 340 | 412 | 433 | .127 | .155 | -1.021 |
| 340 | 266 | 436 | .116 | .127 | -1.935 | 340 | 316 | 173 | .054 | .038 | -420 | 340 | 413 | 435 | .141 | .092 | -1.384 |
| 340 | 267 | 474 | .144 | .026 | -1.177 | 340 | 317 | 173 | .050 | .014 | -472 | 340 | 414 | 427 | .132 | .070 | -1.032 |
| 340 | 268 | 200 | .139 | .372 | -1.017 | 340 | 318 | 151 | .042 | .053 | -352 | 340 | 415 | 427 | .134 | .104 | -1.258 |
| 340 | 269 | 172 | .156 | .436 | -1.927 | 340 | 319 | 147 | .043 | .010 | -324 | 340 | 416 | 423 | .142 | .062 | -1.383 |
| 340 | 270 | 296 | .163 | .099 | -1.307 | 340 | 320 | 139 | .051 | .194 | -297 | 340 | 417 | 408 | .128 | .072 | -1.102 |
| 340 | 271 | 304 | .167 | .111 | -1.441 | 340 | 321 | 144 | .046 | .120 | -338 | 340 | 418 | 422 | .131 | .081 | -1.205 |
| 340 | 272 | 352 | .187 | .132 | -1.172 | 340 | 322 | 245 | .046 | .105 | -463 | 340 | 419 | 370 | .120 | .023 | -1.154 |
| 340 | 273 | 490 | .221 | .052 | -1.540 | 340 | 323 | 269 | .068 | .093 | -738 | 340 | 420 | 397 | .119 | .057 | -1.214 |
| 340 | 274 | 208 | .109 | .104 | -1.732 | 340 | 324 | 263 | .081 | .072 | -729 | 340 | 421 | 398 | .116 | .050 | -938 |
| 340 | 275 | 057 | .094 | .325 | -1.490 | 340 | 325 | 166 | .049 | .033 | -441 | 340 | 422 | 354 | .102 | .084 | -1.094 |
| 340 | 276 | 093 | .110 | .617 | -1.304 | 340 | 326 | 116 | .101 | .405 | -453 | 340 | 423 | 343 | .086 | .077 | -758 |
| 340 | 277 | 196 | .143 | .909 | -1.278 | 340 | 327 | 143 | .051 | .100 | -319 | 340 | 424 | 356 | .091 | .096 | -850 |
| 340 | 278 | 172 | .140 | .688 | -1.271 | 340 | 328 | 145 | .047 | .066 | -335 | 340 | 425 | 178 | .043 | .000 | -382 |
| 340 | 279 | 175 | .130 | .664 | -1.240 | 340 | 329 | 138 | .040 | .021 | -340 | 340 | 426 | 179 | .043 | .000 | -362 |
| 340 | 280 | 239 | .050 | .069 | -1.499 | 340 | 330 | 142 | .040 | .035 | -340 | 340 | 427 | 196 | .050 | .005 | -454 |
| 340 | 281 | 272 | .057 | .057 | -1.492 | 340 | 331 | 132 | .043 | .095 | -283 | 340 | 428 | 231 | .041 | .114 | -433 |
| 340 | 282 | 350 | .092 | .132 | -1.007 | 340 | 332 | 148 | .038 | .037 | -343 | 340 | 429 | 225 | .047 | .071 | -498 |
| 340 | 283 | 448 | .117 | .153 | -1.021 | 340 | 333 | 248 | .048 | .099 | -488 | 340 | 430 | 199 | .046 | .052 | -447 |
| 340 | 284 | 444 | .103 | .170 | -1.906 | 340 | 334 | 204 | .040 | .051 | -407 | 340 | 431 | 172 | .039 | .013 | -349 |
| 340 | 285 | 323 | .087 | .005 | -1.794 | 340 | 335 | 241 | .071 | .070 | -660 | 340 | 432 | 191 | .048 | .013 | -414 |
| 340 | 286 | 288 | .097 | .048 | -1.820 | 340 | 336 | 130 | .036 | .016 | -300 | 340 | 433 | 210 | .044 | .016 | -387 |
| 340 | 287 | 266 | .091 | .002 | -1.806 | 340 | 337 | 135 | .041 | .061 | -359 | 340 | 434 | 219 | .047 | .059 | -486 |
| 340 | 288 | 209 | .103 | .161 | -1.748 | 340 | 338 | 129 | .049 | .174 | -309 | 340 | 435 | 205 | .050 | .044 | -387 |
| 340 | 289 | 206 | .091 | .189 | -1.798 | 340 | 339 | 158 | .049 | .277 | -371 | 340 | 436 | 209 | .044 | .041 | -398 |
| 340 | 290 | 208 | .090 | .077 | -1.561 | 340 | 340 | 185 | .072 | .063 | -538 | 340 | 437 | 217 | .039 | .029 | -358 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 340 | 438 | 235 | .043 | .043 | .437 | 340 | 521 | .687 | .261 | .076 | -1.897 | 340 | 571 | .295 | .062 | .125 | .621 |
| 340 | 439 | 279 | .042 | .153 | .444 | 340 | 522 | .632 | .217 | .046 | -1.553 | 340 | 572 | .302 | .064 | .116 | .634 |
| 340 | 440 | 285 | .044 | .146 | .530 | 340 | 523 | .571 | .194 | .035 | -1.351 | 340 | 573 | .333 | .074 | .026 | .833 |
| 340 | 441 | 246 | .038 | .064 | .402 | 340 | 524 | .505 | .146 | .085 | -1.214 | 340 | 574 | .402 | .090 | .122 | .886 |
| 340 | 442 | 282 | .046 | .008 | .478 | 340 | 525 | .443 | .115 | .090 | -1.930 | 340 | 575 | .304 | .059 | .115 | .602 |
| 340 | 443 | 273 | .051 | .023 | .490 | 340 | 526 | .415 | .103 | .117 | -1.030 | 340 | 576 | .683 | .243 | .048 | -2.079 |
| 340 | 444 | 187 | .089 | .281 | .392 | 340 | 527 | .444 | .119 | .119 | -1.362 | 340 | 577 | .393 | .289 | .031 | -2.179 |
| 340 | 445 | 169 | .080 | .200 | .567 | 340 | 528 | .637 | .250 | .113 | -1.949 | 340 | 578 | .338 | .185 | .070 | -1.397 |
| 340 | 446 | 188 | .084 | .164 | .457 | 340 | 529 | .662 | .276 | .110 | -2.709 | 340 | 579 | .295 | .073 | .062 | .922 |
| 340 | 447 | 216 | .048 | .071 | .440 | 340 | 530 | .689 | .280 | .024 | -2.127 | 340 | 580 | .276 | .050 | .098 | .526 |
| 340 | 448 | 164 | .075 | .080 | .548 | 340 | 531 | .660 | .273 | .151 | -1.938 | 340 | 581 | .314 | .057 | .158 | .990 |
| 340 | 449 | 167 | .067 | .231 | .505 | 340 | 532 | .597 | .235 | .040 | -1.797 | 340 | 582 | .274 | .053 | .108 | .480 |
| 340 | 450 | 193 | .069 | .118 | .478 | 340 | 533 | .508 | .169 | .040 | -1.221 | 340 | 583 | .316 | .063 | .158 | .518 |
| 340 | 451 | 190 | .061 | .063 | .764 | 340 | 534 | .417 | .113 | .004 | -1.925 | 340 | 584 | .250 | .049 | .057 | .518 |
| 340 | 452 | 185 | .063 | .022 | .519 | 340 | 535 | .405 | .098 | .110 | -1.014 | 340 | 585 | .246 | .053 | .101 | .586 |
| 340 | 453 | 187 | .061 | .042 | .495 | 340 | 536 | .422 | .121 | .124 | -1.175 | 340 | 586 | .249 | .058 | .086 | .533 |
| 340 | 454 | 190 | .055 | .010 | .586 | 340 | 537 | .422 | .121 | .138 | -2.072 | 340 | 587 | .249 | .047 | .041 | .497 |
| 340 | 455 | 179 | .057 | .092 | .489 | 340 | 538 | .731 | .248 | .136 | -2.129 | 340 | 588 | .246 | .048 | .096 | .490 |
| 340 | 456 | 179 | .055 | .024 | .492 | 340 | 539 | .761 | .286 | .122 | -2.370 | 340 | 589 | .250 | .045 | .127 | .473 |
| 340 | 457 | 159 | .069 | .087 | .475 | 340 | 540 | .700 | .271 | .181 | -1.867 | 340 | 590 | .240 | .038 | .067 | .461 |
| 340 | 458 | 172 | .074 | .094 | .530 | 340 | 541 | .628 | .243 | .019 | -1.687 | 340 | 591 | .217 | .038 | .098 | .370 |
| 340 | 459 | 183 | .071 | .089 | .513 | 340 | 542 | .526 | .180 | .026 | -1.392 | 340 | 592 | .351 | .218 | .067 | -1.620 |
| 340 | 460 | 169 | .067 | .196 | .473 | 340 | 543 | .430 | .122 | .078 | -1.184 | 340 | 593 | .341 | .254 | .017 | -1.879 |
| 340 | 461 | 163 | .060 | .092 | .494 | 340 | 544 | .415 | .111 | .167 | -1.052 | 340 | 594 | .234 | .110 | .231 | -1.176 |
| 340 | 462 | 115 | .115 | .356 | .648 | 340 | 545 | .423 | .128 | .044 | -1.182 | 340 | 595 | .251 | .051 | .045 | .552 |
| 340 | 463 | 093 | .093 | .382 | .357 | 340 | 546 | .833 | .254 | .217 | -2.559 | 340 | 596 | .264 | .059 | .110 | .658 |
| 340 | 464 | 043 | .118 | .572 | .636 | 340 | 547 | .844 | .267 | .111 | -2.330 | 340 | 597 | .230 | .043 | .089 | .514 |
| 340 | 465 | 073 | .102 | .601 | .290 | 340 | 548 | .837 | .264 | .173 | -2.238 | 340 | 598 | .233 | .050 | .103 | .502 |
| 340 | 466 | 063 | .105 | .519 | .213 | 340 | 549 | .739 | .253 | .072 | -2.115 | 340 | 599 | .222 | .048 | .091 | .542 |
| 340 | 467 | 073 | .110 | .680 | .189 | 340 | 550 | .633 | .229 | .074 | -1.697 | 340 | 600 | .216 | .054 | .034 | .566 |
| 340 | 501 | 697 | .225 | .301 | .039 | 340 | 551 | .536 | .185 | .077 | -1.608 | 340 | 601 | .212 | .042 | .009 | .398 |
| 340 | 502 | 726 | .233 | .293 | .029 | 340 | 552 | .449 | .131 | .106 | -1.082 | 340 | 602 | .220 | .041 | .044 | .457 |
| 340 | 503 | 727 | .207 | .176 | .710 | 340 | 553 | .418 | .119 | .125 | -1.153 | 340 | 603 | .233 | .040 | .057 | .444 |
| 340 | 504 | 654 | .197 | .003 | .621 | 340 | 554 | .432 | .132 | .019 | -1.217 | 340 | 604 | .231 | .037 | .118 | .403 |
| 340 | 505 | 553 | .197 | .083 | .364 | 340 | 555 | .891 | .235 | .358 | -2.348 | 340 | 605 | .210 | .030 | .188 | .358 |
| 340 | 506 | 473 | .167 | .013 | .328 | 340 | 556 | .908 | .242 | .081 | -2.081 | 340 | 606 | .490 | .031 | .080 | .335 |
| 340 | 507 | 433 | .142 | .051 | .430 | 340 | 557 | .803 | .234 | .091 | -2.136 | 340 | 607 | .490 | .228 | .037 | -1.538 |
| 340 | 508 | 447 | .155 | .062 | .375 | 340 | 558 | .661 | .215 | .136 | -1.555 | 340 | 608 | .403 | .210 | .157 | .423 |
| 340 | 509 | 449 | .164 | .085 | .558 | 340 | 559 | .576 | .187 | .129 | -1.436 | 340 | 609 | .205 | .106 | .073 | .940 |
| 340 | 510 | 693 | .262 | .220 | .063 | 340 | 560 | .458 | .149 | .118 | -1.235 | 340 | 610 | .213 | .055 | .016 | .563 |
| 340 | 511 | 708 | .273 | .220 | .215 | 340 | 561 | .401 | .122 | .013 | -1.452 | 340 | 611 | .194 | .053 | .049 | .429 |
| 340 | 512 | 708 | .244 | .076 | .851 | 340 | 562 | .363 | .098 | .038 | -1.075 | 340 | 612 | .233 | .045 | .094 | .816 |
| 340 | 513 | 660 | .221 | .010 | .678 | 340 | 563 | .380 | .106 | .065 | -1.902 | 340 | 613 | .251 | .042 | .041 | .438 |
| 340 | 514 | 542 | .177 | .031 | .496 | 340 | 564 | .841 | .235 | .050 | -2.677 | 340 | 614 | .236 | .037 | .113 | .431 |
| 340 | 515 | 490 | .154 | .024 | .196 | 340 | 565 | .835 | .246 | .271 | -2.248 | 340 | 615 | .219 | .032 | .116 | .383 |
| 340 | 516 | 456 | .139 | .040 | .034 | 340 | 566 | .683 | .245 | .186 | -1.884 | 340 | 616 | .209 | .032 | .075 | .350 |
| 340 | 517 | 453 | .133 | .099 | .089 | 340 | 567 | .475 | .154 | .175 | -1.452 | 340 | 617 | .208 | .035 | .089 | .366 |
| 340 | 518 | 459 | .133 | .103 | .141 | 340 | 568 | .447 | .122 | .186 | -1.114 | 340 | 618 | .219 | .037 | .032 | .395 |
| 340 | 519 | 591 | .214 | .133 | .270 | 340 | 569 | .318 | .085 | .052 | -1.721 | 340 | 619 | .225 | .041 | .116 | .424 |
| 340 | 520 | 591 | .210 | .172 | .838 | 340 | 570 | .297 | .076 | .061 | -1.607 | 340 | 701 | .331 | .150 | .790 | .302 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|---------|---------|-----|-----|--------|-------|--------|---------|
| 340 | 702 | .306 | .138 | .819 | -.141 | 340 | 752 | -.139 | .119 | .466 | -.492 | 340 | 930 | .011 | .088 | .616 | -.207 |
| 340 | 703 | .417 | .140 | .974 | -.150 | 340 | 753 | -.085 | .080 | .265 | -.396 | 340 | 931 | -.325 | .106 | .034 | -.804 |
| 340 | 704 | .556 | .174 | 1.082 | -.052 | 340 | 754 | -.038 | .105 | .381 | -.476 | 340 | 932 | -.112 | .072 | .251 | -.418 |
| 340 | 705 | .556 | .164 | .988 | -.036 | 340 | 755 | -.128 | .079 | .291 | -.427 | 340 | 933 | -.159 | .040 | .000 | -.324 |
| 340 | 706 | .443 | .158 | .894 | -.038 | 340 | 756 | -.114 | .071 | .183 | -.391 | 340 | 934 | -.242 | .062 | .098 | -.525 |
| 340 | 707 | .489 | .176 | 1.045 | -.045 | 340 | 757 | -.111 | .067 | .409 | -.353 | 340 | 935 | -.060 | .081 | .272 | -.425 |
| 340 | 708 | .524 | .168 | 1.050 | -.024 | 340 | 758 | -.082 | .085 | .363 | -.465 | 340 | 936 | -.001 | .106 | .466 | -.324 |
| 340 | 709 | .357 | .156 | .922 | -.276 | 340 | 759 | -.126 | .080 | .282 | -.394 | 340 | 937 | -.211 | .073 | .065 | -.649 |
| 340 | 710 | .452 | .159 | .898 | -.127 | 340 | 760 | -.068 | .094 | .364 | -.339 | 340 | 938 | -.158 | .054 | .129 | -.363 |
| 340 | 711 | .569 | .169 | 1.082 | -.001 | 340 | 761 | -.059 | .102 | .564 | -.379 | 340 | 939 | -.084 | .089 | .375 | -.489 |
| 340 | 712 | .341 | .154 | .762 | -.398 | 340 | 762 | -.237 | .044 | .105 | -.484 | 340 | 940 | -.190 | .056 | .072 | -.475 |
| 340 | 713 | .376 | .175 | 1.114 | -.374 | 340 | 763 | -.244 | .043 | -.090 | -.441 | 340 | 941 | -.231 | .083 | .072 | -.776 |
| 340 | 714 | .401 | .164 | .906 | -.331 | 340 | 764 | -.262 | .042 | -.143 | -.513 | 340 | 942 | -.078 | .086 | .344 | -.377 |
| 340 | 715 | .303 | .159 | .817 | -.321 | 340 | 765 | -.258 | .042 | -.148 | -.420 | 340 | 943 | -.183 | .056 | .050 | -.587 |
| 340 | 716 | .294 | .150 | .906 | -.203 | 340 | 766 | -.073 | .118 | .582 | -.282 | 340 | 944 | -.153 | .058 | .089 | -.446 |
| 340 | 717 | .303 | .158 | .840 | -.310 | 340 | 767 | -.265 | .042 | -.112 | -.461 | 340 | 945 | -.179 | .037 | -.012 | -.360 |
| 340 | 718 | .220 | .157 | .755 | -.349 | 340 | 801 | -.205 | .033 | -.090 | -.363 | 340 | 946 | -.139 | .059 | .079 | -.413 |
| 340 | 719 | .185 | .143 | .678 | -.352 | 340 | 802 | -.217 | .038 | -.079 | -.373 | 340 | 947 | -.180 | .040 | .027 | -.363 |
| 340 | 720 | .231 | .136 | .740 | -.340 | 340 | 803 | -.342 | .033 | -.215 | -.375 | 340 | 948 | -.214 | .056 | -.002 | -.515 |
| 340 | 721 | .081 | .128 | .518 | -.389 | 340 | 804 | -.222 | .043 | -.059 | -.311 | 340 | 949 | -.169 | .045 | .009 | -.389 |
| 340 | 722 | .087 | .119 | .549 | -.390 | 340 | 805 | -.208 | .052 | -.179 | -.315 | 340 | 950 | -.146 | .053 | .136 | -.351 |
| 340 | 723 | .144 | .120 | .642 | -.221 | 340 | 901 | -.240 | .133 | .296 | -.813 | 340 | 951 | -.181 | .053 | .058 | -.406 |
| 340 | 724 | .034 | .110 | .470 | -.383 | 340 | 902 | -.353 | .124 | .278 | -.1.025 | 340 | 952 | -.199 | .059 | .065 | -.492 |
| 340 | 725 | -.004 | .097 | .391 | -.328 | 340 | 903 | -.463 | .151 | .127 | -.1.000 | 340 | 953 | -.162 | .048 | .048 | -.379 |
| 340 | 726 | .040 | .087 | .441 | -.283 | 340 | 904 | -.697 | .147 | -.005 | -.1.233 | 340 | 954 | -.143 | .054 | .086 | -.401 |
| 340 | 727 | .079 | .081 | .538 | -.414 | 340 | 905 | -.780 | .129 | -.336 | -.1.486 | 350 | 101 | -.468 | .077 | -.253 | -.748 |
| 340 | 728 | .148 | .074 | .404 | -.458 | 340 | 906 | -.358 | .130 | .163 | -.903 | 350 | 102 | -.467 | .139 | .047 | -.1.109 |
| 340 | 729 | .137 | .071 | .317 | -.458 | 340 | 907 | -.406 | .115 | .084 | -.810 | 350 | 103 | -.561 | .152 | .015 | -.1.187 |
| 340 | 730 | .143 | .062 | .267 | -.386 | 340 | 908 | -.726 | .143 | -.176 | -.1.366 | 350 | 104 | -.721 | .208 | .161 | -.1.504 |
| 340 | 731 | .087 | .084 | .382 | -.458 | 340 | 909 | -.767 | .113 | -.377 | -.1.174 | 350 | 105 | -.790 | .217 | .214 | -.1.770 |
| 340 | 732 | .050 | .111 | .473 | -.487 | 340 | 910 | -.619 | .152 | -.032 | -.1.217 | 350 | 106 | -.038 | .308 | .096 | -.2.426 |
| 340 | 733 | .059 | .109 | .471 | -.506 | 340 | 911 | -.461 | .143 | -.043 | -.1.104 | 350 | 107 | -.457 | .188 | .115 | -.378 |
| 340 | 734 | .053 | .109 | .471 | -.540 | 340 | 912 | -.763 | .133 | -.230 | -.1.420 | 350 | 108 | -.316 | .333 | .117 | -.757 |
| 340 | 735 | .162 | .055 | .243 | -.367 | 340 | 913 | -.263 | .056 | -.105 | -.487 | 350 | 109 | -.132 | .294 | .083 | -.868 |
| 340 | 736 | .149 | .054 | .252 | -.348 | 340 | 914 | -.332 | .107 | -.059 | -.895 | 350 | 110 | -.404 | .231 | .623 | -.1.067 |
| 340 | 737 | .144 | .050 | .322 | -.357 | 340 | 915 | -.621 | .201 | -.104 | -.1.368 | 350 | 111 | -.563 | .109 | -.212 | -.1.044 |
| 340 | 738 | .131 | .047 | .192 | -.324 | 340 | 916 | -.776 | .143 | -.155 | -.1.310 | 350 | 112 | -.552 | .109 | -.210 | -.975 |
| 340 | 739 | .051 | .069 | .339 | -.242 | 340 | 917 | -.230 | .155 | 1.060 | -.1.112 | 350 | 113 | -.475 | .091 | -.175 | -.947 |
| 340 | 740 | .017 | .096 | .517 | -.264 | 340 | 918 | -.103 | .110 | -.595 | -.1.162 | 350 | 114 | -.494 | .102 | -.122 | -.878 |
| 340 | 741 | .028 | .104 | .567 | -.396 | 340 | 919 | -.708 | .136 | -.210 | -.1.240 | 350 | 115 | -.981 | .111 | .482 | -.2.553 |
| 340 | 742 | .010 | .113 | .641 | -.564 | 340 | 920 | -.393 | .116 | -.107 | -.1.136 | 350 | 116 | -.205 | .132 | .632 | -.2.274 |
| 340 | 743 | .099 | .102 | .556 | -.159 | 340 | 921 | -.566 | .207 | -.086 | -.1.569 | 350 | 117 | -.279 | .128 | .722 | -.1.112 |
| 340 | 744 | .090 | .099 | .549 | -.185 | 340 | 922 | -.661 | .210 | -.140 | -.1.398 | 350 | 118 | -.276 | .134 | .713 | -.2.247 |
| 340 | 745 | .067 | .088 | .491 | -.180 | 340 | 923 | -.760 | .127 | -.298 | -.1.301 | 350 | 119 | -.298 | .145 | .759 | -.1.522 |
| 340 | 746 | .063 | .085 | .496 | -.202 | 340 | 924 | -.727 | .111 | -.352 | -.1.208 | 350 | 120 | -.688 | .219 | -.184 | -.1.569 |
| 340 | 747 | .007 | .075 | .495 | -.401 | 340 | 925 | -.141 | .188 | -.836 | -.1.124 | 350 | 121 | -.769 | .262 | -.244 | -.1.774 |
| 340 | 748 | .030 | .131 | .598 | -.408 | 340 | 926 | -.115 | .138 | -.1.019 | -.1.019 | 350 | 122 | -.854 | .322 | -.101 | -.2.084 |
| 340 | 749 | .068 | .150 | .742 | -.338 | 340 | 927 | -.179 | .222 | -.658 | -.1.951 | 350 | 123 | -.440 | .219 | .1.073 | -.545 |
| 340 | 750 | .071 | .136 | .555 | -.621 | 340 | 928 | -.757 | .162 | -.183 | -.1.513 | 350 | 124 | -.084 | .333 | .1.120 | -.866 |
| 340 | 751 | .155 | .098 | .464 | -.523 | 340 | 929 | -.683 | .126 | -.244 | -.1.183 | 350 | 125 | -.542 | .108 | -.205 | -.993 |

| WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 330 | 126 | -.485 | .107 | -.129 | -.933 | 350 | 176 | .522 | .167 | 1.014 | -.081 | 350 | 226 | -.529 | .133 | -.106 | -1.050 |
| 330 | 127 | -.506 | .117 | -.048 | -1.072 | 350 | 177 | .625 | .183 | 1.111 | -.037 | 350 | 227 | -.524 | .159 | .061 | -1.267 |
| 330 | 128 | -.010 | .108 | .456 | -.364 | 350 | 178 | .605 | .177 | 1.292 | -.002 | 350 | 228 | -.172 | .178 | .482 | -1.034 |
| 330 | 129 | -.205 | .124 | .632 | -.293 | 350 | 179 | .526 | .172 | 1.042 | -.034 | 350 | 229 | -.203 | .214 | .479 | -1.223 |
| 330 | 130 | -.696 | .247 | -.184 | -1.629 | 350 | 180 | -.619 | .210 | -.020 | -1.577 | 350 | 230 | -.318 | .172 | .118 | -1.223 |
| 330 | 131 | -.809 | .331 | -.168 | -2.158 | 350 | 181 | -.585 | .186 | -.045 | -1.333 | 350 | 231 | -.297 | .171 | .082 | -1.063 |
| 330 | 132 | -.703 | .289 | .069 | -1.920 | 350 | 182 | -.620 | .186 | -.006 | -1.458 | 350 | 232 | -.336 | .180 | .112 | -1.269 |
| 330 | 133 | -.529 | .238 | 1.224 | -.572 | 350 | 183 | -.687 | .207 | -.160 | -1.886 | 350 | 233 | -.446 | .187 | .124 | -1.455 |
| 330 | 134 | -.188 | .332 | 1.385 | -.903 | 350 | 184 | -.686 | .221 | -.155 | -2.007 | 350 | 234 | -.258 | .127 | .216 | -.882 |
| 330 | 135 | -.636 | .169 | .267 | -.388 | 350 | 185 | -.690 | .206 | -.248 | -1.742 | 350 | 235 | -.080 | .100 | .359 | -.403 |
| 330 | 136 | -.454 | .128 | .017 | -1.090 | 350 | 186 | .563 | .147 | -.150 | -1.266 | 350 | 236 | .089 | .127 | .702 | -.226 |
| 330 | 137 | -.449 | .082 | -.182 | -.844 | 350 | 187 | .576 | .215 | .149 | -1.675 | 350 | 237 | .178 | .153 | 1.017 | -.215 |
| 330 | 138 | -.058 | .114 | .391 | -.468 | 350 | 188 | -.050 | .224 | .630 | -1.038 | 350 | 238 | .181 | .178 | .858 | -.242 |
| 330 | 139 | .204 | .139 | .611 | -.249 | 350 | 189 | .111 | .290 | .812 | -1.045 | 350 | 239 | .149 | .181 | .856 | -.417 |
| 330 | 140 | .481 | .154 | .003 | -1.444 | 350 | 190 | .399 | .238 | .254 | -1.470 | 350 | 240 | -.259 | .084 | -.023 | -.778 |
| 330 | 141 | -.495 | .138 | .048 | -1.143 | 350 | 191 | .309 | .209 | .324 | -1.182 | 350 | 241 | -.278 | .092 | -.006 | -.687 |
| 330 | 142 | -.566 | .154 | .011 | -1.220 | 350 | 192 | .393 | .209 | .235 | -1.268 | 350 | 242 | -.323 | .117 | .012 | -1.022 |
| 330 | 143 | -.662 | .202 | .096 | -1.553 | 350 | 193 | .523 | .246 | .541 | -1.571 | 350 | 243 | -.435 | .149 | .111 | -1.324 |
| 330 | 144 | -.709 | .298 | .147 | -2.350 | 350 | 194 | -.234 | .166 | .370 | -.944 | 350 | 244 | -.563 | .152 | .217 | -1.347 |
| 330 | 145 | -.669 | .290 | -.170 | -2.586 | 350 | 195 | .108 | .145 | .834 | -.352 | 350 | 245 | -.555 | .164 | .166 | -1.439 |
| 330 | 146 | -.637 | .207 | .071 | -1.527 | 350 | 196 | .363 | .170 | .991 | -.128 | 350 | 246 | -.406 | .102 | .143 | -1.027 |
| 330 | 147 | -.350 | .202 | .317 | -1.240 | 350 | 197 | .483 | .193 | 1.085 | -.106 | 350 | 247 | -.439 | .130 | .036 | -1.138 |
| 330 | 148 | .287 | .221 | 1.224 | -.817 | 350 | 198 | .472 | .180 | 1.044 | -.151 | 350 | 248 | -.155 | .127 | .345 | -.732 |
| 330 | 149 | .024 | .345 | .997 | -.982 | 350 | 199 | .417 | .180 | .939 | -.176 | 350 | 249 | -.154 | .155 | .469 | -.958 |
| 330 | 150 | .748 | .220 | .043 | -1.709 | 350 | 200 | .522 | .188 | .018 | -1.383 | 350 | 250 | -.275 | .153 | .078 | -1.144 |
| 330 | 151 | .481 | .143 | .013 | -1.092 | 350 | 201 | .522 | .170 | -.044 | -1.171 | 350 | 251 | -.260 | .135 | .013 | -1.379 |
| 330 | 152 | .441 | .157 | .196 | -1.098 | 350 | 202 | .547 | .177 | -.159 | -1.447 | 350 | 252 | -.285 | .155 | .017 | -1.126 |
| 330 | 153 | .485 | .167 | .088 | -1.235 | 350 | 203 | .698 | .201 | -.204 | -1.916 | 350 | 253 | -.398 | .180 | .055 | -1.375 |
| 330 | 154 | .019 | .125 | .477 | -.492 | 350 | 204 | .752 | .209 | -.284 | -1.806 | 350 | 254 | -.240 | .120 | .211 | -.919 |
| 330 | 155 | .258 | .136 | .733 | -.116 | 350 | 205 | .741 | .188 | .314 | -1.625 | 350 | 255 | -.101 | .077 | .331 | -.482 |
| 330 | 156 | .521 | .143 | .014 | -1.061 | 350 | 206 | .549 | .139 | -.151 | -1.130 | 350 | 256 | -.006 | .085 | .476 | -.270 |
| 330 | 157 | .631 | .145 | .067 | -.112 | 350 | 207 | .569 | .180 | -.051 | -1.456 | 350 | 257 | .084 | .143 | .649 | -.295 |
| 330 | 158 | .634 | .172 | .148 | -.096 | 350 | 208 | .136 | .177 | .491 | -1.848 | 350 | 258 | .094 | .162 | .907 | -.362 |
| 330 | 159 | .567 | .164 | .107 | -1.016 | 350 | 209 | .168 | .240 | .669 | -1.214 | 350 | 259 | .055 | .155 | .803 | -.403 |
| 330 | 160 | .585 | .189 | .029 | -1.575 | 350 | 210 | .358 | .205 | .150 | -1.340 | 350 | 260 | -.206 | .053 | .067 | -.528 |
| 330 | 161 | .545 | .173 | .077 | -1.421 | 350 | 211 | .322 | .187 | .128 | -1.082 | 350 | 261 | -.222 | .057 | .014 | -.633 |
| 330 | 162 | .619 | .194 | .120 | -1.447 | 350 | 212 | .393 | .197 | .148 | -1.196 | 350 | 262 | -.250 | .064 | .046 | -.652 |
| 330 | 163 | .630 | .208 | .197 | -1.698 | 350 | 213 | .521 | .207 | -.128 | -1.429 | 350 | 263 | -.331 | .097 | .081 | -.999 |
| 330 | 164 | .646 | .208 | .241 | -1.730 | 350 | 214 | .223 | .080 | .169 | -.442 | 350 | 264 | -.400 | .109 | .156 | -1.126 |
| 330 | 165 | .641 | .217 | .204 | -1.630 | 350 | 215 | .027 | .125 | .544 | -.527 | 350 | 265 | -.414 | .109 | .173 | -1.048 |
| 330 | 166 | .550 | .163 | .092 | -1.221 | 350 | 216 | .161 | .151 | .768 | -.212 | 350 | 266 | -.324 | .080 | .046 | -.951 |
| 330 | 167 | .505 | .220 | .147 | -1.712 | 350 | 217 | .286 | .193 | .889 | -.317 | 350 | 267 | -.345 | .093 | .005 | -.935 |
| 330 | 168 | .057 | .224 | .809 | -.912 | 350 | 218 | .300 | .200 | .964 | -.294 | 350 | 268 | -.171 | .083 | .230 | -.739 |
| 330 | 169 | .086 | .335 | 1.267 | -1.077 | 350 | 219 | .251 | .200 | 1.126 | -.333 | 350 | 269 | -.126 | .096 | .347 | -.841 |
| 330 | 170 | .395 | .238 | .245 | -1.605 | 350 | 220 | .370 | .125 | -.054 | -1.008 | 350 | 270 | -.202 | .099 | .055 | -1.069 |
| 330 | 171 | .307 | .188 | .375 | -1.103 | 350 | 221 | .371 | .130 | -.059 | -1.077 | 350 | 271 | -.206 | .101 | .023 | -1.069 |
| 330 | 172 | .401 | .205 | .333 | -1.180 | 350 | 222 | .391 | .143 | -.086 | -1.266 | 350 | 272 | -.233 | .118 | .039 | -.919 |
| 330 | 173 | .466 | .231 | .377 | -1.565 | 350 | 223 | .484 | .191 | -.030 | -1.376 | 350 | 273 | -.289 | .139 | .029 | -1.016 |
| 330 | 174 | .059 | .149 | .551 | -.761 | 350 | 224 | .703 | .203 | -.195 | -1.728 | 350 | 274 | -.173 | .082 | .131 | -.583 |
| 330 | 175 | .211 | .146 | .770 | -.371 | 350 | 225 | .689 | .203 | -.256 | -1.605 | 350 | 275 | -.102 | .060 | .145 | -.383 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 350 | 276 | .040 | .071 | .425 | .281 | 350 | 326 | .147 | .061 | .050 | .498 | 350 | 423 | .213 | .047 | .010 | .468 |
| 350 | 277 | .002 | .088 | .623 | .364 | 350 | 327 | .133 | .040 | .003 | .402 | 350 | 424 | .222 | .053 | .063 | .671 |
| 350 | 278 | .002 | .101 | .595 | .394 | 350 | 328 | .130 | .030 | .037 | .301 | 350 | 425 | .160 | .028 | .029 | .265 |
| 350 | 279 | .005 | .139 | .646 | .471 | 350 | 329 | .130 | .029 | .041 | .263 | 350 | 426 | .163 | .027 | .065 | .280 |
| 350 | 280 | .180 | .029 | .065 | .350 | 350 | 330 | .138 | .032 | .025 | .318 | 350 | 427 | .179 | .036 | .046 | .427 |
| 350 | 281 | .185 | .030 | .073 | .316 | 350 | 331 | .116 | .041 | .091 | .238 | 350 | 428 | .182 | .026 | .090 | .292 |
| 350 | 282 | .195 | .058 | .020 | .567 | 350 | 332 | .142 | .031 | .007 | .303 | 350 | 429 | .172 | .028 | .075 | .318 |
| 350 | 283 | .216 | .077 | .079 | .649 | 350 | 333 | .179 | .031 | .058 | .366 | 350 | 430 | .164 | .029 | .061 | .304 |
| 350 | 284 | .237 | .074 | .164 | .729 | 350 | 334 | .160 | .030 | .070 | .330 | 350 | 431 | .154 | .028 | .047 | .278 |
| 350 | 285 | .185 | .067 | .067 | .599 | 350 | 335 | .192 | .059 | .061 | .534 | 350 | 432 | .167 | .029 | .037 | .311 |
| 350 | 286 | .150 | .063 | .106 | .531 | 350 | 336 | .125 | .027 | .013 | .231 | 350 | 433 | .157 | .028 | .059 | .318 |
| 350 | 287 | .160 | .064 | .046 | .512 | 350 | 337 | .136 | .031 | .015 | .323 | 350 | 434 | .173 | .030 | .087 | .306 |
| 350 | 288 | .136 | .073 | .113 | .630 | 350 | 338 | .104 | .045 | .158 | .251 | 350 | 435 | .163 | .032 | .030 | .333 |
| 350 | 289 | .135 | .072 | .072 | .483 | 350 | 339 | .134 | .032 | .051 | .273 | 350 | 436 | .179 | .026 | .084 | .314 |
| 350 | 290 | .136 | .064 | .072 | .591 | 350 | 340 | .133 | .066 | .148 | .609 | 350 | 437 | .183 | .023 | .094 | .273 |
| 350 | 291 | .127 | .056 | .132 | .362 | 350 | 341 | .138 | .063 | .096 | .461 | 350 | 438 | .188 | .025 | .082 | .285 |
| 350 | 292 | .130 | .060 | .082 | .372 | 350 | 342 | .128 | .058 | .058 | .378 | 350 | 439 | .213 | .027 | .106 | .350 |
| 350 | 293 | .194 | .111 | .043 | .987 | 350 | 343 | .103 | .052 | .108 | .287 | 350 | 440 | .207 | .027 | .108 | .304 |
| 350 | 294 | .112 | .059 | .133 | .505 | 350 | 344 | .056 | .087 | .439 | .292 | 350 | 441 | .190 | .029 | .064 | .357 |
| 350 | 295 | .068 | .063 | .381 | .283 | 350 | 345 | .055 | .079 | .339 | .314 | 350 | 442 | .185 | .029 | .080 | .333 |
| 350 | 296 | .006 | .091 | .550 | .246 | 350 | 346 | .083 | .074 | .325 | .397 | 350 | 443 | .198 | .036 | .092 | .392 |
| 350 | 297 | .041 | .118 | .726 | .239 | 350 | 347 | .122 | .084 | .234 | .618 | 350 | 444 | .204 | .036 | .058 | .337 |
| 350 | 298 | .046 | .078 | .559 | .295 | 350 | 348 | .106 | .062 | .175 | .335 | 350 | 445 | .160 | .038 | .013 | .285 |
| 350 | 299 | .064 | .076 | .470 | .360 | 350 | 349 | .077 | .066 | .315 | .376 | 350 | 446 | .168 | .043 | .001 | .378 |
| 350 | 300 | .174 | .031 | .080 | .345 | 350 | 350 | .116 | .059 | .129 | .399 | 350 | 447 | .172 | .034 | .087 | .364 |
| 350 | 301 | .193 | .036 | .087 | .398 | 350 | 351 | .116 | .058 | .075 | .326 | 350 | 448 | .106 | .053 | .156 | .335 |
| 350 | 302 | .159 | .037 | .027 | .338 | 350 | 352 | .119 | .056 | .113 | .334 | 350 | 449 | .106 | .054 | .115 | .321 |
| 350 | 303 | .129 | .042 | .021 | .372 | 350 | 353 | .108 | .055 | .096 | .316 | 350 | 450 | .148 | .055 | .046 | .490 |
| 350 | 304 | .130 | .065 | .128 | .502 | 350 | 401 | .442 | .158 | .085 | .236 | 350 | 451 | .182 | .077 | .021 | .783 |
| 350 | 305 | .151 | .047 | .022 | .495 | 350 | 402 | .431 | .146 | .085 | .317 | 350 | 452 | .165 | .066 | .069 | .735 |
| 350 | 306 | .148 | .037 | .017 | .326 | 350 | 403 | .451 | .158 | .004 | .373 | 350 | 453 | .155 | .050 | .027 | .428 |
| 350 | 307 | .147 | .038 | .039 | .369 | 350 | 404 | .458 | .155 | .015 | .481 | 350 | 454 | .156 | .046 | .039 | .426 |
| 350 | 308 | .136 | .034 | .010 | .295 | 350 | 405 | .458 | .143 | .068 | .152 | 350 | 455 | .139 | .041 | .013 | .385 |
| 350 | 309 | .147 | .039 | .010 | .492 | 350 | 406 | .449 | .139 | .086 | .159 | 350 | 456 | .145 | .040 | .023 | .359 |
| 350 | 310 | .168 | .025 | .080 | .290 | 350 | 407 | .555 | .184 | .039 | .291 | 350 | 457 | .105 | .057 | .118 | .278 |
| 350 | 311 | .170 | .028 | .090 | .338 | 350 | 408 | .527 | .175 | .019 | .513 | 350 | 458 | .112 | .057 | .144 | .328 |
| 350 | 312 | .174 | .032 | .061 | .362 | 350 | 409 | .498 | .153 | .045 | .211 | 350 | 459 | .110 | .069 | .242 | .407 |
| 350 | 313 | .205 | .043 | .078 | .430 | 350 | 410 | .562 | .201 | .024 | .536 | 350 | 460 | .119 | .060 | .185 | .407 |
| 350 | 314 | .163 | .041 | .022 | .355 | 350 | 411 | .555 | .182 | .007 | .577 | 350 | 461 | .128 | .038 | .049 | .300 |
| 350 | 315 | .152 | .072 | .084 | .625 | 350 | 412 | .559 | .181 | .082 | .250 | 350 | 462 | .101 | .094 | .309 | .655 |
| 350 | 316 | .143 | .042 | .027 | .353 | 350 | 413 | .509 | .177 | .027 | .659 | 350 | 463 | .061 | .086 | .318 | .438 |
| 350 | 317 | .143 | .031 | .034 | .401 | 350 | 414 | .522 | .182 | .054 | .590 | 350 | 464 | .055 | .108 | .533 | .474 |
| 350 | 318 | .137 | .031 | .022 | .268 | 350 | 415 | .500 | .168 | .098 | .280 | 350 | 465 | .027 | .075 | .430 | .223 |
| 350 | 319 | .132 | .038 | .029 | .254 | 350 | 416 | .364 | .130 | .061 | .139 | 350 | 466 | .023 | .094 | .502 | .295 |
| 350 | 320 | .115 | .047 | .075 | .273 | 350 | 417 | .391 | .146 | .085 | .159 | 350 | 467 | .011 | .099 | .616 | .350 |
| 350 | 321 | .111 | .047 | .161 | .246 | 350 | 418 | .395 | .138 | .058 | .149 | 350 | 501 | .455 | .097 | .163 | .950 |
| 350 | 322 | .181 | .031 | .104 | .411 | 350 | 419 | .249 | .082 | .017 | .795 | 350 | 502 | .465 | .098 | .198 | .970 |
| 350 | 323 | .187 | .039 | .063 | .362 | 350 | 420 | .268 | .079 | .022 | .751 | 350 | 503 | .485 | .128 | .030 | .396 |
| 350 | 324 | .198 | .054 | .075 | .608 | 350 | 421 | .286 | .084 | .048 | .760 | 350 | 504 | .491 | .153 | .003 | .262 |
| 350 | 325 | .157 | .041 | .032 | .448 | 350 | 422 | .211 | .045 | .022 | .497 | 350 | 505 | .454 | .161 | .057 | .334 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 350 | 506 | -.392 | .119 | -.046 | -.970 | 350 | 556 | -.697 | .200 | -.213 | -1.714 | 350 | 606 | -.176 | .026 | -.075 | -.308 |
| 350 | 507 | -.357 | .107 | -.049 | -.904 | 350 | 557 | -.606 | .187 | -.114 | -1.721 | 350 | 607 | -.245 | .107 | -.052 | -.864 |
| 350 | 508 | -.380 | .127 | -.097 | -1.230 | 350 | 558 | -.509 | .174 | -.114 | -1.661 | 350 | 608 | -.213 | .094 | .117 | -.960 |
| 350 | 509 | -.405 | .134 | -.032 | -1.435 | 350 | 559 | -.402 | .133 | -.077 | -1.084 | 350 | 609 | -.176 | .045 | .040 | -.513 |
| 350 | 510 | -.411 | .093 | -.122 | -.899 | 350 | 560 | -.304 | .086 | -.063 | -.714 | 350 | 610 | -.187 | .038 | .048 | -.366 |
| 350 | 511 | -.417 | .104 | -.134 | -1.796 | 350 | 561 | -.257 | .068 | -.051 | -.751 | 350 | 611 | -.187 | .036 | -.010 | -.339 |
| 350 | 512 | -.440 | .109 | -.137 | -1.203 | 350 | 562 | -.250 | .069 | -.084 | -1.093 | 350 | 612 | -.192 | .033 | -.073 | -.337 |
| 350 | 513 | -.454 | .128 | -.134 | -1.187 | 350 | 563 | -.245 | .065 | -.044 | -.587 | 350 | 613 | -.188 | .034 | -.065 | -.323 |
| 350 | 514 | -.444 | .122 | -.111 | -1.127 | 350 | 564 | -.220 | .206 | -.222 | -1.879 | 350 | 614 | -.186 | .028 | -.094 | -.342 |
| 350 | 515 | -.399 | .107 | -.076 | -.895 | 350 | 565 | -.584 | .207 | -.153 | -1.943 | 350 | 615 | -.179 | .027 | -.092 | -.311 |
| 350 | 516 | -.382 | .101 | -.131 | -1.106 | 350 | 566 | -.412 | .143 | -.051 | -1.398 | 350 | 616 | -.179 | .027 | -.056 | -.284 |
| 350 | 517 | -.389 | .118 | -.051 | -1.233 | 350 | 567 | -.340 | .099 | -.102 | -1.006 | 350 | 617 | -.173 | .025 | -.082 | -.385 |
| 350 | 518 | -.405 | .118 | -.122 | -1.311 | 350 | 568 | -.289 | .073 | -.079 | -.779 | 350 | 618 | -.174 | .024 | -.087 | -.287 |
| 350 | 519 | -.421 | .117 | -.104 | -1.334 | 350 | 569 | -.229 | .046 | -.105 | -.493 | 350 | 619 | -.174 | .024 | -.092 | -.291 |
| 350 | 520 | -.429 | .121 | -.131 | -1.674 | 350 | 570 | -.261 | .034 | -.093 | -.557 | 350 | 701 | .232 | .154 | .676 | .519 |
| 350 | 521 | -.447 | .127 | -.076 | -1.743 | 350 | 571 | -.197 | .034 | -.077 | -.398 | 350 | 702 | .300 | .136 | .819 | .296 |
| 350 | 522 | -.464 | .119 | -.009 | -1.214 | 350 | 572 | -.199 | .041 | -.056 | -.488 | 350 | 703 | .402 | .156 | .856 | .232 |
| 350 | 523 | -.462 | .120 | -.085 | -1.095 | 350 | 573 | -.258 | .048 | -.099 | -.512 | 350 | 704 | .427 | .167 | .939 | .132 |
| 350 | 524 | -.414 | .089 | -.154 | -.853 | 350 | 574 | -.305 | .069 | -.096 | -.702 | 350 | 705 | .498 | .161 | 1.009 | .192 |
| 350 | 525 | -.385 | .078 | -.131 | -.793 | 350 | 575 | -.221 | .038 | -.094 | -.401 | 350 | 706 | .441 | .147 | .981 | .135 |
| 350 | 526 | -.410 | .098 | -.088 | -.787 | 350 | 576 | -.430 | .217 | -.102 | -2.069 | 350 | 707 | .348 | .181 | .930 | .347 |
| 350 | 527 | -.444 | .121 | -.076 | -.968 | 350 | 577 | -.320 | .183 | -.073 | -1.822 | 350 | 708 | .448 | .182 | 1.000 | .229 |
| 350 | 528 | -.493 | .164 | -.063 | -1.639 | 350 | 578 | -.223 | .072 | -.000 | -1.284 | 350 | 709 | .338 | .153 | .766 | .326 |
| 350 | 529 | -.505 | .171 | -.150 | -1.982 | 350 | 579 | -.236 | .052 | -.055 | -.495 | 350 | 710 | .316 | .202 | .898 | .495 |
| 350 | 530 | -.517 | .171 | -.143 | -1.610 | 350 | 580 | -.218 | .039 | -.089 | -.427 | 350 | 711 | .336 | .201 | 1.094 | .379 |
| 350 | 531 | -.537 | .175 | -.035 | -1.667 | 350 | 581 | -.231 | .044 | -.096 | -.526 | 350 | 712 | .222 | .184 | .799 | .409 |
| 350 | 532 | -.512 | .152 | -.037 | -1.205 | 350 | 582 | -.207 | .041 | -.072 | -.413 | 350 | 713 | .171 | .215 | .808 | .426 |
| 350 | 533 | -.453 | .103 | -.106 | -1.122 | 350 | 583 | -.228 | .044 | -.096 | -.512 | 350 | 714 | .183 | .206 | .854 | .469 |
| 350 | 534 | -.430 | .100 | -.111 | -.842 | 350 | 584 | -.186 | .029 | -.106 | -.359 | 350 | 715 | .145 | .193 | .801 | .430 |
| 350 | 535 | -.455 | .128 | -.011 | -1.076 | 350 | 585 | -.184 | .031 | -.067 | -.369 | 350 | 716 | .050 | .186 | .812 | .532 |
| 350 | 536 | -.499 | .156 | -.065 | -1.122 | 350 | 586 | -.186 | .038 | -.070 | -.499 | 350 | 717 | .081 | .183 | .794 | .546 |
| 350 | 537 | -.647 | .196 | -.186 | -2.076 | 350 | 587 | -.203 | .035 | -.058 | -.445 | 350 | 718 | .015 | .167 | .699 | .483 |
| 350 | 538 | -.664 | .211 | -.161 | -2.205 | 350 | 588 | -.201 | .038 | -.053 | -.381 | 350 | 719 | .024 | .164 | .595 | .501 |
| 350 | 539 | -.623 | .206 | -.081 | -1.883 | 350 | 589 | -.197 | .035 | -.069 | -.357 | 350 | 720 | .009 | .177 | .704 | .517 |
| 350 | 540 | -.602 | .196 | -.133 | -1.807 | 350 | 590 | -.185 | .031 | -.067 | -.345 | 350 | 721 | -.085 | .146 | .516 | .618 |
| 350 | 541 | -.580 | .181 | -.062 | -1.364 | 350 | 591 | -.178 | .031 | -.050 | -.311 | 350 | 722 | -.059 | .128 | .543 | .573 |
| 350 | 542 | -.482 | .122 | -.085 | -1.150 | 350 | 592 | -.312 | .151 | -.145 | -1.598 | 350 | 723 | -.021 | .134 | .682 | .469 |
| 350 | 543 | -.429 | .108 | -.136 | -.984 | 350 | 593 | -.245 | .114 | -.015 | -1.139 | 350 | 724 | -.072 | .127 | .483 | .503 |
| 350 | 544 | -.454 | .145 | -.101 | -1.072 | 350 | 594 | -.189 | .046 | -.044 | -.582 | 350 | 725 | -.069 | .083 | .413 | .368 |
| 350 | 545 | -.480 | .156 | -.127 | -1.256 | 350 | 595 | -.209 | .042 | -.012 | -.442 | 350 | 726 | -.052 | .084 | .346 | .282 |
| 350 | 546 | -.690 | .173 | -.249 | -1.844 | 350 | 596 | -.194 | .036 | -.108 | -.398 | 350 | 727 | -.103 | .088 | .473 | .502 |
| 350 | 547 | -.709 | .200 | -.262 | -2.008 | 350 | 597 | -.180 | .029 | -.084 | -.333 | 350 | 728 | -.135 | .040 | .101 | .333 |
| 350 | 548 | -.663 | .196 | -.132 | -1.876 | 350 | 598 | -.177 | .026 | -.077 | -.316 | 350 | 729 | -.122 | .047 | .164 | .391 |
| 350 | 549 | -.625 | .196 | -.091 | -1.534 | 350 | 599 | -.175 | .028 | -.091 | -.344 | 350 | 730 | -.127 | .046 | .087 | .354 |
| 350 | 550 | -.529 | .181 | -.077 | -1.943 | 350 | 600 | -.183 | .037 | -.019 | -.338 | 350 | 731 | -.116 | .059 | .146 | .490 |
| 350 | 551 | -.432 | .132 | -.058 | -1.185 | 350 | 601 | -.188 | .033 | -.026 | -.316 | 350 | 732 | -.101 | .083 | .337 | .629 |
| 350 | 552 | -.357 | .106 | -.088 | -.894 | 350 | 602 | -.186 | .032 | -.056 | -.337 | 350 | 733 | -.100 | .088 | .263 | .712 |
| 350 | 553 | -.334 | .117 | -.081 | -1.342 | 350 | 603 | -.194 | .039 | -.083 | -.395 | 350 | 734 | -.101 | .095 | .383 | .602 |
| 350 | 554 | -.353 | .131 | -.042 | -1.061 | 350 | 604 | -.184 | .027 | -.101 | -.289 | 350 | 735 | -.136 | .035 | .044 | .245 |
| 350 | 555 | -.703 | .202 | -.287 | -2.056 | 350 | 605 | -.181 | .027 | -.051 | -.289 | 350 | 736 | -.130 | .035 | .108 | .261 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 350 | 737 | .128 | .035 | .189 | -.250 | 350 | 767 | .196 | .031 | -.105 | -.347 | 350 | 925 | .028 | .106 | .585 | -.354 |
| 350 | 738 | .121 | .035 | .056 | -.357 | 350 | 801 | .173 | .028 | -.072 | -.297 | 350 | 926 | .223 | .103 | .400 | -.878 |
| 350 | 739 | .101 | .051 | .232 | -.316 | 350 | 802 | .180 | .034 | -.067 | -.349 | 350 | 927 | .009 | .178 | .672 | -.705 |
| 350 | 740 | .076 | .063 | .230 | -.295 | 350 | 803 | .279 | .032 | -.171 | -.603 | 350 | 928 | .533 | .193 | .208 | -1.182 |
| 350 | 741 | .075 | .063 | .235 | -.374 | 350 | 804 | .192 | .037 | -.058 | -.340 | 350 | 929 | .563 | .133 | -.134 | -1.056 |
| 350 | 742 | .075 | .081 | .447 | -.591 | 350 | 805 | .183 | .041 | .002 | -.375 | 350 | 930 | .034 | .074 | .429 | -.226 |
| 350 | 743 | .036 | .030 | .625 | -.291 | 350 | 901 | .261 | .134 | .208 | -.755 | 350 | 931 | .133 | .094 | .291 | -.549 |
| 350 | 744 | .037 | .078 | .418 | -.255 | 350 | 902 | .353 | .109 | .085 | -.791 | 350 | 932 | .078 | .076 | .500 | -.307 |
| 350 | 745 | .041 | .075 | .367 | -.272 | 350 | 903 | .445 | .128 | .117 | -1.074 | 350 | 933 | .146 | .031 | .016 | -.309 |
| 350 | 746 | .036 | .075 | .478 | -.267 | 350 | 904 | .566 | .131 | -.056 | -1.056 | 350 | 934 | .143 | .051 | .132 | -.364 |
| 350 | 747 | .052 | .066 | .340 | -.323 | 350 | 905 | .632 | .119 | -.266 | -1.164 | 350 | 935 | .095 | .060 | .286 | -.361 |
| 350 | 748 | .057 | .080 | .504 | -.378 | 350 | 906 | .364 | .140 | .147 | -.960 | 350 | 936 | .098 | .063 | .222 | -.307 |
| 350 | 749 | .033 | .090 | .461 | -.326 | 350 | 907 | .411 | .114 | -.086 | -.995 | 350 | 937 | .128 | .060 | .291 | -.404 |
| 350 | 750 | .065 | .095 | .530 | -.607 | 350 | 908 | .584 | .115 | .145 | -1.097 | 350 | 938 | .127 | .046 | .085 | -.402 |
| 350 | 751 | .082 | .089 | .301 | -.393 | 350 | 909 | .609 | .103 | .317 | -1.097 | 350 | 939 | .090 | .061 | .267 | -.387 |
| 350 | 752 | .070 | .092 | .337 | -.378 | 350 | 910 | .532 | .125 | .152 | -1.031 | 350 | 940 | .162 | .051 | .001 | -.501 |
| 350 | 753 | .101 | .050 | .165 | -.322 | 350 | 911 | .546 | .193 | .093 | -1.389 | 350 | 941 | .150 | .046 | .054 | -.392 |
| 350 | 754 | .065 | .064 | .339 | -.306 | 350 | 912 | .585 | .119 | .230 | -1.202 | 350 | 942 | .102 | .058 | .315 | -.402 |
| 350 | 755 | .125 | .042 | .111 | -.319 | 350 | 913 | .177 | .042 | .118 | -.373 | 350 | 943 | .149 | .043 | .001 | -.475 |
| 350 | 756 | .100 | .052 | .199 | -.371 | 350 | 914 | .179 | .049 | -.036 | -.622 | 350 | 944 | .135 | .038 | .007 | -.295 |
| 350 | 757 | .110 | .046 | .204 | -.428 | 350 | 915 | .710 | .222 | .043 | -1.444 | 350 | 945 | .155 | .026 | .050 | -.262 |
| 350 | 758 | .076 | .077 | .399 | -.343 | 350 | 916 | .621 | .140 | .100 | -1.289 | 350 | 946 | .136 | .039 | .047 | -.340 |
| 350 | 759 | .079 | .076 | .284 | -.333 | 350 | 917 | .076 | .147 | .811 | -.352 | 350 | 947 | .134 | .030 | .027 | -.321 |
| 350 | 760 | .050 | .083 | .289 | -.311 | 350 | 918 | .010 | .088 | .341 | -.311 | 350 | 948 | .159 | .032 | .031 | -.318 |
| 350 | 761 | .048 | .082 | .324 | -.345 | 350 | 919 | .541 | .149 | .181 | -1.164 | 350 | 949 | .151 | .036 | .030 | -.373 |
| 350 | 762 | .187 | .027 | -.086 | -.340 | 350 | 920 | .196 | .073 | .047 | -.658 | 350 | 950 | .142 | .038 | .040 | -.304 |
| 350 | 763 | .187 | .029 | .065 | -.318 | 350 | 921 | .708 | .196 | -.066 | -1.428 | 350 | 951 | .147 | .035 | .027 | -.383 |
| 350 | 764 | .200 | .033 | .112 | -.356 | 350 | 922 | .785 | .190 | .129 | -1.510 | 350 | 952 | .132 | .035 | .017 | -.352 |
| 350 | 765 | .188 | .030 | .103 | -.337 | 350 | 923 | .601 | .116 | -.237 | -1.246 | 350 | 953 | .139 | .034 | .002 | -.321 |
| 350 | 766 | .023 | .095 | .697 | -.291 | 350 | 924 | .570 | .103 | -.269 | -1.081 | 350 | 954 | .134 | .034 | .028 | -.354 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPRIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPRIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPRIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 90 | 401 | .222 | .244 | 1.027 | -.739 | 94 | 520 | -.297 | .063 | -.037 | -.748 | 98 | 536 | -.548 | .259 | .138 | -.2116 |
| 90 | 501 | .070 | -.114 | -.616 | -.478 | 94 | 526 | -.219 | .110 | -.2 | -.605 | 98 | 544 | -.391 | .146 | .030 | -.1389 |
| 90 | 509 | .433 | .181 | -.051 | -.658 | 94 | 527 | -.560 | .234 | -.138 | -.039 | 98 | 545 | -.416 | .162 | .009 | -.1517 |
| 90 | 517 | .412 | .166 | -.084 | -.739 | 94 | 528 | -.284 | .062 | -.055 | -.707 | 98 | 553 | -.322 | .095 | -.047 | -.837 |
| 90 | 518 | .407 | .148 | -.112 | -.562 | 94 | 529 | -.269 | .050 | -.109 | -.658 | 98 | 554 | -.340 | .108 | .102 | -.904 |
| 90 | 519 | .343 | .067 | -.128 | -.789 | 94 | 533 | -.422 | .181 | -.013 | -.447 | 98 | 565 | -.230 | .032 | -.098 | -.451 |
| 90 | 520 | .346 | .068 | -.165 | -.916 | 94 | 536 | -.429 | .187 | -.032 | -.442 | 98 | 703 | -.328 | .094 | -.017 | -.744 |
| 90 | 526 | .400 | .161 | -.040 | -.507 | 94 | 544 | -.330 | .120 | -.081 | -.323 | 98 | 719 | -.267 | .051 | -.131 | -.612 |
| 90 | 527 | .401 | .153 | -.025 | -.418 | 94 | 545 | -.347 | .131 | -.078 | -.309 | 98 | 933 | -.160 | .037 | -.050 | -.379 |
| 90 | 528 | .333 | .065 | -.130 | -.679 | 94 | 553 | -.306 | .088 | -.088 | -.127 | 98 | 936 | -.217 | .033 | -.077 | -.351 |
| 90 | 529 | .333 | .057 | -.135 | -.923 | 94 | 554 | -.314 | .097 | -.126 | -.105 | 100 | 401 | -.147 | .232 | 1.004 | -.650 |
| 90 | 533 | .111 | .121 | -.006 | -.465 | 94 | 565 | -.241 | .047 | -.112 | -.628 | 100 | 501 | -.284 | .067 | .061 | -.564 |
| 90 | 536 | .333 | .127 | -.071 | -.441 | 94 | 703 | -.349 | .089 | -.075 | -.721 | 100 | 509 | -.070 | .528 | -.030 | -.330 |
| 90 | 544 | .333 | .083 | -.113 | -.133 | 94 | 719 | -.283 | .058 | -.135 | -.677 | 100 | 517 | -.840 | .336 | .016 | -.262 |
| 90 | 545 | .333 | .081 | -.083 | -.980 | 94 | 933 | -.139 | .034 | -.127 | -.315 | 100 | 518 | -.865 | .304 | .127 | -.221 |
| 90 | 553 | .333 | .059 | -.134 | -.983 | 94 | 936 | -.213 | .032 | -.065 | -.333 | 100 | 519 | -.232 | .064 | .014 | -.740 |
| 90 | 554 | .333 | .060 | -.156 | -.666 | 96 | 401 | -.170 | .235 | 1.025 | -.593 | 100 | 520 | -.232 | .057 | .035 | -.889 |
| 90 | 565 | .333 | .066 | -.088 | -.666 | 96 | 501 | -.291 | .070 | -.093 | -.634 | 100 | 526 | -.587 | .057 | .033 | -.123 |
| 90 | 703 | .333 | .078 | -.125 | -.665 | 96 | 509 | -.962 | .442 | -.035 | -.172 | 100 | 527 | -.691 | .321 | .066 | -.716 |
| 90 | 719 | .333 | .074 | -.132 | -.729 | 96 | 517 | -.729 | .274 | -.028 | -.031 | 100 | 528 | -.241 | .051 | -.065 | -.557 |
| 90 | 933 | .333 | .039 | -.044 | -.881 | 96 | 518 | -.759 | .296 | -.031 | -.110 | 100 | 529 | -.232 | .044 | .084 | -.557 |
| 90 | 936 | .333 | .034 | -.044 | -.881 | 96 | 519 | -.263 | .068 | -.093 | -.773 | 100 | 535 | -.465 | .222 | .080 | -.111 |
| 90 | 939 | .333 | .034 | -.044 | -.881 | 96 | 520 | -.263 | .068 | -.093 | -.773 | 100 | 536 | -.536 | .244 | .221 | -.525 |
| 92 | 401 | .234 | .234 | .992 | -.877 | 96 | 526 | -.356 | .262 | -.146 | -.335 | 100 | 544 | -.381 | .151 | .033 | -.366 |
| 92 | 509 | .533 | .260 | -.102 | -.640 | 96 | 527 | -.603 | .290 | -.127 | -.2 | 100 | 545 | -.411 | .167 | .092 | -.305 |
| 92 | 517 | .488 | .217 | -.028 | -.671 | 96 | 528 | -.253 | .059 | -.088 | -.715 | 100 | 553 | -.325 | .093 | .024 | -.912 |
| 92 | 518 | .333 | .180 | -.042 | -.494 | 96 | 529 | -.239 | .045 | -.088 | -.495 | 100 | 554 | -.323 | .093 | .015 | -.837 |
| 92 | 519 | .333 | .072 | -.132 | -.807 | 96 | 535 | -.456 | .212 | -.020 | -.251 | 100 | 565 | -.231 | .033 | .130 | -.420 |
| 92 | 520 | .333 | .058 | -.130 | -.495 | 96 | 536 | -.495 | .239 | -.071 | -.316 | 100 | 703 | -.317 | .093 | .059 | -.689 |
| 92 | 526 | .433 | .195 | -.090 | -.150 | 96 | 544 | -.359 | .138 | -.015 | -.321 | 100 | 719 | -.263 | .049 | .109 | -.563 |
| 92 | 527 | .444 | .189 | -.129 | -.390 | 96 | 545 | -.383 | .151 | -.001 | -.210 | 100 | 933 | -.166 | .036 | .006 | -.420 |
| 92 | 528 | .333 | .069 | -.104 | -.758 | 96 | 553 | -.310 | .093 | -.029 | -.839 | 100 | 936 | -.216 | .031 | -.066 | -.345 |
| 92 | 529 | .333 | .054 | -.151 | -.800 | 96 | 554 | -.308 | .087 | -.100 | -.639 | 102 | 401 | -.026 | .262 | .895 | -.791 |
| 92 | 535 | .333 | .155 | -.008 | -.378 | 96 | 565 | -.225 | .037 | -.096 | -.436 | 102 | 501 | -.245 | .080 | .020 | -.642 |
| 92 | 536 | .333 | .142 | -.036 | -.310 | 96 | 703 | -.323 | .090 | -.073 | -.737 | 102 | 509 | -.588 | .325 | .130 | -.733 |
| 92 | 544 | .333 | .104 | -.083 | -.009 | 96 | 719 | -.263 | .050 | -.121 | -.610 | 102 | 517 | -.497 | .261 | .207 | -.972 |
| 92 | 545 | .333 | .100 | -.090 | -.076 | 96 | 933 | -.150 | .035 | -.073 | -.353 | 102 | 518 | -.558 | .282 | .251 | -.349 |
| 92 | 553 | .333 | .066 | -.130 | -.809 | 96 | 936 | -.214 | .052 | -.059 | -.369 | 102 | 519 | -.231 | .058 | .034 | -.550 |
| 92 | 554 | .333 | .072 | -.156 | -.775 | 98 | 401 | -.145 | .228 | -.847 | -.379 | 102 | 520 | -.228 | .056 | .073 | -.557 |
| 92 | 565 | .333 | .052 | -.100 | -.583 | 98 | 501 | -.291 | .070 | -.084 | -.621 | 102 | 526 | -.427 | .227 | .197 | -.406 |
| 92 | 703 | .333 | .084 | -.096 | -.719 | 98 | 509 | -.687 | .506 | -.154 | -.613 | 102 | 527 | -.455 | .244 | .264 | -.682 |
| 92 | 719 | .333 | .066 | -.133 | -.699 | 98 | 517 | -.829 | .307 | -.042 | -.108 | 102 | 528 | -.236 | .058 | .073 | -.684 |
| 92 | 933 | .333 | .033 | -.002 | -.279 | 98 | 518 | -.873 | .310 | -.028 | -.544 | 102 | 529 | -.227 | .051 | .092 | -.591 |
| 92 | 936 | .333 | .033 | -.002 | -.279 | 98 | 519 | -.250 | .066 | -.032 | -.579 | 102 | 535 | -.440 | .238 | .309 | -.055 |
| 94 | 401 | .193 | .240 | 1.211 | -.663 | 98 | 520 | -.242 | .054 | -.044 | -.527 | 102 | 536 | -.493 | .281 | .383 | -.916 |
| 94 | 501 | .315 | .072 | -.107 | -.620 | 98 | 526 | -.242 | .054 | -.044 | -.527 | 102 | 544 | -.456 | .243 | .146 | -.465 |
| 94 | 509 | .688 | .346 | -.062 | -.653 | 98 | 527 | -.667 | .360 | -.037 | -.452 | 102 | 545 | -.495 | .263 | .158 | -.136 |
| 94 | 517 | .608 | .237 | -.012 | -.800 | 98 | 528 | -.249 | .052 | -.081 | -.327 | 102 | 553 | -.427 | .211 | .183 | -.840 |
| 94 | 518 | .608 | .240 | -.041 | -.930 | 98 | 529 | -.241 | .045 | -.079 | -.455 | 102 | 554 | -.471 | .205 | .227 | -.879 |
| 94 | 519 | .608 | .069 | -.074 | -.728 | 98 | 535 | -.492 | .219 | -.009 | -.046 | 102 | 565 | -.192 | .027 | .093 | -.351 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | | | |
|-----|-----|--------|-------|-------|-------|-------|-----|--------|--------|-------|-------|--------|-----|--------|--------|-------|-------|--------|-------|------|
| 102 | 703 | - | 253 | .086 | -.022 | -.901 | 108 | 509 | -1.015 | .487 | -.133 | -3.278 | 112 | 527 | -1.020 | .515 | -.475 | -3.687 | | |
| 102 | 719 | - | 225 | .046 | -.102 | -.528 | 108 | 517 | - | .822 | -.366 | -.083 | 112 | 528 | - | .252 | .068 | -.050 | -.613 | |
| 102 | 933 | - | 124 | .030 | -.001 | -.236 | 108 | 518 | - | .894 | -.371 | -.090 | 112 | 529 | - | .229 | .058 | -.083 | -.613 | |
| 102 | 936 | - | 183 | .023 | -.081 | -.303 | 108 | 519 | - | .227 | -.060 | -.066 | 112 | 530 | - | .827 | .444 | -.385 | -.739 | |
| 104 | 401 | - | 030 | .298 | 1.001 | .837 | 108 | 520 | - | .226 | -.057 | -.070 | 112 | 536 | -1.001 | .495 | .407 | -.332 | .910 | |
| 104 | 501 | - | 247 | .078 | -.041 | -.852 | 108 | 526 | - | .730 | -.381 | -.262 | 112 | 544 | - | .867 | .460 | -.167 | -.019 | |
| 104 | 509 | - | 695 | .379 | .252 | .890 | 108 | 527 | - | .872 | -.430 | -.283 | 112 | 545 | -1.028 | .492 | .301 | -.4 | .373 | |
| 104 | 517 | - | 581 | .292 | -.178 | -.186 | 108 | 528 | - | .230 | -.062 | -.075 | 112 | 553 | - | .837 | .461 | -.245 | -.066 | |
| 104 | 518 | - | 641 | .316 | -.248 | -.307 | 108 | 529 | - | .218 | -.056 | -.089 | 112 | 554 | -1.018 | .386 | .422 | -.3 | .666 | |
| 104 | 519 | - | 231 | .060 | -.046 | -.588 | 108 | 530 | - | .713 | -.363 | -.110 | 112 | 565 | - | .195 | .033 | -.064 | -.620 | |
| 104 | 520 | - | 225 | .056 | -.064 | -.544 | 108 | 533 | - | .863 | -.423 | -.273 | 112 | 703 | - | .256 | .086 | -.006 | -.754 | |
| 104 | 526 | - | 497 | .281 | -.136 | -.078 | 108 | 544 | - | .704 | -.382 | -.231 | 112 | 719 | - | .211 | .037 | -.108 | .499 | |
| 104 | 527 | - | 595 | .355 | .281 | .529 | 108 | 545 | - | .863 | -.427 | -.139 | 112 | 933 | - | .124 | .043 | -.046 | -.412 | |
| 104 | 528 | - | 232 | .050 | -.055 | -.542 | 108 | 553 | - | .616 | -.340 | -.096 | 112 | 936 | - | .175 | .087 | -.087 | .267 | |
| 104 | 529 | - | 223 | .052 | -.083 | -.554 | 108 | 554 | - | .703 | -.328 | -.206 | 114 | 401 | - | .301 | .328 | 1.118 | -.1 | .052 |
| 104 | 533 | - | 485 | .272 | .213 | .030 | 108 | 565 | - | .183 | -.024 | -.071 | 114 | 501 | - | .263 | .078 | -.058 | -.686 | |
| 104 | 536 | - | 590 | .374 | .358 | .324 | 108 | 703 | - | .239 | -.069 | -.013 | 114 | 509 | -1.346 | .573 | .047 | -.4 | .167 | |
| 104 | 544 | - | 516 | .289 | -.225 | -.287 | 108 | 719 | - | .197 | -.031 | -.106 | 114 | 517 | -1.131 | .462 | .026 | -.33 | .387 | |
| 104 | 545 | - | 589 | .323 | .136 | .804 | 108 | 933 | - | .106 | -.033 | -.023 | 114 | 518 | - | .162 | .190 | -.1 | .092 | |
| 104 | 554 | - | 480 | .254 | .120 | .170 | 108 | 936 | - | .168 | -.020 | -.104 | 114 | 519 | -1.162 | .086 | .066 | -.3 | .826 | |
| 104 | 555 | - | 551 | .028 | .155 | .469 | 110 | 401 | - | .263 | -.314 | 1.169 | 114 | 520 | - | .244 | .071 | -.044 | -.672 | |
| 104 | 565 | - | 186 | .024 | .109 | .329 | 110 | 501 | - | .238 | -.062 | -.037 | 114 | 526 | - | .961 | .116 | -.116 | -.9 | .958 |
| 104 | 703 | - | 249 | .087 | -.030 | -.830 | 110 | 509 | -1.264 | .530 | -.066 | -.3 | 114 | 527 | -1.226 | .562 | .348 | -.3 | .812 | |
| 104 | 719 | - | 215 | .043 | -.105 | -.438 | 110 | 517 | -1.040 | .391 | -.003 | -.2 | 114 | 528 | - | .251 | .064 | -.072 | -.630 | |
| 104 | 933 | - | 117 | .031 | -.019 | -.230 | 110 | 518 | -1.126 | .408 | -.052 | -.2 | 114 | 529 | - | .242 | .060 | -.077 | -.601 | |
| 104 | 936 | - | 175 | .023 | -.065 | -.255 | 110 | 519 | - | .226 | -.060 | -.050 | 114 | 533 | - | .960 | .491 | -.139 | -.3 | .080 |
| 106 | 401 | - | 072 | .308 | .932 | .753 | 110 | 520 | - | .221 | -.056 | -.068 | 114 | 534 | -1.121 | .524 | .310 | -.3 | .629 | |
| 106 | 501 | - | 237 | .071 | -.030 | -.639 | 110 | 526 | - | .929 | -.416 | -.056 | 114 | 544 | -1.930 | .501 | .270 | -.3 | .739 | |
| 106 | 509 | - | 818 | .420 | .050 | .973 | 110 | 527 | -1.153 | .479 | -.298 | -.3 | 114 | 545 | -1.082 | .474 | .317 | -.3 | .303 | |
| 106 | 517 | - | 688 | .330 | .161 | .345 | 110 | 528 | - | .226 | -.056 | -.073 | 114 | 533 | - | .830 | .454 | -.123 | -.3 | .673 |
| 106 | 518 | - | 742 | .357 | .224 | .796 | 110 | 529 | - | .216 | -.049 | -.045 | 114 | 554 | -1.036 | .418 | .172 | -.3 | .861 | |
| 106 | 519 | - | 230 | .063 | -.021 | -.677 | 110 | 535 | - | .887 | -.426 | -.120 | 114 | 565 | - | .198 | .031 | -.094 | -.3 | .397 |
| 106 | 520 | - | 226 | .053 | -.078 | -.495 | 110 | 536 | -1.092 | .455 | -.127 | -.2 | 114 | 703 | - | .258 | .085 | -.024 | -.3 | .675 |
| 106 | 526 | - | 579 | .320 | .172 | -.044 | 110 | 544 | - | .880 | -.481 | -.087 | 114 | 719 | - | .218 | .037 | -.101 | -.3 | .455 |
| 106 | 527 | - | 704 | .389 | .356 | .961 | 110 | 545 | - | .938 | -.422 | -.182 | 114 | 933 | - | .119 | .051 | -.176 | -.3 | .490 |
| 106 | 528 | - | 234 | .062 | -.070 | -.601 | 110 | 553 | - | .657 | -.357 | -.184 | 114 | 936 | - | .173 | .024 | -.066 | -.3 | .257 |
| 106 | 529 | - | 225 | .056 | -.075 | -.656 | 110 | 554 | - | .724 | -.327 | -.056 | 116 | 401 | - | .355 | .279 | 1.168 | -.3 | .826 |
| 106 | 535 | - | 594 | .311 | .285 | .269 | 110 | 565 | - | .183 | -.025 | -.100 | 116 | 501 | - | .261 | .080 | -.058 | -.3 | .688 |
| 106 | 536 | - | 695 | .338 | .287 | .317 | 110 | 703 | - | .239 | -.069 | -.001 | 116 | 509 | -1.489 | .566 | .009 | -.3 | .825 | |
| 106 | 544 | - | 601 | .333 | .143 | .765 | 110 | 719 | - | .198 | -.032 | -.086 | 116 | 517 | -1.259 | .470 | .112 | -.4 | .130 | |
| 106 | 545 | - | 660 | .364 | .337 | .556 | 110 | 933 | - | .111 | -.033 | -.117 | 116 | 518 | -1.294 | .431 | .049 | -.3 | .213 | |
| 106 | 553 | - | 563 | .311 | .124 | -.637 | 110 | 936 | - | .167 | -.021 | -.062 | 116 | 519 | - | .260 | .077 | -.047 | -.3 | .677 |
| 106 | 554 | - | 638 | .295 | .161 | -.663 | 112 | 401 | - | .225 | -.344 | 1.002 | 116 | 520 | - | .256 | .073 | -.044 | -.3 | .670 |
| 106 | 565 | - | 187 | .027 | -.104 | -.351 | 112 | 501 | - | .258 | -.079 | -.043 | 116 | 526 | - | .104 | .486 | -.148 | -.3 | .195 |
| 106 | 703 | - | 243 | .079 | -.008 | -.706 | 112 | 509 | -1.198 | .544 | -.011 | -.3 | 116 | 527 | -1.332 | .535 | .331 | -.3 | .915 | |
| 106 | 719 | - | 206 | .039 | -.102 | -.461 | 112 | 517 | - | .971 | -.441 | -.053 | 116 | 528 | - | .254 | .067 | -.079 | -.3 | .742 |
| 106 | 933 | - | 115 | .031 | -.077 | -.247 | 112 | 518 | -1.041 | .441 | -.095 | -.2 | 116 | 529 | - | .246 | .060 | -.084 | -.3 | .553 |
| 106 | 936 | - | 172 | .022 | -.069 | -.273 | 112 | 519 | - | .250 | -.077 | -.041 | 116 | 535 | -1.054 | .504 | .258 | -.3 | .484 | |
| 108 | 401 | - | 144 | .315 | 1.093 | .702 | 112 | 520 | - | .239 | -.069 | -.036 | 116 | 536 | -1.252 | .534 | .501 | -.3 | .884 | |
| 108 | 501 | - | 237 | .063 | -.049 | -.642 | 112 | 526 | - | .876 | -.441 | -.261 | 116 | 544 | - | .993 | .499 | -.258 | -.3 | .153 |

| WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPHEAN | CPRMS | CPMAX | CPMIN | | | | | | |
|-----|-----|--------|-------|-------|-------|----|------|--------|-------|-------|-------|------|-------|--------|-------|-------|-------|------|------|-------|-------|------|------|
| 116 | 545 | -1 | 127 | .483 | .361 | -4 | 043 | 120 | 933 | - | .090 | .059 | -.208 | -.293 | 126 | 518 | -1 | .361 | .301 | -.254 | -2 | .625 | |
| 116 | 553 | - | .862 | .476 | .270 | -4 | .419 | 120 | 936 | - | .169 | .029 | -.015 | -.270 | 126 | 519 | - | .344 | .124 | -.048 | -1 | .006 | |
| 116 | 554 | -1 | .063 | .389 | .103 | -3 | .101 | 122 | 401 | - | .459 | .149 | 1.097 | - | .606 | 126 | 520 | - | .337 | .123 | -.006 | -1 | .980 |
| 116 | 565 | - | .203 | .032 | -.078 | - | .505 | 122 | 501 | - | .390 | .145 | -.075 | -1 | .123 | 126 | 526 | -1 | .422 | .452 | -.096 | -2 | .916 |
| 116 | 703 | - | .259 | .089 | -.010 | - | .833 | 122 | 509 | -1 | .752 | .517 | -.327 | -4 | .237 | 126 | 527 | -1 | .460 | .357 | -.272 | -3 | .177 |
| 116 | 719 | - | .220 | .033 | -.090 | - | .419 | 122 | 517 | -1 | .494 | .370 | -.120 | -3 | .092 | 126 | 528 | - | .333 | .115 | -.057 | -1 | .029 |
| 116 | 933 | - | .103 | .055 | -.203 | - | .359 | 122 | 518 | -1 | .455 | .332 | -.332 | -4 | .248 | 126 | 529 | - | .326 | .105 | -.048 | -1 | .848 |
| 116 | 936 | - | .173 | .027 | -.073 | - | .285 | 122 | 519 | - | .318 | .104 | -.061 | - | .825 | 126 | 533 | -1 | .409 | .483 | -.112 | -3 | .539 |
| 118 | 401 | - | .387 | .052 | 1.036 | - | .790 | 122 | 520 | - | .309 | .098 | -.029 | - | .795 | 126 | 536 | -1 | .470 | .387 | -.000 | -2 | .323 |
| 118 | 501 | - | .278 | .291 | .002 | - | .708 | 122 | 526 | -1 | .528 | .397 | -.039 | -3 | .546 | 126 | 544 | -1 | .235 | .512 | -.335 | -2 | .998 |
| 118 | 509 | -1 | .653 | .585 | -.038 | - | .729 | 122 | 527 | -1 | .609 | .363 | -.269 | -3 | .576 | 126 | 545 | -1 | .271 | .435 | -.344 | -2 | .891 |
| 118 | 517 | -1 | .332 | .423 | -.037 | - | .738 | 122 | 528 | -1 | .313 | .091 | -.084 | -1 | .026 | 126 | 553 | - | .981 | .490 | -.374 | -2 | .479 |
| 118 | 518 | -1 | .332 | .424 | -.032 | - | .777 | 122 | 529 | -1 | .295 | .075 | -.098 | - | .680 | 126 | 554 | -1 | .159 | .395 | -.352 | -2 | .895 |
| 118 | 519 | - | .263 | .079 | -.070 | - | .802 | 122 | 533 | -1 | .341 | .434 | -.090 | -3 | .879 | 126 | 565 | - | .240 | .046 | -.041 | - | .426 |
| 118 | 520 | - | .257 | .074 | -.018 | - | .803 | 122 | 536 | -1 | .550 | .380 | -.106 | -3 | .493 | 126 | 703 | - | .415 | .197 | -.045 | -1 | .225 |
| 118 | 527 | -1 | .243 | .509 | .002 | -4 | .434 | 122 | 544 | -1 | .441 | .463 | -.209 | -3 | .032 | 126 | 719 | - | .309 | .098 | -.000 | -1 | .262 |
| 118 | 528 | -1 | .487 | .545 | .042 | -4 | .678 | 122 | 545 | -1 | .421 | .369 | -.032 | -3 | .574 | 126 | 933 | - | .066 | .071 | -.308 | -1 | .306 |
| 118 | 529 | - | .264 | .067 | -.077 | - | .930 | 122 | 553 | -1 | .243 | .425 | -.154 | -2 | .972 | 126 | 936 | - | .198 | .038 | -.015 | - | .355 |
| 118 | 533 | -1 | .247 | .058 | -.063 | - | .560 | 122 | 554 | -1 | .290 | .337 | -.106 | -3 | .599 | 128 | 401 | - | .462 | .155 | -.977 | - | .114 |
| 118 | 535 | -1 | .180 | .535 | .423 | - | .855 | 122 | 565 | - | .231 | .045 | -.049 | - | .442 | 128 | 501 | - | .518 | .186 | -.050 | -1 | .378 |
| 118 | 536 | -1 | .380 | .532 | .323 | - | .770 | 122 | 703 | - | .348 | .159 | -.012 | -1 | .129 | 128 | 509 | -1 | .387 | .466 | -.156 | -3 | .693 |
| 118 | 544 | -1 | .095 | .496 | .119 | - | .888 | 122 | 719 | - | .288 | .078 | -.072 | - | .679 | 128 | 517 | -1 | .258 | .467 | -.117 | -2 | .852 |
| 118 | 545 | -1 | .186 | .294 | -.294 | - | .698 | 122 | 933 | - | .099 | .058 | -.306 | - | .293 | 128 | 518 | -1 | .270 | .315 | -.030 | -2 | .784 |
| 118 | 553 | -1 | .913 | .480 | .655 | - | .366 | 122 | 936 | - | .197 | .032 | -.072 | - | .319 | 128 | 519 | -1 | .348 | .135 | -.006 | -1 | .959 |
| 118 | 554 | -1 | .074 | .384 | .213 | -2 | .778 | 124 | 401 | - | .448 | .156 | -.658 | - | .658 | 128 | 520 | - | .359 | .134 | -.029 | -1 | .065 |
| 118 | 565 | - | .210 | .033 | -.094 | - | .383 | 124 | 501 | - | .442 | .165 | -.669 | -1 | .168 | 128 | 526 | -1 | .286 | .495 | -.150 | -2 | .874 |
| 118 | 703 | - | .268 | .097 | -.001 | - | .839 | 124 | 509 | -1 | .613 | .510 | -.294 | -4 | .219 | 128 | 527 | -1 | .362 | .383 | -.025 | -3 | .129 |
| 118 | 719 | - | .229 | .046 | -.117 | - | .441 | 124 | 517 | -1 | .505 | .363 | -.067 | -3 | .013 | 128 | 528 | -1 | .344 | .123 | -.020 | - | .931 |
| 118 | 933 | - | .093 | .058 | .257 | - | .311 | 124 | 518 | -1 | .388 | .322 | -.170 | -2 | .989 | 128 | 529 | - | .343 | .117 | -.016 | - | .846 |
| 118 | 936 | - | .169 | .027 | -.001 | - | .666 | 124 | 519 | -1 | .339 | .121 | -.003 | - | .940 | 128 | 535 | -1 | .247 | .540 | -.268 | -3 | .780 |
| 120 | 401 | - | .404 | .213 | 1.194 | - | .732 | 124 | 520 | - | .329 | .114 | -.031 | -3 | .959 | 128 | 536 | -1 | .365 | .420 | -.506 | -3 | .435 |
| 120 | 501 | - | .292 | .102 | -.027 | - | .797 | 124 | 526 | -1 | .467 | .432 | -.092 | -3 | .617 | 128 | 544 | -1 | .041 | .554 | .402 | -2 | .959 |
| 120 | 509 | -1 | .801 | .575 | .132 | -4 | .426 | 124 | 527 | -1 | .529 | .364 | -.176 | -3 | .523 | 128 | 545 | -1 | .201 | .442 | -.284 | -2 | .051 |
| 120 | 517 | - | .522 | .383 | -.060 | - | .664 | 124 | 528 | - | .326 | .100 | .064 | - | .930 | 128 | 553 | - | .830 | .491 | -.374 | -2 | .456 |
| 120 | 518 | -1 | .490 | .372 | -.053 | -3 | .207 | 124 | 529 | - | .312 | .094 | .004 | - | .876 | 128 | 554 | -1 | .011 | .443 | -.527 | -2 | .740 |
| 120 | 519 | - | .271 | .087 | -.067 | - | .727 | 124 | 535 | -1 | .543 | .445 | -.027 | -3 | .241 | 128 | 565 | - | .243 | .045 | -.060 | - | .477 |
| 120 | 520 | - | .262 | .079 | -.053 | - | .822 | 124 | 536 | -1 | .493 | .373 | -.065 | -3 | .279 | 128 | 703 | - | .441 | .204 | -.022 | -1 | .570 |
| 120 | 526 | -1 | .467 | .479 | -.019 | -4 | .221 | 124 | 544 | -1 | .380 | .476 | .123 | -3 | .352 | 128 | 719 | - | .320 | .118 | -.062 | -1 | .521 |
| 120 | 527 | -1 | .538 | .488 | -.002 | -4 | .433 | 124 | 545 | -1 | .428 | .389 | .088 | -2 | .319 | 128 | 933 | - | .065 | .080 | -.428 | - | .301 |
| 120 | 528 | - | .269 | .074 | -.006 | - | .722 | 124 | 553 | -1 | .103 | .452 | .344 | -2 | .818 | 128 | 936 | - | .199 | .043 | -.001 | - | .393 |
| 120 | 529 | - | .252 | .065 | -.020 | - | .605 | 124 | 554 | -1 | .190 | .382 | .132 | -2 | .827 | 130 | 401 | - | .499 | .155 | -.977 | - | .041 |
| 120 | 535 | -1 | .408 | .508 | .051 | - | .602 | 124 | 565 | - | .237 | .041 | -.062 | - | .457 | 130 | 501 | - | .564 | .186 | -.114 | -1 | .567 |
| 120 | 536 | -1 | .495 | .467 | -.287 | - | .980 | 124 | 703 | - | .395 | .095 | -.013 | -1 | .310 | 130 | 509 | -1 | .247 | .463 | -.015 | -3 | .104 |
| 120 | 544 | -1 | .161 | .511 | .347 | - | .622 | 124 | 719 | - | .310 | .095 | -.020 | - | .913 | 130 | 517 | -1 | .121 | .402 | -.207 | -2 | .654 |
| 120 | 545 | -1 | .277 | .439 | .364 | - | .132 | 124 | 933 | - | .092 | .064 | .415 | - | .293 | 130 | 518 | -1 | .159 | .352 | -.081 | -2 | .567 |
| 120 | 553 | - | .914 | .455 | .163 | - | .036 | 124 | 936 | - | .201 | .037 | -.006 | - | .357 | 130 | 519 | - | .361 | .143 | -.025 | -1 | .152 |
| 120 | 554 | -1 | .039 | .385 | .322 | - | .332 | 126 | 401 | - | .461 | .137 | -.899 | -1 | .015 | 130 | 520 | - | .358 | .136 | -.027 | -2 | .931 |
| 120 | 565 | - | .212 | .034 | -.075 | - | .414 | 126 | 501 | - | .488 | .186 | -.008 | - | .305 | 130 | 526 | -1 | .155 | .532 | -.220 | -3 | .810 |
| 120 | 703 | - | .283 | .117 | -.024 | - | .990 | 126 | 509 | -1 | .557 | .496 | -.208 | -3 | .752 | 130 | 527 | -1 | .316 | .404 | -.151 | -3 | .105 |
| 120 | 719 | - | .236 | .050 | -.031 | - | .500 | 126 | 517 | -1 | .380 | .376 | -.020 | -2 | .681 | 130 | 528 | - | .353 | .120 | -.048 | - | .894 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 130 | 529 | -.358 | .125 | -.034 | -.995 | 134 | 554 | -.905 | .443 | -.625 | -.303 | 140 | 401 | -.529 | .166 | 1.103 | -.097 |
| 130 | 535 | -1.051 | .534 | -.245 | -.332 | 134 | 565 | -.045 | -.139 | -.601 | -.430 | 140 | 501 | -.553 | .112 | -.217 | -.1258 |
| 130 | 536 | -1.249 | .433 | .194 | -.328 | 134 | 703 | -.390 | .162 | -.680 | -.143 | 140 | 509 | -.276 | .292 | -.471 | -.1658 |
| 130 | 544 | -.961 | .543 | .438 | -.270 | 134 | 719 | -.391 | .138 | -.026 | -.146 | 140 | 517 | -.130 | .343 | .535 | -.1416 |
| 130 | 545 | -1.053 | .457 | .511 | -.320 | 134 | 933 | -.108 | .061 | -.258 | -.336 | 140 | 518 | -.327 | .343 | .636 | -.1332 |
| 130 | 553 | -.686 | .474 | .433 | -.256 | 134 | 936 | -.242 | .040 | -.037 | -.381 | 140 | 519 | -.461 | .100 | -.107 | -.1042 |
| 130 | 554 | -.893 | .427 | .424 | -.253 | 136 | 401 | -.514 | .155 | -.937 | -.020 | 140 | 520 | -.525 | .118 | -.184 | -.1044 |
| 130 | 565 | -.241 | .045 | -.078 | -.449 | 136 | 501 | -.606 | .136 | -.248 | -.198 | 140 | 526 | -.144 | .293 | .523 | -.1783 |
| 130 | 703 | -.348 | .202 | -.008 | -.134 | 136 | 509 | -.670 | .354 | -.293 | -.892 | 140 | 527 | -.366 | .436 | .797 | -.1879 |
| 130 | 719 | -.443 | .127 | -.050 | -.144 | 136 | 517 | -.614 | .457 | -.351 | -.856 | 140 | 528 | -.467 | .109 | -.153 | -.939 |
| 130 | 933 | -.093 | .067 | -.440 | -.309 | 136 | 518 | -.743 | .342 | -.599 | -.241 | 140 | 529 | -.556 | .130 | -.237 | -.1104 |
| 130 | 936 | -.192 | .038 | -.036 | -.333 | 136 | 519 | -.445 | .168 | -.126 | -.987 | 140 | 533 | -.200 | .344 | .499 | -.1858 |
| 132 | 401 | -.483 | .158 | -.990 | -.032 | 136 | 520 | -.478 | .127 | -.121 | -.064 | 140 | 536 | -.424 | .406 | .778 | -.1848 |
| 132 | 501 | -.483 | .179 | -.177 | -.144 | 136 | 526 | -.372 | .470 | -.318 | -.160 | 140 | 544 | -.151 | .350 | .550 | -.1975 |
| 132 | 509 | -1.180 | .446 | -.022 | -.312 | 136 | 527 | -.837 | .413 | -.682 | -.230 | 140 | 545 | -.287 | .420 | .746 | -.1803 |
| 132 | 517 | -1.088 | .442 | .313 | -.249 | 136 | 528 | -.444 | .114 | -.114 | -.052 | 140 | 553 | -.169 | .275 | .636 | -.1771 |
| 132 | 518 | -1.095 | .349 | -.387 | -.241 | 136 | 529 | -.494 | .129 | -.075 | -.030 | 140 | 554 | -.207 | .360 | .833 | -.1842 |
| 132 | 519 | -.429 | .124 | -.057 | -.139 | 136 | 533 | -.660 | .531 | -.416 | -.513 | 140 | 565 | -.252 | .042 | -.095 | -.444 |
| 132 | 520 | -.442 | .127 | -.057 | -.100 | 136 | 536 | -.874 | .424 | -.689 | -.079 | 140 | 703 | -.443 | .094 | -.179 | -.849 |
| 132 | 526 | -1.176 | .522 | .215 | -.271 | 136 | 544 | -.601 | .504 | .442 | -.215 | 140 | 719 | -.334 | .103 | -.074 | -.1329 |
| 132 | 527 | -1.281 | .388 | -.107 | -.257 | 136 | 545 | -.733 | .449 | .622 | -.151 | 140 | 933 | -.148 | .047 | -.141 | -.358 |
| 132 | 528 | -.414 | .109 | -.069 | -.028 | 136 | 553 | -.454 | .416 | .576 | -.144 | 140 | 936 | -.241 | .034 | -.105 | -.382 |
| 132 | 529 | -.420 | .113 | -.150 | -.012 | 136 | 554 | -.626 | .424 | .515 | -.157 | 180 | 401 | -1.362 | .380 | -.271 | -.2654 |
| 132 | 535 | -1.215 | .522 | -.220 | -.259 | 136 | 565 | -.261 | .043 | -.125 | -.464 | 180 | 501 | -.420 | .055 | -.240 | -.689 |
| 132 | 536 | -1.250 | .402 | -.210 | -.218 | 136 | 703 | -.478 | .131 | -.128 | -.121 | 180 | 517 | -.325 | .167 | -.999 | -.073 |
| 132 | 544 | -1.166 | .486 | -.496 | -.275 | 136 | 719 | -.375 | .133 | -.116 | -.521 | 180 | 518 | -.258 | .169 | -.818 | -.235 |
| 132 | 545 | -1.168 | .404 | .340 | -.865 | 136 | 933 | -.127 | .058 | -.213 | -.394 | 180 | 519 | -.422 | .047 | -.292 | -.635 |
| 132 | 553 | -.973 | .490 | .321 | -.310 | 136 | 936 | -.238 | .039 | -.040 | -.390 | 180 | 520 | -.447 | .052 | -.312 | -.687 |
| 132 | 554 | -1.117 | .382 | .333 | -.237 | 138 | 401 | -.508 | .155 | -.954 | -.118 | 180 | 526 | -.493 | .186 | 1.032 | -.043 |
| 132 | 565 | -.279 | .046 | -.118 | -.324 | 138 | 501 | -.550 | .112 | -.218 | -.996 | 180 | 527 | -.021 | .199 | .781 | -.611 |
| 132 | 703 | -.516 | .183 | -.037 | -.150 | 138 | 509 | -.451 | .327 | .368 | -.172 | 180 | 528 | -.429 | .048 | -.309 | -.637 |
| 132 | 719 | -.409 | .129 | -.109 | -.150 | 138 | 517 | -.304 | .388 | .495 | -.664 | 180 | 529 | -.462 | .057 | -.319 | -.731 |
| 132 | 933 | -.102 | .063 | -.178 | -.455 | 138 | 518 | -.503 | .361 | .540 | -.695 | 180 | 535 | -.424 | .180 | 1.067 | -.188 |
| 132 | 936 | -.441 | .041 | -.085 | -.141 | 138 | 519 | -.437 | .100 | -.140 | -.057 | 180 | 536 | -.061 | .227 | .721 | -.843 |
| 134 | 401 | -.490 | .158 | -.959 | -.080 | 138 | 520 | -.500 | .128 | -.081 | -.977 | 180 | 544 | -.396 | .174 | .895 | -.220 |
| 134 | 501 | -.613 | .149 | -.175 | -.294 | 138 | 526 | -.337 | .388 | .327 | -.843 | 180 | 545 | -.082 | .298 | .723 | -.546 |
| 134 | 509 | -.912 | .408 | -.167 | -.247 | 138 | 527 | -.540 | .468 | .622 | -.895 | 180 | 554 | -.063 | .177 | -.740 | -.536 |
| 134 | 517 | -.850 | .430 | .341 | -.083 | 138 | 528 | -.453 | .118 | -.060 | -.126 | 180 | 565 | -.420 | .072 | -.167 | -.785 |
| 134 | 518 | -.918 | .336 | .514 | -.203 | 138 | 529 | -.528 | .128 | -.206 | -.046 | 180 | 703 | -.401 | .063 | -.185 | -.676 |
| 134 | 519 | -.429 | .114 | -.068 | -.002 | 138 | 535 | -.307 | .406 | .751 | -.015 | 180 | 719 | -.481 | .083 | -.259 | -.1065 |
| 134 | 520 | -.466 | .127 | -.056 | -.190 | 138 | 536 | -.578 | .451 | .836 | -.107 | 180 | 933 | -.460 | .112 | -.162 | -.998 |
| 134 | 526 | -.876 | .529 | .327 | -.336 | 138 | 544 | -.302 | .411 | .574 | -.062 | 180 | 936 | -.574 | .290 | .011 | -.217 |
| 134 | 527 | -1.025 | .417 | .456 | -.263 | 138 | 545 | -.469 | .459 | .671 | -.439 | 182 | 401 | -1.622 | .435 | -.407 | -.444 |
| 134 | 528 | -.419 | .116 | -.080 | -.050 | 138 | 553 | -.254 | .316 | .525 | -.108 | 182 | 501 | -.431 | .059 | -.238 | -.664 |
| 134 | 529 | -.455 | .126 | -.144 | -.043 | 138 | 554 | -.359 | .382 | -.669 | -.007 | 182 | 517 | -.476 | .165 | .922 | -.388 |
| 134 | 535 | -.892 | .539 | .256 | -.214 | 138 | 565 | -.247 | .039 | -.116 | -.411 | 182 | 518 | -.198 | .155 | .759 | -.188 |
| 134 | 536 | -1.053 | .428 | .498 | -.097 | 138 | 703 | -.448 | .103 | -.154 | -.920 | 182 | 519 | -.420 | .044 | -.270 | -.630 |
| 134 | 544 | -.833 | .512 | .520 | -.343 | 138 | 719 | -.328 | .096 | -.065 | -.074 | 182 | 520 | -.438 | .044 | -.283 | -.692 |
| 134 | 545 | -1.027 | .409 | .465 | -.488 | 138 | 933 | -.131 | .057 | -.219 | -.332 | 182 | 526 | -.467 | .171 | 1.106 | -.123 |
| 134 | 553 | -.724 | .479 | .637 | -.245 | 138 | 936 | -.237 | .058 | -.062 | -.388 | 182 | 527 | -.142 | .203 | .660 | -.819 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 182 | 528 | -.423 | .047 | -.295 | -.612 | 186 | 933 | -.520 | .112 | -.175 | -1.166 | 192 | 528 | -.455 | .071 | -.218 | -.756 |
| 182 | 529 | -.448 | .052 | -.298 | -.687 | 186 | 936 | -.576 | .267 | -.010 | -1.825 | 192 | 529 | -.454 | .064 | -.265 | -.678 |
| 182 | 535 | -.377 | .168 | -.936 | -.096 | 188 | 401 | -1.485 | .513 | -.498 | -3.273 | 192 | 535 | -.223 | .154 | -.671 | -.351 |
| 182 | 544 | -.169 | .583 | -.814 | -.181 | 188 | 501 | -.456 | .071 | -.219 | -.736 | 192 | 536 | -.253 | .208 | -.340 | -1.415 |
| 182 | 545 | -.360 | .183 | -.168 | -.814 | 188 | 517 | -.380 | .163 | -.917 | -.106 | 192 | 544 | -.204 | .170 | -.729 | -.363 |
| 182 | 554 | -.008 | .200 | -.755 | -.779 | 188 | 518 | -.062 | .156 | -.580 | -.455 | 192 | 545 | -.152 | .181 | -.567 | -.917 |
| 182 | 554 | -.019 | .174 | -.773 | -.650 | 188 | 519 | -.436 | .039 | -.231 | -.646 | 192 | 554 | -.175 | .161 | -.379 | -.748 |
| 182 | 565 | -.407 | .079 | -.156 | -.618 | 188 | 520 | -.445 | .032 | -.222 | -.648 | 192 | 555 | -.320 | .064 | -.104 | -.619 |
| 182 | 703 | -.064 | .200 | -.200 | -.767 | 188 | 526 | -.390 | .164 | -.934 | -.088 | 192 | 703 | -.441 | .081 | -.171 | -.778 |
| 182 | 719 | -.468 | .089 | -.188 | -.941 | 188 | 527 | -.241 | .182 | -.350 | -.874 | 192 | 719 | -.439 | .082 | -.223 | -.906 |
| 182 | 933 | -.488 | .115 | -.146 | -1.114 | 188 | 528 | -.419 | .036 | -.249 | -.656 | 192 | 933 | -.553 | .128 | -.089 | -1.385 |
| 182 | 936 | -.608 | .297 | -.051 | -1.019 | 188 | 529 | -.448 | .033 | -.297 | -.671 | 192 | 936 | -.570 | .271 | -.032 | -2.029 |
| 184 | 401 | -1.721 | .431 | -.585 | -1.072 | 188 | 535 | -.270 | .171 | -.899 | -.280 | 194 | 401 | -.811 | .289 | -.384 | -3.044 |
| 184 | 501 | -.435 | .059 | -.241 | -.664 | 188 | 536 | -.317 | .197 | -.310 | -1.056 | 194 | 501 | -.481 | .081 | -.228 | -.765 |
| 184 | 517 | -.448 | .159 | -.985 | -.034 | 188 | 544 | -.267 | .180 | -.834 | -.323 | 194 | 517 | -.370 | .149 | -.788 | -.156 |
| 184 | 518 | -.130 | .153 | -.832 | -.364 | 188 | 545 | -.144 | .186 | -.478 | -.774 | 194 | 518 | -.089 | .140 | -.566 | -.505 |
| 184 | 519 | -.401 | .041 | -.263 | -.573 | 188 | 554 | -.121 | .176 | -.563 | -.868 | 194 | 519 | -.464 | .070 | -.248 | -.692 |
| 184 | 520 | -.425 | .046 | -.268 | -.600 | 188 | 565 | -.342 | .068 | -.110 | -.733 | 194 | 520 | -.464 | .066 | -.293 | -.700 |
| 184 | 526 | -.406 | .186 | -.960 | -.213 | 188 | 703 | -.433 | .073 | -.188 | -.731 | 194 | 526 | -.326 | .161 | -.888 | -.226 |
| 184 | 527 | -.193 | .189 | -.661 | -.869 | 188 | 719 | -.451 | .089 | -.180 | -1.033 | 194 | 527 | -.123 | .164 | -.347 | -.887 |
| 184 | 528 | -.413 | .045 | -.251 | -.630 | 188 | 933 | -.554 | .116 | -.210 | -1.491 | 194 | 528 | -.478 | .072 | -.240 | -.757 |
| 184 | 529 | -.441 | .030 | -.300 | -.787 | 188 | 936 | -.579 | .272 | -.038 | -2.512 | 194 | 529 | -.463 | .068 | -.270 | -.690 |
| 184 | 535 | -.346 | .155 | -.903 | -.141 | 190 | 401 | -1.221 | .476 | -.466 | -3.895 | 194 | 535 | -.278 | .164 | -.848 | -.268 |
| 184 | 536 | -.240 | .204 | -.622 | -1.010 | 190 | 501 | -.470 | .080 | -.202 | -.741 | 194 | 536 | -.209 | .186 | -.372 | -1.179 |
| 184 | 544 | -.294 | .162 | -.921 | -.173 | 190 | 517 | -.356 | .164 | -.949 | -.153 | 194 | 544 | -.199 | .163 | -.770 | -.434 |
| 184 | 545 | -.063 | .189 | -.634 | -.748 | 190 | 518 | -.072 | .162 | -.650 | -.504 | 194 | 545 | -.149 | .181 | -.410 | -.821 |
| 184 | 554 | -.033 | .165 | -.669 | -.644 | 190 | 519 | -.437 | .062 | -.260 | -.678 | 194 | 554 | -.183 | .155 | -.315 | -.854 |
| 184 | 565 | -.366 | .071 | -.161 | -.686 | 190 | 520 | -.454 | .064 | -.260 | -.753 | 194 | 565 | -.318 | .062 | -.625 | -.553 |
| 184 | 703 | -.406 | .062 | -.193 | -.637 | 190 | 526 | -.367 | .170 | -.943 | -.196 | 194 | 703 | -.469 | .087 | -.182 | -.762 |
| 184 | 719 | -.446 | .079 | -.191 | -.967 | 190 | 527 | -.199 | .208 | -.411 | -.947 | 194 | 719 | -.447 | .092 | -.212 | -1.003 |
| 184 | 933 | -.487 | .116 | -.171 | -.821 | 190 | 528 | -.432 | .061 | -.257 | -.708 | 194 | 933 | -.573 | .131 | -.237 | -1.383 |
| 184 | 936 | -.583 | .278 | -.007 | -1.097 | 190 | 529 | -.449 | .038 | -.282 | -.706 | 194 | 936 | -.554 | .259 | -.024 | -2.321 |
| 186 | 401 | -1.682 | .478 | -.615 | -1.082 | 190 | 535 | -.250 | .187 | -.843 | -.298 | 196 | 401 | -.699 | .167 | -.381 | -1.981 |
| 186 | 501 | -.445 | .068 | -.210 | -.699 | 190 | 536 | -.285 | .205 | -.364 | -1.182 | 196 | 501 | -.490 | .078 | -.219 | -.759 |
| 186 | 517 | -.406 | .155 | -.939 | -.039 | 190 | 544 | -.210 | .156 | -.793 | -.286 | 196 | 517 | -.359 | .151 | -.773 | -.181 |
| 186 | 518 | -.083 | .152 | -.694 | -.511 | 190 | 545 | -.167 | .179 | -.431 | -.952 | 196 | 518 | -.116 | .127 | -.574 | -.352 |
| 186 | 519 | -.410 | .046 | -.249 | -.603 | 190 | 554 | -.147 | .166 | -.583 | -.657 | 196 | 519 | -.477 | .070 | -.219 | -.693 |
| 186 | 520 | -.431 | .047 | -.279 | -.635 | 190 | 565 | -.329 | .066 | -.109 | -.685 | 196 | 520 | -.472 | .070 | -.239 | -.728 |
| 186 | 526 | -.372 | .158 | -.877 | -.079 | 190 | 703 | -.437 | .082 | -.191 | -.791 | 196 | 526 | -.341 | .152 | -.813 | -.189 |
| 186 | 527 | -.245 | .172 | -.533 | -.901 | 190 | 719 | -.437 | .088 | -.231 | -1.084 | 196 | 527 | -.106 | .136 | -.340 | -.730 |
| 186 | 528 | -.417 | .048 | -.269 | -.640 | 190 | 933 | -.557 | .115 | -.238 | -1.099 | 196 | 528 | -.503 | .078 | -.294 | -.741 |
| 186 | 529 | -.441 | .048 | -.289 | -.630 | 190 | 936 | -.560 | .277 | -.665 | -.205 | 196 | 529 | -.464 | .072 | -.236 | -.693 |
| 186 | 535 | -.301 | .159 | -.835 | -.235 | 192 | 401 | -.927 | .358 | -.374 | -3.237 | 196 | 535 | -.276 | .163 | -.715 | -.191 |
| 186 | 536 | -.297 | .192 | -.416 | -1.055 | 192 | 501 | -.482 | .087 | -.210 | -.781 | 196 | 536 | -.173 | .153 | -.302 | -.961 |
| 186 | 544 | -.257 | .172 | -.921 | -.252 | 192 | 517 | -.324 | .152 | -.825 | -1.113 | 196 | 544 | -.175 | .162 | -.843 | -.371 |
| 186 | 545 | -.118 | .172 | -.622 | -.676 | 192 | 518 | -.069 | .161 | -.519 | -.561 | 196 | 545 | -.129 | .161 | -.388 | -.748 |
| 186 | 554 | -.077 | .152 | -.477 | -.676 | 192 | 519 | -.454 | .070 | -.265 | -.713 | 196 | 554 | -.157 | .163 | -.349 | -.680 |
| 186 | 565 | -.368 | .068 | -.135 | -.750 | 192 | 520 | -.474 | .071 | -.293 | -.726 | 196 | 565 | -.322 | .063 | -.125 | -.618 |
| 186 | 703 | -.415 | .067 | -.177 | -.767 | 192 | 526 | -.322 | .171 | -.911 | -.306 | 196 | 703 | -.477 | .088 | -.143 | -.798 |
| 186 | 719 | -.438 | .087 | -.182 | -1.185 | 192 | 527 | -.140 | .185 | -.395 | -.887 | 196 | 719 | -.458 | .098 | -.208 | -1.087 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | | | |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|------|-----|--------|-------|-------|-------|----|-----|--|
| 196 | 933 | 607 | 148 | 211 | -1 | 331 | 230 | 528 | 473 | 080 | 203 | 800 | 234 | 933 | 645 | 185 | 109 | -1 | 476 | |
| 196 | 936 | 583 | 290 | 045 | -1 | 171 | 230 | 529 | 063 | 085 | 248 | 342 | 234 | 936 | 591 | 225 | 098 | -1 | 753 | |
| 198 | 401 | 626 | 127 | 354 | -2 | 049 | 230 | 535 | 281 | 078 | 002 | 531 | 236 | 401 | 458 | 087 | 232 | - | 706 | |
| 198 | 501 | 484 | 078 | 182 | - | 792 | 230 | 536 | 523 | 074 | 266 | 800 | 236 | 501 | 233 | 073 | 049 | - | 504 | |
| 198 | 517 | 318 | 146 | 736 | - | 134 | 230 | 544 | 283 | 083 | 138 | 571 | 236 | 517 | 242 | 065 | 014 | - | 441 | |
| 198 | 518 | 072 | 121 | 411 | - | 422 | 230 | 545 | 464 | 082 | 179 | 748 | 236 | 518 | 369 | 059 | 180 | - | 630 | |
| 198 | 519 | 480 | 069 | 244 | - | 762 | 230 | 554 | 442 | 085 | 064 | 763 | 236 | 519 | 190 | 077 | 127 | - | 472 | |
| 198 | 520 | 456 | 066 | 249 | - | 690 | 230 | 555 | 214 | 106 | 352 | 620 | 236 | 520 | 045 | 097 | 406 | - | 240 | |
| 198 | 526 | 297 | 152 | 976 | - | 178 | 230 | 719 | 588 | 133 | 273 | 773 | 236 | 526 | 315 | 074 | 053 | - | 539 | |
| 198 | 527 | 121 | 113 | 263 | - | 584 | 230 | 933 | 699 | 208 | 164 | 571 | 236 | 527 | 503 | 075 | 259 | - | 741 | |
| 198 | 528 | 517 | 080 | 249 | - | 815 | 230 | 936 | 671 | 267 | 665 | 459 | 236 | 528 | 409 | 084 | 120 | - | 761 | |
| 198 | 529 | 451 | 071 | 222 | - | 662 | 232 | 401 | 469 | 067 | 225 | 772 | 236 | 529 | 449 | 102 | 441 | - | 278 | |
| 198 | 535 | 228 | 143 | 705 | - | 228 | 232 | 501 | 275 | 071 | 084 | 547 | 236 | 535 | 338 | 073 | 017 | - | 592 | |
| 198 | 536 | 197 | 139 | 236 | - | 953 | 232 | 517 | 207 | 072 | 031 | 464 | 236 | 536 | 525 | 086 | 267 | - | 791 | |
| 198 | 544 | 175 | 145 | 722 | - | 346 | 232 | 518 | 358 | 062 | 092 | 603 | 236 | 544 | 477 | 083 | 005 | - | 612 | |
| 198 | 545 | 136 | 155 | 341 | - | 850 | 232 | 519 | 249 | 064 | 032 | 522 | 236 | 545 | 477 | 088 | 201 | - | 776 | |
| 198 | 554 | 172 | 159 | 439 | - | 763 | 232 | 520 | 046 | 090 | 290 | 303 | 236 | 554 | 452 | 097 | 157 | - | 894 | |
| 198 | 565 | 324 | 066 | 122 | - | 628 | 232 | 526 | 274 | 073 | 042 | 508 | 236 | 565 | 151 | 117 | 329 | - | 566 | |
| 198 | 703 | 478 | 087 | 157 | - | 840 | 232 | 527 | 498 | 074 | 233 | 761 | 236 | 703 | 468 | 064 | 210 | - | 761 | |
| 198 | 719 | 466 | 089 | 182 | - | 974 | 232 | 528 | 452 | 079 | 232 | 761 | 236 | 719 | 664 | 196 | 230 | - | 434 | |
| 198 | 933 | 600 | 141 | 172 | -1 | 216 | 232 | 529 | 029 | 097 | 311 | 349 | 236 | 933 | 601 | 203 | 111 | -1 | 983 | |
| 198 | 936 | 587 | 280 | 037 | -1 | 260 | 232 | 535 | 317 | 078 | 009 | 612 | 238 | 936 | 548 | 202 | 063 | -1 | 700 | |
| 200 | 401 | 597 | 104 | 368 | -1 | 502 | 232 | 536 | 549 | 079 | 226 | 811 | 238 | 401 | 449 | 067 | 238 | - | 730 | |
| 200 | 501 | 487 | 076 | 266 | - | 754 | 232 | 544 | 318 | 080 | 019 | 561 | 238 | 501 | 216 | 077 | 026 | - | 506 | |
| 200 | 517 | 302 | 134 | 794 | - | 137 | 232 | 545 | 480 | 080 | 153 | 788 | 238 | 517 | 263 | 063 | 009 | - | 453 | |
| 200 | 518 | 066 | 113 | 432 | - | 321 | 232 | 554 | 444 | 096 | 125 | 734 | 238 | 518 | 378 | 058 | 164 | - | 581 | |
| 200 | 519 | 492 | 068 | 243 | - | 701 | 232 | 565 | 193 | 099 | 258 | 656 | 238 | 519 | 153 | 079 | 136 | - | 376 | |
| 200 | 520 | 456 | 070 | 246 | - | 681 | 232 | 703 | 499 | 068 | 230 | 749 | 238 | 520 | 077 | 104 | 440 | - | 284 | |
| 200 | 526 | 262 | 141 | 723 | - | 256 | 232 | 719 | 605 | 153 | 235 | 415 | 238 | 526 | 351 | 068 | 075 | - | 584 | |
| 200 | 527 | 136 | 104 | 249 | - | 566 | 232 | 933 | 672 | 199 | 113 | 811 | 238 | 527 | 495 | 067 | 291 | - | 706 | |
| 200 | 528 | 514 | 080 | 228 | - | 807 | 232 | 936 | 628 | 250 | 043 | 1631 | 238 | 528 | 376 | 085 | 027 | - | 648 | |
| 200 | 529 | 428 | 074 | 213 | - | 656 | 234 | 401 | 474 | 067 | 199 | 710 | 238 | 529 | 074 | 110 | 540 | - | 249 | |
| 200 | 535 | 211 | 138 | 678 | - | 258 | 234 | 501 | 259 | 076 | 018 | 536 | 238 | 535 | 356 | 075 | 022 | - | 614 | |
| 200 | 536 | 199 | 113 | 156 | - | 995 | 234 | 517 | 234 | 069 | 051 | 437 | 238 | 536 | 511 | 081 | 226 | - | 796 | |
| 200 | 544 | 179 | 149 | 802 | - | 276 | 234 | 518 | 374 | 055 | 128 | 558 | 238 | 544 | 458 | 083 | 053 | - | 684 | |
| 200 | 545 | 130 | 136 | 370 | - | 856 | 234 | 519 | 227 | 078 | 061 | 523 | 238 | 545 | 451 | 092 | 120 | - | 751 | |
| 200 | 554 | 194 | 139 | 386 | - | 850 | 234 | 520 | 003 | 098 | 366 | 321 | 238 | 554 | 114 | 122 | 391 | - | 532 | |
| 200 | 565 | 312 | 063 | 113 | - | 596 | 234 | 526 | 307 | 069 | 063 | 555 | 238 | 565 | 467 | 066 | 183 | - | 743 | |
| 200 | 703 | 479 | 082 | 228 | - | 795 | 234 | 527 | 506 | 067 | 263 | 724 | 238 | 703 | 712 | 192 | 275 | -1 | 727 | |
| 200 | 719 | 475 | 096 | 143 | - | 985 | 234 | 528 | 434 | 082 | 138 | 854 | 238 | 933 | 593 | 229 | 172 | - | 140 | |
| 200 | 933 | 607 | 152 | 168 | -1 | 349 | 234 | 529 | 011 | 104 | 431 | 313 | 238 | 936 | 521 | 191 | 014 | -1 | 449 | |
| 200 | 936 | 640 | 030 | 030 | -3 | 166 | 234 | 535 | 337 | 078 | 027 | 626 | 240 | 401 | 437 | 069 | 204 | - | 828 | |
| 230 | 401 | 483 | 065 | 235 | - | 803 | 234 | 536 | 569 | 074 | 324 | 803 | 240 | 501 | 191 | 081 | 161 | - | 681 | |
| 230 | 501 | 314 | 068 | 034 | - | 541 | 234 | 544 | 327 | 083 | 011 | 631 | 240 | 517 | 284 | 059 | 047 | - | 516 | |
| 230 | 517 | 182 | 073 | 116 | - | 427 | 234 | 545 | 484 | 086 | 161 | 735 | 240 | 518 | 384 | 057 | 199 | - | 570 | |
| 230 | 518 | 330 | 060 | 106 | - | 564 | 234 | 554 | 466 | 085 | 176 | 824 | 240 | 519 | 137 | 083 | 179 | - | 407 | |
| 230 | 519 | 267 | 070 | 014 | - | 539 | 234 | 565 | 165 | 118 | 421 | 620 | 240 | 520 | 107 | 105 | 443 | - | 280 | |
| 230 | 520 | 073 | 088 | 238 | - | 422 | 234 | 703 | 491 | 069 | 249 | 768 | 240 | 526 | 348 | 068 | 073 | - | 579 | |
| 230 | 526 | 251 | 081 | 118 | - | 501 | 234 | 719 | 614 | 174 | 267 | 698 | 240 | 527 | 492 | 070 | 306 | - | 772 | |
| 230 | 527 | 485 | 071 | 219 | - | 703 | 234 | | | | | | 240 | | | | | | | |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 240 | 528 | -363 | .091 | .024 | -.669 | 244 | 933 | -.646 | .285 | -.193 | -2.094 | 250 | 528 | -.244 | .106 | .122 | -.660 |
| 240 | 529 | -.098 | .111 | .501 | -.291 | 244 | 936 | -.561 | .183 | -.050 | -1.327 | 250 | 529 | -.270 | .126 | .126 | -.163 |
| 240 | 535 | -.376 | .074 | -.103 | -.596 | 246 | 401 | -.402 | .071 | -.175 | -.645 | 250 | 535 | -.405 | .068 | -.191 | -.649 |
| 240 | 536 | -.508 | .081 | -.233 | -.790 | 246 | 501 | -.113 | .086 | -.195 | -.478 | 250 | 536 | -.438 | .077 | -.136 | -.839 |
| 240 | 544 | -.347 | .083 | -.047 | -.635 | 246 | 517 | -.322 | .057 | -.138 | -.539 | 250 | 544 | -.388 | .068 | -.080 | -.649 |
| 240 | 545 | -.463 | .091 | -.154 | -.810 | 246 | 518 | -.384 | .062 | -.153 | -.597 | 250 | 545 | -.424 | .083 | -.075 | -.758 |
| 240 | 554 | -.436 | .102 | -.068 | -.780 | 246 | 519 | -.043 | .093 | -.351 | -.438 | 250 | 554 | -.416 | .088 | -.138 | -.728 |
| 240 | 565 | -.096 | .122 | -.460 | -.482 | 246 | 520 | -.199 | .116 | -.578 | -.198 | 250 | 565 | -.041 | .123 | -.518 | -.324 |
| 240 | 703 | -.466 | .065 | -.262 | -.699 | 246 | 526 | -.384 | .065 | -.173 | -.635 | 250 | 703 | -.467 | .122 | -.223 | -.967 |
| 240 | 719 | -.732 | .214 | -.225 | -.235 | 246 | 527 | -.450 | .073 | -.208 | -.709 | 250 | 719 | -.729 | .156 | -.316 | -.1580 |
| 240 | 933 | -.619 | .245 | -.081 | -.341 | 246 | 528 | -.289 | .092 | -.044 | -.627 | 250 | 933 | -.621 | .347 | .101 | -2.941 |
| 240 | 936 | -.523 | .172 | -.070 | -.298 | 246 | 529 | -.207 | .119 | -.578 | -.128 | 250 | 936 | -.572 | .174 | -.128 | -1.356 |
| 242 | 401 | -.428 | .072 | -.170 | -.479 | 246 | 535 | -.390 | .067 | -.190 | -.623 | 252 | 401 | -.375 | .079 | -.097 | -.730 |
| 242 | 501 | -.162 | .085 | -.126 | -.479 | 246 | 536 | -.458 | .080 | -.069 | -.822 | 252 | 501 | -.055 | .103 | -.357 | -.446 |
| 242 | 517 | -.295 | .059 | -.018 | -.500 | 246 | 544 | -.369 | .075 | -.084 | -.618 | 252 | 517 | -.347 | .060 | -.117 | -.604 |
| 242 | 518 | -.396 | .060 | -.215 | -.579 | 246 | 545 | -.438 | .081 | -.188 | -.736 | 252 | 518 | -.383 | .065 | -.158 | -.657 |
| 242 | 519 | -.109 | .084 | -.187 | -.379 | 246 | 554 | -.416 | .098 | -.138 | -.798 | 252 | 519 | -.031 | .102 | -.390 | -.353 |
| 242 | 520 | -.148 | .102 | -.541 | -.197 | 246 | 565 | -.015 | .127 | -.387 | -.437 | 252 | 520 | -.313 | .125 | -.719 | -.070 |
| 242 | 526 | -.365 | .068 | -.112 | -.595 | 246 | 703 | -.463 | .085 | -.238 | -.966 | 252 | 526 | -.400 | .062 | -.213 | -.656 |
| 242 | 527 | -.480 | .073 | -.210 | -.728 | 246 | 719 | -.735 | .196 | -.168 | -1.699 | 252 | 527 | -.411 | .075 | -.160 | -.676 |
| 242 | 528 | -.341 | .095 | -.049 | -.728 | 246 | 933 | -.665 | .319 | -.136 | -2.804 | 252 | 528 | -.212 | .102 | -.164 | -.667 |
| 242 | 529 | -.133 | .114 | -.515 | -.192 | 246 | 936 | -.572 | .186 | -.010 | -1.448 | 252 | 529 | -.296 | .134 | -.711 | -.148 |
| 242 | 535 | -.378 | .075 | -.066 | -.613 | 248 | 401 | -.401 | .079 | -.141 | -.731 | 252 | 535 | -.405 | .065 | -.215 | -.669 |
| 242 | 536 | -.506 | .077 | -.240 | -.772 | 248 | 501 | -.091 | .092 | -.271 | -.488 | 252 | 536 | -.425 | .073 | -.182 | -.724 |
| 242 | 544 | -.370 | .082 | -.058 | -.700 | 248 | 517 | -.324 | .058 | -.133 | -.541 | 252 | 544 | -.391 | .071 | -.162 | -.646 |
| 242 | 545 | -.456 | .085 | -.189 | -.805 | 248 | 518 | -.385 | .064 | -.164 | -.645 | 252 | 545 | -.433 | .074 | -.155 | -.721 |
| 242 | 554 | -.427 | .099 | -.127 | -.775 | 248 | 519 | -.015 | .101 | -.345 | -.445 | 252 | 554 | -.427 | .091 | -.030 | -.715 |
| 242 | 565 | -.050 | .131 | -.386 | -.515 | 248 | 520 | -.245 | .121 | -.659 | -.133 | 252 | 565 | -.090 | .117 | -.551 | -.245 |
| 242 | 703 | -.470 | .077 | -.239 | -.875 | 248 | 526 | -.401 | .063 | -.197 | -.627 | 252 | 703 | -.491 | .108 | -.230 | -1.025 |
| 242 | 719 | -.737 | .198 | -.239 | -.791 | 248 | 527 | -.447 | .074 | -.213 | -.683 | 252 | 719 | -.726 | .163 | -.330 | -1.640 |
| 242 | 933 | -.645 | .285 | -.149 | -.071 | 248 | 528 | -.261 | .098 | -.079 | -.690 | 252 | 933 | -.662 | .340 | .130 | -2.493 |
| 244 | 936 | -.570 | .192 | -.073 | -.382 | 248 | 529 | -.206 | .129 | -.732 | -.118 | 252 | 936 | -.626 | .156 | -.085 | -1.298 |
| 244 | 401 | -.407 | .072 | -.130 | -.653 | 248 | 535 | -.392 | .069 | -.111 | -.672 | 254 | 401 | -.360 | .083 | -.057 | -.702 |
| 244 | 501 | -.135 | .086 | -.178 | -.484 | 248 | 536 | -.451 | .078 | -.164 | -.789 | 254 | 501 | -.049 | .132 | -.412 | -.769 |
| 244 | 517 | -.299 | .057 | -.112 | -.512 | 248 | 544 | -.380 | .077 | -.109 | -.650 | 254 | 517 | -.349 | .064 | -.125 | -.586 |
| 244 | 518 | -.389 | .058 | -.137 | -.620 | 248 | 545 | -.436 | .080 | -.218 | -.751 | 254 | 518 | -.376 | .073 | -.142 | -.646 |
| 244 | 519 | -.069 | .088 | -.271 | -.366 | 248 | 554 | -.428 | .092 | -.121 | -.829 | 254 | 519 | -.035 | .111 | -.463 | -.388 |
| 244 | 520 | -.176 | .116 | -.588 | -.195 | 248 | 565 | -.028 | .131 | -.514 | -.340 | 254 | 520 | -.327 | .137 | -.713 | -.102 |
| 244 | 526 | -.374 | .067 | -.126 | -.623 | 248 | 703 | -.464 | .087 | -.189 | -.972 | 254 | 526 | -.397 | .065 | -.194 | -.615 |
| 244 | 527 | -.461 | .070 | -.229 | -.724 | 248 | 719 | -.731 | .180 | -.297 | -1.900 | 254 | 527 | -.386 | .076 | -.189 | -.713 |
| 244 | 528 | -.317 | .094 | -.057 | -.683 | 248 | 933 | -.559 | .326 | -.096 | -2.648 | 254 | 528 | -.177 | .110 | -.232 | -.845 |
| 244 | 529 | -.171 | .114 | -.567 | -.160 | 248 | 936 | -.662 | .165 | -.063 | -1.187 | 254 | 529 | -.324 | .139 | -.894 | -.142 |
| 244 | 535 | -.374 | .068 | -.154 | -.580 | 250 | 401 | -.393 | .074 | -.176 | -.716 | 254 | 535 | -.399 | .069 | -.111 | -.643 |
| 244 | 536 | -.482 | .077 | -.229 | -.741 | 250 | 501 | -.065 | .093 | -.291 | -.460 | 254 | 536 | -.407 | .080 | -.159 | -.756 |
| 244 | 544 | -.370 | .078 | -.078 | -.633 | 250 | 517 | -.342 | .060 | -.143 | -.579 | 254 | 544 | -.383 | .075 | -.154 | -.733 |
| 244 | 545 | -.434 | .077 | -.184 | -.805 | 250 | 518 | -.382 | .067 | -.150 | -.614 | 254 | 545 | -.422 | .078 | -.144 | -.713 |
| 244 | 554 | -.426 | .096 | -.105 | -.748 | 250 | 519 | -.008 | .104 | -.374 | -.367 | 254 | 554 | -.407 | .085 | -.132 | -.790 |
| 244 | 565 | -.023 | .132 | -.409 | -.453 | 250 | 520 | -.266 | .125 | -.636 | -.166 | 254 | 565 | -.099 | .118 | -.635 | -.232 |
| 244 | 703 | -.457 | .073 | -.235 | -.004 | 250 | 526 | -.396 | .061 | -.184 | -.611 | 254 | 703 | -.516 | .144 | -.230 | -1.492 |
| 244 | 719 | -.741 | .182 | -.253 | -.953 | 250 | 527 | -.433 | .073 | -.191 | -.791 | 254 | 719 | -.742 | .201 | -.177 | -2.364 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 254 | 933 | .611 | .323 | .075 | -2.297 | 260 | 528 | -.225 | .191 | .259 | -1.087 | 264 | 933 | -.451 | .262 | .077 | -2.224 |
| 254 | 936 | .585 | .166 | -.170 | -1.249 | 260 | 529 | -.338 | .151 | .875 | -.183 | 264 | 936 | -.488 | .115 | -.064 | -1.118 |
| 256 | 401 | .363 | .089 | -.078 | -.740 | 260 | 535 | -.382 | .070 | -.151 | -.672 | 266 | 401 | -.315 | .074 | -.065 | -.576 |
| 256 | 501 | .019 | .124 | .333 | -.587 | 260 | 536 | -.350 | .071 | -.160 | -.654 | 266 | 501 | -.030 | .159 | -.468 | -.722 |
| 256 | 517 | .359 | .068 | -.136 | -.582 | 260 | 544 | -.370 | .075 | -.156 | -.735 | 266 | 517 | -.332 | .060 | -.120 | -.562 |
| 256 | 518 | .374 | .077 | -.123 | -.668 | 260 | 545 | -.369 | .082 | -.135 | -.828 | 266 | 518 | -.311 | .058 | -.123 | -.526 |
| 256 | 519 | .099 | .124 | .500 | -.385 | 260 | 554 | -.372 | .083 | -.132 | -.713 | 266 | 519 | -.032 | .159 | -.588 | -.506 |
| 256 | 520 | .147 | .784 | -.108 | -.628 | 260 | 565 | -.113 | .113 | .708 | -.212 | 266 | 520 | .401 | .161 | -.938 | -.085 |
| 256 | 526 | .400 | .069 | -.173 | -.628 | 260 | 703 | -.757 | .380 | -.270 | -.822 | 266 | 526 | -.328 | .055 | -.153 | -.579 |
| 256 | 527 | .387 | .680 | -.077 | -.707 | 260 | 719 | -.485 | .321 | .008 | -.223 | 266 | 527 | -.301 | .051 | -.140 | -.510 |
| 256 | 528 | .171 | .124 | .186 | -.876 | 260 | 933 | -.483 | .269 | .135 | -.034 | 266 | 528 | -.315 | .206 | .423 | -1.191 |
| 256 | 529 | .333 | .148 | -.824 | -.136 | 260 | 936 | -.363 | .144 | -.170 | -.453 | 266 | 529 | -.366 | .155 | -.900 | -.230 |
| 256 | 535 | .399 | .073 | -.189 | -.644 | 262 | 401 | -.325 | .086 | .006 | -.671 | 266 | 535 | -.322 | .055 | -.133 | -.543 |
| 256 | 536 | .395 | .075 | -.158 | -.720 | 262 | 501 | -.029 | .165 | .450 | -.597 | 266 | 536 | -.296 | .050 | -.110 | -.484 |
| 256 | 544 | .400 | .077 | -.052 | -.740 | 262 | 517 | -.346 | .074 | -.128 | -.609 | 266 | 544 | -.335 | .060 | -.135 | -.561 |
| 256 | 545 | .397 | .080 | -.115 | -.755 | 262 | 518 | -.336 | .075 | -.058 | -.641 | 266 | 545 | -.312 | .057 | -.133 | -.561 |
| 256 | 554 | .416 | .090 | -.111 | -.705 | 262 | 519 | -.069 | .163 | .544 | -.468 | 266 | 554 | -.332 | .063 | -.010 | -.647 |
| 256 | 565 | .111 | .523 | -.202 | -.745 | 262 | 520 | -.382 | .163 | -.859 | -.143 | 266 | 565 | .153 | .130 | -.708 | -.166 |
| 256 | 703 | .598 | .245 | -.202 | -.717 | 262 | 526 | -.359 | .070 | -.131 | -.624 | 266 | 703 | -1.374 | .506 | -.205 | -3.091 |
| 256 | 719 | .797 | .227 | -.318 | -2.119 | 262 | 527 | -.319 | .070 | -.087 | -.624 | 266 | 719 | -1.065 | .392 | .241 | -2.641 |
| 256 | 933 | .562 | .309 | -.079 | -2.331 | 262 | 528 | -.234 | .202 | .381 | -.036 | 266 | 933 | -.456 | .225 | -.231 | -1.552 |
| 258 | 401 | .561 | .132 | -.179 | -1.167 | 262 | 529 | -.368 | .153 | -.887 | -.086 | 266 | 936 | -.484 | .108 | -.159 | -1.172 |
| 258 | 501 | .917 | .092 | -.105 | -.711 | 262 | 535 | -.351 | .071 | -.164 | -.663 | 268 | 401 | -.305 | .066 | -.085 | -.621 |
| 258 | 517 | .333 | .068 | -.135 | -.615 | 262 | 536 | -.324 | .066 | -.131 | -.614 | 268 | 501 | -.014 | .161 | -.531 | -.688 |
| 258 | 518 | .366 | .078 | -.128 | -.680 | 262 | 544 | -.352 | .073 | -.116 | -.646 | 268 | 517 | -.323 | .053 | -.143 | -.519 |
| 258 | 519 | .083 | .136 | .526 | -.579 | 262 | 545 | -.328 | .075 | -.111 | -.673 | 268 | 518 | -.303 | .054 | -.123 | -.529 |
| 258 | 520 | .395 | .148 | -.829 | -.097 | 262 | 554 | -.360 | .076 | -.160 | -.735 | 268 | 519 | -.029 | .159 | -.571 | -.557 |
| 258 | 526 | .395 | .070 | -.158 | -.603 | 262 | 565 | -.109 | .118 | -.621 | -.273 | 268 | 520 | -.406 | .154 | 1.028 | -.100 |
| 258 | 527 | .366 | .078 | -.165 | -.687 | 262 | 703 | -.977 | .500 | -.236 | -.100 | 268 | 526 | -.327 | .050 | -.187 | -.588 |
| 258 | 528 | .185 | .153 | -.241 | -1.104 | 262 | 719 | -.987 | .345 | .253 | -2.567 | 268 | 527 | -.297 | .044 | -.119 | -.502 |
| 258 | 529 | .333 | .159 | -.887 | -.211 | 262 | 933 | -.467 | .263 | .110 | -2.119 | 268 | 528 | -.319 | .185 | .392 | -.969 |
| 258 | 535 | .373 | .072 | -.178 | -.608 | 262 | 936 | -.510 | .126 | -.142 | -1.277 | 268 | 529 | -.405 | .157 | -.960 | -.168 |
| 258 | 536 | .375 | .075 | -.153 | -.654 | 264 | 401 | -.312 | .080 | .056 | -.653 | 268 | 535 | -.324 | .051 | -.177 | -.542 |
| 258 | 544 | .385 | .073 | -.168 | -.705 | 264 | 501 | -.048 | .157 | .458 | -.588 | 268 | 536 | -.295 | .048 | -.114 | -.532 |
| 258 | 545 | .376 | .078 | -.158 | -.717 | 264 | 517 | -.347 | .078 | -.114 | -.688 | 268 | 544 | -.327 | .054 | -.124 | -.580 |
| 258 | 554 | .401 | .084 | -.166 | -.898 | 264 | 518 | -.328 | .078 | -.111 | -.687 | 268 | 545 | -.309 | .051 | -.040 | -.512 |
| 258 | 565 | .105 | .116 | .612 | -.774 | 264 | 519 | -.018 | .171 | .599 | -.571 | 268 | 554 | -.334 | .057 | -.153 | -.565 |
| 258 | 703 | .643 | .289 | -.256 | -.777 | 264 | 520 | -.358 | .160 | -.843 | -.086 | 268 | 555 | -.169 | .126 | -.693 | -.178 |
| 258 | 719 | .643 | .289 | -.256 | -.777 | 264 | 526 | -.348 | .068 | -.137 | -.703 | 268 | 703 | -1.408 | .470 | -.324 | -3.001 |
| 258 | 933 | .643 | .289 | -.256 | -.777 | 264 | 527 | -.302 | .068 | -.132 | -.593 | 268 | 719 | -1.018 | .406 | -.298 | -.750 |
| 258 | 936 | .643 | .289 | -.256 | -.777 | 264 | 528 | -.285 | .203 | .284 | -1.055 | 268 | 933 | -.431 | .227 | -.039 | -1.710 |
| 260 | 401 | .622 | .154 | -.360 | -.733 | 264 | 529 | -.354 | .166 | -.848 | -.131 | 268 | 936 | -.475 | .164 | -.150 | -1.044 |
| 260 | 501 | .622 | .154 | -.360 | -.733 | 264 | 535 | -.339 | .067 | -.117 | -.596 | 270 | 401 | -.299 | .064 | -.090 | -.571 |
| 260 | 517 | .622 | .154 | -.360 | -.733 | 264 | 536 | -.309 | .061 | -.085 | -.641 | 270 | 501 | -.068 | .176 | -.595 | -.530 |
| 260 | 518 | .622 | .154 | -.360 | -.733 | 264 | 544 | -.329 | .065 | -.152 | -.608 | 270 | 517 | -.323 | .050 | -.143 | -.560 |
| 260 | 519 | .622 | .154 | -.360 | -.733 | 264 | 545 | -.307 | .057 | -.115 | -.583 | 270 | 518 | -.298 | .045 | -.155 | -.465 |
| 260 | 526 | .622 | .154 | -.360 | -.733 | 264 | 554 | -.339 | .076 | -.121 | -.766 | 270 | 519 | -.087 | .158 | -.658 | -.437 |
| 260 | 527 | .622 | .154 | -.360 | -.733 | 264 | 703 | -.131 | .127 | -.738 | -.224 | 270 | 520 | -.472 | .168 | 1.038 | -.140 |
| 260 | 528 | .622 | .154 | -.360 | -.733 | 264 | 719 | -.196 | .532 | -.222 | -.144 | 270 | 526 | -.317 | .049 | -.168 | -.544 |
| 260 | 529 | .622 | .154 | -.360 | -.733 | 264 | 933 | -.018 | .336 | -.268 | -2.657 | 270 | 527 | -.301 | .045 | -.117 | -.521 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 270 | 528 | .264 | .194 | .557 | -.961 | 274 | 933 | -.364 | .208 | -.114 | -1.752 | 280 | 528 | .296 | .206 | 1.009 | -.600 |
| 270 | 529 | .461 | .151 | .023 | -.026 | 274 | 936 | -.376 | .099 | -.631 | -.876 | 280 | 529 | .572 | .162 | 1.156 | -.139 |
| 270 | 533 | .332 | .054 | -.193 | -.673 | 276 | 401 | -.293 | .061 | -.103 | -.549 | 280 | 535 | .420 | .080 | -.162 | -.763 |
| 270 | 544 | .304 | .046 | -.160 | -.501 | 276 | 501 | -.318 | .163 | -.837 | -.273 | 280 | 536 | -.352 | .068 | -.124 | -.645 |
| 270 | 544 | .338 | .057 | -.160 | -.587 | 276 | 517 | -.333 | .060 | -.178 | -.581 | 280 | 544 | -.427 | .077 | -.172 | -.705 |
| 270 | 545 | .321 | .053 | -.142 | -.549 | 276 | 518 | -.331 | .051 | -.161 | -.533 | 280 | 545 | -.378 | .066 | -.152 | -.632 |
| 270 | 554 | .323 | .049 | -.162 | -.548 | 276 | 519 | -.358 | .171 | -.905 | -.163 | 280 | 554 | -.376 | .063 | -.170 | -.707 |
| 270 | 555 | .215 | .139 | .798 | -.230 | 276 | 520 | -.586 | .173 | 1.062 | .047 | 280 | 565 | -.208 | .126 | .779 | -.098 |
| 270 | 703 | .301 | .418 | .310 | -.909 | 276 | 526 | -.386 | .070 | -.158 | -.642 | 280 | 703 | -.497 | .243 | .376 | -1.326 |
| 270 | 719 | .903 | .434 | .384 | -.609 | 276 | 527 | -.340 | .061 | -.131 | -.580 | 280 | 719 | -.246 | .344 | .471 | -1.962 |
| 270 | 933 | .415 | .232 | .141 | -.072 | 276 | 528 | -.152 | .221 | 1.002 | -.936 | 280 | 933 | -.316 | .084 | -.071 | -.948 |
| 270 | 936 | .438 | .104 | -.685 | -.864 | 276 | 529 | -.529 | .163 | 1.165 | .013 | 280 | 936 | -.314 | .099 | -.011 | -.802 |
| 272 | 501 | .285 | .058 | -.100 | -.508 | 276 | 535 | -.376 | .071 | -.136 | -.632 | 320 | 401 | -.328 | .116 | -.008 | -.937 |
| 272 | 501 | .184 | .165 | .650 | -.424 | 276 | 534 | -.339 | .057 | -.118 | -.622 | 320 | 501 | -1.227 | .422 | -.187 | -3.037 |
| 272 | 517 | .315 | .048 | -.175 | -.583 | 276 | 544 | -.378 | .069 | -.138 | -.703 | 320 | 517 | -.350 | .103 | -.005 | -.829 |
| 272 | 518 | .296 | .046 | -.135 | -.503 | 276 | 545 | -.353 | .060 | -.136 | -.602 | 320 | 518 | -.359 | .114 | -.012 | -1.021 |
| 272 | 519 | .178 | .171 | .831 | -.337 | 276 | 554 | -.359 | .062 | -.153 | -.613 | 320 | 519 | -1.225 | .268 | -.243 | -2.391 |
| 272 | 520 | .497 | .165 | .620 | -.006 | 276 | 565 | .211 | .130 | -.811 | -.115 | 320 | 520 | -1.231 | .307 | .150 | -2.467 |
| 272 | 526 | .327 | .056 | -.170 | -.544 | 276 | 703 | -.687 | .263 | -.064 | -.871 | 320 | 526 | -.302 | .081 | -.070 | -.684 |
| 272 | 527 | .310 | .051 | -.110 | -.552 | 276 | 719 | -.453 | .404 | -.452 | -1.991 | 320 | 527 | -.298 | .080 | -.090 | -.822 |
| 272 | 528 | .109 | .221 | .650 | .724 | 276 | 933 | -.333 | .131 | -.001 | -1.326 | 320 | 528 | -.302 | .289 | .135 | -2.506 |
| 272 | 529 | .493 | .156 | 1.017 | -.004 | 276 | 936 | -.348 | .091 | -.631 | -.897 | 320 | 529 | -1.329 | .337 | .121 | -2.939 |
| 272 | 535 | .334 | .059 | -.173 | -.614 | 278 | 401 | -.297 | .062 | -.026 | -.578 | 320 | 535 | -.303 | .075 | -.058 | -.657 |
| 272 | 536 | .307 | .051 | -.138 | -.522 | 278 | 501 | -.353 | .154 | -.835 | -.198 | 320 | 536 | -.309 | .080 | -.073 | -.738 |
| 272 | 544 | .337 | .059 | -.155 | -.584 | 278 | 517 | -.375 | .063 | -.183 | -.660 | 320 | 544 | -.303 | .081 | -.085 | -.682 |
| 272 | 545 | .320 | .054 | -.138 | -.549 | 278 | 518 | -.339 | .058 | -.138 | -.573 | 320 | 545 | -.306 | .088 | -.068 | -.928 |
| 272 | 544 | .329 | .054 | -.108 | -.583 | 278 | 519 | -.388 | .177 | -.951 | -.158 | 320 | 554 | -.307 | .088 | -.069 | -.775 |
| 272 | 565 | .193 | .126 | .724 | .135 | 278 | 520 | -.610 | .155 | 1.093 | -.111 | 320 | 565 | -.307 | .288 | .183 | -1.919 |
| 272 | 703 | .090 | .347 | .229 | -.765 | 278 | 526 | -.401 | .073 | -.152 | -.713 | 320 | 703 | -.434 | .155 | .972 | -.153 |
| 272 | 719 | .687 | .421 | .464 | -.131 | 278 | 527 | -.350 | .064 | -.127 | -.643 | 320 | 719 | -.328 | .167 | 1.070 | -.145 |
| 272 | 933 | .353 | .202 | .140 | -1.407 | 278 | 528 | -.220 | .214 | -.971 | -.474 | 320 | 933 | -.187 | .047 | -.004 | -.361 |
| 272 | 936 | .398 | .095 | -.048 | -.914 | 278 | 529 | -.549 | .171 | 1.126 | .051 | 320 | 936 | -.024 | .069 | .311 | -.202 |
| 274 | 501 | .292 | .061 | -.102 | -.519 | 278 | 535 | -.403 | .077 | -.164 | -.715 | 322 | 401 | -.332 | .111 | -.031 | -.820 |
| 274 | 517 | .253 | .166 | .776 | -.369 | 278 | 536 | -.343 | .063 | -.104 | -.596 | 322 | 501 | -1.471 | .444 | -.067 | -3.290 |
| 274 | 518 | .344 | .054 | -.152 | -.604 | 278 | 544 | -.385 | .073 | -.164 | -.708 | 322 | 517 | -.345 | .097 | -.052 | -.841 |
| 274 | 519 | .309 | .049 | -.142 | -.541 | 278 | 545 | -.386 | .062 | -.137 | -.623 | 322 | 518 | -.347 | .106 | -.040 | -.872 |
| 274 | 519 | .264 | .174 | .778 | -.251 | 278 | 554 | -.382 | .058 | -.061 | -.692 | 322 | 519 | -.343 | .268 | .081 | -2.425 |
| 274 | 520 | .546 | .161 | 1.053 | -.062 | 278 | 565 | -.220 | .122 | .781 | -.125 | 322 | 520 | -.387 | .286 | -.047 | -2.687 |
| 274 | 526 | .360 | .066 | -.191 | -.608 | 278 | 703 | -.632 | .223 | 1.555 | -1.452 | 322 | 526 | -.309 | .076 | -.028 | -.672 |
| 274 | 527 | .326 | .055 | -.117 | -.560 | 278 | 719 | -.361 | .374 | -.531 | -1.724 | 322 | 527 | -.311 | .079 | -.051 | -.710 |
| 274 | 528 | .028 | .225 | .655 | -.680 | 278 | 933 | -.313 | .113 | -.056 | -1.217 | 322 | 528 | -1.370 | .313 | .410 | -2.833 |
| 274 | 529 | .494 | .172 | 1.056 | -.079 | 278 | 936 | -.333 | .099 | -.016 | -.806 | 322 | 529 | -1.356 | .374 | .281 | -2.715 |
| 274 | 535 | .368 | .065 | -.100 | -.631 | 280 | 401 | -.288 | .059 | -.111 | -.566 | 322 | 535 | -.303 | .071 | -.091 | -.641 |
| 274 | 536 | .320 | .053 | -.140 | -.548 | 280 | 501 | -.398 | .161 | -.847 | -.103 | 322 | 536 | -.309 | .076 | -.081 | -.737 |
| 274 | 544 | .356 | .065 | -.193 | -.616 | 280 | 517 | -.397 | .066 | -.198 | -.647 | 322 | 544 | -.314 | .080 | -.086 | -.841 |
| 274 | 545 | .337 | .057 | -.122 | -.598 | 280 | 518 | -.355 | .067 | -.131 | -.610 | 322 | 545 | -.328 | .088 | -.081 | -.836 |
| 274 | 544 | .347 | .057 | -.180 | -.579 | 280 | 519 | -.498 | .167 | -.984 | -.096 | 322 | 554 | -.313 | .083 | -.089 | -.747 |
| 274 | 565 | .208 | .124 | .705 | -.114 | 280 | 320 | -.626 | .159 | 1.144 | -.119 | 322 | 565 | -.656 | .283 | .185 | -2.020 |
| 274 | 703 | .947 | .312 | .089 | -.142 | 280 | 526 | -.430 | .079 | -.159 | -.795 | 322 | 703 | -.421 | .155 | .918 | -.167 |
| 274 | 719 | .606 | .426 | .496 | -.001 | 280 | 527 | -.350 | .071 | -.104 | -.675 | 322 | 719 | -.234 | .171 | .855 | -.242 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 322 | 933 | -.199 | .047 | -.034 | -.370 | 328 | 528 | -1.427 | .301 | -.290 | -2.700 | 332 | 933 | -.172 | .054 | .055 | -.329 |
| 322 | 936 | -.036 | .072 | -.388 | -.192 | 328 | 529 | -1.447 | .328 | -.307 | -3.333 | 332 | 936 | -.104 | .095 | .476 | -.213 |
| 324 | 401 | -.321 | .105 | -.041 | -.928 | 328 | 535 | -.312 | .075 | -.100 | -.709 | 334 | 401 | -.393 | .107 | -.079 | -1.118 |
| 324 | 501 | -1.678 | .490 | -.379 | -3.531 | 328 | 536 | -.313 | .081 | -.097 | -.776 | 334 | 501 | -1.718 | .637 | -.458 | -4.097 |
| 324 | 517 | -.333 | .083 | -.049 | -.721 | 328 | 544 | -.322 | .073 | -.119 | -.754 | 334 | 517 | -.411 | .101 | -.147 | -1.014 |
| 324 | 518 | -.342 | .093 | -.049 | -.836 | 328 | 545 | -.325 | .079 | -.075 | -.901 | 334 | 518 | -.422 | .101 | -.139 | -1.109 |
| 324 | 519 | -1.404 | .264 | -.384 | -2.888 | 328 | 554 | -.324 | .079 | -.093 | -.107 | 334 | 519 | -1.243 | .361 | -.154 | -2.561 |
| 324 | 520 | -1.415 | .273 | -.237 | -2.541 | 328 | 563 | -.305 | .066 | -.202 | -2.283 | 334 | 520 | -1.313 | .369 | -.152 | -3.249 |
| 324 | 526 | -.296 | .070 | -.933 | -.687 | 328 | 703 | -.408 | .156 | -.874 | -.246 | 334 | 526 | -.391 | .111 | -.071 | -1.040 |
| 324 | 527 | -.305 | .078 | -.071 | -.897 | 328 | 719 | -.217 | .177 | -.795 | -.313 | 334 | 527 | -.406 | .120 | -.134 | -1.243 |
| 324 | 528 | -1.411 | .303 | -.237 | -3.346 | 328 | 933 | -.178 | .043 | -.014 | -.318 | 334 | 528 | -1.264 | .404 | -.250 | -2.978 |
| 324 | 529 | -1.438 | .325 | -.069 | -2.926 | 328 | 936 | -.032 | .074 | -.483 | -.214 | 334 | 529 | -1.340 | .438 | -.223 | -2.987 |
| 324 | 530 | -.304 | .066 | -.106 | -.687 | 330 | 401 | -.354 | .092 | -.020 | -.811 | 334 | 535 | -.357 | .096 | -.130 | -.883 |
| 324 | 531 | -.314 | .076 | -.086 | -.747 | 330 | 501 | -1.310 | .544 | -.404 | -3.877 | 334 | 536 | -.381 | .108 | -.088 | -1.030 |
| 324 | 532 | -.319 | .075 | -.121 | -.830 | 330 | 517 | -.375 | .087 | -.097 | -1.489 | 334 | 544 | -.365 | .102 | -.044 | -1.018 |
| 324 | 533 | -.317 | .078 | -.108 | -.830 | 330 | 518 | -.375 | .080 | -.134 | -.803 | 334 | 545 | -.373 | .107 | -.134 | -1.292 |
| 324 | 534 | -.310 | .069 | -.076 | -.669 | 330 | 519 | -1.337 | .275 | -.527 | -2.664 | 334 | 554 | -.367 | .093 | -.072 | -.989 |
| 324 | 535 | -.307 | .069 | -.076 | -.669 | 330 | 520 | -1.340 | .312 | -.172 | -.820 | 334 | 555 | -.381 | .094 | -.072 | -.989 |
| 324 | 536 | -.703 | .276 | -.138 | -1.841 | 330 | 526 | -.093 | .096 | -.096 | -.846 | 334 | 563 | -.881 | .274 | -.213 | -2.453 |
| 324 | 703 | -.425 | .151 | -.867 | -.076 | 330 | 527 | -.344 | .099 | -.096 | -.950 | 334 | 703 | -.394 | .149 | -.879 | -.172 |
| 324 | 719 | -.245 | .171 | -.949 | -.193 | 330 | 528 | -1.392 | .099 | -.096 | -.955 | 334 | 719 | -.152 | .137 | -.776 | -.318 |
| 326 | 933 | -.189 | .047 | -.018 | -.363 | 330 | 529 | -1.392 | .358 | -.290 | -2.955 | 334 | 933 | -.157 | .060 | -.060 | -.343 |
| 326 | 401 | -.045 | .071 | -.434 | -.158 | 330 | 532 | -1.392 | .368 | -.262 | -2.881 | 334 | 936 | -.104 | .111 | -.579 | -2.233 |
| 326 | 461 | -.324 | .097 | -.036 | -.845 | 330 | 535 | -.331 | .093 | -.113 | -.939 | 336 | 401 | -.402 | .121 | -.068 | -1.240 |
| 326 | 501 | -1.809 | .504 | -.356 | -3.607 | 330 | 536 | -.331 | .101 | -.068 | -1.005 | 336 | 501 | -1.313 | .584 | -.385 | -4.628 |
| 326 | 517 | -.332 | .084 | -.090 | -.669 | 330 | 544 | -.324 | .081 | -.089 | -.849 | 336 | 517 | -.431 | .111 | -.102 | -.955 |
| 326 | 518 | -.332 | .084 | -.090 | -.669 | 330 | 545 | -.328 | .089 | -.099 | -.931 | 336 | 518 | -.432 | .117 | -.145 | -1.124 |
| 326 | 519 | -1.411 | .251 | -.138 | -2.369 | 330 | 554 | -.329 | .074 | -.129 | -.790 | 336 | 519 | -1.104 | .350 | -.180 | -2.599 |
| 326 | 520 | -1.427 | .270 | -.138 | -2.898 | 330 | 563 | -.329 | .285 | -.048 | -2.448 | 336 | 520 | -1.097 | .375 | -.233 | -2.908 |
| 326 | 526 | -.304 | .075 | -.082 | -.753 | 330 | 703 | -.410 | .145 | -.790 | -.256 | 336 | 526 | -.408 | .110 | -.126 | -1.220 |
| 326 | 527 | -.311 | .081 | -.095 | -.822 | 330 | 719 | -.126 | .113 | -.528 | -.256 | 336 | 527 | -.411 | .130 | -.097 | -1.263 |
| 326 | 528 | -1.408 | .294 | -.371 | -2.838 | 330 | 933 | -.173 | .049 | -.053 | -.326 | 336 | 528 | -1.106 | .465 | -.168 | -2.975 |
| 326 | 529 | -1.464 | .324 | -.197 | -3.473 | 330 | 936 | -.073 | .086 | -.441 | -.234 | 336 | 529 | -1.093 | .417 | -.068 | -2.780 |
| 326 | 530 | -.303 | .071 | -.070 | -.629 | 332 | 401 | -.364 | .096 | -.082 | -1.099 | 336 | 535 | -.367 | .099 | -.087 | -.881 |
| 326 | 531 | -.303 | .076 | -.142 | -.857 | 332 | 501 | -1.389 | .563 | -.390 | -2.267 | 336 | 536 | -.381 | .110 | -.116 | -.991 |
| 326 | 532 | -.315 | .073 | -.122 | -.726 | 332 | 517 | -.389 | .089 | -.132 | -.946 | 336 | 544 | -.379 | .101 | -.090 | -1.050 |
| 326 | 533 | -.318 | .078 | -.105 | -.832 | 332 | 518 | -.389 | .086 | -.054 | -.970 | 336 | 545 | -.379 | .113 | -.114 | -1.022 |
| 326 | 534 | -.307 | .070 | -.104 | -.823 | 332 | 519 | -1.322 | .319 | -.285 | -.851 | 336 | 554 | -.373 | .104 | -.106 | -1.060 |
| 326 | 535 | -.755 | .269 | -.006 | -1.915 | 332 | 520 | -1.322 | .323 | -.290 | -2.782 | 336 | 563 | -.872 | .286 | -.120 | -2.654 |
| 326 | 703 | -.413 | .155 | -.939 | -.309 | 332 | 526 | -.368 | .104 | -.064 | -1.097 | 336 | 703 | -.385 | .153 | -.860 | -1.165 |
| 326 | 719 | -.218 | .162 | -.791 | -.218 | 332 | 527 | -.373 | .107 | -.115 | -1.107 | 336 | 719 | -.139 | .131 | -.563 | -.488 |
| 326 | 933 | -.184 | .045 | -.006 | -.323 | 332 | 528 | -1.304 | .397 | -.004 | -.672 | 336 | 933 | -.157 | .054 | -.051 | -.348 |
| 328 | 401 | -.036 | .073 | -.432 | -.188 | 332 | 529 | -1.315 | .374 | -.188 | -.739 | 336 | 936 | -.064 | .106 | -.469 | -.353 |
| 328 | 461 | -.328 | .096 | -.061 | -.926 | 332 | 533 | -.093 | .093 | -.055 | -.877 | 338 | 401 | -.411 | .124 | -.037 | -1.081 |
| 328 | 501 | -1.893 | .508 | -.476 | -4.066 | 332 | 535 | -.097 | .097 | -.019 | -.952 | 338 | 501 | -1.076 | .515 | -.334 | -4.167 |
| 328 | 517 | -.343 | .083 | -.064 | -.823 | 332 | 544 | -.337 | .086 | -.110 | -.899 | 338 | 517 | -.446 | .122 | -.096 | -1.190 |
| 328 | 518 | -.340 | .079 | -.069 | -.712 | 332 | 545 | -.345 | .098 | -.045 | -.896 | 338 | 518 | -.454 | .127 | -.127 | -1.291 |
| 328 | 519 | -1.399 | .262 | -.474 | -3.023 | 332 | 554 | -.350 | .088 | -.113 | -.940 | 338 | 519 | -.910 | .337 | -.101 | -2.447 |
| 328 | 520 | -1.427 | .287 | -.394 | -3.075 | 332 | 565 | -.281 | .113 | -.113 | -.721 | 338 | 520 | -.926 | .371 | -.110 | -2.529 |
| 328 | 526 | -.320 | .083 | -.102 | -.801 | 332 | 703 | -.383 | .143 | -.787 | -.232 | 338 | 526 | -.422 | .110 | -.091 | -1.001 |
| 328 | 527 | -.321 | .092 | -.107 | -.863 | 332 | 719 | -.132 | .121 | -.616 | -.299 | 338 | 527 | -.427 | .116 | -.055 | -1.168 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 338 | 528 | -.931 | .382 | -.127 | -2.659 | 338 | 936 | -.063 | .117 | -.687 | -.275 | 340 | 535 | -.418 | .112 | -.061 | -.960 |
| 338 | 529 | -.967 | .388 | -.154 | -2.481 | 340 | 401 | -.442 | .145 | -.025 | -1.536 | 340 | 536 | -.422 | .123 | -.130 | -1.268 |
| 338 | 535 | -.384 | .101 | -.086 | -1.279 | 340 | 501 | -.812 | .330 | -.287 | -3.077 | 340 | 544 | -.414 | .114 | -.099 | -1.199 |
| 338 | 536 | -.403 | .118 | -.113 | -1.327 | 340 | 517 | -.464 | .124 | -.128 | -1.070 | 340 | 545 | -.420 | .131 | -.073 | -1.163 |
| 338 | 544 | -.384 | .107 | -.069 | -.936 | 340 | 518 | -.462 | .132 | -.144 | -1.224 | 340 | 554 | -.414 | .114 | -.125 | -1.162 |
| 338 | 545 | -.419 | .141 | -.103 | -1.378 | 340 | 519 | -.730 | .284 | -.199 | -2.675 | 340 | 565 | -.812 | .281 | -.084 | -2.486 |
| 338 | 554 | -.394 | .106 | -.011 | -1.141 | 340 | 520 | -.730 | .294 | -.137 | -2.128 | 340 | 703 | .391 | .156 | .861 | -.186 |
| 338 | 565 | -.846 | .284 | -.090 | -2.520 | 340 | 526 | -.448 | .115 | -.114 | -1.185 | 340 | 719 | .093 | .130 | .626 | -.331 |
| 338 | 703 | -.384 | .154 | .855 | -.114 | 340 | 527 | -.443 | .121 | -.068 | -1.275 | 340 | 933 | -.162 | .049 | .072 | -.335 |
| 338 | 719 | -.108 | .131 | .637 | -.373 | 340 | 528 | -.770 | .307 | -.137 | -2.340 | 340 | 936 | .041 | .099 | .470 | -.260 |
| 338 | 933 | -.166 | .055 | .121 | -.337 | 340 | 529 | -.803 | .320 | -.075 | -2.228 | | | | | | |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|---------|----|-----|--------|-------|-------|---------|----|-----|--------|-------|-------|---------|
| 0 | 140 | .212 | .132 | .287 | -.794 | 0 | 191 | .013 | .157 | .478 | -.684 | 0 | 262 | -.021 | .099 | .368 | -.344 |
| 0 | 141 | .176 | .126 | .202 | -.635 | 0 | 192 | .023 | .148 | .561 | -.685 | 0 | 263 | -.014 | .099 | .304 | -.315 |
| 0 | 142 | .220 | .155 | .239 | -.015 | 0 | 193 | .005 | .189 | .645 | -.990 | 0 | 264 | -.058 | .112 | .275 | -.563 |
| 0 | 143 | .323 | .208 | .252 | -.188 | 0 | 194 | .069 | .143 | .580 | -.677 | 0 | 265 | -.068 | .111 | .333 | -.605 |
| 0 | 144 | .532 | .262 | .194 | -.1.448 | 0 | 195 | .133 | .147 | .792 | -.340 | 0 | 266 | -.011 | .103 | .396 | -.417 |
| 0 | 145 | .552 | .258 | .258 | -.1.849 | 0 | 196 | .164 | .150 | .933 | -.252 | 0 | 267 | -.016 | .108 | .386 | -.399 |
| 0 | 146 | .432 | .244 | .310 | -.1.483 | 0 | 197 | .156 | .171 | .918 | -.300 | 0 | 268 | .023 | .097 | .383 | -.327 |
| 0 | 147 | .183 | .195 | .816 | -.941 | 0 | 198 | .123 | .163 | .745 | -.346 | 0 | 269 | .039 | .105 | .459 | -.362 |
| 0 | 149 | .281 | .257 | .163 | -.561 | 0 | 199 | .101 | .187 | .829 | -.394 | 0 | 270 | .046 | .094 | .334 | -.358 |
| 0 | 150 | .220 | .291 | .910 | -.290 | 0 | 200 | .064 | .109 | .361 | -.525 | 0 | 271 | .030 | .108 | .399 | -.374 |
| 0 | 151 | .076 | .177 | .582 | -.800 | 0 | 202 | .066 | .119 | .261 | -.811 | 0 | 272 | .028 | .106 | .351 | -.373 |
| 0 | 152 | .065 | .179 | .580 | -.800 | 0 | 203 | .106 | .164 | .302 | -.312 | 0 | 273 | .021 | .111 | .480 | -.379 |
| 0 | 153 | .115 | .235 | .660 | -.933 | 0 | 204 | .204 | .179 | .275 | -.1.047 | 0 | 274 | .019 | .096 | .355 | -.323 |
| 0 | 154 | .200 | .206 | .904 | -.433 | 0 | 205 | .223 | .178 | .220 | -.1.178 | 0 | 275 | .013 | .106 | .355 | -.361 |
| 0 | 155 | .329 | .206 | .174 | -.368 | 0 | 206 | .126 | .151 | .379 | -.747 | 0 | 276 | .017 | .102 | .389 | -.294 |
| 0 | 156 | .394 | .230 | .067 | -.235 | 0 | 207 | .091 | .156 | .407 | -.950 | 0 | 277 | -.010 | .103 | .354 | -.365 |
| 0 | 157 | .415 | .229 | .191 | -.199 | 0 | 208 | .032 | .123 | .483 | -.636 | 0 | 278 | -.045 | .104 | .362 | -.406 |
| 0 | 158 | .366 | .235 | .261 | -.301 | 0 | 209 | .084 | .109 | .467 | -.546 | 0 | 279 | -.075 | .101 | .377 | -.426 |
| 0 | 159 | .366 | .214 | .246 | -.246 | 0 | 210 | .042 | .105 | .342 | -.436 | 0 | 280 | .014 | .101 | .392 | -.273 |
| 0 | 160 | .112 | .146 | .217 | -.066 | 0 | 211 | .035 | .113 | .385 | -.793 | 0 | 281 | -.001 | .104 | .352 | -.406 |
| 0 | 161 | .124 | .145 | .263 | -.805 | 0 | 212 | .029 | .138 | .432 | -.604 | 0 | 282 | .002 | .101 | .306 | -.372 |
| 0 | 162 | .167 | .163 | .249 | -.932 | 0 | 213 | .017 | .161 | .428 | -.871 | 0 | 283 | .026 | .116 | .382 | -.448 |
| 0 | 163 | .279 | .199 | .188 | -.1.139 | 0 | 214 | .004 | .131 | .475 | -.525 | 0 | 284 | .009 | .096 | .327 | -.323 |
| 0 | 164 | .429 | .212 | .335 | -.1.315 | 0 | 215 | .020 | .110 | .455 | -.368 | 0 | 285 | .039 | .103 | .500 | -.384 |
| 0 | 165 | .403 | .217 | .191 | -.1.456 | 0 | 216 | .050 | .115 | .412 | -.503 | 0 | 286 | .049 | .104 | .440 | -.242 |
| 0 | 166 | .344 | .190 | .407 | -.1.023 | 0 | 217 | .111 | .124 | .407 | -.317 | 0 | 287 | .054 | .106 | .404 | -.334 |
| 0 | 167 | .334 | .208 | .445 | -.1.131 | 0 | 218 | .088 | .138 | .478 | -.390 | 0 | 288 | .059 | .103 | .418 | -.280 |
| 0 | 168 | .029 | .151 | .604 | -.632 | 0 | 219 | .083 | .134 | .507 | -.522 | 0 | 289 | .067 | .114 | .529 | -.277 |
| 0 | 169 | .003 | .175 | .668 | -.1.049 | 0 | 220 | .061 | .128 | .328 | -.508 | 0 | 290 | .050 | .112 | .398 | -.282 |
| 0 | 170 | .175 | .171 | .400 | -.864 | 0 | 221 | .052 | .114 | .272 | -.535 | 0 | 291 | .044 | .103 | .352 | -.473 |
| 0 | 171 | .121 | .155 | .310 | -.811 | 0 | 222 | .041 | .107 | .277 | -.465 | 0 | 292 | .020 | .115 | .364 | -.456 |
| 0 | 172 | .111 | .170 | .504 | -.798 | 0 | 223 | .035 | .117 | .334 | -.529 | 0 | 293 | -.003 | .132 | .408 | -.467 |
| 0 | 173 | .105 | .182 | .550 | -.879 | 0 | 224 | .110 | .141 | .286 | -.742 | 0 | 294 | .032 | .114 | .315 | -.377 |
| 0 | 174 | .070 | .162 | .688 | -.566 | 0 | 225 | .142 | .148 | .264 | -.878 | 0 | 295 | -.058 | .123 | .399 | -.493 |
| 0 | 175 | .180 | .181 | .846 | -.322 | 0 | 226 | .046 | .117 | .398 | -.499 | 0 | 296 | .071 | .118 | .618 | -.452 |
| 0 | 176 | .268 | .185 | .949 | -.322 | 0 | 227 | .034 | .133 | .409 | -.648 | 0 | 297 | -.075 | .105 | .474 | -.394 |
| 0 | 177 | .285 | .209 | .011 | -.386 | 0 | 228 | .035 | .114 | .383 | -.403 | 0 | 298 | -.109 | .098 | .234 | -.449 |
| 0 | 178 | .233 | .198 | .962 | -.257 | 0 | 229 | .071 | .109 | .491 | -.279 | 0 | 299 | -.081 | .101 | .245 | -.459 |
| 0 | 179 | .178 | .205 | .968 | -.409 | 0 | 230 | .053 | .125 | .462 | -.444 | 0 | 401 | -.168 | .128 | .222 | -.712 |
| 0 | 180 | .058 | .110 | .234 | -.595 | 0 | 231 | .036 | .113 | .383 | -.459 | 0 | 463 | -.051 | .108 | .298 | -.452 |
| 0 | 181 | .066 | .124 | .302 | -.641 | 0 | 232 | .046 | .115 | .410 | -.364 | 0 | 501 | -.203 | .126 | .298 | -.853 |
| 0 | 182 | .101 | .133 | .318 | -.761 | 0 | 233 | .040 | .115 | .415 | -.402 | 0 | 502 | -.204 | .141 | .279 | -.862 |
| 0 | 183 | .201 | .194 | .266 | -.1.266 | 0 | 234 | .038 | .118 | .386 | -.387 | 0 | 503 | -.218 | .141 | .189 | -.819 |
| 0 | 184 | .338 | .217 | .291 | -.1.278 | 0 | 235 | .053 | .125 | .492 | -.490 | 0 | 504 | -.229 | .143 | .247 | -.1.218 |
| 0 | 185 | .318 | .206 | .417 | -.1.248 | 0 | 236 | .034 | .116 | .399 | -.341 | 0 | 505 | -.185 | .131 | .250 | -.711 |
| 0 | 186 | .206 | .179 | .417 | -.841 | 0 | 237 | .004 | .112 | .504 | -.367 | 0 | 506 | -.161 | .128 | .350 | -.732 |
| 0 | 187 | .207 | .190 | .382 | -.1.026 | 0 | 238 | .031 | .110 | .346 | -.493 | 0 | 507 | -.148 | .119 | .224 | -.754 |
| 0 | 188 | .043 | .129 | .529 | -.646 | 0 | 239 | .054 | .123 | .538 | -.455 | 0 | 508 | -.149 | .113 | .237 | -.560 |
| 0 | 189 | .105 | .152 | .816 | -.524 | 0 | 260 | .002 | .098 | .304 | -.320 | 0 | 510 | -.190 | .139 | .201 | -.1.274 |
| 0 | 190 | .038 | .151 | .463 | -.847 | 0 | 261 | .001 | .095 | .322 | -.365 | 0 | 511 | -.192 | .128 | .218 | -.1.140 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|------|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 0 | 512 | -.202 | .138 | .216 | -.932 | 0 | 571 | -.094 | .105 | .223 | -.482 | 0 | 938 | .027 | .089 | .328 | -.250 |
| 0 | 513 | -.193 | .120 | .201 | -.770 | 0 | 572 | -.095 | .097 | .199 | -.416 | 0 | 939 | .014 | .082 | .317 | -.276 |
| 0 | 514 | -.191 | .118 | .149 | -.599 | 0 | 573 | -.122 | .103 | .228 | -.506 | 0 | 940 | -.005 | .096 | .326 | -.340 |
| 0 | 515 | -.174 | .112 | .285 | -.598 | 0 | 574 | -.136 | .108 | .177 | -.583 | 0 | 941 | -.005 | .104 | .365 | -.366 |
| 0 | 516 | -.141 | .112 | .170 | -.570 | 0 | 575 | -.103 | .101 | .203 | -.433 | 0 | 942 | -.024 | .105 | .307 | -.374 |
| 0 | 517 | -.143 | .111 | .183 | -.563 | 0 | 576 | -.237 | .128 | .183 | -.639 | 0 | 943 | -.062 | .104 | .291 | -.412 |
| 0 | 518 | -.167 | .120 | .192 | -.691 | 0 | 577 | -.234 | .135 | .124 | -.978 | 0 | 944 | -.084 | .088 | .222 | -.375 |
| 0 | 519 | -.201 | .139 | .353 | -.934 | 0 | 578 | -.136 | .111 | .263 | -.496 | 0 | 945 | -.144 | .088 | .129 | -.416 |
| 0 | 520 | -.196 | .137 | .196 | -.847 | 0 | 579 | -.116 | .100 | .289 | -.453 | 0 | 946 | -.170 | .094 | .157 | -.517 |
| 0 | 5201 | -.214 | .142 | .167 | -.961 | 0 | 580 | -.105 | .098 | .243 | -.429 | 0 | 947 | -.170 | .096 | .128 | -.531 |
| 0 | 5202 | -.214 | .132 | .192 | -.740 | 0 | 581 | -.124 | .092 | .179 | -.438 | 0 | 948 | -.134 | .094 | .184 | -.396 |
| 0 | 5203 | -.193 | .125 | .222 | -.612 | 0 | 582 | -.133 | .100 | .157 | -.485 | 0 | 949 | -.109 | .093 | .227 | -.439 |
| 0 | 5204 | -.175 | .105 | .158 | -.520 | 0 | 584 | -.191 | .095 | .182 | -.482 | 0 | 950 | -.078 | .095 | .274 | -.396 |
| 0 | 5205 | -.163 | .106 | .189 | -.534 | 0 | 585 | -.220 | .094 | .070 | -.563 | 0 | 951 | -.042 | .091 | .271 | -.326 |
| 0 | 5206 | -.184 | .110 | .161 | -.732 | 0 | 901 | -.219 | .136 | .317 | -.680 | 0 | 952 | -.016 | .089 | .260 | -.305 |
| 0 | 527 | -.225 | .126 | .172 | -.671 | 0 | 902 | -.205 | .114 | .190 | -.677 | 0 | 953 | -.014 | .096 | .384 | -.357 |
| 0 | 528 | -.316 | .168 | .170 | -1.363 | 0 | 903 | -.212 | .124 | .261 | -.654 | 0 | 954 | -.016 | .091 | .345 | -.334 |
| 0 | 529 | -.313 | .153 | .111 | -1.713 | 0 | 904 | -.264 | .130 | .182 | -.744 | 0 | 955 | -.032 | .099 | .320 | -.371 |
| 0 | 530 | -.345 | .134 | .002 | -1.189 | 0 | 905 | -.347 | .150 | .091 | -1.066 | 0 | 956 | -.019 | .088 | .274 | -.307 |
| 0 | 5301 | -.328 | .156 | .223 | -.943 | 0 | 906 | -.192 | .127 | .161 | -.656 | 0 | 957 | -.012 | .090 | .304 | -.297 |
| 0 | 5302 | -.283 | .132 | .078 | -.854 | 0 | 907 | -.179 | .122 | .256 | -.666 | 0 | 958 | -.027 | .093 | .291 | -.332 |
| 0 | 5303 | -.222 | .131 | .208 | -.630 | 0 | 908 | -.263 | .132 | .165 | -.888 | 0 | 959 | -.007 | .089 | .335 | -.304 |
| 0 | 5334 | -.191 | .121 | .206 | -.607 | 0 | 909 | -.327 | .133 | .076 | -.871 | 0 | 960 | -.014 | .098 | .335 | -.332 |
| 0 | 5335 | -.189 | .129 | .176 | -.822 | 0 | 910 | -.234 | .125 | .168 | -.672 | 0 | 961 | -.009 | .106 | .346 | -.365 |
| 0 | 5336 | -.162 | .120 | .183 | -.578 | 0 | 911 | -.342 | .175 | .177 | -.941 | 0 | 962 | -.006 | .104 | .315 | -.450 |
| 0 | 5337 | -.275 | .164 | .183 | -.967 | 0 | 912 | -.315 | .152 | .123 | -1.093 | 10 | 140 | -.164 | .093 | .153 | -.492 |
| 0 | 5338 | -.279 | .162 | .113 | -1.089 | 0 | 913 | -.028 | .088 | .328 | -.390 | 10 | 141 | -.116 | .102 | .230 | -.585 |
| 0 | 5339 | -.251 | .157 | .206 | -.059 | 0 | 914 | -.025 | .097 | .280 | -.367 | 10 | 142 | -.098 | .109 | .364 | -.602 |
| 0 | 540 | -.238 | .145 | .197 | -.805 | 0 | 915 | -.437 | .208 | .235 | -1.217 | 10 | 143 | -.150 | .162 | .320 | -.832 |
| 0 | 541 | -.219 | .130 | .205 | -.709 | 0 | 916 | -.313 | .176 | .283 | -1.097 | 10 | 144 | -.267 | .217 | .310 | -.081 |
| 0 | 542 | -.166 | .111 | .206 | -.616 | 0 | 917 | -.042 | .124 | .495 | -.464 | 10 | 145 | -.405 | .278 | .415 | -.382 |
| 0 | 543 | -.158 | .139 | .220 | -.841 | 0 | 919 | -.003 | .194 | .769 | -.598 | 10 | 146 | -.221 | .227 | .537 | -.528 |
| 0 | 544 | -.160 | .125 | .246 | -.848 | 0 | 920 | -.013 | .095 | .278 | -.313 | 10 | 147 | -.047 | .193 | .732 | -.891 |
| 0 | 545 | -.164 | .119 | .250 | -.876 | 0 | 921 | -.443 | .186 | .124 | -1.190 | 10 | 149 | -.275 | .213 | .141 | -.259 |
| 0 | 545 | -.274 | .150 | .182 | -.931 | 0 | 922 | -.461 | .173 | .038 | -1.188 | 10 | 150 | -.085 | .220 | .957 | -.738 |
| 0 | 547 | -.265 | .130 | .182 | -.979 | 0 | 923 | -.333 | .175 | .261 | -1.129 | 10 | 151 | -.064 | .161 | .628 | -.767 |
| 0 | 548 | -.242 | .142 | .176 | -.167 | 0 | 924 | -.352 | .150 | .070 | -1.222 | 10 | 152 | -.076 | .189 | .698 | -.935 |
| 0 | 549 | -.236 | .138 | .148 | -.839 | 0 | 925 | -.073 | .121 | .724 | -.323 | 10 | 153 | .110 | .221 | 1.081 | -.827 |
| 0 | 550 | -.217 | .127 | .157 | -.895 | 0 | 926 | -.012 | .112 | .346 | -.417 | 10 | 154 | .234 | .192 | .990 | -.309 |
| 0 | 551 | -.151 | .102 | .195 | -.458 | 0 | 927 | -.175 | .198 | .902 | -.483 | 10 | 155 | .282 | .194 | 1.018 | -.196 |
| 0 | 552 | -.143 | .115 | .255 | -.603 | 0 | 928 | -.043 | .229 | .889 | -.896 | 10 | 156 | .330 | .203 | 1.068 | -.168 |
| 0 | 553 | -.176 | .138 | .208 | -.943 | 0 | 929 | -.202 | .187 | .447 | -.996 | 10 | 157 | -.303 | .203 | .908 | -.272 |
| 0 | 554 | -.182 | .141 | .241 | -.761 | 0 | 930 | -.063 | .115 | .557 | -.294 | 10 | 158 | .232 | .203 | 1.098 | -.347 |
| 0 | 554 | -.244 | .128 | .148 | -1.175 | 0 | 931 | -.040 | .100 | .390 | -.383 | 10 | 159 | -.175 | .196 | .829 | -.360 |
| 0 | 555 | -.237 | .120 | .151 | -.805 | 0 | 932 | -.053 | .111 | .586 | -.358 | 10 | 160 | -.046 | .101 | .283 | -.543 |
| 0 | 556 | -.228 | .123 | .208 | -.918 | 0 | 933 | -.025 | .098 | .286 | -.353 | 10 | 161 | -.044 | .107 | .294 | -.588 |
| 0 | 567 | -.219 | .123 | .163 | -.949 | 0 | 934 | -.010 | .100 | .334 | -.367 | 10 | 162 | -.073 | .119 | .259 | -.579 |
| 0 | 568 | -.166 | .106 | .192 | -.726 | 0 | 935 | -.026 | .105 | .400 | -.377 | 10 | 163 | -.129 | .178 | .293 | -.019 |
| 0 | 569 | -.126 | .095 | .182 | -.464 | 0 | 936 | -.001 | .097 | .301 | -.454 | 10 | 164 | -.295 | .197 | .230 | -.190 |
| 0 | 570 | -.109 | .095 | .267 | -.435 | 0 | 937 | -.031 | .100 | .429 | -.347 | 10 | 165 | -.301 | .208 | .425 | -.345 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|
| 10 | 166 | -.174 | .193 | .446 | -.812 | 10 | 217 | -.115 | .102 | .182 | -.473 | 10 | 287 | .083 | .099 | .424 | -.296 |
| 10 | 167 | -.151 | .202 | .551 | -.883 | 10 | 218 | -.150 | .098 | .259 | -.487 | 10 | 288 | .095 | .106 | .426 | -.202 |
| 10 | 168 | .017 | .132 | .641 | -.389 | 10 | 219 | -.135 | .117 | .336 | -.510 | 10 | 289 | .111 | .099 | .443 | -.197 |
| 10 | 169 | .067 | .155 | .684 | -.463 | 10 | 220 | -.065 | .108 | .317 | -.436 | 10 | 290 | .097 | .102 | .486 | -.202 |
| 10 | 170 | -.020 | .141 | .533 | -.665 | 10 | 221 | -.045 | .097 | .260 | -.369 | 10 | 291 | .066 | .100 | .401 | -.259 |
| 10 | 171 | .024 | .144 | .572 | -.751 | 10 | 222 | -.040 | .097 | .309 | -.337 | 10 | 292 | .049 | .100 | .401 | -.291 |
| 10 | 172 | .047 | .156 | .558 | -.916 | 10 | 223 | -.025 | .103 | .307 | -.401 | 10 | 293 | .008 | .113 | .359 | -.413 |
| 10 | 173 | .067 | .168 | .632 | -.945 | 10 | 224 | -.079 | .122 | .369 | -.630 | 10 | 294 | -.027 | .105 | .318 | -.442 |
| 10 | 174 | .134 | .157 | .755 | -.549 | 10 | 225 | -.117 | .130 | .370 | -.756 | 10 | 295 | -.083 | .100 | .278 | -.456 |
| 10 | 175 | .188 | .138 | .744 | -.240 | 10 | 226 | -.015 | .115 | .477 | -.438 | 10 | 296 | -.100 | .103 | .294 | -.444 |
| 10 | 176 | .209 | .162 | .811 | -.180 | 10 | 227 | .013 | .135 | .508 | -.467 | 10 | 297 | -.131 | .103 | .346 | -.493 |
| 10 | 177 | .189 | .170 | .873 | -.262 | 10 | 228 | .087 | .111 | .611 | -.244 | 10 | 298 | -.153 | .097 | .193 | -.439 |
| 10 | 178 | .124 | .179 | .809 | -.338 | 10 | 229 | .105 | .104 | .573 | -.250 | 10 | 299 | -.139 | .100 | .213 | -.592 |
| 10 | 179 | .060 | .178 | .735 | -.464 | 10 | 230 | .107 | .112 | .520 | -.226 | 10 | 401 | -.173 | .113 | .203 | -.602 |
| 10 | 180 | .012 | .106 | .388 | -.770 | 10 | 231 | .094 | .118 | .614 | -.300 | 10 | 463 | -.089 | .091 | .250 | -.480 |
| 10 | 181 | .024 | .116 | .357 | -.602 | 10 | 232 | .090 | .113 | .468 | -.446 | 10 | 501 | -.188 | .118 | .273 | -.860 |
| 10 | 182 | .047 | .108 | .303 | -.708 | 10 | 233 | .079 | .108 | .482 | -.253 | 10 | 502 | -.182 | .117 | .233 | -.605 |
| 10 | 183 | .065 | .140 | .458 | -.930 | 10 | 234 | .047 | .115 | .446 | -.433 | 10 | 503 | -.185 | .120 | .187 | -.714 |
| 10 | 184 | -.183 | .175 | .392 | -.920 | 10 | 235 | .063 | .118 | .501 | -.311 | 10 | 504 | -.183 | .124 | .184 | -.269 |
| 10 | 185 | -.229 | .155 | .272 | -1.074 | 10 | 236 | .047 | .110 | .417 | -.276 | 10 | 505 | -.178 | .109 | .175 | -.679 |
| 10 | 186 | .081 | .157 | .499 | -.768 | 10 | 237 | .000 | .107 | .401 | -.340 | 10 | 506 | -.160 | .108 | .210 | -.636 |
| 10 | 187 | .050 | .177 | .555 | -.666 | 10 | 238 | .059 | .103 | .353 | -.433 | 10 | 507 | -.147 | .105 | .279 | -.528 |
| 10 | 188 | .109 | .140 | .683 | -.678 | 10 | 239 | .089 | .100 | .297 | -.517 | 10 | 508 | -.152 | .112 | .247 | -.603 |
| 10 | 189 | .160 | .124 | .697 | -.279 | 10 | 260 | .010 | .096 | .379 | -.291 | 10 | 510 | -.170 | .112 | .196 | -.742 |
| 10 | 190 | .135 | .137 | .787 | -.316 | 10 | 261 | .005 | .100 | .379 | -.346 | 10 | 511 | -.174 | .109 | .184 | -.606 |
| 10 | 191 | .127 | .128 | .609 | -.669 | 10 | 262 | .009 | .095 | .329 | -.342 | 10 | 512 | -.177 | .106 | .192 | -.580 |
| 10 | 192 | .117 | .127 | .666 | -.330 | 10 | 263 | .004 | .098 | .352 | -.377 | 10 | 513 | -.173 | .105 | .160 | -.588 |
| 10 | 193 | .113 | .136 | .576 | -.635 | 10 | 264 | .050 | .111 | .329 | -.449 | 10 | 514 | -.170 | .106 | .120 | -.671 |
| 10 | 194 | .105 | .124 | .752 | -.512 | 10 | 265 | .077 | .112 | .283 | -.472 | 10 | 515 | -.153 | .101 | .193 | -.496 |
| 10 | 195 | .138 | .121 | .668 | -.245 | 10 | 266 | .008 | .110 | .378 | -.380 | 10 | 516 | -.157 | .104 | .150 | -.590 |
| 10 | 196 | .107 | .110 | .578 | -.282 | 10 | 267 | .020 | .112 | .346 | -.394 | 10 | 517 | -.143 | .102 | .216 | -.580 |
| 10 | 197 | .078 | .121 | .590 | -.264 | 10 | 268 | .059 | .102 | .413 | -.317 | 10 | 518 | -.154 | .112 | .195 | -.565 |
| 10 | 198 | .029 | .128 | .669 | -.365 | 10 | 269 | .087 | .099 | .387 | -.224 | 10 | 519 | -.166 | .112 | .209 | -.642 |
| 10 | 199 | .018 | .131 | .592 | -.408 | 10 | 270 | .086 | .096 | .382 | -.244 | 10 | 520 | -.172 | .112 | .158 | -.720 |
| 10 | 200 | .039 | .097 | .306 | -.315 | 10 | 271 | .070 | .111 | .433 | -.380 | 10 | 521 | -.184 | .119 | .216 | -.913 |
| 10 | 202 | .025 | .101 | .306 | -.351 | 10 | 272 | .066 | .106 | .414 | -.346 | 10 | 522 | -.180 | .103 | .155 | -.533 |
| 10 | 203 | .043 | .123 | .350 | -.722 | 10 | 273 | .048 | .109 | .411 | -.348 | 10 | 523 | -.170 | .109 | .206 | -.536 |
| 10 | 204 | .122 | .154 | .435 | -1.078 | 10 | 274 | .021 | .108 | .399 | -.336 | 10 | 524 | -.169 | .104 | .219 | -.550 |
| 10 | 205 | .158 | .137 | .269 | -.773 | 10 | 275 | .021 | .100 | .365 | -.323 | 10 | 525 | -.170 | .102 | .201 | -.536 |
| 10 | 206 | .027 | .131 | .533 | -.664 | 10 | 276 | .029 | .107 | .362 | -.326 | 10 | 526 | -.184 | .107 | .173 | -.568 |
| 10 | 207 | .008 | .150 | .707 | -.546 | 10 | 277 | .018 | .106 | .373 | -.433 | 10 | 527 | -.220 | .115 | .239 | -.680 |
| 10 | 208 | .097 | .117 | .584 | -.377 | 10 | 278 | .073 | .098 | .297 | -.363 | 10 | 528 | -.267 | .119 | .229 | -.879 |
| 10 | 209 | .129 | .111 | .610 | -.233 | 10 | 279 | .108 | .097 | .214 | -.447 | 10 | 529 | -.308 | .122 | .060 | -1.046 |
| 10 | 210 | .129 | .110 | .510 | -.245 | 10 | 280 | .005 | .093 | .290 | -.283 | 10 | 530 | -.338 | .115 | .006 | -.751 |
| 10 | 211 | .089 | .112 | .524 | -.389 | 10 | 281 | .006 | .095 | .281 | -.357 | 10 | 531 | -.316 | .104 | .042 | -.792 |
| 10 | 212 | .107 | .125 | .578 | -.386 | 10 | 282 | .004 | .101 | .343 | -.297 | 10 | 532 | -.284 | .110 | .080 | -.783 |
| 10 | 213 | .080 | .127 | .517 | -.546 | 10 | 283 | .042 | .104 | .370 | -.283 | 10 | 533 | -.231 | .108 | .116 | -.637 |
| 10 | 214 | .033 | .111 | .412 | -.334 | 10 | 284 | .022 | .092 | .358 | -.260 | 10 | 534 | -.198 | .102 | .177 | -.591 |
| 10 | 215 | .001 | .100 | .402 | -.348 | 10 | 285 | .080 | .100 | .495 | -.279 | 10 | 535 | -.188 | .101 | .193 | -.582 |
| 10 | 216 | .049 | .102 | .306 | -.405 | 10 | 286 | .085 | .104 | .519 | -.250 | 10 | 536 | -.178 | .108 | .151 | -.714 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 10 | 537 | .195 | .118 | .200 | -.834 | 10 | 912 | -.239 | .161 | .214 | -.794 | 20 | 140 | -.165 | .135 | .354 | -.680 |
| 10 | 538 | .199 | .123 | .163 | -.811 | 10 | 913 | -.023 | .094 | .311 | -.340 | 20 | 141 | -.092 | .112 | .343 | -.497 |
| 10 | 539 | .199 | .115 | .145 | -.892 | 10 | 914 | -.003 | .087 | .280 | -.348 | 20 | 142 | -.033 | .121 | .476 | -.454 |
| 10 | 540 | .199 | .116 | .171 | -.812 | 10 | 915 | -.373 | .146 | .111 | -1.049 | 20 | 143 | -.005 | .156 | .557 | -.712 |
| 10 | 541 | .193 | .104 | .151 | -.620 | 10 | 916 | -.266 | .158 | .409 | -.872 | 20 | 144 | -.102 | .227 | .519 | -1.290 |
| 10 | 542 | .171 | .099 | .137 | -.623 | 10 | 917 | -.000 | .090 | .305 | -.259 | 20 | 145 | -.211 | .286 | .517 | -1.789 |
| 10 | 543 | .152 | .110 | .168 | -.522 | 10 | 919 | .072 | .173 | .812 | -.632 | 20 | 146 | .009 | .227 | .953 | -.850 |
| 10 | 544 | .171 | .123 | .174 | -.818 | 10 | 920 | -.001 | .100 | .346 | -.336 | 20 | 147 | .148 | .237 | 1.046 | -.685 |
| 10 | 545 | .180 | .116 | .134 | -.723 | 10 | 921 | -.300 | .157 | .277 | -.979 | 20 | 149 | .245 | .203 | 1.459 | -.459 |
| 10 | 546 | .226 | .117 | .148 | -.743 | 10 | 922 | -.437 | .166 | .118 | -1.035 | 20 | 150 | .196 | .209 | 1.019 | -.778 |
| 10 | 547 | .232 | .116 | .194 | -.606 | 10 | 923 | -.220 | .202 | .439 | -1.077 | 20 | 151 | .211 | .201 | 1.931 | -.392 |
| 10 | 548 | .222 | .118 | .223 | -.694 | 10 | 924 | -.364 | .173 | .114 | -1.667 | 20 | 152 | .255 | .196 | 1.131 | -.599 |
| 10 | 549 | .224 | .120 | .125 | -.880 | 10 | 925 | -.060 | .193 | .532 | -.266 | 20 | 153 | .253 | .220 | 1.019 | -.728 |
| 10 | 550 | .202 | .111 | .163 | -.397 | 10 | 926 | -.002 | .102 | .371 | -.331 | 20 | 154 | .299 | .191 | 1.111 | -.271 |
| 10 | 551 | .188 | .101 | .113 | -.326 | 10 | 927 | .139 | .196 | .889 | -.595 | 20 | 155 | .296 | .189 | 1.071 | -.180 |
| 10 | 552 | .157 | .106 | .163 | -.719 | 10 | 928 | .138 | .218 | .914 | -.732 | 20 | 156 | .271 | .178 | 1.099 | -.271 |
| 10 | 553 | .162 | .121 | .245 | -.783 | 10 | 929 | -.008 | .180 | .681 | -.780 | 20 | 157 | .236 | .184 | 1.013 | -.324 |
| 10 | 554 | .182 | .128 | .197 | -.854 | 10 | 930 | .035 | .110 | .461 | -.277 | 20 | 158 | .112 | .178 | .989 | -.449 |
| 10 | 556 | .243 | .118 | .137 | -.746 | 10 | 931 | .061 | .104 | .420 | -.279 | 20 | 159 | .050 | .194 | .717 | -.512 |
| 10 | 556 | .233 | .109 | .136 | -.682 | 10 | 932 | .057 | .099 | .530 | -.348 | 20 | 160 | -.002 | .112 | .379 | -.353 |
| 10 | 556 | .240 | .114 | .134 | -.814 | 10 | 933 | -.016 | .100 | .336 | -.443 | 20 | 161 | -.008 | .111 | .369 | -.409 |
| 10 | 556 | .234 | .110 | .153 | -.674 | 10 | 934 | .032 | .096 | .393 | -.306 | 20 | 162 | -.006 | .126 | .432 | -.412 |
| 10 | 556 | .192 | .101 | .131 | -.574 | 10 | 935 | .035 | .087 | .289 | -.350 | 20 | 163 | -.001 | .146 | .442 | -1.103 |
| 10 | 556 | .156 | .102 | .128 | -.519 | 10 | 936 | -.012 | .092 | .266 | -.296 | 20 | 164 | -.202 | .210 | .366 | -1.068 |
| 10 | 557 | .127 | .097 | .205 | -.488 | 10 | 937 | .065 | .103 | .434 | -.279 | 20 | 165 | .243 | .201 | .655 | -1.475 |
| 10 | 557 | .133 | .106 | .197 | -.477 | 10 | 938 | .047 | .100 | .358 | -.284 | 20 | 166 | .018 | .207 | .722 | -.693 |
| 10 | 572 | .132 | .101 | .202 | -.505 | 10 | 939 | .040 | .096 | .347 | -.306 | 20 | 167 | .015 | .234 | .906 | -.762 |
| 10 | 573 | .167 | .105 | .177 | -.560 | 10 | 940 | .029 | .103 | .387 | -.359 | 20 | 168 | .173 | .212 | .961 | -.406 |
| 10 | 574 | .178 | .109 | .191 | -.560 | 10 | 941 | .020 | .103 | .358 | -.322 | 20 | 169 | .195 | .208 | 1.117 | -.306 |
| 10 | 575 | .135 | .099 | .234 | -.483 | 10 | 942 | -.002 | .106 | .374 | -.381 | 20 | 170 | .177 | .208 | 1.124 | -.414 |
| 10 | 576 | .278 | .135 | .107 | -.995 | 10 | 943 | -.039 | .099 | .255 | -.391 | 20 | 171 | .173 | .191 | .979 | -.468 |
| 10 | 577 | .271 | .130 | .111 | -1.089 | 10 | 944 | -.065 | .086 | .233 | -.361 | 20 | 172 | .195 | .196 | .935 | -.419 |
| 10 | 578 | .187 | .112 | .196 | -.668 | 10 | 945 | -.145 | .087 | .143 | -.411 | 20 | 173 | .186 | .190 | .937 | -.444 |
| 10 | 579 | .162 | .105 | .233 | -.553 | 10 | 946 | -.154 | .093 | .130 | -.463 | 20 | 174 | .182 | .166 | .732 | -.463 |
| 10 | 580 | .141 | .100 | .230 | -.425 | 10 | 947 | -.149 | .099 | .138 | -.517 | 20 | 175 | .225 | .148 | .851 | -.300 |
| 10 | 581 | .144 | .097 | .193 | -.511 | 10 | 948 | -.116 | .095 | .204 | -.435 | 20 | 176 | .188 | .132 | .564 | -.206 |
| 10 | 582 | .158 | .101 | .194 | -.600 | 10 | 949 | -.096 | .098 | .222 | -.432 | 20 | 177 | .149 | .151 | .781 | -.365 |
| 10 | 584 | .243 | .098 | .080 | -.396 | 10 | 950 | -.075 | .100 | .264 | -.411 | 20 | 178 | .015 | .136 | .508 | -.379 |
| 10 | 585 | .283 | .100 | .025 | -.691 | 10 | 951 | -.047 | .099 | .255 | -.386 | 20 | 179 | -.093 | .149 | .787 | -.538 |
| 10 | 901 | .167 | .136 | .347 | -.704 | 10 | 952 | -.023 | .094 | .347 | -.343 | 20 | 180 | .048 | .115 | .394 | -.401 |
| 10 | 902 | .182 | .108 | .248 | -.556 | 10 | 953 | -.012 | .093 | .310 | -.309 | 20 | 181 | .031 | .113 | .409 | -.338 |
| 10 | 903 | .117 | .117 | .272 | -.610 | 10 | 954 | -.010 | .095 | .332 | -.327 | 20 | 182 | .021 | .110 | .397 | -.355 |
| 10 | 904 | .182 | .129 | .262 | -.677 | 10 | 955 | -.033 | .096 | .349 | -.341 | 20 | 183 | .003 | .141 | .481 | -1.027 |
| 10 | 905 | .262 | .155 | .217 | -.836 | 10 | 956 | -.001 | .094 | .317 | -.319 | 20 | 184 | -.141 | .197 | .448 | -.989 |
| 10 | 906 | .233 | .121 | .146 | -.669 | 10 | 957 | -.003 | .109 | .355 | -.452 | 20 | 185 | -.213 | .190 | .409 | -1.044 |
| 10 | 907 | .160 | .114 | .239 | -.583 | 10 | 958 | -.029 | .097 | .303 | -.329 | 20 | 186 | .027 | .174 | .680 | -.538 |
| 10 | 908 | .200 | .116 | .292 | -.687 | 10 | 959 | -.020 | .092 | .283 | -.361 | 20 | 187 | .108 | .227 | 1.199 | -.639 |
| 10 | 909 | .280 | .138 | .181 | -.979 | 10 | 960 | -.022 | .087 | .347 | -.309 | 20 | 188 | .245 | .190 | 1.232 | -.253 |
| 10 | 910 | .228 | .129 | .225 | -.805 | 10 | 961 | -.001 | .088 | .341 | -.267 | 20 | 189 | .323 | .190 | 1.056 | -.117 |
| 10 | 911 | .296 | .158 | .255 | -.871 | 10 | 962 | -.014 | .091 | .266 | -.289 | 20 | 190 | .320 | .179 | 1.049 | -.180 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 20 | 191 | .290 | .179 | 1.017 | -.254 | 20 | 262 | -.012 | .100 | .360 | -.336 | 20 | 512 | -.164 | .115 | .255 | -.537 |
| 20 | 192 | .301 | .176 | .920 | -.305 | 20 | 263 | -.011 | .103 | .317 | -.410 | 20 | 513 | -.170 | .112 | .132 | -.553 |
| 20 | 193 | .234 | .164 | .975 | -.236 | 20 | 264 | -.085 | .133 | .291 | -.702 | 20 | 514 | -.163 | .108 | .167 | -.608 |
| 20 | 194 | .170 | .151 | .723 | -.372 | 20 | 265 | -.104 | .129 | .357 | -.583 | 20 | 515 | -.157 | .108 | .262 | -.523 |
| 20 | 195 | .169 | .134 | .688 | -.310 | 20 | 266 | -.003 | .126 | .640 | -.424 | 20 | 516 | -.159 | .112 | .191 | -.629 |
| 20 | 196 | .164 | .118 | .749 | -.207 | 20 | 267 | .010 | .130 | .456 | -.445 | 20 | 517 | -.152 | .111 | .217 | -.523 |
| 20 | 197 | .085 | .119 | .537 | -.315 | 20 | 268 | .083 | .115 | .539 | -.377 | 20 | 518 | -.150 | .117 | .289 | -.547 |
| 20 | 198 | .004 | .111 | .376 | -.364 | 20 | 269 | .127 | .121 | .567 | -.380 | 20 | 519 | -.159 | .121 | .247 | -.706 |
| 20 | 199 | .067 | .111 | .320 | -.572 | 20 | 270 | .133 | .111 | .588 | -.199 | 20 | 520 | -.177 | .109 | .205 | -.687 |
| 20 | 200 | .001 | .112 | .421 | -.414 | 20 | 271 | .111 | .124 | .570 | -.320 | 20 | 521 | -.167 | .108 | .203 | -.506 |
| 20 | 202 | .001 | .112 | .453 | -.377 | 20 | 272 | .120 | .122 | .580 | -.368 | 20 | 522 | -.186 | .103 | .132 | -.531 |
| 20 | 203 | .010 | .124 | .429 | -.496 | 20 | 273 | .099 | .122 | .566 | -.320 | 20 | 523 | -.185 | .114 | .217 | -.564 |
| 20 | 204 | .138 | .189 | .369 | -.938 | 20 | 274 | .082 | .128 | .640 | -.360 | 20 | 524 | -.171 | .107 | .186 | -.553 |
| 20 | 205 | .188 | .170 | .436 | -1.108 | 20 | 275 | .074 | .115 | .536 | -.305 | 20 | 525 | -.172 | .105 | .238 | -.592 |
| 20 | 206 | .051 | .158 | .831 | -.550 | 20 | 276 | .058 | .116 | .492 | -.327 | 20 | 526 | -.184 | .113 | .254 | -.645 |
| 20 | 207 | .090 | .170 | .927 | -.659 | 20 | 277 | .012 | .114 | .580 | -.335 | 20 | 527 | -.229 | .120 | .206 | -.665 |
| 20 | 208 | .207 | .170 | .836 | -.290 | 20 | 278 | .062 | .102 | .278 | -.429 | 20 | 528 | -.276 | .123 | .109 | -.760 |
| 20 | 209 | .249 | .163 | 1.093 | -.185 | 20 | 279 | .109 | .108 | .273 | -.435 | 20 | 529 | -.323 | .109 | .044 | -.730 |
| 20 | 210 | .266 | .142 | .978 | -.219 | 20 | 280 | .005 | .098 | .300 | -.335 | 20 | 530 | -.337 | .112 | .110 | -.782 |
| 20 | 211 | .217 | .157 | .838 | -.221 | 20 | 281 | .015 | .097 | .298 | -.352 | 20 | 531 | -.326 | .110 | .024 | -.798 |
| 20 | 212 | .213 | .154 | .908 | -.343 | 20 | 282 | .002 | .102 | .312 | -.389 | 20 | 532 | -.296 | .103 | .051 | -.679 |
| 20 | 213 | .172 | .158 | .826 | -.422 | 20 | 283 | .054 | .121 | .508 | -.335 | 20 | 533 | -.236 | .106 | .122 | -.595 |
| 20 | 214 | .063 | .147 | .619 | -.758 | 20 | 284 | .033 | .113 | .461 | -.296 | 20 | 534 | -.203 | .110 | .162 | -.614 |
| 20 | 215 | .026 | .137 | .648 | -.666 | 20 | 285 | .099 | .121 | .541 | -.304 | 20 | 535 | -.181 | .109 | .185 | -.526 |
| 20 | 216 | .026 | .121 | .406 | -.431 | 20 | 286 | .115 | .108 | .590 | -.242 | 20 | 536 | -.166 | .107 | .146 | -.669 |
| 20 | 217 | .105 | .111 | .342 | -.575 | 20 | 287 | .118 | .112 | .557 | -.250 | 20 | 537 | -.216 | .115 | .191 | -.636 |
| 20 | 218 | .138 | .099 | .193 | -.490 | 20 | 288 | .147 | .113 | .525 | -.229 | 20 | 538 | -.193 | .115 | .154 | -.625 |
| 20 | 219 | .136 | .106 | .220 | -.470 | 20 | 289 | .149 | .114 | .609 | -.204 | 20 | 539 | -.189 | .107 | .146 | -.564 |
| 20 | 220 | .045 | .104 | .333 | -.418 | 20 | 290 | .129 | .113 | .576 | -.256 | 20 | 540 | -.203 | .108 | .097 | -.601 |
| 20 | 221 | .028 | .104 | .302 | -.346 | 20 | 291 | .111 | .113 | .506 | -.245 | 20 | 541 | -.204 | .111 | .139 | -.620 |
| 20 | 222 | .024 | .104 | .327 | -.320 | 20 | 292 | .085 | .110 | .429 | -.296 | 20 | 542 | -.168 | .105 | .162 | -.501 |
| 20 | 223 | .020 | .109 | .424 | -.368 | 20 | 293 | .052 | .110 | .437 | -.324 | 20 | 543 | -.141 | .112 | .226 | -.499 |
| 20 | 224 | .106 | .147 | .487 | -.806 | 20 | 294 | .025 | .114 | .382 | -.364 | 20 | 544 | -.148 | .113 | .214 | -.534 |
| 20 | 225 | .139 | .154 | .393 | -.839 | 20 | 295 | .025 | .114 | .353 | -.412 | 20 | 545 | -.160 | .110 | .207 | -.559 |
| 20 | 226 | .003 | .129 | .536 | -.500 | 20 | 296 | .065 | .116 | .442 | -.460 | 20 | 546 | -.238 | .117 | .168 | -.728 |
| 20 | 227 | .033 | .139 | .605 | -.440 | 20 | 297 | .126 | .103 | .222 | -.459 | 20 | 547 | -.233 | .109 | .132 | -.750 |
| 20 | 228 | .142 | .137 | .751 | -.228 | 20 | 298 | .178 | .106 | .182 | -.503 | 20 | 548 | -.220 | .112 | .173 | -.623 |
| 20 | 229 | .182 | .129 | .756 | -.176 | 20 | 299 | .170 | .106 | .223 | -.545 | 20 | 549 | -.229 | .112 | .149 | -.650 |
| 20 | 230 | .175 | .122 | .658 | -.250 | 20 | 401 | .173 | .124 | .281 | -.648 | 20 | 550 | -.214 | .106 | .089 | -.590 |
| 20 | 231 | .155 | .130 | .787 | -.336 | 20 | 463 | .127 | .109 | .234 | -.525 | 20 | 551 | -.177 | .108 | .136 | -.579 |
| 20 | 232 | .152 | .124 | .605 | -.341 | 20 | 501 | .186 | .112 | .200 | -.591 | 20 | 552 | -.149 | .111 | .236 | -.564 |
| 20 | 233 | .131 | .119 | .651 | -.272 | 20 | 502 | .171 | .118 | .186 | -.656 | 20 | 553 | -.152 | .121 | .217 | -.642 |
| 20 | 234 | .077 | .121 | .460 | -.468 | 20 | 503 | .170 | .123 | .229 | -.668 | 20 | 554 | -.165 | .117 | .163 | -.687 |
| 20 | 235 | .096 | .120 | .618 | -.294 | 20 | 504 | .170 | .115 | .282 | -.586 | 20 | 554 | -.261 | .117 | .102 | -.672 |
| 20 | 236 | .085 | .113 | .442 | -.254 | 20 | 505 | .165 | .119 | .184 | -.708 | 20 | 555 | -.256 | .108 | .105 | -.709 |
| 20 | 237 | .024 | .105 | .368 | -.303 | 20 | 506 | .157 | .112 | .252 | -.602 | 20 | 556 | -.250 | .119 | .147 | -.699 |
| 20 | 238 | .039 | .104 | .292 | -.481 | 20 | 507 | .148 | .117 | .236 | -.523 | 20 | 557 | -.238 | .110 | .176 | -.623 |
| 20 | 239 | .085 | .109 | .248 | -.410 | 20 | 508 | .150 | .116 | .287 | -.561 | 20 | 558 | -.207 | .108 | .110 | -.545 |
| 20 | 260 | .012 | .102 | .332 | -.305 | 20 | 510 | .169 | .111 | .194 | -.597 | 20 | 569 | -.169 | .105 | .214 | -.530 |
| 20 | 261 | .002 | .102 | .294 | -.341 | 20 | 511 | .161 | .119 | .232 | -.686 | 20 | 570 | -.153 | .109 | .234 | -.590 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 20 | 571 | 165 | 115 | 196 | 376 | 20 | 938 | 080 | 119 | 489 | 311 | 30 | 166 | 032 | 180 | 614 | 730 |
| 20 | 572 | 165 | 113 | 226 | 327 | 20 | 939 | 058 | 103 | 438 | 362 | 30 | 167 | 122 | 193 | 813 | 600 |
| 20 | 573 | 190 | 116 | 266 | 587 | 20 | 940 | 052 | 120 | 423 | 435 | 30 | 168 | 270 | 186 | 1.013 | 398 |
| 20 | 574 | 207 | 116 | 201 | 601 | 20 | 941 | 021 | 114 | 386 | 391 | 30 | 169 | 350 | 206 | 1.129 | 247 |
| 20 | 575 | 169 | 101 | 130 | 524 | 20 | 942 | 010 | 127 | 435 | 545 | 30 | 170 | 329 | 219 | 1.052 | 260 |
| 20 | 576 | 253 | 125 | 157 | 729 | 20 | 943 | 037 | 117 | 408 | 455 | 30 | 171 | 339 | 210 | 1.373 | 268 |
| 20 | 577 | 269 | 133 | 089 | 852 | 20 | 944 | 062 | 116 | 316 | 457 | 30 | 172 | 329 | 220 | 1.143 | 499 |
| 20 | 578 | 249 | 119 | 160 | 663 | 20 | 945 | 194 | 103 | 148 | 538 | 30 | 173 | 318 | 193 | 1.944 | 412 |
| 20 | 579 | 196 | 117 | 255 | 367 | 20 | 946 | 154 | 105 | 170 | 584 | 30 | 174 | 296 | 199 | 1.018 | 347 |
| 20 | 580 | 162 | 103 | 171 | 364 | 20 | 947 | 177 | 107 | 180 | 507 | 30 | 175 | 295 | 179 | 1.893 | 238 |
| 20 | 581 | 166 | 108 | 217 | 348 | 20 | 948 | 140 | 105 | 218 | 486 | 30 | 176 | 272 | 164 | 1.948 | 182 |
| 20 | 582 | 203 | 108 | 157 | 587 | 20 | 949 | 104 | 103 | 256 | 462 | 30 | 177 | 155 | 136 | 1.591 | 333 |
| 20 | 584 | 294 | 104 | 056 | 623 | 20 | 950 | 083 | 111 | 371 | 526 | 30 | 178 | 008 | 130 | 1.393 | 517 |
| 20 | 585 | 320 | 108 | 117 | 688 | 20 | 951 | 033 | 106 | 381 | 412 | 30 | 179 | 144 | 124 | 1.488 | 585 |
| 20 | 901 | 213 | 165 | 381 | 679 | 20 | 952 | 020 | 104 | 331 | 346 | 30 | 180 | 061 | 108 | 1.479 | 350 |
| 20 | 902 | 235 | 127 | 211 | 746 | 20 | 953 | 006 | 110 | 451 | 344 | 30 | 181 | 031 | 098 | 1.468 | 333 |
| 20 | 903 | 170 | 142 | 248 | 696 | 20 | 954 | 062 | 104 | 312 | 379 | 30 | 182 | 024 | 099 | 1.346 | 323 |
| 20 | 904 | 121 | 147 | 418 | 678 | 20 | 955 | 039 | 112 | 452 | 404 | 30 | 183 | 030 | 128 | 1.457 | 607 |
| 20 | 905 | 195 | 150 | 299 | 807 | 20 | 956 | 014 | 110 | 434 | 333 | 30 | 184 | 195 | 204 | 1.422 | 978 |
| 20 | 906 | 277 | 145 | 221 | 866 | 20 | 957 | 007 | 110 | 412 | 329 | 30 | 185 | 238 | 173 | 1.452 | 831 |
| 20 | 907 | 200 | 144 | 340 | 703 | 20 | 958 | 025 | 104 | 399 | 379 | 30 | 186 | 022 | 150 | 1.558 | 522 |
| 20 | 908 | 195 | 138 | 280 | 803 | 20 | 959 | 011 | 109 | 374 | 394 | 30 | 187 | 122 | 174 | 1.745 | 471 |
| 20 | 909 | 292 | 155 | 216 | 907 | 20 | 960 | 037 | 102 | 349 | 276 | 30 | 188 | 315 | 173 | 1.005 | 244 |
| 20 | 910 | 314 | 178 | 219 | 989 | 20 | 961 | 037 | 109 | 409 | 321 | 30 | 189 | 389 | 186 | 1.086 | 041 |
| 20 | 911 | 339 | 181 | 226 | 970 | 20 | 962 | 005 | 111 | 354 | 354 | 30 | 190 | 370 | 172 | 1.062 | 189 |
| 20 | 912 | 258 | 183 | 375 | 965 | 30 | 140 | 162 | 105 | 210 | 464 | 30 | 191 | 353 | 176 | 1.026 | 125 |
| 20 | 913 | 028 | 111 | 338 | 409 | 30 | 141 | 063 | 106 | 269 | 420 | 30 | 192 | 350 | 166 | 1.977 | 132 |
| 20 | 914 | 023 | 102 | 309 | 335 | 30 | 142 | 029 | 120 | 445 | 307 | 30 | 193 | 320 | 186 | 1.026 | 190 |
| 20 | 915 | 415 | 166 | 061 | 155 | 30 | 143 | 077 | 123 | 573 | 377 | 30 | 194 | 249 | 184 | 1.158 | 526 |
| 20 | 916 | 379 | 235 | 367 | 209 | 30 | 144 | 000 | 195 | 633 | 905 | 30 | 195 | 254 | 168 | 1.910 | 281 |
| 20 | 917 | 027 | 143 | 533 | 437 | 30 | 145 | 107 | 229 | 572 | 386 | 30 | 196 | 197 | 131 | 1.666 | 252 |
| 20 | 919 | 038 | 174 | 717 | 476 | 30 | 146 | 133 | 183 | 819 | 617 | 30 | 197 | 106 | 115 | 1.569 | 254 |
| 20 | 920 | 008 | 109 | 391 | 331 | 30 | 147 | 327 | 239 | 1.056 | 569 | 30 | 198 | 009 | 108 | 1.377 | 346 |
| 20 | 921 | 379 | 204 | 294 | 310 | 30 | 149 | 356 | 231 | 1.279 | 290 | 30 | 199 | 074 | 112 | 1.322 | 498 |
| 20 | 922 | 495 | 209 | 075 | 554 | 30 | 150 | 335 | 195 | 988 | 409 | 30 | 200 | 008 | 099 | 1.338 | 333 |
| 20 | 923 | 374 | 316 | 523 | 705 | 30 | 151 | 344 | 201 | 977 | 262 | 30 | 202 | 002 | 110 | 1.438 | 325 |
| 20 | 924 | 483 | 232 | 277 | 403 | 30 | 152 | 416 | 211 | 1.099 | 309 | 30 | 203 | 006 | 118 | 1.406 | 452 |
| 20 | 925 | 093 | 111 | 486 | 323 | 30 | 153 | 438 | 204 | 1.085 | 382 | 30 | 204 | 183 | 187 | 1.461 | 926 |
| 20 | 926 | 007 | 127 | 477 | 499 | 30 | 154 | 384 | 202 | 1.073 | 406 | 30 | 205 | 234 | 175 | 1.436 | 1.031 |
| 20 | 927 | 151 | 195 | 922 | 435 | 30 | 155 | 382 | 207 | 1.098 | 337 | 30 | 206 | 002 | 156 | 1.682 | 547 |
| 20 | 928 | 180 | 206 | 1.138 | 460 | 30 | 156 | 328 | 163 | 872 | 168 | 30 | 207 | 050 | 159 | 1.756 | 514 |
| 20 | 929 | 069 | 181 | 756 | 533 | 30 | 157 | 220 | 146 | 799 | 233 | 30 | 208 | 198 | 161 | 1.828 | 343 |
| 20 | 930 | 108 | 128 | 605 | 346 | 30 | 158 | 045 | 134 | 623 | 453 | 30 | 209 | 292 | 140 | 1.840 | 095 |
| 20 | 931 | 078 | 124 | 525 | 472 | 30 | 159 | 039 | 140 | 490 | 686 | 30 | 210 | 263 | 142 | 1.834 | 149 |
| 20 | 932 | 104 | 121 | 615 | 297 | 30 | 160 | 018 | 102 | 365 | 274 | 30 | 211 | 264 | 158 | 1.821 | 217 |
| 20 | 933 | 034 | 113 | 352 | 491 | 30 | 161 | 018 | 121 | 413 | 377 | 30 | 212 | 231 | 146 | 1.775 | 222 |
| 20 | 934 | 035 | 113 | 547 | 408 | 30 | 162 | 042 | 109 | 585 | 393 | 30 | 213 | 213 | 155 | 1.799 | 320 |
| 20 | 935 | 068 | 108 | 454 | 318 | 30 | 163 | 044 | 124 | 596 | 598 | 30 | 214 | 105 | 135 | 1.587 | 400 |
| 20 | 936 | 000 | 113 | 347 | 367 | 30 | 164 | 219 | 215 | 443 | 209 | 30 | 215 | 053 | 130 | 1.536 | 439 |
| 20 | 937 | 082 | 117 | 481 | 313 | 30 | 165 | 208 | 219 | 539 | 1.129 | 30 | 216 | 014 | 120 | 1.393 | 346 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 30 | 217 | .089 | .111 | .276 | .446 | 30 | 287 | .114 | .108 | .489 | .244 | 30 | 537 | .211 | .117 | .168 | .667 |
| 30 | 218 | .139 | .091 | .153 | .443 | 30 | 288 | .135 | .105 | .505 | .234 | 30 | 538 | .194 | .110 | .162 | .627 |
| 30 | 219 | .140 | .096 | .180 | .433 | 30 | 289 | .148 | .112 | .703 | .272 | 30 | 539 | .188 | .107 | .147 | .598 |
| 30 | 220 | .058 | .097 | .265 | .402 | 30 | 290 | .135 | .103 | .569 | .256 | 30 | 540 | .214 | .103 | .236 | .580 |
| 30 | 221 | .042 | .102 | .337 | .346 | 30 | 291 | .094 | .109 | .426 | .277 | 30 | 541 | .200 | .107 | .169 | .569 |
| 30 | 222 | .036 | .100 | .310 | .355 | 30 | 292 | .084 | .112 | .487 | .271 | 30 | 542 | .179 | .097 | .131 | .595 |
| 30 | 223 | .025 | .100 | .307 | .383 | 30 | 293 | .045 | .108 | .464 | .291 | 30 | 543 | .155 | .104 | .224 | .530 |
| 30 | 224 | .142 | .149 | .416 | .761 | 30 | 294 | .026 | .102 | .384 | .326 | 30 | 544 | .154 | .108 | .201 | .741 |
| 30 | 225 | .191 | .141 | .241 | .823 | 30 | 295 | .003 | .108 | .455 | .394 | 30 | 545 | .166 | .109 | .204 | .525 |
| 30 | 226 | .022 | .116 | .350 | .487 | 30 | 296 | .018 | .110 | .347 | .364 | 30 | 546 | .239 | .113 | .089 | .759 |
| 30 | 227 | .014 | .138 | .492 | .451 | 30 | 297 | .102 | .102 | .268 | .473 | 30 | 547 | .232 | .106 | .080 | .629 |
| 30 | 228 | .149 | .131 | .861 | .222 | 30 | 298 | .179 | .089 | .117 | .475 | 30 | 548 | .233 | .113 | .125 | .595 |
| 30 | 229 | .205 | .125 | .629 | .141 | 30 | 299 | .168 | .099 | .139 | .526 | 30 | 549 | .242 | .118 | .195 | .718 |
| 30 | 230 | .201 | .128 | .711 | .151 | 30 | 401 | .205 | .120 | .224 | .600 | 30 | 550 | .218 | .106 | .107 | .618 |
| 30 | 231 | .178 | .115 | .549 | .345 | 30 | 463 | .120 | .099 | .183 | .444 | 30 | 551 | .197 | .110 | .150 | .630 |
| 30 | 232 | .170 | .122 | .705 | .240 | 30 | 501 | .186 | .113 | .178 | .746 | 30 | 552 | .168 | .099 | .150 | .469 |
| 30 | 233 | .154 | .111 | .573 | .189 | 30 | 502 | .176 | .124 | .272 | .639 | 30 | 553 | .167 | .108 | .157 | .650 |
| 30 | 234 | .112 | .124 | .534 | .366 | 30 | 503 | .181 | .119 | .228 | .610 | 30 | 554 | .182 | .112 | .175 | .572 |
| 30 | 235 | .125 | .121 | .546 | .313 | 30 | 504 | .169 | .111 | .146 | .612 | 30 | 555 | .282 | .113 | .040 | .647 |
| 30 | 236 | .107 | .110 | .523 | .273 | 30 | 505 | .173 | .114 | .184 | .690 | 30 | 556 | .263 | .104 | .061 | .654 |
| 30 | 237 | .042 | .102 | .384 | .311 | 30 | 506 | .158 | .106 | .240 | .480 | 30 | 557 | .254 | .116 | .115 | .945 |
| 30 | 238 | .042 | .102 | .265 | .378 | 30 | 507 | .153 | .105 | .172 | .600 | 30 | 558 | .272 | .112 | .175 | .688 |
| 30 | 239 | .082 | .097 | .232 | .413 | 30 | 508 | .159 | .109 | .245 | .551 | 30 | 559 | .209 | .098 | .127 | .366 |
| 30 | 260 | .091 | .095 | .259 | .316 | 30 | 510 | .171 | .112 | .193 | .708 | 30 | 560 | .187 | .108 | .119 | .574 |
| 30 | 261 | .012 | .098 | .313 | .381 | 30 | 511 | .165 | .120 | .247 | .560 | 30 | 570 | .177 | .104 | .122 | .578 |
| 30 | 262 | .031 | .097 | .301 | .324 | 30 | 512 | .183 | .107 | .222 | .524 | 30 | 571 | .177 | .113 | .273 | .582 |
| 30 | 263 | .031 | .099 | .297 | .364 | 30 | 513 | .163 | .100 | .158 | .525 | 30 | 572 | .195 | .117 | .175 | .703 |
| 30 | 264 | .118 | .126 | .300 | .600 | 30 | 514 | .167 | .108 | .198 | .557 | 30 | 573 | .212 | .111 | .157 | .639 |
| 30 | 265 | .174 | .128 | .251 | .659 | 30 | 515 | .158 | .103 | .167 | .528 | 30 | 574 | .234 | .117 | .115 | .708 |
| 30 | 266 | .036 | .105 | .309 | .470 | 30 | 516 | .157 | .106 | .210 | .478 | 30 | 575 | .181 | .098 | .134 | .513 |
| 30 | 267 | .020 | .124 | .418 | .546 | 30 | 517 | .167 | .113 | .233 | .522 | 30 | 576 | .271 | .138 | .163 | .917 |
| 30 | 268 | .066 | .118 | .471 | .323 | 30 | 518 | .161 | .111 | .183 | .688 | 30 | 577 | .282 | .127 | .069 | .920 |
| 30 | 269 | .138 | .113 | .570 | .231 | 30 | 519 | .178 | .115 | .187 | .630 | 30 | 578 | .251 | .125 | .113 | .711 |
| 30 | 270 | .137 | .114 | .605 | .269 | 30 | 520 | .172 | .109 | .230 | .706 | 30 | 579 | .205 | .110 | .154 | .612 |
| 30 | 271 | .130 | .120 | .614 | .245 | 30 | 521 | .172 | .112 | .212 | .534 | 30 | 580 | .171 | .097 | .131 | .516 |
| 30 | 272 | .131 | .116 | .675 | .245 | 30 | 522 | .188 | .100 | .132 | .551 | 30 | 581 | .176 | .096 | .148 | .436 |
| 30 | 273 | .118 | .119 | .599 | .222 | 30 | 523 | .172 | .109 | .221 | .580 | 30 | 582 | .208 | .100 | .118 | .574 |
| 30 | 274 | .106 | .120 | .560 | .374 | 30 | 524 | .161 | .103 | .163 | .502 | 30 | 584 | .291 | .098 | .055 | .645 |
| 30 | 275 | .097 | .112 | .530 | .308 | 30 | 525 | .176 | .102 | .157 | .501 | 30 | 585 | .329 | .111 | .037 | .791 |
| 30 | 276 | .095 | .109 | .483 | .339 | 30 | 526 | .192 | .102 | .175 | .644 | 30 | 901 | .291 | .153 | .308 | .827 |
| 30 | 277 | .023 | .107 | .443 | .339 | 30 | 527 | .229 | .109 | .129 | .814 | 30 | 902 | .283 | .142 | .269 | .787 |
| 30 | 278 | .057 | .095 | .265 | .366 | 30 | 528 | .288 | .111 | .123 | .717 | 30 | 903 | .252 | .128 | .233 | .742 |
| 30 | 279 | .111 | .095 | .292 | .402 | 30 | 529 | .314 | .109 | .023 | .697 | 30 | 904 | .109 | .150 | .357 | .612 |
| 30 | 280 | .002 | .088 | .307 | .320 | 30 | 530 | .322 | .109 | .052 | .667 | 30 | 905 | .246 | .153 | .329 | .847 |
| 30 | 281 | .023 | .098 | .294 | .378 | 30 | 531 | .329 | .101 | .017 | .685 | 30 | 906 | .328 | .139 | .177 | .827 |
| 30 | 282 | .005 | .094 | .315 | .333 | 30 | 532 | .296 | .099 | .017 | .597 | 30 | 907 | .312 | .159 | .244 | .085 |
| 30 | 283 | .060 | .115 | .428 | .308 | 30 | 533 | .233 | .100 | .104 | .547 | 30 | 908 | .253 | .142 | .231 | .817 |
| 30 | 284 | .038 | .119 | .522 | .308 | 30 | 534 | .211 | .116 | .212 | .682 | 30 | 909 | .322 | .142 | .152 | .915 |
| 30 | 285 | .100 | .118 | .551 | .259 | 30 | 535 | .185 | .111 | .178 | .574 | 30 | 910 | .376 | .163 | .138 | .014 |
| 30 | 286 | .106 | .109 | .510 | .246 | 30 | 536 | .176 | .106 | .162 | .613 | 30 | 911 | .362 | .154 | .167 | .971 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 30 | 912 | .321 | .176 | .157 | -1.027 | 40 | 140 | .144 | .115 | .270 | -.651 | 40 | 191 | .275 | .177 | 1.036 | -.228 |
| 30 | 913 | .017 | .107 | .327 | -.392 | 40 | 141 | -.025 | .120 | .410 | -.433 | 40 | 192 | .253 | .182 | .891 | -.306 |
| 30 | 914 | .026 | .104 | .350 | -.367 | 40 | 142 | .088 | .143 | .671 | -.379 | 40 | 193 | .223 | .219 | .905 | -.688 |
| 30 | 915 | .420 | .135 | .072 | -.880 | 40 | 143 | .156 | .162 | .825 | -.376 | 40 | 194 | .167 | .213 | .790 | -.518 |
| 30 | 916 | .493 | .188 | .052 | -1.138 | 40 | 144 | .137 | .229 | .973 | -.809 | 40 | 195 | .165 | .199 | .850 | -.603 |
| 30 | 917 | .041 | .101 | .747 | -.280 | 40 | 145 | .052 | .279 | .940 | -.828 | 40 | 196 | .150 | .153 | .750 | -.369 |
| 30 | 919 | .052 | .142 | .553 | -.437 | 40 | 146 | .217 | .228 | 1.066 | -.656 | 40 | 197 | .073 | .132 | .560 | -.294 |
| 30 | 920 | .002 | .108 | .396 | -.399 | 40 | 147 | .361 | .238 | 1.227 | -.478 | 40 | 198 | -.022 | .112 | .413 | -.485 |
| 30 | 921 | .468 | .194 | .127 | -1.429 | 40 | 149 | .373 | .210 | .990 | -.365 | 40 | 199 | -.069 | .101 | .250 | -.417 |
| 30 | 922 | .480 | .174 | -.033 | -1.096 | 40 | 150 | .377 | .215 | .942 | -.316 | 40 | 200 | .018 | .191 | .290 | -.351 |
| 30 | 923 | .567 | .255 | .212 | -1.594 | 40 | 151 | .367 | .212 | 1.091 | -.224 | 40 | 202 | .003 | .099 | .321 | -.354 |
| 30 | 924 | .619 | .245 | .055 | -1.647 | 40 | 152 | .410 | .222 | 1.056 | -.254 | 40 | 203 | .004 | .112 | .411 | -.415 |
| 30 | 925 | .129 | .117 | .580 | -.235 | 40 | 153 | .351 | .223 | 1.087 | -.506 | 40 | 204 | -.106 | .175 | .375 | -1.043 |
| 30 | 926 | .030 | .135 | .515 | -.455 | 40 | 154 | .292 | .228 | 1.085 | -.592 | 40 | 205 | -.153 | .172 | .497 | -.851 |
| 30 | 927 | .190 | .186 | .882 | -.320 | 40 | 155 | .278 | .213 | .911 | -.505 | 40 | 206 | .014 | .137 | .476 | -.653 |
| 30 | 928 | .208 | .202 | .818 | -.650 | 40 | 156 | .290 | .174 | .853 | -.224 | 40 | 207 | .065 | .149 | .594 | -.504 |
| 30 | 929 | .147 | .175 | .710 | -.646 | 40 | 157 | .164 | .139 | .593 | -.358 | 40 | 208 | .168 | .134 | .683 | -.387 |
| 30 | 930 | .149 | .127 | .715 | -.240 | 40 | 158 | .017 | .133 | .452 | -.516 | 40 | 209 | .216 | .131 | .767 | -.139 |
| 30 | 931 | .083 | .131 | .563 | -.397 | 40 | 159 | -.054 | .117 | .360 | -.472 | 40 | 210 | .257 | .147 | .963 | -.168 |
| 30 | 932 | .120 | .112 | .483 | -.272 | 40 | 160 | .027 | .116 | .391 | -.371 | 40 | 211 | .219 | .142 | 1.028 | -.224 |
| 30 | 933 | .045 | .102 | .313 | -.392 | 40 | 161 | .036 | .109 | .460 | -.372 | 40 | 212 | .194 | .139 | .836 | -.235 |
| 30 | 934 | .036 | .117 | .449 | -.399 | 40 | 162 | .065 | .120 | .574 | -.293 | 40 | 213 | .180 | .150 | .766 | -.325 |
| 30 | 935 | .079 | .120 | .471 | -.367 | 40 | 163 | .101 | .145 | .627 | -.987 | 40 | 214 | .073 | .144 | .752 | -.388 |
| 30 | 936 | .008 | .105 | .409 | -.304 | 40 | 164 | -.033 | .268 | .800 | -1.088 | 40 | 215 | .028 | .138 | .503 | -.560 |
| 30 | 937 | .080 | .128 | .499 | -.323 | 40 | 165 | .040 | .260 | .817 | -1.058 | 40 | 216 | .000 | .134 | .572 | -.466 |
| 30 | 938 | .085 | .101 | .460 | -.258 | 40 | 166 | .082 | .183 | .946 | -.598 | 40 | 217 | .089 | .105 | .298 | -.414 |
| 30 | 939 | .043 | .107 | .370 | -.343 | 40 | 167 | .102 | .183 | .742 | -.620 | 40 | 218 | .135 | .091 | .191 | -.422 |
| 30 | 940 | .039 | .124 | .467 | -.490 | 40 | 168 | .221 | .188 | .904 | -.260 | 40 | 219 | .128 | .101 | .220 | -.460 |
| 30 | 941 | .010 | .101 | .343 | -.330 | 40 | 169 | .254 | .212 | .911 | -.319 | 40 | 220 | .062 | .100 | .327 | -.426 |
| 30 | 942 | .001 | .118 | .444 | -.431 | 40 | 170 | .233 | .198 | 1.149 | -.255 | 40 | 221 | .039 | .096 | .342 | -.351 |
| 30 | 943 | .048 | .107 | .311 | -.450 | 40 | 171 | .202 | .227 | .976 | -.459 | 40 | 222 | .029 | .100 | .266 | -.353 |
| 30 | 944 | .069 | .109 | .452 | -.437 | 40 | 172 | .206 | .243 | 1.031 | -.657 | 40 | 223 | .024 | .105 | .306 | -.419 |
| 30 | 945 | .181 | .097 | .159 | -.490 | 40 | 173 | .222 | .244 | .878 | -.581 | 40 | 224 | .120 | .145 | .284 | -.659 |
| 30 | 946 | .162 | .102 | .201 | -.476 | 40 | 174 | .164 | .240 | .866 | -.936 | 40 | 225 | .187 | .153 | .291 | -.827 |
| 30 | 947 | .173 | .104 | .158 | -.481 | 40 | 175 | .220 | .230 | .904 | -.598 | 40 | 226 | .023 | .122 | .401 | -.481 |
| 30 | 948 | .143 | .102 | .180 | -.548 | 40 | 176 | .178 | .157 | .714 | -.283 | 40 | 227 | .022 | .134 | .478 | -.534 |
| 30 | 949 | .099 | .097 | .185 | -.449 | 40 | 177 | .117 | .142 | .659 | -.311 | 40 | 228 | .142 | .128 | .575 | -.351 |
| 30 | 950 | .081 | .106 | .238 | -.492 | 40 | 178 | .036 | .120 | .410 | -.418 | 40 | 229 | .180 | .120 | .633 | -.209 |
| 30 | 951 | .050 | .101 | .265 | -.402 | 40 | 179 | .148 | .123 | .266 | -.549 | 40 | 230 | .183 | .122 | .633 | -.260 |
| 30 | 952 | .018 | .104 | .409 | -.366 | 40 | 180 | .040 | .104 | .446 | -.340 | 40 | 231 | .177 | .125 | .630 | -.286 |
| 30 | 953 | .066 | .107 | .354 | -.429 | 40 | 181 | .032 | .108 | .493 | -.303 | 40 | 232 | .183 | .132 | .692 | -.259 |
| 30 | 954 | .004 | .115 | .420 | -.399 | 40 | 182 | .035 | .114 | .656 | -.306 | 40 | 233 | .176 | .128 | .666 | -.185 |
| 30 | 955 | .047 | .105 | .315 | -.409 | 40 | 183 | .035 | .123 | .508 | -.488 | 40 | 234 | .120 | .135 | .693 | -.250 |
| 30 | 956 | .017 | .108 | .493 | -.357 | 40 | 184 | .085 | .223 | .763 | -1.155 | 40 | 235 | .128 | .120 | .559 | -.329 |
| 30 | 957 | .008 | .096 | .393 | -.345 | 40 | 185 | .085 | .199 | .511 | -.969 | 40 | 236 | .106 | .118 | .511 | -.295 |
| 30 | 958 | .037 | .097 | .299 | -.362 | 40 | 186 | .053 | .150 | .755 | -.406 | 40 | 237 | .044 | .108 | .482 | -.339 |
| 30 | 959 | .025 | .105 | .402 | -.330 | 40 | 187 | .092 | .154 | .744 | -.494 | 40 | 238 | .038 | .110 | .342 | -.439 |
| 30 | 960 | .050 | .102 | .432 | -.260 | 40 | 188 | .237 | .161 | .981 | -.218 | 40 | 239 | .069 | .100 | .229 | -.415 |
| 30 | 961 | .044 | .097 | .351 | -.274 | 40 | 189 | .295 | .159 | .940 | -.138 | 40 | 260 | .001 | .099 | .420 | -.306 |
| 30 | 962 | .020 | .102 | .402 | -.310 | 40 | 190 | .299 | .177 | 1.014 | -.134 | 40 | 261 | .012 | .104 | .380 | -.501 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 40 | 262 | .015 | .096 | .320 | .310 | 40 | 312 | .159 | .109 | .183 | .567 | 40 | 371 | .171 | .108 | .206 | .559 |
| 40 | 263 | .017 | .105 | .349 | .453 | 40 | 313 | .178 | .109 | .147 | .619 | 40 | 372 | .184 | .116 | .265 | .663 |
| 40 | 264 | .120 | .132 | .308 | .620 | 40 | 314 | .160 | .107 | .254 | .560 | 40 | 373 | .205 | .117 | .184 | .593 |
| 40 | 265 | .138 | .131 | .332 | .617 | 40 | 315 | .168 | .112 | .185 | .618 | 40 | 374 | .219 | .114 | .170 | .590 |
| 40 | 266 | .044 | .118 | .337 | .448 | 40 | 316 | .161 | .109 | .195 | .619 | 40 | 375 | .175 | .108 | .201 | .568 |
| 40 | 267 | .026 | .127 | .401 | .613 | 40 | 317 | .168 | .114 | .214 | .657 | 40 | 376 | .295 | .139 | .103 | .629 |
| 40 | 268 | .074 | .112 | .478 | .319 | 40 | 318 | .163 | .115 | .185 | .633 | 40 | 377 | .309 | .164 | .151 | .655 |
| 40 | 269 | .136 | .112 | .551 | .286 | 40 | 319 | .163 | .118 | .204 | .678 | 40 | 378 | .260 | .117 | .108 | .753 |
| 40 | 270 | .140 | .119 | .626 | .298 | 40 | 320 | .175 | .112 | .168 | .642 | 40 | 379 | .213 | .111 | .196 | .552 |
| 40 | 271 | .123 | .125 | .516 | .298 | 40 | 321 | .164 | .112 | .173 | .484 | 40 | 380 | .182 | .113 | .163 | .594 |
| 40 | 272 | .134 | .119 | .582 | .221 | 40 | 322 | .174 | .108 | .223 | .540 | 40 | 381 | .205 | .105 | .137 | .639 |
| 40 | 273 | .134 | .117 | .533 | .231 | 40 | 323 | .169 | .104 | .235 | .500 | 40 | 382 | .239 | .107 | .144 | .654 |
| 40 | 274 | .095 | .121 | .561 | .296 | 40 | 324 | .173 | .109 | .180 | .597 | 40 | 383 | .299 | .119 | .066 | .644 |
| 40 | 275 | .093 | .123 | .513 | .336 | 40 | 325 | .111 | .111 | .200 | .553 | 40 | 384 | .372 | .111 | .024 | .716 |
| 40 | 276 | .088 | .112 | .399 | .303 | 40 | 326 | .224 | .116 | .129 | .633 | 40 | 901 | .285 | .145 | .192 | .619 |
| 40 | 277 | .019 | .105 | .463 | .336 | 40 | 327 | .261 | .121 | .155 | .703 | 40 | 902 | .199 | .149 | .288 | .752 |
| 40 | 278 | .067 | .105 | .241 | .451 | 40 | 328 | .299 | .120 | .142 | .989 | 40 | 903 | .263 | .123 | .215 | .713 |
| 40 | 279 | .132 | .104 | .434 | .498 | 40 | 329 | .314 | .127 | .076 | .741 | 40 | 904 | .124 | .144 | .374 | .595 |
| 40 | 280 | .005 | .101 | .434 | .280 | 40 | 330 | .361 | .109 | .008 | .741 | 40 | 905 | .205 | .164 | .443 | .872 |
| 40 | 281 | .018 | .103 | .334 | .399 | 40 | 331 | .304 | .096 | .064 | .654 | 40 | 906 | .319 | .132 | .187 | .881 |
| 40 | 282 | .003 | .103 | .353 | .332 | 40 | 332 | .269 | .107 | .175 | .620 | 40 | 907 | .280 | .154 | .170 | .857 |
| 40 | 283 | .048 | .120 | .388 | .382 | 40 | 333 | .245 | .107 | .094 | .597 | 40 | 908 | .284 | .143 | .154 | .884 |
| 40 | 284 | .018 | .108 | .376 | .370 | 40 | 334 | .207 | .102 | .166 | .563 | 40 | 909 | .291 | .145 | .323 | .744 |
| 40 | 285 | .089 | .115 | .488 | .254 | 40 | 335 | .182 | .113 | .191 | .742 | 40 | 910 | .367 | .151 | .100 | .614 |
| 40 | 286 | .114 | .106 | .488 | .247 | 40 | 336 | .181 | .117 | .185 | .684 | 40 | 911 | .317 | .175 | .266 | .679 |
| 40 | 287 | .105 | .111 | .452 | .273 | 40 | 337 | .207 | .105 | .182 | .580 | 40 | 912 | .302 | .157 | .393 | .611 |
| 40 | 288 | .132 | .109 | .514 | .257 | 40 | 338 | .202 | .113 | .201 | .734 | 40 | 913 | .028 | .103 | .304 | .423 |
| 40 | 289 | .133 | .106 | .597 | .188 | 40 | 339 | .200 | .111 | .134 | .577 | 40 | 914 | .023 | .109 | .393 | .482 |
| 40 | 290 | .116 | .103 | .460 | .238 | 40 | 340 | .205 | .101 | .080 | .537 | 40 | 915 | .441 | .184 | .069 | .207 |
| 40 | 291 | .090 | .105 | .464 | .271 | 40 | 341 | .200 | .115 | .175 | .637 | 40 | 916 | .432 | .172 | .139 | .185 |
| 40 | 292 | .076 | .105 | .554 | .293 | 40 | 342 | .156 | .108 | .279 | .575 | 40 | 917 | .024 | .101 | .441 | .289 |
| 40 | 293 | .038 | .105 | .447 | .330 | 40 | 343 | .114 | .114 | .163 | .511 | 40 | 919 | .080 | .146 | .647 | .404 |
| 40 | 294 | .018 | .103 | .400 | .337 | 40 | 344 | .160 | .114 | .225 | .513 | 40 | 920 | .002 | .105 | .384 | .356 |
| 40 | 295 | .005 | .110 | .391 | .345 | 40 | 345 | .175 | .122 | .246 | .710 | 40 | 921 | .543 | .237 | .183 | .964 |
| 40 | 296 | .053 | .118 | .449 | .401 | 40 | 346 | .229 | .125 | .234 | .831 | 40 | 922 | .571 | .241 | .133 | .579 |
| 40 | 297 | .120 | .122 | .268 | .489 | 40 | 347 | .239 | .118 | .132 | .644 | 40 | 923 | .571 | .226 | .109 | .705 |
| 40 | 298 | .206 | .106 | .143 | .562 | 40 | 348 | .228 | .107 | .161 | .625 | 40 | 924 | .598 | .242 | .125 | .522 |
| 40 | 299 | .207 | .110 | .172 | .634 | 40 | 349 | .222 | .113 | .165 | .592 | 40 | 925 | .118 | .117 | .553 | .303 |
| 40 | 401 | .176 | .138 | .389 | .661 | 40 | 350 | .214 | .111 | .213 | .727 | 40 | 926 | .006 | .128 | .382 | .448 |
| 40 | 463 | .124 | .100 | .286 | .464 | 40 | 351 | .192 | .115 | .180 | .716 | 40 | 927 | .209 | .197 | .919 | .507 |
| 40 | 501 | .188 | .120 | .171 | .661 | 40 | 352 | .151 | .101 | .163 | .475 | 40 | 928 | .252 | .212 | .975 | .412 |
| 40 | 502 | .168 | .114 | .247 | .628 | 40 | 353 | .179 | .115 | .237 | .647 | 40 | 929 | .182 | .178 | .807 | .389 |
| 40 | 503 | .168 | .119 | .249 | .541 | 40 | 354 | .160 | .118 | .184 | .720 | 40 | 930 | .137 | .120 | .643 | .196 |
| 40 | 504 | .162 | .116 | .237 | .644 | 40 | 355 | .268 | .116 | .168 | .689 | 40 | 931 | .079 | .112 | .681 | .455 |
| 40 | 505 | .175 | .120 | .246 | .616 | 40 | 356 | .264 | .112 | .096 | .758 | 40 | 932 | .097 | .109 | .485 | .309 |
| 40 | 506 | .152 | .108 | .233 | .687 | 40 | 356 | .254 | .117 | .173 | .706 | 40 | 933 | .031 | .108 | .296 | .365 |
| 40 | 507 | .173 | .111 | .242 | .621 | 40 | 357 | .246 | .116 | .135 | .647 | 40 | 934 | .027 | .115 | .413 | .388 |
| 40 | 508 | .164 | .117 | .249 | .642 | 40 | 358 | .221 | .109 | .156 | .608 | 40 | 935 | .054 | .116 | .446 | .375 |
| 40 | 510 | .175 | .115 | .273 | .647 | 40 | 359 | .174 | .107 | .189 | .525 | 40 | 936 | .010 | .104 | .338 | .349 |
| 40 | 511 | .167 | .115 | .240 | .524 | 40 | 370 | .173 | .109 | .196 | .633 | 40 | 937 | .068 | .103 | .425 | .284 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 40 | 938 | .054 | .096 | .373 | -.265 | 50 | 166 | .213 | .194 | .964 | -.465 | 50 | 217 | -.102 | .107 | .341 | -.455 |
| 40 | 939 | .036 | .103 | .408 | -.308 | 50 | 167 | .216 | .189 | .961 | -.475 | 50 | 218 | -.170 | .094 | .128 | -.487 |
| 40 | 940 | .012 | .108 | .395 | -.368 | 50 | 168 | .214 | .170 | .945 | -.276 | 50 | 219 | -.147 | .099 | .178 | -.527 |
| 40 | 941 | .003 | .094 | .318 | -.313 | 50 | 169 | .159 | .134 | .866 | -.425 | 50 | 220 | -.073 | .099 | .228 | -.368 |
| 40 | 942 | -.008 | .102 | .323 | -.402 | 50 | 170 | .161 | .179 | .978 | -.358 | 50 | 221 | -.045 | .100 | .293 | -.426 |
| 40 | 943 | -.075 | .113 | .323 | -.560 | 50 | 171 | -.062 | .175 | .830 | -.549 | 50 | 222 | -.022 | .096 | .292 | -.292 |
| 40 | 944 | -.086 | .100 | .240 | -.381 | 50 | 172 | -.044 | .253 | 1.058 | -1.082 | 50 | 223 | -.010 | .101 | .354 | -.338 |
| 40 | 945 | -.167 | .108 | .173 | -.523 | 50 | 173 | -.058 | .242 | .791 | -.916 | 50 | 224 | -.046 | .144 | .584 | -.591 |
| 40 | 946 | -.177 | .093 | .205 | -.517 | 50 | 174 | -.190 | .302 | 1.127 | -1.316 | 50 | 225 | -.080 | .151 | .405 | -.657 |
| 40 | 947 | -.167 | .102 | .203 | -.564 | 50 | 175 | -.070 | .272 | .816 | -.677 | 50 | 226 | .020 | .117 | .389 | -.442 |
| 40 | 948 | -.135 | .100 | .176 | -.473 | 50 | 176 | .019 | .147 | .747 | -.712 | 50 | 227 | .045 | .130 | .486 | -.394 |
| 40 | 949 | -.111 | .099 | .292 | -.439 | 50 | 177 | .000 | .123 | .468 | -.368 | 50 | 228 | .131 | .120 | .584 | -.217 |
| 40 | 950 | -.080 | .102 | .259 | -.429 | 50 | 178 | .099 | .116 | .440 | -.489 | 50 | 229 | .182 | .118 | .723 | -.151 |
| 40 | 951 | -.056 | .095 | .268 | -.349 | 50 | 179 | -.166 | .108 | .187 | -.615 | 50 | 230 | .183 | .128 | .704 | -.183 |
| 40 | 952 | -.041 | .095 | .278 | -.385 | 50 | 180 | .041 | .120 | .433 | -.336 | 50 | 231 | .168 | .128 | .624 | -.337 |
| 40 | 953 | -.026 | .102 | .352 | -.386 | 50 | 181 | .052 | .127 | .548 | -.379 | 50 | 232 | .170 | .129 | .560 | -.294 |
| 40 | 954 | -.023 | .104 | .360 | -.361 | 50 | 182 | .104 | .149 | .595 | -.381 | 50 | 233 | .135 | .128 | .648 | -.438 |
| 40 | 955 | -.037 | .108 | .323 | -.496 | 50 | 183 | .140 | .159 | .882 | -.273 | 50 | 234 | .080 | .143 | .523 | -.524 |
| 40 | 956 | -.007 | .097 | .310 | -.377 | 50 | 184 | .147 | .188 | .945 | -.519 | 50 | 235 | .093 | .143 | .543 | -.748 |
| 40 | 957 | -.002 | .100 | .328 | -.305 | 50 | 185 | .105 | .206 | 1.012 | -.607 | 50 | 236 | .075 | .115 | .525 | -.305 |
| 40 | 958 | -.029 | .101 | .343 | -.343 | 50 | 186 | .150 | .178 | .818 | -.423 | 50 | 237 | -.027 | .109 | .445 | -.369 |
| 40 | 959 | -.002 | .105 | .329 | -.349 | 50 | 187 | .185 | .164 | .794 | -.453 | 50 | 238 | -.031 | .105 | .332 | -.439 |
| 40 | 960 | -.038 | .108 | .533 | -.446 | 50 | 188 | .191 | .134 | .837 | -.422 | 50 | 239 | -.080 | .100 | .253 | -.423 |
| 40 | 961 | -.017 | .100 | .367 | -.338 | 50 | 189 | .213 | .125 | .754 | -.169 | 50 | 240 | -.003 | .097 | .343 | -.292 |
| 40 | 962 | -.017 | .100 | .340 | -.346 | 50 | 190 | .220 | .147 | .777 | -.202 | 50 | 241 | -.009 | .103 | .359 | -.380 |
| 50 | 140 | -.101 | .129 | .297 | -.515 | 50 | 191 | .158 | .137 | .700 | -.268 | 50 | 242 | -.014 | .103 | .363 | -.348 |
| 50 | 141 | .049 | .140 | .506 | -.397 | 50 | 192 | .067 | .173 | .661 | -.835 | 50 | 243 | -.004 | .110 | .344 | -.354 |
| 50 | 142 | .171 | .155 | .723 | -.338 | 50 | 193 | .019 | .217 | .794 | -.838 | 50 | 244 | -.069 | .140 | .554 | -.614 |
| 50 | 143 | .264 | .207 | .958 | -.399 | 50 | 194 | -.083 | .232 | .582 | -.888 | 50 | 245 | -.099 | .119 | .347 | -.530 |
| 50 | 144 | .325 | .239 | 1.136 | -.776 | 50 | 195 | -.045 | .220 | .664 | -1.028 | 50 | 246 | -.008 | .112 | .503 | -.420 |
| 50 | 145 | .279 | .248 | 1.102 | -.586 | 50 | 196 | .039 | .140 | .606 | -.709 | 50 | 247 | .005 | .122 | .485 | -.458 |
| 50 | 146 | .335 | .231 | 1.104 | -.462 | 50 | 197 | .003 | .110 | .339 | -.356 | 50 | 248 | .070 | .115 | .597 | -.358 |
| 50 | 147 | .294 | .226 | 1.159 | -.368 | 50 | 198 | -.057 | .101 | .383 | -.414 | 50 | 249 | .127 | .119 | .579 | -.273 |
| 50 | 149 | .331 | .223 | 1.090 | -.347 | 50 | 199 | .071 | .101 | .278 | -.414 | 50 | 250 | .121 | .124 | .623 | -.268 |
| 50 | 150 | .304 | .220 | 1.156 | -.347 | 50 | 200 | -.041 | .113 | .291 | -.416 | 50 | 251 | .124 | .123 | .587 | -.265 |
| 50 | 151 | .319 | .213 | 1.164 | -.339 | 50 | 202 | .038 | .112 | .466 | -.331 | 50 | 252 | .123 | .124 | .632 | -.268 |
| 50 | 152 | .260 | .240 | 1.004 | -.639 | 50 | 203 | .043 | .120 | .542 | -.376 | 50 | 253 | .118 | .119 | .536 | -.398 |
| 50 | 153 | .107 | .271 | 1.066 | -1.050 | 50 | 204 | .012 | .162 | .581 | -.635 | 50 | 254 | .062 | .118 | .610 | -.305 |
| 50 | 154 | .048 | .274 | .972 | -1.117 | 50 | 205 | -.005 | .166 | .592 | -.529 | 50 | 255 | .053 | .122 | .594 | -.458 |
| 50 | 155 | .021 | .258 | .933 | -1.026 | 50 | 206 | .078 | .136 | .728 | -.373 | 50 | 256 | .046 | .109 | .498 | -.351 |
| 50 | 156 | .090 | .164 | .640 | -.458 | 50 | 207 | .116 | .146 | .611 | -.494 | 50 | 257 | -.007 | .110 | .461 | -.367 |
| 50 | 157 | .029 | .136 | .616 | -.383 | 50 | 208 | .160 | .130 | .765 | -.240 | 50 | 258 | -.072 | .103 | .320 | -.535 |
| 50 | 158 | .043 | .112 | .418 | -.402 | 50 | 209 | .210 | .126 | .636 | -.212 | 50 | 259 | .125 | .104 | .212 | -.420 |
| 50 | 159 | .076 | .110 | .306 | -.520 | 50 | 210 | .208 | .132 | .802 | -.180 | 50 | 260 | .005 | .097 | .412 | -.273 |
| 50 | 160 | .053 | .120 | .658 | -.330 | 50 | 211 | .173 | .127 | .697 | -.282 | 50 | 261 | -.014 | .091 | .306 | -.324 |
| 50 | 161 | .084 | .132 | .582 | -.394 | 50 | 212 | .125 | .157 | .692 | -.668 | 50 | 262 | .005 | .099 | .279 | -.406 |
| 50 | 162 | .159 | .157 | .776 | -.278 | 50 | 213 | .093 | .147 | .614 | -.543 | 50 | 263 | .060 | .107 | .432 | -.318 |
| 50 | 163 | .235 | .199 | 1.119 | -.316 | 50 | 214 | .032 | .184 | .659 | -.949 | 50 | 264 | .040 | .095 | .435 | -.249 |
| 50 | 164 | .212 | .210 | .899 | -.822 | 50 | 215 | -.034 | .157 | .451 | -.852 | 50 | 265 | .087 | .103 | .417 | -.244 |
| 50 | 165 | .216 | .243 | 1.090 | -.802 | 50 | 216 | -.049 | .122 | .350 | -.638 | 50 | 266 | .096 | .107 | .411 | -.263 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 50 | 287 | .106 | .108 | .475 | -.253 | 50 | 537 | -.190 | .110 | .159 | -.831 | 50 | 912 | -.362 | .170 | .257 | -1.051 |
| 50 | 288 | .113 | .114 | .472 | -.305 | 50 | 538 | -.168 | .113 | .204 | -.609 | 50 | 913 | -.025 | .099 | .276 | -.410 |
| 50 | 289 | .117 | .104 | .433 | -.257 | 50 | 539 | -.191 | .108 | .184 | -.532 | 50 | 914 | -.019 | .093 | .330 | -.368 |
| 50 | 290 | .108 | .103 | .517 | -.274 | 50 | 540 | -.181 | .111 | .159 | -.531 | 50 | 915 | -.454 | .196 | .124 | -1.277 |
| 50 | 291 | .084 | .098 | .417 | -.228 | 50 | 541 | -.174 | .100 | .188 | -.473 | 50 | 916 | -.421 | .164 | .064 | -1.183 |
| 50 | 292 | .048 | .103 | .406 | -.286 | 50 | 542 | -.159 | .101 | .160 | -.531 | 50 | 917 | -.013 | .101 | .411 | -.345 |
| 50 | 293 | .015 | .103 | .409 | -.299 | 50 | 543 | -.158 | .111 | .242 | -.784 | 50 | 919 | .052 | .150 | .599 | -.418 |
| 50 | 294 | .015 | .105 | .358 | -.353 | 50 | 544 | -.164 | .125 | .194 | -.751 | 50 | 920 | -.000 | .105 | .599 | -.418 |
| 50 | 295 | .053 | .111 | .316 | -.419 | 50 | 545 | -.175 | .116 | .175 | -.809 | 50 | 921 | -.334 | .277 | .224 | -1.189 |
| 50 | 296 | .091 | .115 | .386 | -.442 | 50 | 546 | -.191 | .108 | .229 | -.534 | 50 | 922 | -.384 | .263 | .178 | -1.130 |
| 50 | 297 | .162 | .093 | .186 | -.534 | 50 | 547 | -.197 | .104 | .199 | -.638 | 50 | 923 | -.310 | .209 | .181 | -1.333 |
| 50 | 298 | .212 | .102 | .152 | -.569 | 50 | 548 | -.204 | .100 | .154 | -.598 | 50 | 924 | .500 | .232 | .207 | -1.332 |
| 50 | 299 | .192 | .102 | .127 | -.538 | 50 | 549 | -.193 | .101 | .119 | -.548 | 50 | 925 | .099 | .111 | .489 | -.224 |
| 50 | 401 | .113 | .166 | .691 | -.673 | 50 | 550 | -.187 | .103 | .170 | -.563 | 50 | 926 | .016 | .115 | .316 | -.394 |
| 50 | 463 | .139 | .104 | .226 | -.592 | 50 | 551 | -.164 | .110 | .265 | -.515 | 50 | 927 | .128 | .199 | .755 | -.577 |
| 50 | 501 | .159 | .112 | .231 | -.833 | 50 | 552 | -.172 | .118 | .263 | -1.165 | 50 | 928 | .219 | .213 | .888 | -.488 |
| 50 | 502 | .158 | .104 | .178 | -.521 | 50 | 553 | -.160 | .122 | .207 | -.738 | 50 | 929 | .174 | .194 | .823 | -.465 |
| 50 | 503 | .151 | .107 | .194 | -.493 | 50 | 554 | -.180 | .121 | .176 | -.910 | 50 | 930 | .077 | .128 | .548 | -.443 |
| 50 | 504 | .155 | .109 | .202 | -.646 | 50 | 555 | -.238 | .117 | .229 | -.623 | 50 | 931 | .098 | .106 | .432 | -.265 |
| 50 | 505 | .154 | .114 | .215 | -.586 | 50 | 556 | -.229 | .107 | .090 | -.619 | 50 | 932 | .066 | .111 | .450 | -.340 |
| 50 | 506 | .168 | .110 | .203 | -.511 | 50 | 556 | -.224 | .118 | .141 | -.670 | 50 | 933 | .031 | .103 | .284 | -.375 |
| 50 | 507 | .162 | .113 | .213 | -.572 | 50 | 557 | -.213 | .106 | .149 | -.584 | 50 | 934 | .041 | .103 | .432 | -.284 |
| 50 | 508 | .165 | .116 | .182 | -.649 | 50 | 558 | -.184 | .106 | .128 | -.584 | 50 | 935 | .036 | .102 | .367 | -.265 |
| 50 | 510 | .169 | .115 | .157 | -.619 | 50 | 559 | -.168 | .107 | .313 | -.534 | 50 | 936 | .021 | .094 | .292 | -.395 |
| 50 | 511 | .151 | .122 | .282 | -.583 | 50 | 570 | -.167 | .109 | .159 | -.579 | 50 | 937 | .059 | .105 | .465 | -.270 |
| 50 | 512 | .158 | .104 | .226 | -.517 | 50 | 571 | -.168 | .117 | .215 | -.640 | 50 | 938 | .040 | .100 | .458 | -.384 |
| 50 | 513 | .158 | .103 | .144 | -.524 | 50 | 572 | -.170 | .111 | .170 | -.662 | 50 | 939 | .009 | .105 | .351 | -.354 |
| 50 | 514 | .160 | .108 | .287 | -.509 | 50 | 573 | -.180 | .103 | .143 | -.539 | 50 | 940 | .005 | .104 | .332 | -.354 |
| 50 | 515 | .160 | .106 | .199 | -.549 | 50 | 574 | -.196 | .109 | .123 | -.576 | 50 | 941 | .002 | .102 | .356 | -.399 |
| 50 | 516 | .157 | .111 | .208 | -.532 | 50 | 575 | -.144 | .103 | .207 | -.510 | 50 | 942 | .023 | .101 | .303 | -.368 |
| 50 | 517 | .159 | .108 | .173 | -.498 | 50 | 576 | -.283 | .133 | .122 | -.786 | 50 | 943 | .071 | .111 | .297 | -.492 |
| 50 | 518 | .152 | .107 | .210 | -.615 | 50 | 577 | -.308 | .134 | .184 | -.837 | 50 | 944 | .069 | .105 | .329 | -.448 |
| 50 | 519 | .172 | .112 | .195 | -.564 | 50 | 578 | -.227 | .117 | .175 | -.630 | 50 | 945 | .144 | .095 | .116 | -.475 |
| 50 | 520 | .155 | .110 | .219 | -.516 | 50 | 579 | -.193 | .112 | .143 | -.576 | 50 | 946 | .179 | .099 | .122 | -.526 |
| 50 | 521 | .147 | .103 | .232 | -.506 | 50 | 580 | -.164 | .105 | .141 | -.648 | 50 | 947 | .169 | .102 | .168 | -.574 |
| 50 | 522 | .162 | .103 | .234 | -.508 | 50 | 581 | -.178 | .104 | .152 | -.506 | 50 | 948 | .147 | .100 | .162 | -.469 |
| 50 | 523 | .167 | .108 | .233 | -.484 | 50 | 582 | -.206 | .101 | .117 | -.523 | 50 | 949 | .128 | .102 | .262 | -.473 |
| 50 | 524 | .175 | .107 | .145 | -.509 | 50 | 584 | -.324 | .109 | .006 | -.817 | 50 | 950 | .090 | .097 | .267 | -.437 |
| 50 | 525 | .189 | .108 | .158 | -.648 | 50 | 585 | -.345 | .130 | .099 | -.884 | 50 | 951 | .070 | .104 | .373 | -.400 |
| 50 | 526 | .204 | .120 | .149 | -.696 | 50 | 901 | -.356 | .157 | .105 | -.990 | 50 | 952 | .059 | .103 | .252 | -.380 |
| 50 | 527 | .239 | .120 | .154 | -.751 | 50 | 902 | -.206 | .161 | .369 | -.724 | 50 | 953 | .050 | .090 | .247 | -.394 |
| 50 | 528 | .292 | .114 | .078 | -.863 | 50 | 903 | -.243 | .124 | .210 | -.751 | 50 | 954 | .054 | .106 | .334 | -.369 |
| 50 | 529 | .333 | .104 | .031 | -.697 | 50 | 904 | -.196 | .137 | .307 | -.662 | 50 | 955 | .029 | .099 | .297 | -.389 |
| 50 | 530 | .325 | .113 | .086 | -.775 | 50 | 905 | -.099 | .172 | .499 | -.659 | 50 | 956 | .006 | .103 | .349 | -.313 |
| 50 | 531 | .321 | .100 | .034 | -.670 | 50 | 906 | -.318 | .141 | .197 | -.929 | 50 | 957 | .006 | .105 | .394 | -.388 |
| 50 | 532 | .286 | .100 | .030 | -.603 | 50 | 907 | -.243 | .128 | .211 | -.794 | 50 | 958 | .032 | .109 | .356 | -.439 |
| 50 | 533 | .246 | .100 | .119 | -.560 | 50 | 908 | -.279 | .147 | .240 | -.821 | 50 | 959 | .025 | .100 | .312 | -.365 |
| 50 | 534 | .217 | .116 | .207 | -.635 | 50 | 909 | -.259 | .135 | .154 | -.810 | 50 | 960 | .012 | .095 | .332 | -.293 |
| 50 | 535 | .193 | .114 | .165 | -.622 | 50 | 910 | -.361 | .150 | .103 | -.997 | 50 | 961 | .001 | .107 | .342 | -.366 |
| 50 | 536 | .190 | .125 | .203 | -.857 | 50 | 911 | -.345 | .204 | .289 | -1.248 | 50 | 962 | .033 | .097 | .259 | -.460 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|-------|
| 60 | 140 | .051 | .131 | .523 | -.434 | 60 | 191 | .156 | .150 | .707 | -.339 | 60 | 262 | -.021 | .109 | .417 | -.395 |
| 60 | 141 | .134 | .163 | .761 | -.371 | 60 | 192 | -.055 | .200 | .640 | -.827 | 60 | 263 | -.003 | .102 | .382 | -.321 |
| 60 | 142 | .322 | .177 | .938 | -.227 | 60 | 193 | -.180 | .236 | .555 | -.910 | 60 | 264 | -.039 | .123 | .390 | -.607 |
| 60 | 143 | .436 | .203 | 1.118 | -.298 | 60 | 194 | -.328 | .252 | .409 | -1.572 | 60 | 265 | -.059 | .128 | .323 | -.599 |
| 60 | 144 | .470 | .238 | 1.234 | -.268 | 60 | 195 | -.352 | .297 | .557 | -1.810 | 60 | 266 | -.017 | .115 | .394 | -.399 |
| 60 | 145 | .435 | .221 | 1.170 | -.330 | 60 | 196 | -.065 | .170 | .473 | -.951 | 60 | 267 | .024 | .119 | .379 | -.540 |
| 60 | 146 | .415 | .229 | 1.213 | -.319 | 60 | 197 | -.063 | .119 | .320 | -.635 | 60 | 268 | .068 | .111 | .453 | -.248 |
| 60 | 147 | .257 | .208 | 1.091 | -.427 | 60 | 198 | -.086 | .115 | .268 | -.459 | 60 | 269 | .114 | .107 | .666 | -.284 |
| 60 | 149 | .275 | .239 | 1.176 | -.617 | 60 | 199 | -.085 | .112 | .365 | -.499 | 60 | 270 | .118 | .114 | .609 | -.273 |
| 60 | 150 | .345 | .223 | 1.183 | -.210 | 60 | 200 | .009 | .116 | .445 | -.390 | 60 | 271 | .074 | .119 | .523 | -.295 |
| 60 | 151 | .306 | .202 | 1.017 | -.369 | 60 | 202 | .078 | .131 | .500 | -.481 | 60 | 272 | .071 | .131 | .617 | -.497 |
| 60 | 152 | .102 | .220 | .996 | -.871 | 60 | 203 | .132 | .159 | .821 | -.300 | 60 | 273 | -.069 | .134 | .466 | -.432 |
| 60 | 153 | -.188 | .279 | .806 | -.225 | 60 | 204 | .156 | .185 | .926 | -.433 | 60 | 274 | -.020 | .154 | .453 | -.662 |
| 60 | 154 | .369 | .309 | .672 | -.596 | 60 | 205 | .146 | .189 | .863 | -.634 | 60 | 275 | .022 | .130 | .440 | -.654 |
| 60 | 155 | .319 | .305 | .655 | -.613 | 60 | 206 | .187 | .158 | .811 | -.336 | 60 | 276 | .014 | .118 | .396 | -.394 |
| 60 | 156 | .046 | .153 | .484 | -.549 | 60 | 207 | .223 | .169 | .837 | -.334 | 60 | 277 | -.018 | .104 | .323 | -.422 |
| 60 | 157 | .065 | .122 | .413 | -.540 | 60 | 208 | .241 | .145 | .847 | -.266 | 60 | 278 | -.069 | .106 | .316 | -.434 |
| 60 | 158 | .099 | .120 | .349 | -.434 | 60 | 209 | .248 | .151 | .821 | -.202 | 60 | 279 | .121 | .113 | .259 | -.586 |
| 60 | 159 | .096 | .115 | .294 | -.498 | 60 | 210 | .253 | .132 | .952 | -.139 | 60 | 280 | -.011 | .093 | .292 | -.288 |
| 60 | 160 | .110 | .129 | .561 | -.405 | 60 | 211 | .203 | .139 | .651 | -.237 | 60 | 281 | -.028 | .100 | .303 | -.352 |
| 60 | 161 | .189 | .146 | .706 | -.289 | 60 | 212 | .074 | .218 | .785 | -1.206 | 60 | 282 | .010 | .112 | .426 | -.402 |
| 60 | 162 | .288 | .182 | .928 | -.368 | 60 | 213 | .009 | .178 | .521 | -.778 | 60 | 283 | .067 | .117 | .530 | -.304 |
| 60 | 163 | .387 | .196 | 1.112 | -.145 | 60 | 214 | .179 | .261 | .569 | -1.494 | 60 | 284 | .060 | .107 | .409 | -.307 |
| 60 | 164 | .439 | .214 | 1.162 | -.482 | 60 | 215 | .190 | .238 | .407 | -1.330 | 60 | 285 | .103 | .104 | .463 | -.221 |
| 60 | 165 | .447 | .218 | 1.294 | -.459 | 60 | 216 | .122 | .140 | .329 | -1.187 | 60 | 286 | .104 | .104 | .535 | -.221 |
| 60 | 166 | .362 | .214 | 1.160 | -.337 | 60 | 217 | .168 | .114 | .224 | -.762 | 60 | 287 | .098 | .116 | .486 | -.389 |
| 60 | 167 | .329 | .193 | 1.068 | -.287 | 60 | 218 | .197 | .103 | .134 | -.739 | 60 | 288 | .117 | .106 | .519 | -.223 |
| 60 | 168 | .245 | .176 | .991 | -.355 | 60 | 219 | .160 | .096 | .210 | -.550 | 60 | 289 | .116 | .109 | .444 | -.307 |
| 60 | 169 | .236 | .188 | .902 | -.324 | 60 | 220 | .081 | .106 | .299 | -.437 | 60 | 290 | .108 | .103 | .476 | -.223 |
| 60 | 170 | .246 | .185 | .907 | -.528 | 60 | 221 | -.053 | .099 | .329 | -.373 | 60 | 291 | .077 | .108 | .518 | -.342 |
| 60 | 171 | .031 | .152 | .582 | -.546 | 60 | 222 | .019 | .106 | .391 | -.370 | 60 | 292 | .052 | .102 | .404 | -.294 |
| 60 | 172 | .294 | .235 | .513 | -.226 | 60 | 223 | .020 | .106 | .406 | -.340 | 60 | 293 | .017 | .110 | .388 | -.360 |
| 60 | 173 | .353 | .235 | .546 | -.086 | 60 | 224 | -.008 | .142 | .491 | -.461 | 60 | 294 | -.027 | .111 | .423 | -.382 |
| 60 | 174 | .439 | .253 | .352 | -.111 | 60 | 225 | .016 | .155 | .542 | -.662 | 60 | 295 | .077 | .121 | .390 | -.544 |
| 60 | 175 | .397 | .282 | .442 | -.478 | 60 | 226 | .049 | .131 | .787 | -.462 | 60 | 296 | .120 | .116 | .304 | -.534 |
| 60 | 176 | .114 | .173 | .507 | -.226 | 60 | 227 | .083 | .132 | .652 | -.407 | 60 | 297 | -.185 | .108 | .159 | -.565 |
| 60 | 177 | .071 | .123 | .394 | -.568 | 60 | 228 | .150 | .126 | .634 | -.227 | 60 | 298 | -.232 | .103 | .092 | -.610 |
| 60 | 178 | .135 | .109 | .220 | -.329 | 60 | 229 | .180 | .125 | .709 | -.194 | 60 | 299 | -.191 | .102 | .174 | -.534 |
| 60 | 179 | .164 | .118 | .193 | -.573 | 60 | 230 | .184 | .130 | .692 | -.246 | 60 | 401 | -.052 | .109 | .818 | -.702 |
| 60 | 180 | .096 | .128 | .560 | -.349 | 60 | 231 | .162 | .141 | .660 | -.268 | 60 | 463 | -.129 | .115 | .273 | -.507 |
| 60 | 181 | .120 | .131 | .736 | -.307 | 60 | 232 | .107 | .167 | .695 | -.651 | 60 | 501 | -.160 | .115 | .228 | -.505 |
| 60 | 182 | .180 | .162 | .804 | -.334 | 60 | 233 | .084 | .150 | .566 | -.464 | 60 | 502 | -.165 | .110 | .190 | -.558 |
| 60 | 183 | .262 | .184 | .928 | -.237 | 60 | 234 | .014 | .188 | .674 | -.810 | 60 | 503 | -.170 | .112 | .273 | -.585 |
| 60 | 184 | .290 | .213 | .982 | -.272 | 60 | 235 | -.001 | .184 | .587 | -.809 | 60 | 504 | -.171 | .115 | .236 | -.621 |
| 60 | 185 | .292 | .207 | 1.055 | -.357 | 60 | 236 | .053 | .120 | .522 | -.365 | 60 | 505 | -.163 | .116 | .343 | -.654 |
| 60 | 186 | .329 | .208 | 1.073 | -.194 | 60 | 237 | .003 | .118 | .421 | -.389 | 60 | 506 | -.178 | .109 | .142 | -.560 |
| 60 | 187 | .287 | .183 | 1.008 | -.242 | 60 | 238 | -.045 | .109 | .277 | -.621 | 60 | 507 | -.187 | .119 | .249 | -.608 |
| 60 | 188 | .275 | .175 | 1.043 | -.212 | 60 | 239 | -.077 | .104 | .255 | -.434 | 60 | 508 | -.179 | .123 | .241 | -.661 |
| 60 | 189 | .314 | .163 | 1.027 | -.246 | 60 | 260 | -.016 | .103 | .375 | -.405 | 60 | 510 | -.173 | .112 | .175 | -.545 |
| 60 | 190 | .323 | .166 | .939 | -.136 | 60 | 261 | -.028 | .107 | .320 | -.403 | 60 | 511 | -.162 | .117 | .249 | -.601 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 60 | 512 | -161 | 107 | 183 | -507 | 60 | 571 | -216 | 132 | 196 | -833 | 60 | 938 | 030 | 117 | 398 | -349 |
| 60 | 513 | -164 | 107 | 207 | -497 | 60 | 572 | -222 | 139 | 155 | -1405 | 60 | 939 | 001 | 108 | 330 | -476 |
| 60 | 514 | -160 | 109 | 190 | -536 | 60 | 573 | -167 | 099 | 169 | -511 | 60 | 940 | 006 | 120 | 403 | -411 |
| 60 | 515 | -168 | 110 | 191 | -544 | 60 | 574 | -191 | 114 | 172 | -648 | 60 | 941 | 007 | 108 | 367 | -418 |
| 60 | 516 | -173 | 103 | 193 | -536 | 60 | 575 | -155 | 115 | 230 | -545 | 60 | 942 | 045 | 110 | 311 | -380 |
| 60 | 517 | -166 | 110 | 214 | -616 | 60 | 576 | -320 | 158 | 195 | -624 | 60 | 943 | 100 | 123 | 363 | -494 |
| 60 | 518 | -165 | 109 | 212 | -542 | 60 | 577 | -298 | 143 | 056 | -919 | 60 | 944 | -103 | 108 | 255 | -428 |
| 60 | 519 | -173 | 112 | 241 | -526 | 60 | 578 | -206 | 117 | 140 | -586 | 60 | 945 | -162 | 107 | 187 | -510 |
| 60 | 520 | -165 | 109 | 230 | -509 | 60 | 579 | -164 | 104 | 144 | -510 | 60 | 946 | -219 | 104 | 127 | -511 |
| 60 | 521 | -173 | 113 | 215 | -547 | 60 | 580 | -136 | 104 | 290 | -537 | 60 | 947 | -183 | 097 | 127 | -480 |
| 60 | 522 | -166 | 107 | 198 | -478 | 60 | 581 | -177 | 107 | 195 | -651 | 60 | 948 | -168 | 105 | 194 | -524 |
| 60 | 523 | -178 | 110 | 151 | -563 | 60 | 582 | -199 | 105 | 180 | -538 | 60 | 949 | -127 | 104 | 181 | -411 |
| 60 | 524 | -178 | 104 | 118 | -553 | 60 | 584 | -369 | 130 | 016 | -893 | 60 | 950 | 074 | 102 | 220 | -429 |
| 60 | 525 | -185 | 113 | 211 | -541 | 60 | 585 | -473 | 136 | 000 | -1662 | 60 | 951 | 084 | 102 | 247 | -487 |
| 60 | 526 | -214 | 117 | 172 | -667 | 60 | 901 | -432 | 166 | 174 | -136 | 60 | 952 | 069 | 105 | 276 | -422 |
| 60 | 527 | -246 | 122 | 131 | -716 | 60 | 902 | -331 | 143 | 469 | -921 | 60 | 953 | 055 | 106 | 257 | -434 |
| 60 | 528 | -314 | 111 | 041 | -723 | 60 | 903 | -251 | 128 | 192 | -810 | 60 | 954 | -065 | 103 | 278 | -398 |
| 60 | 529 | -350 | 111 | 001 | -708 | 60 | 904 | -234 | 128 | 156 | -688 | 60 | 955 | 024 | 111 | 313 | -292 |
| 60 | 530 | -378 | 105 | 004 | -691 | 60 | 905 | -102 | 165 | 599 | -662 | 60 | 956 | 019 | 105 | 339 | -374 |
| 60 | 531 | -338 | 109 | 006 | -911 | 60 | 906 | -315 | 147 | 159 | -1026 | 60 | 957 | 004 | 100 | 360 | -382 |
| 60 | 532 | -301 | 097 | 027 | -653 | 60 | 907 | -261 | 146 | 240 | -749 | 60 | 958 | 029 | 107 | 379 | -361 |
| 60 | 533 | -264 | 108 | 066 | -705 | 60 | 908 | -307 | 147 | 154 | -935 | 60 | 959 | 040 | 104 | 292 | -396 |
| 60 | 534 | -235 | 109 | 094 | -698 | 60 | 909 | -232 | 150 | 241 | -907 | 60 | 960 | 011 | 107 | 321 | -475 |
| 60 | 535 | -206 | 122 | 242 | -871 | 60 | 910 | -372 | 170 | 142 | -958 | 60 | 961 | 015 | 106 | 352 | -369 |
| 60 | 536 | -191 | 119 | 250 | -659 | 60 | 911 | -328 | 156 | 212 | -950 | 60 | 962 | 059 | 099 | 231 | -507 |
| 60 | 537 | -181 | 110 | 169 | -596 | 60 | 912 | -374 | 163 | 250 | -1021 | 70 | 140 | 029 | 146 | 537 | -410 |
| 60 | 538 | -190 | 108 | 180 | -572 | 60 | 913 | -027 | 110 | 451 | -350 | 70 | 141 | 187 | 158 | 941 | -151 |
| 60 | 539 | -178 | 107 | 174 | -562 | 60 | 914 | -021 | 117 | 431 | -390 | 70 | 142 | 332 | 179 | 944 | -127 |
| 60 | 540 | -187 | 102 | 161 | -489 | 60 | 915 | -446 | 188 | 114 | -1196 | 70 | 143 | 483 | 187 | 1122 | -226 |
| 60 | 541 | -179 | 099 | 179 | -525 | 60 | 916 | -455 | 163 | 075 | -1038 | 70 | 144 | 477 | 199 | 1168 | -236 |
| 60 | 542 | -177 | 113 | 174 | -536 | 60 | 917 | 008 | 105 | 380 | -380 | 70 | 145 | 530 | 210 | 1096 | -612 |
| 60 | 543 | -179 | 118 | 269 | -688 | 60 | 919 | 062 | 159 | 588 | -701 | 70 | 146 | 386 | 206 | 1243 | -244 |
| 60 | 544 | -178 | 136 | 258 | -720 | 60 | 920 | 025 | 104 | 424 | -322 | 70 | 147 | 266 | 171 | 924 | -770 |
| 60 | 545 | -202 | 140 | 230 | -922 | 60 | 921 | -392 | 213 | 156 | -1586 | 70 | 149 | 232 | 216 | 1220 | -420 |
| 60 | 546 | -215 | 110 | 206 | -658 | 60 | 922 | -406 | 215 | 264 | -1351 | 70 | 150 | 318 | 193 | 1025 | -238 |
| 60 | 547 | -207 | 116 | 129 | -624 | 60 | 923 | -448 | 195 | 134 | -1314 | 70 | 151 | 307 | 171 | 939 | -612 |
| 60 | 548 | -201 | 107 | 139 | -565 | 60 | 924 | -427 | 201 | 093 | -1296 | 70 | 152 | 014 | 187 | 800 | -264 |
| 60 | 549 | -200 | 109 | 289 | -556 | 60 | 925 | 076 | 112 | 515 | -301 | 70 | 153 | 389 | 226 | 576 | -571 |
| 60 | 550 | -196 | 118 | 183 | -561 | 60 | 926 | 052 | 133 | 512 | -469 | 70 | 154 | 592 | 281 | 267 | -635 |
| 60 | 551 | -198 | 119 | 183 | -717 | 60 | 927 | 038 | 186 | 687 | -583 | 70 | 155 | 555 | 279 | 290 | -610 |
| 60 | 552 | -212 | 115 | 120 | -723 | 60 | 928 | 136 | 224 | 897 | -609 | 70 | 156 | 130 | 122 | 262 | -502 |
| 60 | 553 | -203 | 127 | 160 | -929 | 60 | 929 | 139 | 197 | 802 | -783 | 70 | 157 | 117 | 106 | 349 | -459 |
| 60 | 554 | -206 | 129 | 182 | -1005 | 60 | 930 | 103 | 122 | 624 | -237 | 70 | 158 | 115 | 156 | 225 | -470 |
| 60 | 556 | -217 | 123 | 199 | -685 | 60 | 931 | 099 | 112 | 438 | -368 | 70 | 159 | 097 | 108 | 262 | -345 |
| 60 | 555 | -208 | 120 | 217 | -688 | 60 | 932 | 087 | 122 | 444 | -294 | 70 | 160 | 125 | 122 | 538 | -252 |
| 60 | 556 | -216 | 126 | 161 | -830 | 60 | 933 | 030 | 107 | 330 | -362 | 70 | 161 | 189 | 147 | 863 | -250 |
| 60 | 557 | -193 | 108 | 155 | -522 | 60 | 934 | 038 | 114 | 442 | -311 | 70 | 162 | 355 | 177 | 980 | -076 |
| 60 | 558 | -186 | 109 | 185 | -554 | 60 | 935 | 025 | 107 | 396 | -420 | 70 | 163 | 452 | 198 | 1125 | -145 |
| 60 | 559 | -144 | 120 | 144 | -761 | 60 | 936 | 042 | 106 | 263 | -367 | 70 | 164 | 516 | 200 | 1182 | -278 |
| 60 | 570 | -240 | 146 | 117 | -1198 | 60 | 937 | 065 | 111 | 385 | -382 | 70 | 165 | 493 | 193 | 1083 | -278 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 70 | 166 | .445 | .199 | 1.109 | -.221 | 70 | 217 | -.170 | .105 | .205 | -.788 | 70 | 287 | .124 | .115 | .580 | -.252 |
| 70 | 167 | .387 | .186 | 1.069 | -.160 | 70 | 218 | -.198 | .105 | .161 | -.582 | 70 | 288 | .125 | .108 | .520 | -.236 |
| 70 | 168 | .300 | .181 | .924 | -.244 | 70 | 219 | -.162 | .105 | .274 | -.525 | 70 | 289 | .131 | .117 | .588 | -.229 |
| 70 | 169 | .289 | .185 | .909 | -.287 | 70 | 220 | -.087 | .106 | .301 | -.479 | 70 | 290 | .125 | .115 | .485 | -.371 |
| 70 | 170 | .328 | .187 | 1.185 | -.287 | 70 | 221 | -.055 | .111 | .248 | -.431 | 70 | 291 | .098 | .117 | .442 | -.330 |
| 70 | 171 | -.028 | .154 | .610 | -.668 | 70 | 222 | -.008 | .114 | .349 | -.434 | 70 | 292 | .048 | .119 | .409 | -.359 |
| 70 | 172 | -.386 | .214 | .325 | -1.172 | 70 | 223 | .054 | .126 | .641 | -.437 | 70 | 293 | .011 | .109 | .409 | -.380 |
| 70 | 173 | .483 | .219 | .297 | -1.263 | 70 | 224 | .049 | .148 | .529 | -.461 | 70 | 294 | -.017 | .118 | .456 | -.436 |
| 70 | 174 | -.673 | .237 | .075 | -1.640 | 70 | 225 | .044 | .148 | .848 | -.435 | 70 | 295 | -.068 | .122 | .408 | -.475 |
| 70 | 175 | -.577 | .247 | .081 | -1.636 | 70 | 226 | .109 | .142 | .738 | -.302 | 70 | 296 | -.125 | .117 | .303 | -.536 |
| 70 | 176 | -.213 | .197 | .271 | -1.071 | 70 | 227 | .123 | .149 | .681 | -.423 | 70 | 297 | -.190 | .104 | .197 | -.547 |
| 70 | 177 | -.124 | .121 | .223 | -.686 | 70 | 228 | .145 | .144 | .660 | -.431 | 70 | 298 | -.218 | .099 | .127 | -.552 |
| 70 | 178 | -.128 | .111 | .303 | -.635 | 70 | 229 | .181 | .140 | .744 | -.267 | 70 | 299 | -.187 | .104 | .148 | -.566 |
| 70 | 179 | -.157 | .107 | .209 | -.635 | 70 | 230 | .197 | .126 | .765 | -.193 | 70 | 401 | .004 | .226 | .867 | -1.000 |
| 70 | 180 | -.119 | .124 | .655 | -.429 | 70 | 231 | .127 | .147 | .747 | -.437 | 70 | 463 | -.097 | .107 | .203 | -.457 |
| 70 | 181 | .140 | .143 | .629 | -.301 | 70 | 232 | .071 | .188 | .649 | -.743 | 70 | 501 | -.160 | .114 | .206 | -.560 |
| 70 | 182 | .272 | .153 | .790 | -.251 | 70 | 233 | .004 | .184 | .558 | -.782 | 70 | 502 | -.164 | .119 | .243 | -.570 |
| 70 | 183 | .350 | .185 | .971 | -.210 | 70 | 234 | -.099 | .223 | .484 | -1.148 | 70 | 503 | -.158 | .113 | .233 | -.597 |
| 70 | 184 | .426 | .200 | 1.086 | -.079 | 70 | 235 | .051 | .215 | .553 | -1.217 | 70 | 504 | -.168 | .120 | .247 | -.598 |
| 70 | 185 | .379 | .191 | 1.016 | -.375 | 70 | 236 | .012 | .126 | .499 | -.558 | 70 | 505 | -.163 | .123 | .265 | -.640 |
| 70 | 186 | .391 | .197 | 1.040 | -.267 | 70 | 237 | .013 | .111 | .363 | -.429 | 70 | 506 | -.179 | .128 | .287 | -.728 |
| 70 | 187 | .382 | .182 | 1.200 | -.224 | 70 | 238 | .059 | .115 | .293 | -.469 | 70 | 507 | -.184 | .138 | .501 | -.680 |
| 70 | 188 | .355 | .173 | 1.026 | -.144 | 70 | 239 | .073 | .111 | .232 | -.488 | 70 | 508 | -.185 | .140 | .263 | -.865 |
| 70 | 189 | .363 | .175 | .972 | -.150 | 70 | 260 | -.028 | .112 | .395 | -.391 | 70 | 510 | -.157 | .113 | .292 | -.512 |
| 70 | 190 | .413 | .182 | 1.241 | -.034 | 70 | 261 | -.041 | .118 | .346 | -.498 | 70 | 511 | -.156 | .115 | .196 | -.584 |
| 70 | 191 | .177 | .149 | .755 | -.310 | 70 | 262 | .007 | .104 | .304 | -.354 | 70 | 512 | -.160 | .117 | .204 | -.578 |
| 70 | 192 | -.161 | .202 | .458 | -.971 | 70 | 263 | .012 | .105 | .459 | -.306 | 70 | 513 | -.157 | .120 | .271 | -.676 |
| 70 | 193 | .267 | .222 | .414 | -1.153 | 70 | 264 | .001 | .119 | .440 | -.585 | 70 | 514 | -.160 | .118 | .315 | -.526 |
| 70 | 194 | .491 | .241 | .233 | -1.323 | 70 | 265 | -.023 | .129 | .475 | -.546 | 70 | 515 | -.166 | .115 | .188 | -.650 |
| 70 | 195 | .504 | .286 | .268 | -1.870 | 70 | 266 | .024 | .123 | .473 | -.420 | 70 | 516 | -.165 | .113 | .332 | -.512 |
| 70 | 196 | .181 | .213 | .350 | -1.418 | 70 | 267 | .042 | .121 | .500 | -.372 | 70 | 517 | -.168 | .122 | .228 | -.631 |
| 70 | 197 | -.073 | .127 | .313 | -.734 | 70 | 268 | .067 | .117 | .526 | -.402 | 70 | 518 | -.165 | .121 | .212 | -.841 |
| 70 | 198 | .080 | .108 | .273 | -.455 | 70 | 269 | .099 | .118 | .555 | -.232 | 70 | 519 | -.155 | .115 | .207 | -.600 |
| 70 | 199 | .078 | .105 | .308 | -.638 | 70 | 270 | .092 | .119 | .527 | -.284 | 70 | 520 | -.151 | .118 | .271 | -.647 |
| 70 | 200 | .004 | .119 | .425 | -.389 | 70 | 271 | .069 | .125 | .524 | -.391 | 70 | 521 | -.148 | .112 | .214 | -.576 |
| 70 | 202 | .131 | .145 | .663 | -.287 | 70 | 272 | .021 | .155 | .575 | -.732 | 70 | 522 | -.142 | .113 | .241 | -.534 |
| 70 | 203 | .178 | .151 | .766 | -.322 | 70 | 273 | .004 | .140 | .422 | -.526 | 70 | 523 | -.164 | .106 | .231 | -.530 |
| 70 | 204 | .243 | .173 | .847 | -.276 | 70 | 274 | .065 | .168 | .425 | -1.032 | 70 | 524 | -.190 | .112 | .162 | -.590 |
| 70 | 205 | .207 | .186 | .832 | -.390 | 70 | 275 | .037 | .157 | .409 | -.821 | 70 | 525 | -.191 | .121 | .193 | -.948 |
| 70 | 206 | .275 | .191 | .991 | -.350 | 70 | 276 | -.008 | .113 | .462 | -.565 | 70 | 526 | -.219 | .125 | .178 | -.769 |
| 70 | 207 | .240 | .162 | .872 | -.251 | 70 | 277 | -.030 | .112 | .374 | -.415 | 70 | 527 | -.260 | .125 | .140 | -.757 |
| 70 | 208 | .239 | .150 | .917 | -.181 | 70 | 278 | .060 | .109 | .309 | -.517 | 70 | 528 | -.298 | .109 | .050 | -.676 |
| 70 | 209 | .289 | .176 | .988 | -.174 | 70 | 279 | -.099 | .102 | .217 | -.458 | 70 | 529 | -.346 | .105 | .019 | -.717 |
| 70 | 210 | .306 | .160 | .979 | -.128 | 70 | 280 | -.003 | .105 | .340 | -.338 | 70 | 530 | -.369 | .105 | .000 | -.735 |
| 70 | 211 | .197 | .151 | .866 | -.327 | 70 | 281 | -.023 | .098 | .289 | -.377 | 70 | 531 | -.325 | .109 | .025 | -.745 |
| 70 | 212 | .004 | .212 | .681 | -.816 | 70 | 282 | .045 | .123 | .597 | -.300 | 70 | 532 | -.303 | .105 | .095 | -.659 |
| 70 | 213 | -.099 | .197 | .595 | -.937 | 70 | 283 | .096 | .121 | .775 | -.234 | 70 | 533 | -.277 | .107 | .100 | -.782 |
| 70 | 214 | .326 | .263 | .377 | -1.660 | 70 | 284 | .092 | .120 | .636 | -.292 | 70 | 534 | -.237 | .121 | .116 | -.732 |
| 70 | 215 | .338 | .295 | .328 | -1.389 | 70 | 285 | .124 | .124 | .543 | -.330 | 70 | 535 | -.209 | .128 | .179 | -.865 |
| 70 | 216 | .150 | .156 | .322 | -1.181 | 70 | 286 | .123 | .116 | .578 | -.234 | 70 | 536 | -.189 | .128 | .151 | -.774 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 70 | 537 | - .182 | .112 | .175 | -.569 | 70 | 912 | -.348 | .155 | .120 | -.891 | 80 | 140 | -.045 | .146 | .555 | -.624 |
| 70 | 538 | - .174 | .110 | .132 | -.627 | 70 | 913 | -.016 | .124 | .618 | -.370 | 80 | 141 | -.096 | .149 | .719 | -.393 |
| 70 | 539 | - .172 | .109 | .217 | -.572 | 70 | 914 | -.015 | .116 | .584 | -.317 | 80 | 142 | -.230 | .175 | .998 | -.340 |
| 70 | 540 | - .175 | .113 | .211 | -.531 | 70 | 915 | -.397 | .180 | .145 | -1.032 | 80 | 143 | -.328 | .192 | .963 | -.277 |
| 70 | 541 | - .180 | .122 | .299 | -.596 | 70 | 916 | -.410 | .156 | .039 | -1.183 | 80 | 144 | -.397 | .228 | 1.206 | -.452 |
| 70 | 542 | - .183 | .118 | .222 | -.607 | 70 | 917 | -.002 | .106 | .406 | -.401 | 80 | 145 | -.402 | .231 | 1.175 | -.429 |
| 70 | 543 | - .189 | .119 | .167 | -.641 | 70 | 919 | -.072 | .159 | .767 | -.400 | 80 | 146 | -.309 | .208 | 1.026 | -.365 |
| 70 | 544 | - .193 | .139 | .255 | -.721 | 70 | 920 | -.063 | .110 | .521 | -.254 | 80 | 147 | -.210 | .178 | .861 | -.478 |
| 70 | 545 | - .215 | .133 | .187 | -.871 | 70 | 921 | -.363 | .174 | .144 | -1.191 | 80 | 149 | -.173 | .194 | .991 | -.514 |
| 70 | 546 | - .235 | .134 | .244 | -.883 | 70 | 922 | -.405 | .192 | .184 | -1.255 | 80 | 150 | -.236 | .210 | .912 | -.631 |
| 70 | 547 | - .208 | .110 | .161 | -.579 | 70 | 923 | -.326 | .161 | .262 | -1.158 | 80 | 151 | -.259 | .199 | .918 | -.551 |
| 70 | 548 | - .188 | .106 | .138 | -.590 | 70 | 924 | -.333 | .151 | .103 | -.991 | 80 | 152 | -.021 | .165 | .642 | -.777 |
| 70 | 549 | - .187 | .108 | .182 | -.551 | 70 | 925 | -.086 | .114 | .515 | -.276 | 80 | 153 | -.412 | .204 | .318 | -.257 |
| 70 | 550 | - .198 | .119 | .191 | -.652 | 70 | 926 | -.069 | .131 | .626 | -.334 | 80 | 154 | -.621 | .270 | .133 | -.571 |
| 70 | 551 | - .252 | .132 | .106 | -.721 | 70 | 927 | -.023 | .160 | .575 | -.526 | 80 | 155 | -.516 | .240 | .141 | -.441 |
| 70 | 552 | - .233 | .126 | .130 | -.815 | 70 | 928 | -.095 | .202 | .804 | -.806 | 80 | 156 | -.164 | .114 | .254 | -.700 |
| 70 | 553 | - .240 | .136 | .236 | -1.001 | 70 | 929 | -.147 | .158 | .879 | -.489 | 80 | 157 | -.131 | .096 | .223 | -.475 |
| 70 | 554 | - .246 | .150 | .231 | -1.003 | 70 | 930 | -.074 | .124 | .610 | -.330 | 80 | 158 | -.129 | .103 | .219 | -.504 |
| 70 | 564 | - .184 | .113 | .188 | -.604 | 70 | 931 | -.091 | .125 | .604 | -.460 | 80 | 159 | -.103 | .108 | .260 | -.466 |
| 70 | 565 | - .158 | .117 | .212 | -.555 | 70 | 932 | -.090 | .117 | .495 | -.303 | 80 | 160 | -.104 | .119 | .620 | -.367 |
| 70 | 566 | - .169 | .108 | .183 | -.553 | 70 | 933 | -.025 | .107 | .426 | -.370 | 80 | 161 | -.142 | .125 | .563 | -.302 |
| 70 | 567 | - .179 | .112 | .223 | -.540 | 70 | 934 | -.033 | .106 | .397 | -.348 | 80 | 162 | -.249 | .176 | .887 | -.312 |
| 70 | 568 | - .202 | .127 | .167 | -.807 | 70 | 935 | -.024 | .108 | .545 | -.415 | 80 | 163 | -.388 | .194 | 1.069 | -.247 |
| 70 | 569 | - .262 | .147 | .204 | -.881 | 70 | 936 | -.042 | .104 | .344 | -.414 | 80 | 164 | -.462 | .228 | 1.176 | -.511 |
| 70 | 570 | - .263 | .131 | .092 | -.982 | 70 | 937 | -.048 | .111 | .418 | -.414 | 80 | 165 | -.444 | .238 | 1.330 | -.515 |
| 70 | 571 | - .267 | .146 | .177 | -1.110 | 70 | 938 | -.042 | .123 | .461 | -.415 | 80 | 166 | -.449 | .217 | 1.089 | -.185 |
| 70 | 572 | - .292 | .162 | .174 | -1.326 | 70 | 939 | -.009 | .109 | .348 | -.378 | 80 | 167 | -.399 | .201 | 1.119 | -.299 |
| 70 | 573 | - .164 | .108 | .179 | -.654 | 70 | 940 | -.003 | .114 | .353 | -.423 | 80 | 168 | -.296 | .162 | .893 | -.388 |
| 70 | 574 | - .208 | .126 | .174 | -.775 | 70 | 941 | -.021 | .108 | .334 | -.450 | 80 | 169 | -.320 | .197 | .986 | -.292 |
| 70 | 575 | - .188 | .122 | .220 | -.679 | 70 | 942 | -.070 | .125 | .326 | -.517 | 80 | 170 | -.305 | .202 | 1.061 | -.410 |
| 70 | 576 | - .199 | .129 | .238 | -.764 | 70 | 943 | -.085 | .110 | .323 | -.501 | 80 | 171 | -.016 | .159 | .784 | -.691 |
| 70 | 577 | - .175 | .128 | .190 | -.732 | 70 | 944 | -.100 | .107 | .226 | -.409 | 80 | 172 | -.345 | .207 | .476 | -.992 |
| 70 | 578 | - .168 | .106 | .196 | -.511 | 70 | 945 | -.153 | .094 | .166 | -.478 | 80 | 173 | -.510 | .194 | .302 | -1.570 |
| 70 | 579 | - .179 | .107 | .212 | -.539 | 70 | 946 | -.220 | .095 | .108 | -.551 | 80 | 174 | -.643 | .239 | .043 | -1.721 |
| 70 | 580 | - .145 | .108 | .259 | -.569 | 70 | 947 | -.186 | .096 | .088 | -.528 | 80 | 175 | -.640 | .224 | .002 | -1.730 |
| 70 | 581 | - .192 | .101 | .126 | -.591 | 70 | 948 | -.163 | .104 | .227 | -.708 | 80 | 176 | -.223 | .177 | .236 | -1.005 |
| 70 | 582 | - .236 | .110 | .108 | -.595 | 70 | 949 | -.134 | .114 | .236 | -.500 | 80 | 177 | -.134 | .117 | .222 | -.967 |
| 70 | 584 | - .402 | .125 | .022 | -1.006 | 70 | 950 | -.106 | .100 | .245 | -.436 | 80 | 178 | -.128 | .107 | .208 | -.573 |
| 70 | 585 | - .494 | .151 | .001 | -1.379 | 70 | 951 | -.091 | .101 | .244 | -.441 | 80 | 179 | -.144 | .104 | .178 | -.527 |
| 70 | 901 | - .435 | .173 | .139 | -1.275 | 70 | 952 | -.071 | .110 | .277 | -.531 | 80 | 180 | -.107 | .113 | .490 | -.296 |
| 70 | 902 | - .324 | .141 | .220 | -.796 | 70 | 953 | -.066 | .101 | .265 | -.392 | 80 | 181 | -.133 | .125 | .538 | -.309 |
| 70 | 903 | - .237 | .146 | .255 | -.868 | 70 | 954 | -.063 | .106 | .355 | -.528 | 80 | 182 | -.245 | .147 | .830 | -.191 |
| 70 | 904 | - .276 | .130 | .200 | -.765 | 70 | 955 | -.009 | .102 | .355 | -.528 | 80 | 183 | -.345 | .167 | 1.010 | -.182 |
| 70 | 905 | - .170 | .148 | .428 | -.894 | 70 | 956 | -.021 | .103 | .373 | -.375 | 80 | 184 | -.407 | .197 | 1.167 | -.257 |
| 70 | 906 | - .298 | .151 | .317 | -.962 | 70 | 957 | -.008 | .113 | .390 | -.395 | 80 | 185 | -.442 | .201 | 1.238 | -.297 |
| 70 | 907 | - .253 | .146 | .375 | -.790 | 70 | 958 | -.017 | .109 | .421 | -.406 | 80 | 186 | -.463 | .198 | 1.141 | -.223 |
| 70 | 908 | - .285 | .144 | .253 | -.994 | 70 | 959 | -.036 | .102 | .302 | -.407 | 80 | 187 | -.385 | .185 | .998 | -.182 |
| 70 | 909 | - .228 | .145 | .342 | -.868 | 70 | 960 | -.003 | .099 | .309 | -.340 | 80 | 188 | -.407 | .179 | 1.466 | -.229 |
| 70 | 910 | - .346 | .169 | .231 | -1.118 | 70 | 961 | -.013 | .105 | .380 | -.385 | 80 | 189 | -.388 | .181 | 1.064 | -.247 |
| 70 | 911 | - .319 | .161 | .141 | -.955 | 70 | 962 | -.068 | .099 | .218 | -.444 | 80 | 190 | -.416 | .176 | 1.147 | -.227 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 80 | 191 | .218 | .155 | .974 | -.384 | 80 | 262 | .002 | .109 | .367 | -.341 | 80 | 512 | -.153 | .117 | .221 | -.695 |
| 80 | 192 | -.171 | .187 | .406 | -.967 | 80 | 263 | .023 | .109 | .406 | -.302 | 80 | 513 | -.161 | .107 | .142 | -.510 |
| 80 | 193 | -.330 | .184 | .273 | -1.046 | 80 | 264 | .028 | .117 | .451 | -.403 | 80 | 514 | -.165 | .122 | .291 | -.527 |
| 80 | 194 | -.392 | .229 | .141 | -1.670 | 80 | 265 | .018 | .121 | .455 | -.429 | 80 | 515 | -.173 | .134 | .217 | -.754 |
| 80 | 195 | -.585 | .238 | .271 | -1.825 | 80 | 266 | .043 | .113 | .468 | -.372 | 80 | 516 | -.176 | .132 | .212 | -.976 |
| 80 | 196 | -.220 | .219 | .304 | -1.304 | 80 | 267 | .040 | .131 | .590 | -.395 | 80 | 517 | -.179 | .134 | .201 | -.965 |
| 80 | 197 | -.081 | .122 | .371 | -.598 | 80 | 268 | .064 | .117 | .530 | -.420 | 80 | 518 | -.174 | .148 | .304 | -1.236 |
| 80 | 198 | -.069 | .106 | .309 | -.616 | 80 | 269 | .076 | .112 | .534 | -.291 | 80 | 519 | -.148 | .109 | .238 | -.648 |
| 80 | 199 | -.065 | .106 | .274 | -.493 | 80 | 270 | .092 | .118 | .572 | -.261 | 80 | 520 | -.152 | .115 | .218 | -.608 |
| 80 | 200 | .022 | .106 | .372 | -.406 | 80 | 271 | .051 | .136 | .708 | -.516 | 80 | 521 | -.150 | .107 | .277 | -.527 |
| 80 | 202 | .137 | .127 | .623 | -.387 | 80 | 272 | -.045 | .151 | .423 | -.690 | 80 | 522 | -.145 | .108 | .215 | -.572 |
| 80 | 203 | .225 | .144 | .733 | -.215 | 80 | 273 | -.069 | .148 | .468 | -.869 | 80 | 523 | -.164 | .115 | .162 | -.550 |
| 80 | 204 | .281 | .171 | 1.082 | -.294 | 80 | 274 | -.177 | .178 | .373 | -.930 | 80 | 524 | -.173 | .121 | .221 | -.625 |
| 80 | 205 | .287 | .192 | 1.016 | -.481 | 80 | 275 | -.124 | .169 | .390 | -1.065 | 80 | 525 | -.191 | .134 | .206 | -1.401 |
| 80 | 206 | .326 | .184 | 1.058 | -.251 | 80 | 276 | -.036 | .115 | .303 | -.507 | 80 | 526 | -.213 | .135 | .265 | -.857 |
| 80 | 207 | .327 | .177 | .889 | -.253 | 80 | 277 | -.039 | .113 | .413 | -.494 | 80 | 527 | -.267 | .141 | .218 | -1.090 |
| 80 | 208 | .314 | .154 | .849 | -.276 | 80 | 278 | -.058 | .104 | .282 | -.399 | 80 | 528 | -.282 | .113 | .075 | -.689 |
| 80 | 209 | .350 | .177 | .958 | -.121 | 80 | 279 | -.077 | .102 | .323 | -.465 | 80 | 529 | -.314 | .112 | .076 | -.723 |
| 80 | 210 | .357 | .158 | 1.097 | -.139 | 80 | 280 | -.018 | .102 | .385 | -.307 | 80 | 530 | -.339 | .107 | .129 | -.745 |
| 80 | 211 | -.205 | .147 | .714 | -.258 | 80 | 281 | -.000 | .107 | .450 | -.362 | 80 | 531 | -.311 | .102 | .030 | -.652 |
| 80 | 212 | -.059 | .199 | .542 | -.873 | 80 | 282 | .091 | .131 | .616 | -.288 | 80 | 532 | -.306 | .105 | .123 | -.790 |
| 80 | 213 | -.190 | .182 | .429 | -.826 | 80 | 283 | .129 | .129 | .609 | -.212 | 80 | 533 | -.285 | .115 | .187 | -.764 |
| 80 | 214 | -.496 | .265 | .213 | -1.649 | 80 | 284 | .118 | .116 | .567 | -.374 | 80 | 534 | -.232 | .122 | .179 | -.884 |
| 80 | 215 | -.481 | .267 | .205 | -1.551 | 80 | 285 | .147 | .117 | .544 | -.254 | 80 | 535 | -.197 | .131 | .240 | -.807 |
| 80 | 216 | -.224 | .195 | .181 | -1.351 | 80 | 286 | .133 | .123 | .491 | -.253 | 80 | 536 | -.193 | .139 | .265 | -.804 |
| 80 | 217 | -.158 | .111 | .165 | -.834 | 80 | 287 | .122 | .121 | .555 | -.344 | 80 | 537 | -.149 | .115 | .238 | -.576 |
| 80 | 218 | -.191 | .100 | .165 | -.665 | 80 | 288 | .117 | .115 | .493 | -.346 | 80 | 538 | -.134 | .111 | .301 | -.513 |
| 80 | 219 | -.152 | .099 | .153 | -.627 | 80 | 289 | .143 | .117 | .510 | -.234 | 80 | 539 | -.135 | .109 | .187 | -.555 |
| 80 | 220 | -.052 | .113 | .381 | -.444 | 80 | 290 | .142 | .120 | .567 | -.306 | 80 | 540 | -.134 | .121 | .399 | -.534 |
| 80 | 221 | -.028 | .107 | .371 | -.395 | 80 | 291 | .119 | .117 | .503 | -.313 | 80 | 541 | -.163 | .117 | .196 | -.526 |
| 80 | 222 | .025 | .117 | .499 | -.399 | 80 | 292 | .057 | .114 | .421 | -.334 | 80 | 542 | -.201 | .116 | .182 | -.608 |
| 80 | 223 | .084 | .127 | .524 | -.303 | 80 | 293 | .015 | .119 | .429 | -.424 | 80 | 543 | -.187 | .115 | .185 | -.591 |
| 80 | 224 | .118 | .144 | .756 | -.441 | 80 | 294 | -.013 | .116 | .421 | -.447 | 80 | 544 | -.181 | .146 | .307 | -.809 |
| 80 | 225 | .107 | .164 | .784 | -.503 | 80 | 295 | -.053 | .135 | .444 | -.563 | 80 | 545 | -.193 | .133 | .287 | -.713 |
| 80 | 226 | .150 | .154 | .800 | -.308 | 80 | 296 | -.111 | .125 | .328 | -.505 | 80 | 546 | -.186 | .129 | .179 | -.948 |
| 80 | 227 | .163 | .158 | .752 | -.418 | 80 | 297 | -.184 | .107 | .196 | -.567 | 80 | 547 | -.162 | .129 | .198 | -.694 |
| 80 | 228 | .165 | .141 | .645 | -.347 | 80 | 298 | -.211 | .104 | .109 | -.551 | 80 | 548 | -.153 | .122 | .251 | -.568 |
| 80 | 229 | .201 | .149 | .767 | -.313 | 80 | 299 | -.166 | .109 | .207 | -.596 | 80 | 549 | -.148 | .112 | .212 | -.488 |
| 80 | 230 | .210 | .142 | .730 | -.189 | 80 | 401 | .014 | .247 | 1.171 | -1.086 | 80 | 550 | -.185 | .110 | .223 | -.544 |
| 80 | 231 | .112 | .157 | .821 | -.406 | 80 | 463 | -.102 | .104 | .236 | -.474 | 80 | 551 | -.222 | .110 | .150 | -.622 |
| 80 | 232 | .000 | .191 | .645 | -.835 | 80 | 501 | -.150 | .127 | .251 | -.594 | 80 | 552 | -.218 | .127 | .184 | -.708 |
| 80 | 233 | -.120 | .189 | .505 | -.890 | 80 | 502 | -.149 | .135 | .346 | -.670 | 80 | 553 | -.220 | .134 | .159 | -1.021 |
| 80 | 234 | -.286 | .251 | .389 | -1.332 | 80 | 503 | -.151 | .127 | .274 | -.614 | 80 | 554 | -.218 | .129 | .210 | -.734 |
| 80 | 235 | -.275 | .266 | .379 | -1.259 | 80 | 504 | -.157 | .123 | .221 | -.585 | 80 | 554 | -.152 | .108 | .235 | -.543 |
| 80 | 236 | -.034 | .150 | .403 | -1.018 | 80 | 505 | -.167 | .123 | .228 | -.592 | 80 | 555 | -.147 | .103 | .231 | -.579 |
| 80 | 237 | -.031 | .113 | .348 | -.421 | 80 | 506 | -.175 | .147 | .277 | -1.273 | 80 | 556 | -.141 | .103 | .229 | -.482 |
| 80 | 238 | -.051 | .099 | .311 | -.398 | 80 | 507 | -.202 | .153 | .226 | -1.040 | 80 | 557 | -.151 | .109 | .184 | -.524 |
| 80 | 239 | -.054 | .116 | .322 | -.477 | 80 | 508 | -.195 | .150 | .207 | -1.217 | 80 | 558 | -.197 | .113 | .114 | -.639 |
| 80 | 240 | .010 | .099 | .358 | -.432 | 80 | 510 | -.167 | .110 | .228 | -.536 | 80 | 559 | -.242 | .135 | .198 | -.775 |
| 80 | 261 | .015 | .103 | .457 | -.365 | 80 | 511 | -.154 | .110 | .231 | -.510 | 80 | 570 | -.255 | .143 | .190 | -1.052 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|----|-----|--------|-------|-------|--------|
| 80 | 571 | -.256 | .139 | .134 | -.873 | 80 | 938 | .032 | .111 | .459 | -.313 | 90 | 166 | .290 | .220 | 1.120 | -.313 |
| 80 | 572 | -.276 | .131 | .232 | -.990 | 80 | 939 | -.025 | .113 | .328 | -.441 | 90 | 167 | .244 | .189 | .977 | -.311 |
| 80 | 573 | -.143 | .106 | .241 | -.481 | 80 | 940 | -.004 | .109 | .373 | -.488 | 90 | 168 | .190 | .187 | .802 | -.447 |
| 80 | 574 | -.197 | .118 | .165 | -.661 | 80 | 941 | -.022 | .105 | .317 | -.381 | 90 | 169 | .191 | .188 | .912 | -.371 |
| 80 | 575 | -.194 | .123 | .212 | -.733 | 80 | 942 | -.099 | .132 | .362 | -.504 | 90 | 170 | .203 | .201 | .909 | -.368 |
| 80 | 576 | -.156 | .118 | .226 | -.733 | 80 | 943 | -.086 | .110 | .276 | -.571 | 90 | 171 | -.024 | .166 | .565 | -.691 |
| 80 | 577 | -.142 | .103 | .153 | -.616 | 80 | 944 | -.096 | .095 | .201 | -.462 | 90 | 172 | -.303 | .188 | .425 | -1.105 |
| 80 | 578 | -.132 | .101 | .171 | -.509 | 80 | 945 | -.133 | .096 | .194 | -.440 | 90 | 173 | -.447 | .182 | .204 | -1.173 |
| 80 | 579 | -.153 | .109 | .251 | -.574 | 80 | 946 | -.198 | .097 | .102 | -.497 | 90 | 174 | -.640 | .239 | .040 | -1.594 |
| 80 | 580 | -.148 | .103 | .182 | -.513 | 80 | 947 | -.133 | .093 | .217 | -.483 | 90 | 175 | -.575 | .243 | .162 | -1.648 |
| 80 | 581 | -.185 | .105 | .287 | -.546 | 80 | 948 | -.130 | .097 | .192 | -.464 | 90 | 176 | -.174 | .132 | .214 | -.811 |
| 80 | 582 | -.239 | .114 | .128 | -.685 | 80 | 949 | -.114 | .100 | .253 | -.525 | 90 | 177 | -.124 | .103 | .232 | -.467 |
| 80 | 584 | -.381 | .125 | .084 | -.969 | 80 | 950 | -.066 | .102 | .368 | -.408 | 90 | 178 | -.121 | .103 | .277 | -.455 |
| 80 | 585 | -.459 | .149 | .011 | -1.352 | 80 | 951 | -.083 | .093 | .195 | -.401 | 90 | 179 | -.135 | .111 | .238 | -.544 |
| 80 | 901 | -.307 | .203 | .331 | -1.148 | 80 | 952 | -.064 | .098 | .272 | -.401 | 90 | 180 | .074 | .107 | .484 | -.301 |
| 80 | 902 | -.217 | .146 | .281 | -.798 | 80 | 953 | -.058 | .094 | .299 | -.351 | 90 | 181 | .076 | .119 | .684 | -.334 |
| 80 | 903 | -.171 | .138 | .290 | -.681 | 80 | 954 | -.063 | .102 | .296 | -.463 | 90 | 182 | .132 | .123 | .583 | -.312 |
| 80 | 904 | -.186 | .135 | .362 | -.778 | 80 | 955 | -.007 | .099 | .352 | -.334 | 90 | 183 | .229 | .147 | .811 | -.237 |
| 80 | 905 | -.159 | .136 | .331 | -.708 | 80 | 956 | .017 | .101 | .350 | -.305 | 90 | 184 | .289 | .191 | .964 | -.535 |
| 80 | 906 | -.285 | .175 | .426 | -.926 | 80 | 957 | -.008 | .102 | .366 | -.374 | 90 | 185 | .287 | .200 | 1.074 | -.499 |
| 80 | 907 | -.201 | .151 | .341 | -.774 | 80 | 958 | -.011 | .098 | .299 | -.423 | 90 | 186 | .309 | .184 | .945 | -.219 |
| 80 | 908 | -.255 | .148 | .183 | -.889 | 80 | 959 | -.032 | .101 | .361 | -.367 | 90 | 187 | .317 | .183 | 1.221 | -.248 |
| 80 | 909 | -.194 | .150 | .264 | -.981 | 80 | 960 | -.008 | .108 | .325 | -.413 | 90 | 188 | .280 | .167 | .923 | -.208 |
| 80 | 910 | -.321 | .179 | .207 | -.985 | 80 | 961 | -.021 | .104 | .384 | -.432 | 90 | 189 | .321 | .177 | .932 | -.170 |
| 80 | 911 | -.262 | .170 | .333 | -.976 | 80 | 962 | -.049 | .098 | .278 | -.362 | 90 | 190 | .316 | .177 | 1.122 | -.167 |
| 80 | 912 | -.338 | .171 | .194 | -.993 | 80 | 140 | -.039 | .146 | .538 | -.583 | 90 | 191 | .176 | .163 | .796 | -.397 |
| 80 | 913 | -.058 | .117 | .620 | -.304 | 80 | 141 | -.043 | .130 | .535 | -.411 | 90 | 192 | -.136 | .168 | .404 | -.903 |
| 80 | 914 | -.047 | .121 | .487 | -.425 | 80 | 142 | .123 | .134 | .646 | -.354 | 90 | 193 | -.322 | .181 | .344 | -1.006 |
| 80 | 915 | -.379 | .211 | .367 | -1.068 | 80 | 143 | .191 | .155 | .849 | -.286 | 90 | 194 | -.533 | .229 | .103 | -1.582 |
| 80 | 916 | -.378 | .160 | .117 | -1.138 | 80 | 144 | .240 | .207 | 1.017 | -.349 | 90 | 195 | -.535 | .231 | .134 | -1.520 |
| 80 | 917 | -.012 | .097 | .343 | -.339 | 80 | 145 | .201 | .211 | .963 | -.399 | 90 | 196 | -.177 | .158 | .297 | -.993 |
| 80 | 919 | -.032 | .164 | .653 | -.593 | 80 | 146 | .185 | .214 | 1.023 | -.479 | 90 | 197 | -.079 | .104 | .285 | -.498 |
| 80 | 920 | -.086 | .108 | .527 | -.293 | 80 | 147 | .123 | .166 | .652 | -.392 | 90 | 198 | -.057 | .093 | .260 | -.400 |
| 80 | 921 | -.369 | .203 | .319 | -1.355 | 80 | 149 | .096 | .185 | .778 | -.551 | 90 | 199 | -.058 | .104 | .263 | -.429 |
| 80 | 922 | -.379 | .221 | .389 | -1.475 | 80 | 150 | .135 | .217 | .999 | -.549 | 90 | 200 | .009 | .108 | .410 | -.397 |
| 80 | 923 | -.301 | .140 | .114 | -.892 | 80 | 151 | -.161 | .205 | .944 | -.593 | 90 | 202 | .080 | .109 | .588 | -.287 |
| 80 | 924 | -.327 | .166 | .160 | -1.067 | 80 | 152 | -.040 | .181 | .569 | -.740 | 90 | 203 | .159 | .130 | .630 | -.433 |
| 80 | 925 | -.080 | .105 | .531 | -.216 | 80 | 153 | -.354 | .191 | .329 | -1.128 | 90 | 204 | .181 | .146 | .777 | -.217 |
| 80 | 926 | -.104 | .119 | .822 | -.224 | 80 | 154 | -.511 | .246 | .048 | -1.463 | 90 | 205 | .198 | .153 | .859 | -.328 |
| 80 | 927 | -.034 | .166 | .691 | -.639 | 80 | 155 | -.405 | .218 | .185 | -1.407 | 90 | 206 | .243 | .150 | .774 | -.287 |
| 80 | 928 | -.031 | .194 | .730 | -.731 | 80 | 156 | -.166 | .118 | .242 | -.659 | 90 | 207 | .259 | .166 | .852 | -.222 |
| 80 | 929 | .100 | .177 | .922 | -.679 | 80 | 157 | -.125 | .095 | .170 | -.463 | 90 | 208 | .246 | .160 | .895 | -.226 |
| 80 | 930 | .077 | .125 | .591 | -.512 | 80 | 158 | -.109 | .101 | .302 | -.479 | 90 | 209 | .302 | .180 | .966 | -.166 |
| 80 | 931 | .089 | .113 | .481 | -.415 | 80 | 159 | -.087 | .100 | .202 | -.463 | 90 | 210 | .295 | .157 | .842 | -.188 |
| 80 | 932 | .113 | .121 | .689 | -.275 | 80 | 160 | .044 | .110 | .445 | -.313 | 90 | 211 | -.158 | .158 | .902 | -.333 |
| 80 | 933 | -.015 | .099 | .356 | -.390 | 80 | 161 | .072 | .124 | .513 | -.326 | 90 | 212 | -.036 | .187 | .592 | -.783 |
| 80 | 934 | -.037 | .105 | .503 | -.354 | 80 | 162 | -.155 | .144 | .748 | -.298 | 90 | 213 | -.172 | .154 | .490 | -.718 |
| 80 | 935 | -.018 | .106 | .420 | -.379 | 80 | 163 | .245 | .174 | .934 | -.216 | 90 | 214 | -.472 | .211 | .148 | -1.814 |
| 80 | 936 | -.038 | .108 | .567 | -.425 | 80 | 164 | -.264 | .189 | .913 | -.209 | 90 | 215 | -.482 | .221 | .249 | -1.603 |
| 80 | 937 | -.039 | .105 | .412 | -.345 | 80 | 165 | .284 | .213 | 1.164 | -.292 | 90 | 216 | -.205 | .133 | .233 | -.922 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|----|-----|--------|-------|-------|-------|
| 90 | 217 | .159 | .106 | .190 | .510 | 90 | 287 | .089 | .113 | .491 | .266 | 90 | 537 | .123 | .113 | .209 | .746 |
| 90 | 218 | .204 | .095 | .179 | .549 | 90 | 288 | .083 | .129 | .531 | .483 | 90 | 538 | .105 | .113 | .235 | .649 |
| 90 | 219 | .149 | .106 | .179 | .532 | 90 | 289 | .110 | .115 | .552 | .249 | 90 | 539 | .105 | .103 | .230 | .441 |
| 90 | 220 | .033 | .107 | .385 | .393 | 90 | 290 | .108 | .116 | .452 | .398 | 90 | 540 | .121 | .104 | .219 | .471 |
| 90 | 221 | .023 | .103 | .346 | .341 | 90 | 291 | .073 | .116 | .466 | .307 | 90 | 541 | .153 | .098 | .202 | .501 |
| 90 | 222 | .021 | .107 | .453 | .308 | 90 | 292 | .021 | .117 | .446 | .374 | 90 | 542 | .168 | .111 | .148 | .567 |
| 90 | 223 | .081 | .120 | .568 | .276 | 90 | 293 | .018 | .118 | .395 | .478 | 90 | 543 | .163 | .115 | .202 | .713 |
| 90 | 224 | .118 | .131 | .625 | .438 | 90 | 294 | .055 | .120 | .499 | .453 | 90 | 544 | .166 | .123 | .230 | .806 |
| 90 | 225 | .120 | .152 | .858 | .479 | 90 | 295 | .121 | .125 | .512 | .532 | 90 | 545 | .178 | .126 | .252 | .842 |
| 90 | 226 | .155 | .146 | .834 | .322 | 90 | 296 | .146 | .122 | .373 | .525 | 90 | 546 | .133 | .118 | .213 | .602 |
| 90 | 227 | .177 | .149 | .872 | .300 | 90 | 297 | .194 | .105 | .217 | .608 | 90 | 547 | .119 | .108 | .303 | .514 |
| 90 | 228 | .160 | .139 | .969 | .297 | 90 | 298 | .191 | .100 | .114 | .506 | 90 | 548 | .110 | .102 | .255 | .427 |
| 90 | 229 | .193 | .136 | .732 | .249 | 90 | 299 | .142 | .104 | .217 | .536 | 90 | 549 | .125 | .103 | .230 | .449 |
| 90 | 230 | .212 | .152 | .940 | .401 | 90 | 401 | .027 | .210 | .677 | .970 | 90 | 550 | .137 | .110 | .265 | .510 |
| 90 | 231 | .123 | .161 | .921 | .407 | 90 | 463 | .108 | .099 | .225 | .476 | 90 | 551 | .195 | .113 | .225 | .386 |
| 90 | 232 | .014 | .177 | .640 | .648 | 90 | 501 | .140 | .119 | .192 | .649 | 90 | 552 | .186 | .118 | .167 | .563 |
| 90 | 233 | .143 | .166 | .410 | .862 | 90 | 502 | .142 | .116 | .243 | .567 | 90 | 553 | .189 | .125 | .211 | .945 |
| 90 | 234 | .343 | .216 | .281 | .383 | 90 | 503 | .132 | .118 | .287 | .605 | 90 | 554 | .204 | .124 | .318 | .926 |
| 90 | 235 | .297 | .211 | .380 | .190 | 90 | 504 | .140 | .115 | .287 | .554 | 90 | 564 | .119 | .107 | .227 | .599 |
| 90 | 236 | .072 | .124 | .407 | .636 | 90 | 505 | .159 | .128 | .237 | .703 | 90 | 565 | .111 | .100 | .260 | .536 |
| 90 | 237 | .042 | .106 | .336 | .374 | 90 | 506 | .166 | .150 | .378 | .942 | 90 | 566 | .111 | .106 | .339 | .446 |
| 90 | 238 | .035 | .106 | .363 | .463 | 90 | 507 | .197 | .155 | .297 | .015 | 90 | 567 | .127 | .105 | .184 | .542 |
| 90 | 239 | .026 | .114 | .385 | .449 | 90 | 508 | .223 | .171 | .298 | .434 | 90 | 568 | .151 | .108 | .265 | .504 |
| 90 | 260 | .018 | .104 | .395 | .319 | 90 | 510 | .153 | .115 | .181 | .605 | 90 | 569 | .201 | .123 | .162 | .378 |
| 90 | 261 | .007 | .103 | .352 | .298 | 90 | 511 | .149 | .118 | .398 | .507 | 90 | 570 | .207 | .123 | .140 | .844 |
| 90 | 262 | .026 | .108 | .404 | .357 | 90 | 512 | .149 | .109 | .159 | .493 | 90 | 571 | .211 | .131 | .121 | .725 |
| 90 | 263 | .045 | .108 | .432 | .327 | 90 | 513 | .144 | .116 | .268 | .565 | 90 | 572 | .230 | .133 | .262 | .768 |
| 90 | 264 | .057 | .117 | .588 | .312 | 90 | 514 | .154 | .130 | .234 | .684 | 90 | 573 | .117 | .099 | .241 | .452 |
| 90 | 265 | .048 | .119 | .489 | .338 | 90 | 515 | .164 | .123 | .253 | .578 | 90 | 574 | .151 | .117 | .184 | .619 |
| 90 | 266 | .072 | .120 | .529 | .334 | 90 | 516 | .193 | .146 | .292 | .899 | 90 | 575 | .154 | .115 | .203 | .577 |
| 90 | 267 | .062 | .124 | .462 | .301 | 90 | 517 | .199 | .147 | .341 | .029 | 90 | 576 | .110 | .107 | .214 | .548 |
| 90 | 268 | .073 | .119 | .541 | .336 | 90 | 518 | .195 | .147 | .243 | .999 | 90 | 577 | .107 | .108 | .260 | .471 |
| 90 | 269 | .090 | .117 | .529 | .325 | 90 | 519 | .141 | .117 | .204 | .575 | 90 | 578 | .108 | .109 | .233 | .455 |
| 90 | 270 | .089 | .119 | .603 | .289 | 90 | 520 | .140 | .108 | .279 | .530 | 90 | 579 | .135 | .109 | .235 | .575 |
| 90 | 271 | .046 | .135 | .601 | .405 | 90 | 521 | .136 | .109 | .172 | .507 | 90 | 580 | .134 | .111 | .236 | .490 |
| 90 | 272 | .048 | .146 | .432 | .708 | 90 | 522 | .148 | .115 | .219 | .530 | 90 | 581 | .157 | .109 | .192 | .612 |
| 90 | 273 | .111 | .135 | .368 | .629 | 90 | 523 | .166 | .120 | .224 | .557 | 90 | 582 | .207 | .111 | .161 | .683 |
| 90 | 274 | .224 | .160 | .207 | .994 | 90 | 524 | .176 | .118 | .194 | .584 | 90 | 584 | .350 | .115 | .034 | .750 |
| 90 | 275 | .200 | .165 | .305 | .988 | 90 | 525 | .194 | .136 | .230 | .934 | 90 | 585 | .442 | .131 | .035 | .235 |
| 90 | 276 | .064 | .121 | .300 | .664 | 90 | 526 | .228 | .150 | .218 | .163 | 90 | 586 | .253 | .190 | .345 | .097 |
| 90 | 277 | .052 | .109 | .325 | .568 | 90 | 527 | .275 | .149 | .161 | .918 | 90 | 902 | .161 | .137 | .487 | .711 |
| 90 | 278 | .056 | .110 | .344 | .449 | 90 | 528 | .260 | .109 | .077 | .625 | 90 | 903 | .098 | .127 | .516 | .630 |
| 90 | 279 | .063 | .109 | .250 | .489 | 90 | 529 | .296 | .107 | .072 | .708 | 90 | 904 | .122 | .127 | .334 | .645 |
| 90 | 280 | .021 | .103 | .313 | .349 | 90 | 530 | .334 | .102 | .041 | .638 | 90 | 905 | .097 | .140 | .421 | .654 |
| 90 | 281 | .091 | .100 | .359 | .423 | 90 | 531 | .318 | .101 | .067 | .649 | 90 | 906 | .195 | .172 | .581 | .799 |
| 90 | 282 | .052 | .100 | .400 | .258 | 90 | 532 | .310 | .112 | .145 | .681 | 90 | 907 | .128 | .128 | .258 | .566 |
| 90 | 283 | .103 | .118 | .484 | .250 | 90 | 533 | .269 | .115 | .113 | .623 | 90 | 908 | .171 | .131 | .325 | .719 |
| 90 | 284 | .085 | .105 | .465 | .295 | 90 | 534 | .228 | .127 | .214 | .967 | 90 | 909 | .127 | .147 | .351 | .763 |
| 90 | 285 | .107 | .110 | .561 | .246 | 90 | 535 | .193 | .129 | .209 | .703 | 90 | 910 | .214 | .178 | .293 | .932 |
| 90 | 286 | .102 | .115 | .488 | .266 | 90 | 536 | .202 | .150 | .246 | .929 | 90 | 911 | .161 | .169 | .408 | .066 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 90 | 912 | .250 | .159 | .278 | -.793 | 100 | 140 | .007 | .198 | .819 | -.705 | 100 | 191 | .064 | .170 | .805 | -.393 |
| 90 | 913 | .034 | .097 | .379 | -.283 | 100 | 141 | .056 | .159 | .533 | -.412 | 100 | 192 | -.104 | .174 | .686 | -.759 |
| 90 | 914 | .033 | .108 | .414 | -.309 | 100 | 142 | .089 | .146 | .784 | -.392 | 100 | 193 | -.225 | .183 | .310 | -1.122 |
| 90 | 915 | .236 | .231 | .650 | -1.263 | 100 | 143 | .120 | .165 | .834 | -.400 | 100 | 194 | -.366 | .226 | .251 | -1.393 |
| 90 | 916 | .326 | .168 | .189 | -1.133 | 100 | 144 | .123 | .190 | .888 | -.428 | 100 | 195 | -.306 | .195 | .379 | -1.077 |
| 90 | 917 | .006 | .095 | .334 | -.331 | 100 | 145 | .102 | .205 | .956 | -.645 | 100 | 196 | -.128 | .142 | .331 | -.698 |
| 90 | 919 | .008 | .154 | .551 | -.514 | 100 | 146 | .065 | .199 | .812 | -.633 | 100 | 197 | -.068 | .126 | .360 | -.497 |
| 90 | 920 | .067 | .103 | .586 | -.264 | 100 | 147 | .020 | .191 | .642 | -.820 | 100 | 198 | -.046 | .118 | .326 | -.476 |
| 90 | 921 | .268 | .207 | .527 | -1.279 | 100 | 149 | .016 | .188 | .675 | -.868 | 100 | 199 | .040 | .118 | .426 | -.430 |
| 90 | 922 | .243 | .248 | .521 | -1.273 | 100 | 150 | .063 | .203 | .895 | -.641 | 100 | 200 | -.013 | .129 | .457 | -.426 |
| 90 | 923 | .297 | .154 | .231 | -.933 | 100 | 151 | .080 | .194 | .826 | -.666 | 100 | 202 | -.045 | .120 | .410 | -.369 |
| 90 | 924 | .267 | .163 | .337 | -.826 | 100 | 152 | -.065 | .179 | .597 | -.799 | 100 | 203 | .063 | .126 | .526 | -.343 |
| 90 | 925 | .034 | .102 | .406 | -.310 | 100 | 153 | -.297 | .193 | .434 | -1.011 | 100 | 204 | .082 | .134 | .691 | -.367 |
| 90 | 926 | .097 | .127 | .596 | -.300 | 100 | 154 | -.410 | .220 | .142 | -1.498 | 100 | 205 | .062 | .141 | .682 | -.485 |
| 90 | 927 | .032 | .177 | .692 | -.808 | 100 | 155 | -.315 | .199 | .293 | -1.311 | 100 | 206 | .083 | .138 | .392 | -.439 |
| 90 | 928 | .013 | .219 | .906 | -.774 | 100 | 156 | -.154 | .132 | .259 | -.738 | 100 | 207 | .089 | .162 | .714 | -.395 |
| 90 | 929 | .031 | .199 | .846 | -.734 | 100 | 157 | -.106 | .109 | .222 | -.485 | 100 | 208 | .081 | .128 | .578 | -.495 |
| 90 | 930 | .029 | .137 | .601 | -.434 | 100 | 158 | -.094 | .126 | .368 | -.586 | 100 | 209 | .104 | .146 | .717 | -.416 |
| 90 | 931 | .061 | .109 | .369 | -.434 | 100 | 159 | -.075 | .122 | .352 | -.558 | 100 | 210 | .117 | .153 | .701 | -.518 |
| 90 | 932 | .079 | .120 | .619 | -.434 | 100 | 160 | .045 | .168 | .722 | -.627 | 100 | 211 | .062 | .160 | .660 | -.502 |
| 90 | 933 | .006 | .096 | .376 | -.325 | 100 | 161 | .061 | .149 | .583 | -.643 | 100 | 212 | -.040 | .166 | .663 | -.708 |
| 90 | 934 | .049 | .099 | .415 | -.398 | 100 | 162 | .120 | .144 | .624 | -.655 | 100 | 213 | -.129 | .149 | .423 | -.790 |
| 90 | 935 | .012 | .097 | .450 | -.345 | 100 | 163 | .169 | .160 | .819 | -.343 | 100 | 214 | .300 | .183 | .142 | -1.644 |
| 90 | 936 | .048 | .095 | .304 | -.381 | 100 | 164 | .183 | .187 | .867 | -.357 | 100 | 215 | -.284 | .174 | .287 | -1.070 |
| 90 | 937 | .037 | .110 | .409 | -.331 | 100 | 165 | .165 | .198 | .995 | -.430 | 100 | 216 | -.162 | .133 | .274 | -.686 |
| 90 | 938 | .041 | .117 | .482 | -.379 | 100 | 166 | .153 | .210 | .824 | -.919 | 100 | 217 | -.136 | .107 | .218 | -.494 |
| 90 | 939 | .011 | .108 | .503 | -.390 | 100 | 167 | .113 | .205 | .813 | -.946 | 100 | 218 | -.214 | .095 | .100 | -.560 |
| 90 | 940 | .002 | .105 | .412 | -.372 | 100 | 168 | .061 | .175 | .945 | -.829 | 100 | 219 | -.151 | .101 | .190 | -.506 |
| 90 | 941 | .010 | .099 | .390 | -.372 | 100 | 169 | .091 | .201 | .914 | -.608 | 100 | 220 | -.084 | .102 | .281 | -.526 |
| 90 | 942 | .062 | .112 | .315 | -.466 | 100 | 170 | .117 | .213 | .131 | -.508 | 100 | 221 | -.044 | .106 | .420 | -.480 |
| 90 | 943 | .074 | .099 | .299 | -.404 | 100 | 171 | -.041 | .152 | .643 | -.495 | 100 | 222 | .001 | .104 | .372 | -.399 |
| 90 | 944 | .092 | .107 | .278 | -.425 | 100 | 172 | -.234 | .176 | .339 | -.916 | 100 | 223 | .042 | .104 | .433 | -.311 |
| 90 | 945 | .098 | .095 | .197 | -.409 | 100 | 173 | -.334 | .171 | .132 | -.946 | 100 | 224 | .069 | .104 | .450 | -.322 |
| 90 | 946 | .189 | .099 | .140 | -.539 | 100 | 174 | -.469 | .223 | .145 | -1.465 | 100 | 225 | .060 | .114 | .426 | -.327 |
| 90 | 947 | .117 | .099 | .240 | -.450 | 100 | 175 | -.398 | .233 | .097 | -1.630 | 100 | 226 | .071 | .122 | .567 | -.299 |
| 90 | 948 | .111 | .101 | .229 | -.416 | 100 | 176 | -.154 | .113 | .215 | -.663 | 100 | 227 | .076 | .129 | .686 | -.401 |
| 90 | 949 | .102 | .095 | .274 | -.422 | 100 | 177 | .100 | .106 | .268 | -.502 | 100 | 228 | .073 | .122 | .678 | -.484 |
| 90 | 950 | .071 | .096 | .233 | -.374 | 100 | 178 | .099 | .100 | .203 | -.456 | 100 | 229 | .093 | .122 | .729 | -.282 |
| 90 | 951 | .085 | .101 | .291 | -.456 | 100 | 179 | -.104 | .103 | .253 | -.476 | 100 | 230 | .110 | .129 | .635 | -.240 |
| 90 | 952 | .050 | .111 | .378 | -.418 | 100 | 180 | .031 | .135 | .674 | -.703 | 100 | 231 | .067 | .148 | .683 | -.440 |
| 90 | 953 | .059 | .098 | .325 | -.396 | 100 | 181 | .046 | .136 | .925 | -.379 | 100 | 232 | .011 | .139 | .480 | -.469 |
| 90 | 954 | .060 | .099 | .270 | -.377 | 100 | 182 | .089 | .133 | .585 | -.336 | 100 | 233 | .080 | .128 | .394 | -.562 |
| 90 | 955 | .001 | .104 | .344 | -.397 | 100 | 183 | .105 | .154 | .823 | -.362 | 100 | 234 | .180 | .142 | .335 | -.863 |
| 90 | 956 | .034 | .098 | .468 | -.272 | 100 | 184 | .125 | .166 | .977 | -.412 | 100 | 235 | -.156 | .137 | .298 | -.755 |
| 90 | 957 | .014 | .098 | .334 | -.333 | 100 | 185 | .121 | .175 | .885 | -.419 | 100 | 236 | .054 | .108 | .330 | -.421 |
| 90 | 958 | .015 | .098 | .351 | -.311 | 100 | 186 | .103 | .160 | .788 | -.594 | 100 | 237 | -.041 | .109 | .347 | -.379 |
| 90 | 959 | .031 | .091 | .264 | -.387 | 100 | 187 | .117 | .169 | .788 | -.443 | 100 | 238 | .028 | .100 | .284 | -.361 |
| 90 | 960 | .008 | .105 | .360 | -.345 | 100 | 188 | .109 | .157 | .727 | -.648 | 100 | 239 | .026 | .108 | .338 | -.393 |
| 90 | 961 | .026 | .102 | .340 | -.346 | 100 | 189 | .145 | .170 | .927 | -.599 | 100 | 260 | .021 | .105 | .369 | -.290 |
| 90 | 962 | .059 | .100 | .271 | -.399 | 100 | 190 | .159 | .178 | .894 | -.362 | 100 | 261 | .025 | .098 | .351 | -.358 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 100 | 262 | .028 | .101 | .341 | -.327 | 100 | 512 | -.107 | .106 | .265 | -.505 | 100 | 571 | -.148 | .117 | .243 | -.569 |
| 100 | 263 | .050 | .105 | .570 | -.269 | 100 | 513 | -.120 | .115 | .290 | -.564 | 100 | 572 | -.162 | .123 | .263 | -.679 |
| 100 | 264 | .064 | .101 | .423 | -.294 | 100 | 514 | -.127 | .112 | .298 | -.538 | 100 | 573 | -.077 | .096 | .204 | -.388 |
| 100 | 265 | .056 | .107 | .462 | -.280 | 100 | 515 | -.156 | .133 | .291 | -.712 | 100 | 574 | -.099 | .099 | .223 | -.417 |
| 100 | 266 | .064 | .117 | .565 | -.299 | 100 | 516 | -.217 | .165 | .259 | -1.075 | 100 | 575 | -.089 | .102 | .282 | -.524 |
| 100 | 267 | .065 | .107 | .429 | -.265 | 100 | 517 | -.267 | .214 | .304 | -1.526 | 100 | 576 | -.074 | .097 | .227 | -.400 |
| 100 | 268 | .059 | .115 | .405 | -.345 | 100 | 518 | -.279 | .217 | .382 | -1.629 | 100 | 577 | -.073 | .098 | .274 | -.391 |
| 100 | 269 | .075 | .120 | .593 | -.273 | 100 | 519 | -.110 | .103 | .239 | -.456 | 100 | 578 | -.072 | .097 | .269 | -.400 |
| 100 | 270 | .080 | .115 | .484 | -.413 | 100 | 520 | -.101 | .103 | .240 | -.526 | 100 | 579 | -.079 | .098 | .308 | -.391 |
| 100 | 271 | .040 | .119 | .552 | -.362 | 100 | 521 | -.102 | .102 | .234 | -.585 | 100 | 580 | -.086 | .096 | .249 | -.455 |
| 100 | 272 | .037 | .120 | .402 | -.450 | 100 | 522 | -.116 | .107 | .251 | -.457 | 100 | 581 | -.116 | .099 | .198 | -.402 |
| 100 | 273 | .075 | .118 | .420 | -.582 | 100 | 523 | -.132 | .114 | .316 | -.482 | 100 | 582 | -.150 | .090 | .151 | -.459 |
| 100 | 274 | .160 | .123 | .261 | -.682 | 100 | 524 | -.159 | .125 | .281 | -.546 | 100 | 584 | -.293 | .107 | .164 | -.662 |
| 100 | 275 | .134 | .125 | .317 | -.794 | 100 | 525 | -.223 | .168 | .363 | -1.083 | 100 | 585 | -.370 | .125 | .011 | -.972 |
| 100 | 276 | .062 | .101 | .312 | -.452 | 100 | 526 | -.289 | .184 | .260 | -1.201 | 100 | 901 | -.255 | .144 | .192 | -.851 |
| 100 | 277 | .037 | .101 | .323 | -.350 | 100 | 527 | -.388 | .229 | .133 | -1.846 | 100 | 902 | -.166 | .122 | .318 | -.859 |
| 100 | 278 | .035 | .096 | .275 | -.421 | 100 | 528 | -.220 | .102 | .086 | -.560 | 100 | 903 | -.098 | .120 | .318 | -.906 |
| 100 | 279 | .053 | .100 | .295 | -.376 | 100 | 529 | -.264 | .100 | .131 | -.704 | 100 | 904 | -.093 | .113 | .399 | -.602 |
| 100 | 280 | .021 | .096 | .368 | -.248 | 100 | 530 | -.308 | .101 | .049 | -.617 | 100 | 905 | -.071 | .139 | .591 | -.646 |
| 100 | 281 | .012 | .093 | .350 | -.392 | 100 | 531 | -.296 | .104 | .052 | -.636 | 100 | 906 | -.235 | .143 | .327 | -.937 |
| 100 | 282 | .029 | .099 | .360 | -.282 | 100 | 532 | -.263 | .109 | .091 | -.689 | 100 | 907 | -.146 | .132 | .211 | -.616 |
| 100 | 283 | .064 | .106 | .476 | -.258 | 100 | 533 | -.252 | .118 | .144 | -.817 | 100 | 908 | -.134 | .120 | .217 | -.627 |
| 100 | 284 | .057 | .098 | .487 | -.243 | 100 | 534 | -.253 | .142 | .223 | -.930 | 100 | 909 | -.095 | .134 | .401 | -.668 |
| 100 | 285 | .067 | .105 | .473 | -.212 | 100 | 535 | -.281 | .208 | .278 | -1.722 | 100 | 910 | -.181 | .164 | .287 | -.908 |
| 100 | 286 | .060 | .104 | .400 | -.248 | 100 | 536 | -.292 | .209 | .172 | -1.339 | 100 | 911 | -.184 | .156 | .367 | -.813 |
| 100 | 287 | .050 | .110 | .515 | -.265 | 100 | 537 | -.098 | .099 | .240 | -.535 | 100 | 912 | -.194 | .167 | .335 | -.930 |
| 100 | 288 | .050 | .106 | .399 | -.345 | 100 | 538 | -.088 | .107 | .244 | -.427 | 100 | 913 | -.015 | .118 | .358 | -.446 |
| 100 | 289 | .067 | .101 | .406 | -.294 | 100 | 539 | -.087 | .106 | .305 | -.422 | 100 | 914 | -.029 | .114 | .404 | -.384 |
| 100 | 290 | .059 | .103 | .431 | -.277 | 100 | 540 | -.097 | .105 | .244 | -.499 | 100 | 915 | -.233 | .212 | .534 | -1.137 |
| 100 | 291 | .027 | .107 | .375 | -.367 | 100 | 541 | -.114 | .109 | .308 | -.482 | 100 | 916 | -.244 | .167 | .306 | -.940 |
| 100 | 292 | .033 | .110 | .388 | -.421 | 100 | 542 | -.136 | .116 | .246 | -.459 | 100 | 917 | -.022 | .125 | .411 | -.530 |
| 100 | 293 | .091 | .106 | .450 | -.431 | 100 | 543 | -.166 | .129 | .311 | -.648 | 100 | 919 | -.048 | .172 | .723 | -.694 |
| 100 | 294 | .136 | .112 | .274 | -.504 | 100 | 544 | -.201 | .152 | .263 | -1.015 | 100 | 920 | -.046 | .121 | .510 | -.363 |
| 100 | 295 | .229 | .117 | .183 | -.575 | 100 | 545 | -.242 | .179 | .196 | -1.415 | 100 | 921 | -.271 | .191 | .361 | -1.066 |
| 100 | 296 | .245 | .108 | .151 | -.631 | 100 | 546 | -.110 | .110 | .303 | -.482 | 100 | 922 | -.232 | .209 | .739 | -1.154 |
| 100 | 297 | .214 | .096 | .219 | -.548 | 100 | 547 | -.086 | .106 | .264 | -.465 | 100 | 923 | -.253 | .175 | .237 | -1.034 |
| 100 | 298 | .170 | .092 | .088 | -.497 | 100 | 548 | -.085 | .102 | .238 | -.431 | 100 | 924 | -.213 | .176 | .277 | -.968 |
| 100 | 299 | .114 | .089 | .176 | -.449 | 100 | 549 | -.089 | .099 | .209 | -.422 | 100 | 925 | -.019 | .114 | .330 | -.406 |
| 100 | 401 | .010 | .186 | .681 | -.672 | 100 | 550 | -.110 | .103 | .269 | -.439 | 100 | 926 | -.082 | .130 | .672 | -.327 |
| 100 | 463 | .100 | .119 | .341 | -.508 | 100 | 551 | -.127 | .102 | .179 | -.517 | 100 | 927 | -.109 | .188 | .704 | -.842 |
| 100 | 501 | .108 | .117 | .234 | -.516 | 100 | 552 | -.151 | .116 | .251 | -.594 | 100 | 928 | -.072 | .206 | .806 | -.859 |
| 100 | 502 | .109 | .110 | .260 | -.476 | 100 | 553 | -.165 | .132 | .269 | -.918 | 100 | 929 | -.003 | .204 | .017 | -.659 |
| 100 | 503 | .104 | .108 | .253 | -.581 | 100 | 554 | -.189 | .127 | .204 | -1.133 | 100 | 930 | -.049 | .130 | .339 | -.566 |
| 100 | 504 | .119 | .113 | .263 | -.634 | 100 | 564 | -.084 | .101 | .286 | -.427 | 100 | 931 | -.055 | .116 | .456 | -.332 |
| 100 | 505 | .132 | .117 | .254 | -.634 | 100 | 565 | -.077 | .100 | .243 | -.472 | 100 | 932 | -.005 | .129 | .458 | -.411 |
| 100 | 506 | .173 | .141 | .245 | -.898 | 100 | 566 | -.076 | .096 | .268 | -.405 | 100 | 933 | -.036 | .112 | .348 | -.308 |
| 100 | 507 | .206 | .158 | .253 | -.992 | 100 | 567 | -.082 | .098 | .266 | -.441 | 100 | 934 | -.043 | .120 | .511 | -.459 |
| 100 | 508 | .271 | .189 | .212 | -1.442 | 100 | 568 | -.100 | .103 | .263 | -.448 | 100 | 935 | -.003 | .115 | .385 | -.439 |
| 100 | 510 | .114 | .110 | .282 | -.577 | 100 | 569 | -.121 | .101 | .202 | -.425 | 100 | 936 | -.041 | .124 | .367 | -.496 |
| 100 | 511 | .109 | .105 | .307 | -.467 | 100 | 570 | -.149 | .121 | .246 | -.575 | 100 | 937 | -.034 | .121 | .413 | -.335 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 100 | 938 | .031 | .120 | .451 | -.415 | 110 | 166 | -.121 | .212 | .734 | -.878 | 110 | 217 | -.175 | .113 | .143 | -.667 |
| 100 | 939 | .031 | .128 | .467 | -.384 | 110 | 167 | -.142 | .202 | .422 | -1.122 | 110 | 218 | -.225 | .101 | .085 | -.394 |
| 100 | 940 | .027 | .120 | .504 | -.361 | 110 | 168 | -.150 | .182 | .418 | -.974 | 110 | 219 | -.190 | .110 | .258 | -.782 |
| 100 | 941 | .029 | .114 | .620 | -.402 | 110 | 169 | -.176 | .191 | .387 | -.950 | 110 | 220 | -.040 | .145 | .685 | -.714 |
| 100 | 942 | -.001 | .119 | .461 | -.363 | 110 | 170 | -.138 | .197 | .549 | -.993 | 110 | 221 | .009 | .149 | .625 | -.550 |
| 100 | 943 | -.035 | .129 | .629 | -.471 | 110 | 171 | -.147 | .164 | .325 | -1.331 | 110 | 222 | .039 | .123 | .705 | -.363 |
| 100 | 944 | -.074 | .117 | .399 | -.430 | 110 | 172 | -.212 | .158 | .335 | -.851 | 110 | 223 | .043 | .113 | .405 | -.311 |
| 100 | 945 | -.058 | .114 | .327 | -.411 | 110 | 173 | -.233 | .135 | .222 | -.822 | 110 | 224 | .014 | .116 | .382 | -.353 |
| 100 | 946 | -.154 | .105 | .177 | -.537 | 110 | 174 | -.255 | .146 | .306 | -.943 | 110 | 225 | -.014 | .116 | .360 | -.502 |
| 100 | 947 | -.052 | .105 | .326 | -.426 | 110 | 175 | -.217 | .145 | .273 | -.824 | 110 | 226 | -.076 | .157 | .424 | -1.053 |
| 100 | 948 | -.053 | .094 | .311 | -.397 | 110 | 176 | -.114 | .121 | .283 | -.632 | 110 | 227 | -.074 | .148 | .328 | -.825 |
| 100 | 949 | -.047 | .101 | .262 | -.359 | 110 | 177 | -.090 | .114 | .275 | -.568 | 110 | 228 | -.050 | .145 | .411 | -1.687 |
| 100 | 950 | -.029 | .093 | .316 | -.334 | 110 | 178 | -.077 | .123 | .311 | -.487 | 110 | 229 | -.040 | .136 | .390 | -.767 |
| 100 | 951 | -.061 | .104 | .262 | -.456 | 110 | 179 | -.077 | .107 | .281 | -.455 | 110 | 230 | -.000 | .134 | .411 | -.817 |
| 100 | 952 | -.049 | .096 | .321 | -.380 | 110 | 180 | -.096 | .217 | 1.131 | -.632 | 110 | 231 | -.012 | .120 | .630 | -.569 |
| 100 | 953 | -.049 | .107 | .352 | -.456 | 110 | 181 | .127 | .201 | .974 | -.673 | 110 | 232 | -.073 | .126 | .443 | -1.049 |
| 100 | 954 | -.055 | .095 | .236 | -.366 | 110 | 182 | .128 | .169 | .953 | -.487 | 110 | 233 | -.080 | .106 | .275 | -.455 |
| 100 | 955 | .022 | .095 | .328 | -.275 | 110 | 183 | .075 | .122 | .558 | -.388 | 110 | 234 | -.130 | .128 | .355 | -.623 |
| 100 | 956 | .044 | .104 | .385 | -.303 | 110 | 184 | .016 | .130 | .504 | -.474 | 110 | 235 | -.125 | .114 | .272 | -.652 |
| 100 | 957 | .045 | .113 | .489 | -.333 | 110 | 185 | -.042 | .136 | .421 | -.566 | 110 | 236 | -.083 | .109 | .299 | -.524 |
| 100 | 958 | .034 | .115 | .446 | -.383 | 110 | 186 | -.110 | .161 | .352 | -.880 | 110 | 237 | -.050 | .103 | .347 | -.420 |
| 100 | 959 | -.036 | .119 | .330 | -.444 | 110 | 187 | -.129 | .176 | .454 | -.851 | 110 | 238 | -.044 | .111 | .293 | -.444 |
| 100 | 960 | -.017 | .111 | .366 | -.435 | 110 | 188 | -.100 | .182 | .381 | -.964 | 110 | 239 | -.027 | .111 | .378 | -.422 |
| 100 | 961 | -.018 | .119 | .505 | -.459 | 110 | 189 | -.102 | .192 | .387 | -1.043 | 110 | 260 | .047 | .128 | .624 | -.476 |
| 100 | 962 | -.039 | .108 | .344 | -.381 | 110 | 190 | -.047 | .180 | .554 | -.895 | 110 | 261 | .050 | .118 | .520 | -.543 |
| 110 | 140 | .119 | .262 | 1.000 | -1.014 | 110 | 191 | -.059 | .167 | .437 | -1.142 | 110 | 262 | .062 | .109 | .482 | -.257 |
| 110 | 141 | .120 | .221 | .966 | -.491 | 110 | 192 | -.120 | .132 | .484 | -.679 | 110 | 263 | .050 | .110 | .443 | -.348 |
| 110 | 142 | .119 | .188 | .772 | -.381 | 110 | 193 | -.145 | .152 | .308 | -.725 | 110 | 264 | .028 | .117 | .430 | -.350 |
| 110 | 143 | .074 | .150 | .697 | -.365 | 110 | 194 | -.164 | .137 | .322 | -.806 | 110 | 265 | .012 | .114 | .438 | -.463 |
| 110 | 144 | .010 | .155 | .641 | -.469 | 110 | 195 | .161 | .137 | .298 | -.915 | 110 | 266 | -.028 | .133 | .424 | -.985 |
| 110 | 145 | -.043 | .200 | .775 | -.662 | 110 | 196 | -.105 | .133 | .418 | -.576 | 110 | 267 | -.034 | .130 | .405 | -.766 |
| 110 | 146 | -.119 | .229 | .543 | -1.001 | 110 | 197 | -.074 | .119 | .286 | -.493 | 110 | 268 | -.022 | .123 | .437 | -.738 |
| 110 | 147 | -.114 | .192 | .670 | -1.050 | 110 | 198 | -.056 | .110 | .335 | -.600 | 110 | 269 | -.001 | .114 | .386 | -.444 |
| 110 | 149 | -.113 | .207 | .570 | -1.149 | 110 | 199 | -.053 | .106 | .321 | -.504 | 110 | 270 | .024 | .118 | .459 | -.403 |
| 110 | 150 | -.042 | .223 | .769 | -.993 | 110 | 200 | -.086 | .172 | .718 | -.560 | 110 | 271 | .004 | .119 | .528 | -.443 |
| 110 | 151 | -.008 | .207 | .582 | -1.088 | 110 | 202 | .104 | .139 | .777 | -.376 | 110 | 272 | -.067 | .113 | .397 | -.433 |
| 110 | 152 | -.073 | .159 | .543 | -.818 | 110 | 203 | .066 | .117 | .484 | -.358 | 110 | 273 | -.080 | .109 | .266 | -.451 |
| 110 | 153 | -.197 | .148 | .278 | -.916 | 110 | 204 | .013 | .126 | .484 | -.461 | 110 | 274 | -.111 | .109 | .294 | -.486 |
| 110 | 154 | -.233 | .164 | .334 | -.964 | 110 | 205 | -.043 | .130 | .362 | -.500 | 110 | 275 | -.109 | .114 | .256 | -.500 |
| 110 | 155 | -.197 | .141 | .286 | -.924 | 110 | 206 | -.115 | .178 | .476 | -1.178 | 110 | 276 | -.072 | .105 | .245 | -.491 |
| 110 | 156 | -.119 | .117 | .227 | -.556 | 110 | 207 | -.097 | .165 | .448 | -.918 | 110 | 277 | -.045 | .102 | .326 | -.367 |
| 110 | 157 | -.089 | .113 | .277 | -.435 | 110 | 208 | -.079 | .165 | .357 | -.932 | 110 | 278 | -.049 | .105 | .315 | -.401 |
| 110 | 158 | -.078 | .115 | .353 | -.517 | 110 | 209 | -.087 | .160 | .389 | -.832 | 110 | 279 | -.070 | .105 | .253 | -.411 |
| 110 | 159 | -.073 | .138 | .406 | -1.237 | 110 | 210 | -.043 | .160 | .480 | -.843 | 110 | 280 | .035 | .100 | .443 | -.312 |
| 110 | 160 | .109 | .243 | 1.081 | -1.719 | 110 | 211 | -.042 | .158 | .467 | -1.020 | 110 | 281 | .031 | .103 | .451 | -.364 |
| 110 | 161 | .146 | .224 | .947 | -.526 | 110 | 212 | -.090 | .132 | .325 | -.725 | 110 | 282 | .044 | .104 | .411 | -.356 |
| 110 | 162 | .134 | .160 | .842 | -.413 | 110 | 213 | -.121 | .141 | .410 | -.682 | 110 | 283 | .055 | .106 | .493 | -.290 |
| 110 | 163 | .090 | .149 | .589 | -.437 | 110 | 214 | -.182 | .130 | .257 | -.697 | 110 | 284 | .036 | .101 | .448 | -.288 |
| 110 | 164 | .021 | .144 | .517 | -.483 | 110 | 215 | -.191 | .124 | .160 | -.603 | 110 | 285 | .035 | .107 | .340 | -.312 |
| 110 | 165 | -.030 | .167 | .696 | -.948 | 110 | 216 | -.186 | .124 | .271 | -.651 | 110 | 286 | .002 | .114 | .389 | -.460 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 110 | 287 | .010 | .110 | .431 | -.357 | 110 | 537 | -.079 | .102 | .282 | -.439 | 110 | 912 | -.132 | .149 | .298 | -.864 |
| 110 | 288 | .013 | .106 | .347 | -.346 | 110 | 538 | -.074 | .109 | .295 | -.450 | 110 | 913 | .038 | .114 | .488 | -.343 |
| 110 | 289 | .017 | .107 | .373 | -.316 | 110 | 539 | -.076 | .111 | .301 | -.632 | 110 | 914 | .046 | .123 | .467 | -.365 |
| 110 | 290 | .017 | .106 | .347 | -.349 | 110 | 540 | -.090 | .116 | .242 | -.896 | 110 | 915 | -.223 | .193 | .380 | -1.142 |
| 110 | 291 | -.009 | .109 | .403 | -.391 | 110 | 541 | -.117 | .121 | .235 | -.558 | 110 | 916 | -.154 | .145 | .292 | -.617 |
| 110 | 292 | -.070 | .108 | .329 | -.478 | 110 | 542 | -.184 | .133 | .312 | -.707 | 110 | 917 | -.042 | .107 | .315 | -.340 |
| 110 | 293 | .131 | .100 | .193 | -.531 | 110 | 543 | -.262 | .136 | .232 | -1.383 | 110 | 919 | -.111 | .179 | .652 | -1.108 |
| 110 | 294 | .185 | .105 | .156 | -.612 | 110 | 544 | -.368 | .253 | .293 | -2.072 | 110 | 920 | .052 | .115 | .491 | -.392 |
| 110 | 295 | .247 | .105 | .168 | -.628 | 110 | 545 | -.326 | .304 | .441 | -1.998 | 110 | 921 | -.259 | .179 | .203 | -1.223 |
| 110 | 296 | .258 | .114 | .197 | -.615 | 110 | 546 | -.062 | .103 | .296 | -.389 | 110 | 922 | -.253 | .194 | .491 | -1.046 |
| 110 | 297 | .224 | .098 | .088 | -.547 | 110 | 547 | -.064 | .115 | .332 | -.463 | 110 | 923 | -.166 | .168 | .331 | -.854 |
| 110 | 298 | .169 | .099 | .171 | -.478 | 110 | 548 | -.068 | .104 | .298 | -.489 | 110 | 924 | -.131 | .155 | .390 | -.717 |
| 110 | 299 | .120 | .103 | .200 | -.492 | 110 | 549 | -.082 | .109 | .325 | -.527 | 110 | 925 | -.051 | .112 | .287 | -.522 |
| 110 | 401 | .126 | .280 | .037 | -.951 | 110 | 550 | -.105 | .114 | .303 | -.532 | 110 | 926 | .038 | .121 | .488 | -.425 |
| 110 | 463 | -.055 | .119 | .304 | -.446 | 110 | 551 | -.161 | .122 | .226 | -.611 | 110 | 927 | -.165 | .162 | .333 | -.789 |
| 110 | 501 | .091 | .125 | .365 | -.493 | 110 | 552 | -.186 | .141 | .277 | -.773 | 110 | 928 | -.108 | .175 | .592 | -.943 |
| 110 | 502 | .091 | .114 | .265 | -.517 | 110 | 553 | -.306 | .221 | .242 | -1.577 | 110 | 929 | .047 | .178 | .833 | -.710 |
| 110 | 503 | .101 | .118 | .360 | -.735 | 110 | 554 | -.377 | .247 | .182 | -1.836 | 110 | 930 | .063 | .119 | .292 | -.463 |
| 110 | 504 | .120 | .123 | .263 | -.573 | 110 | 554 | -.057 | .104 | .304 | -.355 | 110 | 931 | .037 | .105 | .431 | -.372 |
| 110 | 505 | .181 | .163 | .321 | -.941 | 110 | 565 | -.057 | .107 | .253 | -.415 | 110 | 932 | -.041 | .109 | .323 | -.419 |
| 110 | 506 | .211 | .162 | .303 | -.981 | 110 | 566 | -.061 | .112 | .309 | -.424 | 110 | 933 | .025 | .114 | .425 | -.394 |
| 110 | 507 | .271 | .196 | .376 | -1.507 | 110 | 567 | -.065 | .103 | .288 | -.392 | 110 | 934 | .027 | .113 | .394 | -.378 |
| 110 | 508 | .430 | .294 | .283 | -2.054 | 110 | 568 | -.084 | .112 | .316 | -.405 | 110 | 935 | -.023 | .117 | .402 | -.403 |
| 110 | 510 | .092 | .119 | .241 | -.520 | 110 | 569 | -.118 | .116 | .301 | -.580 | 110 | 936 | -.027 | .113 | .372 | -.392 |
| 110 | 511 | .094 | .124 | .323 | -.550 | 110 | 570 | -.145 | .118 | .243 | -.758 | 110 | 937 | .016 | .114 | .527 | -.372 |
| 110 | 512 | .093 | .112 | .257 | -.552 | 110 | 571 | -.204 | .145 | .202 | -.882 | 110 | 938 | -.009 | .107 | .353 | -.416 |
| 110 | 513 | .108 | .127 | .305 | -.633 | 110 | 572 | -.272 | .191 | .284 | -1.267 | 110 | 939 | .012 | .119 | .418 | -.416 |
| 110 | 514 | .161 | .139 | .295 | -.848 | 110 | 573 | -.064 | .102 | .311 | -.370 | 110 | 940 | .016 | .111 | .402 | -.386 |
| 110 | 515 | .228 | .153 | .347 | -.833 | 110 | 574 | -.084 | .104 | .279 | -.453 | 110 | 941 | .008 | .109 | .409 | -.332 |
| 110 | 516 | .286 | .188 | .305 | -1.383 | 110 | 575 | -.074 | .108 | .332 | -.484 | 110 | 942 | .010 | .126 | .472 | -.406 |
| 110 | 517 | .463 | .323 | .326 | -2.700 | 110 | 576 | -.050 | .104 | .364 | -.444 | 110 | 943 | -.027 | .112 | .344 | -.349 |
| 110 | 518 | .567 | .370 | .672 | -2.805 | 110 | 577 | -.053 | .106 | .295 | -.418 | 110 | 944 | -.074 | .113 | .284 | -.484 |
| 110 | 519 | .091 | .112 | .260 | -.505 | 110 | 578 | -.053 | .104 | .269 | -.426 | 110 | 945 | -.095 | .108 | .266 | -.451 |
| 110 | 520 | .084 | .112 | .310 | -.684 | 110 | 579 | -.069 | .098 | .277 | -.397 | 110 | 946 | -.141 | .106 | .208 | -.555 |
| 110 | 521 | .087 | .114 | .381 | -.566 | 110 | 580 | -.073 | .104 | .285 | -.420 | 110 | 947 | -.095 | .107 | .248 | -.424 |
| 110 | 522 | .106 | .123 | .329 | -.554 | 110 | 581 | -.108 | .105 | .234 | -.445 | 110 | 948 | -.075 | .110 | .238 | -.434 |
| 110 | 523 | .145 | .136 | .323 | -.747 | 110 | 582 | -.146 | .105 | .182 | -.505 | 110 | 949 | .060 | .103 | .305 | -.388 |
| 110 | 524 | .242 | .152 | .246 | -.872 | 110 | 584 | -.251 | .108 | .147 | -.619 | 110 | 950 | .034 | .113 | .455 | -.367 |
| 110 | 525 | .332 | .200 | .381 | -1.441 | 110 | 585 | -.305 | .124 | .093 | -.736 | 110 | 951 | -.029 | .107 | .394 | -.418 |
| 110 | 526 | .511 | .326 | .186 | -2.589 | 110 | 901 | -.361 | .197 | .152 | -1.263 | 110 | 952 | -.019 | .104 | .324 | -.399 |
| 110 | 527 | .695 | .409 | .390 | -2.702 | 110 | 902 | -.205 | .161 | .382 | -1.017 | 110 | 953 | .021 | .103 | .377 | -.337 |
| 110 | 528 | .221 | .199 | .133 | -.866 | 110 | 903 | -.117 | .125 | .280 | -.550 | 110 | 954 | .025 | .119 | .380 | -.419 |
| 110 | 529 | .254 | .107 | .083 | -.613 | 110 | 904 | -.084 | .128 | .334 | -.544 | 110 | 955 | .023 | .105 | .324 | -.279 |
| 110 | 530 | .281 | .119 | .090 | -.063 | 110 | 905 | -.049 | .126 | .420 | -.581 | 110 | 956 | .028 | .111 | .396 | -.419 |
| 110 | 531 | .270 | .109 | .078 | -.723 | 110 | 906 | -.288 | .194 | .299 | -.992 | 110 | 957 | .028 | .101 | .353 | -.325 |
| 110 | 532 | .273 | .122 | .117 | -.686 | 110 | 907 | -.164 | .135 | .372 | -.862 | 110 | 958 | .016 | .116 | .396 | -.370 |
| 110 | 533 | .324 | .148 | .163 | -.866 | 110 | 908 | -.097 | .133 | .325 | -.550 | 110 | 959 | -.032 | .107 | .291 | -.402 |
| 110 | 534 | .376 | .191 | .219 | -1.234 | 110 | 909 | -.064 | .123 | .331 | -.503 | 110 | 960 | -.029 | .110 | .320 | -.434 |
| 110 | 535 | .439 | .272 | .154 | -1.945 | 110 | 910 | -.130 | .132 | .417 | -.769 | 110 | 961 | -.024 | .104 | .313 | -.443 |
| 110 | 536 | .633 | .354 | .338 | -2.674 | 110 | 911 | -.208 | .183 | .418 | -1.003 | 110 | 962 | .025 | .104 | .273 | -.346 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 120 | 140 | .438 | .262 | 1.276 | -.741 | 120 | 191 | -.242 | .258 | .615 | -1.332 | 120 | 262 | .118 | .128 | .574 | -.249 |
| 120 | 141 | .425 | .254 | 1.279 | -.614 | 120 | 192 | -.212 | .190 | .374 | -.917 | 120 | 263 | .081 | .115 | .481 | -.311 |
| 120 | 142 | .302 | .212 | .975 | -.393 | 120 | 193 | -.209 | .167 | .339 | -.950 | 120 | 264 | .019 | .112 | .424 | -.369 |
| 120 | 143 | .149 | .167 | .745 | -.368 | 120 | 194 | -.221 | .181 | .325 | -1.046 | 120 | 265 | -.039 | .126 | .360 | -.525 |
| 120 | 144 | -.053 | .156 | .733 | -.618 | 120 | 195 | -.205 | .166 | .390 | -.972 | 120 | 266 | -.183 | .162 | .276 | -1.037 |
| 120 | 145 | -.230 | .184 | .464 | -.847 | 120 | 196 | -.168 | .155 | .315 | -.885 | 120 | 267 | -.150 | .167 | .342 | -1.008 |
| 120 | 146 | -.351 | .197 | .412 | -1.423 | 120 | 197 | -.136 | .143 | .250 | -.679 | 120 | 268 | -.115 | .160 | .354 | -.902 |
| 120 | 147 | -.359 | .201 | .255 | -1.173 | 120 | 198 | -.139 | .148 | .304 | -.818 | 120 | 269 | -.119 | .159 | .339 | -.906 |
| 120 | 149 | -.383 | .222 | .439 | -1.264 | 120 | 199 | -.136 | .162 | .295 | -1.042 | 120 | 270 | -.009 | .155 | .829 | -.960 |
| 120 | 150 | -.309 | .225 | .581 | -1.466 | 120 | 200 | -.275 | .209 | 1.011 | -.477 | 120 | 271 | -.006 | .167 | .724 | -.879 |
| 120 | 151 | -.259 | .322 | .731 | -1.583 | 120 | 202 | -.272 | .165 | .954 | -.213 | 120 | 272 | -.128 | .132 | .307 | -.890 |
| 120 | 152 | -.225 | .244 | .611 | -1.519 | 120 | 203 | -.150 | .138 | .724 | -.261 | 120 | 273 | -.139 | .121 | .246 | -.960 |
| 120 | 153 | -.289 | .191 | .330 | -1.145 | 120 | 204 | -.001 | .132 | .447 | -.418 | 120 | 274 | -.174 | .129 | .202 | -.867 |
| 120 | 154 | -.298 | .194 | .260 | -1.013 | 120 | 205 | -.134 | .152 | .325 | -.740 | 120 | 275 | -.167 | .131 | .232 | -.749 |
| 120 | 155 | -.263 | .179 | .282 | -1.732 | 120 | 206 | -.324 | .205 | .269 | -1.626 | 120 | 276 | -.134 | .121 | .241 | -1.002 |
| 120 | 156 | -.202 | .160 | .301 | -.872 | 120 | 207 | -.333 | .198 | .255 | -1.260 | 120 | 277 | -.082 | .108 | .283 | -.591 |
| 120 | 157 | -.151 | .128 | .230 | -.692 | 120 | 208 | -.318 | .204 | .260 | -1.281 | 120 | 278 | -.060 | .106 | .342 | -.573 |
| 120 | 158 | -.146 | .157 | .282 | -.759 | 120 | 209 | -.326 | .211 | .218 | -1.316 | 120 | 279 | -.087 | .103 | .249 | -.561 |
| 120 | 159 | -.155 | .172 | .314 | -1.387 | 120 | 210 | -.241 | .227 | .621 | -1.006 | 120 | 280 | .082 | .108 | .546 | -.286 |
| 120 | 160 | .409 | .264 | 1.314 | -1.077 | 120 | 211 | -.186 | .259 | .796 | -1.307 | 120 | 281 | .070 | .104 | .505 | -.314 |
| 120 | 161 | .455 | .251 | 1.260 | -.545 | 120 | 212 | -.202 | .200 | .462 | -.956 | 120 | 282 | .173 | .146 | .924 | -.271 |
| 120 | 162 | .339 | .204 | 1.062 | -.345 | 120 | 213 | -.212 | .175 | .355 | -1.038 | 120 | 283 | .128 | .121 | .585 | -.388 |
| 120 | 163 | .175 | .163 | .706 | -.400 | 120 | 214 | -.250 | .164 | .218 | -1.181 | 120 | 284 | .059 | .099 | .368 | -.251 |
| 120 | 164 | -.012 | .143 | .448 | -.518 | 120 | 215 | -.288 | .153 | .177 | -.882 | 120 | 285 | .040 | .118 | .503 | -.420 |
| 120 | 165 | -.194 | .171 | .401 | -.861 | 120 | 216 | -.288 | .156 | .198 | -.856 | 120 | 286 | -.054 | .134 | .374 | -.720 |
| 120 | 166 | -.348 | .196 | .426 | -1.129 | 120 | 217 | -.282 | .152 | .183 | -.974 | 120 | 287 | -.008 | .105 | .381 | -.393 |
| 120 | 167 | -.374 | .178 | .127 | -1.094 | 120 | 218 | -.291 | .140 | .111 | -1.029 | 120 | 288 | .001 | .103 | .315 | -.396 |
| 120 | 168 | -.402 | .207 | .455 | -1.324 | 120 | 219 | -.254 | .154 | .145 | -1.160 | 120 | 289 | -.001 | .106 | .321 | -.373 |
| 120 | 169 | -.474 | .213 | .155 | -1.404 | 120 | 220 | -.067 | .173 | .783 | -.606 | 120 | 290 | -.004 | .109 | .336 | -.396 |
| 120 | 170 | -.451 | .251 | .503 | -1.482 | 120 | 221 | .127 | .162 | .748 | -.477 | 120 | 291 | -.027 | .109 | .350 | -.492 |
| 120 | 171 | -.385 | .269 | .425 | -1.467 | 120 | 222 | .156 | .132 | .652 | -.249 | 120 | 292 | -.078 | .099 | .216 | -.452 |
| 120 | 172 | -.314 | .212 | .451 | -1.205 | 120 | 223 | .100 | .119 | .625 | -.311 | 120 | 293 | -.130 | .106 | .187 | -.459 |
| 120 | 173 | -.290 | .185 | .312 | -1.015 | 120 | 224 | -.007 | .118 | .429 | -.393 | 120 | 294 | -.163 | .111 | .193 | -.542 |
| 120 | 174 | -.280 | .187 | .298 | -1.197 | 120 | 225 | -.068 | .123 | .325 | -.491 | 120 | 295 | -.225 | .106 | .187 | -.677 |
| 120 | 175 | -.237 | .176 | .355 | -1.202 | 120 | 226 | -.291 | .196 | .205 | -1.170 | 120 | 296 | -.289 | .114 | .093 | -.717 |
| 120 | 176 | -.173 | .150 | .334 | -.785 | 120 | 227 | -.255 | .207 | .429 | -1.527 | 120 | 297 | -.207 | .097 | .111 | -.576 |
| 120 | 177 | -.140 | .142 | .451 | -.770 | 120 | 228 | -.246 | .203 | .307 | -1.488 | 120 | 298 | -.150 | .098 | .207 | -.471 |
| 120 | 178 | -.122 | .136 | .331 | -.644 | 120 | 229 | -.210 | .194 | .309 | -1.263 | 120 | 299 | -.100 | .091 | .210 | -.452 |
| 120 | 179 | -.130 | .148 | .349 | -.632 | 120 | 230 | -.074 | .209 | .681 | -.920 | 120 | 401 | -.363 | .250 | 1.128 | -.729 |
| 120 | 180 | .385 | .244 | 1.153 | -.789 | 120 | 231 | -.052 | .217 | .705 | -1.053 | 120 | 463 | -.049 | .113 | .374 | -.399 |
| 120 | 181 | .403 | .224 | 1.168 | -.625 | 120 | 232 | -.140 | .151 | .337 | -.930 | 120 | 501 | -.140 | .134 | .440 | -.680 |
| 120 | 182 | .328 | .183 | .970 | -.264 | 120 | 233 | -.175 | .133 | .345 | -.914 | 120 | 502 | -.163 | .133 | .189 | -.662 |
| 120 | 183 | .182 | .146 | .786 | -.291 | 120 | 234 | -.194 | .144 | .238 | -.774 | 120 | 503 | -.247 | .179 | .243 | -1.149 |
| 120 | 184 | .001 | .135 | .567 | -.434 | 120 | 235 | -.195 | .139 | .214 | -.804 | 120 | 504 | -.369 | .226 | .175 | -1.414 |
| 120 | 185 | .138 | .146 | .404 | -.691 | 120 | 236 | -.167 | .134 | .226 | -.821 | 120 | 505 | -.417 | .223 | .140 | -1.656 |
| 120 | 186 | -.338 | .168 | .170 | -.982 | 120 | 237 | -.109 | .116 | .219 | -.630 | 120 | 506 | -.329 | .160 | .122 | -1.290 |
| 120 | 187 | -.326 | .187 | .260 | -1.100 | 120 | 238 | -.089 | .125 | .259 | -.872 | 120 | 507 | -.346 | .160 | .085 | -1.397 |
| 120 | 188 | -.340 | .190 | .271 | -1.170 | 120 | 239 | -.080 | .132 | .313 | -.822 | 120 | 508 | -.749 | .386 | .353 | -2.167 |
| 120 | 189 | -.344 | .198 | .256 | -1.112 | 120 | 260 | -.097 | .144 | .580 | -.504 | 120 | 510 | -.123 | .126 | .250 | -.622 |
| 120 | 190 | -.320 | .217 | .538 | -1.342 | 120 | 261 | -.111 | .139 | .609 | -.341 | 120 | 511 | -.126 | .128 | .271 | -.732 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 120 | 512 | -158 | .141 | .354 | -.729 | 120 | 571 | -.327 | .209 | .191 | -1.387 | 120 | 938 | -.011 | .109 | .366 | -.396 |
| 120 | 513 | -.225 | .134 | .202 | -.714 | 120 | 572 | -.349 | .194 | .287 | -1.588 | 120 | 939 | -.011 | .120 | .345 | -.423 |
| 120 | 514 | -.354 | .161 | .161 | -.932 | 120 | 573 | -.060 | .097 | .235 | -.419 | 120 | 940 | -.013 | .115 | .380 | -.407 |
| 120 | 515 | -.406 | .150 | .115 | -1.007 | 120 | 574 | -.081 | .103 | .262 | -.448 | 120 | 941 | -.009 | .118 | .337 | -.440 |
| 120 | 516 | -.429 | .220 | .171 | -1.678 | 120 | 575 | -.074 | .099 | .253 | -.519 | 120 | 942 | -.017 | .120 | .395 | -.423 |
| 120 | 517 | -.823 | .395 | .240 | -2.325 | 120 | 576 | -.044 | .097 | .286 | -.388 | 120 | 943 | -.023 | .116 | .390 | -.410 |
| 120 | 518 | -.923 | .370 | .348 | -2.843 | 120 | 577 | -.042 | .102 | .296 | -.419 | 120 | 944 | -.106 | .106 | .309 | -.478 |
| 120 | 519 | -.107 | .119 | .302 | -.569 | 120 | 578 | -.049 | .095 | .263 | -.425 | 120 | 945 | -.092 | .117 | .258 | -.470 |
| 120 | 520 | -.108 | .117 | .289 | -.694 | 120 | 579 | -.074 | .096 | .233 | -.413 | 120 | 946 | -.156 | .114 | .220 | -.596 |
| 120 | 521 | -.113 | .119 | .280 | -.616 | 120 | 580 | -.069 | .100 | .325 | -.448 | 120 | 947 | -.097 | .105 | .257 | -.441 |
| 120 | 522 | -.163 | .133 | .241 | -.727 | 120 | 581 | -.107 | .091 | .235 | -.401 | 120 | 948 | -.076 | .115 | .287 | -.428 |
| 120 | 523 | -.349 | .150 | .151 | -.854 | 120 | 582 | -.133 | .093 | .182 | -.442 | 120 | 949 | -.063 | .114 | .393 | -.419 |
| 120 | 524 | -.490 | .160 | .044 | -1.119 | 120 | 584 | -.225 | .104 | .143 | -.730 | 120 | 950 | -.037 | .118 | .317 | -.384 |
| 120 | 525 | -.495 | .217 | .139 | -1.896 | 120 | 585 | -.307 | .132 | .046 | -1.031 | 120 | 951 | -.019 | .103 | .354 | -.452 |
| 120 | 526 | -.911 | .434 | .142 | -3.041 | 120 | 901 | -.733 | .271 | .104 | -1.755 | 120 | 952 | -.010 | .107 | .292 | -.380 |
| 120 | 527 | -1.113 | .421 | .237 | -3.090 | 120 | 902 | -.273 | .173 | .304 | -.947 | 120 | 953 | -.030 | .117 | .388 | -.412 |
| 120 | 528 | -.257 | .117 | .166 | -.739 | 120 | 903 | -.156 | .132 | .477 | -.715 | 120 | 954 | -.019 | .113 | .373 | -.467 |
| 120 | 529 | -.225 | .113 | .097 | -.717 | 120 | 904 | -.090 | .145 | .590 | -.532 | 120 | 955 | -.054 | .129 | .629 | -.358 |
| 120 | 530 | -.289 | .121 | .086 | -.747 | 120 | 905 | -.015 | .136 | .588 | -.442 | 120 | 956 | -.049 | .117 | .506 | -.320 |
| 120 | 531 | -.309 | .135 | .168 | -.877 | 120 | 906 | -.555 | .248 | .232 | -1.684 | 120 | 957 | .013 | .116 | .420 | -.412 |
| 120 | 532 | -.417 | .147 | .037 | -.956 | 120 | 907 | -.223 | .179 | .395 | -1.108 | 120 | 958 | .014 | .116 | .377 | -.393 |
| 120 | 533 | -.532 | .151 | .016 | -1.144 | 120 | 908 | -.103 | .137 | .360 | -.736 | 120 | 959 | -.026 | .109 | .386 | -.361 |
| 120 | 534 | -.476 | .198 | .016 | -1.798 | 120 | 909 | -.031 | .143 | .506 | -.709 | 120 | 960 | -.039 | .112 | .361 | -.388 |
| 120 | 535 | -.894 | .402 | .219 | -2.617 | 120 | 910 | -.146 | .156 | .388 | -.726 | 120 | 961 | -.025 | .115 | .369 | -.449 |
| 120 | 536 | -1.030 | .391 | .245 | -2.767 | 120 | 911 | -.441 | .242 | .305 | -1.372 | 120 | 962 | -.028 | .097 | .273 | -.325 |
| 120 | 537 | -.087 | .106 | .280 | -.538 | 120 | 912 | -.109 | .143 | .307 | -.725 | 130 | 140 | .519 | .208 | .116 | -.152 |
| 120 | 538 | -.079 | .111 | .253 | -.671 | 120 | 913 | -.115 | .127 | .746 | -.418 | 130 | 141 | .480 | .202 | .294 | -.181 |
| 120 | 539 | -.093 | .111 | .311 | -.624 | 120 | 914 | -.145 | .156 | .644 | -.272 | 130 | 142 | .395 | .191 | .254 | -.143 |
| 120 | 540 | -.126 | .136 | .408 | -.916 | 120 | 915 | -.354 | .257 | .466 | -1.421 | 130 | 143 | .209 | .157 | .791 | -.283 |
| 120 | 541 | -.265 | .159 | .197 | -.864 | 120 | 916 | -.152 | .188 | .525 | -1.041 | 130 | 144 | -.047 | .146 | .682 | -.544 |
| 120 | 542 | -.329 | .147 | .140 | -.852 | 120 | 917 | -.060 | .112 | .375 | -.450 | 130 | 145 | -.266 | .159 | .332 | -.870 |
| 120 | 543 | -.350 | .183 | .120 | -1.325 | 120 | 919 | -.287 | .269 | .705 | -1.591 | 130 | 146 | -.356 | .152 | .103 | -1.179 |
| 120 | 544 | -.742 | .400 | .256 | -2.679 | 120 | 920 | -.133 | .123 | .660 | -.259 | 130 | 147 | -.378 | .161 | .157 | -1.081 |
| 120 | 545 | -.773 | .322 | .269 | -2.342 | 120 | 921 | -.443 | .212 | .275 | -1.148 | 130 | 149 | -.392 | .170 | .126 | -1.162 |
| 120 | 546 | -.072 | .105 | .275 | -.446 | 120 | 922 | -.409 | .231 | .396 | -1.200 | 130 | 150 | -.375 | .193 | .662 | -1.292 |
| 120 | 547 | -.064 | .103 | .345 | -.424 | 120 | 923 | -.136 | .170 | .530 | -.870 | 130 | 151 | -.375 | .229 | .698 | -1.541 |
| 120 | 548 | -.076 | .103 | .248 | -.498 | 120 | 924 | -.056 | .182 | .487 | -.712 | 130 | 152 | -.329 | .224 | .495 | -1.209 |
| 120 | 549 | -.093 | .108 | .311 | -.477 | 120 | 925 | -.076 | .114 | .288 | -.505 | 130 | 153 | -.285 | .192 | .411 | -1.166 |
| 120 | 550 | -.155 | .113 | .216 | -.597 | 120 | 926 | -.066 | .122 | .539 | -.345 | 130 | 154 | -.253 | .181 | .319 | -1.052 |
| 120 | 551 | -.227 | .120 | .161 | -.692 | 120 | 927 | -.337 | .197 | .228 | -1.091 | 130 | 155 | -.244 | .180 | .448 | -.993 |
| 120 | 552 | -.267 | .176 | .128 | -1.322 | 120 | 928 | -.313 | .230 | .584 | -1.572 | 130 | 156 | -.217 | .149 | .311 | -.875 |
| 120 | 553 | -.487 | .295 | .384 | -2.247 | 120 | 929 | -.131 | .265 | 1.148 | -.933 | 130 | 157 | -.205 | .155 | .309 | -.889 |
| 120 | 554 | -.577 | .277 | .286 | -2.354 | 120 | 930 | -.096 | .119 | .377 | -.612 | 130 | 158 | -.206 | .166 | .399 | -.906 |
| 120 | 556 | -.056 | .101 | .342 | -.397 | 120 | 931 | -.067 | .124 | .549 | -.372 | 130 | 159 | -.199 | .162 | .205 | -.993 |
| 120 | 556 | -.055 | .104 | .268 | -.400 | 120 | 932 | -.039 | .121 | .457 | -.478 | 130 | 160 | -.428 | .243 | .120 | -.564 |
| 120 | 556 | -.056 | .094 | .232 | -.364 | 120 | 933 | -.019 | .114 | .482 | -.318 | 130 | 161 | -.465 | .202 | .078 | -.393 |
| 120 | 557 | -.070 | .101 | .230 | -.431 | 120 | 933 | -.042 | .132 | .492 | -.415 | 130 | 162 | -.398 | .180 | .988 | -.147 |
| 120 | 558 | -.114 | .111 | .230 | -.532 | 120 | 933 | -.026 | .112 | .374 | -.361 | 130 | 163 | -.208 | .152 | .872 | -.247 |
| 120 | 559 | -.148 | .112 | .271 | -.641 | 120 | 936 | -.024 | .107 | .360 | -.389 | 130 | 164 | -.004 | .122 | .463 | -.361 |
| 120 | 570 | -.176 | .144 | .213 | -1.269 | 120 | 937 | -.013 | .110 | .385 | -.366 | 130 | 165 | -.183 | .150 | .317 | -.700 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 130 | 166 | -.339 | .167 | .196 | -1.046 | 130 | 217 | -.298 | .145 | .128 | -1.102 | 130 | 287 | -.051 | .119 | .397 | -.519 |
| 130 | 167 | -.354 | .149 | .063 | -1.069 | 130 | 218 | -.403 | .153 | .040 | -1.463 | 130 | 288 | -.029 | .110 | .364 | -.389 |
| 130 | 168 | -.381 | .156 | .060 | -1.072 | 130 | 219 | -.388 | .162 | .054 | -1.307 | 130 | 289 | -.047 | .110 | .288 | -.437 |
| 130 | 169 | -.437 | .173 | .097 | -1.252 | 130 | 220 | -.053 | .185 | .778 | -.514 | 130 | 290 | -.034 | .125 | .423 | -.532 |
| 130 | 170 | -.441 | .166 | .315 | -1.061 | 130 | 221 | -.096 | .182 | .707 | -.617 | 130 | 291 | -.076 | .122 | .332 | -.566 |
| 130 | 171 | -.472 | .215 | .386 | -1.570 | 130 | 222 | -.157 | .146 | .718 | -.349 | 130 | 292 | -.129 | .121 | .278 | -.561 |
| 130 | 172 | -.367 | .197 | .423 | -1.180 | 130 | 223 | -.096 | .136 | .723 | -.304 | 130 | 293 | -.199 | .113 | .226 | -.589 |
| 130 | 173 | -.357 | .207 | .308 | -1.417 | 130 | 224 | -.029 | .124 | .446 | -.458 | 130 | 294 | -.233 | .111 | .129 | -.612 |
| 130 | 174 | -.275 | .168 | .380 | -.976 | 130 | 225 | -.123 | .133 | .251 | -.647 | 130 | 295 | -.302 | .119 | .048 | -.761 |
| 130 | 175 | -.248 | .166 | .266 | -.925 | 130 | 226 | -.378 | .204 | .134 | -1.498 | 130 | 296 | -.314 | .113 | .018 | -.782 |
| 130 | 176 | -.183 | .179 | .334 | -.788 | 130 | 227 | -.355 | .207 | .251 | -1.545 | 130 | 297 | -.238 | .101 | .137 | -.667 |
| 130 | 177 | -.186 | .157 | .293 | -.719 | 130 | 228 | -.329 | .191 | .224 | -1.708 | 130 | 298 | -.177 | .105 | .131 | -.574 |
| 130 | 178 | -.162 | .135 | .349 | -.873 | 130 | 229 | -.340 | .205 | .247 | -1.244 | 130 | 299 | -.131 | .100 | .208 | -.468 |
| 130 | 179 | -.170 | .137 | .237 | -.798 | 130 | 230 | -.200 | .230 | .702 | -1.034 | 130 | 401 | -.440 | .193 | .059 | -.197 |
| 130 | 180 | .363 | .247 | 1.332 | -.440 | 130 | 231 | -.131 | .228 | .594 | -1.032 | 130 | 463 | -.070 | .105 | .305 | -.447 |
| 130 | 181 | .423 | .236 | 1.063 | -.590 | 130 | 232 | -.214 | .168 | .400 | -.844 | 130 | 301 | -.266 | .155 | .155 | -.860 |
| 130 | 182 | .372 | .170 | .994 | -.177 | 130 | 233 | -.229 | .143 | .250 | -.843 | 130 | 502 | -.304 | .177 | .164 | -.938 |
| 130 | 183 | .207 | .148 | .758 | -.378 | 130 | 234 | -.255 | .166 | .214 | -.917 | 130 | 503 | -.477 | .232 | .068 | -1.484 |
| 130 | 184 | .013 | .131 | .554 | -.484 | 130 | 235 | -.260 | .170 | .205 | -1.139 | 130 | 504 | -.673 | .303 | .061 | -2.309 |
| 130 | 185 | -.146 | .135 | .288 | -.682 | 130 | 236 | -.229 | .152 | .221 | -.937 | 130 | 505 | -.467 | .184 | .043 | -1.826 |
| 130 | 186 | -.343 | .164 | .259 | -1.132 | 130 | 237 | -.212 | .151 | .199 | -.824 | 130 | 506 | -.361 | .138 | .019 | -.941 |
| 130 | 187 | -.343 | .167 | .190 | -1.185 | 130 | 238 | -.195 | .159 | .270 | -.900 | 130 | 507 | -.305 | .147 | .155 | -1.060 |
| 130 | 188 | -.343 | .152 | .114 | -.887 | 130 | 239 | -.208 | .187 | .225 | -1.111 | 130 | 508 | -.572 | .143 | .423 | -2.555 |
| 130 | 189 | -.353 | .170 | .283 | -1.123 | 130 | 260 | -.059 | .153 | .788 | -.540 | 130 | 310 | -.233 | .154 | .270 | -.856 |
| 130 | 190 | -.355 | .182 | .217 | -1.097 | 130 | 261 | -.078 | .151 | .707 | -.522 | 130 | 511 | -.240 | .152 | .282 | -.788 |
| 130 | 191 | -.359 | .214 | .457 | -1.292 | 130 | 262 | -.082 | .124 | .670 | -.278 | 130 | 512 | -.312 | .163 | .228 | -1.020 |
| 130 | 192 | -.303 | .188 | .311 | -1.157 | 130 | 263 | -.063 | .118 | .731 | -.309 | 130 | 513 | -.404 | .151 | .000 | -.972 |
| 130 | 193 | -.262 | .184 | .409 | -.953 | 130 | 264 | -.035 | .125 | .529 | -.492 | 130 | 514 | -.332 | .159 | -.048 | -1.057 |
| 130 | 194 | -.240 | .179 | .323 | -1.151 | 130 | 265 | -.096 | .125 | .278 | -.566 | 130 | 515 | -.490 | .163 | -.050 | -1.074 |
| 130 | 195 | -.220 | .174 | .406 | -1.191 | 130 | 266 | -.268 | .178 | .210 | -1.193 | 130 | 516 | -.327 | .214 | .188 | -1.792 |
| 130 | 196 | -.202 | .162 | .248 | -1.010 | 130 | 267 | -.256 | .178 | .160 | -1.110 | 130 | 517 | -.671 | .494 | .727 | -3.106 |
| 130 | 197 | -.180 | .142 | .352 | -.785 | 130 | 268 | -.224 | .196 | .324 | -1.603 | 130 | 518 | -.750 | .441 | .955 | -2.707 |
| 130 | 198 | -.198 | .150 | .262 | -1.091 | 130 | 269 | -.205 | .197 | .299 | -1.659 | 130 | 519 | -.173 | .136 | .273 | -.674 |
| 130 | 199 | -.191 | .158 | .280 | -.844 | 130 | 270 | -.081 | .178 | .699 | -1.082 | 130 | 520 | -.193 | .141 | .358 | -.938 |
| 130 | 200 | -.251 | .215 | 1.004 | -.375 | 130 | 271 | -.050 | .191 | .668 | -1.164 | 130 | 521 | -.253 | .181 | .329 | -1.048 |
| 130 | 202 | -.265 | .161 | 1.010 | -.213 | 130 | 272 | -.178 | .149 | .397 | -.946 | 130 | 522 | -.430 | .192 | .195 | -1.172 |
| 130 | 203 | -.157 | .143 | .630 | -.300 | 130 | 273 | -.198 | .135 | .213 | -.909 | 130 | 523 | -.610 | .202 | -.050 | -1.352 |
| 130 | 204 | -.016 | .134 | .531 | -.489 | 130 | 274 | -.235 | .149 | .251 | -.997 | 130 | 524 | -.597 | .185 | .022 | -1.166 |
| 130 | 205 | -.163 | .140 | .288 | -.782 | 130 | 275 | -.237 | .156 | .248 | -1.170 | 130 | 525 | -.445 | .228 | .248 | -2.113 |
| 130 | 206 | -.337 | .160 | .114 | -1.280 | 130 | 276 | -.213 | .142 | .244 | -.929 | 130 | 526 | -.678 | .507 | .685 | -2.554 |
| 130 | 207 | -.341 | .175 | .263 | -1.631 | 130 | 277 | -.151 | .137 | .309 | -1.198 | 130 | 527 | -.966 | .474 | .462 | -2.656 |
| 130 | 208 | -.334 | .174 | .213 | -1.710 | 130 | 278 | -.134 | .122 | .199 | -.685 | 130 | 528 | -.311 | .135 | .141 | -.876 |
| 130 | 209 | -.358 | .180 | .150 | -1.381 | 130 | 279 | -.151 | .138 | .278 | -.704 | 130 | 529 | -.341 | .136 | .127 | -.924 |
| 130 | 210 | -.306 | .182 | .466 | -1.030 | 130 | 280 | -.066 | .109 | .481 | -.254 | 130 | 530 | -.424 | .152 | -.003 | -1.082 |
| 130 | 211 | -.290 | .214 | .471 | -1.140 | 130 | 281 | -.063 | .121 | .484 | -.341 | 130 | 531 | -.553 | .178 | .075 | -1.257 |
| 130 | 212 | -.240 | .193 | .475 | -1.272 | 130 | 282 | -.156 | .153 | .785 | -.336 | 130 | 532 | -.691 | .173 | -.186 | -1.292 |
| 130 | 213 | -.256 | .185 | .348 | -.971 | 130 | 283 | -.145 | .147 | .830 | -.310 | 130 | 533 | -.673 | .187 | -.086 | -1.275 |
| 130 | 214 | -.263 | .152 | .259 | -.842 | 130 | 284 | -.045 | .105 | .394 | -.293 | 130 | 534 | -.468 | .231 | .301 | -1.815 |
| 130 | 215 | -.289 | .162 | .247 | -.980 | 130 | 285 | -.002 | .113 | .349 | -.389 | 130 | 535 | -.727 | .512 | .646 | -2.752 |
| 130 | 216 | -.301 | .162 | .108 | -.990 | 130 | 286 | -.120 | .137 | .247 | -1.003 | 130 | 536 | -.916 | .469 | .474 | -2.421 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 130 | 537 | -.173 | .143 | .238 | -.836 | 130 | 912 | -.152 | .149 | .382 | -.800 | 140 | 140 | .348 | .232 | 1.230 | -.554 |
| 130 | 538 | -.162 | .137 | .224 | -.765 | 130 | 913 | -.089 | .134 | .661 | -.355 | 140 | 141 | .332 | .187 | .986 | -.458 |
| 130 | 539 | -.209 | .157 | .266 | -.861 | 130 | 914 | -.150 | .175 | 1.080 | -.401 | 140 | 142 | .283 | .151 | .788 | -.363 |
| 130 | 540 | -.292 | .178 | .143 | -.997 | 130 | 915 | -.460 | .206 | .296 | -1.492 | 140 | 143 | .126 | .146 | .794 | -.353 |
| 130 | 541 | -.408 | .166 | .156 | -1.072 | 130 | 916 | -.241 | .179 | .380 | -1.119 | 140 | 144 | -.053 | .124 | .414 | -.462 |
| 130 | 542 | -.408 | .174 | .162 | -1.032 | 130 | 917 | -.091 | .119 | .304 | -.560 | 140 | 145 | -.217 | .123 | .195 | -.700 |
| 130 | 543 | -.344 | .218 | .343 | -1.544 | 130 | 919 | -.425 | .184 | .330 | -1.148 | 140 | 146 | -.270 | .133 | .179 | -.806 |
| 130 | 544 | -.581 | .418 | .456 | -2.050 | 130 | 920 | -.135 | .170 | .821 | -.372 | 140 | 147 | -.280 | .131 | .146 | -.820 |
| 130 | 545 | -.733 | .386 | .488 | -2.369 | 130 | 921 | -.495 | .169 | .040 | -1.206 | 140 | 149 | -.280 | .133 | .160 | -.732 |
| 130 | 546 | -.107 | .115 | .269 | -.644 | 130 | 922 | -.521 | .189 | .390 | -1.288 | 140 | 150 | -.299 | .143 | .091 | -.939 |
| 130 | 547 | -.116 | .117 | .290 | -.664 | 130 | 923 | -.156 | .166 | .446 | -.727 | 140 | 151 | -.313 | .160 | .459 | -1.278 |
| 130 | 548 | -.136 | .124 | .253 | -.649 | 130 | 924 | -.091 | .175 | .476 | -.726 | 140 | 152 | -.298 | .152 | .317 | -.830 |
| 130 | 549 | -.177 | .122 | .199 | -.690 | 130 | 925 | -.112 | .125 | .313 | -.617 | 140 | 153 | -.275 | .147 | .266 | -.897 |
| 130 | 550 | -.257 | .135 | .106 | -.762 | 130 | 926 | -.045 | .126 | .979 | -.359 | 140 | 154 | -.211 | .148 | .250 | -.772 |
| 130 | 551 | -.249 | .137 | .205 | -.800 | 130 | 927 | -.400 | .156 | .070 | -1.011 | 140 | 155 | -.193 | .126 | .219 | -.783 |
| 130 | 552 | -.236 | .166 | .232 | -1.168 | 130 | 928 | -.418 | .167 | .218 | -1.226 | 140 | 156 | -.190 | .123 | .239 | -.580 |
| 130 | 553 | -.434 | .329 | .464 | -1.778 | 130 | 929 | -.275 | .202 | .902 | -1.100 | 140 | 157 | -.169 | .116 | .210 | -.573 |
| 130 | 554 | -.488 | .317 | .352 | -2.073 | 130 | 930 | -.131 | .124 | .227 | -.709 | 140 | 158 | -.180 | .135 | .240 | -.690 |
| 130 | 564 | -.089 | .101 | .317 | -.457 | 130 | 931 | -.036 | .114 | .497 | -.338 | 140 | 159 | -.193 | .144 | .303 | -.769 |
| 130 | 565 | -.080 | .105 | .283 | -.403 | 130 | 932 | -.068 | .123 | .370 | -.568 | 140 | 160 | .248 | .270 | 1.169 | -.610 |
| 130 | 566 | -.085 | .104 | .272 | -.452 | 130 | 933 | -.018 | .121 | .505 | -.359 | 140 | 161 | .336 | .255 | .993 | -.509 |
| 130 | 567 | -.098 | .109 | .252 | -.435 | 130 | 934 | -.023 | .122 | .558 | -.378 | 140 | 162 | .308 | .155 | .889 | -.236 |
| 130 | 568 | -.138 | .110 | .157 | -.534 | 130 | 935 | -.047 | .107 | .298 | -.405 | 140 | 163 | .151 | .153 | .779 | -.318 |
| 130 | 569 | -.155 | .109 | .179 | -.517 | 130 | 936 | -.030 | .105 | .293 | -.441 | 140 | 164 | -.028 | .123 | .394 | -.379 |
| 130 | 570 | -.114 | .150 | .310 | -.986 | 130 | 937 | -.016 | .108 | .327 | -.395 | 140 | 165 | -.178 | .130 | .216 | -.687 |
| 130 | 571 | -.200 | .229 | .583 | -1.283 | 130 | 938 | -.036 | .111 | .411 | -.411 | 140 | 166 | -.267 | .136 | .160 | -.910 |
| 130 | 572 | -.243 | .233 | .604 | -1.235 | 130 | 939 | -.036 | .113 | .331 | -.410 | 140 | 167 | -.295 | .142 | .094 | -.923 |
| 130 | 573 | -.072 | .105 | .266 | -.446 | 130 | 940 | -.001 | .116 | .439 | -.404 | 140 | 168 | -.332 | .139 | .099 | -.893 |
| 130 | 574 | -.081 | .103 | .298 | -.438 | 130 | 941 | -.027 | .120 | .410 | -.425 | 140 | 169 | -.368 | .139 | .075 | -.942 |
| 130 | 575 | -.076 | .101 | .349 | -.406 | 130 | 942 | -.044 | .122 | .328 | -.448 | 140 | 170 | -.409 | .138 | .022 | -.986 |
| 130 | 576 | -.051 | .102 | .295 | -.381 | 130 | 943 | -.032 | .108 | .420 | -.425 | 140 | 171 | -.418 | .173 | .047 | -1.410 |
| 130 | 577 | -.048 | .100 | .366 | -.519 | 130 | 944 | -.132 | .114 | .367 | -.520 | 140 | 172 | -.383 | .156 | .377 | -1.062 |
| 130 | 578 | -.056 | .098 | .324 | -.384 | 130 | 945 | -.122 | .110 | .230 | -.588 | 140 | 173 | -.360 | .158 | .145 | -1.027 |
| 130 | 579 | -.085 | .108 | .321 | -.421 | 130 | 946 | -.157 | .104 | .195 | -.609 | 140 | 174 | -.293 | .146 | .126 | -.854 |
| 130 | 580 | -.079 | .096 | .301 | -.413 | 130 | 947 | -.113 | .111 | .288 | -.500 | 140 | 175 | -.247 | .142 | .252 | -.792 |
| 130 | 581 | -.115 | .114 | .245 | -.503 | 130 | 948 | -.101 | .117 | .309 | -.440 | 140 | 176 | -.216 | .135 | .260 | -.683 |
| 130 | 582 | -.140 | .100 | .221 | -.452 | 130 | 949 | -.094 | .109 | .279 | -.467 | 140 | 177 | -.184 | .132 | .268 | -.683 |
| 130 | 584 | -.187 | .097 | .199 | -.528 | 130 | 950 | -.058 | .106 | .303 | -.401 | 140 | 178 | -.185 | .121 | .193 | -.656 |
| 130 | 585 | -.219 | .119 | .264 | -1.072 | 130 | 951 | -.026 | .109 | .342 | -.450 | 140 | 179 | -.183 | .129 | .225 | -.672 |
| 130 | 901 | -.793 | .219 | .101 | -1.874 | 130 | 952 | -.016 | .142 | .419 | -.544 | 140 | 180 | .180 | .247 | 1.163 | -.600 |
| 130 | 902 | -.360 | .173 | .162 | -1.033 | 130 | 953 | -.057 | .134 | .391 | -.573 | 140 | 181 | .223 | .288 | 1.079 | -.731 |
| 130 | 903 | -.226 | .122 | .170 | -.662 | 130 | 954 | -.036 | .108 | .388 | -.424 | 140 | 182 | .279 | .173 | .885 | -.318 |
| 130 | 904 | -.155 | .132 | .273 | -.620 | 130 | 955 | -.053 | .108 | .368 | -.294 | 140 | 183 | .129 | .150 | .640 | -.321 |
| 130 | 905 | -.048 | .134 | .405 | -.634 | 130 | 956 | -.044 | .116 | .459 | -.327 | 140 | 184 | -.019 | .125 | .449 | -.492 |
| 130 | 906 | -.614 | .216 | .055 | -1.478 | 130 | 957 | -.002 | .119 | .431 | -.372 | 140 | 185 | -.147 | .118 | .220 | -.536 |
| 130 | 907 | -.252 | .188 | .296 | -.973 | 130 | 958 | -.007 | .117 | .414 | -.370 | 140 | 186 | -.289 | .144 | .129 | -.960 |
| 130 | 908 | -.142 | .123 | .339 | -.580 | 130 | 959 | -.041 | .104 | .362 | -.409 | 140 | 187 | -.291 | .147 | .127 | -1.162 |
| 130 | 909 | -.047 | .126 | .443 | -.589 | 130 | 960 | -.060 | .112 | .400 | -.450 | 140 | 188 | -.297 | .143 | .140 | -.958 |
| 130 | 910 | -.191 | .151 | .255 | -1.174 | 130 | 961 | -.042 | .114 | .372 | -.387 | 140 | 189 | -.286 | .142 | .204 | -.878 |
| 130 | 911 | -.527 | .197 | .167 | -1.413 | 130 | 962 | -.040 | .111 | .325 | -.397 | 140 | 190 | -.305 | .159 | .142 | -.790 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 140 | 191 | .304 | .177 | .326 | -1.064 | 140 | 262 | .048 | .119 | .500 | -.406 | 140 | 512 | -.373 | .152 | .105 | -.892 |
| 140 | 192 | .280 | .160 | .187 | -.907 | 140 | 263 | .018 | .115 | .487 | -.367 | 140 | 513 | -.496 | .149 | -.070 | -1.001 |
| 140 | 193 | .292 | .172 | .376 | -1.042 | 140 | 264 | -.060 | .119 | .500 | -.497 | 140 | 514 | -.500 | .148 | -.028 | -1.076 |
| 140 | 194 | .254 | .158 | .222 | -.937 | 140 | 265 | -.126 | .123 | .560 | -.595 | 140 | 515 | -.381 | .146 | .123 | -.822 |
| 140 | 195 | .238 | .155 | .273 | -.825 | 140 | 266 | -.284 | .179 | .196 | -1.201 | 140 | 516 | -.127 | .164 | .447 | -1.148 |
| 140 | 196 | .221 | .150 | .254 | -.728 | 140 | 267 | -.248 | .162 | .199 | -1.050 | 140 | 517 | -.159 | .417 | .686 | -2.111 |
| 140 | 197 | .192 | .128 | .228 | -.715 | 140 | 268 | -.202 | .149 | .249 | -.962 | 140 | 518 | -.234 | .486 | .914 | -2.560 |
| 140 | 198 | .213 | .133 | .198 | -.750 | 140 | 269 | -.203 | .152 | .281 | -.904 | 140 | 519 | -.228 | .162 | .236 | -.953 |
| 140 | 199 | .215 | .137 | .196 | -.806 | 140 | 270 | -.145 | .158 | .550 | -.910 | 140 | 520 | -.244 | .151 | .228 | -.929 |
| 140 | 200 | .230 | .130 | .880 | -.606 | 140 | 271 | -.111 | .188 | .741 | -1.029 | 140 | 521 | -.376 | .178 | .257 | -1.009 |
| 140 | 202 | .169 | .167 | .731 | -.358 | 140 | 272 | -.184 | .164 | .401 | -1.137 | 140 | 522 | -.506 | .169 | .036 | -1.076 |
| 140 | 203 | .106 | .151 | .669 | -.412 | 140 | 273 | -.168 | .135 | .298 | -.753 | 140 | 523 | -.583 | .165 | .154 | -1.202 |
| 140 | 204 | .050 | .131 | .348 | -.457 | 140 | 274 | -.193 | .149 | .231 | -.885 | 140 | 524 | -.439 | .176 | .101 | -1.022 |
| 140 | 205 | .173 | .134 | .323 | -.742 | 140 | 275 | -.192 | .141 | .146 | -.837 | 140 | 525 | -.199 | .174 | .388 | -1.673 |
| 140 | 206 | .344 | .171 | .124 | -1.301 | 140 | 276 | -.166 | .144 | .263 | -.995 | 140 | 526 | -.202 | .378 | .932 | -1.835 |
| 140 | 207 | .329 | .159 | .116 | -1.174 | 140 | 277 | -.144 | .118 | .180 | -.682 | 140 | 527 | -.436 | .505 | .701 | -2.358 |
| 140 | 208 | .310 | .143 | .175 | -1.115 | 140 | 278 | -.170 | .116 | .190 | -.615 | 140 | 528 | -.362 | .149 | .071 | -1.132 |
| 140 | 209 | .338 | .167 | .118 | -1.112 | 140 | 279 | -.212 | .122 | .178 | -.809 | 140 | 529 | -.422 | .156 | .071 | -1.189 |
| 140 | 210 | .291 | .180 | .360 | -.963 | 140 | 280 | -.002 | .122 | .474 | -.437 | 140 | 530 | -.526 | .157 | .026 | -1.229 |
| 140 | 211 | .309 | .200 | .483 | -1.263 | 140 | 281 | .004 | .126 | .436 | -.530 | 140 | 531 | -.593 | .163 | .026 | -1.243 |
| 140 | 212 | .279 | .186 | .473 | -.976 | 140 | 282 | .071 | .159 | .884 | -.371 | 140 | 532 | -.629 | .174 | .183 | -1.255 |
| 140 | 213 | .266 | .167 | .275 | -1.066 | 140 | 283 | .071 | .127 | .498 | -.335 | 140 | 533 | -.500 | .170 | .029 | -1.085 |
| 140 | 214 | .285 | .171 | .214 | -1.456 | 140 | 284 | -.011 | .101 | .319 | -.342 | 140 | 534 | -.251 | .197 | .425 | -1.161 |
| 140 | 215 | .309 | .156 | .235 | -.886 | 140 | 285 | -.034 | .096 | .295 | -.324 | 140 | 535 | -.261 | .387 | .610 | -1.605 |
| 140 | 216 | .316 | .158 | .161 | -1.118 | 140 | 286 | -.149 | .120 | .225 | -.747 | 140 | 536 | -.375 | .469 | .890 | -2.131 |
| 140 | 217 | .324 | .143 | .054 | -.870 | 140 | 287 | -.079 | .108 | .334 | -.447 | 140 | 537 | -.218 | .146 | .166 | -1.135 |
| 140 | 218 | .362 | .134 | .016 | -.917 | 140 | 288 | -.071 | .101 | .233 | -.446 | 140 | 538 | -.207 | .146 | .199 | -.838 |
| 140 | 219 | .345 | .155 | .058 | -1.069 | 140 | 289 | -.077 | .104 | .348 | -.485 | 140 | 539 | -.245 | .147 | .304 | -.971 |
| 140 | 220 | .046 | .191 | .618 | -.803 | 140 | 290 | -.087 | .109 | .282 | -.510 | 140 | 540 | -.335 | .147 | .096 | -.987 |
| 140 | 221 | .010 | .204 | .861 | -.615 | 140 | 291 | -.103 | .112 | .405 | -.596 | 140 | 541 | -.357 | .148 | .016 | -1.056 |
| 140 | 222 | .078 | .142 | .572 | -.527 | 140 | 292 | -.143 | .108 | .272 | -.667 | 140 | 542 | -.305 | .162 | .147 | -1.093 |
| 140 | 223 | .043 | .121 | .493 | -.464 | 140 | 293 | -.196 | .113 | .192 | -.616 | 140 | 543 | -.152 | .178 | .513 | -1.452 |
| 140 | 224 | .057 | .114 | .368 | -.491 | 140 | 294 | -.225 | .105 | .077 | -.679 | 140 | 544 | -.208 | .377 | .953 | -2.561 |
| 140 | 225 | .142 | .116 | .238 | -.632 | 140 | 295 | -.272 | .106 | .074 | -.636 | 140 | 545 | -.312 | .362 | .733 | -1.555 |
| 140 | 226 | .318 | .168 | .129 | -1.153 | 140 | 296 | -.325 | .118 | .070 | -.807 | 140 | 546 | -.131 | .121 | .298 | -.641 |
| 140 | 227 | .315 | .166 | .161 | -1.165 | 140 | 297 | -.244 | .102 | .111 | -.604 | 140 | 547 | -.135 | .121 | .217 | -.720 |
| 140 | 228 | .296 | .164 | .131 | -1.077 | 140 | 298 | -.177 | .106 | .162 | -.545 | 140 | 548 | -.170 | .123 | .198 | -.757 |
| 140 | 229 | .296 | .167 | .234 | -.165 | 140 | 299 | -.130 | .098 | .231 | -.489 | 140 | 549 | -.195 | .130 | .253 | -.636 |
| 140 | 230 | .199 | .176 | .530 | -.853 | 140 | 401 | -.433 | .185 | 1.178 | -.369 | 140 | 550 | -.250 | .120 | .135 | -.687 |
| 140 | 231 | .175 | .192 | .578 | -1.025 | 140 | 463 | -.079 | .109 | .228 | -.454 | 140 | 551 | -.193 | .129 | .202 | -.662 |
| 140 | 232 | .192 | .151 | .271 | -.895 | 140 | 501 | -.244 | .136 | .182 | -1.091 | 140 | 552 | -.108 | .166 | .497 | -1.110 |
| 140 | 233 | .188 | .152 | .357 | -.809 | 140 | 502 | -.313 | .151 | .150 | -.822 | 140 | 553 | -.153 | .302 | .649 | -1.531 |
| 140 | 234 | .201 | .146 | .231 | -.971 | 140 | 503 | -.441 | .205 | .138 | -1.302 | 140 | 554 | -.187 | .287 | .616 | -1.494 |
| 140 | 235 | .216 | .157 | .284 | -.862 | 140 | 504 | -.333 | .221 | .019 | -1.455 | 140 | 555 | -.086 | .094 | .181 | -.415 |
| 140 | 236 | .183 | .149 | .247 | -1.488 | 140 | 505 | -.386 | .139 | .069 | -.953 | 140 | 556 | -.083 | .103 | .217 | -.424 |
| 140 | 237 | .161 | .121 | .274 | -.762 | 140 | 506 | -.281 | .115 | .050 | -.655 | 140 | 557 | -.091 | .105 | .293 | -.506 |
| 140 | 238 | .201 | .148 | .199 | -.744 | 140 | 507 | -.188 | .138 | .387 | -.703 | 140 | 558 | -.131 | .117 | .231 | -.627 |
| 140 | 239 | .213 | .162 | .214 | -.910 | 140 | 508 | -.177 | .265 | .432 | -1.287 | 140 | 559 | -.161 | .113 | .201 | -.526 |
| 140 | 260 | .057 | .170 | .557 | -.677 | 140 | 510 | -.220 | .130 | .209 | -.693 | 140 | 569 | -.122 | .108 | .241 | -.485 |
| 140 | 261 | .037 | .170 | .618 | -.621 | 140 | 511 | -.247 | .137 | .213 | -.753 | 140 | 570 | -.025 | .130 | .580 | -.626 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 140 | 571 | -019 | 197 | 648 | 787 | 140 | 938 | -066 | 114 | 357 | -476 | 150 | 166 | -233 | 112 | 168 | -647 |
| 140 | 572 | -073 | 236 | 540 | -896 | 140 | 939 | -059 | 111 | 343 | -440 | 150 | 167 | -253 | 117 | 092 | -701 |
| 140 | 573 | -074 | 100 | 231 | -454 | 140 | 940 | -021 | 123 | 498 | -412 | 150 | 168 | -287 | 114 | 083 | -688 |
| 140 | 574 | -086 | 117 | 314 | -567 | 140 | 941 | -057 | 114 | 319 | -569 | 150 | 169 | -319 | 125 | 012 | -834 |
| 140 | 575 | -047 | 104 | 292 | -387 | 140 | 942 | -076 | 103 | 253 | -507 | 150 | 170 | -354 | 117 | 035 | -769 |
| 140 | 576 | -049 | 099 | 322 | -391 | 140 | 943 | -060 | 117 | 460 | -435 | 150 | 171 | -349 | 143 | 108 | -1293 |
| 140 | 577 | -048 | 094 | 246 | -342 | 140 | 944 | -153 | 117 | 218 | -582 | 150 | 172 | -323 | 127 | 092 | -1006 |
| 140 | 578 | -055 | 101 | 334 | -391 | 140 | 945 | -143 | 111 | 300 | -502 | 150 | 173 | -303 | 132 | 234 | -967 |
| 140 | 579 | -082 | 097 | 214 | -430 | 140 | 946 | -174 | 103 | 156 | -523 | 150 | 174 | -263 | 127 | 119 | -1032 |
| 140 | 580 | -074 | 097 | 249 | -396 | 140 | 947 | -143 | 120 | 229 | -548 | 150 | 175 | -214 | 113 | 157 | -798 |
| 140 | 581 | -109 | 092 | 199 | -425 | 140 | 948 | -129 | 113 | 255 | -499 | 150 | 176 | -199 | 106 | 199 | -667 |
| 140 | 582 | -132 | 093 | 217 | -490 | 140 | 949 | -143 | 117 | 229 | -737 | 150 | 177 | -182 | 103 | 168 | -626 |
| 140 | 584 | -158 | 102 | 214 | -523 | 140 | 950 | -101 | 113 | 236 | -722 | 150 | 178 | -181 | 104 | 231 | -604 |
| 140 | 585 | -162 | 123 | 337 | -857 | 140 | 951 | -038 | 107 | 369 | -360 | 150 | 179 | -189 | 112 | 181 | -745 |
| 140 | 901 | -073 | 228 | -073 | -1581 | 140 | 952 | -043 | 120 | 465 | -490 | 150 | 180 | -101 | 225 | 836 | -886 |
| 140 | 902 | -470 | 154 | 009 | -923 | 140 | 953 | -072 | 122 | 430 | -485 | 150 | 181 | -052 | 271 | 886 | -907 |
| 140 | 903 | -268 | 127 | 140 | -675 | 140 | 954 | -051 | 101 | 305 | -387 | 150 | 182 | -145 | 181 | 722 | -594 |
| 140 | 904 | -172 | 120 | 213 | -568 | 140 | 955 | -019 | 127 | 489 | -426 | 150 | 183 | -034 | 120 | 487 | -336 |
| 140 | 905 | -023 | 112 | 329 | -427 | 140 | 956 | -013 | 122 | 515 | -384 | 150 | 184 | -077 | 109 | 262 | -537 |
| 140 | 906 | -633 | 190 | -029 | -1349 | 140 | 957 | -009 | 121 | 470 | -408 | 150 | 185 | -168 | 113 | 276 | -532 |
| 140 | 907 | -202 | 156 | 348 | -798 | 140 | 958 | -020 | 112 | 390 | -427 | 150 | 186 | -240 | 124 | 184 | -743 |
| 140 | 908 | -166 | 110 | 220 | -552 | 140 | 959 | -063 | 116 | 356 | -644 | 150 | 187 | -243 | 126 | 108 | -1077 |
| 140 | 909 | -025 | 126 | 388 | -508 | 140 | 960 | -055 | 112 | 293 | -544 | 150 | 188 | -262 | 124 | 100 | -722 |
| 140 | 910 | -190 | 137 | 273 | -760 | 140 | 961 | -073 | 103 | 316 | -413 | 150 | 189 | -243 | 123 | 097 | -735 |
| 140 | 911 | -393 | 188 | 327 | -1081 | 140 | 962 | -042 | 104 | 322 | -360 | 150 | 190 | -253 | 124 | 160 | -831 |
| 140 | 912 | -156 | 124 | 325 | -574 | 150 | 140 | -044 | 255 | 817 | -946 | 150 | 191 | -266 | 192 | 272 | -1023 |
| 140 | 913 | -030 | 151 | 594 | -468 | 150 | 141 | -174 | 190 | 813 | -511 | 150 | 192 | -302 | 147 | 262 | -951 |
| 140 | 914 | -075 | 180 | 993 | -526 | 150 | 142 | -143 | 132 | 614 | -287 | 150 | 193 | -285 | 161 | 199 | -1325 |
| 140 | 915 | -357 | 163 | 324 | -121 | 150 | 143 | -054 | 115 | 439 | -285 | 150 | 194 | -261 | 150 | 173 | -993 |
| 140 | 916 | -237 | 143 | 250 | -797 | 150 | 144 | -116 | 164 | 337 | -728 | 150 | 195 | -261 | 145 | 153 | -1109 |
| 140 | 917 | -089 | 113 | 273 | -496 | 150 | 145 | -254 | 114 | 147 | -641 | 150 | 196 | -228 | 155 | 286 | -1140 |
| 140 | 919 | -320 | 133 | 133 | -795 | 150 | 146 | -242 | 121 | 174 | -726 | 150 | 197 | -204 | 113 | 184 | -566 |
| 140 | 920 | -066 | 159 | 774 | -443 | 150 | 147 | -241 | 116 | 134 | -667 | 150 | 198 | -197 | 132 | 262 | -696 |
| 140 | 921 | -401 | 147 | 063 | -936 | 150 | 149 | -268 | 117 | 132 | -1000 | 150 | 199 | -197 | 124 | 191 | -818 |
| 140 | 922 | -397 | 164 | 145 | -984 | 150 | 150 | -275 | 148 | 384 | -862 | 150 | 200 | -154 | 229 | 900 | -1202 |
| 140 | 923 | -161 | 150 | 373 | -632 | 150 | 151 | -274 | 125 | 090 | -1060 | 150 | 202 | -063 | 169 | 620 | -686 |
| 140 | 924 | -067 | 157 | 455 | -657 | 150 | 152 | -256 | 131 | 267 | -847 | 150 | 203 | -007 | 126 | 575 | -492 |
| 140 | 925 | -121 | 122 | 258 | -659 | 150 | 153 | -243 | 125 | 184 | -899 | 150 | 204 | -104 | 113 | 330 | -524 |
| 140 | 926 | -001 | 126 | 516 | -387 | 150 | 154 | -206 | 117 | 277 | -799 | 150 | 205 | -186 | 122 | 254 | -779 |
| 140 | 927 | -322 | 139 | 093 | -881 | 150 | 155 | -196 | 108 | 200 | -706 | 150 | 206 | -276 | 145 | 132 | -1028 |
| 140 | 928 | -325 | 135 | 149 | -851 | 150 | 156 | -183 | 102 | 144 | -542 | 150 | 207 | -289 | 146 | 118 | -1126 |
| 140 | 929 | -273 | 134 | 369 | -718 | 150 | 157 | -171 | 097 | 131 | -530 | 150 | 208 | -272 | 143 | 110 | -983 |
| 140 | 930 | -138 | 138 | 305 | -694 | 150 | 158 | -174 | 113 | 202 | -577 | 150 | 209 | -286 | 143 | 114 | -853 |
| 140 | 931 | -017 | 104 | 340 | -337 | 150 | 159 | -172 | 110 | 205 | -534 | 150 | 210 | -269 | 141 | 437 | -756 |
| 140 | 932 | -107 | 123 | 298 | -622 | 150 | 160 | -036 | 258 | 783 | -816 | 150 | 211 | -278 | 158 | 442 | -1098 |
| 140 | 933 | -006 | 121 | 362 | -496 | 150 | 161 | -020 | 309 | 806 | -993 | 150 | 212 | -273 | 162 | 382 | -1105 |
| 140 | 934 | -006 | 120 | 518 | -451 | 150 | 162 | -172 | 151 | 701 | -499 | 150 | 213 | -260 | 153 | 179 | -1053 |
| 140 | 935 | -076 | 118 | 335 | -470 | 150 | 163 | -067 | 132 | 650 | -360 | 150 | 214 | -277 | 153 | 273 | -952 |
| 140 | 936 | -040 | 107 | 338 | -452 | 150 | 164 | -074 | 106 | 288 | -423 | 150 | 215 | -306 | 143 | 126 | -892 |
| 140 | 937 | -042 | 103 | 399 | -372 | 150 | 165 | -180 | 113 | 200 | -577 | 150 | 216 | -310 | 143 | 105 | -866 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 150 | 217 | -.299 | .107 | .088 | -.699 | 150 | 287 | -.115 | .105 | .265 | -.449 | 150 | 537 | -.270 | .160 | .142 | -1.016 |
| 150 | 218 | -.376 | .123 | -.039 | -1.069 | 150 | 288 | -.169 | .120 | .369 | -.535 | 150 | 538 | -.294 | .159 | .240 | -.992 |
| 150 | 219 | -.354 | .137 | .091 | -.959 | 150 | 289 | -.121 | .108 | .234 | -.496 | 150 | 539 | -.378 | .146 | .103 | -.883 |
| 150 | 220 | -.276 | .164 | .319 | -.892 | 150 | 290 | -.121 | .114 | .299 | -.533 | 150 | 540 | -.454 | .177 | .013 | -1.123 |
| 150 | 221 | -.262 | .173 | .532 | -1.001 | 150 | 291 | -.137 | .115 | .232 | -.560 | 150 | 541 | -.446 | .156 | .036 | -1.023 |
| 150 | 222 | -.067 | .179 | .485 | -.639 | 150 | 292 | -.183 | .111 | .139 | -.597 | 150 | 542 | -.215 | .152 | .226 | -.768 |
| 150 | 223 | -.041 | .121 | .437 | -.459 | 150 | 293 | -.219 | .110 | .132 | -.572 | 150 | 543 | .077 | .172 | .612 | -.580 |
| 150 | 224 | -.107 | .116 | .327 | -.500 | 150 | 294 | -.266 | .110 | .109 | -.703 | 150 | 544 | .170 | .249 | .891 | -1.251 |
| 150 | 225 | -.169 | .126 | .298 | -.601 | 150 | 295 | -.307 | .106 | -.000 | -.727 | 150 | 545 | -.164 | .315 | .912 | -1.271 |
| 150 | 226 | -.257 | .142 | .183 | -.884 | 150 | 296 | -.356 | .124 | .133 | -.985 | 150 | 546 | -.219 | .156 | .231 | -.950 |
| 150 | 227 | -.265 | .160 | .186 | -1.069 | 150 | 297 | -.296 | .128 | .093 | -.909 | 150 | 547 | -.223 | .136 | .209 | -.773 |
| 150 | 228 | -.272 | .168 | .175 | -1.196 | 150 | 298 | -.231 | .119 | .125 | -.728 | 150 | 548 | -.281 | .147 | .136 | -.913 |
| 150 | 229 | -.274 | .173 | .189 | -1.161 | 150 | 299 | -.178 | .115 | .186 | -.621 | 150 | 549 | -.362 | .172 | .123 | -1.052 |
| 150 | 230 | -.230 | .165 | .353 | -1.035 | 150 | 401 | -.363 | .192 | 1.121 | .367 | 150 | 550 | -.318 | .146 | .214 | -.863 |
| 150 | 231 | -.218 | .189 | .524 | -1.296 | 150 | 463 | -.112 | .103 | .191 | -.457 | 150 | 551 | -.143 | .120 | .295 | -.563 |
| 150 | 232 | -.202 | .160 | .456 | -.978 | 150 | 501 | -.249 | .127 | .135 | -.895 | 150 | 552 | .080 | .161 | .694 | -.532 |
| 150 | 233 | -.219 | .165 | .212 | -1.010 | 150 | 502 | -.300 | .133 | .159 | -.811 | 150 | 553 | .191 | .210 | .931 | -.908 |
| 150 | 234 | -.210 | .159 | .211 | -1.112 | 150 | 503 | -.416 | .184 | .086 | -.035 | 150 | 554 | .176 | .258 | .919 | -1.139 |
| 150 | 235 | -.192 | .145 | .236 | -.763 | 150 | 504 | -.422 | .161 | -.053 | -.519 | 150 | 555 | .135 | .121 | .254 | -.645 |
| 150 | 236 | -.181 | .138 | .234 | -.836 | 150 | 505 | -.335 | .124 | .086 | -.780 | 150 | 556 | .152 | .138 | .254 | -.626 |
| 150 | 237 | -.158 | .118 | .189 | -.644 | 150 | 506 | -.176 | .136 | .223 | -.610 | 150 | 557 | .190 | .129 | .218 | -.822 |
| 150 | 238 | -.175 | .123 | .164 | -.689 | 150 | 507 | -.041 | .163 | .528 | -.604 | 150 | 558 | -.263 | .136 | .193 | -.821 |
| 150 | 239 | -.184 | .156 | .250 | -.940 | 150 | 508 | -.097 | .210 | .871 | -.672 | 150 | 559 | -.257 | .138 | .331 | -.747 |
| 150 | 260 | -.226 | .158 | .237 | -.843 | 150 | 510 | -.251 | .132 | .299 | -.744 | 150 | 560 | -.097 | .126 | .439 | -.487 |
| 150 | 261 | -.203 | .164 | .713 | -.737 | 150 | 511 | -.301 | .131 | .265 | -.764 | 150 | 569 | .081 | .146 | .670 | -.437 |
| 150 | 262 | -.030 | .126 | .425 | -.515 | 150 | 512 | -.416 | .151 | .107 | -.931 | 150 | 570 | .169 | .172 | .847 | -.449 |
| 150 | 263 | -.049 | .123 | .358 | -.435 | 150 | 513 | -.494 | .143 | -.102 | -.018 | 150 | 572 | -.171 | .208 | 1.041 | -1.083 |
| 150 | 264 | -.113 | .113 | .322 | -.476 | 150 | 514 | -.476 | .159 | .009 | -.959 | 150 | 573 | -.127 | .114 | .249 | -.498 |
| 150 | 265 | -.161 | .124 | .305 | -.687 | 150 | 515 | -.237 | .157 | .315 | -.750 | 150 | 574 | -.100 | .118 | .330 | -.434 |
| 150 | 266 | -.210 | .147 | .195 | -.857 | 150 | 516 | -.060 | .191 | .708 | -.482 | 150 | 575 | -.050 | .113 | .332 | -.463 |
| 150 | 267 | -.245 | .166 | .198 | -1.041 | 150 | 517 | -.318 | .249 | .981 | -.035 | 150 | 576 | -.098 | .109 | .232 | -.448 |
| 150 | 268 | -.236 | .165 | .353 | -1.624 | 150 | 518 | -.308 | .345 | 1.115 | -.229 | 150 | 577 | -.090 | .108 | .318 | -.513 |
| 150 | 269 | -.208 | .139 | .231 | -.781 | 150 | 519 | -.246 | .153 | .296 | -.866 | 150 | 578 | -.102 | .105 | .259 | -.480 |
| 150 | 270 | -.200 | .148 | .406 | -1.032 | 150 | 520 | -.295 | .158 | .174 | -.964 | 150 | 579 | -.118 | .119 | .299 | -.507 |
| 150 | 271 | -.182 | .146 | .329 | -.867 | 150 | 521 | -.431 | .165 | .115 | -.074 | 150 | 580 | -.100 | .105 | .207 | -.443 |
| 150 | 272 | -.162 | .140 | .329 | -.771 | 150 | 522 | -.509 | .152 | -.003 | -.003 | 150 | 581 | -.141 | .103 | .201 | -.437 |
| 150 | 273 | -.164 | .126 | .246 | -.785 | 150 | 523 | -.547 | .165 | -.013 | -.159 | 150 | 582 | -.147 | .108 | .214 | -.582 |
| 150 | 274 | -.158 | .128 | .187 | -.697 | 150 | 524 | -.285 | .171 | .271 | -.872 | 150 | 584 | -.126 | .118 | .298 | -.554 |
| 150 | 275 | -.149 | .128 | .198 | -.723 | 150 | 525 | -.030 | .194 | .779 | -.557 | 150 | 585 | -.102 | .141 | .472 | -.555 |
| 150 | 276 | -.140 | .119 | .231 | -.568 | 150 | 526 | -.220 | .265 | .963 | -.195 | 150 | 901 | -.787 | .231 | -.080 | -1.634 |
| 150 | 277 | -.128 | .120 | .231 | -.515 | 150 | 527 | -.171 | .377 | 1.112 | -.700 | 150 | 902 | -.492 | .133 | -.037 | -.972 |
| 150 | 278 | -.153 | .119 | .184 | -.632 | 150 | 528 | -.400 | .146 | -.011 | -.895 | 150 | 903 | -.324 | .125 | .114 | -.847 |
| 150 | 279 | -.151 | .130 | .212 | -.712 | 150 | 529 | -.486 | .161 | -.038 | -.240 | 150 | 904 | -.183 | .109 | .193 | -.548 |
| 150 | 280 | -.082 | .122 | .326 | -.646 | 150 | 530 | -.646 | .162 | -.077 | -.152 | 150 | 905 | -.026 | .123 | .389 | -.490 |
| 150 | 281 | -.122 | .140 | .479 | -.636 | 150 | 531 | -.693 | .155 | -.273 | -.257 | 150 | 906 | -.624 | .182 | -.113 | -1.250 |
| 150 | 282 | -.054 | .146 | .586 | -.501 | 150 | 532 | -.643 | .174 | -.118 | -.294 | 150 | 907 | -.197 | .147 | .245 | -.067 |
| 150 | 283 | -.017 | .125 | .427 | -.449 | 150 | 533 | -.358 | .160 | -.165 | -.919 | 150 | 908 | -.160 | .102 | .216 | -.645 |
| 150 | 284 | -.069 | .106 | .304 | -.440 | 150 | 534 | -.622 | .174 | .525 | -.600 | 150 | 909 | -.005 | .113 | .374 | -.409 |
| 150 | 285 | -.086 | .108 | .280 | -.504 | 150 | 535 | -.170 | .284 | .945 | -.129 | 150 | 910 | -.158 | .108 | .191 | -.614 |
| 150 | 286 | -.172 | .131 | .192 | -.696 | 150 | 536 | -.221 | .360 | 1.242 | -.425 | 150 | 911 | -.286 | .169 | .235 | -1.054 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 150 | 912 | -161 | 102 | 221 | -535 | 160 | 140 | -304 | 254 | 566 | -1266 | 160 | 191 | -207 | 118 | 154 | -1038 |
| 150 | 913 | -036 | 126 | 462 | -495 | 160 | 141 | -071 | 174 | 529 | -625 | 160 | 192 | -211 | 109 | 116 | -706 |
| 150 | 914 | -099 | 139 | 742 | -661 | 160 | 142 | -015 | 138 | 446 | -496 | 160 | 193 | -216 | 112 | 146 | -658 |
| 150 | 915 | -272 | 153 | 242 | -839 | 160 | 143 | -031 | 119 | 340 | -433 | 160 | 194 | -200 | 113 | 172 | -615 |
| 150 | 916 | -213 | 124 | 213 | -669 | 160 | 144 | -140 | 112 | 193 | -513 | 160 | 195 | -201 | 111 | 184 | -592 |
| 150 | 917 | -143 | 124 | 225 | -621 | 160 | 145 | -227 | 112 | 109 | -754 | 160 | 196 | -191 | 103 | 171 | -529 |
| 150 | 919 | -272 | 125 | 188 | -833 | 160 | 146 | -213 | 107 | 120 | -662 | 160 | 197 | -182 | 111 | 209 | -539 |
| 150 | 920 | -029 | 118 | 623 | -477 | 160 | 147 | -208 | 110 | 200 | -557 | 160 | 198 | -181 | 104 | 179 | -511 |
| 150 | 921 | -354 | 181 | 200 | -1051 | 160 | 149 | -227 | 110 | 193 | -569 | 160 | 199 | -192 | 108 | 189 | -523 |
| 150 | 922 | -374 | 159 | 159 | -986 | 160 | 150 | -227 | 109 | 105 | -579 | 160 | 200 | -354 | 209 | 346 | -1190 |
| 150 | 923 | -120 | 126 | 358 | -541 | 160 | 151 | -222 | 117 | 180 | -638 | 160 | 202 | -041 | 191 | 547 | -661 |
| 150 | 924 | -032 | 135 | 465 | -446 | 160 | 152 | -211 | 106 | 133 | -678 | 160 | 203 | -036 | 116 | 422 | -452 |
| 150 | 925 | -130 | 123 | 209 | -584 | 160 | 153 | -226 | 111 | 163 | -614 | 160 | 204 | -117 | 107 | 261 | -513 |
| 150 | 926 | -064 | 143 | 559 | -341 | 160 | 154 | -192 | 108 | 163 | -622 | 160 | 205 | -161 | 111 | 228 | -521 |
| 150 | 927 | -297 | 126 | 132 | -716 | 160 | 155 | -178 | 100 | 155 | -562 | 160 | 206 | -206 | 116 | 215 | -746 |
| 150 | 928 | -286 | 128 | 069 | -703 | 160 | 156 | -167 | 089 | 153 | -441 | 160 | 207 | -213 | 117 | 105 | -1039 |
| 150 | 929 | -222 | 134 | 324 | -695 | 160 | 157 | -172 | 094 | 151 | -488 | 160 | 208 | -205 | 115 | 212 | -642 |
| 150 | 930 | -126 | 118 | 334 | -726 | 160 | 158 | -172 | 109 | 255 | -524 | 160 | 209 | -215 | 104 | 163 | -595 |
| 150 | 931 | -066 | 104 | 408 | -436 | 160 | 159 | -175 | 111 | 230 | -546 | 160 | 210 | -218 | 108 | 156 | -665 |
| 150 | 932 | -136 | 123 | 255 | -810 | 160 | 160 | -338 | 266 | 413 | -1369 | 160 | 211 | -223 | 124 | 118 | -1340 |
| 150 | 933 | -040 | 112 | 429 | -457 | 160 | 161 | -280 | 258 | 630 | -1006 | 160 | 212 | -236 | 123 | 110 | -772 |
| 150 | 934 | -045 | 109 | 300 | -454 | 160 | 162 | -019 | 176 | 569 | -778 | 160 | 213 | -247 | 123 | 134 | -934 |
| 150 | 935 | -125 | 115 | 263 | -707 | 160 | 163 | -020 | 122 | 425 | -488 | 160 | 214 | -254 | 113 | 088 | -739 |
| 150 | 936 | -085 | 122 | 237 | -582 | 160 | 164 | -111 | 105 | 221 | -474 | 160 | 215 | -274 | 119 | 058 | -721 |
| 150 | 937 | -082 | 110 | 424 | -446 | 160 | 165 | -176 | 104 | 120 | -537 | 160 | 216 | -296 | 111 | 017 | -818 |
| 150 | 938 | -114 | 136 | 264 | -744 | 160 | 166 | -212 | 108 | 155 | -605 | 160 | 217 | -316 | 102 | 002 | -726 |
| 150 | 939 | -104 | 107 | 251 | -530 | 160 | 167 | -229 | 198 | 150 | -623 | 160 | 218 | -364 | 104 | 003 | -838 |
| 150 | 940 | -044 | 119 | 463 | -425 | 160 | 168 | -261 | 115 | 133 | -753 | 160 | 219 | -326 | 118 | 072 | -933 |
| 150 | 941 | -092 | 105 | 208 | -462 | 160 | 169 | -292 | 109 | 027 | -686 | 160 | 220 | -377 | 149 | 252 | -843 |
| 150 | 942 | -130 | 105 | 277 | -524 | 160 | 170 | -329 | 102 | 032 | -678 | 160 | 221 | -391 | 171 | 467 | -1038 |
| 150 | 943 | -083 | 122 | 337 | -634 | 160 | 171 | -329 | 104 | 027 | -680 | 160 | 222 | -153 | 183 | 440 | -695 |
| 150 | 944 | -174 | 116 | 193 | -705 | 160 | 172 | -301 | 106 | 030 | -688 | 160 | 223 | -067 | 112 | 292 | -511 |
| 150 | 945 | -153 | 110 | 174 | -504 | 160 | 173 | -267 | 108 | 118 | -767 | 160 | 224 | -122 | 119 | 268 | -525 |
| 150 | 946 | -203 | 102 | 196 | -580 | 160 | 174 | -232 | 105 | 085 | -625 | 160 | 225 | -170 | 112 | 245 | -580 |
| 150 | 947 | -153 | 108 | 205 | -589 | 160 | 175 | -199 | 104 | 151 | -618 | 160 | 226 | -213 | 119 | 118 | -638 |
| 150 | 948 | -157 | 104 | 186 | -551 | 160 | 176 | -189 | 104 | 144 | -539 | 160 | 227 | -226 | 122 | 187 | -903 |
| 150 | 949 | -187 | 123 | 254 | -652 | 160 | 177 | -177 | 100 | 238 | -571 | 160 | 228 | -232 | 124 | 202 | -806 |
| 150 | 950 | -137 | 111 | 286 | -743 | 160 | 178 | -170 | 103 | 222 | -498 | 160 | 229 | -223 | 117 | 147 | -836 |
| 150 | 951 | -053 | 111 | 330 | -735 | 160 | 179 | -188 | 105 | 161 | -584 | 160 | 230 | -220 | 115 | 128 | -695 |
| 150 | 952 | -069 | 111 | 368 | -547 | 160 | 180 | -347 | 237 | 469 | -1383 | 160 | 231 | -242 | 134 | 218 | -884 |
| 150 | 953 | -099 | 108 | 232 | -631 | 160 | 181 | -321 | 232 | 828 | -1000 | 160 | 232 | -235 | 129 | 202 | -821 |
| 150 | 954 | -069 | 104 | 285 | -417 | 160 | 182 | -005 | 208 | 696 | -696 | 160 | 233 | -238 | 126 | 183 | -790 |
| 150 | 955 | -022 | 116 | 322 | -470 | 160 | 183 | -018 | 123 | 493 | -410 | 160 | 234 | -222 | 126 | 330 | -625 |
| 150 | 956 | -032 | 103 | 303 | -358 | 160 | 184 | -104 | 111 | 382 | -470 | 160 | 235 | -222 | 123 | 103 | -711 |
| 150 | 957 | -039 | 089 | 259 | -337 | 160 | 185 | -161 | 105 | 184 | -590 | 160 | 236 | -203 | 119 | 277 | -598 |
| 150 | 958 | -043 | 108 | 400 | -491 | 160 | 186 | -206 | 110 | 126 | -607 | 160 | 237 | -206 | 118 | 142 | -533 |
| 150 | 959 | -130 | 125 | 213 | -782 | 160 | 187 | -200 | 109 | 108 | -585 | 160 | 238 | -210 | 117 | 143 | -650 |
| 150 | 960 | -124 | 113 | 238 | -802 | 160 | 188 | -195 | 107 | 190 | -602 | 160 | 239 | -214 | 127 | 142 | -716 |
| 150 | 961 | -106 | 119 | 244 | -689 | 160 | 189 | -195 | 105 | 138 | -567 | 160 | 260 | -289 | 149 | 298 | -894 |
| 150 | 962 | -071 | 106 | 285 | -534 | 160 | 190 | -204 | 108 | 181 | -718 | 160 | 261 | -297 | 159 | 412 | -856 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 262 | .071 | .138 | .363 | -.636 | 160 | 512 | -.351 | .134 | -.052 | -.967 | 160 | 571 | .292 | .154 | .767 | -.157 |
| 160 | 263 | -.076 | .115 | .263 | -.528 | 160 | 513 | -.431 | .147 | -.040 | -.978 | 160 | 572 | .333 | .182 | .958 | -.555 |
| 160 | 264 | -.135 | .106 | .233 | -.496 | 160 | 514 | -.340 | .154 | -.221 | -.827 | 160 | 573 | -.186 | .113 | .214 | -.633 |
| 160 | 265 | -.163 | .112 | .190 | -.540 | 160 | 515 | -.036 | .165 | .533 | -.663 | 160 | 574 | -.121 | .114 | .267 | -.653 |
| 160 | 266 | -.199 | .125 | .245 | -.810 | 160 | 516 | .305 | .187 | 1.033 | -.295 | 160 | 575 | -.042 | .118 | .399 | -.603 |
| 160 | 267 | -.232 | .144 | .203 | -.958 | 160 | 517 | .523 | .212 | 1.317 | -.347 | 160 | 576 | -.173 | .112 | .155 | -.578 |
| 160 | 268 | -.204 | .126 | .193 | -.806 | 160 | 518 | .536 | .215 | 1.231 | -.573 | 160 | 577 | -.171 | .111 | .209 | -.551 |
| 160 | 269 | -.217 | .119 | .122 | -.643 | 160 | 519 | -.260 | .132 | .159 | -.792 | 160 | 578 | -.171 | .112 | .241 | -.525 |
| 160 | 270 | -.224 | .118 | .185 | -.666 | 160 | 520 | -.307 | .144 | .124 | -.876 | 160 | 579 | -.175 | .100 | .179 | -.536 |
| 160 | 271 | -.225 | .123 | .148 | -.665 | 160 | 521 | -.365 | .129 | .047 | -.861 | 160 | 580 | -.113 | .108 | .214 | -.508 |
| 160 | 272 | -.239 | .121 | .192 | -.721 | 160 | 522 | -.469 | .147 | -.032 | -.975 | 160 | 581 | -.160 | .117 | .261 | -.535 |
| 160 | 273 | -.242 | .127 | .143 | -.818 | 160 | 523 | -.420 | .164 | .057 | -.124 | 160 | 582 | -.141 | .107 | .252 | -.491 |
| 160 | 274 | -.207 | .114 | .252 | -.573 | 160 | 524 | -.071 | .166 | .531 | -.653 | 160 | 583 | -.112 | .114 | .374 | -.498 |
| 160 | 275 | -.211 | .115 | .180 | -.628 | 160 | 525 | .264 | .186 | 1.013 | -.280 | 160 | 584 | -.056 | .138 | .460 | -.484 |
| 160 | 276 | -.187 | .116 | .182 | -.643 | 160 | 526 | .476 | .198 | 1.057 | -.256 | 160 | 901 | -.844 | .195 | .185 | -1.936 |
| 160 | 277 | -.192 | .122 | .185 | -.670 | 160 | 527 | .463 | .207 | 1.208 | -.457 | 160 | 902 | -.529 | .136 | .007 | -.968 |
| 160 | 278 | -.238 | .134 | .178 | -.848 | 160 | 528 | -.401 | .130 | .025 | -.893 | 160 | 903 | -.399 | .127 | .089 | -.887 |
| 160 | 279 | -.265 | .147 | .200 | -.991 | 160 | 529 | .494 | .145 | .025 | -1.206 | 160 | 904 | -.282 | .132 | .152 | -1.008 |
| 160 | 280 | -.089 | .135 | .471 | -.526 | 160 | 530 | -.604 | .143 | -.166 | -1.137 | 160 | 905 | -.130 | .128 | .277 | -.811 |
| 160 | 281 | -.145 | .150 | .447 | -.556 | 160 | 531 | -.642 | .137 | -.185 | -1.268 | 160 | 906 | -.652 | .194 | .097 | -1.506 |
| 160 | 282 | -.082 | .162 | .613 | -.358 | 160 | 532 | -.515 | .135 | -.030 | -1.280 | 160 | 907 | -.364 | .207 | .122 | -1.146 |
| 160 | 283 | -.063 | .117 | .335 | -.489 | 160 | 533 | -.184 | .153 | .356 | -.625 | 160 | 908 | -.211 | .122 | .142 | -.747 |
| 160 | 284 | -.114 | .094 | .194 | -.404 | 160 | 534 | .210 | .179 | .794 | -.349 | 160 | 909 | -.080 | .129 | .373 | -.526 |
| 160 | 285 | -.137 | .108 | .258 | -.583 | 160 | 535 | .410 | .193 | 1.058 | -.944 | 160 | 910 | -.172 | .121 | .190 | -.713 |
| 160 | 286 | -.247 | .122 | .154 | -.703 | 160 | 536 | .485 | .209 | 1.123 | -.366 | 160 | 911 | -.201 | .132 | .312 | -.856 |
| 160 | 287 | -.163 | .120 | .186 | -.647 | 160 | 537 | -.283 | .142 | .109 | -.770 | 160 | 912 | -.173 | .109 | .282 | -.543 |
| 160 | 288 | -.173 | .117 | .206 | -.600 | 160 | 538 | -.332 | .145 | .144 | -.924 | 160 | 913 | -.016 | .153 | .541 | -.671 |
| 160 | 289 | -.180 | .123 | .206 | -.576 | 160 | 539 | -.388 | .147 | .045 | -.999 | 160 | 914 | -.174 | .160 | .608 | -.714 |
| 160 | 290 | -.177 | .114 | .169 | -.665 | 160 | 540 | -.467 | .147 | -.057 | -.927 | 160 | 915 | -.209 | .128 | .227 | -.846 |
| 160 | 291 | -.169 | .110 | .273 | -.526 | 160 | 541 | -.411 | .154 | -.003 | -.921 | 160 | 916 | -.212 | .113 | .117 | -.673 |
| 160 | 292 | -.242 | .122 | .167 | -.719 | 160 | 542 | -.102 | .144 | -.353 | -.677 | 160 | 917 | -.209 | .126 | .208 | -.614 |
| 160 | 293 | -.270 | .111 | .181 | -.625 | 160 | 543 | .231 | .160 | .816 | -.249 | 160 | 919 | -.226 | .116 | .229 | -.589 |
| 160 | 294 | -.302 | .116 | .111 | -.787 | 160 | 544 | .421 | .193 | 1.096 | -.540 | 160 | 920 | -.050 | .127 | .463 | -.462 |
| 160 | 295 | -.358 | .116 | .010 | -.807 | 160 | 545 | .445 | .199 | 1.210 | -.433 | 160 | 921 | -.298 | .140 | .122 | -.835 |
| 160 | 296 | -.398 | .120 | .068 | -.815 | 160 | 546 | -.290 | .133 | .157 | -.832 | 160 | 922 | -.208 | .175 | .323 | -.803 |
| 160 | 297 | -.380 | .128 | .002 | -.790 | 160 | 547 | -.311 | .138 | .181 | -.832 | 160 | 923 | -.092 | .116 | .280 | -.501 |
| 160 | 298 | -.322 | .109 | .038 | -.815 | 160 | 548 | -.385 | .133 | .013 | -.867 | 160 | 924 | -.064 | .132 | .478 | -.478 |
| 160 | 299 | -.268 | .124 | .107 | -.808 | 160 | 549 | -.426 | .143 | .037 | -.951 | 160 | 925 | -.200 | .117 | .214 | -.571 |
| 160 | 401 | -.177 | .266 | .980 | -.794 | 160 | 550 | -.337 | .152 | .050 | -.972 | 160 | 926 | -.107 | .102 | .213 | -.424 |
| 160 | 463 | -.195 | .110 | .171 | -.548 | 160 | 551 | -.078 | .128 | .374 | -.558 | 160 | 927 | -.235 | .121 | .206 | -.696 |
| 160 | 501 | -.233 | .125 | .229 | -.678 | 160 | 552 | -.194 | .149 | .762 | -.287 | 160 | 928 | -.235 | .112 | .160 | -.603 |
| 160 | 502 | -.282 | .131 | .176 | -.879 | 160 | 553 | .369 | .174 | 1.228 | -.154 | 160 | 929 | -.193 | .130 | .300 | -.628 |
| 160 | 503 | -.325 | .139 | .114 | -.864 | 160 | 554 | .365 | .185 | 1.103 | -.508 | 160 | 930 | -.190 | .114 | .193 | -.627 |
| 160 | 504 | -.350 | .128 | .074 | -.916 | 160 | 554 | -.274 | .132 | .232 | -.780 | 160 | 931 | -.112 | .102 | .269 | -.460 |
| 160 | 505 | -.263 | .115 | .116 | -.632 | 160 | 555 | -.271 | .133 | .157 | -.713 | 160 | 932 | -.214 | .119 | .183 | -.777 |
| 160 | 506 | -.072 | .143 | .518 | -.539 | 160 | 556 | -.298 | .131 | .080 | -.769 | 160 | 933 | -.118 | .130 | .287 | -.577 |
| 160 | 507 | -.078 | .153 | .586 | -.457 | 160 | 557 | -.327 | .136 | .130 | -.827 | 160 | 934 | -.072 | .110 | .321 | -.463 |
| 160 | 508 | -.290 | .194 | .965 | -.353 | 160 | 558 | -.257 | .147 | .179 | -.804 | 160 | 935 | -.211 | .138 | .265 | -.925 |
| 160 | 510 | -.249 | .124 | .152 | -.678 | 160 | 559 | -.081 | .128 | .373 | -.585 | 160 | 936 | -.153 | .147 | .259 | -1.041 |
| 160 | 511 | -.284 | .132 | .164 | -.799 | 160 | 570 | .150 | .129 | .588 | -.247 | 160 | 937 | -.139 | .113 | .290 | -.483 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 160 | 938 | -.243 | .137 | .256 | -.734 | 170 | 166 | -.208 | .113 | .159 | -.621 | 170 | 217 | -.340 | .111 | .107 | -.707 |
| 160 | 939 | -.175 | .106 | .275 | -.564 | 170 | 167 | -.221 | .104 | .154 | -.548 | 170 | 218 | -.354 | .102 | -.054 | -.716 |
| 160 | 940 | -.106 | .136 | .439 | -.660 | 170 | 168 | -.262 | .102 | .027 | -.624 | 170 | 219 | -.317 | .104 | -.020 | -.753 |
| 160 | 941 | -.139 | .102 | .203 | -.546 | 170 | 169 | -.287 | .107 | .067 | -.629 | 170 | 220 | -.489 | .167 | .040 | -1.261 |
| 160 | 942 | -.211 | .116 | .142 | -.607 | 170 | 170 | -.334 | .109 | .088 | -.727 | 170 | 221 | -.478 | .177 | .656 | -1.183 |
| 160 | 943 | -.149 | .130 | .381 | -.572 | 170 | 171 | -.316 | .106 | .048 | -.650 | 170 | 222 | -.234 | .164 | .424 | -.881 |
| 160 | 944 | -.254 | .148 | .203 | -.835 | 170 | 172 | -.284 | .103 | .065 | -.623 | 170 | 223 | -.092 | .117 | .366 | -.600 |
| 160 | 945 | -.190 | .117 | .162 | -.635 | 170 | 173 | -.251 | .104 | .178 | -.646 | 170 | 224 | -.129 | .105 | .265 | -.543 |
| 160 | 946 | -.232 | .108 | .152 | -.592 | 170 | 174 | -.209 | .105 | .108 | -.675 | 170 | 225 | -.163 | .105 | .222 | -.513 |
| 160 | 947 | -.221 | .109 | .104 | -.579 | 170 | 175 | -.190 | .096 | .146 | -.533 | 170 | 226 | -.193 | .113 | .176 | -.547 |
| 160 | 948 | -.215 | .102 | .143 | -.547 | 170 | 176 | -.167 | .097 | .122 | -.483 | 170 | 227 | -.187 | .123 | .210 | -.601 |
| 160 | 949 | -.291 | .130 | .205 | -.990 | 170 | 177 | -.168 | .103 | .166 | -.511 | 170 | 228 | -.189 | .118 | .162 | -.654 |
| 160 | 950 | -.279 | .139 | .153 | -.955 | 170 | 178 | -.171 | .100 | .132 | -.523 | 170 | 229 | -.197 | .108 | .122 | -.627 |
| 160 | 951 | -.094 | .152 | .345 | -.822 | 170 | 179 | -.167 | .106 | .161 | -.589 | 170 | 230 | -.205 | .118 | .178 | -.743 |
| 160 | 952 | -.094 | .133 | .395 | -.685 | 170 | 180 | -.347 | .234 | .299 | -1.689 | 170 | 231 | -.209 | .126 | .152 | -.751 |
| 160 | 953 | -.149 | .125 | .331 | -.753 | 170 | 181 | -.508 | .188 | .080 | -1.131 | 170 | 232 | -.217 | .118 | .114 | -.716 |
| 160 | 954 | -.098 | .121 | .302 | -.662 | 170 | 182 | -.207 | .190 | .385 | -1.766 | 170 | 233 | -.217 | .123 | .186 | -.885 |
| 160 | 955 | -.103 | .152 | .365 | -.739 | 170 | 183 | -.111 | .115 | .255 | -.483 | 170 | 234 | -.202 | .118 | .188 | -.856 |
| 160 | 956 | -.065 | .112 | .241 | -.410 | 170 | 184 | -.148 | .112 | .226 | -.574 | 170 | 235 | -.202 | .108 | .123 | -.636 |
| 160 | 957 | -.071 | .104 | .344 | -.398 | 170 | 185 | -.166 | .097 | .183 | -.580 | 170 | 236 | -.192 | .114 | .146 | -.577 |
| 160 | 958 | -.100 | .136 | .331 | -.748 | 170 | 186 | -.193 | .107 | .238 | -.554 | 170 | 237 | -.212 | .113 | .181 | -.592 |
| 160 | 959 | -.254 | .153 | .157 | -.917 | 170 | 187 | -.181 | .104 | .149 | -.628 | 170 | 238 | -.226 | .116 | .114 | -.717 |
| 160 | 960 | -.200 | .127 | .181 | -.880 | 170 | 188 | -.184 | .104 | .238 | -.616 | 170 | 239 | -.215 | .107 | .078 | -.592 |
| 160 | 961 | -.163 | .128 | .239 | -1.223 | 170 | 189 | -.184 | .101 | .178 | -.495 | 170 | 260 | -.309 | .158 | .115 | -.936 |
| 160 | 962 | -.140 | .128 | .221 | -.668 | 170 | 190 | -.181 | .102 | .188 | -.491 | 170 | 261 | -.291 | .143 | .260 | -.878 |
| 170 | 140 | -.557 | .216 | .360 | -1.400 | 170 | 191 | -.177 | .108 | .231 | -.505 | 170 | 262 | -.124 | .143 | .410 | -.592 |
| 170 | 141 | -.309 | .152 | .292 | -.798 | 170 | 192 | -.184 | .105 | .204 | -.666 | 170 | 263 | -.091 | .111 | .313 | -.534 |
| 170 | 142 | -.142 | .135 | .238 | -.873 | 170 | 193 | -.191 | .113 | .122 | -.596 | 170 | 264 | -.142 | .109 | .313 | -.516 |
| 170 | 143 | -.109 | .112 | .301 | -.479 | 170 | 194 | -.186 | .111 | .167 | -.693 | 170 | 265 | -.157 | .105 | .239 | -.529 |
| 170 | 144 | -.152 | .108 | .243 | -.480 | 170 | 195 | -.189 | .111 | .132 | -.543 | 170 | 266 | -.184 | .126 | .220 | -.577 |
| 170 | 145 | -.198 | .111 | .235 | -.604 | 170 | 196 | -.182 | .108 | .154 | -.589 | 170 | 267 | -.189 | .112 | .183 | -.848 |
| 170 | 146 | -.187 | .113 | .170 | -.650 | 170 | 197 | -.167 | .108 | .162 | -.584 | 170 | 268 | -.189 | .122 | .188 | -.632 |
| 170 | 147 | -.189 | .114 | .191 | -.612 | 170 | 198 | -.178 | .105 | .193 | -.525 | 170 | 269 | -.190 | .118 | .164 | -.780 |
| 170 | 149 | -.202 | .112 | .147 | -.585 | 170 | 199 | -.177 | .101 | .147 | -.479 | 170 | 270 | -.204 | .116 | .164 | -.785 |
| 170 | 150 | -.209 | .116 | .184 | -.619 | 170 | 200 | -.537 | .223 | .039 | -1.355 | 170 | 271 | -.212 | .127 | .218 | -.638 |
| 170 | 151 | -.193 | .112 | .172 | -.607 | 170 | 202 | -.199 | .181 | .351 | -.823 | 170 | 272 | -.223 | .124 | .231 | -.917 |
| 170 | 152 | -.199 | .107 | .155 | -.585 | 170 | 203 | -.110 | .122 | .235 | -.628 | 170 | 273 | -.215 | .120 | .280 | -.662 |
| 170 | 153 | -.196 | .105 | .148 | -.533 | 170 | 204 | -.152 | .118 | .215 | -.594 | 170 | 274 | -.198 | .123 | .180 | -.725 |
| 170 | 154 | -.179 | .103 | .133 | -.506 | 170 | 205 | -.189 | .108 | .184 | -.550 | 170 | 275 | -.181 | .128 | .255 | -.622 |
| 170 | 155 | -.171 | .101 | .182 | -.526 | 170 | 206 | -.208 | .116 | .198 | -.692 | 170 | 276 | -.166 | .111 | .189 | -.519 |
| 170 | 156 | -.164 | .101 | .109 | -.482 | 170 | 207 | -.215 | .109 | .159 | -.594 | 170 | 277 | -.246 | .127 | .156 | -.720 |
| 170 | 157 | -.161 | .102 | .169 | -.492 | 170 | 208 | -.202 | .106 | .146 | -.614 | 170 | 278 | -.270 | .127 | .168 | -.864 |
| 170 | 158 | -.168 | .105 | .184 | -.519 | 170 | 209 | -.202 | .115 | .181 | -.559 | 170 | 279 | -.286 | .116 | .089 | -.777 |
| 170 | 159 | -.168 | .108 | .226 | -.543 | 170 | 210 | -.211 | .117 | .238 | -.751 | 170 | 280 | -.126 | .145 | .411 | -.764 |
| 170 | 160 | -.687 | .245 | .030 | -1.650 | 170 | 211 | -.219 | .119 | .125 | -.653 | 170 | 281 | -.221 | .153 | .340 | -.754 |
| 170 | 161 | -.564 | .186 | .128 | -1.331 | 170 | 212 | -.228 | .116 | .159 | -.702 | 170 | 282 | -.137 | .151 | .393 | -.667 |
| 170 | 162 | -.200 | .185 | .375 | -.979 | 170 | 213 | -.245 | .120 | .134 | -.926 | 170 | 283 | -.087 | .119 | .314 | -.490 |
| 170 | 163 | -.123 | .129 | .334 | -.545 | 170 | 214 | -.251 | .107 | .124 | -.663 | 170 | 284 | -.122 | .091 | .193 | -.521 |
| 170 | 164 | -.162 | .115 | .343 | -.558 | 170 | 215 | -.288 | .106 | .070 | -.653 | 170 | 285 | -.126 | .110 | .235 | -.515 |
| 170 | 165 | -.189 | .108 | .150 | -.604 | 170 | 216 | -.299 | .110 | .082 | -.697 | 170 | 286 | -.201 | .126 | .202 | -.761 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 170 | 287 | 150 | 114 | 194 | 555 | 170 | 537 | 259 | 116 | 151 | 677 | 170 | 912 | 192 | 123 | 210 | 624 |
| 170 | 288 | 153 | 103 | 239 | 544 | 170 | 538 | 278 | 119 | 106 | 829 | 170 | 913 | 82 | 143 | 408 | 615 |
| 170 | 289 | 173 | 110 | 231 | 579 | 170 | 539 | 333 | 133 | 80 | 845 | 170 | 914 | 203 | 148 | 383 | 733 |
| 170 | 290 | 151 | 113 | 239 | 566 | 170 | 540 | 345 | 150 | 231 | 879 | 170 | 915 | 173 | 104 | 136 | 521 |
| 170 | 291 | 152 | 111 | 264 | 613 | 170 | 541 | 225 | 151 | 399 | 748 | 170 | 916 | 190 | 111 | 247 | 561 |
| 170 | 292 | 221 | 116 | 137 | 613 | 170 | 542 | 673 | 138 | 587 | 416 | 170 | 917 | 205 | 117 | 123 | 642 |
| 170 | 293 | 260 | 107 | 66 | 574 | 170 | 543 | 293 | 162 | 942 | 204 | 170 | 919 | 198 | 111 | 197 | 600 |
| 170 | 294 | 298 | 112 | 120 | 683 | 170 | 544 | 403 | 182 | 142 | 188 | 170 | 920 | 87 | 139 | 425 | 728 |
| 170 | 295 | 339 | 121 | 81 | 803 | 170 | 545 | 373 | 187 | 202 | 222 | 170 | 921 | 240 | 141 | 222 | 718 |
| 170 | 296 | 354 | 127 | 118 | 827 | 170 | 546 | 270 | 121 | 665 | 697 | 170 | 922 | 62 | 178 | 484 | 674 |
| 170 | 297 | 361 | 117 | 32 | 770 | 170 | 547 | 278 | 121 | 093 | 752 | 170 | 923 | 107 | 126 | 306 | 635 |
| 170 | 298 | 329 | 117 | 62 | 825 | 170 | 548 | 323 | 118 | 049 | 740 | 170 | 924 | 015 | 140 | 502 | 543 |
| 170 | 299 | 286 | 114 | 33 | 790 | 170 | 549 | 304 | 144 | 099 | 039 | 170 | 925 | 208 | 122 | 234 | 767 |
| 170 | 401 | 194 | 274 | 646 | 096 | 170 | 550 | 205 | 133 | 154 | 690 | 170 | 926 | 121 | 114 | 242 | 511 |
| 170 | 463 | 226 | 116 | 232 | 746 | 170 | 551 | 012 | 126 | 425 | 501 | 170 | 927 | 192 | 114 | 178 | 667 |
| 170 | 501 | 196 | 116 | 43 | 586 | 170 | 552 | 240 | 133 | 787 | 180 | 170 | 928 | 211 | 110 | 171 | 573 |
| 170 | 502 | 229 | 119 | 180 | 694 | 170 | 553 | 376 | 182 | 053 | 173 | 170 | 929 | 165 | 123 | 346 | 570 |
| 170 | 503 | 261 | 125 | 112 | 816 | 170 | 554 | 307 | 165 | 896 | 271 | 170 | 930 | 196 | 128 | 193 | 866 |
| 170 | 504 | 284 | 120 | 144 | 675 | 170 | 554 | 276 | 129 | 133 | 810 | 170 | 931 | 129 | 101 | 215 | 434 |
| 170 | 505 | 177 | 139 | 314 | 701 | 170 | 555 | 255 | 116 | 125 | 692 | 170 | 932 | 210 | 130 | 202 | 667 |
| 170 | 506 | 041 | 146 | 370 | 416 | 170 | 556 | 274 | 126 | 131 | 640 | 170 | 933 | 212 | 148 | 329 | 503 |
| 170 | 507 | 209 | 173 | 848 | 358 | 170 | 556 | 241 | 128 | 249 | 705 | 170 | 934 | 118 | 114 | 336 | 713 |
| 170 | 508 | 350 | 185 | 890 | 296 | 170 | 558 | 159 | 138 | 311 | 627 | 170 | 935 | 211 | 142 | 218 | 931 |
| 170 | 510 | 190 | 112 | 163 | 652 | 170 | 559 | 007 | 111 | 411 | 429 | 170 | 936 | 253 | 206 | 232 | 051 |
| 170 | 511 | 232 | 125 | 212 | 775 | 170 | 570 | 185 | 131 | 641 | 203 | 170 | 937 | 164 | 105 | 175 | 530 |
| 170 | 512 | 285 | 112 | 113 | 727 | 170 | 571 | 269 | 144 | 784 | 201 | 170 | 938 | 217 | 136 | 297 | 785 |
| 170 | 513 | 332 | 146 | 141 | 861 | 170 | 572 | 274 | 172 | 903 | 220 | 170 | 939 | 193 | 118 | 180 | 632 |
| 170 | 514 | 162 | 150 | 400 | 685 | 170 | 573 | 163 | 115 | 207 | 632 | 170 | 940 | 149 | 134 | 464 | 630 |
| 170 | 515 | 163 | 159 | 743 | 335 | 170 | 574 | 057 | 118 | 382 | 471 | 170 | 941 | 164 | 108 | 176 | 498 |
| 170 | 516 | 422 | 182 | 1089 | 144 | 170 | 575 | 027 | 115 | 564 | 333 | 170 | 942 | 225 | 116 | 119 | 598 |
| 170 | 517 | 546 | 210 | 1150 | 060 | 170 | 576 | 218 | 129 | 167 | 793 | 170 | 943 | 162 | 116 | 452 | 676 |
| 170 | 518 | 498 | 204 | 1434 | 214 | 170 | 577 | 185 | 117 | 236 | 372 | 170 | 944 | 280 | 148 | 178 | 901 |
| 170 | 519 | 217 | 121 | 236 | 680 | 170 | 578 | 171 | 101 | 162 | 492 | 170 | 945 | 209 | 120 | 173 | 694 |
| 170 | 520 | 230 | 123 | 205 | 678 | 170 | 579 | 143 | 103 | 244 | 471 | 170 | 946 | 224 | 120 | 160 | 728 |
| 170 | 521 | 303 | 133 | 160 | 835 | 170 | 580 | 058 | 106 | 314 | 414 | 170 | 947 | 242 | 114 | 206 | 641 |
| 170 | 522 | 358 | 146 | 126 | 864 | 170 | 581 | 103 | 107 | 240 | 482 | 170 | 948 | 237 | 111 | 167 | 677 |
| 170 | 523 | 216 | 154 | 270 | 764 | 170 | 582 | 090 | 098 | 217 | 422 | 170 | 949 | 287 | 128 | 116 | 830 |
| 170 | 524 | 144 | 172 | 641 | 416 | 170 | 584 | 058 | 110 | 390 | 490 | 170 | 950 | 261 | 146 | 135 | 874 |
| 170 | 525 | 412 | 195 | 165 | 183 | 170 | 585 | 038 | 127 | 490 | 400 | 170 | 951 | 092 | 156 | 397 | 961 |
| 170 | 526 | 451 | 172 | 1104 | 018 | 170 | 901 | 842 | 191 | 222 | 583 | 170 | 952 | 093 | 137 | 380 | 814 |
| 170 | 527 | 398 | 212 | 1112 | 267 | 170 | 902 | 586 | 145 | 118 | 024 | 170 | 953 | 147 | 138 | 290 | 817 |
| 170 | 528 | 363 | 120 | 057 | 829 | 170 | 903 | 474 | 144 | 034 | 126 | 170 | 954 | 087 | 117 | 270 | 557 |
| 170 | 529 | 409 | 125 | 005 | 052 | 170 | 904 | 365 | 170 | 181 | 262 | 170 | 955 | 202 | 163 | 444 | 778 |
| 170 | 530 | 493 | 129 | 091 | 973 | 170 | 905 | 213 | 163 | 232 | 205 | 170 | 956 | 112 | 117 | 350 | 570 |
| 170 | 531 | 530 | 138 | 162 | 010 | 170 | 906 | 633 | 206 | 228 | 620 | 170 | 957 | 109 | 120 | 228 | 506 |
| 170 | 532 | 349 | 159 | 204 | 916 | 170 | 907 | 572 | 186 | 034 | 212 | 170 | 958 | 133 | 136 | 372 | 651 |
| 170 | 533 | 062 | 160 | 514 | 590 | 170 | 908 | 290 | 141 | 143 | 921 | 170 | 959 | 323 | 168 | 142 | 201 |
| 170 | 534 | 340 | 174 | 942 | 188 | 170 | 909 | 158 | 133 | 422 | 701 | 170 | 960 | 249 | 156 | 189 | 327 |
| 170 | 535 | 462 | 189 | 135 | 143 | 170 | 910 | 266 | 146 | 163 | 262 | 170 | 961 | 151 | 121 | 221 | 744 |
| 170 | 536 | 425 | 215 | 095 | 216 | 170 | 911 | 246 | 145 | 158 | 975 | 170 | 962 | 136 | 155 | 350 | 1108 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 180 | 140 | - .676 | .204 | .021 | -1.405 | 180 | 191 | - .197 | .101 | .129 | - .546 | 180 | 262 | - .204 | .128 | .228 | - .790 |
| 180 | 141 | - .498 | .188 | .091 | -1.654 | 180 | 192 | - .197 | .105 | .139 | - .568 | 180 | 263 | - .154 | .119 | .247 | - .681 |
| 180 | 142 | - .296 | .164 | .156 | -1.022 | 180 | 193 | - .192 | .108 | .196 | - .675 | 180 | 264 | - .158 | .114 | .223 | - .532 |
| 180 | 143 | - .201 | .129 | .133 | - .939 | 180 | 194 | - .188 | .096 | .129 | - .566 | 180 | 265 | - .180 | .125 | .195 | - .632 |
| 180 | 144 | - .197 | .113 | .163 | - .695 | 180 | 195 | - .179 | .099 | .129 | - .574 | 180 | 266 | - .204 | .124 | .191 | - .622 |
| 180 | 145 | - .208 | .115 | .178 | - .591 | 180 | 196 | - .169 | .098 | .172 | - .501 | 180 | 267 | - .203 | .129 | .135 | - .832 |
| 180 | 146 | - .189 | .111 | .166 | - .678 | 180 | 197 | - .169 | .107 | .158 | - .550 | 180 | 268 | - .203 | .138 | .169 | - .816 |
| 180 | 147 | - .188 | .104 | .126 | - .652 | 180 | 198 | - .166 | .098 | .237 | - .504 | 180 | 269 | - .187 | .125 | .210 | - .668 |
| 180 | 149 | - .190 | .104 | .142 | - .565 | 180 | 199 | - .164 | .095 | .153 | - .501 | 180 | 270 | - .215 | .126 | .144 | - .653 |
| 180 | 150 | - .191 | .103 | .153 | - .524 | 180 | 200 | - .638 | .220 | .153 | -1.912 | 180 | 271 | - .223 | .131 | .234 | - .694 |
| 180 | 151 | - .200 | .116 | .179 | - .627 | 180 | 202 | - .333 | .167 | .148 | - .980 | 180 | 272 | - .226 | .123 | .181 | - .756 |
| 180 | 152 | - .187 | .107 | .238 | - .602 | 180 | 203 | - .201 | .135 | .227 | - .813 | 180 | 273 | - .233 | .134 | .306 | - .788 |
| 180 | 153 | - .185 | .102 | .150 | - .505 | 180 | 204 | - .180 | .105 | .210 | - .785 | 180 | 274 | - .198 | .129 | .264 | - .627 |
| 180 | 154 | - .179 | .108 | .213 | - .584 | 180 | 205 | - .191 | .115 | .185 | - .683 | 180 | 275 | - .180 | .117 | .264 | - .684 |
| 180 | 155 | - .157 | .107 | .185 | - .541 | 180 | 206 | - .207 | .116 | .178 | - .753 | 180 | 276 | - .191 | .126 | .309 | - .782 |
| 180 | 156 | - .153 | .096 | .196 | - .449 | 180 | 207 | - .208 | .114 | .141 | - .727 | 180 | 277 | - .239 | .131 | .231 | - .783 |
| 180 | 157 | - .146 | .086 | .159 | - .424 | 180 | 208 | - .196 | .103 | .123 | - .598 | 180 | 278 | - .263 | .121 | .095 | - .715 |
| 180 | 158 | - .150 | .108 | .224 | - .510 | 180 | 209 | - .200 | .102 | .093 | - .655 | 180 | 279 | - .276 | .129 | .249 | - .697 |
| 180 | 159 | - .154 | .110 | .235 | - .494 | 180 | 210 | - .192 | .107 | .215 | - .539 | 180 | 280 | - .211 | .122 | .189 | - .639 |
| 180 | 160 | - .704 | .229 | .098 | -1.512 | 180 | 211 | - .218 | .116 | .112 | - .590 | 180 | 281 | - .302 | .139 | .114 | - .778 |
| 180 | 161 | - .589 | .173 | .002 | -1.190 | 180 | 212 | - .221 | .113 | .099 | - .710 | 180 | 282 | - .220 | .136 | .456 | - .597 |
| 180 | 162 | - .356 | .190 | .189 | -1.256 | 180 | 213 | - .229 | .107 | .166 | - .650 | 180 | 283 | - .152 | .121 | .336 | - .579 |
| 180 | 163 | - .211 | .139 | .270 | - .876 | 180 | 214 | - .246 | .113 | .073 | - .679 | 180 | 284 | - .143 | .100 | .454 | - .554 |
| 180 | 164 | - .211 | .132 | .224 | - .897 | 180 | 215 | - .273 | .105 | .109 | - .639 | 180 | 285 | - .135 | .111 | .236 | - .560 |
| 180 | 165 | - .205 | .124 | .196 | - .863 | 180 | 216 | - .299 | .105 | .030 | - .672 | 180 | 286 | - .170 | .111 | .183 | - .613 |
| 180 | 166 | - .210 | .119 | .218 | - .774 | 180 | 217 | - .313 | .114 | .057 | - .688 | 180 | 287 | - .151 | .105 | .220 | - .489 |
| 180 | 167 | - .224 | .118 | .172 | - .741 | 180 | 218 | - .371 | .104 | .077 | - .717 | 180 | 288 | - .152 | .107 | .228 | - .613 |
| 180 | 168 | - .255 | .112 | .118 | - .759 | 180 | 219 | - .312 | .102 | .004 | - .639 | 180 | 289 | - .166 | .118 | .217 | - .592 |
| 180 | 169 | - .286 | .107 | .056 | - .679 | 180 | 220 | - .612 | .189 | .085 | -1.509 | 180 | 290 | - .136 | .108 | .274 | - .569 |
| 180 | 170 | - .314 | .114 | .015 | - .695 | 180 | 221 | - .543 | .183 | .085 | -1.520 | 180 | 291 | - .156 | .121 | .289 | - .530 |
| 180 | 171 | - .307 | .114 | .128 | - .693 | 180 | 222 | - .292 | .179 | .291 | -1.083 | 180 | 292 | - .204 | .124 | .155 | - .592 |
| 180 | 172 | - .279 | .116 | .037 | - .748 | 180 | 223 | - .150 | .115 | .218 | - .624 | 180 | 293 | - .254 | .113 | .104 | - .626 |
| 180 | 173 | - .240 | .113 | .141 | - .701 | 180 | 224 | - .183 | .123 | .197 | - .616 | 180 | 294 | - .284 | .109 | .103 | - .710 |
| 180 | 174 | - .208 | .094 | .112 | - .563 | 180 | 225 | - .190 | .114 | .191 | - .700 | 180 | 295 | - .360 | .133 | .124 | - .845 |
| 180 | 175 | - .188 | .097 | .169 | - .519 | 180 | 226 | - .206 | .113 | .124 | - .733 | 180 | 296 | - .353 | .138 | .033 | - .962 |
| 180 | 176 | - .164 | .099 | .185 | - .459 | 180 | 227 | - .211 | .119 | .145 | - .663 | 180 | 297 | - .368 | .118 | .035 | - .762 |
| 180 | 177 | - .165 | .094 | .141 | - .509 | 180 | 228 | - .208 | .121 | .134 | - .702 | 180 | 298 | - .324 | .110 | .061 | - .704 |
| 180 | 178 | - .157 | .106 | .193 | - .522 | 180 | 229 | - .207 | .115 | .178 | - .556 | 180 | 299 | - .300 | .117 | .220 | - .820 |
| 180 | 179 | - .157 | .108 | .210 | - .490 | 180 | 230 | - .208 | .119 | .228 | - .629 | 180 | 401 | - .568 | .265 | .494 | -1.593 |
| 180 | 180 | - .626 | .207 | .067 | -1.483 | 180 | 231 | - .220 | .119 | .119 | - .769 | 180 | 463 | - .223 | .110 | .123 | - .618 |
| 180 | 181 | - .567 | .180 | .027 | -1.463 | 180 | 232 | - .232 | .120 | .208 | - .741 | 180 | 501 | - .209 | .115 | .161 | - .639 |
| 180 | 182 | - .383 | .192 | .201 | -1.526 | 180 | 233 | - .227 | .117 | .150 | - .670 | 180 | 502 | - .213 | .122 | .210 | - .922 |
| 180 | 183 | - .218 | .147 | .292 | -1.104 | 180 | 234 | - .225 | .124 | .168 | - .673 | 180 | 503 | - .245 | .128 | .168 | - .659 |
| 180 | 184 | - .196 | .124 | .167 | - .969 | 180 | 235 | - .201 | .120 | .225 | - .710 | 180 | 504 | - .234 | .123 | .256 | - .820 |
| 180 | 185 | - .186 | .117 | .193 | - .658 | 180 | 236 | - .202 | .121 | .247 | - .554 | 180 | 505 | - .067 | .136 | .386 | - .586 |
| 180 | 186 | - .205 | .117 | .246 | - .767 | 180 | 237 | - .222 | .111 | .135 | - .577 | 180 | 506 | - .129 | .152 | .646 | - .375 |
| 180 | 187 | - .203 | .109 | .118 | - .620 | 180 | 238 | - .202 | .112 | .132 | - .614 | 180 | 507 | - .243 | .185 | .832 | - .277 |
| 180 | 188 | - .199 | .105 | .153 | - .537 | 180 | 239 | - .229 | .111 | .109 | - .752 | 180 | 508 | - .331 | .195 | .998 | - .294 |
| 180 | 189 | - .179 | .114 | .185 | - .629 | 180 | 260 | - .337 | .153 | .098 | - .913 | 180 | 510 | - .191 | .111 | .212 | - .582 |
| 180 | 190 | - .187 | .110 | .197 | - .697 | 180 | 261 | - .339 | .145 | .077 | - .884 | 180 | 511 | - .204 | .110 | .178 | - .558 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 180 | 512 | -.268 | .124 | .129 | -.620 | 180 | 571 | .266 | .159 | .886 | -.394 | 180 | 938 | -.217 | .124 | .229 | -.795 |
| 180 | 513 | -.217 | .136 | .380 | -.744 | 180 | 572 | .188 | .174 | .855 | -.765 | 180 | 939 | -.184 | .111 | .216 | -.571 |
| 180 | 514 | -.010 | .147 | .603 | -.517 | 180 | 573 | -.088 | .121 | .450 | -.527 | 180 | 940 | -.146 | .128 | .290 | -.631 |
| 180 | 515 | .324 | .169 | .867 | -.281 | 180 | 574 | .004 | .107 | .381 | -.407 | 180 | 941 | -.174 | .106 | .156 | -.623 |
| 180 | 516 | .326 | .179 | 1.194 | -.018 | 180 | 575 | -.073 | .117 | .453 | -.358 | 180 | 942 | -.203 | .109 | .208 | -.612 |
| 180 | 517 | .507 | .220 | 1.187 | -.153 | 180 | 576 | -.230 | .120 | .160 | -.620 | 180 | 943 | -.131 | .122 | .306 | -.602 |
| 180 | 518 | .346 | .219 | 1.249 | -.331 | 180 | 577 | -.173 | .106 | .166 | -.587 | 180 | 944 | -.261 | .143 | .249 | -.866 |
| 180 | 519 | .203 | .108 | .130 | -.630 | 180 | 578 | -.140 | .112 | .257 | -.582 | 180 | 945 | -.266 | .119 | .099 | -.779 |
| 180 | 520 | .217 | .126 | .134 | -.692 | 180 | 579 | -.076 | .119 | .428 | -.571 | 180 | 946 | -.178 | .116 | .237 | -.624 |
| 180 | 521 | .267 | .123 | .169 | -.700 | 180 | 580 | -.009 | .107 | .360 | -.373 | 180 | 947 | -.243 | .113 | .175 | -.676 |
| 180 | 522 | .242 | .145 | .184 | -.770 | 180 | 581 | -.037 | .117 | .474 | -.439 | 180 | 948 | -.229 | .112 | .161 | -.695 |
| 180 | 523 | .024 | .166 | .554 | -.679 | 180 | 582 | -.033 | .107 | .332 | -.412 | 180 | 949 | -.272 | .128 | .178 | -.790 |
| 180 | 524 | .330 | .186 | .985 | -.287 | 180 | 584 | -.053 | .114 | .461 | -.377 | 180 | 950 | -.211 | .113 | .212 | -.755 |
| 180 | 525 | .517 | .208 | 1.270 | -.023 | 180 | 585 | -.042 | .141 | .528 | -.493 | 180 | 951 | -.041 | .120 | .450 | -.522 |
| 180 | 526 | .414 | .197 | 1.047 | -.183 | 180 | 901 | -.796 | .222 | -.029 | -.1615 | 180 | 952 | -.056 | .116 | .332 | -.602 |
| 180 | 527 | .116 | .211 | .851 | -.581 | 180 | 902 | -.591 | .165 | -.011 | -.1176 | 180 | 953 | -.142 | .137 | .220 | -.1271 |
| 180 | 528 | .344 | .110 | .055 | -.747 | 180 | 903 | -.458 | .158 | .027 | -.1193 | 180 | 954 | -.058 | .115 | .326 | -.637 |
| 180 | 529 | .389 | .119 | .024 | -.785 | 180 | 904 | -.412 | .169 | .110 | -.1213 | 180 | 955 | -.305 | .156 | .201 | -.949 |
| 180 | 530 | .467 | .134 | .008 | -.946 | 180 | 905 | -.315 | .200 | .276 | -.1171 | 180 | 956 | -.174 | .123 | .201 | -.572 |
| 180 | 531 | .435 | .145 | .031 | -.975 | 180 | 906 | -.621 | .194 | .014 | -.1408 | 180 | 957 | -.161 | .110 | .166 | -.516 |
| 180 | 532 | .184 | .146 | .316 | -.613 | 180 | 907 | -.574 | .173 | -.005 | -.1136 | 180 | 958 | -.208 | .134 | .258 | -.684 |
| 180 | 533 | .184 | .154 | .734 | -.208 | 180 | 908 | -.334 | .176 | .375 | -.929 | 180 | 959 | -.328 | .163 | .202 | -.1139 |
| 180 | 534 | .394 | .200 | 1.076 | -.237 | 180 | 909 | -.201 | .157 | .235 | -.743 | 180 | 960 | -.252 | .145 | .180 | -.1068 |
| 180 | 535 | .411 | .196 | 1.177 | -.076 | 180 | 910 | -.344 | .161 | .219 | -.1188 | 180 | 961 | -.154 | .132 | .327 | -.652 |
| 180 | 536 | .212 | .203 | .878 | -.373 | 180 | 911 | -.367 | .172 | .126 | -.1130 | 180 | 962 | -.127 | .163 | .283 | -.1020 |
| 180 | 537 | .251 | .121 | .189 | -.744 | 180 | 912 | -.244 | .164 | .308 | -.962 | 190 | 140 | -.583 | .225 | .115 | -.1306 |
| 180 | 538 | .241 | .112 | .119 | -.662 | 180 | 913 | -.206 | .140 | .343 | -.820 | 190 | 141 | -.558 | .217 | .171 | -.1623 |
| 180 | 539 | .279 | .121 | .109 | -.757 | 180 | 914 | -.299 | .139 | .181 | -.905 | 190 | 142 | -.445 | .222 | .183 | -.1550 |
| 180 | 540 | .240 | .143 | .275 | -.786 | 180 | 915 | -.213 | .120 | .169 | -.619 | 190 | 143 | -.335 | .196 | .254 | -.1273 |
| 180 | 541 | .069 | .150 | .612 | -.633 | 180 | 916 | -.224 | .130 | .153 | -.879 | 190 | 144 | -.265 | .165 | .261 | -.995 |
| 180 | 542 | .179 | .148 | .772 | -.216 | 180 | 917 | -.206 | .115 | .188 | -.559 | 190 | 145 | -.294 | .185 | .201 | -.2124 |
| 180 | 543 | .334 | .193 | .961 | -.193 | 180 | 919 | -.201 | .121 | .142 | -.695 | 190 | 146 | -.278 | .168 | .234 | -.1250 |
| 180 | 544 | .360 | .188 | 1.101 | -.293 | 180 | 920 | -.201 | .134 | .268 | -.749 | 190 | 147 | -.266 | .168 | .183 | -.1116 |
| 180 | 545 | .258 | .197 | 1.086 | -.493 | 180 | 921 | -.232 | .161 | .264 | -.877 | 190 | 149 | -.247 | .134 | .204 | -.783 |
| 180 | 546 | .250 | .114 | .143 | -.625 | 180 | 922 | -.075 | .169 | .393 | -.640 | 190 | 150 | -.253 | .146 | .218 | -.911 |
| 180 | 547 | .253 | .112 | .096 | -.675 | 180 | 923 | -.171 | .142 | .328 | -.809 | 190 | 151 | -.273 | .148 | .171 | -.814 |
| 180 | 548 | .241 | .134 | .134 | -.688 | 180 | 924 | -.121 | .134 | .344 | -.766 | 190 | 152 | -.251 | .146 | .185 | -.789 |
| 180 | 549 | .202 | .141 | .316 | -.758 | 180 | 925 | -.193 | .126 | .240 | -.676 | 190 | 153 | -.248 | .149 | .185 | -.868 |
| 180 | 550 | .080 | .129 | .479 | -.488 | 180 | 926 | -.137 | .106 | .227 | -.501 | 190 | 154 | -.215 | .129 | .153 | -.702 |
| 180 | 551 | .103 | .116 | .484 | -.397 | 180 | 927 | -.204 | .119 | .207 | -.651 | 190 | 155 | -.211 | .136 | .176 | -.776 |
| 180 | 552 | .292 | .153 | .834 | -.158 | 180 | 928 | -.203 | .109 | .265 | -.683 | 190 | 156 | -.203 | .115 | .211 | -.576 |
| 180 | 553 | .287 | .195 | 1.083 | -.392 | 180 | 929 | -.170 | .116 | .376 | -.608 | 190 | 157 | -.191 | .116 | .206 | -.530 |
| 180 | 554 | .172 | .185 | .839 | -.444 | 180 | 930 | -.200 | .127 | .159 | -.642 | 190 | 158 | -.187 | .121 | .277 | -.561 |
| 180 | 554 | .251 | .113 | .106 | -.620 | 180 | 931 | -.138 | .107 | .213 | -.597 | 190 | 159 | -.200 | .127 | .262 | -.721 |
| 180 | 555 | .221 | .115 | .145 | -.638 | 180 | 932 | -.209 | .127 | .205 | -.768 | 190 | 160 | -.603 | .290 | .074 | -.1999 |
| 180 | 556 | .200 | .116 | .171 | -.641 | 180 | 933 | -.248 | .115 | .132 | -.672 | 190 | 161 | -.547 | .244 | .269 | -.1491 |
| 180 | 566 | .152 | .153 | .357 | -.631 | 180 | 934 | -.136 | .116 | .264 | -.569 | 190 | 162 | -.496 | .234 | .282 | -.1586 |
| 180 | 568 | .035 | .140 | .479 | -.472 | 180 | 935 | -.199 | .129 | .230 | -.841 | 190 | 163 | -.380 | .212 | .279 | -.1411 |
| 180 | 569 | .072 | .113 | .412 | -.348 | 180 | 936 | -.269 | .186 | .189 | -.177 | 190 | 164 | -.339 | .196 | .343 | -.1316 |
| 180 | 570 | .211 | .147 | .733 | -.306 | 180 | 937 | -.160 | .105 | .211 | -.637 | 190 | 165 | -.302 | .199 | .282 | -.1132 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 190 | 166 | -.324 | .181 | .251 | -1.134 | 190 | 217 | -.322 | .112 | -.059 | -.794 | 190 | 287 | -.183 | .119 | .262 | -.550 |
| 190 | 167 | -.331 | .182 | .138 | -1.276 | 190 | 218 | -.338 | .102 | -.032 | -.687 | 190 | 288 | -.163 | .107 | .158 | -.548 |
| 190 | 168 | -.333 | .146 | .125 | -.929 | 190 | 219 | -.319 | .114 | -.059 | -.730 | 190 | 289 | -.163 | .112 | .307 | -.574 |
| 190 | 169 | -.344 | .135 | .132 | -.863 | 190 | 220 | -.656 | .221 | -.074 | -2.349 | 190 | 290 | -.160 | .128 | .304 | -.617 |
| 190 | 170 | -.359 | .127 | .067 | -.872 | 190 | 221 | -.610 | .208 | -.064 | -1.642 | 190 | 291 | -.191 | .134 | .178 | -.714 |
| 190 | 171 | -.371 | .132 | .153 | -.834 | 190 | 222 | -.400 | .172 | .071 | -1.189 | 190 | 292 | -.232 | .122 | .162 | -.688 |
| 190 | 172 | -.350 | .129 | .011 | -.822 | 190 | 223 | -.249 | .159 | .265 | -.914 | 190 | 293 | -.255 | .118 | .126 | -.690 |
| 190 | 173 | -.309 | .136 | .074 | -.748 | 190 | 224 | -.231 | .129 | .235 | -.877 | 190 | 294 | -.297 | .122 | .087 | -.874 |
| 190 | 174 | -.271 | .126 | .188 | -.873 | 190 | 225 | -.239 | .127 | .185 | -.890 | 190 | 295 | -.308 | .129 | .139 | -.749 |
| 190 | 175 | -.231 | .120 | .132 | -.639 | 190 | 226 | -.276 | .148 | .281 | -.948 | 190 | 296 | -.337 | .126 | .109 | -.877 |
| 190 | 176 | -.196 | .108 | .162 | -.631 | 190 | 227 | -.260 | .140 | .164 | -.857 | 190 | 297 | -.364 | .117 | .051 | -.719 |
| 190 | 177 | -.186 | .105 | .188 | -.565 | 190 | 228 | -.257 | .134 | .177 | -.820 | 190 | 298 | -.301 | .112 | .121 | -.745 |
| 190 | 178 | -.186 | .110 | .144 | -.506 | 190 | 229 | -.239 | .135 | .122 | -.796 | 190 | 299 | -.256 | .118 | .095 | -.774 |
| 190 | 179 | -.183 | .108 | .213 | -.554 | 190 | 230 | -.249 | .129 | .159 | -.822 | 190 | 401 | -.666 | .275 | .084 | -2.119 |
| 190 | 180 | -.619 | .254 | .048 | -2.243 | 190 | 231 | -.262 | .132 | .239 | -.833 | 190 | 463 | -.221 | .118 | .158 | -.708 |
| 190 | 181 | -.574 | .244 | .018 | -1.556 | 190 | 232 | -.252 | .137 | .169 | -.819 | 190 | 501 | -.218 | .120 | .288 | -.720 |
| 190 | 182 | -.484 | .219 | .206 | -1.457 | 190 | 233 | -.263 | .138 | .188 | -.756 | 190 | 502 | -.224 | .117 | .155 | -.602 |
| 190 | 183 | -.376 | .199 | .193 | -1.284 | 190 | 234 | -.244 | .130 | .148 | -.716 | 190 | 503 | -.206 | .123 | .215 | -.740 |
| 190 | 184 | -.320 | .188 | .414 | -1.231 | 190 | 235 | -.233 | .122 | .154 | -.759 | 190 | 504 | -.146 | .136 | .282 | -.597 |
| 190 | 185 | -.319 | .202 | .414 | -1.226 | 190 | 236 | -.231 | .122 | .178 | -.714 | 190 | 505 | .041 | .144 | .637 | -.503 |
| 190 | 186 | -.288 | .175 | .152 | -1.290 | 190 | 237 | -.204 | .118 | .178 | -.608 | 190 | 506 | .207 | .168 | .758 | -.307 |
| 190 | 187 | -.271 | .174 | .170 | -1.190 | 190 | 238 | -.194 | .112 | .198 | -.584 | 190 | 507 | .268 | .175 | .936 | -.399 |
| 190 | 188 | -.245 | .138 | .175 | -.768 | 190 | 239 | -.189 | .118 | .182 | -.656 | 190 | 508 | .276 | .182 | .951 | -.279 |
| 190 | 189 | -.241 | .135 | .219 | -.814 | 190 | 260 | -.387 | .157 | .035 | -1.346 | 190 | 510 | -.208 | .124 | .162 | -.663 |
| 190 | 190 | -.249 | .139 | .211 | -1.705 | 190 | 261 | -.383 | .159 | .190 | -1.282 | 190 | 511 | -.209 | .113 | .194 | -.643 |
| 190 | 191 | -.243 | .128 | .158 | -.809 | 190 | 262 | -.272 | .129 | .230 | -.878 | 190 | 512 | -.199 | .126 | .262 | -.583 |
| 190 | 192 | -.265 | .136 | .097 | -.735 | 190 | 263 | -.206 | .131 | .177 | -.806 | 190 | 513 | -.071 | .140 | .389 | -.506 |
| 190 | 193 | -.265 | .150 | .180 | -.852 | 190 | 264 | -.209 | .124 | .183 | -.820 | 190 | 514 | .169 | .164 | .820 | -.322 |
| 190 | 194 | -.251 | .137 | .167 | -.832 | 190 | 265 | -.228 | .132 | .193 | -.814 | 190 | 515 | .448 | .196 | 1.220 | -.187 |
| 190 | 195 | -.227 | .123 | .142 | -.649 | 190 | 266 | -.267 | .162 | .164 | -.946 | 190 | 516 | .549 | .197 | 1.159 | -.153 |
| 190 | 196 | -.208 | .118 | .134 | -.598 | 190 | 267 | -.230 | .139 | .225 | -.783 | 190 | 517 | .399 | .194 | 1.022 | -.210 |
| 190 | 197 | -.200 | .117 | .172 | -.623 | 190 | 268 | -.266 | .142 | .178 | -.803 | 190 | 518 | .208 | .194 | .922 | -.312 |
| 190 | 198 | -.190 | .118 | .203 | -.639 | 190 | 269 | -.230 | .124 | .162 | -.655 | 190 | 519 | -.209 | .115 | .179 | -.690 |
| 190 | 199 | -.189 | .114 | .185 | -.554 | 190 | 270 | -.235 | .131 | .127 | -.829 | 190 | 520 | -.216 | .112 | .202 | -.591 |
| 190 | 200 | -.685 | .248 | .097 | -1.844 | 190 | 271 | -.258 | .137 | .223 | -.809 | 190 | 521 | -.199 | .128 | .166 | -.613 |
| 190 | 202 | -.498 | .219 | .064 | -1.748 | 190 | 272 | -.249 | .134 | .188 | -.766 | 190 | 522 | -.085 | .151 | .525 | -.573 |
| 190 | 203 | -.353 | .203 | .204 | -1.498 | 190 | 273 | -.262 | .138 | .191 | -.764 | 190 | 523 | -.178 | .166 | .855 | -.263 |
| 190 | 204 | -.292 | .183 | .249 | -1.106 | 190 | 274 | -.214 | .130 | .135 | -.777 | 190 | 524 | .447 | .187 | 1.074 | -.096 |
| 190 | 205 | -.279 | .164 | .219 | -1.071 | 190 | 275 | -.216 | .137 | .259 | -.811 | 190 | 525 | .493 | .190 | 1.034 | -.061 |
| 190 | 206 | -.299 | .172 | .267 | -1.168 | 190 | 276 | -.205 | .126 | .154 | -.862 | 190 | 526 | .329 | .189 | .896 | -.210 |
| 190 | 207 | -.303 | .172 | .145 | -1.407 | 190 | 277 | -.227 | .128 | .177 | -.690 | 190 | 527 | -.044 | .187 | .671 | -.618 |
| 190 | 208 | -.273 | .150 | .188 | -1.409 | 190 | 278 | -.208 | .121 | .129 | -.648 | 190 | 528 | .347 | .115 | .024 | -.793 |
| 190 | 209 | -.262 | .134 | .213 | -.773 | 190 | 279 | -.236 | .119 | .177 | -.648 | 190 | 529 | .379 | .110 | .018 | -.756 |
| 190 | 210 | -.264 | .126 | .206 | -.850 | 190 | 280 | -.276 | .140 | .265 | -.878 | 190 | 530 | .386 | .128 | .025 | -.913 |
| 190 | 211 | -.276 | .142 | .213 | -.977 | 190 | 281 | -.339 | .149 | .087 | -1.020 | 190 | 531 | .227 | .138 | .183 | -.649 |
| 190 | 212 | -.262 | .137 | .229 | -.783 | 190 | 282 | -.291 | .125 | .121 | -.837 | 190 | 532 | .053 | .166 | .561 | -.420 |
| 190 | 213 | -.295 | .139 | .109 | -.832 | 190 | 283 | -.210 | .129 | .260 | -.657 | 190 | 533 | .322 | .177 | 1.039 | -.258 |
| 190 | 214 | -.304 | .141 | .104 | -.811 | 190 | 284 | -.173 | .103 | .113 | -.578 | 190 | 534 | .448 | .208 | 1.107 | -.147 |
| 190 | 215 | -.326 | .126 | .130 | -.738 | 190 | 285 | -.156 | .107 | .187 | -.485 | 190 | 535 | .293 | .201 | .923 | -.452 |
| 190 | 216 | -.334 | .121 | .053 | -.743 | 190 | 286 | -.171 | .103 | .181 | -.508 | 190 | 536 | .028 | .190 | .708 | -.531 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 190 | 537 | -.256 | .115 | .138 | -.708 | 190 | 912 | -.311 | .187 | .258 | -1.086 | 200 | 140 | -.388 | .173 | .156 | -1.150 |
| 190 | 538 | -.204 | .114 | .138 | -.611 | 190 | 913 | -.296 | .160 | .204 | -1.078 | 200 | 141 | -.378 | .169 | .112 | -1.153 |
| 190 | 539 | -.205 | .134 | .270 | -.761 | 190 | 914 | -.356 | .144 | .079 | -1.056 | 200 | 142 | -.362 | .178 | .202 | -1.060 |
| 190 | 540 | -.077 | .139 | .382 | -.540 | 190 | 915 | -.344 | .161 | .138 | -1.231 | 200 | 143 | -.330 | .166 | .137 | -1.128 |
| 190 | 541 | -.119 | .176 | .692 | -.391 | 190 | 916 | -.291 | .155 | .190 | -.943 | 200 | 144 | -.328 | .160 | .255 | -1.010 |
| 190 | 542 | .283 | .134 | .881 | -.150 | 190 | 917 | -.176 | .116 | .210 | -.622 | 200 | 145 | -.358 | .183 | .211 | -1.305 |
| 190 | 543 | .381 | .195 | 1.007 | -.132 | 190 | 919 | -.277 | .152 | .223 | -.856 | 200 | 146 | -.341 | .174 | .199 | -1.390 |
| 190 | 544 | .274 | .203 | .986 | -.304 | 190 | 920 | -.281 | .137 | .174 | -.833 | 200 | 147 | -.320 | .163 | .168 | -1.120 |
| 190 | 545 | .121 | .211 | .735 | -.575 | 190 | 921 | -.314 | .172 | .274 | -1.056 | 200 | 149 | -.276 | .139 | .145 | -1.745 |
| 190 | 546 | .217 | .116 | .230 | -.703 | 190 | 922 | -.301 | .266 | .381 | -1.094 | 200 | 150 | -.264 | .138 | .180 | -1.788 |
| 190 | 547 | .201 | .114 | .176 | -.711 | 190 | 923 | -.259 | .175 | .373 | -.984 | 200 | 151 | -.298 | .132 | .146 | -.864 |
| 190 | 548 | .148 | .120 | .207 | -.627 | 190 | 924 | -.239 | .192 | .357 | -1.014 | 200 | 152 | -.289 | .141 | .145 | -.901 |
| 190 | 549 | .063 | .142 | .449 | -.615 | 190 | 925 | -.215 | .131 | .233 | -.747 | 200 | 153 | -.285 | .139 | .132 | -1.013 |
| 190 | 550 | .068 | .157 | .800 | -.446 | 190 | 926 | -.192 | .124 | .182 | -.693 | 200 | 154 | -.253 | .133 | .205 | -.785 |
| 190 | 551 | .177 | .139 | .722 | -.241 | 190 | 927 | -.278 | .154 | .199 | -.908 | 200 | 155 | -.222 | .128 | .253 | -.683 |
| 190 | 552 | .217 | .146 | .735 | -.320 | 190 | 928 | -.262 | .148 | .233 | -.770 | 200 | 156 | -.213 | .121 | .177 | -.556 |
| 190 | 553 | .152 | .204 | .895 | -.478 | 190 | 929 | -.248 | .155 | .263 | -.782 | 200 | 157 | -.207 | .103 | .160 | -.625 |
| 190 | 554 | .040 | .214 | .920 | -.674 | 190 | 930 | -.210 | .140 | .209 | -.866 | 200 | 158 | -.206 | .122 | .160 | -.625 |
| 190 | 555 | .217 | .108 | .154 | -.590 | 190 | 931 | -.187 | .131 | .230 | -.734 | 200 | 159 | -.205 | .123 | .170 | -.593 |
| 190 | 556 | .177 | .122 | .220 | -.586 | 190 | 932 | -.251 | .143 | .186 | -.977 | 200 | 160 | -.346 | .166 | .073 | -1.440 |
| 190 | 557 | .124 | .121 | .267 | -.561 | 190 | 933 | -.335 | .145 | .164 | -.953 | 200 | 161 | -.345 | .166 | .202 | -1.440 |
| 190 | 558 | .033 | .131 | .420 | -.473 | 190 | 934 | -.186 | .126 | .251 | -.617 | 200 | 162 | -.354 | .173 | .151 | -1.324 |
| 190 | 559 | .093 | .148 | .790 | -.409 | 190 | 935 | -.220 | .136 | .171 | -.969 | 200 | 163 | -.338 | .183 | .183 | -1.333 |
| 190 | 560 | .145 | .131 | .643 | -.299 | 190 | 936 | -.288 | .222 | .286 | -1.663 | 200 | 164 | -.368 | .180 | .059 | -1.204 |
| 190 | 570 | .161 | .147 | .740 | -.286 | 190 | 937 | -.196 | .117 | .187 | -.634 | 200 | 165 | -.366 | .194 | .210 | -1.095 |
| 190 | 571 | .111 | .179 | .852 | -.425 | 190 | 938 | -.276 | .156 | .179 | -1.020 | 200 | 166 | -.367 | .168 | .168 | -1.100 |
| 190 | 572 | .052 | .198 | .782 | -.615 | 190 | 939 | -.268 | .134 | .102 | -.966 | 200 | 167 | -.383 | .163 | .244 | -1.097 |
| 190 | 573 | .000 | .129 | .501 | -.468 | 190 | 940 | -.153 | .145 | .598 | -.732 | 200 | 168 | -.363 | .136 | .072 | -.923 |
| 190 | 574 | .096 | .120 | .538 | -.389 | 190 | 941 | -.195 | .116 | .215 | -.583 | 200 | 169 | -.360 | .112 | .024 | -.779 |
| 190 | 575 | .125 | .113 | .499 | -.360 | 190 | 942 | -.252 | .123 | .176 | -.741 | 200 | 170 | -.393 | .143 | .036 | -.853 |
| 190 | 576 | .186 | .120 | .170 | -.638 | 190 | 943 | -.104 | .136 | .385 | -.523 | 200 | 171 | -.405 | .127 | .011 | -.819 |
| 190 | 577 | .139 | .112 | .278 | -.527 | 190 | 944 | -.272 | .149 | .156 | -1.153 | 200 | 172 | -.376 | .136 | .030 | -.854 |
| 190 | 578 | .078 | .110 | .312 | -.544 | 190 | 945 | -.326 | .136 | .153 | -.810 | 200 | 173 | -.359 | .144 | .049 | -.972 |
| 190 | 579 | .005 | .109 | .343 | -.370 | 190 | 946 | -.165 | .122 | .212 | -.905 | 200 | 174 | -.315 | .127 | .062 | -.802 |
| 190 | 580 | .046 | .109 | .425 | -.396 | 190 | 947 | -.270 | .118 | .132 | -.745 | 200 | 175 | -.259 | .120 | .125 | -.642 |
| 190 | 581 | .030 | .115 | .630 | -.389 | 190 | 948 | -.248 | .113 | .105 | -.721 | 200 | 176 | -.219 | .109 | .201 | -.578 |
| 190 | 582 | .026 | .105 | .551 | -.273 | 190 | 949 | -.273 | .127 | .127 | -.794 | 200 | 177 | -.208 | .112 | .144 | -.685 |
| 190 | 584 | .032 | .113 | .393 | -.412 | 190 | 950 | -.223 | .124 | .188 | -.768 | 200 | 178 | -.207 | .111 | .280 | -.597 |
| 190 | 585 | .075 | .134 | .506 | -.512 | 190 | 951 | -.036 | .118 | .330 | -.779 | 200 | 179 | -.212 | .119 | .180 | -.636 |
| 190 | 901 | .684 | .217 | .032 | -1.530 | 190 | 952 | .045 | .111 | .289 | -.537 | 200 | 180 | -.380 | .198 | .167 | -1.592 |
| 190 | 902 | .588 | .185 | .017 | -1.214 | 190 | 953 | .115 | .135 | .337 | -.878 | 200 | 181 | -.388 | .185 | .204 | -1.340 |
| 190 | 903 | .472 | .192 | .090 | -1.352 | 190 | 954 | .049 | .122 | .383 | -.527 | 200 | 182 | -.383 | .176 | .094 | -.309 |
| 190 | 904 | .458 | .194 | .082 | -1.250 | 190 | 955 | .403 | .180 | .114 | -1.065 | 200 | 183 | -.367 | .180 | .118 | -1.243 |
| 190 | 905 | .428 | .234 | .352 | -1.739 | 190 | 956 | .248 | .130 | .160 | -.700 | 200 | 184 | -.381 | .181 | .363 | -1.384 |
| 190 | 906 | .603 | .233 | .046 | -1.757 | 190 | 957 | .229 | .118 | .214 | -.682 | 200 | 185 | -.366 | .191 | .118 | -1.309 |
| 190 | 907 | .537 | .208 | .215 | -1.598 | 190 | 958 | .255 | .132 | .138 | -.814 | 200 | 186 | -.355 | .173 | .108 | -1.092 |
| 190 | 908 | .420 | .217 | .335 | -1.369 | 190 | 959 | .321 | .192 | .178 | -1.572 | 200 | 187 | -.346 | .174 | .201 | -1.248 |
| 190 | 909 | .308 | .204 | .468 | -1.241 | 190 | 960 | .262 | .154 | .196 | -1.095 | 200 | 188 | -.311 | .143 | .115 | -.958 |
| 190 | 910 | .420 | .202 | .236 | -1.173 | 190 | 961 | .162 | .137 | .229 | -1.058 | 200 | 189 | -.278 | .132 | .195 | -.755 |
| 190 | 911 | .486 | .207 | .159 | -1.329 | 190 | 962 | .169 | .190 | .440 | -1.086 | 200 | 190 | -.291 | .142 | .079 | -.904 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 200 | 191 | -.297 | .125 | .104 | -.783 | 200 | 262 | -.371 | .163 | .081 | -1.590 | 200 | 512 | -.093 | .127 | .370 | -.602 |
| 200 | 192 | -.321 | .131 | .082 | -.885 | 200 | 263 | -.330 | .174 | .099 | -1.101 | 200 | 513 | .086 | .153 | .600 | -.352 |
| 200 | 193 | -.322 | .147 | .082 | -.909 | 200 | 264 | -.316 | .154 | .089 | -1.050 | 200 | 514 | .332 | .169 | .962 | -.137 |
| 200 | 194 | -.288 | .133 | .177 | -.823 | 200 | 265 | -.239 | .150 | .178 | -1.307 | 200 | 515 | .503 | .195 | 1.291 | -.058 |
| 200 | 195 | -.263 | .133 | .184 | -.740 | 200 | 266 | -.337 | .171 | .110 | -.984 | 200 | 516 | .490 | .213 | 1.212 | -.176 |
| 200 | 196 | -.220 | .119 | .130 | -.648 | 200 | 267 | -.339 | .173 | .128 | -1.214 | 200 | 517 | .297 | .188 | .960 | -.186 |
| 200 | 197 | -.213 | .122 | .161 | -.581 | 200 | 268 | -.314 | .153 | .136 | -.939 | 200 | 518 | .116 | .166 | .594 | -.445 |
| 200 | 198 | -.213 | .113 | .169 | -.561 | 200 | 269 | -.295 | .154 | .125 | -1.041 | 200 | 519 | -.228 | .124 | .202 | -.667 |
| 200 | 199 | -.211 | .110 | .167 | -.603 | 200 | 270 | -.284 | .133 | .137 | -1.723 | 200 | 520 | -.213 | .124 | .213 | -.644 |
| 200 | 200 | -.465 | .191 | .015 | -1.527 | 200 | 271 | -.294 | .146 | .150 | -.863 | 200 | 521 | -.096 | .146 | .386 | -.555 |
| 200 | 202 | -.433 | .192 | .263 | -1.501 | 200 | 272 | -.297 | .151 | .121 | -.832 | 200 | 522 | .068 | .153 | .662 | -.420 |
| 200 | 203 | -.404 | .198 | .186 | -1.361 | 200 | 273 | -.305 | .149 | .113 | -1.033 | 200 | 523 | .321 | .176 | .972 | -.279 |
| 200 | 204 | -.384 | .182 | .133 | -1.174 | 200 | 274 | -.266 | .150 | .231 | -.927 | 200 | 524 | .508 | .169 | 1.156 | -.037 |
| 200 | 205 | -.366 | .198 | .141 | -1.296 | 200 | 275 | -.261 | .133 | .142 | -.766 | 200 | 525 | .499 | .206 | 1.238 | -.219 |
| 200 | 206 | -.353 | .173 | .141 | -1.278 | 200 | 276 | -.230 | .134 | .146 | -.699 | 200 | 526 | -.224 | .172 | .902 | -.255 |
| 200 | 207 | -.354 | .163 | .108 | -1.192 | 200 | 277 | -.231 | .128 | .194 | -.741 | 200 | 527 | -.123 | .157 | .526 | -.626 |
| 200 | 208 | -.326 | .154 | .093 | -1.109 | 200 | 278 | -.233 | .124 | .157 | -.704 | 200 | 528 | -.409 | .128 | .040 | -.936 |
| 200 | 209 | -.291 | .147 | .153 | -.955 | 200 | 279 | -.247 | .119 | .123 | -.755 | 200 | 529 | -.393 | .128 | .073 | -.917 |
| 200 | 210 | -.286 | .130 | .111 | -.769 | 200 | 280 | -.370 | .185 | .119 | -1.220 | 200 | 530 | -.318 | .124 | .086 | -.710 |
| 200 | 211 | -.309 | .136 | .118 | -.823 | 200 | 281 | -.397 | .202 | .150 | -1.283 | 200 | 531 | -.088 | .147 | .404 | -.631 |
| 200 | 212 | -.331 | .160 | .101 | -.896 | 200 | 282 | -.348 | .146 | .087 | -.862 | 200 | 532 | .159 | .158 | .697 | -.278 |
| 200 | 213 | -.346 | .138 | .127 | -.881 | 200 | 283 | -.270 | .146 | .174 | -.980 | 200 | 533 | .385 | .175 | 1.210 | -.149 |
| 200 | 214 | -.346 | .139 | .104 | -.997 | 200 | 284 | -.209 | .118 | .148 | -.694 | 200 | 534 | .401 | .192 | 1.072 | -.115 |
| 200 | 215 | -.362 | .128 | .096 | -.895 | 200 | 285 | -.193 | .113 | .189 | -.584 | 200 | 535 | .196 | .167 | .764 | -.530 |
| 200 | 216 | -.343 | .115 | .025 | -.769 | 200 | 286 | -.217 | .133 | .152 | -.717 | 200 | 536 | -.082 | .171 | .485 | -.731 |
| 200 | 217 | -.330 | .126 | .113 | -.746 | 200 | 287 | -.212 | .116 | .186 | -.707 | 200 | 537 | -.316 | .121 | .112 | -.728 |
| 200 | 218 | -.358 | .117 | .060 | -.863 | 200 | 288 | -.203 | .121 | .205 | -.668 | 200 | 538 | .189 | .121 | .257 | -.634 |
| 200 | 219 | -.323 | .117 | .082 | -.696 | 200 | 289 | -.208 | .120 | .174 | -.675 | 200 | 539 | -.111 | .129 | .491 | -.572 |
| 200 | 220 | -.597 | .223 | .120 | -2.222 | 200 | 290 | -.213 | .125 | .210 | -.723 | 200 | 540 | .052 | .153 | .670 | -.534 |
| 200 | 221 | -.542 | .190 | .033 | -2.145 | 200 | 291 | -.223 | .139 | .186 | -.712 | 200 | 541 | .300 | .159 | .785 | -.173 |
| 200 | 222 | -.470 | .188 | .038 | -1.384 | 200 | 292 | -.271 | .138 | .119 | -.904 | 200 | 542 | .409 | .171 | 1.033 | -.135 |
| 200 | 223 | -.375 | .170 | .273 | -1.080 | 200 | 293 | -.311 | .127 | .161 | -.767 | 200 | 543 | .377 | .181 | 1.041 | -.135 |
| 200 | 224 | -.381 | .182 | .089 | -1.222 | 200 | 294 | -.306 | .134 | .134 | -.755 | 200 | 544 | .169 | .186 | .817 | -.405 |
| 200 | 225 | -.363 | .176 | .141 | -1.225 | 200 | 295 | -.361 | .139 | .119 | -.792 | 200 | 545 | -.047 | .188 | .565 | -.646 |
| 200 | 226 | -.362 | .162 | .081 | -1.004 | 200 | 296 | -.400 | .137 | .105 | -1.061 | 200 | 546 | -.220 | .126 | .196 | -.759 |
| 200 | 227 | -.357 | .178 | .142 | -1.078 | 200 | 297 | -.397 | .133 | .023 | -.824 | 200 | 547 | -.191 | .120 | .173 | -.594 |
| 200 | 228 | -.353 | .156 | .100 | -1.217 | 200 | 298 | -.329 | .125 | .009 | -1.051 | 200 | 548 | -.096 | .124 | .314 | -.464 |
| 200 | 229 | -.338 | .155 | .120 | -.964 | 200 | 299 | -.293 | .122 | .092 | -.734 | 200 | 549 | .046 | .138 | .515 | -.528 |
| 200 | 230 | -.338 | .152 | .094 | -1.140 | 200 | 401 | -.433 | .135 | .019 | -1.762 | 200 | 550 | .252 | .169 | .936 | -.444 |
| 200 | 231 | -.320 | .148 | .144 | -.942 | 200 | 463 | -.243 | .129 | .192 | -.679 | 200 | 551 | .288 | .156 | .954 | -.144 |
| 200 | 232 | -.309 | .154 | .160 | -1.283 | 200 | 501 | -.242 | .119 | .224 | -.637 | 200 | 552 | .228 | .138 | .785 | -.176 |
| 200 | 233 | -.319 | .153 | .084 | -.979 | 200 | 502 | -.214 | .130 | .132 | -.757 | 200 | 553 | .051 | .170 | .852 | -.520 |
| 200 | 234 | -.316 | .155 | .129 | -.914 | 200 | 503 | -.132 | .129 | .412 | -.612 | 200 | 554 | -.151 | .171 | .504 | -.736 |
| 200 | 235 | -.294 | .140 | .120 | -.810 | 200 | 504 | -.037 | .136 | .536 | -.492 | 200 | 554 | -.230 | .119 | .130 | -.668 |
| 200 | 236 | -.265 | .138 | .179 | -.850 | 200 | 505 | .139 | .149 | .644 | -.329 | 200 | 555 | -.165 | .120 | .212 | -.544 |
| 200 | 237 | -.232 | .120 | .144 | -.635 | 200 | 506 | .287 | .171 | .823 | -.239 | 200 | 556 | -.082 | .119 | .269 | -.491 |
| 200 | 238 | -.223 | .119 | .189 | -.638 | 200 | 507 | .269 | .195 | 1.018 | -.431 | 200 | 557 | .052 | .120 | .460 | -.323 |
| 200 | 239 | -.212 | .129 | .220 | -.829 | 200 | 508 | -.234 | .178 | .823 | -.349 | 200 | 558 | .214 | .147 | .699 | -.257 |
| 200 | 260 | -.448 | .172 | .033 | -1.455 | 200 | 510 | -.219 | .123 | .186 | -.744 | 200 | 559 | .233 | .142 | .860 | -.233 |
| 200 | 261 | -.430 | .183 | .051 | -1.788 | 200 | 511 | -.194 | .121 | .192 | -.565 | 200 | 570 | .152 | .122 | .594 | -.297 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 200 | 571 | .006 | .147 | .522 | -.576 | 200 | 938 | -.297 | .167 | .169 | -1.018 | 210 | 166 | -.350 | .140 | .048 | -1.096 |
| 200 | 572 | -.121 | .149 | .583 | -.642 | 200 | 939 | -.251 | .127 | .121 | -.809 | 210 | 167 | -.380 | .144 | .066 | -1.063 |
| 200 | 573 | .045 | .112 | .439 | -.367 | 200 | 940 | -.185 | .144 | .504 | -.864 | 210 | 168 | -.352 | .117 | .007 | -.852 |
| 200 | 574 | .128 | .113 | .607 | -.243 | 200 | 941 | -.240 | .127 | .158 | -.800 | 210 | 169 | -.353 | .120 | .008 | -.733 |
| 200 | 575 | .165 | .120 | .575 | -.188 | 200 | 942 | -.290 | .125 | .124 | -.668 | 210 | 170 | -.415 | .123 | .002 | -.879 |
| 200 | 576 | -.186 | .131 | .225 | -.667 | 200 | 943 | -.171 | .135 | .448 | -.768 | 210 | 171 | -.416 | .124 | .014 | -.892 |
| 200 | 577 | -.122 | .114 | .262 | -.493 | 200 | 944 | -.301 | .156 | .126 | -1.150 | 210 | 172 | -.384 | .118 | .002 | -.804 |
| 200 | 578 | .036 | .110 | .343 | -.459 | 200 | 945 | -.341 | .127 | .053 | -.893 | 210 | 173 | -.359 | .119 | .084 | -.861 |
| 200 | 579 | .046 | .107 | .417 | -.314 | 200 | 946 | -.186 | .152 | .206 | -1.116 | 210 | 174 | -.311 | .110 | .165 | -.663 |
| 200 | 580 | .059 | .118 | .615 | -.426 | 200 | 947 | -.304 | .120 | .064 | -.675 | 210 | 175 | -.267 | .112 | .079 | -.660 |
| 200 | 581 | .051 | .105 | .467 | -.309 | 200 | 948 | -.271 | .120 | .070 | -.666 | 210 | 176 | -.245 | .116 | .103 | -.623 |
| 200 | 582 | .038 | .101 | .378 | -.296 | 200 | 949 | -.322 | .156 | .058 | -1.429 | 210 | 177 | -.243 | .119 | .135 | -.749 |
| 200 | 584 | .049 | .118 | .362 | -.464 | 200 | 950 | -.284 | .166 | .157 | -1.212 | 210 | 178 | -.225 | .128 | .335 | -.693 |
| 200 | 585 | .151 | .118 | .369 | -.591 | 200 | 951 | -.052 | .134 | .517 | -.841 | 210 | 179 | -.250 | .119 | .090 | -.770 |
| 200 | 901 | -.527 | .187 | .046 | -1.274 | 200 | 952 | -.060 | .119 | .303 | -.797 | 210 | 180 | -.315 | .134 | .111 | -.800 |
| 200 | 902 | -.485 | .175 | .042 | -1.443 | 200 | 953 | -.127 | .143 | .323 | -.844 | 210 | 181 | -.318 | .137 | .119 | -1.050 |
| 200 | 903 | .433 | .185 | .135 | -1.282 | 200 | 954 | -.076 | .140 | .353 | -.763 | 210 | 182 | -.321 | .138 | .072 | -1.560 |
| 200 | 904 | -.428 | .175 | .064 | -1.251 | 200 | 955 | -.378 | .217 | .266 | -1.263 | 210 | 183 | -.335 | .149 | .173 | -.963 |
| 200 | 905 | .430 | .211 | .127 | -1.723 | 200 | 956 | -.241 | .136 | .219 | -.766 | 210 | 184 | -.355 | .150 | .072 | -1.190 |
| 200 | 906 | -.445 | .187 | .070 | -1.805 | 200 | 957 | -.244 | .132 | .242 | -.791 | 210 | 185 | -.357 | .155 | .183 | -1.251 |
| 200 | 907 | .427 | .193 | .135 | -1.246 | 200 | 958 | -.298 | .137 | .221 | -.838 | 210 | 186 | -.356 | .141 | .050 | -.869 |
| 200 | 908 | .402 | .191 | .158 | -1.364 | 200 | 959 | -.299 | .174 | .123 | -1.322 | 210 | 187 | -.352 | .140 | .087 | -1.067 |
| 200 | 909 | -.351 | .201 | .276 | -1.056 | 200 | 960 | -.277 | .143 | .112 | -1.007 | 210 | 188 | -.321 | .130 | .205 | -.810 |
| 200 | 910 | -.373 | .192 | .152 | -1.217 | 200 | 961 | -.196 | .145 | .225 | -.861 | 210 | 189 | -.287 | .118 | .096 | -.711 |
| 200 | 911 | .413 | .190 | .202 | -1.483 | 200 | 962 | -.182 | .203 | .606 | -1.333 | 210 | 190 | -.299 | .130 | .171 | -.780 |
| 200 | 912 | .353 | .195 | .305 | -1.117 | 210 | 140 | -.310 | .130 | .188 | -.749 | 210 | 191 | -.312 | .127 | .100 | -.762 |
| 200 | 913 | .336 | .175 | .262 | -1.142 | 210 | 141 | -.300 | .132 | .165 | -.879 | 210 | 192 | -.307 | .129 | .087 | -.893 |
| 200 | 914 | .418 | .168 | .025 | -1.248 | 210 | 142 | -.295 | .132 | .100 | -.862 | 210 | 193 | -.311 | .141 | .171 | -.757 |
| 200 | 915 | .341 | .161 | .070 | -1.043 | 210 | 143 | -.316 | .139 | .207 | -1.253 | 210 | 194 | -.300 | .130 | .048 | -.850 |
| 200 | 916 | .324 | .163 | .239 | -1.003 | 210 | 144 | -.329 | .151 | .197 | -1.025 | 210 | 195 | -.270 | .131 | .138 | -.760 |
| 200 | 917 | .208 | .119 | .177 | -.630 | 210 | 145 | -.345 | .161 | .106 | -1.278 | 210 | 196 | -.264 | .120 | .250 | -.681 |
| 200 | 919 | -.298 | .149 | .211 | -.887 | 210 | 146 | -.321 | .152 | .101 | -.924 | 210 | 197 | -.254 | .123 | .136 | -.896 |
| 200 | 920 | .321 | .163 | .185 | -.987 | 210 | 147 | -.320 | .140 | .105 | -.902 | 210 | 198 | -.244 | .120 | .136 | -.637 |
| 200 | 921 | .356 | .157 | .185 | -1.111 | 210 | 149 | -.268 | .138 | .143 | -.825 | 210 | 199 | -.241 | .116 | .163 | -.700 |
| 200 | 922 | .364 | .169 | .209 | -1.008 | 210 | 150 | -.287 | .135 | .226 | -.814 | 210 | 200 | -.371 | .151 | .047 | -1.125 |
| 200 | 923 | .304 | .169 | .496 | -.970 | 210 | 151 | -.302 | .135 | .202 | -.828 | 210 | 202 | -.353 | .148 | .100 | -1.238 |
| 200 | 924 | .300 | .186 | .273 | -1.305 | 210 | 152 | -.285 | .138 | .145 | -.826 | 210 | 203 | -.367 | .151 | .138 | -1.099 |
| 200 | 925 | .241 | .138 | .164 | -.800 | 210 | 153 | -.281 | .127 | .193 | -.814 | 210 | 204 | -.380 | .162 | .120 | -1.203 |
| 200 | 926 | .225 | .134 | .237 | -.789 | 210 | 154 | -.256 | .124 | .164 | -.834 | 210 | 205 | -.370 | .164 | .087 | -1.139 |
| 200 | 927 | .289 | .155 | .155 | -.833 | 210 | 155 | -.231 | .122 | .170 | -.666 | 210 | 206 | -.388 | .158 | .092 | -1.158 |
| 200 | 928 | .283 | .136 | .120 | -.856 | 210 | 156 | -.231 | .111 | .137 | -.616 | 210 | 207 | -.369 | .157 | .068 | -1.462 |
| 200 | 929 | .286 | .142 | .115 | -.960 | 210 | 157 | -.229 | .117 | .137 | -.682 | 210 | 208 | -.333 | .134 | .023 | -.904 |
| 200 | 930 | .249 | .139 | .180 | -.876 | 210 | 158 | -.210 | .123 | .157 | -.628 | 210 | 209 | -.310 | .131 | .165 | -.802 |
| 200 | 931 | .203 | .131 | .260 | -.878 | 210 | 159 | -.233 | .114 | .145 | -.597 | 210 | 210 | -.333 | .123 | .028 | -.735 |
| 200 | 932 | .260 | .143 | .172 | -.761 | 210 | 160 | -.282 | .122 | .113 | -.725 | 210 | 211 | -.349 | .131 | .068 | -.855 |
| 200 | 933 | .392 | .164 | .175 | -1.068 | 210 | 161 | -.281 | .135 | .199 | -1.036 | 210 | 212 | -.338 | .137 | .178 | -.856 |
| 200 | 934 | .224 | .130 | .175 | -.743 | 210 | 162 | -.293 | .138 | .218 | -.888 | 210 | 213 | -.354 | .140 | .002 | -.975 |
| 200 | 935 | .244 | .136 | .237 | -.721 | 210 | 163 | -.324 | .130 | .066 | -.833 | 210 | 214 | -.365 | .124 | .087 | -.760 |
| 200 | 936 | .282 | .225 | .346 | -1.796 | 210 | 164 | -.356 | .139 | .015 | -1.076 | 210 | 215 | -.364 | .120 | .023 | -.756 |
| 200 | 937 | .241 | .131 | .132 | -.845 | 210 | 165 | -.337 | .150 | .141 | -1.139 | 210 | 216 | -.372 | .125 | .002 | -.815 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 210 | 217 | -.391 | .126 | -.085 | -.963 | 210 | 287 | -.267 | .131 | .155 | -.830 | 210 | 537 | -.363 | .117 | .028 | -.751 |
| 210 | 218 | -.413 | .115 | -.004 | -.826 | 210 | 288 | -.246 | .123 | .166 | -.726 | 210 | 538 | -.148 | .120 | .252 | -.552 |
| 210 | 219 | -.383 | .128 | -.042 | -.887 | 210 | 289 | -.238 | .120 | .179 | -.648 | 210 | 539 | -.021 | .138 | .546 | -.546 |
| 210 | 220 | -.492 | .166 | -.004 | -1.601 | 210 | 290 | -.232 | .138 | .177 | -.689 | 210 | 540 | .170 | .161 | .802 | -.281 |
| 210 | 221 | -.477 | .160 | -.049 | -1.539 | 210 | 291 | -.265 | .136 | .268 | -.835 | 210 | 541 | .397 | .163 | .982 | -.080 |
| 210 | 222 | -.447 | .166 | -.043 | -1.465 | 210 | 292 | -.341 | .152 | .265 | -.871 | 210 | 542 | .477 | .177 | 1.126 | -.012 |
| 210 | 223 | -.406 | .153 | -.008 | -1.017 | 210 | 293 | -.355 | .153 | .156 | -.962 | 210 | 543 | .353 | .159 | .969 | -.092 |
| 210 | 224 | -.420 | .156 | -.008 | -1.290 | 210 | 294 | -.415 | .150 | .155 | -.918 | 210 | 544 | .088 | .161 | .738 | -.461 |
| 210 | 225 | -.408 | .154 | -.047 | -1.193 | 210 | 295 | -.449 | .150 | .051 | -1.183 | 210 | 545 | -.121 | .157 | .492 | -.687 |
| 210 | 226 | -.421 | .160 | -.005 | -.994 | 210 | 296 | -.493 | .147 | -.044 | -1.288 | 210 | 546 | -.249 | .139 | .362 | -.678 |
| 210 | 227 | -.407 | .166 | .068 | -1.427 | 210 | 297 | -.433 | .134 | .020 | -.884 | 210 | 547 | -.160 | .137 | .310 | -.620 |
| 210 | 228 | -.383 | .157 | .029 | -1.096 | 210 | 298 | -.383 | .116 | .037 | -.837 | 210 | 548 | -.031 | .129 | .390 | -.521 |
| 210 | 229 | -.361 | .140 | .027 | -.903 | 210 | 299 | -.322 | .128 | .105 | -.837 | 210 | 549 | .139 | .141 | .620 | -.276 |
| 210 | 230 | -.359 | .152 | .037 | -.897 | 210 | 401 | -.313 | .136 | .150 | -.894 | 210 | 550 | .331 | .157 | .910 | -.132 |
| 210 | 231 | -.363 | .141 | .192 | -.894 | 210 | 463 | -.291 | .147 | .192 | -.883 | 210 | 551 | .377 | .161 | .967 | -.129 |
| 210 | 232 | -.362 | .148 | .038 | -.936 | 210 | 501 | -.227 | .127 | .210 | -.686 | 210 | 552 | .268 | .145 | .836 | -.189 |
| 210 | 233 | -.373 | .157 | .155 | -1.033 | 210 | 502 | -.146 | .123 | .260 | -.531 | 210 | 553 | .019 | .145 | .643 | -.426 |
| 210 | 234 | -.337 | .148 | .179 | -.968 | 210 | 503 | -.029 | .135 | .523 | -.565 | 210 | 554 | -.178 | .141 | .385 | -.683 |
| 210 | 235 | -.309 | .132 | .139 | -.879 | 210 | 504 | .063 | .150 | .639 | -.408 | 210 | 564 | -.247 | .128 | .179 | -.625 |
| 210 | 236 | -.298 | .140 | .197 | -.881 | 210 | 505 | .228 | .170 | .840 | -.257 | 210 | 565 | -.174 | .126 | .250 | -.691 |
| 210 | 237 | -.278 | .120 | .129 | -.696 | 210 | 506 | .295 | .167 | .871 | -.300 | 210 | 566 | -.050 | .130 | .322 | -.507 |
| 210 | 238 | -.260 | .124 | .121 | -.672 | 210 | 507 | .222 | .176 | .920 | -.299 | 210 | 567 | .086 | .120 | .531 | -.364 |
| 210 | 239 | -.259 | .131 | .115 | -.774 | 210 | 508 | .157 | .164 | .808 | -.346 | 210 | 568 | .257 | .138 | .829 | -.168 |
| 210 | 260 | -.408 | .166 | .039 | -1.452 | 210 | 510 | -.199 | .117 | .161 | -.627 | 210 | 569 | .283 | .145 | .764 | -.152 |
| 210 | 261 | -.402 | .164 | .027 | -1.025 | 210 | 511 | -.115 | .134 | .376 | -.587 | 210 | 570 | .197 | .128 | .745 | -.228 |
| 210 | 262 | -.400 | .171 | .082 | -1.031 | 210 | 512 | .026 | .141 | .504 | -.395 | 210 | 571 | .009 | .122 | .524 | -.419 |
| 210 | 263 | -.395 | .170 | .100 | -1.120 | 210 | 513 | .223 | .162 | .840 | -.279 | 210 | 572 | -.146 | .124 | .325 | -.591 |
| 210 | 264 | -.367 | .161 | .085 | -.921 | 210 | 514 | .422 | .186 | 1.001 | -.234 | 210 | 573 | .066 | .111 | .584 | -.273 |
| 210 | 265 | -.380 | .156 | .213 | -1.118 | 210 | 515 | .543 | .202 | 1.258 | -.029 | 210 | 574 | .143 | .107 | .656 | -.254 |
| 210 | 266 | -.376 | .153 | .152 | -1.067 | 210 | 516 | .385 | .199 | 1.009 | -.105 | 210 | 575 | .213 | .114 | .644 | -.182 |
| 210 | 267 | -.382 | .164 | .173 | -1.036 | 210 | 517 | .184 | .169 | .832 | -.417 | 210 | 576 | -.221 | .129 | .200 | -.701 |
| 210 | 268 | -.370 | .159 | .081 | -.981 | 210 | 518 | .034 | .144 | .590 | -.409 | 210 | 577 | -.127 | .121 | .275 | -.711 |
| 210 | 269 | -.320 | .145 | .170 | -.936 | 210 | 519 | .220 | .113 | .125 | -.645 | 210 | 578 | .041 | .106 | .489 | -.419 |
| 210 | 270 | -.339 | .140 | .095 | -.958 | 210 | 520 | .151 | .120 | .335 | -.582 | 210 | 579 | .065 | .110 | .434 | -.252 |
| 210 | 271 | -.352 | .153 | .197 | -.889 | 210 | 521 | .014 | .145 | .493 | -.481 | 210 | 580 | .068 | .109 | .502 | -.281 |
| 210 | 272 | -.332 | .148 | .233 | -.976 | 210 | 522 | .218 | .176 | .810 | -.320 | 210 | 581 | .070 | .107 | .437 | -.366 |
| 210 | 273 | -.360 | .158 | .215 | -1.633 | 210 | 523 | .430 | .172 | 1.009 | -.045 | 210 | 582 | -.051 | .111 | .411 | -.304 |
| 210 | 274 | -.329 | .152 | .155 | -1.196 | 210 | 524 | .526 | .188 | 1.178 | -.002 | 210 | 584 | -.031 | .122 | .453 | -.400 |
| 210 | 275 | -.313 | .155 | .186 | -.963 | 210 | 525 | .414 | .203 | 1.161 | -.076 | 210 | 585 | -.148 | .109 | .231 | -.528 |
| 210 | 276 | -.297 | .133 | .074 | -1.075 | 210 | 526 | .110 | .162 | .704 | -.427 | 210 | 901 | -.457 | .157 | .039 | -1.659 |
| 210 | 277 | -.278 | .140 | .233 | -.961 | 210 | 527 | .200 | .147 | .293 | -.682 | 210 | 902 | -.425 | .147 | .101 | -1.143 |
| 210 | 278 | -.288 | .126 | .126 | -.704 | 210 | 528 | .437 | .115 | -.071 | -.811 | 210 | 903 | -.362 | .140 | .023 | -.961 |
| 210 | 279 | -.302 | .141 | .142 | -.866 | 210 | 529 | .338 | .136 | .112 | -.816 | 210 | 904 | -.372 | .156 | .074 | -1.039 |
| 210 | 280 | -.479 | .221 | .161 | -1.341 | 210 | 530 | -.210 | .139 | .226 | -.736 | 210 | 905 | -.398 | .193 | .139 | -1.175 |
| 210 | 281 | -.491 | .233 | .068 | -1.557 | 210 | 531 | .046 | .160 | .591 | -.455 | 210 | 906 | -.377 | .180 | .115 | -1.322 |
| 210 | 282 | -.429 | .154 | .203 | -1.133 | 210 | 532 | .288 | .169 | .863 | -.257 | 210 | 907 | -.352 | .166 | .115 | -1.191 |
| 210 | 283 | -.313 | .154 | .176 | -.936 | 210 | 533 | .379 | .193 | 1.238 | -.216 | 210 | 908 | -.363 | .199 | .307 | -1.266 |
| 210 | 284 | -.258 | .120 | .112 | -.669 | 210 | 534 | .341 | .190 | .962 | -.163 | 210 | 909 | -.365 | .181 | .242 | -1.162 |
| 210 | 285 | -.239 | .141 | .224 | -.821 | 210 | 535 | .112 | .163 | .631 | -.400 | 210 | 910 | -.355 | .180 | .254 | -1.215 |
| 210 | 286 | -.258 | .130 | .220 | -.720 | 210 | 536 | -.145 | .138 | .297 | -.555 | 210 | 911 | -.352 | .163 | .179 | -1.103 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 210 | 912 | -346 | 189 | 240 | -1.237 | 220 | 140 | -272 | 125 | 183 | -682 | 220 | 191 | -307 | 124 | 176 | -828 |
| 210 | 913 | -412 | 178 | 274 | -1.121 | 220 | 141 | -263 | 122 | 166 | -669 | 220 | 192 | -296 | 112 | 090 | -743 |
| 210 | 914 | -464 | 206 | 037 | -1.927 | 220 | 142 | -280 | 115 | 073 | -722 | 220 | 193 | -311 | 142 | 242 | -760 |
| 210 | 915 | -327 | 164 | 168 | -1.248 | 220 | 143 | -280 | 127 | 184 | -680 | 220 | 194 | -293 | 130 | 152 | -699 |
| 210 | 916 | -321 | 161 | 224 | -1.034 | 220 | 144 | -320 | 143 | 108 | -1.158 | 220 | 195 | -288 | 116 | 146 | -682 |
| 210 | 917 | -303 | 151 | 114 | -0.937 | 220 | 145 | -315 | 134 | 070 | -987 | 220 | 196 | -278 | 115 | 186 | -699 |
| 210 | 919 | -289 | 135 | 125 | -0.798 | 220 | 146 | -304 | 139 | 189 | -838 | 220 | 197 | -267 | 123 | 150 | -751 |
| 210 | 920 | -374 | 166 | 213 | -1.053 | 220 | 147 | -288 | 134 | 121 | -700 | 220 | 198 | -245 | 118 | 107 | -780 |
| 210 | 921 | -321 | 154 | 176 | -0.942 | 220 | 149 | -270 | 133 | 200 | -742 | 220 | 199 | -245 | 117 | 212 | -632 |
| 210 | 922 | -338 | 163 | 194 | -1.018 | 220 | 150 | -270 | 123 | 262 | -798 | 220 | 200 | -338 | 147 | 192 | -847 |
| 210 | 923 | -296 | 169 | 248 | -0.990 | 220 | 151 | -280 | 127 | 120 | -732 | 220 | 202 | -340 | 140 | 063 | -876 |
| 210 | 924 | -322 | 191 | 269 | -1.327 | 220 | 152 | -261 | 122 | 144 | -800 | 220 | 203 | -357 | 148 | 057 | -1.177 |
| 210 | 925 | -304 | 156 | 203 | -0.859 | 220 | 153 | -263 | 124 | 105 | -653 | 220 | 204 | -373 | 156 | 184 | -1.361 |
| 210 | 926 | -287 | 140 | 200 | -0.924 | 220 | 154 | -257 | 132 | 387 | -814 | 220 | 205 | -375 | 141 | 113 | -928 |
| 210 | 927 | -287 | 141 | 264 | -0.897 | 220 | 155 | -255 | 131 | 149 | -774 | 220 | 206 | -362 | 140 | 047 | -934 |
| 210 | 928 | -279 | 141 | 147 | -0.777 | 220 | 156 | -244 | 118 | 191 | -611 | 220 | 207 | -368 | 160 | 057 | -1.247 |
| 210 | 929 | -292 | 137 | 211 | -0.918 | 220 | 157 | -251 | 112 | 116 | -632 | 220 | 208 | -340 | 136 | 113 | -806 |
| 210 | 930 | -324 | 162 | 152 | -1.114 | 220 | 158 | -243 | 123 | 276 | -751 | 220 | 209 | -302 | 122 | 186 | -806 |
| 210 | 931 | -264 | 147 | 147 | -1.129 | 220 | 159 | -238 | 115 | 104 | -677 | 220 | 210 | -311 | 132 | 112 | -727 |
| 210 | 932 | -299 | 140 | 146 | -0.894 | 220 | 160 | -269 | 132 | 136 | -793 | 220 | 211 | -320 | 120 | 084 | -741 |
| 210 | 933 | -461 | 188 | 184 | -1.199 | 220 | 161 | -280 | 123 | 033 | -713 | 220 | 212 | -344 | 135 | 091 | -812 |
| 210 | 934 | -246 | 131 | 171 | -0.707 | 220 | 162 | -285 | 124 | 115 | -687 | 220 | 213 | -346 | 131 | 046 | -938 |
| 210 | 935 | -338 | 157 | 098 | -1.152 | 220 | 163 | -304 | 136 | 121 | -750 | 220 | 214 | -364 | 141 | 059 | -1.490 |
| 210 | 936 | -374 | 228 | 302 | -2.553 | 220 | 164 | -322 | 124 | 042 | -1.255 | 220 | 215 | -385 | 128 | 049 | -1.107 |
| 210 | 937 | -308 | 143 | 088 | -0.982 | 220 | 165 | -331 | 131 | 115 | -845 | 220 | 216 | -395 | 129 | 089 | -847 |
| 210 | 938 | -352 | 177 | 171 | -1.079 | 220 | 166 | -330 | 124 | 044 | -834 | 220 | 217 | -410 | 123 | 017 | -907 |
| 210 | 939 | -341 | 152 | 128 | -0.998 | 220 | 167 | -357 | 130 | 136 | -845 | 220 | 218 | -422 | 108 | 078 | -740 |
| 210 | 940 | -257 | 172 | 384 | -0.975 | 220 | 168 | -354 | 113 | 081 | -813 | 220 | 219 | -404 | 116 | 085 | -790 |
| 210 | 941 | -278 | 141 | 173 | -0.803 | 220 | 169 | -361 | 123 | 166 | -793 | 220 | 220 | -482 | 129 | 011 | -1.030 |
| 210 | 942 | -349 | 153 | 115 | -0.924 | 220 | 170 | -398 | 120 | 060 | -764 | 220 | 221 | -444 | 136 | 016 | -892 |
| 210 | 943 | -190 | 157 | 424 | -0.742 | 220 | 171 | -391 | 117 | 039 | -796 | 220 | 222 | -421 | 144 | 045 | -942 |
| 210 | 944 | -376 | 196 | 138 | -1.560 | 220 | 172 | -367 | 116 | 007 | -781 | 220 | 223 | -417 | 150 | 008 | -1.049 |
| 210 | 945 | -367 | 141 | 171 | -0.875 | 220 | 173 | -340 | 124 | 010 | -814 | 220 | 224 | -392 | 156 | 046 | -1.251 |
| 210 | 946 | -300 | 222 | 229 | -1.473 | 220 | 174 | -306 | 127 | 112 | -741 | 220 | 225 | -414 | 150 | 072 | -1.075 |
| 210 | 947 | -351 | 129 | 130 | -0.831 | 220 | 175 | -263 | 108 | 071 | -670 | 220 | 226 | -406 | 150 | 141 | -1.057 |
| 210 | 948 | -323 | 125 | 125 | -0.874 | 220 | 176 | -256 | 107 | 089 | -653 | 220 | 227 | -388 | 155 | 165 | -1.185 |
| 210 | 949 | -423 | 196 | 060 | -1.568 | 220 | 177 | -251 | 119 | 183 | -719 | 220 | 228 | -367 | 136 | 093 | -945 |
| 210 | 950 | -345 | 174 | 141 | -1.148 | 220 | 178 | -244 | 124 | 166 | -728 | 220 | 229 | -338 | 141 | 123 | -975 |
| 210 | 951 | -084 | 149 | 324 | -0.926 | 220 | 179 | -257 | 123 | 134 | -716 | 220 | 230 | -328 | 130 | 037 | -788 |
| 210 | 952 | -118 | 175 | 329 | -1.113 | 220 | 180 | -303 | 123 | 137 | -756 | 220 | 231 | -327 | 133 | 131 | -902 |
| 210 | 953 | -189 | 194 | 374 | -1.291 | 220 | 181 | -303 | 127 | 081 | -688 | 220 | 232 | -347 | 144 | 109 | -924 |
| 210 | 954 | -103 | 157 | 460 | -0.892 | 220 | 182 | -308 | 124 | 086 | -709 | 220 | 233 | -339 | 143 | 104 | -1.094 |
| 210 | 955 | -486 | 247 | 252 | -1.472 | 220 | 183 | -321 | 123 | 232 | -706 | 220 | 234 | -346 | 158 | 093 | -1.278 |
| 210 | 956 | -297 | 139 | 101 | -0.956 | 220 | 184 | -342 | 150 | 063 | -909 | 220 | 235 | -319 | 153 | 147 | -1.092 |
| 210 | 957 | -299 | 135 | 129 | -0.874 | 220 | 185 | -331 | 137 | 107 | -913 | 220 | 236 | -303 | 141 | 131 | -874 |
| 210 | 958 | -352 | 164 | 090 | -1.030 | 220 | 186 | -332 | 143 | 089 | -862 | 220 | 237 | -287 | 130 | 152 | -884 |
| 210 | 959 | -350 | 196 | 202 | -1.453 | 220 | 187 | -340 | 142 | 146 | -920 | 220 | 238 | -252 | 130 | 119 | -1.049 |
| 210 | 960 | -366 | 177 | 077 | -1.575 | 220 | 188 | -296 | 130 | 099 | -757 | 220 | 239 | -256 | 133 | 202 | -826 |
| 210 | 961 | -284 | 182 | 265 | -1.775 | 220 | 189 | -287 | 115 | 057 | -717 | 220 | 260 | -371 | 140 | 059 | -1.278 |
| 210 | 962 | -321 | 247 | 260 | -1.519 | 220 | 190 | -277 | 123 | 128 | -674 | 220 | 261 | -370 | 154 | 032 | -1.145 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 220 | 262 | 372 | 151 | 112 | 985 | 220 | 512 | 167 | 154 | 701 | 262 | 220 | 571 | 001 | 125 | 458 | 445 |
| 220 | 263 | 376 | 156 | 135 | 043 | 220 | 513 | 348 | 178 | 1024 | 231 | 220 | 572 | 157 | 122 | 304 | 609 |
| 220 | 264 | 379 | 140 | 063 | 179 | 220 | 514 | 472 | 183 | 1174 | 025 | 220 | 573 | 111 | 110 | 487 | 271 |
| 220 | 265 | 383 | 148 | 061 | 897 | 220 | 515 | 480 | 185 | 1066 | 048 | 220 | 574 | 149 | 109 | 383 | 188 |
| 220 | 266 | 369 | 151 | 168 | 900 | 220 | 516 | 291 | 170 | 907 | 207 | 220 | 575 | 200 | 108 | 650 | 127 |
| 220 | 267 | 353 | 144 | 127 | 790 | 220 | 517 | 077 | 151 | 611 | 469 | 220 | 576 | 223 | 140 | 260 | 700 |
| 220 | 268 | 348 | 142 | 184 | 958 | 220 | 518 | 062 | 133 | 429 | 447 | 220 | 577 | 108 | 110 | 199 | 527 |
| 220 | 269 | 311 | 134 | 183 | 818 | 220 | 519 | 180 | 111 | 266 | 658 | 220 | 578 | 007 | 112 | 401 | 349 |
| 220 | 270 | 308 | 140 | 133 | 750 | 220 | 520 | 062 | 128 | 519 | 516 | 220 | 579 | 091 | 104 | 459 | 299 |
| 220 | 271 | 322 | 153 | 280 | 071 | 220 | 521 | 155 | 156 | 833 | 302 | 220 | 580 | 077 | 104 | 450 | 262 |
| 220 | 272 | 329 | 143 | 219 | 983 | 220 | 522 | 330 | 169 | 928 | 196 | 220 | 581 | 079 | 114 | 483 | 471 |
| 220 | 273 | 326 | 154 | 120 | 071 | 220 | 523 | 505 | 179 | 1032 | 031 | 220 | 582 | 058 | 110 | 385 | 395 |
| 220 | 274 | 346 | 169 | 208 | 144 | 220 | 524 | 446 | 167 | 1018 | 056 | 220 | 584 | 037 | 112 | 334 | 438 |
| 220 | 275 | 313 | 146 | 184 | 891 | 220 | 525 | 276 | 173 | 863 | 234 | 220 | 585 | 154 | 117 | 268 | 544 |
| 220 | 276 | 327 | 155 | 167 | 031 | 220 | 526 | 016 | 151 | 469 | 596 | 220 | 901 | 426 | 142 | 002 | 1083 |
| 220 | 277 | 295 | 140 | 103 | 935 | 220 | 527 | 307 | 141 | 213 | 851 | 220 | 902 | 391 | 142 | 061 | 1022 |
| 220 | 278 | 297 | 149 | 154 | 091 | 220 | 528 | 424 | 121 | 041 | 905 | 220 | 903 | 352 | 148 | 082 | 911 |
| 220 | 279 | 326 | 148 | 155 | 043 | 220 | 529 | 244 | 130 | 297 | 691 | 220 | 904 | 350 | 153 | 143 | 1036 |
| 220 | 280 | 463 | 204 | 097 | 454 | 220 | 530 | 082 | 151 | 503 | 603 | 220 | 905 | 354 | 169 | 119 | 1485 |
| 220 | 281 | 466 | 222 | 086 | 523 | 220 | 531 | 150 | 179 | 814 | 342 | 220 | 906 | 359 | 168 | 143 | 1427 |
| 220 | 282 | 396 | 150 | 046 | 984 | 220 | 532 | 374 | 194 | 975 | 122 | 220 | 907 | 315 | 144 | 188 | 966 |
| 220 | 283 | 333 | 153 | 186 | 034 | 220 | 533 | 370 | 181 | 1033 | 157 | 220 | 908 | 330 | 170 | 229 | 1093 |
| 220 | 284 | 255 | 125 | 162 | 711 | 220 | 534 | 210 | 175 | 825 | 249 | 220 | 909 | 352 | 175 | 113 | 1441 |
| 220 | 285 | 230 | 141 | 226 | 769 | 220 | 535 | 035 | 153 | 525 | 527 | 220 | 910 | 335 | 163 | 241 | 1176 |
| 220 | 286 | 240 | 139 | 260 | 751 | 220 | 536 | 276 | 138 | 278 | 843 | 220 | 911 | 321 | 163 | 192 | 1210 |
| 220 | 287 | 281 | 152 | 142 | 965 | 220 | 537 | 355 | 138 | 074 | 837 | 220 | 912 | 322 | 169 | 196 | 1134 |
| 220 | 288 | 261 | 145 | 231 | 833 | 220 | 538 | 088 | 124 | 358 | 491 | 220 | 913 | 455 | 170 | 121 | 1228 |
| 220 | 289 | 225 | 141 | 173 | 701 | 220 | 539 | 101 | 151 | 633 | 406 | 220 | 914 | 464 | 226 | 145 | 1348 |
| 220 | 290 | 238 | 146 | 271 | 783 | 220 | 540 | 275 | 160 | 968 | 180 | 220 | 915 | 295 | 155 | 188 | 950 |
| 220 | 291 | 264 | 151 | 150 | 777 | 220 | 541 | 403 | 157 | 991 | 072 | 220 | 916 | 282 | 152 | 314 | 789 |
| 220 | 292 | 347 | 158 | 199 | 942 | 220 | 542 | 415 | 166 | 1033 | 130 | 220 | 917 | 324 | 170 | 174 | 1210 |
| 220 | 293 | 379 | 150 | 231 | 950 | 220 | 543 | 269 | 164 | 952 | 159 | 220 | 919 | 279 | 133 | 131 | 794 |
| 220 | 294 | 422 | 142 | 197 | 907 | 220 | 544 | 026 | 133 | 511 | 421 | 220 | 920 | 383 | 165 | 153 | 1300 |
| 220 | 295 | 448 | 154 | 055 | 280 | 220 | 545 | 194 | 136 | 244 | 609 | 220 | 921 | 310 | 152 | 235 | 1075 |
| 220 | 296 | 483 | 156 | 107 | 097 | 220 | 546 | 192 | 140 | 297 | 636 | 220 | 922 | 306 | 156 | 161 | 1134 |
| 220 | 297 | 481 | 158 | 054 | 433 | 220 | 547 | 082 | 125 | 326 | 538 | 220 | 923 | 291 | 158 | 315 | 914 |
| 220 | 298 | 402 | 145 | 029 | 405 | 220 | 548 | 058 | 132 | 569 | 353 | 220 | 924 | 312 | 184 | 410 | 1390 |
| 220 | 299 | 358 | 157 | 098 | 368 | 220 | 549 | 222 | 139 | 663 | 201 | 220 | 925 | 338 | 161 | 155 | 1181 |
| 220 | 401 | 264 | 124 | 150 | 722 | 220 | 550 | 369 | 172 | 914 | 140 | 220 | 926 | 302 | 156 | 306 | 903 |
| 220 | 463 | 298 | 144 | 167 | 081 | 220 | 551 | 332 | 148 | 875 | 112 | 220 | 927 | 275 | 140 | 217 | 1036 |
| 220 | 501 | 189 | 115 | 165 | 574 | 220 | 552 | 197 | 147 | 907 | 307 | 220 | 928 | 263 | 129 | 129 | 810 |
| 220 | 502 | 072 | 127 | 448 | 506 | 220 | 553 | 030 | 130 | 437 | 483 | 220 | 929 | 274 | 134 | 122 | 699 |
| 220 | 503 | 057 | 139 | 372 | 400 | 220 | 554 | 204 | 124 | 310 | 638 | 220 | 930 | 353 | 183 | 389 | 1290 |
| 220 | 504 | 179 | 173 | 822 | 313 | 220 | 556 | 217 | 131 | 186 | 694 | 220 | 931 | 352 | 188 | 094 | 1220 |
| 220 | 505 | 268 | 171 | 892 | 278 | 220 | 565 | 123 | 120 | 339 | 524 | 220 | 932 | 305 | 156 | 172 | 1202 |
| 220 | 506 | 264 | 165 | 843 | 279 | 220 | 566 | 003 | 126 | 524 | 414 | 220 | 933 | 448 | 209 | 190 | 1305 |
| 220 | 507 | 162 | 163 | 731 | 300 | 220 | 567 | 150 | 126 | 686 | 263 | 220 | 934 | 306 | 142 | 105 | 803 |
| 220 | 508 | 081 | 140 | 685 | 368 | 220 | 568 | 263 | 135 | 817 | 127 | 220 | 935 | 334 | 176 | 126 | 1284 |
| 220 | 510 | 144 | 115 | 237 | 318 | 220 | 569 | 281 | 148 | 766 | 151 | 220 | 936 | 363 | 217 | 235 | 1621 |
| 220 | 511 | 021 | 130 | 439 | 443 | 220 | 570 | 175 | 127 | 694 | 246 | 220 | 937 | 323 | 162 | 163 | 921 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 220 | 938 | -.349 | .182 | .344 | -1.406 | 230 | 166 | -.320 | .124 | .059 | -.764 | 230 | 217 | -.417 | .142 | -.016 | -1.283 |
| 220 | 939 | -.318 | .180 | .204 | -1.139 | 230 | 167 | -.333 | .126 | .141 | -.805 | 230 | 218 | -.460 | .128 | -.041 | -1.847 |
| 220 | 940 | -.258 | .179 | .367 | -.973 | 230 | 168 | -.329 | .112 | .084 | -.743 | 230 | 219 | -.430 | .140 | -.035 | -1.210 |
| 220 | 941 | -.290 | .132 | .280 | -.967 | 230 | 169 | -.366 | .122 | .076 | -.838 | 230 | 220 | -.504 | .142 | -.090 | -1.366 |
| 220 | 942 | -.345 | .181 | .134 | -1.224 | 230 | 170 | -.377 | .119 | .018 | -.764 | 230 | 221 | -.465 | .150 | -.048 | -1.110 |
| 220 | 943 | -.221 | .162 | .378 | -.996 | 230 | 171 | -.377 | .112 | .041 | -.720 | 230 | 222 | -.432 | .162 | -.016 | -1.423 |
| 220 | 944 | -.394 | .215 | .253 | -1.289 | 230 | 172 | -.378 | .123 | .011 | -.845 | 230 | 223 | -.423 | .147 | -.072 | -1.014 |
| 220 | 945 | -.367 | .165 | .249 | -1.051 | 230 | 173 | -.340 | .124 | .065 | -.779 | 230 | 224 | -.398 | .169 | .086 | -1.130 |
| 220 | 946 | -.385 | .237 | .280 | -1.705 | 230 | 174 | -.300 | .124 | .097 | -.891 | 230 | 225 | -.409 | .158 | .084 | -1.349 |
| 220 | 947 | -.349 | .143 | .166 | -.945 | 230 | 175 | -.282 | .130 | .130 | -.795 | 230 | 226 | -.377 | .156 | .119 | -.931 |
| 220 | 948 | -.311 | .146 | .197 | -.832 | 230 | 176 | -.263 | .123 | .147 | -.937 | 230 | 227 | -.362 | .167 | .168 | -.939 |
| 220 | 949 | -.337 | .187 | .157 | -1.311 | 230 | 177 | -.240 | .125 | .125 | -.712 | 230 | 228 | -.333 | .151 | .191 | -.951 |
| 220 | 950 | -.345 | .200 | .204 | -1.068 | 230 | 178 | -.236 | .129 | .144 | -.790 | 230 | 229 | -.304 | .144 | .160 | -.773 |
| 220 | 951 | -.130 | .154 | .291 | -.769 | 230 | 179 | -.252 | .136 | .141 | -.787 | 230 | 230 | -.299 | .143 | .273 | -.840 |
| 220 | 952 | -.152 | .166 | .386 | -.900 | 230 | 180 | -.295 | .128 | .103 | -.768 | 230 | 231 | -.326 | .155 | .201 | -1.127 |
| 220 | 953 | -.222 | .213 | .383 | -1.485 | 230 | 181 | -.292 | .126 | .054 | -.725 | 230 | 232 | -.360 | .171 | .104 | -1.358 |
| 220 | 954 | -.152 | .183 | .391 | -.882 | 230 | 182 | -.287 | .124 | .073 | -.809 | 230 | 233 | -.367 | .182 | .248 | -1.448 |
| 220 | 955 | -.306 | .248 | .284 | -1.585 | 230 | 183 | -.328 | .133 | .086 | -.895 | 230 | 234 | -.374 | .171 | .037 | -1.257 |
| 220 | 956 | -.321 | .134 | .132 | -.901 | 230 | 184 | -.322 | .134 | .187 | -.845 | 230 | 235 | -.391 | .166 | -.015 | -1.194 |
| 220 | 957 | -.302 | .139 | .191 | -.882 | 230 | 185 | -.352 | .136 | .092 | -.902 | 230 | 236 | -.360 | .174 | .114 | -1.266 |
| 220 | 958 | -.363 | .162 | .294 | -1.151 | 230 | 186 | -.331 | .138 | .152 | -.904 | 230 | 237 | -.307 | .170 | .230 | -1.279 |
| 220 | 959 | -.379 | .211 | .350 | -1.650 | 230 | 187 | -.323 | .132 | .113 | -.703 | 230 | 238 | -.278 | .135 | .116 | -1.006 |
| 220 | 960 | -.364 | .192 | .155 | -1.347 | 230 | 188 | -.289 | .131 | .124 | -.738 | 230 | 239 | -.301 | .171 | .121 | -1.224 |
| 220 | 961 | -.324 | .216 | .194 | -2.471 | 230 | 189 | -.266 | .122 | .179 | -.697 | 230 | 260 | -.389 | .175 | .074 | -1.182 |
| 230 | 962 | -.311 | .239 | .358 | -1.595 | 230 | 190 | -.266 | .124 | .228 | -.674 | 230 | 261 | -.399 | .164 | .037 | -1.092 |
| 230 | 140 | -.251 | .113 | .114 | -.627 | 230 | 191 | -.292 | .113 | .048 | -.638 | 230 | 262 | -.415 | .182 | .032 | -1.825 |
| 230 | 141 | -.248 | .129 | .251 | -.710 | 230 | 192 | -.295 | .138 | .100 | -.909 | 230 | 263 | -.379 | .169 | .327 | -.988 |
| 230 | 142 | -.261 | .126 | .175 | -.715 | 230 | 193 | -.306 | .130 | .098 | -.866 | 230 | 264 | -.376 | .172 | .101 | -1.073 |
| 230 | 143 | -.265 | .123 | .189 | -.630 | 230 | 194 | -.305 | .143 | .140 | -.953 | 230 | 265 | -.360 | .181 | .205 | -1.123 |
| 230 | 144 | -.280 | .129 | .168 | -.780 | 230 | 195 | -.303 | .145 | .092 | -.881 | 230 | 266 | -.366 | .167 | .275 | -1.125 |
| 230 | 145 | -.282 | .140 | .138 | -.910 | 230 | 196 | -.290 | .127 | .094 | -.845 | 230 | 267 | -.316 | .175 | .161 | -1.013 |
| 230 | 146 | -.289 | .124 | .087 | -.807 | 230 | 197 | -.276 | .133 | .094 | -.703 | 230 | 268 | -.317 | .145 | .260 | -.785 |
| 230 | 147 | -.262 | .127 | .165 | -.726 | 230 | 198 | -.264 | .127 | .138 | -.722 | 230 | 269 | -.317 | .162 | .295 | -.857 |
| 230 | 149 | -.250 | .119 | .132 | -.805 | 230 | 199 | -.263 | .134 | .130 | -.766 | 230 | 270 | -.281 | .167 | .282 | -.922 |
| 230 | 150 | -.258 | .129 | .097 | -.742 | 230 | 200 | -.334 | .135 | .051 | -.822 | 230 | 271 | -.295 | .169 | .225 | -.926 |
| 230 | 151 | -.267 | .131 | .121 | -.711 | 230 | 202 | -.340 | .140 | .030 | -1.050 | 230 | 272 | -.318 | .180 | .170 | -1.159 |
| 230 | 152 | -.269 | .130 | .099 | -.691 | 230 | 203 | -.358 | .156 | .135 | -1.005 | 230 | 273 | -.338 | .188 | .310 | -1.383 |
| 230 | 153 | -.264 | .130 | .116 | -.818 | 230 | 204 | -.381 | .163 | .117 | -1.230 | 230 | 274 | -.396 | .206 | .180 | -1.619 |
| 230 | 154 | -.248 | .126 | .162 | -.773 | 230 | 205 | -.374 | .171 | .166 | -1.210 | 230 | 275 | -.363 | .178 | .171 | -1.400 |
| 230 | 155 | -.253 | .125 | .165 | -.661 | 230 | 206 | -.357 | .137 | .046 | -.948 | 230 | 276 | -.377 | .192 | .139 | -1.314 |
| 230 | 156 | -.241 | .120 | .102 | -.715 | 230 | 207 | -.359 | .149 | .124 | -1.146 | 230 | 277 | -.356 | .203 | .158 | -1.477 |
| 230 | 157 | -.242 | .119 | .095 | -.611 | 230 | 208 | -.326 | .137 | .105 | -.809 | 230 | 278 | -.385 | .197 | .145 | -1.271 |
| 230 | 158 | -.222 | .127 | .187 | -.670 | 230 | 209 | -.279 | .123 | .127 | -.690 | 230 | 279 | -.422 | .185 | .078 | -1.107 |
| 230 | 159 | -.235 | .116 | .137 | -.773 | 230 | 210 | -.294 | .126 | .102 | -.768 | 230 | 280 | -.479 | .245 | .083 | -1.529 |
| 230 | 160 | -.266 | .116 | .173 | -.784 | 230 | 211 | -.314 | .140 | .136 | -.850 | 230 | 281 | -.432 | .215 | .128 | -1.584 |
| 230 | 161 | -.272 | .119 | .122 | -.715 | 230 | 212 | -.323 | .156 | .111 | -1.069 | 230 | 282 | -.440 | .191 | .024 | -1.486 |
| 230 | 162 | -.264 | .122 | .081 | -.665 | 230 | 213 | -.346 | .138 | .084 | -.849 | 230 | 283 | -.309 | .181 | .253 | -1.150 |
| 230 | 163 | -.291 | .128 | .103 | -.824 | 230 | 214 | -.393 | .150 | .033 | -1.596 | 230 | 284 | -.227 | .154 | .282 | -.968 |
| 230 | 164 | -.309 | .131 | .095 | -.765 | 230 | 215 | -.407 | .157 | .022 | -1.140 | 230 | 285 | -.188 | .153 | .320 | -.788 |
| 230 | 165 | -.297 | .140 | .100 | -1.196 | 230 | 216 | -.442 | .159 | .035 | -1.485 | 230 | 286 | -.221 | .155 | .276 | -.741 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 230 | 287 | -.219 | .157 | .409 | -.817 | 230 | 537 | -.332 | .152 | .154 | -1.023 | 230 | 912 | -.299 | .161 | .239 | -1.044 |
| 230 | 288 | -.192 | .137 | .344 | -.660 | 230 | 538 | .014 | .142 | .636 | -.368 | 230 | 913 | -.484 | .216 | .082 | -1.637 |
| 230 | 289 | -.163 | .141 | .347 | -.702 | 230 | 539 | .218 | .163 | .829 | -.218 | 230 | 914 | -.457 | .189 | .115 | -1.393 |
| 230 | 290 | -.147 | .138 | .307 | -.650 | 230 | 540 | .343 | .166 | .948 | -.160 | 230 | 915 | -.296 | .152 | .174 | -1.139 |
| 230 | 291 | -.215 | .152 | .224 | -.849 | 230 | 541 | .417 | .185 | 1.071 | -.116 | 230 | 916 | -.280 | .143 | .188 | -.917 |
| 230 | 292 | -.292 | .141 | .162 | -.999 | 230 | 542 | .333 | .172 | .910 | -.187 | 230 | 917 | -.385 | .207 | .046 | -1.458 |
| 230 | 293 | -.338 | .135 | .090 | -.925 | 230 | 543 | .134 | .156 | .781 | -.400 | 230 | 919 | -.271 | .140 | .234 | -.879 |
| 230 | 294 | -.365 | .156 | .036 | -1.079 | 230 | 544 | -.116 | .140 | .378 | -.541 | 230 | 920 | -.393 | .181 | .210 | -1.235 |
| 230 | 295 | -.426 | .157 | .033 | -1.271 | 230 | 545 | -.268 | .143 | .211 | -.784 | 230 | 921 | -.281 | .145 | .187 | -.952 |
| 230 | 296 | -.497 | .165 | .072 | -1.669 | 230 | 546 | -.165 | .146 | .423 | -.632 | 230 | 922 | -.284 | .164 | .201 | -1.058 |
| 230 | 297 | -.573 | .215 | .004 | -1.669 | 230 | 547 | -.015 | .134 | .587 | -.457 | 230 | 923 | -.288 | .142 | .209 | -.896 |
| 230 | 298 | -.448 | .192 | .121 | -1.576 | 230 | 548 | .176 | .149 | .843 | -.311 | 230 | 924 | -.290 | .164 | .253 | -1.006 |
| 230 | 299 | -.423 | .202 | .123 | -1.303 | 230 | 549 | .292 | .161 | .972 | -.165 | 230 | 925 | -.302 | .167 | .149 | -2.014 |
| 230 | 401 | -.254 | .124 | .140 | -.667 | 230 | 550 | .363 | .167 | .967 | -.165 | 230 | 926 | -.314 | .171 | .202 | -1.191 |
| 230 | 463 | -.314 | .177 | .226 | -1.205 | 230 | 551 | .336 | .164 | .995 | -.188 | 230 | 927 | -.271 | .142 | .204 | -.744 |
| 230 | 501 | .132 | .120 | .263 | -.338 | 230 | 552 | .140 | .145 | .611 | -.380 | 230 | 928 | -.275 | .136 | .158 | -.706 |
| 230 | 502 | .015 | .141 | .485 | -.568 | 230 | 553 | -.099 | .136 | .388 | -.648 | 230 | 929 | -.260 | .134 | .161 | -.787 |
| 230 | 503 | .166 | .170 | .769 | -.410 | 230 | 554 | .264 | .140 | .164 | -.791 | 230 | 930 | -.269 | .181 | .187 | -1.329 |
| 230 | 504 | .240 | .180 | .894 | -.265 | 230 | 554 | -.200 | .143 | .290 | -.709 | 230 | 931 | -.287 | .175 | .187 | -.990 |
| 230 | 505 | .296 | .171 | .821 | -.230 | 230 | 555 | .054 | .154 | .566 | -.623 | 230 | 932 | -.247 | .171 | .250 | -1.400 |
| 230 | 506 | .211 | .164 | .835 | -.339 | 230 | 556 | .084 | .150 | .749 | -.341 | 230 | 933 | -.385 | .215 | .183 | -1.329 |
| 230 | 507 | .053 | .156 | .610 | -.560 | 230 | 557 | .191 | .131 | .828 | -.171 | 230 | 934 | -.253 | .169 | .277 | -2.005 |
| 230 | 508 | .004 | .130 | .431 | -.422 | 230 | 558 | .280 | .135 | .760 | -.217 | 230 | 935 | -.275 | .175 | .188 | -2.164 |
| 230 | 510 | .077 | .129 | .354 | -.489 | 230 | 559 | .232 | .139 | .730 | -.230 | 230 | 936 | -.333 | .219 | .267 | -1.449 |
| 230 | 511 | .080 | .159 | .645 | -.442 | 230 | 570 | .121 | .138 | .540 | -.390 | 230 | 937 | -.279 | .174 | .210 | -1.374 |
| 230 | 512 | .309 | .170 | 1.027 | -.289 | 230 | 571 | -.045 | .141 | .403 | -.524 | 230 | 938 | -.257 | .189 | .271 | -1.423 |
| 230 | 513 | .464 | .203 | 1.180 | -.191 | 230 | 572 | -.212 | .158 | .299 | -.722 | 230 | 939 | -.239 | .172 | .259 | -1.032 |
| 230 | 514 | .492 | .197 | 1.269 | -.210 | 230 | 573 | .139 | .118 | .591 | -.232 | 230 | 940 | -.203 | .173 | .443 | -.833 |
| 230 | 515 | .404 | .190 | 1.099 | -.176 | 230 | 574 | .178 | .110 | .582 | -.183 | 230 | 941 | -.145 | .158 | .347 | -.817 |
| 230 | 516 | .203 | .169 | .800 | -.329 | 230 | 575 | .200 | .119 | .638 | -.255 | 230 | 942 | -.193 | .156 | .261 | -1.227 |
| 230 | 517 | .035 | .136 | .493 | -.506 | 230 | 576 | -.237 | .137 | .242 | -.769 | 230 | 943 | -.241 | .166 | .331 | -1.083 |
| 230 | 518 | .135 | .132 | .308 | -.657 | 230 | 577 | .084 | .121 | .357 | -.511 | 230 | 944 | -.273 | .183 | .182 | -1.837 |
| 230 | 519 | .118 | .126 | .302 | -.570 | 230 | 578 | .049 | .121 | .467 | -.408 | 230 | 945 | -.280 | .162 | .131 | -1.124 |
| 230 | 520 | .037 | .148 | .591 | -.408 | 230 | 579 | .133 | .119 | .579 | -.228 | 230 | 946 | -.356 | .177 | .141 | -1.272 |
| 230 | 521 | .305 | .188 | .932 | -.198 | 230 | 580 | .126 | .126 | .574 | -.267 | 230 | 947 | -.259 | .150 | .260 | -.775 |
| 230 | 522 | .449 | .169 | 1.089 | -.013 | 230 | 581 | .107 | .114 | .463 | -.343 | 230 | 948 | -.216 | .144 | .273 | -.918 |
| 230 | 523 | .530 | .186 | 1.202 | -.031 | 230 | 582 | .076 | .110 | .438 | -.309 | 230 | 949 | -.189 | .153 | .224 | -1.040 |
| 230 | 524 | .397 | .196 | 1.042 | -.146 | 230 | 584 | .062 | .114 | .299 | -.400 | 230 | 950 | -.194 | .164 | .368 | -.933 |
| 230 | 525 | .133 | .165 | .800 | -.390 | 230 | 585 | .212 | .116 | .179 | -.600 | 230 | 951 | -.192 | .173 | .294 | -.854 |
| 230 | 526 | .148 | .138 | .319 | -.644 | 230 | 901 | .417 | .158 | .017 | -1.235 | 230 | 952 | -.192 | .175 | .278 | -1.105 |
| 230 | 527 | .375 | .128 | .056 | -.768 | 230 | 902 | -.381 | .141 | .057 | -.987 | 230 | 953 | -.192 | .177 | .330 | -.975 |
| 230 | 528 | .402 | .135 | .093 | -.882 | 230 | 903 | -.313 | .136 | .112 | -.822 | 230 | 954 | -.194 | .185 | .330 | -1.045 |
| 230 | 529 | .153 | .140 | .319 | -.610 | 230 | 904 | -.313 | .137 | .093 | -.922 | 230 | 955 | -.423 | .210 | .156 | -1.377 |
| 230 | 530 | .066 | .162 | .628 | -.425 | 230 | 905 | -.327 | .151 | .152 | -1.102 | 230 | 956 | -.292 | .145 | .143 | -.900 |
| 230 | 531 | .244 | .179 | .824 | -.363 | 230 | 906 | -.323 | .171 | .172 | -1.251 | 230 | 957 | -.269 | .185 | .213 | -1.046 |
| 230 | 532 | .329 | .171 | 1.036 | -.351 | 230 | 907 | -.286 | .152 | .120 | -1.124 | 230 | 958 | -.286 | .183 | .287 | -.991 |
| 230 | 533 | .274 | .173 | .893 | -.200 | 230 | 908 | -.327 | .163 | .182 | -.895 | 230 | 959 | -.319 | .231 | .284 | -1.955 |
| 230 | 534 | .084 | .161 | .604 | -.494 | 230 | 909 | -.323 | .166 | .134 | -1.045 | 230 | 960 | -.268 | .165 | .194 | -1.075 |
| 230 | 535 | .155 | .143 | .443 | -.579 | 230 | 910 | -.311 | .157 | .182 | -1.021 | 230 | 961 | -.260 | .169 | .194 | -1.042 |
| 230 | 536 | .333 | .129 | .143 | -.724 | 230 | 911 | -.311 | .170 | .149 | -1.178 | 230 | 962 | -.284 | .198 | .330 | -1.286 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 240 | 140 | -.206 | .113 | .204 | -.676 | 240 | 191 | -.286 | .135 | .160 | -.912 | 240 | 262 | -.362 | .185 | .249 | -1.143 |
| 240 | 141 | -.192 | .116 | .202 | -.622 | 240 | 192 | -.328 | .132 | .052 | -1.016 | 240 | 263 | -.353 | .186 | .199 | -1.051 |
| 240 | 142 | -.196 | .113 | .185 | -.554 | 240 | 193 | -.313 | .147 | .121 | -.923 | 240 | 264 | -.327 | .165 | .408 | -1.021 |
| 240 | 143 | -.209 | .120 | .196 | -.637 | 240 | 194 | -.323 | .162 | .097 | -1.148 | 240 | 265 | -.331 | .205 | .369 | -1.387 |
| 240 | 144 | -.223 | .129 | .218 | -.750 | 240 | 195 | -.315 | .156 | .124 | -1.163 | 240 | 266 | -.283 | .175 | .738 | -1.056 |
| 240 | 145 | -.246 | .123 | .162 | -.673 | 240 | 196 | -.291 | .140 | .126 | -.844 | 240 | 267 | -.274 | .166 | .273 | -.924 |
| 240 | 146 | -.232 | .129 | .260 | -.734 | 240 | 197 | -.280 | .135 | .144 | -.942 | 240 | 268 | -.274 | .155 | .319 | -.896 |
| 240 | 147 | -.247 | .127 | .251 | -.849 | 240 | 198 | -.269 | .136 | .174 | -.794 | 240 | 269 | -.249 | .149 | .179 | -.808 |
| 240 | 149 | -.233 | .130 | .179 | -.755 | 240 | 199 | -.256 | .140 | .118 | -1.378 | 240 | 270 | -.251 | .151 | .230 | -.827 |
| 240 | 150 | -.223 | .130 | .146 | -.683 | 240 | 200 | -.263 | .129 | .193 | -.672 | 240 | 271 | -.283 | .171 | .253 | -1.003 |
| 240 | 151 | -.225 | .124 | .169 | -.687 | 240 | 202 | -.258 | .137 | .166 | -.833 | 240 | 272 | -.284 | .183 | .212 | -1.031 |
| 240 | 152 | -.245 | .132 | .177 | -.716 | 240 | 203 | -.283 | .142 | .246 | -.795 | 240 | 273 | -.326 | .189 | .199 | -1.278 |
| 240 | 153 | -.251 | .137 | .169 | -.717 | 240 | 204 | -.311 | .151 | .099 | -.997 | 240 | 274 | -.344 | .181 | .135 | -1.496 |
| 240 | 154 | -.264 | .139 | .143 | -1.109 | 240 | 205 | -.332 | .162 | .124 | -.964 | 240 | 275 | -.370 | .197 | .212 | -1.147 |
| 240 | 155 | -.245 | .137 | .174 | -1.037 | 240 | 206 | -.308 | .159 | .176 | -.930 | 240 | 276 | -.394 | .184 | .150 | -1.206 |
| 240 | 156 | -.240 | .122 | .130 | -.717 | 240 | 207 | -.289 | .147 | .166 | -1.005 | 240 | 277 | -.392 | .192 | .211 | -1.326 |
| 240 | 157 | -.238 | .117 | .121 | -.676 | 240 | 208 | -.288 | .124 | .116 | -.722 | 240 | 278 | -.443 | .185 | .140 | -1.363 |
| 240 | 158 | -.239 | .130 | .221 | -.821 | 240 | 209 | -.259 | .136 | .127 | -.812 | 240 | 279 | -.502 | .198 | .061 | -1.702 |
| 240 | 159 | -.223 | .125 | .176 | -.758 | 240 | 210 | -.264 | .132 | .152 | -.844 | 240 | 280 | -.346 | .210 | .150 | -1.374 |
| 240 | 160 | -.208 | .117 | .227 | -.626 | 240 | 211 | -.319 | .148 | .096 | -.958 | 240 | 281 | -.331 | .208 | .188 | -1.855 |
| 240 | 161 | -.215 | .113 | .180 | -.608 | 240 | 212 | -.353 | .181 | .148 | -1.088 | 240 | 282 | -.336 | .185 | .230 | -1.139 |
| 240 | 162 | -.222 | .118 | .162 | -.653 | 240 | 213 | -.359 | .171 | .158 | -1.069 | 240 | 283 | -.329 | .190 | .248 | -1.054 |
| 240 | 163 | -.231 | .121 | .151 | -.645 | 240 | 214 | -.425 | .195 | .126 | -1.466 | 240 | 284 | -.279 | .192 | .289 | -1.310 |
| 240 | 164 | -.242 | .117 | .143 | -.752 | 240 | 215 | -.429 | .165 | .026 | -1.319 | 240 | 285 | -.189 | .156 | .391 | -.858 |
| 240 | 165 | -.254 | .125 | .147 | -.758 | 240 | 216 | -.430 | .155 | .035 | -1.023 | 240 | 286 | -.189 | .163 | .293 | -.900 |
| 240 | 166 | -.270 | .119 | .146 | -.723 | 240 | 217 | -.459 | .153 | -.042 | -1.378 | 240 | 287 | -.149 | .143 | .261 | -.839 |
| 240 | 167 | -.301 | .124 | .132 | -.805 | 240 | 218 | -.515 | .154 | .116 | -1.074 | 240 | 288 | -.137 | .139 | .246 | -.658 |
| 240 | 168 | -.325 | .111 | .017 | -.769 | 240 | 219 | -.469 | .168 | .049 | -1.231 | 240 | 289 | -.118 | .130 | .281 | -.644 |
| 240 | 169 | -.336 | .119 | .157 | -.755 | 240 | 220 | -.405 | .161 | .085 | -1.057 | 240 | 290 | -.142 | .126 | .253 | -.696 |
| 240 | 170 | -.361 | .110 | .014 | -.723 | 240 | 221 | -.361 | .162 | .103 | -1.203 | 240 | 291 | -.176 | .135 | .251 | -.731 |
| 240 | 171 | -.361 | .125 | .074 | -.801 | 240 | 222 | -.376 | .172 | .077 | -.980 | 240 | 292 | -.236 | .149 | .183 | -1.149 |
| 240 | 172 | -.384 | .139 | .146 | -1.019 | 240 | 223 | -.346 | .153 | .093 | -.996 | 240 | 293 | -.277 | .141 | .142 | -.759 |
| 240 | 173 | -.351 | .148 | .108 | -1.245 | 240 | 224 | -.345 | .166 | .186 | -1.046 | 240 | 294 | -.292 | .129 | .107 | -.737 |
| 240 | 174 | -.329 | .148 | .052 | -1.095 | 240 | 225 | -.333 | .168 | .117 | -1.051 | 240 | 295 | -.364 | .135 | .022 | -.911 |
| 240 | 175 | -.304 | .138 | .076 | -.853 | 240 | 226 | -.294 | .154 | .164 | -.967 | 240 | 296 | -.456 | .151 | .122 | -1.097 |
| 240 | 176 | -.284 | .135 | .171 | -.830 | 240 | 227 | -.322 | .176 | .263 | -1.224 | 240 | 297 | -.522 | .174 | .055 | -1.260 |
| 240 | 177 | -.254 | .131 | .188 | -1.177 | 240 | 228 | -.303 | .152 | .138 | -.840 | 240 | 298 | -.410 | .194 | .225 | -1.493 |
| 240 | 178 | -.232 | .125 | .190 | -.708 | 240 | 229 | -.281 | .148 | .209 | -.843 | 240 | 299 | -.370 | .194 | .163 | -1.392 |
| 240 | 179 | -.257 | .131 | .190 | -.745 | 240 | 230 | -.285 | .142 | .158 | -.736 | 240 | 401 | -.201 | .126 | .236 | -.615 |
| 240 | 180 | -.231 | .120 | .110 | -.676 | 240 | 231 | -.343 | .167 | .163 | -.884 | 240 | 463 | -.252 | .177 | .359 | -1.204 |
| 240 | 181 | -.214 | .125 | .174 | -.734 | 240 | 232 | -.395 | .193 | .117 | -1.602 | 240 | 501 | -.059 | .134 | .492 | -.477 |
| 240 | 182 | -.234 | .121 | .154 | -.670 | 240 | 233 | -.396 | .169 | .136 | -1.057 | 240 | 502 | -.126 | .157 | .648 | -.316 |
| 240 | 183 | -.252 | .130 | .140 | -.723 | 240 | 234 | -.424 | .194 | .267 | -1.313 | 240 | 503 | -.231 | .164 | .779 | -.367 |
| 240 | 184 | -.277 | .127 | .088 | -.797 | 240 | 235 | -.410 | .185 | .181 | -1.219 | 240 | 504 | -.294 | .174 | .918 | -.157 |
| 240 | 185 | -.286 | .136 | .143 | -.978 | 240 | 236 | -.377 | .169 | .158 | -1.269 | 240 | 505 | -.250 | .175 | .809 | -.369 |
| 240 | 186 | -.275 | .133 | .155 | -.701 | 240 | 237 | -.384 | .187 | .126 | -1.288 | 240 | 506 | -.136 | .162 | .731 | -.424 |
| 240 | 187 | -.268 | .123 | .219 | -.748 | 240 | 238 | -.375 | .201 | .105 | -1.297 | 240 | 507 | -.026 | .136 | .397 | -.469 |
| 240 | 188 | -.265 | .132 | .087 | -.683 | 240 | 239 | -.386 | .175 | .098 | -1.173 | 240 | 508 | -.047 | .127 | .394 | -.543 |
| 240 | 189 | -.236 | .120 | .177 | -.653 | 240 | 240 | -.321 | .173 | .161 | -1.031 | 240 | 510 | -.017 | .144 | .493 | -.457 |
| 240 | 190 | -.238 | .131 | .191 | -.712 | 240 | 261 | -.343 | .180 | .192 | -.982 | 240 | 511 | -.193 | .165 | .797 | -.326 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|------|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 240 | 5112 | .425 | .186 | 1.310 | -.185 | 240 | 571 | -.104 | .142 | .431 | -.575 | 240 | 938 | -.231 | .164 | .285 | -.938 |
| 240 | 5113 | .515 | .199 | 1.207 | -.069 | 240 | 572 | -.202 | .145 | .250 | -.717 | 240 | 939 | -.135 | .152 | .404 | -.793 |
| 240 | 5114 | .456 | .193 | 1.071 | -.102 | 240 | 573 | -.180 | .122 | .664 | -.203 | 240 | 940 | -.198 | .169 | .224 | -1.089 |
| 240 | 5115 | .277 | .178 | .890 | -.198 | 240 | 574 | .171 | .111 | .531 | -.246 | 240 | 941 | -.136 | .147 | .323 | -1.081 |
| 240 | 5116 | .052 | .147 | .535 | -.508 | 240 | 575 | .130 | .114 | .507 | -.213 | 240 | 942 | -.141 | .140 | .338 | -.688 |
| 240 | 5117 | .102 | .118 | .298 | -.545 | 240 | 576 | -.138 | .157 | .355 | -.775 | 240 | 943 | -.242 | .153 | .205 | -.979 |
| 240 | 5118 | .167 | .113 | .190 | -.548 | 240 | 577 | .008 | .159 | .595 | -.462 | 240 | 944 | -.235 | .143 | .293 | -.826 |
| 240 | 5119 | .023 | .139 | .727 | -.414 | 240 | 578 | .122 | .120 | .536 | -.291 | 240 | 945 | -.275 | .209 | .230 | -1.445 |
| 240 | 5120 | .159 | .160 | .727 | -.414 | 240 | 579 | .161 | .121 | .577 | -.185 | 240 | 946 | -.300 | .148 | .132 | -.885 |
| 240 | 5121 | .399 | .185 | 1.062 | -.075 | 240 | 580 | .143 | .106 | .476 | -.238 | 240 | 947 | -.177 | .146 | .444 | -.982 |
| 240 | 5122 | .550 | .201 | 1.228 | -.031 | 240 | 581 | .114 | .115 | .509 | -.342 | 240 | 948 | -.176 | .160 | .284 | -1.031 |
| 240 | 5123 | .504 | .197 | 1.114 | -.046 | 240 | 582 | .072 | .111 | .433 | -.309 | 240 | 949 | -.136 | .148 | .451 | -.861 |
| 240 | 5124 | .269 | .165 | .882 | -.163 | 240 | 583 | -.108 | .120 | .286 | -.505 | 240 | 950 | -.112 | .143 | .340 | -.800 |
| 240 | 5125 | .010 | .143 | .557 | -.629 | 240 | 584 | -.287 | .121 | .519 | -.699 | 240 | 951 | -.173 | .187 | .245 | -1.464 |
| 240 | 5126 | .215 | .130 | .216 | -.629 | 240 | 901 | -.406 | .180 | .112 | -1.643 | 240 | 952 | -.195 | .186 | .241 | -1.015 |
| 240 | 5127 | .360 | .124 | .006 | -.794 | 240 | 902 | -.369 | .144 | .062 | -.904 | 240 | 953 | -.126 | .133 | .260 | -.562 |
| 240 | 5128 | .321 | .150 | .331 | -.812 | 240 | 903 | -.313 | .143 | .109 | -.846 | 240 | 954 | -.120 | .125 | .306 | -.565 |
| 240 | 5129 | .031 | .135 | .493 | -.467 | 240 | 904 | -.300 | .136 | .096 | -.829 | 240 | 955 | -.382 | .226 | .229 | -1.436 |
| 240 | 5130 | .192 | .175 | .734 | -.338 | 240 | 905 | -.299 | .141 | .068 | -.787 | 240 | 956 | -.324 | .188 | .281 | -1.599 |
| 240 | 5131 | .295 | .190 | 1.006 | -.216 | 240 | 906 | -.324 | .189 | .223 | -1.748 | 240 | 957 | -.248 | .182 | .191 | -1.471 |
| 240 | 5132 | .305 | .178 | 1.008 | -.160 | 240 | 907 | -.293 | .167 | .187 | -1.357 | 240 | 958 | -.254 | .215 | .420 | -1.515 |
| 240 | 5133 | .144 | .154 | .707 | -.286 | 240 | 908 | -.274 | .152 | .207 | -.849 | 240 | 959 | -.275 | .199 | .295 | -1.356 |
| 240 | 5134 | .044 | .153 | .547 | -.482 | 240 | 909 | -.301 | .147 | .160 | -.910 | 240 | 960 | -.201 | .129 | .237 | -.783 |
| 240 | 5135 | .211 | .126 | .174 | -.781 | 240 | 910 | -.301 | .164 | .187 | -1.210 | 240 | 961 | -.192 | .143 | .201 | -.723 |
| 240 | 5136 | .304 | .125 | .091 | -.724 | 240 | 911 | -.271 | .163 | .173 | -1.129 | 240 | 962 | -.228 | .150 | .202 | -1.157 |
| 240 | 5137 | .291 | .168 | .360 | -.912 | 240 | 912 | -.284 | .161 | .212 | -.887 | 250 | 140 | -.167 | .125 | .263 | -.540 |
| 240 | 5138 | .101 | .148 | .737 | -.403 | 240 | 913 | -.385 | .215 | .185 | -1.242 | 250 | 141 | -.158 | .121 | .309 | -.628 |
| 240 | 5139 | .299 | .176 | 1.008 | -.182 | 240 | 914 | -.394 | .228 | .155 | -1.620 | 250 | 142 | -.153 | .118 | .227 | -.633 |
| 240 | 5140 | .421 | .176 | 1.160 | -.036 | 240 | 915 | -.253 | .146 | .159 | -.863 | 250 | 143 | -.158 | .125 | .256 | -.584 |
| 240 | 5141 | .389 | .185 | 1.074 | -.073 | 240 | 916 | -.268 | .155 | .209 | -.928 | 250 | 144 | -.164 | .132 | .219 | -.564 |
| 240 | 5142 | .223 | .159 | .820 | -.248 | 240 | 917 | -.385 | .188 | .149 | -1.168 | 250 | 145 | -.189 | .128 | .263 | -.705 |
| 240 | 5143 | .006 | .132 | .504 | -.543 | 240 | 918 | -.226 | .130 | .237 | -.834 | 250 | 146 | -.219 | .151 | .240 | -1.014 |
| 240 | 5144 | .165 | .129 | .331 | -.557 | 240 | 920 | -.372 | .204 | .168 | -2.009 | 250 | 147 | -.226 | .145 | .247 | -.734 |
| 240 | 5145 | .260 | .127 | .137 | -.737 | 240 | 921 | -.257 | .166 | .209 | -.921 | 250 | 149 | -.203 | .163 | .330 | -.868 |
| 240 | 5146 | .115 | .139 | .286 | -.576 | 240 | 922 | -.265 | .150 | .232 | -.987 | 250 | 150 | -.197 | .147 | .226 | -.795 |
| 240 | 5147 | .061 | .147 | .626 | -.403 | 240 | 923 | -.270 | .156 | .284 | -1.054 | 250 | 151 | -.200 | .133 | .224 | -.693 |
| 240 | 5148 | .273 | .167 | .828 | -.355 | 240 | 924 | -.276 | .160 | .287 | -.937 | 250 | 152 | -.243 | .142 | .173 | -.912 |
| 240 | 5149 | .320 | .166 | 1.033 | -.152 | 240 | 925 | -.268 | .164 | .271 | -1.037 | 250 | 153 | -.288 | .177 | .194 | -1.152 |
| 240 | 5150 | .329 | .177 | 1.122 | -.114 | 240 | 926 | -.304 | .195 | .241 | -1.160 | 250 | 154 | -.281 | .187 | .217 | -1.284 |
| 240 | 5151 | .185 | .161 | .811 | -.319 | 240 | 927 | -.241 | .142 | .207 | -.959 | 250 | 155 | -.293 | .176 | .319 | -1.011 |
| 240 | 5152 | .015 | .145 | .468 | -.581 | 240 | 928 | -.235 | .136 | .234 | -.754 | 250 | 156 | -.274 | .161 | .173 | -.856 |
| 240 | 5153 | .139 | .141 | .276 | -.781 | 240 | 929 | -.230 | .137 | .196 | -.706 | 250 | 157 | -.283 | .163 | .174 | -.915 |
| 240 | 5154 | .262 | .141 | .236 | -.750 | 240 | 930 | -.209 | .147 | .270 | -1.092 | 250 | 158 | -.278 | .168 | .153 | -1.289 |
| 240 | 5155 | .136 | .151 | .433 | -.633 | 240 | 931 | -.211 | .151 | .190 | -1.035 | 250 | 159 | -.273 | .173 | .174 | -1.139 |
| 240 | 5156 | .030 | .145 | .580 | -.453 | 240 | 932 | -.222 | .181 | .485 | -1.339 | 250 | 160 | -.166 | .129 | .245 | -.603 |
| 240 | 5157 | .192 | .179 | .862 | -.310 | 240 | 933 | -.355 | .239 | .285 | -1.850 | 250 | 161 | -.155 | .126 | .323 | -.536 |
| 240 | 5158 | .245 | .141 | .785 | -.142 | 240 | 934 | -.286 | .190 | .245 | -1.407 | 250 | 162 | -.162 | .133 | .407 | -.547 |
| 240 | 5159 | .235 | .126 | .734 | -.165 | 240 | 935 | -.204 | .153 | .396 | -.940 | 250 | 163 | -.162 | .131 | .360 | -.704 |
| 240 | 5160 | .146 | .138 | .788 | -.297 | 240 | 936 | -.266 | .179 | .335 | -1.199 | 250 | 164 | -.191 | .128 | .182 | -.582 |
| 240 | 5161 | .029 | .142 | .623 | -.433 | 240 | 937 | -.253 | .159 | .213 | -1.065 | 250 | 165 | -.211 | .152 | .217 | -.672 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 250 | 166 | - .252 | .151 | .183 | -.750 | 250 | 217 | -.473 | .168 | -.039 | -1.685 | 250 | 287 | -.170 | .148 | .276 | -.797 |
| 250 | 167 | -.271 | .144 | .153 | -.831 | 250 | 218 | -.526 | .163 | -.070 | -1.270 | 250 | 288 | -.145 | .133 | .261 | -.607 |
| 250 | 168 | -.315 | .148 | .113 | -.972 | 250 | 219 | -.494 | .164 | -.011 | -1.574 | 250 | 289 | -.139 | .125 | .219 | -.630 |
| 250 | 169 | -.327 | .144 | .109 | -.757 | 250 | 220 | -.287 | .122 | .073 | -.721 | 250 | 290 | -.150 | .136 | .357 | -.668 |
| 250 | 170 | -.336 | .125 | .016 | -.822 | 250 | 221 | -.254 | .119 | .154 | -.708 | 250 | 291 | -.194 | .133 | .287 | -.691 |
| 250 | 171 | -.313 | .133 | .228 | -.858 | 250 | 222 | -.254 | .138 | .241 | -.923 | 250 | 292 | -.240 | .127 | .165 | -.762 |
| 250 | 172 | -.342 | .160 | .081 | -1.090 | 250 | 223 | -.247 | .142 | .160 | -.744 | 250 | 293 | -.268 | .122 | .145 | -.810 |
| 250 | 173 | -.312 | .132 | .126 | -1.080 | 250 | 224 | -.251 | .146 | .247 | -.734 | 250 | 294 | -.288 | .128 | .133 | -.779 |
| 250 | 174 | -.319 | .158 | .274 | -1.096 | 250 | 225 | -.274 | .147 | .175 | -.867 | 250 | 295 | -.332 | .118 | .062 | -.819 |
| 250 | 175 | -.286 | .172 | .297 | -1.029 | 250 | 226 | -.279 | .162 | .251 | -1.241 | 250 | 296 | -.411 | .144 | .045 | -1.024 |
| 250 | 176 | -.275 | .143 | .170 | -1.062 | 250 | 227 | -.283 | .152 | .203 | -.879 | 250 | 297 | -.484 | .156 | .053 | -1.334 |
| 250 | 177 | -.284 | .158 | .154 | -1.029 | 250 | 228 | -.293 | .142 | .121 | -1.063 | 250 | 298 | -.331 | .164 | .131 | -1.343 |
| 250 | 178 | -.279 | .163 | .204 | -1.254 | 250 | 229 | -.268 | .141 | .190 | -.708 | 250 | 299 | -.255 | .161 | .200 | -.971 |
| 250 | 179 | -.282 | .167 | .191 | -1.418 | 250 | 230 | -.274 | .139 | .131 | -.716 | 250 | 401 | -.169 | .122 | .248 | -.597 |
| 250 | 180 | -.159 | .112 | .191 | -.542 | 250 | 231 | -.288 | .169 | .185 | -1.075 | 250 | 463 | -.184 | .156 | .378 | -.902 |
| 250 | 181 | -.169 | .113 | .244 | -.535 | 250 | 232 | -.337 | .186 | .165 | -1.144 | 250 | 501 | -.014 | .153 | .522 | -.610 |
| 250 | 182 | -.169 | .117 | .212 | -.540 | 250 | 233 | -.351 | .171 | .131 | -.976 | 250 | 502 | .195 | .168 | .973 | -.395 |
| 250 | 183 | -.190 | .110 | .244 | -.552 | 250 | 234 | -.370 | .190 | .136 | -1.231 | 250 | 503 | .279 | .173 | .871 | -.313 |
| 250 | 184 | -.203 | .125 | .367 | -.660 | 250 | 235 | -.350 | .179 | .168 | -1.211 | 250 | 504 | .281 | .171 | .922 | -.214 |
| 250 | 185 | -.228 | .122 | .153 | -.598 | 250 | 236 | -.359 | .172 | .147 | -1.109 | 250 | 505 | .198 | .163 | .737 | -.361 |
| 250 | 186 | -.249 | .143 | .183 | -.836 | 250 | 237 | -.397 | .183 | .236 | -1.252 | 250 | 506 | -.028 | .143 | .664 | -.528 |
| 250 | 187 | -.241 | .137 | .234 | -.793 | 250 | 238 | -.403 | .189 | .163 | -1.195 | 250 | 507 | -.122 | .133 | .309 | -.673 |
| 250 | 188 | -.243 | .139 | .223 | -.878 | 250 | 239 | -.416 | .198 | .142 | -1.528 | 250 | 508 | -.097 | .117 | .264 | -.509 |
| 250 | 189 | -.222 | .131 | .172 | -.739 | 250 | 260 | -.215 | .149 | .191 | -.913 | 250 | 510 | .084 | .161 | .568 | -.478 |
| 250 | 190 | -.211 | .130 | .253 | -.653 | 250 | 261 | -.222 | .139 | .159 | -.917 | 250 | 511 | .271 | .183 | 1.049 | -.301 |
| 250 | 191 | -.239 | .144 | .239 | -.776 | 250 | 262 | -.242 | .162 | .163 | -1.070 | 250 | 512 | .489 | .207 | 1.148 | -.113 |
| 250 | 192 | -.284 | .156 | .200 | -.990 | 250 | 263 | -.248 | .150 | .244 | -.950 | 250 | 513 | .518 | .192 | 1.171 | -.083 |
| 250 | 193 | -.280 | .159 | .214 | -1.069 | 250 | 264 | -.256 | .163 | .423 | -.913 | 250 | 514 | .369 | .176 | 1.026 | -.230 |
| 250 | 194 | -.306 | .179 | .156 | -1.287 | 250 | 265 | -.267 | .169 | .251 | -.971 | 250 | 515 | .148 | .168 | .703 | -.349 |
| 250 | 195 | -.282 | .186 | .314 | -.957 | 250 | 266 | -.273 | .158 | .284 | -1.068 | 250 | 516 | -.058 | .133 | .409 | -.529 |
| 250 | 196 | -.287 | .174 | .176 | -1.054 | 250 | 267 | -.247 | .152 | .272 | -.893 | 250 | 517 | -.142 | .118 | .279 | -.539 |
| 250 | 197 | -.289 | .163 | .263 | -1.027 | 250 | 268 | -.255 | .152 | .154 | -.987 | 250 | 518 | -.173 | .113 | .185 | -.650 |
| 250 | 198 | -.284 | .157 | .223 | -1.099 | 250 | 269 | -.257 | .153 | .275 | -.876 | 250 | 519 | .057 | .155 | .570 | -.442 |
| 250 | 199 | -.317 | .183 | .181 | -1.221 | 250 | 270 | -.241 | .143 | .191 | -.761 | 250 | 520 | .264 | .172 | .851 | -.224 |
| 250 | 200 | -.180 | .136 | .255 | -.640 | 250 | 271 | -.287 | .163 | .247 | -.861 | 250 | 521 | .478 | .200 | 1.090 | -.057 |
| 250 | 202 | -.197 | .126 | .204 | -.619 | 250 | 272 | -.285 | .163 | .131 | -.887 | 250 | 522 | .529 | .169 | 1.102 | -.026 |
| 250 | 203 | -.214 | .131 | .172 | -.603 | 250 | 273 | -.276 | .169 | .221 | -.936 | 250 | 523 | .402 | .183 | 1.069 | -.108 |
| 250 | 204 | -.236 | .141 | .191 | -.749 | 250 | 274 | -.286 | .157 | .191 | -.833 | 250 | 524 | .139 | .154 | .626 | -.374 |
| 250 | 205 | -.258 | .151 | .200 | -.834 | 250 | 275 | -.314 | .163 | .211 | -.900 | 250 | 525 | -.110 | .127 | .358 | -.506 |
| 250 | 206 | -.274 | .163 | .295 | -.925 | 250 | 276 | -.329 | .167 | .155 | -1.047 | 250 | 526 | -.241 | .119 | .165 | -.633 |
| 250 | 207 | -.266 | .158 | .241 | -.932 | 250 | 277 | -.374 | .181 | .127 | -1.193 | 250 | 527 | -.296 | .125 | .140 | -.695 |
| 250 | 208 | -.266 | .152 | .219 | -1.008 | 250 | 278 | -.456 | .189 | .039 | -1.361 | 250 | 528 | -.243 | .154 | .340 | -.956 |
| 250 | 209 | -.240 | .151 | .299 | -.871 | 250 | 279 | -.493 | .191 | -.014 | -1.361 | 250 | 529 | -.051 | .165 | .613 | -.501 |
| 250 | 210 | -.220 | .148 | .387 | -.770 | 250 | 280 | -.193 | .147 | .281 | -1.066 | 250 | 530 | .230 | .193 | .975 | -.316 |
| 250 | 211 | -.270 | .156 | .232 | -.864 | 250 | 281 | -.208 | .151 | .259 | -.890 | 250 | 531 | .287 | .177 | .994 | -.170 |
| 250 | 212 | -.312 | .190 | .186 | -1.087 | 250 | 282 | -.224 | .156 | .223 | -.979 | 250 | 532 | .211 | .166 | .823 | -.386 |
| 250 | 213 | -.334 | .182 | .214 | -1.052 | 250 | 283 | -.214 | .155 | .345 | -.860 | 250 | 533 | .022 | .150 | .539 | -.484 |
| 250 | 214 | -.369 | .180 | .242 | -1.236 | 250 | 284 | -.228 | .148 | .302 | -.794 | 250 | 534 | -.148 | .131 | .386 | -.642 |
| 250 | 215 | -.418 | .182 | .031 | -1.414 | 250 | 285 | -.211 | .133 | .195 | -.718 | 250 | 535 | -.227 | .121 | .236 | -.649 |
| 250 | 216 | -.430 | .182 | .119 | -1.236 | 250 | 286 | -.180 | .144 | .406 | -.711 | 250 | 536 | -.247 | .119 | .113 | -.726 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 250 | 537 | - .223 | .178 | .467 | -.891 | 250 | 912 | -.323 | .184 | .194 | -1.151 | 260 | 140 | -.142 | .129 | .297 | -.657 |
| 250 | 538 | -.208 | .179 | .978 | -.343 | 250 | 913 | -.252 | .161 | .173 | -1.062 | 260 | 141 | -.136 | .122 | .253 | -.576 |
| 250 | 539 | -.394 | .191 | 1.151 | -.096 | 250 | 914 | -.211 | .140 | .216 | -.798 | 260 | 142 | -.125 | .118 | .253 | -.660 |
| 250 | 540 | -.425 | .175 | 1.151 | -.070 | 250 | 915 | -.265 | .154 | .176 | -.962 | 260 | 143 | -.131 | .133 | .301 | -.559 |
| 250 | 541 | -.320 | .159 | .839 | -.167 | 250 | 916 | -.278 | .163 | .206 | -1.048 | 260 | 144 | -.154 | .135 | .258 | -.760 |
| 250 | 542 | -.117 | .157 | .678 | -.447 | 250 | 917 | -.318 | .167 | .204 | -1.048 | 260 | 145 | -.170 | .147 | .251 | -.674 |
| 250 | 543 | -.078 | .129 | .333 | -.497 | 250 | 919 | -.226 | .143 | .350 | -.798 | 260 | 146 | -.213 | .157 | .308 | -.849 |
| 250 | 544 | -.182 | .130 | .272 | -.635 | 250 | 920 | -.239 | .170 | .208 | -1.430 | 260 | 147 | -.199 | .154 | .316 | -.844 |
| 250 | 545 | -.229 | .123 | .146 | -.683 | 250 | 921 | -.217 | .174 | .304 | -.949 | 260 | 149 | -.197 | .157 | .273 | -.779 |
| 250 | 546 | -.028 | .157 | .574 | -.555 | 250 | 922 | -.225 | .160 | .331 | -1.093 | 260 | 150 | -.189 | .143 | .222 | -.876 |
| 250 | 547 | -.121 | .144 | .684 | -.330 | 250 | 923 | -.275 | .169 | .195 | -.991 | 260 | 151 | -.179 | .136 | .217 | -.659 |
| 250 | 548 | -.317 | .154 | 1.082 | -.226 | 250 | 924 | -.284 | .173 | .399 | -.921 | 260 | 152 | -.219 | .166 | .219 | -1.020 |
| 250 | 549 | -.364 | .152 | 1.074 | -.103 | 250 | 925 | -.216 | .174 | .271 | -.883 | 260 | 153 | -.230 | .179 | .309 | -1.155 |
| 250 | 550 | -.256 | .146 | .843 | -.164 | 250 | 926 | -.232 | .191 | .276 | -1.051 | 260 | 154 | -.222 | .171 | .314 | -1.053 |
| 250 | 551 | -.093 | .147 | .620 | -.355 | 250 | 927 | -.227 | .149 | .234 | -.721 | 260 | 155 | -.211 | .183 | .500 | -1.039 |
| 250 | 552 | -.065 | .136 | .427 | -.579 | 250 | 928 | -.226 | .131 | .157 | -.698 | 260 | 156 | -.266 | .173 | .212 | -.984 |
| 250 | 553 | -.164 | .136 | .341 | -.586 | 250 | 929 | -.236 | .155 | .290 | -.888 | 260 | 157 | -.397 | .224 | .159 | -1.548 |
| 250 | 554 | -.228 | .124 | .179 | -.726 | 250 | 930 | -.186 | .150 | .363 | -.826 | 260 | 158 | -.452 | .248 | .176 | -1.611 |
| 250 | 564 | -.055 | .140 | .486 | -.540 | 250 | 931 | -.236 | .154 | .259 | -.956 | 260 | 159 | -.509 | .286 | .207 | -1.784 |
| 250 | 565 | -.146 | .142 | .747 | -.339 | 250 | 932 | -.208 | .143 | .197 | -.828 | 260 | 160 | -.123 | .119 | .213 | -.568 |
| 250 | 566 | -.252 | .167 | .775 | -.226 | 250 | 933 | -.307 | .231 | .231 | -1.453 | 260 | 161 | -.123 | .112 | .246 | -.534 |
| 250 | 567 | -.274 | .156 | .943 | -.134 | 250 | 934 | -.290 | .179 | .292 | -1.223 | 260 | 162 | -.134 | .108 | .177 | -.559 |
| 250 | 568 | -.187 | .127 | .666 | -.207 | 250 | 935 | -.175 | .133 | .199 | -.630 | 260 | 163 | -.128 | .132 | .270 | -.592 |
| 250 | 569 | -.062 | .127 | .696 | -.277 | 250 | 936 | -.291 | .173 | .269 | -.897 | 260 | 164 | -.158 | .114 | .253 | -.542 |
| 250 | 570 | -.043 | .137 | .457 | -.442 | 250 | 937 | -.241 | .148 | .211 | -.805 | 260 | 165 | -.167 | .134 | .267 | -.655 |
| 250 | 571 | -.148 | .137 | .333 | -.589 | 250 | 938 | -.233 | .161 | .403 | -.825 | 260 | 166 | -.229 | .156 | .213 | -.749 |
| 250 | 572 | -.198 | .134 | .227 | -.619 | 250 | 939 | -.119 | .169 | .533 | -.663 | 260 | 167 | -.228 | .143 | .193 | -.926 |
| 250 | 573 | -.189 | .116 | .658 | -.195 | 250 | 940 | -.275 | .179 | .162 | -1.257 | 260 | 168 | -.264 | .131 | .140 | -.664 |
| 250 | 574 | -.149 | .114 | .516 | -.183 | 250 | 941 | -.202 | .206 | .434 | -1.293 | 260 | 169 | -.288 | .141 | .224 | -.806 |
| 250 | 575 | -.082 | .116 | .473 | -.325 | 250 | 942 | -.092 | .165 | .645 | -.639 | 260 | 170 | -.301 | .133 | .186 | -.773 |
| 250 | 576 | -.034 | .141 | .495 | -.581 | 250 | 943 | -.260 | .165 | .231 | -.909 | 260 | 171 | -.317 | .152 | .143 | -.879 |
| 250 | 577 | -.112 | .143 | .669 | -.319 | 250 | 944 | -.228 | .140 | .196 | -.786 | 260 | 172 | -.322 | .185 | .229 | -.974 |
| 250 | 578 | -.187 | .134 | .633 | -.170 | 250 | 945 | -.271 | .232 | .464 | -1.543 | 260 | 173 | -.312 | .184 | .227 | -1.102 |
| 250 | 579 | -.182 | .117 | .623 | -.159 | 250 | 946 | -.304 | .138 | .111 | -.818 | 260 | 174 | -.301 | .202 | .205 | -1.417 |
| 250 | 580 | -.135 | .111 | .495 | -.238 | 250 | 947 | -.140 | .155 | .328 | -1.002 | 260 | 175 | -.257 | .184 | .248 | -.983 |
| 250 | 581 | -.079 | .111 | .457 | -.299 | 250 | 948 | -.159 | .147 | .275 | -.868 | 260 | 176 | -.288 | .198 | .340 | -1.056 |
| 250 | 582 | -.036 | .115 | .511 | -.294 | 250 | 949 | -.088 | .152 | .347 | -.802 | 260 | 177 | -.359 | .223 | .268 | -1.323 |
| 250 | 584 | -.167 | .120 | .265 | -.642 | 250 | 950 | -.078 | .166 | .367 | -1.204 | 260 | 178 | -.410 | .254 | .328 | -1.530 |
| 250 | 585 | -.270 | .118 | .148 | -.637 | 250 | 951 | -.185 | .168 | .220 | -1.074 | 260 | 179 | -.459 | .267 | .359 | -1.610 |
| 250 | 901 | -.411 | .221 | .332 | -1.457 | 250 | 952 | -.209 | .171 | .206 | -1.280 | 260 | 180 | -.126 | .128 | .268 | -.537 |
| 250 | 902 | -.366 | .177 | .095 | -1.286 | 250 | 953 | -.133 | .126 | .303 | -.568 | 260 | 181 | -.123 | .122 | .246 | -.573 |
| 250 | 903 | -.311 | .155 | .088 | -.863 | 250 | 954 | -.134 | .129 | .226 | -.591 | 260 | 182 | -.136 | .127 | .277 | -.627 |
| 250 | 904 | -.308 | .146 | .176 | -.988 | 250 | 955 | -.297 | .187 | .273 | -1.465 | 260 | 183 | -.145 | .113 | .183 | -.528 |
| 250 | 905 | -.329 | .173 | .188 | -1.041 | 250 | 956 | -.283 | .199 | .245 | -1.841 | 260 | 184 | -.157 | .125 | .295 | -.550 |
| 250 | 906 | -.304 | .196 | .364 | -1.657 | 250 | 957 | -.227 | .172 | .203 | -1.206 | 260 | 185 | -.176 | .129 | .208 | -.619 |
| 250 | 907 | -.320 | .189 | .336 | -1.244 | 250 | 958 | -.248 | .240 | .379 | -1.492 | 260 | 186 | -.211 | .152 | .231 | -.834 |
| 250 | 908 | -.316 | .150 | .211 | -.872 | 250 | 959 | -.277 | .177 | .180 | -1.018 | 260 | 187 | -.198 | .150 | .239 | -.829 |
| 250 | 909 | -.313 | .158 | .137 | -1.181 | 250 | 960 | -.167 | .119 | .219 | -.624 | 260 | 188 | -.207 | .137 | .172 | -1.068 |
| 250 | 910 | -.310 | .173 | .243 | -1.104 | 250 | 961 | -.187 | .128 | .160 | -.831 | 260 | 189 | -.186 | .134 | .254 | -.667 |
| 250 | 911 | -.283 | .187 | .311 | -1.251 | 250 | 962 | -.221 | .145 | .240 | -.958 | 260 | 190 | -.173 | .144 | .299 | -.711 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|---------|
| 260 | 191 | - .203 | .148 | .183 | - .740 | 260 | 262 | - .169 | .119 | .219 | - .574 | 260 | 512 | .513 | .189 | 1.292 | - .120 |
| 260 | 192 | - .220 | .171 | .285 | - .967 | 260 | 263 | - .182 | .132 | .292 | - .578 | 260 | 513 | .449 | .180 | 1.057 | - .097 |
| 260 | 193 | - .248 | .188 | .444 | - 1.169 | 260 | 264 | - .172 | .121 | .234 | - .611 | 260 | 514 | .261 | .166 | .836 | - .276 |
| 260 | 194 | - .254 | .201 | .328 | - 1.419 | 260 | 265 | - .200 | .132 | .269 | - .694 | 260 | 515 | - .005 | .134 | .469 | - .488 |
| 260 | 195 | - .253 | .201 | .268 | - 1.292 | 260 | 266 | - .209 | .133 | .144 | - .908 | 260 | 516 | - .152 | .123 | .296 | - .717 |
| 260 | 196 | - .288 | .197 | .254 | - 1.203 | 260 | 267 | - .212 | .138 | .187 | - .766 | 260 | 517 | - .157 | .113 | .265 | - .602 |
| 260 | 197 | - .353 | .220 | .251 | - 1.555 | 260 | 268 | - .220 | .124 | .144 | - .753 | 260 | 518 | - .154 | .108 | .200 | - .508 |
| 260 | 198 | - .442 | .248 | .222 | - 1.784 | 260 | 269 | - .211 | .142 | .187 | - .841 | 260 | 519 | - .065 | .170 | .654 | - .493 |
| 260 | 199 | - .433 | .255 | .282 | - 1.721 | 260 | 270 | - .203 | .121 | .150 | - .620 | 260 | 520 | .306 | .178 | .972 | - .037 |
| 260 | 200 | - .132 | .116 | .244 | - .491 | 260 | 271 | - .206 | .139 | .171 | - .716 | 260 | 521 | .489 | .186 | 1.156 | - .263 |
| 260 | 202 | - .128 | .132 | .333 | - .713 | 260 | 272 | - .235 | .157 | .163 | - 1.118 | 260 | 522 | .492 | .196 | 1.074 | - .078 |
| 260 | 203 | - .167 | .133 | .333 | - .610 | 260 | 273 | - .217 | .133 | .219 | - .824 | 260 | 523 | .282 | .162 | .816 | - .225 |
| 260 | 204 | - .187 | .137 | .258 | - .750 | 260 | 274 | - .215 | .143 | .219 | - .871 | 260 | 524 | - .015 | .141 | .531 | - .451 |
| 260 | 205 | - .205 | .133 | .152 | - .627 | 260 | 275 | - .234 | .149 | .177 | - .923 | 260 | 525 | - .183 | .128 | .294 | - .735 |
| 260 | 206 | - .209 | .140 | .222 | - .875 | 260 | 276 | - .269 | .160 | .205 | - 1.074 | 260 | 526 | - .241 | .115 | .195 | - .673 |
| 260 | 207 | - .203 | .140 | .183 | - .738 | 260 | 277 | - .308 | .178 | .123 | - 1.320 | 260 | 527 | - .282 | .124 | .167 | - .831 |
| 260 | 208 | - .195 | .130 | .224 | - .667 | 260 | 278 | - .425 | .191 | .087 | - 1.549 | 260 | 528 | - .234 | .132 | .429 | - 1.001 |
| 260 | 209 | - .205 | .135 | .217 | - .730 | 260 | 279 | - .476 | .205 | .029 | - 1.420 | 260 | 529 | .112 | .182 | .875 | - .399 |
| 260 | 210 | - .175 | .148 | .258 | - .696 | 260 | 280 | - .144 | .131 | .294 | - .784 | 260 | 530 | .262 | .177 | .813 | - .420 |
| 260 | 211 | - .208 | .145 | .210 | - .843 | 260 | 281 | - .174 | .121 | .161 | - .621 | 260 | 531 | .286 | .192 | 1.019 | - .293 |
| 260 | 212 | - .235 | .170 | .231 | - 1.326 | 260 | 282 | - .175 | .133 | .263 | - .681 | 260 | 532 | .106 | .167 | .678 | - .346 |
| 260 | 213 | - .271 | .179 | .169 | - 1.024 | 260 | 283 | - .153 | .133 | .373 | - .678 | 260 | 533 | - .115 | .138 | .341 | - .582 |
| 260 | 214 | - .294 | .189 | .196 | - 1.167 | 260 | 284 | - .172 | .130 | .222 | - .733 | 260 | 534 | - .223 | .114 | .212 | - .544 |
| 260 | 215 | - .318 | .169 | .188 | - 1.075 | 260 | 285 | - .141 | .121 | .208 | - .667 | 260 | 535 | - .227 | .107 | .058 | - .605 |
| 260 | 216 | - .398 | .201 | .239 | - 1.429 | 260 | 286 | - .148 | .122 | .302 | - .584 | 260 | 536 | - .198 | .110 | .137 | - .592 |
| 260 | 217 | - .499 | .205 | .039 | - 1.641 | 260 | 287 | - .132 | .128 | .276 | - .626 | 260 | 537 | - .137 | .194 | .518 | - 1.034 |
| 260 | 218 | - .616 | .214 | .013 | - 2.036 | 260 | 288 | - .123 | .115 | .253 | - .629 | 260 | 538 | .268 | .171 | .938 | - .338 |
| 260 | 219 | - .624 | .231 | .115 | - 1.538 | 260 | 289 | - .123 | .116 | .343 | - .602 | 260 | 539 | .390 | .168 | 1.195 | - .150 |
| 260 | 220 | - .257 | .115 | .126 | - .676 | 260 | 290 | - .137 | .116 | .278 | - .534 | 260 | 540 | .373 | .160 | 1.098 | - .062 |
| 260 | 221 | - .217 | .113 | .186 | - .641 | 260 | 291 | - .176 | .120 | .161 | - .751 | 260 | 541 | .204 | .149 | .720 | - .277 |
| 260 | 222 | - .196 | .113 | .173 | - .636 | 260 | 292 | - .208 | .110 | .218 | - .581 | 260 | 542 | - .003 | .141 | .571 | - .455 |
| 260 | 223 | - .179 | .117 | .219 | - .563 | 260 | 293 | - .254 | .117 | .117 | - .764 | 260 | 543 | - .148 | .123 | .267 | - .573 |
| 260 | 224 | - .199 | .118 | .166 | - .561 | 260 | 294 | - .265 | .119 | .106 | - .714 | 260 | 544 | - .191 | .118 | .231 | - .595 |
| 260 | 225 | - .204 | .123 | .152 | - .741 | 260 | 295 | - .323 | .124 | .106 | - .926 | 260 | 545 | - .196 | .112 | .160 | - .594 |
| 260 | 226 | - .222 | .142 | .263 | - .887 | 260 | 296 | - .360 | .114 | .010 | - .878 | 260 | 546 | .029 | .169 | .618 | - .518 |
| 260 | 227 | - .221 | .135 | .223 | - .750 | 260 | 297 | - .419 | .137 | .039 | - .949 | 260 | 547 | .210 | .145 | .642 | - .236 |
| 260 | 228 | - .228 | .134 | .192 | - .776 | 260 | 298 | - .286 | .155 | .179 | - 1.231 | 260 | 548 | .366 | .154 | .885 | - .063 |
| 260 | 229 | - .216 | .133 | .206 | - .708 | 260 | 299 | - .230 | .155 | .203 | - 1.195 | 260 | 549 | .323 | .162 | .945 | - .147 |
| 260 | 230 | - .213 | .140 | .223 | - .666 | 260 | 401 | - .137 | .125 | .359 | - .621 | 260 | 550 | .151 | .135 | .708 | - .283 |
| 260 | 231 | - .239 | .156 | .210 | - .924 | 260 | 463 | - .141 | .137 | .366 | - .914 | 260 | 551 | - .024 | .144 | .581 | - .477 |
| 260 | 232 | - .248 | .162 | .239 | - 1.063 | 260 | 501 | - .038 | .183 | .665 | - .641 | 260 | 552 | - .125 | .129 | .325 | - .537 |
| 260 | 233 | - .250 | .169 | .232 | - 1.162 | 260 | 502 | - .279 | .186 | .899 | - .297 | 260 | 553 | - .175 | .122 | .273 | - .634 |
| 260 | 234 | - .262 | .168 | .160 | - 1.158 | 260 | 503 | - .290 | .179 | .951 | - .360 | 260 | 554 | - .199 | .115 | .162 | - .589 |
| 260 | 235 | - .273 | .177 | .237 | - 1.007 | 260 | 504 | - .227 | .164 | .795 | - .413 | 260 | 555 | .035 | .165 | .765 | - .804 |
| 260 | 236 | - .280 | .182 | .219 | - 1.110 | 260 | 505 | - .112 | .153 | .588 | - .446 | 260 | 556 | .189 | .154 | .914 | - .231 |
| 260 | 237 | - .331 | .181 | .186 | - 1.265 | 260 | 506 | - .050 | .130 | .382 | - .500 | 260 | 557 | .275 | .151 | .869 | - .150 |
| 260 | 238 | - .432 | .227 | .148 | - 1.812 | 260 | 507 | - .178 | .128 | .232 | - .629 | 260 | 558 | .259 | .140 | .715 | - .160 |
| 260 | 239 | - .488 | .248 | .129 | - 1.686 | 260 | 508 | - .124 | .117 | .222 | - .529 | 260 | 559 | .132 | .119 | .506 | - .345 |
| 260 | 260 | - .155 | .122 | .336 | - .626 | 260 | 510 | - .137 | .187 | .873 | - .440 | 260 | 560 | - .033 | .128 | .388 | - .561 |
| 260 | 261 | - .171 | .121 | .194 | - .576 | 260 | 511 | - .361 | .190 | 1.035 | - .297 | 260 | 570 | - .128 | .116 | .285 | - .503 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 260 | 571 | - .170 | .127 | .230 | -.634 | 260 | 938 | -.195 | .129 | .173 | -.815 | 270 | 166 | -.160 | .124 | .290 | -.675 |
| 260 | 572 | -.168 | .115 | .270 | -.532 | 260 | 939 | -.084 | .151 | .442 | -.619 | 270 | 167 | -.173 | .116 | .259 | -.627 |
| 260 | 573 | -.161 | .103 | .485 | -.171 | 260 | 940 | -.216 | .141 | .241 | -1.023 | 270 | 168 | -.202 | .116 | .247 | -.815 |
| 260 | 574 | -.111 | .106 | .450 | -.217 | 260 | 941 | -.202 | .173 | .287 | -1.404 | 270 | 169 | -.245 | .108 | .160 | -.625 |
| 260 | 575 | .015 | .111 | .382 | -.359 | 260 | 942 | -.076 | .178 | .665 | -.788 | 270 | 170 | -.267 | .117 | .060 | -.712 |
| 260 | 576 | .044 | .134 | .513 | -.624 | 260 | 943 | -.201 | .141 | .285 | -.856 | 270 | 171 | -.253 | .122 | .118 | -.853 |
| 260 | 577 | .167 | .132 | .749 | -.238 | 260 | 944 | -.212 | .115 | .110 | -.697 | 270 | 172 | -.230 | .126 | .149 | -.706 |
| 260 | 578 | .200 | .120 | .610 | -.222 | 260 | 945 | -.175 | .199 | .357 | -1.551 | 270 | 173 | -.200 | .128 | .171 | -1.070 |
| 260 | 579 | .147 | .109 | .561 | -.183 | 260 | 946 | -.288 | .130 | .141 | -.723 | 270 | 174 | -.193 | .144 | .242 | -1.100 |
| 260 | 580 | .107 | .108 | .477 | -.270 | 260 | 947 | -.156 | .145 | .273 | -1.046 | 270 | 175 | -.178 | .126 | .189 | -.822 |
| 260 | 581 | .053 | .108 | .393 | -.293 | 260 | 948 | -.190 | .168 | .255 | -1.039 | 270 | 176 | -.202 | .156 | .306 | -1.213 |
| 260 | 582 | -.007 | .109 | .427 | -.408 | 260 | 949 | -.097 | .155 | .426 | -.926 | 270 | 177 | -.303 | .222 | .213 | -1.476 |
| 260 | 584 | -.197 | .110 | .207 | -.613 | 260 | 950 | -.057 | .159 | .597 | -.953 | 270 | 178 | -.469 | .225 | .309 | -1.520 |
| 260 | 585 | -.269 | .103 | .081 | -.726 | 260 | 951 | -.170 | .173 | .285 | -.977 | 270 | 179 | -.627 | .257 | .111 | -1.653 |
| 260 | 901 | -.450 | .248 | .377 | -1.791 | 260 | 952 | -.171 | .156 | .296 | -1.018 | 270 | 180 | -.102 | .118 | .271 | -.489 |
| 260 | 902 | -.417 | .202 | .084 | -1.656 | 260 | 953 | -.106 | .122 | .381 | -.556 | 270 | 181 | -.111 | .112 | .221 | -.479 |
| 260 | 903 | -.414 | .195 | .112 | -1.196 | 260 | 954 | -.119 | .122 | .237 | -.375 | 270 | 182 | -.114 | .119 | .221 | -.479 |
| 260 | 904 | -.407 | .174 | .052 | -1.208 | 260 | 955 | -.235 | .167 | .205 | -1.346 | 270 | 183 | -.121 | .109 | .273 | -.555 |
| 260 | 905 | -.427 | .210 | .185 | -1.276 | 260 | 956 | -.217 | .162 | .198 | -.981 | 270 | 184 | -.137 | .123 | .195 | -.529 |
| 260 | 906 | -.287 | .217 | .427 | -1.259 | 260 | 957 | -.179 | .172 | .288 | -1.090 | 270 | 185 | -.131 | .116 | .297 | -.505 |
| 260 | 907 | -.331 | .207 | .468 | -1.217 | 260 | 958 | -.162 | .231 | .385 | -1.906 | 270 | 186 | -.140 | .120 | .189 | -.529 |
| 260 | 908 | -.409 | .205 | .277 | -1.190 | 260 | 959 | -.300 | .178 | .191 | -.991 | 270 | 187 | -.143 | .124 | .228 | -.693 |
| 260 | 909 | -.447 | .216 | .216 | -1.324 | 260 | 960 | -.150 | .134 | .243 | -.674 | 270 | 188 | -.141 | .117 | .273 | -.765 |
| 260 | 910 | -.344 | .198 | .338 | -1.123 | 260 | 961 | -.149 | .127 | .248 | -.573 | 270 | 189 | -.141 | .115 | .263 | -.603 |
| 260 | 911 | -.252 | .188 | .297 | -1.173 | 260 | 962 | -.212 | .134 | .172 | -.823 | 270 | 190 | -.141 | .140 | .295 | -.851 |
| 260 | 912 | -.405 | .207 | .231 | -1.314 | 270 | 140 | -.117 | .121 | .262 | -.551 | 270 | 191 | -.134 | .121 | .287 | -.739 |
| 260 | 913 | -.184 | .126 | .258 | -.670 | 270 | 141 | -.108 | .115 | .323 | -.577 | 270 | 192 | -.147 | .122 | .263 | -.850 |
| 260 | 914 | -.162 | .130 | .217 | -.604 | 270 | 142 | -.106 | .112 | .264 | -.461 | 270 | 193 | -.151 | .114 | .220 | -.910 |
| 260 | 915 | -.227 | .160 | .284 | -.978 | 270 | 143 | -.112 | .132 | .326 | -.589 | 270 | 194 | -.173 | .137 | .204 | -1.057 |
| 260 | 916 | -.275 | .165 | .176 | -1.006 | 270 | 144 | -.110 | .117 | .299 | -.515 | 270 | 195 | -.164 | .143 | .195 | -.984 |
| 260 | 917 | -.254 | .161 | .216 | -.837 | 270 | 145 | -.128 | .117 | .323 | -.542 | 270 | 196 | -.182 | .158 | .276 | -1.393 |
| 260 | 919 | -.208 | .147 | .234 | -.786 | 270 | 146 | -.145 | .106 | .198 | -.575 | 270 | 197 | -.286 | .203 | .326 | -1.417 |
| 260 | 920 | -.169 | .152 | .302 | -1.072 | 270 | 147 | -.149 | .119 | .221 | -.655 | 270 | 198 | -.451 | .199 | .189 | -1.639 |
| 260 | 921 | -.195 | .180 | .383 | -1.001 | 270 | 149 | -.144 | .126 | .267 | -.615 | 270 | 199 | -.610 | .228 | .130 | -1.465 |
| 260 | 922 | -.195 | .171 | .440 | -.961 | 270 | 150 | -.139 | .117 | .235 | -.551 | 270 | 200 | -.118 | .112 | .264 | -.486 |
| 260 | 923 | -.271 | .191 | .347 | -.990 | 270 | 151 | -.132 | .127 | .326 | -.651 | 270 | 202 | -.120 | .109 | .221 | -.443 |
| 260 | 924 | -.268 | .176 | .381 | -1.108 | 270 | 152 | -.133 | .118 | .292 | -.748 | 270 | 203 | -.129 | .122 | .304 | -.601 |
| 260 | 925 | -.205 | .160 | .258 | -.982 | 270 | 153 | -.145 | .123 | .207 | -.679 | 270 | 204 | -.140 | .113 | .266 | -.548 |
| 260 | 926 | -.190 | .149 | .292 | -.909 | 270 | 154 | -.143 | .126 | .321 | -.822 | 270 | 205 | -.140 | .136 | .320 | -.767 |
| 260 | 927 | -.187 | .152 | .297 | -.691 | 270 | 155 | -.129 | .124 | .285 | -.681 | 270 | 206 | -.154 | .122 | .192 | -.920 |
| 260 | 928 | -.212 | .149 | .297 | -.902 | 270 | 156 | -.147 | .147 | .236 | -.851 | 270 | 207 | -.145 | .118 | .264 | -.544 |
| 260 | 929 | -.204 | .152 | .228 | -.982 | 270 | 157 | -.283 | .182 | .164 | -1.211 | 270 | 208 | -.147 | .121 | .218 | -.567 |
| 260 | 930 | -.159 | .128 | .274 | -.621 | 270 | 158 | -.486 | .216 | .150 | -1.394 | 270 | 209 | -.154 | .128 | .233 | -.767 |
| 260 | 931 | -.173 | .156 | .279 | -1.133 | 270 | 159 | -.671 | .243 | .121 | -1.706 | 270 | 210 | -.139 | .120 | .240 | -.617 |
| 260 | 932 | -.176 | .146 | .285 | -.769 | 270 | 160 | -.103 | .113 | .205 | -.539 | 270 | 211 | -.146 | .120 | .263 | -.612 |
| 260 | 933 | -.234 | .202 | .377 | -1.397 | 270 | 161 | -.102 | .117 | .242 | -.492 | 270 | 212 | -.159 | .127 | .192 | -.838 |
| 260 | 934 | -.205 | .143 | .176 | -.866 | 270 | 162 | -.113 | .124 | .304 | -.503 | 270 | 213 | -.179 | .134 | .261 | -1.370 |
| 260 | 935 | -.129 | .116 | .279 | -.578 | 270 | 163 | -.108 | .114 | .235 | -.587 | 270 | 214 | -.209 | .134 | .204 | -1.074 |
| 260 | 936 | -.245 | .141 | .236 | -.791 | 270 | 164 | -.121 | .111 | .238 | -.487 | 270 | 215 | -.226 | .136 | .221 | -1.326 |
| 260 | 937 | -.266 | .144 | .248 | -1.140 | 270 | 165 | -.125 | .111 | .198 | -.549 | 270 | 216 | -.298 | .169 | .107 | -1.458 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|
| 270 | 217 | -.415 | .197 | -.142 | -1.676 | 270 | 287 | -.132 | .120 | .236 | -.555 | 270 | 537 | .070 | .241 | 1.127 | -.581 |
| 270 | 218 | -.625 | .180 | -.111 | -1.720 | 270 | 288 | -.091 | .121 | .293 | -.498 | 270 | 538 | .373 | .184 | .947 | -.205 |
| 270 | 219 | -.712 | .224 | -.139 | -1.831 | 270 | 289 | -.091 | .107 | .293 | -.478 | 270 | 539 | .444 | .185 | 1.055 | -.087 |
| 270 | 220 | -.228 | .107 | .076 | -.626 | 270 | 290 | -.120 | .114 | .260 | -.546 | 270 | 540 | .337 | .173 | .952 | -.160 |
| 270 | 221 | -.192 | .114 | .245 | -.621 | 270 | 291 | -.136 | .114 | .198 | -.614 | 270 | 541 | .081 | .147 | .631 | -.344 |
| 270 | 222 | -.163 | .109 | .213 | -.606 | 270 | 292 | -.178 | .118 | .210 | -.709 | 270 | 542 | -.150 | .140 | .312 | -.716 |
| 270 | 223 | -.161 | .109 | .159 | -.665 | 270 | 293 | -.223 | .109 | .112 | -.727 | 270 | 543 | -.212 | .114 | .247 | -.741 |
| 270 | 224 | -.156 | .104 | .188 | -.502 | 270 | 294 | -.227 | .111 | .141 | -.591 | 270 | 544 | -.182 | .111 | .149 | -.610 |
| 270 | 225 | -.167 | .112 | .224 | -.538 | 270 | 295 | -.273 | .107 | .090 | -.769 | 270 | 545 | -.184 | .107 | .160 | -.540 |
| 270 | 226 | -.180 | .114 | .177 | -.672 | 270 | 296 | -.295 | .122 | .071 | -.932 | 270 | 546 | .179 | .184 | .867 | -.451 |
| 270 | 227 | -.184 | .124 | .255 | -.722 | 270 | 297 | -.369 | .131 | .094 | -.847 | 270 | 547 | .295 | .160 | .944 | -.191 |
| 270 | 228 | -.164 | .112 | .222 | -.654 | 270 | 298 | -.234 | .145 | .250 | -.947 | 270 | 548 | .370 | .177 | .914 | -.108 |
| 270 | 229 | -.165 | .114 | .270 | -.649 | 270 | 299 | -.155 | .123 | .177 | -.856 | 270 | 549 | .226 | .147 | .764 | -.191 |
| 270 | 230 | -.152 | .109 | .227 | -.548 | 270 | 401 | -.129 | .114 | .257 | -.552 | 270 | 550 | .051 | .141 | .747 | -.366 |
| 270 | 231 | -.154 | .122 | .200 | -.717 | 270 | 463 | -.087 | .130 | .434 | -.770 | 270 | 551 | -.140 | .127 | .337 | -.566 |
| 270 | 232 | -.177 | .124 | .268 | -.948 | 270 | 501 | -.201 | .204 | .950 | -.608 | 270 | 552 | -.208 | .122 | .249 | -.586 |
| 270 | 233 | -.171 | .119 | .214 | -.882 | 270 | 502 | .356 | .203 | 1.122 | -.258 | 270 | 553 | -.194 | .114 | .232 | -.576 |
| 270 | 234 | -.168 | .127 | .193 | -.825 | 270 | 503 | .282 | .179 | .882 | -.261 | 270 | 554 | -.184 | .121 | .191 | -.623 |
| 270 | 235 | -.167 | .123 | .237 | -.683 | 270 | 504 | .181 | .167 | .872 | -.328 | 270 | 564 | .125 | .158 | .705 | -.350 |
| 270 | 236 | -.147 | .147 | .281 | -.970 | 270 | 505 | .009 | .136 | .511 | -.408 | 270 | 565 | .243 | .140 | .739 | -.268 |
| 270 | 237 | -.217 | .189 | .387 | -1.126 | 270 | 506 | -.141 | .122 | .278 | -.644 | 270 | 566 | .301 | .162 | .922 | -.223 |
| 270 | 238 | -.429 | .194 | .167 | -1.629 | 270 | 507 | -.208 | .125 | .283 | -.670 | 270 | 567 | .197 | .147 | .775 | -.242 |
| 270 | 239 | -.521 | .250 | .186 | -1.837 | 270 | 508 | -.122 | .127 | .298 | -.843 | 270 | 568 | .050 | .138 | .443 | -.411 |
| 270 | 260 | -.154 | .115 | .313 | -.551 | 270 | 510 | .261 | .202 | .927 | -.349 | 270 | 569 | -.102 | .119 | .361 | -.479 |
| 270 | 261 | -.153 | .126 | .237 | -.530 | 270 | 511 | .455 | .197 | 1.153 | -.119 | 270 | 570 | -.163 | .118 | .214 | -.597 |
| 270 | 262 | -.163 | .115 | .175 | -.572 | 270 | 512 | .503 | .191 | 1.220 | -.063 | 270 | 571 | -.169 | .109 | .235 | -.627 |
| 270 | 263 | -.149 | .118 | .287 | -.603 | 270 | 513 | .380 | .183 | .937 | -.132 | 270 | 572 | -.176 | .117 | .190 | -.607 |
| 270 | 264 | -.163 | .115 | .173 | -.593 | 270 | 514 | .112 | .157 | .723 | -.366 | 270 | 573 | .141 | .111 | .643 | -.201 |
| 270 | 265 | -.160 | .117 | .263 | -.593 | 270 | 515 | .115 | .126 | .272 | -.526 | 270 | 574 | .065 | .106 | .456 | -.280 |
| 270 | 266 | -.181 | .133 | .183 | -.919 | 270 | 516 | -.185 | .118 | .247 | -.609 | 270 | 575 | -.049 | .106 | .324 | -.429 |
| 270 | 267 | -.180 | .123 | .369 | -.598 | 270 | 517 | -.149 | .112 | .270 | -.583 | 270 | 576 | .111 | .130 | .638 | -.368 |
| 270 | 268 | -.182 | .123 | .318 | -.676 | 270 | 518 | -.126 | .106 | .200 | -.546 | 270 | 577 | .196 | .137 | .680 | -.208 |
| 270 | 269 | -.164 | .116 | .250 | -.602 | 270 | 519 | .211 | .226 | .983 | -.529 | 270 | 578 | .182 | .121 | .710 | -.175 |
| 270 | 270 | -.177 | .119 | .230 | -.628 | 270 | 520 | .431 | .185 | 1.182 | -.021 | 270 | 579 | .139 | .119 | .671 | -.232 |
| 270 | 271 | -.173 | .127 | .200 | -.789 | 270 | 521 | .489 | .196 | 1.200 | -.117 | 270 | 580 | .067 | .107 | .430 | -.275 |
| 270 | 272 | -.198 | .132 | .219 | -.709 | 270 | 522 | .385 | .177 | .990 | -.263 | 270 | 581 | -.015 | .109 | .389 | -.350 |
| 270 | 273 | -.196 | .124 | .211 | -.759 | 270 | 523 | .098 | .149 | .757 | -.359 | 270 | 582 | -.058 | .105 | .345 | -.417 |
| 270 | 274 | -.170 | .130 | .348 | -.755 | 270 | 524 | -.141 | .138 | .368 | -.706 | 270 | 584 | -.254 | .108 | .167 | -.610 |
| 270 | 275 | -.159 | .119 | .312 | -.706 | 270 | 525 | -.239 | .118 | .169 | -.629 | 270 | 585 | -.294 | .115 | .088 | -.744 |
| 270 | 276 | -.131 | .125 | .296 | -.864 | 270 | 526 | -.233 | .114 | .172 | -.604 | 270 | 901 | -.366 | .226 | .354 | -1.631 |
| 270 | 277 | -.204 | .185 | .370 | -1.088 | 270 | 527 | -.256 | .107 | .156 | -.626 | 270 | 902 | -.411 | .184 | .186 | -1.263 |
| 270 | 278 | -.348 | .166 | .186 | -1.491 | 270 | 528 | -.105 | .240 | .793 | -.646 | 270 | 903 | -.403 | .170 | .129 | -1.117 |
| 270 | 279 | -.420 | .176 | .084 | -1.188 | 270 | 529 | -.254 | .193 | 1.209 | -.250 | 270 | 904 | -.471 | .165 | .078 | -.976 |
| 270 | 280 | -.133 | .114 | .205 | -.511 | 270 | 530 | -.282 | .176 | .960 | -.161 | 270 | 905 | -.573 | .201 | .013 | -1.254 |
| 270 | 281 | -.158 | .115 | .264 | -.523 | 270 | 531 | -.161 | .171 | .711 | -.334 | 270 | 906 | -.233 | .193 | .423 | -.972 |
| 270 | 282 | -.143 | .114 | .290 | -.544 | 270 | 532 | -.065 | .156 | .438 | -.543 | 270 | 907 | -.298 | .197 | .334 | -1.146 |
| 270 | 283 | -.102 | .125 | .309 | -.743 | 270 | 533 | -.258 | .130 | .183 | -.703 | 270 | 908 | -.489 | .193 | .152 | -1.220 |
| 270 | 284 | -.137 | .115 | .224 | -.601 | 270 | 534 | -.290 | .121 | .082 | -.674 | 270 | 909 | -.581 | .215 | .116 | -1.282 |
| 270 | 285 | -.110 | .119 | .354 | -.537 | 270 | 535 | -.211 | .111 | .128 | -.690 | 270 | 910 | -.297 | .172 | .279 | -.936 |
| 270 | 286 | -.126 | .118 | .298 | -.532 | 270 | 536 | -.183 | .105 | .142 | -.548 | 270 | 911 | -.197 | .163 | .351 | -1.007 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 270 | 912 | - .341 | .186 | .287 | -1.168 | 280 | 140 | - .111 | .108 | .331 | - .471 | 280 | 191 | - .130 | .119 | .263 | - .606 |
| 270 | 913 | - .183 | .133 | .260 | - .696 | 280 | 141 | - .114 | .113 | .261 | - .463 | 280 | 192 | - .125 | .108 | .196 | - .445 |
| 270 | 914 | - .165 | .131 | .403 | - .603 | 280 | 142 | - .107 | .104 | .227 | - .463 | 280 | 193 | - .133 | .110 | .196 | - .603 |
| 270 | 915 | - .180 | .151 | .418 | - .773 | 280 | 143 | - .095 | .113 | .287 | - .497 | 280 | 194 | - .146 | .110 | .225 | - .620 |
| 270 | 916 | - .191 | .144 | .222 | - .756 | 280 | 144 | - .114 | .122 | .294 | - .521 | 280 | 195 | - .122 | .121 | .239 | - .508 |
| 270 | 917 | - .190 | .161 | .401 | - .775 | 280 | 145 | - .115 | .113 | .212 | - .517 | 280 | 196 | - .070 | .116 | .276 | - .494 |
| 270 | 919 | - .163 | .127 | .207 | - .699 | 280 | 146 | - .146 | .113 | .183 | - .570 | 280 | 197 | - .086 | .176 | .468 | - .764 |
| 270 | 920 | - .138 | .140 | .416 | - .637 | 280 | 147 | - .144 | .112 | .183 | - .567 | 280 | 198 | - .348 | .194 | .368 | -1.097 |
| 270 | 921 | - .097 | .142 | .341 | - .773 | 280 | 149 | - .148 | .118 | .246 | - .561 | 280 | 199 | - .456 | .217 | .145 | -1.305 |
| 270 | 922 | - .147 | .151 | .373 | - .842 | 280 | 150 | - .137 | .104 | .215 | - .463 | 280 | 200 | - .138 | .118 | .200 | - .661 |
| 270 | 923 | - .054 | .179 | .430 | - .816 | 280 | 151 | - .134 | .120 | .256 | - .532 | 280 | 202 | - .131 | .114 | .223 | - .489 |
| 270 | 924 | - .185 | .164 | .361 | - .867 | 280 | 152 | - .133 | .116 | .215 | - .563 | 280 | 203 | - .144 | .113 | .254 | - .487 |
| 270 | 925 | - .137 | .141 | .293 | - .725 | 280 | 153 | - .124 | .113 | .226 | - .492 | 280 | 204 | - .148 | .117 | .217 | - .566 |
| 270 | 926 | - .136 | .128 | .320 | - .601 | 280 | 154 | - .136 | .114 | .195 | - .505 | 280 | 205 | - .133 | .112 | .220 | - .321 |
| 270 | 927 | - .119 | .140 | .492 | - .763 | 280 | 155 | - .104 | .118 | .309 | - .531 | 280 | 206 | - .154 | .118 | .273 | - .528 |
| 270 | 928 | - .151 | .118 | .287 | - .701 | 280 | 156 | - .068 | .112 | .295 | - .436 | 280 | 207 | - .151 | .118 | .303 | - .550 |
| 270 | 929 | - .155 | .121 | .250 | - .654 | 280 | 157 | - .091 | .138 | .379 | - .514 | 280 | 208 | - .154 | .114 | .239 | - .557 |
| 270 | 930 | - .114 | .126 | .282 | - .560 | 280 | 158 | - .388 | .186 | .316 | -1.127 | 280 | 209 | - .149 | .124 | .279 | - .513 |
| 270 | 931 | - .176 | .134 | .184 | - .780 | 280 | 159 | - .604 | .244 | .045 | -1.596 | 280 | 210 | - .139 | .110 | .242 | - .547 |
| 270 | 932 | - .119 | .132 | .332 | - .618 | 280 | 160 | - .108 | .113 | .283 | - .493 | 280 | 211 | - .146 | .109 | .274 | - .499 |
| 270 | 933 | - .199 | .185 | .318 | -1.103 | 280 | 161 | - .114 | .112 | .292 | - .480 | 280 | 212 | - .162 | .119 | .208 | - .603 |
| 270 | 934 | - .154 | .143 | .299 | - .759 | 280 | 162 | - .115 | .122 | .317 | - .500 | 280 | 213 | - .166 | .118 | .188 | - .596 |
| 270 | 935 | - .088 | .117 | .289 | - .577 | 280 | 163 | - .106 | .109 | .334 | - .522 | 280 | 214 | - .201 | .110 | .178 | - .593 |
| 270 | 936 | - .183 | .141 | .248 | - .663 | 280 | 164 | - .122 | .105 | .282 | - .451 | 280 | 215 | - .199 | .130 | .184 | - .684 |
| 270 | 937 | - .178 | .142 | .234 | - .866 | 280 | 165 | - .131 | .116 | .261 | - .587 | 280 | 216 | - .177 | .125 | .246 | - .720 |
| 270 | 938 | - .150 | .128 | .274 | - .622 | 280 | 166 | - .155 | .118 | .237 | - .600 | 280 | 217 | - .235 | .177 | .274 | -1.212 |
| 270 | 939 | - .085 | .143 | .592 | - .635 | 280 | 167 | - .176 | .109 | .164 | - .527 | 280 | 218 | - .542 | .166 | .173 | -1.465 |
| 270 | 940 | - .181 | .136 | .196 | - .711 | 280 | 168 | - .211 | .134 | .164 | - .719 | 280 | 219 | - .576 | .238 | .003 | -1.558 |
| 270 | 941 | - .178 | .155 | .277 | -1.026 | 280 | 169 | - .241 | .115 | .147 | - .597 | 280 | 220 | - .245 | .114 | .179 | - .629 |
| 270 | 942 | - .031 | .162 | .666 | - .678 | 280 | 170 | - .265 | .124 | .100 | - .806 | 280 | 221 | - .202 | .105 | .161 | - .550 |
| 270 | 943 | - .198 | .135 | .313 | - .723 | 280 | 171 | - .246 | .117 | .139 | - .655 | 280 | 222 | - .161 | .110 | .160 | - .534 |
| 270 | 944 | - .180 | .109 | .222 | - .593 | 280 | 172 | - .224 | .118 | .145 | - .695 | 280 | 223 | - .170 | .108 | .177 | - .637 |
| 270 | 945 | - .120 | .140 | .282 | - .960 | 280 | 173 | - .190 | .104 | .223 | - .511 | 280 | 224 | - .175 | .118 | .294 | - .577 |
| 270 | 946 | - .261 | .122 | .174 | - .768 | 280 | 174 | - .182 | .108 | .290 | - .552 | 280 | 225 | - .176 | .106 | .168 | - .495 |
| 270 | 947 | - .139 | .135 | .229 | - .919 | 280 | 175 | - .144 | .109 | .179 | - .579 | 280 | 226 | - .185 | .108 | .163 | - .671 |
| 270 | 948 | - .157 | .152 | .283 | - .848 | 280 | 176 | - .092 | .131 | .312 | - .893 | 280 | 227 | - .181 | .124 | .194 | - .822 |
| 270 | 949 | - .070 | .142 | .507 | - .696 | 280 | 177 | - .094 | .167 | .493 | - .688 | 280 | 228 | - .183 | .122 | .164 | - .666 |
| 270 | 950 | - .018 | .167 | .540 | - .898 | 280 | 178 | - .290 | .180 | .308 | -1.056 | 280 | 229 | - .174 | .114 | .190 | - .594 |
| 270 | 951 | - .173 | .168 | .293 | -1.064 | 280 | 179 | - .557 | .272 | .183 | -1.560 | 280 | 230 | - .155 | .111 | .258 | - .514 |
| 270 | 952 | - .161 | .133 | .250 | - .769 | 280 | 180 | - .124 | .115 | .247 | - .560 | 280 | 231 | - .173 | .115 | .244 | - .606 |
| 270 | 953 | - .093 | .118 | .292 | - .601 | 280 | 181 | - .119 | .109 | .268 | - .508 | 280 | 232 | - .169 | .113 | .250 | - .592 |
| 270 | 954 | - .088 | .127 | .355 | - .544 | 280 | 182 | - .117 | .111 | .273 | - .528 | 280 | 233 | - .168 | .113 | .185 | - .606 |
| 270 | 955 | - .229 | .179 | .290 | -1.171 | 280 | 183 | - .125 | .108 | .203 | - .567 | 280 | 234 | - .166 | .109 | .195 | - .514 |
| 270 | 956 | - .165 | .137 | .271 | - .641 | 280 | 184 | - .128 | .106 | .244 | - .484 | 280 | 235 | - .128 | .115 | .268 | - .566 |
| 270 | 957 | - .106 | .131 | .274 | - .751 | 280 | 185 | - .134 | .109 | .205 | - .447 | 280 | 236 | - .075 | .114 | .273 | - .587 |
| 270 | 958 | - .066 | .186 | .431 | -1.021 | 280 | 186 | - .149 | .111 | .213 | - .499 | 280 | 237 | - .087 | .151 | .350 | - .863 |
| 270 | 959 | - .217 | .161 | .273 | - .829 | 280 | 187 | - .136 | .109 | .229 | - .494 | 280 | 238 | - .271 | .186 | .400 | - .944 |
| 270 | 960 | - .099 | .129 | .281 | - .591 | 280 | 188 | - .141 | .115 | .229 | - .504 | 280 | 239 | - .348 | .232 | .279 | -1.243 |
| 270 | 961 | - .101 | .129 | .431 | - .596 | 280 | 189 | - .137 | .104 | .218 | - .489 | 280 | 260 | - .128 | .131 | .295 | - .823 |
| 270 | 962 | - .159 | .138 | .352 | - .743 | 280 | 190 | - .121 | .115 | .286 | - .477 | 280 | 261 | - .138 | .128 | .308 | - .568 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|---------|
| 280 | 262 | - .131 | .130 | .294 | -.983 | 280 | 512 | .429 | .166 | .959 | - .115 | 280 | 571 | - .184 | .124 | .219 | - .605 |
| 280 | 263 | - .136 | .114 | .279 | -.574 | 280 | 513 | .231 | .166 | .851 | - .275 | 280 | 572 | - .184 | .127 | .213 | - .721 |
| 280 | 264 | - .141 | .120 | .292 | -.566 | 280 | 514 | -.068 | .153 | .469 | - .637 | 280 | 573 | .091 | .116 | .571 | - .274 |
| 280 | 265 | - .142 | .117 | .308 | -.548 | 280 | 515 | -.250 | .129 | .117 | - .679 | 280 | 574 | .022 | .108 | .385 | - .352 |
| 280 | 266 | - .166 | .125 | .260 | -.731 | 280 | 516 | -.233 | .122 | .198 | - .637 | 280 | 575 | -.091 | .108 | .247 | - .457 |
| 280 | 267 | - .165 | .126 | .305 | -.642 | 280 | 517 | -.190 | .126 | .191 | - .744 | 280 | 576 | - .143 | .121 | .623 | - .223 |
| 280 | 268 | - .185 | .132 | .307 | -.849 | 280 | 518 | -.155 | .115 | .240 | - .533 | 280 | 577 | .181 | .136 | .756 | - .269 |
| 280 | 269 | - .195 | .124 | .218 | -.684 | 280 | 519 | .390 | .205 | 1.097 | - .315 | 280 | 578 | .158 | .114 | .638 | - .282 |
| 280 | 270 | - .235 | .139 | .155 | -.880 | 280 | 520 | .501 | .205 | 1.107 | - .260 | 280 | 579 | .087 | .117 | .580 | - .282 |
| 280 | 271 | - .223 | .150 | .295 | -.046 | 280 | 521 | .446 | .192 | 1.117 | - .137 | 280 | 580 | .029 | .103 | .359 | - .306 |
| 280 | 272 | - .224 | .139 | .258 | -.889 | 280 | 522 | .237 | .175 | .829 | - .271 | 280 | 581 | -.057 | .104 | .422 | - .382 |
| 280 | 273 | - .219 | .139 | .206 | -.863 | 280 | 523 | -.080 | .156 | .381 | - .612 | 280 | 582 | -.075 | .107 | .312 | - .478 |
| 280 | 274 | - .163 | .119 | .182 | -.571 | 280 | 524 | -.308 | .144 | .157 | - .895 | 280 | 584 | .271 | .105 | .112 | - .655 |
| 280 | 275 | - .133 | .117 | .234 | -.553 | 280 | 525 | -.284 | .126 | .091 | - .747 | 280 | 585 | -.299 | .111 | .022 | - .702 |
| 280 | 276 | - .078 | .109 | .376 | -.574 | 280 | 526 | -.271 | .121 | .084 | - .760 | 280 | 901 | - .272 | .175 | .339 | - 1.070 |
| 280 | 277 | - .077 | .157 | .559 | -.733 | 280 | 527 | -.280 | .118 | .122 | - .727 | 280 | 902 | - .363 | .173 | .202 | - 1.137 |
| 280 | 278 | - .246 | .192 | .433 | -.860 | 280 | 528 | .163 | .231 | .912 | - .637 | 280 | 903 | - .379 | .140 | .024 | - .927 |
| 280 | 279 | - .306 | .188 | .310 | -.065 | 280 | 529 | .291 | .196 | 1.036 | - .271 | 280 | 904 | - .467 | .149 | .129 | - .974 |
| 280 | 280 | - .118 | .121 | .302 | -.499 | 280 | 530 | .188 | .199 | .932 | - .336 | 280 | 905 | - .569 | .175 | -.046 | - 1.174 |
| 280 | 281 | - .134 | .116 | .216 | -.638 | 280 | 531 | .029 | .165 | .807 | - .515 | 280 | 906 | - .201 | .175 | .329 | - 1.057 |
| 280 | 282 | - .122 | .120 | .307 | -.557 | 280 | 532 | -.213 | .153 | .359 | - .730 | 280 | 907 | - .225 | .155 | .288 | - .981 |
| 280 | 283 | - .092 | .128 | .424 | -.589 | 280 | 533 | -.397 | .140 | .078 | - .919 | 280 | 908 | - .485 | .180 | .097 | - 1.111 |
| 280 | 284 | - .120 | .107 | .206 | -.573 | 280 | 534 | -.332 | .113 | .137 | - .723 | 280 | 909 | - .616 | .182 | -.112 | - 1.367 |
| 280 | 285 | - .106 | .116 | .235 | -.529 | 280 | 535 | -.237 | .121 | .228 | - .660 | 280 | 910 | - .243 | .158 | .224 | - 1.050 |
| 280 | 286 | - .105 | .117 | .266 | -.520 | 280 | 536 | -.208 | .108 | .172 | - .545 | 280 | 911 | - .166 | .136 | .351 | - .805 |
| 280 | 287 | - .111 | .113 | .269 | -.542 | 280 | 537 | .267 | .226 | .971 | - .515 | 280 | 912 | - .201 | .156 | .252 | - 1.115 |
| 280 | 288 | - .098 | .109 | .264 | -.455 | 280 | 538 | .395 | .197 | 1.070 | - .144 | 280 | 913 | - .174 | .126 | .186 | - .720 |
| 280 | 289 | - .082 | .110 | .386 | -.382 | 280 | 539 | .335 | .168 | .911 | - .128 | 280 | 914 | - .129 | .124 | .437 | - .498 |
| 280 | 290 | - .101 | .108 | .216 | -.424 | 280 | 540 | -.157 | .155 | .787 | - .421 | 280 | 915 | - .140 | .117 | .259 | - .578 |
| 280 | 291 | - .109 | .113 | .295 | -.541 | 280 | 541 | -.077 | .143 | .391 | - .522 | 280 | 916 | - .152 | .117 | .274 | - .601 |
| 280 | 292 | - .150 | .102 | .203 | -.585 | 280 | 542 | -.249 | .139 | .200 | - .764 | 280 | 917 | - .098 | .161 | .479 | - .784 |
| 280 | 293 | - .239 | .123 | .174 | -.705 | 280 | 543 | -.244 | .119 | .292 | - .648 | 280 | 919 | - .155 | .113 | .251 | - .579 |
| 280 | 294 | - .215 | .107 | .167 | -.573 | 280 | 544 | -.219 | .121 | .218 | - .674 | 280 | 920 | - .118 | .129 | .310 | - .642 |
| 280 | 295 | - .247 | .105 | .076 | -.625 | 280 | 545 | -.197 | .109 | .205 | - .569 | 280 | 921 | - .004 | .145 | .451 | - .506 |
| 280 | 296 | - .238 | .120 | .197 | -.598 | 280 | 546 | .251 | .172 | .813 | - .733 | 280 | 922 | - .055 | .140 | .418 | - .739 |
| 280 | 297 | - .213 | .141 | .352 | -.686 | 280 | 547 | .293 | .169 | .995 | - .288 | 280 | 923 | - .024 | .170 | .445 | - .739 |
| 280 | 298 | - .154 | .143 | .289 | -.847 | 280 | 548 | .278 | .166 | .972 | - .139 | 280 | 924 | - .194 | .144 | .210 | - .637 |
| 280 | 299 | - .103 | .129 | .352 | -.631 | 280 | 549 | .151 | .163 | .717 | - .360 | 280 | 925 | - .054 | .159 | .559 | - .635 |
| 280 | 401 | - .119 | .115 | .269 | -.529 | 280 | 550 | -.067 | .136 | .414 | - .548 | 280 | 926 | - .140 | .112 | .210 | - .525 |
| 280 | 463 | - .004 | .140 | .510 | -.625 | 280 | 551 | -.213 | .144 | .206 | - .760 | 280 | 927 | - .099 | .138 | .351 | - .608 |
| 280 | 501 | - .370 | .208 | 1.117 | -.341 | 280 | 552 | -.246 | .125 | .104 | - .645 | 280 | 928 | - .160 | .120 | .235 | - .659 |
| 280 | 502 | - .417 | .194 | 1.018 | -.089 | 280 | 553 | -.204 | .128 | .163 | - .742 | 280 | 929 | - .140 | .118 | .293 | - .537 |
| 280 | 503 | - .220 | .163 | .820 | -.383 | 280 | 554 | -.200 | .124 | .254 | - .691 | 280 | 930 | - .058 | .116 | .334 | - .488 |
| 280 | 504 | - .093 | .143 | .566 | -.566 | 280 | 564 | .187 | .150 | .716 | - .256 | 280 | 931 | - .189 | .140 | .213 | - .783 |
| 280 | 505 | - .099 | .132 | .389 | -.562 | 280 | 565 | .237 | .159 | .941 | - .244 | 280 | 932 | - .080 | .116 | .354 | - .484 |
| 280 | 506 | - .213 | .125 | .279 | -.645 | 280 | 566 | .208 | .154 | .782 | - .288 | 280 | 933 | - .086 | .143 | .281 | - 1.379 |
| 280 | 507 | - .226 | .129 | .200 | -.775 | 280 | 567 | .101 | .137 | .628 | - .308 | 280 | 934 | - .145 | .133 | .246 | - 1.277 |
| 280 | 508 | - .145 | .135 | .329 | -.768 | 280 | 568 | -.040 | .127 | .417 | - .545 | 280 | 935 | - .051 | .121 | .361 | - .467 |
| 280 | 510 | - .437 | .227 | 1.170 | -.400 | 280 | 569 | -.177 | .124 | .185 | - .658 | 280 | 936 | - .102 | .134 | .334 | - .620 |
| 280 | 511 | - .505 | .221 | 1.347 | -.099 | 280 | 570 | -.202 | .122 | .151 | - .640 | 280 | 937 | - .168 | .138 | .217 | - .681 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 280 | 938 | .114 | .129 | .359 | .578 | 290 | 166 | .204 | .135 | .223 | .786 | 290 | 217 | .061 | .194 | .506 | .793 |
| 280 | 939 | .041 | .143 | .710 | .513 | 290 | 167 | .227 | .128 | .189 | .686 | 290 | 218 | .325 | .249 | .591 | -1.132 |
| 280 | 940 | .142 | .132 | .242 | .940 | 290 | 168 | .244 | .119 | .120 | .839 | 290 | 219 | .291 | .220 | .376 | -1.114 |
| 280 | 941 | .155 | .150 | .276 | .998 | 290 | 169 | .280 | .124 | .175 | .687 | 290 | 220 | .274 | .122 | .063 | .811 |
| 280 | 942 | .020 | .152 | .513 | .588 | 290 | 170 | .308 | .124 | .115 | .832 | 290 | 221 | .239 | .114 | .105 | .743 |
| 280 | 943 | .184 | .125 | .163 | .686 | 290 | 171 | .282 | .123 | .120 | .750 | 290 | 222 | .193 | .119 | .161 | .711 |
| 280 | 944 | .172 | .131 | .213 | .659 | 290 | 172 | .250 | .115 | .175 | .689 | 290 | 223 | .198 | .109 | .154 | .560 |
| 280 | 945 | .132 | .118 | .266 | .657 | 290 | 173 | .218 | .110 | .159 | .610 | 290 | 224 | .208 | .117 | .153 | .970 |
| 280 | 946 | .213 | .132 | .252 | .927 | 290 | 174 | .204 | .113 | .127 | .592 | 290 | 225 | .207 | .122 | .148 | .719 |
| 280 | 947 | .149 | .130 | .297 | .704 | 290 | 175 | .138 | .110 | .240 | .475 | 290 | 226 | .205 | .115 | .146 | .727 |
| 280 | 948 | .179 | .140 | .190 | .842 | 290 | 176 | .098 | .129 | .482 | .342 | 290 | 227 | .205 | .130 | .296 | .732 |
| 280 | 949 | .067 | .125 | .411 | .791 | 290 | 177 | .068 | .158 | .747 | .433 | 290 | 228 | .195 | .121 | .211 | .808 |
| 280 | 950 | .001 | .131 | .491 | .874 | 290 | 178 | .069 | .235 | .683 | .592 | 290 | 229 | .201 | .116 | .188 | .682 |
| 280 | 951 | .125 | .141 | .319 | .745 | 290 | 179 | .203 | .295 | .532 | -1.308 | 290 | 230 | .198 | .120 | .170 | .936 |
| 280 | 952 | .141 | .136 | .256 | .764 | 290 | 180 | .144 | .125 | .299 | .655 | 290 | 231 | .186 | .111 | .190 | .557 |
| 280 | 953 | .058 | .112 | .362 | .425 | 290 | 181 | .141 | .110 | .233 | .528 | 290 | 232 | .186 | .119 | .201 | .779 |
| 280 | 954 | .052 | .117 | .311 | .458 | 290 | 182 | .132 | .109 | .190 | .512 | 290 | 233 | .198 | .110 | .180 | .674 |
| 280 | 955 | .212 | .186 | .290 | .489 | 290 | 183 | .141 | .110 | .177 | .492 | 290 | 234 | .181 | .115 | .185 | .644 |
| 280 | 956 | .144 | .129 | .282 | .636 | 290 | 184 | .152 | .126 | .226 | .681 | 290 | 235 | .107 | .118 | .296 | .502 |
| 280 | 957 | .085 | .126 | .319 | .600 | 290 | 185 | .161 | .110 | .216 | .586 | 290 | 236 | .003 | .119 | .468 | .398 |
| 280 | 958 | .022 | .128 | .382 | .600 | 290 | 186 | .171 | .115 | .187 | .600 | 290 | 237 | .063 | .154 | .545 | .544 |
| 280 | 959 | .089 | .147 | .356 | .736 | 290 | 187 | .170 | .107 | .197 | .585 | 290 | 238 | .098 | .233 | .691 | -1.164 |
| 280 | 960 | .037 | .119 | .370 | .507 | 290 | 188 | .160 | .119 | .262 | .569 | 290 | 239 | .178 | .218 | .448 | -1.024 |
| 280 | 961 | .049 | .121 | .338 | .417 | 290 | 189 | .162 | .110 | .175 | .636 | 290 | 260 | .162 | .123 | .265 | .814 |
| 280 | 962 | .106 | .132 | .328 | .614 | 290 | 190 | .165 | .107 | .245 | .511 | 290 | 261 | .163 | .142 | .305 | .713 |
| 290 | 140 | .140 | .110 | .177 | .505 | 290 | 191 | .154 | .114 | .235 | .559 | 290 | 262 | .123 | .114 | .278 | .541 |
| 290 | 141 | .129 | .116 | .289 | .441 | 290 | 192 | .154 | .102 | .159 | .476 | 290 | 263 | .163 | .117 | .230 | .631 |
| 290 | 142 | .127 | .107 | .217 | .557 | 290 | 193 | .164 | .125 | .262 | .598 | 290 | 264 | .155 | .126 | .246 | .694 |
| 290 | 143 | .139 | .105 | .246 | .470 | 290 | 194 | .178 | .128 | .252 | .571 | 290 | 265 | .173 | .120 | .215 | .600 |
| 290 | 144 | .139 | .119 | .265 | .512 | 290 | 195 | .105 | .115 | .316 | .499 | 290 | 266 | .175 | .126 | .235 | .732 |
| 290 | 145 | .144 | .111 | .227 | .469 | 290 | 196 | .010 | .134 | .426 | .480 | 290 | 267 | .205 | .141 | .309 | .835 |
| 290 | 146 | .186 | .128 | .189 | .712 | 290 | 197 | .093 | .184 | .594 | .464 | 290 | 268 | .206 | .141 | .416 | .751 |
| 290 | 147 | .190 | .134 | .239 | .861 | 290 | 198 | .155 | .270 | .847 | .913 | 290 | 269 | .230 | .131 | .313 | .793 |
| 290 | 149 | .195 | .118 | .210 | .648 | 290 | 199 | .208 | .283 | .670 | -1.408 | 290 | 270 | .259 | .139 | .106 | .830 |
| 290 | 150 | .199 | .128 | .246 | .608 | 290 | 200 | .170 | .135 | .225 | .586 | 290 | 271 | .281 | .161 | .172 | -1.463 |
| 290 | 151 | .184 | .121 | .284 | .533 | 290 | 202 | .160 | .111 | .252 | .537 | 290 | 272 | .283 | .153 | .185 | .899 |
| 290 | 152 | .188 | .115 | .182 | .569 | 290 | 203 | .171 | .128 | .237 | .586 | 290 | 273 | .242 | .142 | .151 | .817 |
| 290 | 153 | .181 | .132 | .206 | .625 | 290 | 204 | .179 | .123 | .312 | .621 | 290 | 274 | .194 | .128 | .264 | .716 |
| 290 | 154 | .154 | .127 | .270 | .555 | 290 | 205 | .195 | .124 | .240 | .677 | 290 | 275 | .109 | .124 | .304 | .578 |
| 290 | 155 | .086 | .112 | .453 | .405 | 290 | 206 | .197 | .128 | .213 | .671 | 290 | 276 | .007 | .113 | .450 | .339 |
| 290 | 156 | .000 | .132 | .416 | .503 | 290 | 207 | .187 | .121 | .214 | .604 | 290 | 277 | .070 | .141 | .569 | .449 |
| 290 | 157 | .077 | .157 | .661 | .390 | 290 | 208 | .196 | .121 | .235 | .573 | 290 | 278 | .068 | .202 | .776 | .687 |
| 290 | 158 | .198 | .282 | .781 | -1.232 | 290 | 209 | .179 | .118 | .244 | .530 | 290 | 279 | .149 | .177 | .418 | .872 |
| 290 | 159 | .337 | .264 | .532 | -1.228 | 290 | 210 | .187 | .119 | .276 | .578 | 290 | 280 | .127 | .112 | .219 | .528 |
| 290 | 160 | .132 | .113 | .244 | .481 | 290 | 211 | .174 | .132 | .238 | .648 | 290 | 281 | .133 | .124 | .266 | .642 |
| 290 | 161 | .142 | .117 | .254 | .441 | 290 | 212 | .195 | .119 | .226 | .578 | 290 | 282 | .104 | .113 | .346 | .555 |
| 290 | 162 | .133 | .117 | .279 | .524 | 290 | 213 | .203 | .136 | .199 | .708 | 290 | 283 | .142 | .128 | .353 | .708 |
| 290 | 163 | .143 | .115 | .301 | .522 | 290 | 214 | .231 | .124 | .189 | .626 | 290 | 284 | .139 | .104 | .166 | .499 |
| 290 | 164 | .149 | .130 | .258 | .655 | 290 | 215 | .176 | .117 | .195 | .507 | 290 | 285 | .107 | .113 | .325 | .511 |
| 290 | 165 | .171 | .120 | .265 | .603 | 290 | 216 | .107 | .150 | .367 | .557 | 290 | 286 | .117 | .119 | .319 | .584 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 290 | 287 | .118 | .113 | .299 | -.552 | 290 | 537 | .333 | .206 | .920 | -.729 | 290 | 912 | -.134 | .131 | .288 | -.652 |
| 290 | 288 | -.091 | .119 | .324 | -.537 | 290 | 538 | .346 | .212 | 1.071 | -.581 | 290 | 913 | -.176 | .130 | .175 | -.695 |
| 290 | 289 | -.091 | .103 | .261 | -.431 | 290 | 539 | .204 | .173 | .806 | -.282 | 290 | 914 | -.138 | .131 | .319 | -.599 |
| 290 | 290 | -.114 | .115 | .254 | -.511 | 290 | 540 | .000 | .158 | .520 | -.563 | 290 | 915 | -.162 | .119 | .218 | -.664 |
| 290 | 291 | -.106 | .110 | .249 | -.505 | 290 | 541 | -.149 | .149 | .286 | -.824 | 290 | 916 | -.168 | .129 | .254 | -.838 |
| 290 | 292 | -.157 | .108 | .198 | -.603 | 290 | 542 | -.356 | .142 | .071 | -.646 | 290 | 917 | -.053 | .174 | .629 | -.481 |
| 290 | 293 | -.267 | .136 | .167 | -.765 | 290 | 543 | -.326 | .131 | .108 | -.909 | 290 | 919 | -.193 | .120 | .273 | -.712 |
| 290 | 294 | -.206 | .107 | .143 | -.582 | 290 | 544 | -.251 | .123 | .106 | -.684 | 290 | 920 | -.186 | .133 | .232 | -.816 |
| 290 | 295 | -.235 | .110 | .154 | -.598 | 290 | 544 | -.235 | .121 | .180 | -.719 | 290 | 921 | .066 | .132 | .464 | -.453 |
| 290 | 296 | -.171 | .118 | .315 | -.613 | 290 | 546 | .244 | .230 | .923 | -.784 | 290 | 922 | .027 | .120 | .405 | -.448 |
| 290 | 297 | -.097 | .138 | .460 | -.502 | 290 | 547 | .249 | .180 | .875 | -.610 | 290 | 923 | -.177 | .185 | .406 | -.769 |
| 290 | 298 | -.028 | .149 | .519 | -.613 | 290 | 548 | .192 | .167 | .827 | -.322 | 290 | 924 | -.265 | .160 | .196 | -.948 |
| 290 | 299 | -.006 | .143 | .546 | -.578 | 290 | 549 | -.010 | .136 | .447 | -.452 | 290 | 925 | .036 | .136 | .588 | -.447 |
| 290 | 401 | -.134 | .109 | .295 | -.592 | 290 | 550 | -.201 | .143 | .233 | -.677 | 290 | 926 | -.207 | .137 | .216 | -.645 |
| 290 | 463 | .091 | .149 | .689 | -.354 | 290 | 551 | -.313 | .139 | .029 | -.957 | 290 | 927 | -.126 | .152 | .435 | -.578 |
| 290 | 501 | .407 | .213 | 1.037 | -.631 | 290 | 552 | -.325 | .130 | .064 | -.832 | 290 | 928 | -.223 | .123 | .163 | -.609 |
| 290 | 502 | .341 | .199 | 1.034 | -.386 | 290 | 553 | -.250 | .126 | .145 | -.755 | 290 | 929 | -.212 | .138 | .202 | -.709 |
| 290 | 503 | .118 | .159 | .706 | -.513 | 290 | 554 | -.233 | .137 | .275 | -.723 | 290 | 930 | -.004 | .132 | .447 | -.472 |
| 290 | 504 | .028 | .134 | .454 | -.550 | 290 | 556 | .182 | .184 | .804 | -.120 | 290 | 931 | -.210 | .141 | .235 | -.818 |
| 290 | 505 | -.192 | .128 | .343 | -.665 | 290 | 556 | .211 | .155 | .787 | -.613 | 290 | 932 | -.039 | .130 | .369 | -.508 |
| 290 | 506 | -.291 | .119 | .069 | -.724 | 290 | 556 | .124 | .144 | .809 | -.278 | 290 | 933 | -.039 | .132 | .408 | -.655 |
| 290 | 507 | -.269 | .132 | .182 | -.882 | 290 | 556 | -.017 | .124 | .415 | -.420 | 290 | 934 | -.173 | .128 | .247 | -.625 |
| 290 | 508 | -.187 | .140 | .356 | -.821 | 290 | 558 | -.149 | .119 | .314 | -.552 | 290 | 935 | .012 | .115 | .451 | -.441 |
| 290 | 510 | .536 | .215 | 1.239 | -.307 | 290 | 558 | .249 | .124 | .222 | -.647 | 290 | 936 | .018 | .148 | .495 | -.618 |
| 290 | 511 | .445 | .208 | 1.297 | -.178 | 290 | 570 | -.227 | .117 | .138 | -.649 | 290 | 937 | -.205 | .146 | .280 | -.784 |
| 290 | 512 | .293 | .174 | .820 | -.215 | 290 | 571 | -.198 | .129 | .219 | -.650 | 290 | 938 | -.091 | .123 | .281 | -.525 |
| 290 | 513 | .028 | .151 | .575 | -.421 | 290 | 572 | -.200 | .124 | .195 | -.700 | 290 | 939 | .006 | .155 | .588 | -.477 |
| 290 | 514 | .250 | .150 | .348 | -.787 | 290 | 573 | .021 | .106 | .508 | -.340 | 290 | 940 | -.130 | .147 | .363 | -.757 |
| 290 | 515 | .353 | .133 | .101 | -.826 | 290 | 574 | -.060 | .119 | .344 | -.533 | 290 | 941 | -.149 | .154 | .343 | -.864 |
| 290 | 516 | -.282 | .132 | .172 | -.863 | 290 | 575 | .133 | .110 | .346 | -.549 | 290 | 942 | .001 | .168 | .720 | -.549 |
| 290 | 517 | -.211 | .121 | .140 | -.739 | 290 | 576 | .154 | .152 | .708 | -.492 | 290 | 943 | -.209 | .133 | .226 | -.739 |
| 290 | 518 | -.190 | .117 | .236 | -.590 | 290 | 577 | .152 | .132 | .618 | -.299 | 290 | 944 | -.147 | .111 | .197 | -.483 |
| 290 | 519 | .485 | .215 | 1.284 | -.692 | 290 | 578 | .162 | .112 | .542 | -.267 | 290 | 945 | -.144 | .124 | .333 | -.517 |
| 290 | 520 | .443 | .209 | 1.068 | -.336 | 290 | 579 | -.005 | .111 | .302 | -.364 | 290 | 946 | -.167 | .141 | .268 | -.649 |
| 290 | 521 | .290 | .200 | .876 | -.305 | 290 | 580 | -.024 | .104 | .307 | -.365 | 290 | 947 | -.167 | .128 | .277 | -.734 |
| 290 | 522 | .021 | .179 | .596 | -.647 | 290 | 581 | -.113 | .106 | .224 | -.473 | 290 | 948 | -.181 | .135 | .249 | -.784 |
| 290 | 523 | .266 | .164 | .251 | -.868 | 290 | 582 | -.126 | .102 | .224 | -.470 | 290 | 949 | -.064 | .123 | .339 | -.543 |
| 290 | 524 | .413 | .147 | .011 | -.931 | 290 | 584 | -.285 | .101 | .040 | -.679 | 290 | 950 | -.005 | .137 | .494 | -.803 |
| 290 | 525 | .333 | .136 | .114 | -.948 | 290 | 585 | .321 | .109 | .071 | -.777 | 290 | 951 | -.155 | .141 | .298 | -.672 |
| 290 | 526 | .327 | .137 | .080 | -.918 | 290 | 901 | -.222 | .138 | .223 | -.948 | 290 | 952 | -.144 | .124 | .229 | -.632 |
| 290 | 527 | .314 | .123 | .124 | -.810 | 290 | 902 | -.297 | .139 | .067 | -.1051 | 290 | 953 | -.055 | .120 | .358 | -.426 |
| 290 | 528 | .255 | .233 | 1.030 | -.634 | 290 | 903 | -.340 | .129 | .043 | -.1219 | 290 | 954 | .029 | .126 | .339 | -.448 |
| 290 | 529 | .231 | .203 | .957 | -.660 | 290 | 904 | -.438 | .147 | .035 | -.979 | 290 | 955 | -.145 | .152 | .263 | -.896 |
| 290 | 530 | .032 | .179 | .593 | -.658 | 290 | 905 | -.670 | .211 | -.025 | -.1481 | 290 | 956 | -.141 | .135 | .320 | -.574 |
| 290 | 531 | .190 | .168 | .368 | -.705 | 290 | 906 | -.153 | .165 | .425 | -.876 | 290 | 957 | -.080 | .115 | .349 | -.465 |
| 290 | 532 | .429 | .163 | .032 | -.991 | 290 | 907 | -.165 | .138 | .293 | -.671 | 290 | 958 | -.023 | .114 | .289 | -.436 |
| 290 | 533 | .516 | .144 | .050 | -.044 | 290 | 908 | -.296 | .209 | .261 | -.940 | 290 | 959 | -.008 | .148 | .537 | -.586 |
| 290 | 534 | .397 | .127 | .050 | -.938 | 290 | 909 | -.539 | .199 | -.024 | -.1305 | 290 | 960 | .014 | .134 | .418 | -.484 |
| 290 | 535 | .292 | .134 | .191 | -.863 | 290 | 910 | -.145 | .136 | .319 | -.832 | 290 | 961 | .003 | .117 | .332 | -.483 |
| 290 | 536 | .254 | .121 | .141 | -.824 | 290 | 911 | -.148 | .115 | .242 | -.505 | 290 | 962 | -.015 | .127 | .399 | -.503 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|---------|-----|-----|--------|-------|-------|---------|
| 300 | 140 | - 171 | .121 | .226 | - .396 | 300 | 191 | - .199 | .130 | .191 | - .773 | 300 | 262 | - .167 | .131 | .316 | - .713 |
| 300 | 141 | - .160 | .118 | .206 | - .634 | 300 | 192 | - .195 | .128 | .219 | - .752 | 300 | 263 | - .185 | .140 | .322 | - .742 |
| 300 | 142 | - .154 | .112 | .211 | - .569 | 300 | 193 | - .193 | .137 | .260 | - 1.158 | 300 | 264 | - .201 | .140 | .211 | - .802 |
| 300 | 143 | - .153 | .119 | .312 | - .533 | 300 | 194 | - .178 | .120 | .204 | - .627 | 300 | 265 | - .198 | .136 | .181 | - .724 |
| 300 | 144 | - .169 | .123 | .252 | - .721 | 300 | 195 | - .081 | .115 | .355 | - .443 | 300 | 266 | - .202 | .145 | .210 | - .857 |
| 300 | 145 | - .184 | .135 | .234 | - .611 | 300 | 196 | - .089 | .139 | .643 | - .355 | 300 | 267 | - .211 | .149 | .397 | - .908 |
| 300 | 146 | - .209 | .145 | .392 | - .745 | 300 | 197 | - .222 | .150 | .718 | - .251 | 300 | 268 | - .228 | .169 | .382 | - .908 |
| 300 | 147 | - .208 | .129 | .404 | - .703 | 300 | 198 | - .172 | .238 | .940 | - .549 | 300 | 269 | - .226 | .151 | .537 | - 1.014 |
| 300 | 149 | - .238 | .117 | .134 | - .701 | 300 | 199 | - .109 | .233 | .638 | - .803 | 300 | 270 | - .289 | .154 | .121 | - 1.064 |
| 300 | 150 | - .236 | .133 | .267 | - .767 | 300 | 200 | - .180 | .133 | .211 | - .693 | 300 | 271 | - .280 | .177 | .134 | - 1.064 |
| 300 | 151 | - .215 | .119 | .144 | - .696 | 300 | 202 | - .154 | .117 | .270 | - .547 | 300 | 272 | - .293 | .171 | .202 | - 1.185 |
| 300 | 152 | - .214 | .118 | .246 | - .581 | 300 | 203 | - .190 | .129 | .204 | - .650 | 300 | 273 | - .285 | .157 | .172 | - .952 |
| 300 | 153 | - .207 | .118 | .146 | - .638 | 300 | 204 | - .200 | .143 | .212 | - .935 | 300 | 274 | - .169 | .125 | .338 | - .597 |
| 300 | 154 | - .143 | .117 | .270 | - .568 | 300 | 205 | - .214 | .151 | .240 | - .992 | 300 | 275 | - .097 | .121 | .338 | - .523 |
| 300 | 155 | - .057 | .116 | .422 | - .425 | 300 | 206 | - .210 | .141 | .317 | - .912 | 300 | 276 | - .026 | .109 | .379 | - .295 |
| 300 | 156 | - .088 | .125 | .663 | - .272 | 300 | 207 | - .219 | .144 | .285 | - .789 | 300 | 277 | - .113 | .132 | .484 | - .409 |
| 300 | 157 | - .192 | .165 | .701 | - .318 | 300 | 208 | - .219 | .128 | .204 | - .830 | 300 | 278 | - .012 | .191 | .613 | - .710 |
| 300 | 158 | - .163 | .270 | .987 | - .724 | 300 | 209 | - .219 | .122 | .176 | - .711 | 300 | 279 | - .056 | .156 | .571 | - .673 |
| 300 | 159 | - .035 | .269 | .831 | - .030 | 300 | 210 | - .204 | .133 | .160 | - .830 | 300 | 280 | - .112 | .121 | .244 | - .562 |
| 300 | 160 | - .158 | .127 | .238 | - .579 | 300 | 211 | - .217 | .120 | .222 | - .621 | 300 | 281 | - .116 | .127 | .287 | - .646 |
| 300 | 161 | - .147 | .115 | .205 | - .523 | 300 | 212 | - .223 | .130 | .229 | - .711 | 300 | 282 | - .110 | .121 | .258 | - .506 |
| 300 | 162 | - .150 | .106 | .241 | - .537 | 300 | 213 | - .233 | .112 | .178 | - .629 | 300 | 283 | - .190 | .132 | .201 | - .871 |
| 300 | 163 | - .149 | .117 | .203 | - .528 | 300 | 214 | - .232 | .120 | .097 | - .670 | 300 | 284 | - .176 | .108 | .201 | - .670 |
| 300 | 164 | - .175 | .109 | .200 | - .514 | 300 | 215 | - .155 | .113 | .283 | - .593 | 300 | 285 | - .134 | .117 | .234 | - .530 |
| 300 | 165 | - .190 | .129 | .261 | - .790 | 300 | 216 | - .031 | .125 | .406 | - .478 | 300 | 286 | - .127 | .108 | .317 | - .530 |
| 300 | 166 | - .230 | .123 | .236 | - .780 | 300 | 217 | - .047 | .146 | .628 | - .442 | 300 | 287 | - .120 | .118 | .312 | - .543 |
| 300 | 167 | - .263 | .131 | .381 | - .750 | 300 | 218 | - .076 | .235 | .724 | - .745 | 300 | 288 | - .093 | .120 | .363 | - .566 |
| 300 | 168 | - .297 | .127 | .078 | - .944 | 300 | 219 | - .102 | .202 | .683 | - .724 | 300 | 289 | - .082 | .107 | .318 | - .452 |
| 300 | 169 | - .297 | .111 | .057 | - .683 | 300 | 220 | - .318 | .152 | .127 | - 1.033 | 300 | 290 | - .107 | .121 | .285 | - .654 |
| 300 | 170 | - .316 | .124 | .040 | - .785 | 300 | 221 | - .264 | .130 | .192 | - 1.026 | 300 | 291 | - .110 | .109 | .247 | - .605 |
| 300 | 171 | - .323 | .124 | .051 | - .848 | 300 | 222 | - .208 | .121 | .191 | - .792 | 300 | 292 | - .160 | .111 | .242 | - .620 |
| 300 | 172 | - .289 | .127 | .127 | - .657 | 300 | 223 | - .218 | .129 | .167 | - .666 | 300 | 293 | - .303 | .145 | .186 | - 1.024 |
| 300 | 173 | - .267 | .133 | .112 | - .864 | 300 | 224 | - .210 | .139 | .175 | - 1.281 | 300 | 294 | - .225 | .104 | .085 | - .547 |
| 300 | 174 | - .226 | .109 | .137 | - .629 | 300 | 225 | - .210 | .136 | .257 | - .908 | 300 | 295 | - .209 | .109 | .153 | - .589 |
| 300 | 175 | - .105 | .122 | .357 | - .491 | 300 | 226 | - .215 | .141 | .221 | - .751 | 300 | 296 | - .138 | .122 | .291 | - .520 |
| 300 | 176 | - .108 | .136 | .708 | - .333 | 300 | 227 | - .220 | .133 | .272 | - .863 | 300 | 297 | - .055 | .162 | .610 | - .605 |
| 300 | 177 | - .235 | .153 | .733 | - .233 | 300 | 228 | - .223 | .141 | .499 | - .716 | 300 | 298 | - .015 | .152 | .631 | - .503 |
| 300 | 178 | - .184 | .254 | .891 | - .951 | 300 | 229 | - .232 | .130 | .219 | - .920 | 300 | 299 | - .001 | .131 | .561 | - .484 |
| 300 | 179 | - .166 | .266 | .897 | - .963 | 300 | 230 | - .247 | .130 | .131 | - .759 | 300 | 401 | - .182 | .124 | .293 | - .701 |
| 300 | 180 | - .165 | .132 | .298 | - .601 | 300 | 231 | - .236 | .134 | .146 | - .854 | 300 | 463 | - .110 | .144 | .691 | - .331 |
| 300 | 181 | - .174 | .124 | .191 | - .608 | 300 | 232 | - .238 | .135 | .237 | - .775 | 300 | 501 | - .187 | .288 | .947 | - 1.119 |
| 300 | 182 | - .161 | .123 | .257 | - .603 | 300 | 233 | - .232 | .139 | .175 | - .920 | 300 | 502 | - .160 | .198 | .849 | - .539 |
| 300 | 183 | - .168 | .122 | .214 | - .646 | 300 | 234 | - .193 | .114 | .303 | - .632 | 300 | 503 | - .040 | .147 | .499 | - .520 |
| 300 | 184 | - .177 | .119 | .179 | - .677 | 300 | 235 | - .085 | .117 | .293 | - .542 | 300 | 504 | - .165 | .128 | .282 | - .638 |
| 300 | 185 | - .191 | .132 | .275 | - 1.027 | 300 | 236 | - .058 | .120 | .553 | - .344 | 300 | 505 | - .279 | .130 | .072 | - .810 |
| 300 | 186 | - .205 | .133 | .372 | - .757 | 300 | 237 | - .162 | .140 | .727 | - .327 | 300 | 506 | - .353 | .149 | .053 | - .973 |
| 300 | 187 | - .209 | .123 | .247 | - .724 | 300 | 238 | - .043 | .225 | .862 | - .613 | 300 | 507 | - .367 | .169 | .202 | - 1.076 |
| 300 | 188 | - .215 | .128 | .354 | - .757 | 300 | 239 | - .022 | .199 | .838 | - .783 | 300 | 508 | - .247 | .132 | .163 | - .719 |
| 300 | 189 | - .196 | .114 | .183 | - .573 | 300 | 260 | - .168 | .133 | .253 | - .621 | 300 | 510 | - .239 | .352 | 1.027 | - 1.097 |
| 300 | 190 | - .194 | .127 | .270 | - .716 | 300 | 261 | - .184 | .135 | .275 | - .737 | 300 | 511 | - .258 | .257 | 1.112 | - 1.111 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|-------|
| 300 | 512 | .069 | .166 | .625 | -.443 | 300 | 571 | -.174 | .129 | .194 | -.592 | 300 | 938 | -.064 | .104 | .287 | -.398 |
| 300 | 513 | -.182 | .151 | .307 | -.786 | 300 | 572 | -.189 | .134 | .207 | -1.031 | 300 | 939 | -.006 | .139 | .555 | -.483 |
| 300 | 514 | -.381 | .147 | .082 | -.849 | 300 | 573 | -.028 | .109 | .282 | -.462 | 300 | 940 | -.089 | .121 | .318 | -.696 |
| 300 | 515 | -.466 | .136 | -.068 | -.897 | 300 | 574 | -.121 | .106 | .264 | -.517 | 300 | 941 | -.099 | .130 | .344 | -.616 |
| 300 | 516 | -.362 | .141 | .061 | -.817 | 300 | 575 | -.149 | .112 | .253 | -.544 | 300 | 942 | -.023 | .131 | .464 | -.507 |
| 300 | 517 | -.262 | .125 | .140 | -.738 | 300 | 576 | -.128 | .154 | .697 | -.511 | 300 | 943 | -.158 | .119 | .192 | -.611 |
| 300 | 518 | -.219 | .127 | .145 | -.690 | 300 | 577 | -.154 | .143 | .765 | -.473 | 300 | 944 | -.134 | .107 | .234 | -.463 |
| 300 | 519 | .171 | .367 | 1.070 | -1.111 | 300 | 578 | -.075 | .110 | .448 | -.287 | 300 | 945 | -.126 | .105 | .261 | -.486 |
| 300 | 520 | .215 | .336 | 1.238 | -1.370 | 300 | 579 | -.025 | .110 | .318 | -.484 | 300 | 946 | -.139 | .115 | .220 | -.565 |
| 300 | 521 | .037 | .178 | .742 | -.544 | 300 | 580 | -.058 | .099 | .259 | -.397 | 300 | 947 | -.148 | .117 | .215 | -.653 |
| 300 | 522 | .237 | .162 | .229 | -.805 | 300 | 581 | -.150 | .098 | .179 | -.462 | 300 | 948 | -.166 | .137 | .293 | -.735 |
| 300 | 523 | -.464 | .164 | -.031 | -1.130 | 300 | 582 | -.158 | .102 | .166 | -.544 | 300 | 949 | -.068 | .131 | .474 | -.564 |
| 300 | 524 | -.497 | .154 | -.084 | -1.070 | 300 | 584 | -.302 | .113 | .065 | -.768 | 300 | 950 | -.022 | .127 | .420 | -.518 |
| 300 | 525 | -.498 | .157 | -.078 | -1.010 | 300 | 585 | -.313 | .111 | .004 | -.731 | 300 | 951 | -.140 | .160 | .364 | -.755 |
| 300 | 526 | -.340 | .145 | .075 | -.994 | 300 | 901 | -.143 | .132 | .310 | -.537 | 300 | 952 | -.103 | .126 | .251 | -.645 |
| 300 | 527 | -.329 | .139 | .107 | -.848 | 300 | 902 | -.222 | .139 | .320 | -.830 | 300 | 953 | -.035 | .115 | .338 | -.390 |
| 300 | 528 | .027 | .349 | 1.009 | -1.589 | 300 | 903 | -.305 | .143 | .139 | -.743 | 300 | 954 | -.016 | .124 | .382 | -.402 |
| 300 | 529 | .035 | .276 | .833 | -1.288 | 300 | 904 | -.440 | .140 | .011 | -.937 | 300 | 955 | -.091 | .141 | .282 | -.707 |
| 300 | 530 | -.178 | .180 | .437 | -.797 | 300 | 905 | -.647 | .233 | .054 | -.823 | 300 | 956 | -.141 | .146 | .298 | -.633 |
| 300 | 531 | -.375 | .163 | .169 | -.953 | 300 | 906 | -.093 | .138 | .428 | -.606 | 300 | 957 | -.069 | .126 | .318 | -.514 |
| 300 | 532 | -.629 | .156 | -.175 | -1.383 | 300 | 907 | -.130 | .118 | .272 | -.694 | 300 | 958 | -.008 | .121 | .423 | -.417 |
| 300 | 533 | -.697 | .160 | -.100 | -1.178 | 300 | 908 | -.196 | .172 | .233 | -.899 | 300 | 959 | .063 | .135 | .486 | -.431 |
| 300 | 534 | -.453 | .147 | .030 | -1.061 | 300 | 909 | -.524 | .185 | .031 | -1.222 | 300 | 960 | .051 | .113 | .420 | -.306 |
| 300 | 535 | -.313 | .140 | .087 | -.799 | 300 | 910 | -.140 | .132 | .289 | -.650 | 300 | 961 | .023 | .118 | .425 | -.361 |
| 300 | 536 | -.272 | .133 | .144 | -.837 | 300 | 911 | -.155 | .123 | .275 | -.596 | 300 | 962 | -.023 | .120 | .459 | -.380 |
| 300 | 537 | .096 | .322 | .989 | -.994 | 300 | 912 | -.231 | .182 | .251 | -.883 | 310 | 140 | -.178 | .139 | .306 | -.664 |
| 300 | 538 | .127 | .248 | 1.042 | -1.184 | 300 | 913 | -.149 | .132 | .316 | -.740 | 310 | 141 | -.169 | .128 | .234 | -.609 |
| 300 | 539 | .031 | .168 | .708 | -.742 | 300 | 914 | -.120 | .124 | .369 | -.516 | 310 | 142 | -.166 | .133 | .233 | -.718 |
| 300 | 540 | -.206 | .150 | .248 | -.853 | 300 | 915 | -.190 | .130 | .256 | -.648 | 310 | 143 | -.177 | .136 | .274 | -.616 |
| 300 | 541 | -.491 | .172 | .153 | -1.118 | 300 | 916 | -.243 | .151 | .221 | -.945 | 310 | 144 | -.191 | .137 | .346 | -.768 |
| 300 | 542 | -.480 | .152 | .020 | -.980 | 300 | 917 | -.130 | .179 | .904 | -.403 | 310 | 145 | -.205 | .140 | .394 | -.844 |
| 300 | 543 | -.398 | .153 | .042 | -.947 | 300 | 919 | -.247 | .130 | .200 | -.711 | 310 | 146 | -.232 | .166 | .349 | -.974 |
| 300 | 544 | -.278 | .143 | .223 | -.814 | 300 | 920 | -.183 | .143 | .210 | -.847 | 310 | 147 | -.256 | .160 | .310 | -.914 |
| 300 | 545 | -.258 | .141 | .153 | -.812 | 300 | 921 | -.013 | .145 | .495 | -.526 | 310 | 149 | -.310 | .143 | .135 | -.987 |
| 300 | 546 | .091 | .301 | .857 | -1.178 | 300 | 922 | -.081 | .148 | .442 | -.568 | 310 | 150 | -.307 | .132 | .099 | -.892 |
| 300 | 547 | .092 | .240 | .865 | -.879 | 300 | 923 | -.307 | .171 | .285 | -.815 | 310 | 151 | -.289 | .145 | .234 | -.799 |
| 300 | 548 | .013 | .141 | .532 | -.606 | 300 | 924 | -.310 | .141 | .207 | -.763 | 310 | 152 | -.273 | .134 | .121 | -.730 |
| 300 | 549 | -.182 | .144 | .343 | -.601 | 300 | 925 | .076 | .136 | .575 | -.327 | 310 | 153 | -.279 | .124 | .178 | -.717 |
| 300 | 550 | -.335 | .151 | .103 | -.866 | 300 | 926 | -.201 | .135 | .234 | -.655 | 310 | 154 | -.156 | .125 | .234 | -.569 |
| 300 | 551 | -.365 | .156 | .087 | -1.013 | 300 | 927 | -.188 | .134 | .344 | -.602 | 310 | 155 | -.022 | .126 | .383 | -.381 |
| 300 | 552 | -.299 | .148 | .097 | -.779 | 300 | 928 | -.247 | .120 | .189 | -.619 | 310 | 156 | .159 | .150 | .685 | -.246 |
| 300 | 553 | .230 | .142 | .229 | -.814 | 300 | 929 | -.246 | .122 | .169 | -.683 | 310 | 157 | .312 | .162 | .858 | -.213 |
| 300 | 554 | .236 | .145 | .223 | -.863 | 300 | 930 | -.020 | .116 | .421 | -.383 | 310 | 158 | .372 | .220 | 1.257 | -.468 |
| 300 | 555 | .067 | .245 | .754 | -.750 | 300 | 931 | -.181 | .129 | .266 | -.665 | 310 | 159 | -.281 | .251 | .978 | -.597 |
| 300 | 556 | .098 | .204 | .691 | -.994 | 300 | 932 | -.039 | .117 | .300 | -.401 | 310 | 160 | -.182 | .142 | .258 | -.818 |
| 300 | 557 | .035 | .140 | .570 | -.422 | 300 | 933 | -.037 | .128 | .346 | -.675 | 310 | 161 | -.181 | .132 | .267 | -.681 |
| 300 | 558 | .101 | .122 | .431 | -.466 | 300 | 934 | -.139 | .133 | .392 | -.612 | 310 | 162 | -.163 | .134 | .246 | -.640 |
| 300 | 559 | .224 | .133 | .217 | -.712 | 300 | 935 | -.008 | .114 | .354 | -.373 | 310 | 163 | -.175 | .145 | .286 | -.784 |
| 300 | 560 | .254 | .138 | .202 | -.696 | 300 | 936 | -.026 | .131 | .444 | -.403 | 310 | 164 | -.199 | .143 | .267 | -.746 |
| 300 | 570 | .226 | .138 | .180 | -.660 | 300 | 937 | -.158 | .138 | .233 | -.675 | 310 | 165 | -.215 | .151 | .311 | -.878 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 310 | 166 | -.282 | .165 | .279 | -.953 | 310 | 217 | .114 | .155 | .756 | -.388 | 310 | 287 | -.105 | .119 | .394 | -.504 |
| 310 | 167 | -.307 | .144 | .409 | -.674 | 310 | 218 | .137 | .196 | .776 | -.564 | 310 | 288 | -.062 | .114 | .414 | -.542 |
| 310 | 168 | -.384 | .165 | .339 | -1.118 | 310 | 219 | .115 | .208 | .891 | -.572 | 310 | 289 | -.056 | .106 | .310 | -.542 |
| 310 | 169 | -.391 | .145 | .065 | -1.071 | 310 | 220 | -.322 | .175 | .135 | -1.409 | 310 | 290 | -.073 | .112 | .298 | -.504 |
| 310 | 170 | -.406 | .158 | .046 | -1.001 | 310 | 221 | -.247 | .150 | .175 | -.901 | 310 | 291 | -.093 | .113 | .282 | -.573 |
| 310 | 171 | -.392 | .142 | .038 | -.919 | 310 | 222 | -.205 | .130 | .214 | -.824 | 310 | 292 | -.135 | .107 | .226 | -.561 |
| 310 | 172 | -.370 | .142 | .110 | -.900 | 310 | 223 | -.200 | .138 | .178 | -.767 | 310 | 293 | -.294 | .154 | .161 | -1.163 |
| 310 | 173 | -.344 | .128 | .022 | -.864 | 310 | 224 | -.230 | .145 | .209 | -1.028 | 310 | 294 | -.193 | .115 | .256 | -.610 |
| 310 | 174 | -.260 | .136 | .182 | -.744 | 310 | 225 | -.218 | .145 | .214 | -.939 | 310 | 295 | -.179 | .105 | .217 | -.529 |
| 310 | 175 | -.081 | .134 | .369 | -.547 | 310 | 226 | -.220 | .143 | .331 | -.814 | 310 | 296 | -.102 | .123 | .418 | -.496 |
| 310 | 176 | -.178 | .151 | .667 | -.264 | 310 | 227 | -.219 | .151 | .212 | -.941 | 310 | 297 | .021 | .165 | .636 | -.526 |
| 310 | 177 | -.330 | .175 | .983 | -.190 | 310 | 228 | -.235 | .193 | .689 | -1.172 | 310 | 298 | .031 | .139 | .549 | -.362 |
| 310 | 178 | .411 | .197 | 1.103 | -.329 | 310 | 229 | -.260 | .161 | .412 | -1.028 | 310 | 299 | .035 | .130 | .564 | -.433 |
| 310 | 179 | .383 | .225 | 1.043 | -.521 | 310 | 230 | -.291 | .154 | .167 | -.938 | 310 | 401 | -.179 | .130 | .218 | -.664 |
| 310 | 180 | -.183 | .142 | .297 | -.907 | 310 | 231 | -.284 | .158 | .159 | -1.120 | 310 | 463 | .108 | .145 | .585 | -.368 |
| 310 | 181 | -.183 | .135 | .206 | -.669 | 310 | 232 | -.291 | .156 | .114 | -1.246 | 310 | 501 | -.221 | .379 | .794 | -2.103 |
| 310 | 182 | -.168 | .131 | .228 | -.777 | 310 | 233 | -.268 | .146 | .124 | -1.085 | 310 | 502 | -.100 | .269 | .660 | -1.613 |
| 310 | 183 | -.184 | .131 | .281 | -.808 | 310 | 234 | -.214 | .133 | .262 | -.753 | 310 | 503 | -.191 | .140 | .307 | -.651 |
| 310 | 184 | -.197 | .161 | .382 | -.827 | 310 | 235 | -.054 | .117 | .342 | -.420 | 310 | 504 | -.286 | .117 | .188 | -.764 |
| 310 | 185 | -.210 | .147 | .218 | -.700 | 310 | 236 | -.106 | .125 | .518 | -.359 | 310 | 505 | -.357 | .121 | .040 | -.915 |
| 310 | 186 | -.239 | .164 | .415 | -.924 | 310 | 237 | -.223 | .143 | .714 | -.158 | 310 | 506 | -.491 | .229 | .120 | -1.629 |
| 310 | 187 | -.250 | .165 | .329 | -.952 | 310 | 238 | -.185 | .195 | .893 | -.568 | 310 | 507 | -.473 | .212 | .047 | -1.381 |
| 310 | 188 | -.285 | .171 | .545 | -1.072 | 310 | 239 | -.137 | .182 | .823 | -.493 | 310 | 508 | -.284 | .154 | .140 | -.833 |
| 310 | 189 | -.282 | .162 | .461 | -.899 | 310 | 260 | -.152 | .129 | .209 | -.772 | 310 | 510 | -.306 | .402 | .794 | -1.349 |
| 310 | 190 | -.280 | .161 | .165 | -.979 | 310 | 261 | -.163 | .135 | .206 | -.778 | 310 | 511 | -.191 | .428 | .729 | -2.007 |
| 310 | 191 | -.264 | .152 | .144 | -.921 | 310 | 262 | -.148 | .122 | .235 | -.575 | 310 | 512 | -.146 | .153 | .380 | -1.006 |
| 310 | 192 | -.269 | .135 | .158 | -.887 | 310 | 263 | -.186 | .132 | .244 | -.895 | 310 | 513 | -.375 | .134 | .091 | -.837 |
| 310 | 193 | -.261 | .152 | .154 | -1.512 | 310 | 264 | -.192 | .147 | .217 | -.963 | 310 | 514 | -.484 | .149 | -.085 | -.945 |
| 310 | 194 | -.211 | .133 | .237 | -.694 | 310 | 265 | -.221 | .155 | .200 | -.909 | 310 | 515 | -.487 | .156 | -.044 | -.938 |
| 310 | 195 | -.057 | .126 | .420 | -.506 | 310 | 266 | -.191 | .138 | .239 | -.757 | 310 | 516 | -.371 | .145 | .123 | -.866 |
| 310 | 196 | -.150 | .139 | .660 | -.262 | 310 | 267 | -.188 | .153 | .394 | -.935 | 310 | 517 | -.248 | .134 | .151 | -.717 |
| 310 | 197 | -.318 | .167 | 1.036 | -.187 | 310 | 268 | -.158 | .195 | .624 | -.903 | 310 | 518 | -.227 | .142 | .207 | -.791 |
| 310 | 198 | -.343 | .188 | .917 | -.357 | 310 | 269 | -.209 | .178 | .684 | -.927 | 310 | 519 | -.400 | .422 | .822 | -1.710 |
| 310 | 199 | -.337 | .224 | 1.116 | -.370 | 310 | 270 | -.275 | .188 | .246 | -1.577 | 310 | 520 | -.356 | .448 | .721 | -1.747 |
| 310 | 200 | -.200 | .149 | .278 | -.763 | 310 | 271 | -.282 | .195 | .222 | -1.409 | 310 | 521 | -.208 | .174 | .387 | -1.106 |
| 310 | 202 | -.176 | .133 | .280 | -.852 | 310 | 272 | -.316 | .187 | .203 | -1.219 | 310 | 522 | -.456 | .164 | .000 | -1.057 |
| 310 | 203 | -.189 | .157 | .276 | -1.101 | 310 | 273 | -.317 | .187 | .206 | -1.210 | 310 | 523 | -.571 | .172 | .146 | -1.227 |
| 310 | 204 | -.212 | .168 | .307 | -.842 | 310 | 274 | -.169 | .135 | .499 | -.639 | 310 | 524 | -.499 | .173 | .048 | -1.103 |
| 310 | 205 | -.213 | .166 | .334 | -.895 | 310 | 275 | -.063 | .116 | .307 | -.471 | 310 | 525 | -.389 | .183 | .148 | -1.085 |
| 310 | 206 | -.228 | .167 | .410 | -1.005 | 310 | 276 | .067 | .120 | .507 | -.337 | 310 | 526 | -.310 | .159 | .155 | -.930 |
| 310 | 207 | -.252 | .171 | .334 | -1.075 | 310 | 277 | .135 | .130 | .660 | -.278 | 310 | 527 | -.331 | .143 | .078 | -1.030 |
| 310 | 208 | -.281 | .178 | .533 | -1.056 | 310 | 278 | .116 | .175 | .731 | -.538 | 310 | 528 | -.612 | .432 | .725 | -2.233 |
| 310 | 209 | -.281 | .168 | .506 | -1.183 | 310 | 279 | .017 | .168 | .572 | -.560 | 310 | 529 | -.458 | .438 | .458 | -1.980 |
| 310 | 210 | -.292 | .170 | .220 | -1.236 | 310 | 280 | -.062 | .105 | .272 | -.421 | 310 | 530 | -.418 | .191 | .118 | -1.701 |
| 310 | 211 | -.271 | .152 | .261 | -.924 | 310 | 281 | -.081 | .107 | .271 | -.532 | 310 | 531 | -.600 | .163 | -.035 | -1.099 |
| 310 | 212 | -.296 | .149 | .213 | -.993 | 310 | 282 | -.106 | .110 | .266 | -.511 | 310 | 532 | -.702 | .186 | .223 | -1.312 |
| 310 | 213 | -.304 | .148 | .151 | -1.175 | 310 | 283 | -.167 | .120 | .220 | -.647 | 310 | 533 | -.618 | .192 | .005 | -1.138 |
| 310 | 214 | -.244 | .124 | .170 | -.682 | 310 | 284 | -.141 | .100 | .134 | -.554 | 310 | 534 | -.365 | .171 | .143 | -.916 |
| 310 | 215 | -.151 | .117 | .273 | -.545 | 310 | 285 | -.120 | .115 | .231 | -.569 | 310 | 535 | -.266 | .153 | .178 | -.930 |
| 310 | 216 | .011 | .145 | .523 | -.437 | 310 | 286 | -.108 | .113 | .242 | -.593 | 310 | 536 | -.204 | .141 | .166 | -.914 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 310 | 537 | .377 | .348 | .622 | -1.565 | 310 | 912 | .382 | .184 | .189 | -1.056 | 320 | 140 | .163 | .137 | .290 | -.705 |
| 310 | 538 | .352 | .400 | .690 | -1.754 | 310 | 913 | .123 | .122 | .320 | -.591 | 320 | 141 | .146 | .141 | .250 | -.612 |
| 310 | 539 | .186 | .181 | .403 | -1.220 | 310 | 914 | .112 | .138 | .337 | -.559 | 320 | 142 | .157 | .138 | .312 | -.642 |
| 310 | 540 | .334 | .149 | .088 | -.852 | 310 | 915 | .219 | .150 | .310 | -.752 | 320 | 143 | .176 | .132 | .233 | -.637 |
| 310 | 541 | .487 | .174 | .014 | -1.038 | 310 | 916 | .376 | .171 | .237 | -1.124 | 320 | 144 | .184 | .144 | .253 | -.708 |
| 310 | 542 | .417 | .171 | .143 | -.987 | 310 | 917 | .170 | .159 | .778 | -.286 | 320 | 145 | .190 | .149 | .326 | -.733 |
| 310 | 543 | .317 | .173 | .154 | -1.082 | 310 | 919 | .344 | .152 | .086 | -1.008 | 320 | 146 | .207 | .169 | .283 | -1.111 |
| 310 | 544 | .218 | .142 | .238 | -.792 | 310 | 920 | .163 | .135 | .228 | -.642 | 320 | 147 | .235 | .194 | .421 | -.895 |
| 310 | 545 | .208 | .130 | .208 | -.691 | 310 | 921 | .061 | .134 | .414 | -.555 | 320 | 149 | .343 | .169 | .174 | -1.055 |
| 310 | 546 | .259 | .317 | .674 | -1.599 | 310 | 922 | .129 | .148 | .431 | -.648 | 320 | 150 | .351 | .160 | .225 | -1.296 |
| 310 | 547 | .181 | .326 | .664 | -1.309 | 310 | 923 | .407 | .162 | .262 | -1.035 | 320 | 151 | .341 | .159 | .154 | -1.067 |
| 310 | 548 | .158 | .160 | .333 | -.990 | 310 | 924 | .393 | .150 | .163 | -1.027 | 320 | 152 | .353 | .160 | .058 | -1.158 |
| 310 | 549 | .280 | .142 | .183 | -.806 | 310 | 925 | .166 | .164 | .796 | -.334 | 320 | 153 | .337 | .152 | .117 | -1.018 |
| 310 | 550 | .322 | .158 | .130 | -1.057 | 310 | 926 | .179 | .126 | .211 | -.733 | 320 | 154 | .140 | .141 | .344 | -.666 |
| 310 | 551 | .306 | .154 | .160 | -1.042 | 310 | 927 | .255 | .162 | .494 | -.822 | 320 | 155 | .009 | .137 | .576 | -.506 |
| 310 | 552 | .202 | .132 | .278 | -.725 | 310 | 928 | .303 | .138 | .121 | -.794 | 320 | 156 | .207 | .159 | .805 | -.272 |
| 310 | 553 | .167 | .128 | .187 | -.768 | 310 | 929 | .315 | .124 | .109 | -.757 | 320 | 157 | .366 | .176 | .095 | -.201 |
| 310 | 554 | .175 | .132 | .216 | -.684 | 310 | 930 | .055 | .127 | .460 | -.359 | 320 | 158 | .422 | .196 | .157 | -.228 |
| 310 | 554 | .124 | .273 | .752 | -.897 | 310 | 931 | .174 | .131 | .284 | -.653 | 320 | 159 | .405 | .242 | .315 | -.584 |
| 310 | 565 | .097 | .251 | .580 | -1.141 | 310 | 932 | .010 | .126 | .477 | -.465 | 320 | 160 | .169 | .135 | .304 | -.683 |
| 310 | 566 | .067 | .139 | .444 | -.667 | 310 | 933 | .020 | .122 | .426 | -.410 | 320 | 161 | .153 | .136 | .270 | -.744 |
| 310 | 567 | .168 | .126 | .194 | -.649 | 310 | 934 | .087 | .133 | .337 | -.615 | 320 | 162 | .170 | .134 | .282 | -.661 |
| 310 | 568 | .235 | .125 | .143 | -.781 | 310 | 935 | .034 | .116 | .440 | -.388 | 320 | 163 | .171 | .144 | .283 | -.949 |
| 310 | 569 | .119 | .094 | .094 | -.592 | 310 | 936 | .065 | .136 | .494 | -.421 | 320 | 164 | .191 | .135 | .299 | -.816 |
| 310 | 570 | .153 | .116 | .172 | -.610 | 310 | 937 | .131 | .133 | .329 | -.685 | 320 | 165 | .196 | .147 | .229 | -.920 |
| 310 | 571 | .130 | .115 | .225 | -.764 | 310 | 938 | .032 | .120 | .358 | -.513 | 320 | 166 | .230 | .170 | .250 | -1.015 |
| 310 | 572 | .124 | .117 | .233 | -.573 | 310 | 939 | .029 | .136 | .482 | -.356 | 320 | 167 | .287 | .178 | .514 | -1.040 |
| 310 | 573 | .052 | .107 | .282 | -.523 | 310 | 940 | .062 | .114 | .279 | -.443 | 320 | 168 | .338 | .226 | .703 | -1.181 |
| 310 | 574 | .145 | .105 | .216 | -.494 | 310 | 941 | .091 | .118 | .318 | -.501 | 320 | 169 | .424 | .184 | .201 | -1.099 |
| 310 | 575 | .138 | .111 | .240 | -.708 | 310 | 942 | .008 | .124 | .597 | -.349 | 320 | 170 | .489 | .181 | .036 | -1.353 |
| 310 | 576 | .009 | .198 | .517 | -1.114 | 310 | 943 | .112 | .112 | .214 | -.549 | 320 | 171 | .436 | .158 | .034 | -1.034 |
| 310 | 577 | .015 | .174 | .500 | -.779 | 310 | 944 | .117 | .105 | .226 | -.485 | 320 | 172 | .428 | .162 | .101 | -1.157 |
| 310 | 578 | .008 | .114 | .357 | -.340 | 310 | 945 | .128 | .110 | .228 | -.561 | 320 | 173 | .391 | .157 | .160 | -1.063 |
| 310 | 579 | .041 | .099 | .289 | -.353 | 310 | 946 | .141 | .115 | .269 | -.525 | 320 | 174 | .242 | .135 | .319 | -.728 |
| 310 | 580 | .076 | .098 | .251 | -.388 | 310 | 947 | .154 | .119 | .270 | -.561 | 320 | 175 | .055 | .137 | .480 | -.590 |
| 310 | 581 | .159 | .108 | .221 | -.491 | 310 | 948 | .156 | .122 | .301 | -.638 | 320 | 176 | .215 | .164 | .792 | -.275 |
| 310 | 582 | .181 | .102 | .175 | -.329 | 310 | 949 | .078 | .103 | .246 | -.434 | 320 | 177 | .328 | .184 | .915 | -.187 |
| 310 | 584 | .292 | .104 | .004 | -.665 | 310 | 950 | .026 | .125 | .412 | -.451 | 320 | 178 | .390 | .197 | .096 | -.219 |
| 310 | 585 | .292 | .095 | .051 | -.665 | 310 | 951 | .080 | .131 | .392 | -.655 | 320 | 179 | .423 | .203 | .117 | -.360 |
| 310 | 901 | .161 | .126 | .218 | -.769 | 310 | 952 | .075 | .128 | .371 | -.477 | 320 | 180 | .162 | .134 | .317 | -.647 |
| 310 | 902 | .206 | .120 | .194 | -.607 | 310 | 953 | .020 | .113 | .339 | -.413 | 320 | 181 | .170 | .141 | .266 | -.844 |
| 310 | 903 | .267 | .119 | .121 | -.687 | 310 | 954 | .008 | .117 | .366 | -.400 | 320 | 182 | .158 | .129 | .270 | -.615 |
| 310 | 904 | .434 | .174 | .160 | -1.305 | 310 | 955 | .065 | .115 | .452 | -.439 | 320 | 183 | .171 | .132 | .263 | -.841 |
| 310 | 905 | .628 | .217 | .064 | -1.593 | 310 | 956 | .091 | .120 | .315 | -.617 | 320 | 184 | .188 | .149 | .249 | -.866 |
| 310 | 906 | .109 | .143 | .395 | -.590 | 310 | 957 | .043 | .105 | .275 | -.395 | 320 | 185 | .192 | .156 | .280 | -.903 |
| 310 | 907 | .134 | .118 | .264 | -.513 | 310 | 958 | .004 | .114 | .347 | -.458 | 320 | 186 | .197 | .166 | .324 | -.895 |
| 310 | 908 | .200 | .156 | .298 | -.834 | 310 | 959 | .110 | .130 | .562 | -.251 | 320 | 187 | .217 | .178 | .372 | -1.060 |
| 310 | 909 | .544 | .174 | .030 | -1.353 | 310 | 960 | .072 | .137 | .479 | -.353 | 320 | 188 | .208 | .233 | .517 | -1.328 |
| 310 | 910 | .169 | .130 | .249 | -.671 | 310 | 961 | .036 | .110 | .363 | -.365 | 320 | 189 | .270 | .209 | .640 | -.970 |
| 310 | 911 | .143 | .121 | .255 | -.549 | 310 | 962 | .044 | .132 | .584 | -.458 | 320 | 190 | .326 | .172 | .140 | -.996 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 320 | 191 | 307 | 167 | 192 | 986 | 320 | 262 | 139 | 113 | 217 | 533 | 320 | 512 | 314 | 210 | 161 | 888 |
| 320 | 192 | 308 | 155 | 116 | 125 | 320 | 263 | 171 | 130 | 198 | 154 | 320 | 513 | 447 | 153 | 015 | 982 |
| 320 | 193 | 311 | 165 | 153 | 954 | 320 | 264 | 175 | 125 | 267 | 744 | 320 | 514 | 445 | 171 | 058 | 1080 |
| 320 | 194 | 230 | 158 | 334 | 770 | 320 | 265 | 183 | 132 | 249 | 876 | 320 | 515 | 377 | 170 | 110 | 969 |
| 320 | 195 | 036 | 139 | 482 | 497 | 320 | 266 | 176 | 131 | 350 | 837 | 320 | 516 | 242 | 150 | 243 | 820 |
| 320 | 196 | 165 | 139 | 689 | 241 | 320 | 267 | 189 | 145 | 309 | 760 | 320 | 517 | 192 | 138 | 245 | 879 |
| 320 | 197 | 316 | 172 | 851 | 211 | 320 | 268 | 077 | 195 | 566 | 066 | 320 | 518 | 188 | 135 | 296 | 879 |
| 320 | 198 | 383 | 187 | 087 | 355 | 320 | 269 | 087 | 186 | 582 | 837 | 320 | 519 | 768 | 354 | 455 | 577 |
| 320 | 199 | 347 | 199 | 013 | 310 | 320 | 270 | 205 | 192 | 342 | 717 | 320 | 520 | 752 | 376 | 352 | 405 |
| 320 | 200 | 166 | 156 | 280 | 289 | 320 | 271 | 192 | 181 | 320 | 041 | 320 | 521 | 403 | 243 | 148 | 673 |
| 320 | 202 | 151 | 122 | 202 | 633 | 320 | 272 | 240 | 177 | 321 | 425 | 320 | 522 | 497 | 165 | 029 | 1037 |
| 320 | 203 | 187 | 153 | 283 | 139 | 320 | 273 | 260 | 167 | 302 | 260 | 320 | 523 | 523 | 176 | 009 | 1188 |
| 320 | 204 | 181 | 163 | 297 | 021 | 320 | 274 | 108 | 150 | 419 | 570 | 320 | 524 | 344 | 204 | 087 | 1054 |
| 320 | 205 | 184 | 166 | 300 | 975 | 320 | 275 | 012 | 126 | 448 | 484 | 320 | 525 | 206 | 140 | 193 | 825 |
| 320 | 206 | 191 | 168 | 347 | 078 | 320 | 276 | 114 | 129 | 739 | 266 | 320 | 526 | 204 | 127 | 174 | 746 |
| 320 | 207 | 196 | 168 | 340 | 984 | 320 | 277 | 181 | 134 | 717 | 280 | 320 | 527 | 234 | 115 | 143 | 648 |
| 320 | 208 | 159 | 225 | 575 | 974 | 320 | 278 | 166 | 150 | 845 | 396 | 320 | 528 | 841 | 324 | 471 | 312 |
| 320 | 209 | 248 | 202 | 507 | 095 | 320 | 279 | 113 | 143 | 645 | 420 | 320 | 529 | 882 | 403 | 192 | 479 |
| 320 | 210 | 303 | 174 | 293 | 629 | 320 | 280 | 054 | 105 | 307 | 524 | 320 | 530 | 602 | 235 | 033 | 950 |
| 320 | 211 | 288 | 162 | 251 | 959 | 320 | 281 | 071 | 107 | 290 | 454 | 320 | 531 | 616 | 166 | 181 | 192 |
| 320 | 212 | 313 | 160 | 258 | 124 | 320 | 282 | 116 | 115 | 278 | 584 | 320 | 532 | 543 | 193 | 002 | 211 |
| 320 | 213 | 334 | 171 | 169 | 070 | 320 | 283 | 140 | 110 | 221 | 608 | 320 | 533 | 381 | 174 | 104 | 039 |
| 320 | 214 | 240 | 149 | 293 | 804 | 320 | 284 | 138 | 106 | 222 | 520 | 320 | 534 | 251 | 148 | 104 | 036 |
| 320 | 215 | 115 | 139 | 497 | 612 | 320 | 285 | 098 | 116 | 267 | 481 | 320 | 535 | 176 | 118 | 207 | 645 |
| 320 | 216 | 031 | 138 | 561 | 300 | 320 | 286 | 076 | 108 | 219 | 502 | 320 | 536 | 160 | 124 | 300 | 677 |
| 320 | 217 | 123 | 158 | 746 | 337 | 320 | 287 | 069 | 115 | 290 | 476 | 320 | 537 | 664 | 304 | 497 | 360 |
| 320 | 218 | 113 | 174 | 750 | 368 | 320 | 288 | 040 | 122 | 300 | 569 | 320 | 538 | 546 | 353 | 409 | 973 |
| 320 | 219 | 113 | 156 | 750 | 584 | 320 | 289 | 038 | 113 | 338 | 420 | 320 | 539 | 331 | 213 | 209 | 707 |
| 320 | 220 | 263 | 141 | 139 | 361 | 320 | 290 | 050 | 121 | 416 | 516 | 320 | 540 | 366 | 163 | 114 | 083 |
| 320 | 221 | 238 | 135 | 179 | 797 | 320 | 291 | 063 | 116 | 339 | 451 | 320 | 541 | 378 | 168 | 056 | 980 |
| 320 | 222 | 187 | 123 | 184 | 740 | 320 | 292 | 127 | 121 | 259 | 576 | 320 | 542 | 258 | 174 | 202 | 927 |
| 320 | 223 | 191 | 142 | 329 | 917 | 320 | 293 | 231 | 148 | 225 | 042 | 320 | 543 | 168 | 130 | 226 | 054 |
| 320 | 224 | 201 | 143 | 168 | 831 | 320 | 294 | 157 | 122 | 381 | 528 | 320 | 544 | 137 | 114 | 273 | 629 |
| 320 | 225 | 194 | 151 | 241 | 924 | 320 | 295 | 149 | 113 | 254 | 576 | 320 | 545 | 144 | 113 | 247 | 573 |
| 320 | 226 | 174 | 131 | 254 | 767 | 320 | 296 | 060 | 137 | 552 | 333 | 320 | 546 | 527 | 277 | 279 | 833 |
| 320 | 227 | 182 | 152 | 328 | 904 | 320 | 297 | 037 | 137 | 600 | 362 | 320 | 547 | 472 | 318 | 363 | 143 |
| 320 | 228 | 127 | 214 | 707 | 466 | 320 | 298 | 016 | 115 | 472 | 367 | 320 | 548 | 268 | 179 | 143 | 250 |
| 320 | 229 | 180 | 185 | 683 | 039 | 320 | 299 | 028 | 121 | 461 | 300 | 320 | 549 | 313 | 137 | 164 | 823 |
| 320 | 230 | 253 | 177 | 225 | 097 | 320 | 401 | 157 | 123 | 227 | 618 | 320 | 550 | 282 | 154 | 152 | 823 |
| 320 | 231 | 242 | 171 | 209 | 098 | 320 | 463 | 103 | 149 | 760 | 326 | 320 | 551 | 201 | 117 | 152 | 674 |
| 320 | 232 | 203 | 166 | 195 | 074 | 320 | 501 | 755 | 479 | 495 | 3131 | 320 | 552 | 137 | 109 | 286 | 733 |
| 320 | 233 | 299 | 166 | 277 | 948 | 320 | 502 | 383 | 339 | 219 | 779 | 320 | 553 | 129 | 111 | 292 | 642 |
| 320 | 234 | 185 | 138 | 251 | 802 | 320 | 503 | 319 | 139 | 142 | 936 | 320 | 554 | 126 | 111 | 292 | 622 |
| 320 | 235 | 006 | 131 | 505 | 327 | 320 | 504 | 337 | 137 | 065 | 817 | 320 | 555 | 383 | 233 | 611 | 798 |
| 320 | 236 | 150 | 135 | 721 | 224 | 320 | 505 | 402 | 172 | 135 | 191 | 320 | 556 | 300 | 239 | 448 | 352 |
| 320 | 237 | 220 | 151 | 902 | 232 | 320 | 506 | 496 | 266 | 074 | 650 | 320 | 557 | 199 | 171 | 297 | 091 |
| 320 | 238 | 235 | 158 | 803 | 290 | 320 | 507 | 361 | 212 | 213 | 409 | 320 | 558 | 210 | 125 | 183 | 988 |
| 320 | 239 | 193 | 174 | 928 | 410 | 320 | 508 | 245 | 151 | 246 | 868 | 320 | 559 | 216 | 124 | 154 | 695 |
| 320 | 260 | 129 | 118 | 236 | 676 | 320 | 510 | 736 | 360 | 636 | 105 | 320 | 560 | 163 | 125 | 202 | 696 |
| 320 | 261 | 126 | 124 | 357 | 706 | 320 | 511 | 645 | 439 | 516 | 979 | 320 | 570 | 123 | 111 | 290 | 510 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 320 | 571 | -104 | 106 | 226 | -533 | 320 | 938 | -010 | 115 | 386 | -477 | 330 | 166 | -271 | 160 | 215 | -938 |
| 320 | 572 | -106 | 104 | 274 | -472 | 320 | 939 | -041 | 132 | 676 | -381 | 330 | 167 | -266 | 181 | 329 | -1066 |
| 320 | 573 | -092 | 109 | 308 | -481 | 320 | 940 | -030 | 122 | 384 | -447 | 330 | 168 | -260 | 324 | 1200 | -1235 |
| 320 | 574 | -160 | 117 | 234 | -664 | 320 | 941 | -116 | 132 | 337 | -672 | 330 | 169 | -498 | 252 | 503 | -1427 |
| 320 | 575 | -126 | 102 | 176 | -553 | 320 | 942 | -019 | 131 | 540 | -413 | 330 | 170 | -635 | 227 | 081 | -1605 |
| 320 | 576 | -171 | 215 | 577 | -213 | 320 | 943 | -087 | 125 | 350 | -556 | 330 | 171 | -531 | 191 | 118 | -1288 |
| 320 | 577 | -100 | 178 | 553 | -921 | 320 | 944 | -097 | 111 | 300 | -479 | 330 | 172 | -509 | 190 | 033 | -1757 |
| 320 | 578 | -060 | 142 | 377 | -001 | 320 | 945 | -137 | 110 | 245 | -466 | 330 | 173 | -469 | 175 | 176 | -1311 |
| 320 | 579 | -087 | 111 | 261 | -478 | 320 | 946 | -126 | 122 | 323 | -603 | 330 | 174 | -236 | 164 | 315 | -1122 |
| 320 | 580 | -104 | 095 | 226 | -443 | 320 | 947 | -156 | 110 | 243 | -557 | 330 | 175 | 026 | 158 | 652 | -523 |
| 320 | 581 | -160 | 102 | 170 | -534 | 320 | 948 | -169 | 121 | 198 | -567 | 330 | 176 | -350 | 193 | 073 | -245 |
| 320 | 582 | -185 | 102 | 175 | -579 | 320 | 949 | -070 | 110 | 275 | -476 | 330 | 177 | 491 | 199 | 062 | -092 |
| 320 | 584 | -285 | 099 | 024 | -600 | 320 | 950 | -015 | 114 | 405 | -412 | 330 | 178 | -505 | 226 | 333 | -120 |
| 320 | 585 | -290 | 104 | 043 | -701 | 320 | 951 | -044 | 123 | 416 | -415 | 330 | 179 | -470 | 220 | 177 | -085 |
| 320 | 901 | -165 | 126 | 342 | -712 | 320 | 952 | -040 | 124 | 411 | -498 | 330 | 180 | -197 | 156 | 234 | -997 |
| 320 | 902 | -197 | 124 | 233 | -631 | 320 | 953 | -004 | 118 | 388 | -398 | 330 | 181 | -212 | 152 | 264 | -1022 |
| 320 | 903 | -207 | 120 | 238 | -596 | 320 | 954 | -010 | 111 | 401 | -361 | 330 | 182 | -196 | 142 | 262 | -730 |
| 320 | 904 | -312 | 155 | 135 | -913 | 320 | 955 | -054 | 106 | 314 | -467 | 330 | 183 | -214 | 157 | 265 | -1024 |
| 320 | 905 | -592 | 209 | 146 | -1343 | 320 | 956 | -074 | 110 | 344 | -442 | 330 | 184 | -222 | 150 | 334 | -913 |
| 320 | 906 | -112 | 143 | 464 | -672 | 320 | 957 | -030 | 108 | 383 | -380 | 330 | 185 | -202 | 134 | 274 | -968 |
| 320 | 907 | -115 | 122 | 333 | -509 | 320 | 958 | -000 | 113 | 381 | -358 | 330 | 186 | -208 | 148 | 297 | -895 |
| 320 | 908 | -242 | 161 | 233 | -957 | 320 | 959 | -119 | 127 | 699 | -242 | 330 | 187 | -206 | 161 | 378 | -866 |
| 320 | 909 | -374 | 186 | -019 | -1239 | 320 | 960 | -101 | 126 | 511 | -387 | 330 | 188 | -090 | 234 | 703 | -1089 |
| 320 | 910 | -205 | 137 | 295 | -707 | 320 | 961 | -059 | 121 | 570 | -350 | 330 | 189 | -249 | 246 | 821 | -1006 |
| 320 | 911 | -139 | 134 | 392 | -648 | 320 | 962 | -046 | 121 | 416 | -400 | 330 | 190 | -366 | 206 | 197 | -1275 |
| 320 | 912 | -469 | 182 | 073 | -1118 | 330 | 140 | -202 | 138 | 278 | -722 | 330 | 191 | -327 | 188 | 258 | -1015 |
| 320 | 913 | -101 | 112 | 273 | -491 | 330 | 141 | -196 | 135 | 392 | -693 | 330 | 192 | -358 | 181 | 195 | -1129 |
| 320 | 914 | -112 | 119 | 281 | -536 | 330 | 142 | -218 | 140 | 213 | -772 | 330 | 193 | -360 | 222 | 396 | -1251 |
| 320 | 915 | -213 | 169 | 372 | -940 | 330 | 143 | -224 | 142 | 255 | -808 | 330 | 194 | -188 | 178 | 336 | -952 |
| 320 | 916 | -405 | 184 | 176 | -1095 | 330 | 144 | -236 | 148 | 220 | -809 | 330 | 195 | -038 | 160 | 737 | -489 |
| 320 | 917 | -221 | 153 | 015 | -1224 | 330 | 145 | -249 | 158 | 457 | -917 | 330 | 196 | -289 | 183 | 951 | -326 |
| 320 | 919 | -390 | 169 | 119 | -1031 | 330 | 146 | -225 | 177 | 440 | -885 | 330 | 197 | -410 | 209 | 150 | -038 |
| 320 | 920 | -158 | 112 | 166 | -714 | 330 | 147 | -157 | 202 | 507 | -926 | 330 | 198 | -394 | 211 | 148 | -229 |
| 320 | 921 | -094 | 150 | 490 | -707 | 330 | 149 | -379 | 223 | 579 | -1058 | 330 | 199 | -443 | 212 | 222 | -173 |
| 320 | 922 | -134 | 164 | 711 | -917 | 330 | 150 | -494 | 210 | 060 | -1383 | 330 | 200 | -212 | 159 | 206 | -908 |
| 320 | 923 | -444 | 173 | 214 | -1081 | 330 | 151 | -404 | 165 | 065 | -1096 | 330 | 202 | -201 | 142 | 280 | -698 |
| 320 | 924 | -455 | 168 | 099 | -1155 | 330 | 152 | -388 | 179 | 248 | -1160 | 330 | 203 | -232 | 157 | 306 | -927 |
| 320 | 925 | -176 | 139 | 738 | -289 | 330 | 153 | -453 | 176 | 093 | -1330 | 330 | 204 | -233 | 156 | 260 | -811 |
| 320 | 926 | -162 | 125 | 221 | -692 | 330 | 154 | -104 | 171 | 503 | -669 | 330 | 205 | -239 | 159 | 220 | -253 |
| 320 | 927 | -258 | 177 | 582 | -902 | 330 | 155 | -101 | 181 | 735 | -443 | 330 | 206 | -204 | 145 | 346 | -785 |
| 320 | 928 | -380 | 167 | 035 | -1336 | 330 | 156 | -323 | 200 | 115 | -290 | 330 | 207 | -222 | 173 | 521 | -839 |
| 320 | 929 | -352 | 149 | 122 | -996 | 330 | 157 | -475 | 210 | 152 | -150 | 330 | 208 | -083 | 237 | 675 | -1084 |
| 320 | 930 | -086 | 135 | 597 | -449 | 330 | 158 | -553 | 244 | 467 | -169 | 330 | 209 | -189 | 249 | 705 | -1057 |
| 320 | 931 | -149 | 120 | 253 | -677 | 330 | 159 | -542 | 239 | 304 | -266 | 330 | 210 | -289 | 204 | 380 | -1212 |
| 320 | 932 | -013 | 120 | 417 | -343 | 330 | 160 | -236 | 166 | 317 | -939 | 330 | 211 | -297 | 191 | 290 | -1235 |
| 320 | 933 | -010 | 119 | 359 | -351 | 330 | 161 | -220 | 157 | 292 | -697 | 330 | 212 | -375 | 199 | 197 | -226 |
| 320 | 934 | -073 | 135 | 359 | -571 | 330 | 162 | -221 | 157 | 239 | -887 | 330 | 213 | -455 | 215 | 218 | -1340 |
| 320 | 935 | -055 | 124 | 500 | -405 | 330 | 163 | -224 | 159 | 292 | -1059 | 330 | 214 | -205 | 165 | 401 | -866 |
| 320 | 936 | -087 | 129 | 585 | -348 | 330 | 164 | -240 | 142 | 243 | -898 | 330 | 215 | -072 | 169 | 663 | -651 |
| 320 | 937 | -106 | 127 | 305 | -707 | 330 | 165 | -258 | 149 | 199 | -869 | 330 | 216 | -095 | 158 | 758 | -382 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 330 | 217 | .190 | .192 | .969 | -.436 | 330 | 287 | -.067 | .114 | .491 | -.875 | 330 | 537 | -.707 | .283 | .145 | -1.899 |
| 330 | 218 | .165 | .166 | .796 | -.475 | 330 | 288 | -.007 | .132 | .510 | -.566 | 330 | 538 | -.689 | .288 | .087 | -1.910 |
| 330 | 219 | .194 | .186 | .815 | -.346 | 330 | 289 | -.019 | .121 | .477 | -.458 | 330 | 539 | -.371 | .320 | .142 | -2.335 |
| 330 | 220 | .272 | .127 | .183 | -.828 | 330 | 290 | -.035 | .117 | .342 | -.463 | 330 | 540 | -.424 | .205 | .158 | -1.708 |
| 330 | 221 | .233 | .118 | .144 | -.805 | 330 | 291 | -.049 | .110 | .312 | -.391 | 330 | 541 | -.297 | .160 | .148 | -1.322 |
| 330 | 222 | .195 | .115 | .162 | -.721 | 330 | 292 | -.108 | .119 | .243 | -.543 | 330 | 542 | -.196 | .130 | .307 | -.739 |
| 330 | 223 | .196 | .120 | .254 | -.789 | 330 | 293 | -.240 | .154 | .260 | -1.070 | 330 | 543 | -.160 | .117 | .286 | -.990 |
| 330 | 224 | .190 | .121 | .178 | -.852 | 330 | 294 | -.138 | .119 | .254 | -.603 | 330 | 544 | -.149 | .110 | .241 | -.716 |
| 330 | 225 | .190 | .127 | .217 | -.702 | 330 | 295 | -.112 | .120 | .379 | -.481 | 330 | 545 | -.144 | .111 | .191 | -.613 |
| 330 | 226 | .178 | .113 | .170 | -.661 | 330 | 296 | .020 | .155 | .586 | -.449 | 330 | 546 | -.638 | .291 | .291 | -2.164 |
| 330 | 227 | .196 | .139 | .228 | -.824 | 330 | 297 | .089 | .153 | .944 | -.380 | 330 | 547 | -.656 | .332 | .202 | -2.737 |
| 330 | 228 | .056 | .177 | .556 | -.722 | 330 | 298 | .014 | .119 | .536 | -.385 | 330 | 548 | -.429 | .230 | .147 | -1.587 |
| 330 | 229 | .114 | .175 | .498 | -.747 | 330 | 299 | -.030 | .115 | .497 | -.358 | 330 | 549 | -.325 | .176 | .159 | -1.341 |
| 330 | 230 | .212 | .152 | .304 | -.933 | 330 | 401 | -.163 | .131 | .240 | -.641 | 330 | 550 | -.276 | .150 | .114 | -1.090 |
| 330 | 231 | .213 | .166 | .269 | -.955 | 330 | 463 | .095 | .137 | .643 | -.462 | 330 | 551 | -.188 | .123 | .296 | -.772 |
| 330 | 232 | .251 | .167 | .262 | -.921 | 330 | 501 | -1.078 | .465 | .102 | -3.171 | 330 | 552 | -.156 | .115 | .186 | -.596 |
| 330 | 233 | .292 | .172 | .223 | -.941 | 330 | 502 | -.756 | .362 | .227 | -2.093 | 330 | 553 | -.145 | .113 | .217 | -.717 |
| 330 | 234 | .145 | .144 | .283 | -.780 | 330 | 503 | -.422 | .184 | .045 | -1.607 | 330 | 554 | -.128 | .108 | .200 | -.570 |
| 330 | 235 | .043 | .145 | .559 | -.405 | 330 | 504 | -.400 | .153 | .342 | -1.040 | 330 | 556 | -.498 | .224 | .329 | -1.617 |
| 330 | 236 | .205 | .159 | .956 | -.306 | 330 | 505 | -.373 | .185 | .187 | -1.319 | 330 | 565 | -.492 | .241 | .228 | -1.852 |
| 330 | 237 | .303 | .170 | .976 | -.211 | 330 | 506 | -.329 | .188 | .282 | -1.173 | 330 | 566 | -.339 | .219 | .220 | -1.485 |
| 330 | 238 | .288 | .154 | .825 | -.117 | 330 | 507 | -.223 | .147 | .207 | -.919 | 330 | 567 | -.306 | .180 | .180 | -1.699 |
| 330 | 239 | .279 | .176 | .008 | -.275 | 330 | 508 | -.175 | .132 | .263 | -.671 | 330 | 568 | -.209 | .128 | .191 | -1.071 |
| 330 | 260 | .139 | .114 | .233 | -.688 | 330 | 510 | -.936 | .320 | .124 | -2.583 | 330 | 569 | -.163 | .115 | .134 | -.670 |
| 330 | 261 | .131 | .115 | .233 | -.680 | 330 | 511 | -.900 | .369 | .205 | -3.171 | 330 | 570 | -.134 | .109 | .172 | -.506 |
| 330 | 262 | .158 | .118 | .233 | -.892 | 330 | 512 | -.634 | .338 | .086 | -1.996 | 330 | 571 | -.116 | .111 | .217 | -.479 |
| 330 | 263 | .180 | .119 | .265 | -.681 | 330 | 513 | -.439 | .174 | .108 | -1.139 | 330 | 572 | -.110 | .108 | .242 | -.507 |
| 330 | 264 | .195 | .140 | .229 | -.897 | 330 | 514 | -.339 | .160 | .226 | -.906 | 330 | 573 | -.138 | .114 | .200 | -.714 |
| 330 | 265 | .218 | .126 | .145 | -.677 | 330 | 515 | -.258 | .144 | .199 | -.757 | 330 | 574 | -.191 | .129 | .198 | -.670 |
| 330 | 266 | .178 | .121 | .245 | -.797 | 330 | 516 | -.197 | .132 | .185 | -.809 | 330 | 575 | -.144 | .110 | .189 | -.534 |
| 330 | 267 | .221 | .139 | .181 | -.780 | 330 | 517 | -.167 | .127 | .307 | -.693 | 330 | 576 | -.341 | .245 | .448 | -.749 |
| 330 | 268 | .043 | .163 | .620 | -.858 | 330 | 518 | -.173 | .119 | .204 | -.833 | 330 | 577 | -.330 | .249 | .371 | -2.083 |
| 330 | 269 | .041 | .161 | .575 | -.692 | 330 | 519 | -.794 | .295 | .108 | -2.126 | 330 | 578 | -.174 | .192 | .293 | -1.250 |
| 330 | 270 | .138 | .150 | .365 | -1.014 | 330 | 520 | -.844 | .328 | .077 | -2.189 | 330 | 579 | -.116 | .107 | .206 | -.678 |
| 330 | 271 | .160 | .160 | .272 | -1.169 | 330 | 521 | -.647 | .321 | .276 | -1.934 | 330 | 580 | -.130 | .101 | .202 | -.531 |
| 330 | 272 | .208 | .168 | .272 | -1.242 | 330 | 522 | -.471 | .224 | .190 | -1.324 | 330 | 581 | -.182 | .105 | .142 | -.557 |
| 330 | 273 | .263 | .166 | .356 | -1.108 | 330 | 523 | -.335 | .180 | .268 | -1.065 | 330 | 582 | -.207 | .105 | .150 | -.555 |
| 330 | 274 | .066 | .136 | .372 | -.364 | 330 | 524 | -.203 | .134 | .185 | -.834 | 330 | 584 | -.291 | .105 | .035 | -.675 |
| 330 | 275 | .055 | .134 | .650 | -.364 | 330 | 525 | -.181 | .121 | .185 | -1.193 | 330 | 585 | -.307 | .098 | .075 | -.647 |
| 330 | 276 | .179 | .154 | .814 | -.266 | 330 | 526 | -.209 | .120 | .180 | -.834 | 330 | 901 | -.246 | .146 | .188 | -.789 |
| 330 | 277 | .213 | .143 | .870 | -.227 | 330 | 527 | -.247 | .119 | .124 | -.721 | 330 | 902 | -.248 | .140 | .308 | -.781 |
| 330 | 278 | .212 | .145 | .795 | -.241 | 330 | 528 | -.880 | .299 | -.135 | -2.275 | 330 | 903 | -.269 | .141 | .314 | -.929 |
| 330 | 279 | .150 | .144 | .845 | -.430 | 330 | 529 | -.958 | .344 | .127 | -2.783 | 330 | 904 | -.372 | .186 | .149 | -1.143 |
| 330 | 280 | .059 | .105 | .292 | -.417 | 330 | 530 | -.782 | .299 | .019 | -2.244 | 330 | 905 | -.693 | .210 | -.093 | -1.805 |
| 330 | 281 | .076 | .107 | .237 | -.461 | 330 | 531 | -.623 | .220 | -.005 | -1.810 | 330 | 906 | -.188 | .145 | .280 | -.816 |
| 330 | 282 | .131 | .115 | .279 | -.454 | 330 | 532 | -.454 | .175 | .050 | -1.183 | 330 | 907 | -.160 | .135 | .312 | -.667 |
| 330 | 283 | .179 | .116 | .191 | -.582 | 330 | 533 | -.300 | .142 | .090 | -1.029 | 330 | 908 | -.413 | .207 | .328 | -1.201 |
| 330 | 284 | .164 | .103 | .237 | -.656 | 330 | 534 | -.223 | .117 | .177 | -.759 | 330 | 909 | -.577 | .198 | -.003 | -1.229 |
| 330 | 285 | .108 | .111 | .251 | -.588 | 330 | 535 | -.176 | .108 | .203 | -.533 | 330 | 910 | -.281 | .172 | .259 | -.982 |
| 330 | 286 | .081 | .115 | .299 | -.491 | 330 | 536 | -.165 | .110 | .162 | -.615 | 330 | 911 | -.193 | .153 | .240 | -.777 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|------|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 3330 | 912 | 528 | 207 | 135 | -1.309 | 340 | 140 | 248 | 143 | 229 | -906 | 340 | 191 | 287 | 210 | 455 | -1.046 |
| 3330 | 913 | 121 | 133 | 301 | -616 | 340 | 141 | 254 | 153 | 241 | -958 | 340 | 192 | 309 | 179 | 231 | -959 |
| 3330 | 914 | 154 | 124 | 235 | -544 | 340 | 142 | 287 | 155 | 175 | -852 | 340 | 193 | 342 | 199 | 256 | -1.164 |
| 3330 | 915 | 261 | 196 | 633 | -1.087 | 340 | 143 | 331 | 184 | 260 | -1.272 | 340 | 194 | 152 | 172 | 576 | -731 |
| 3330 | 916 | 504 | 206 | 305 | -1.236 | 340 | 144 | 360 | 198 | 109 | -1.435 | 340 | 195 | 087 | 149 | 816 | -383 |
| 3330 | 917 | 283 | 187 | 1.387 | -210 | 340 | 145 | 367 | 201 | 147 | -1.541 | 340 | 196 | 306 | 167 | 948 | -210 |
| 3330 | 919 | 452 | 178 | 259 | -1.082 | 340 | 146 | 310 | 168 | 106 | -1.068 | 340 | 197 | 406 | 205 | 1.101 | -1.131 |
| 3330 | 920 | 192 | 131 | 238 | -726 | 340 | 147 | 126 | 190 | 465 | -821 | 340 | 198 | 445 | 198 | 1.107 | -331 |
| 3330 | 921 | 205 | 193 | 384 | -1.043 | 340 | 149 | 160 | 319 | 1.074 | -977 | 340 | 199 | 418 | 210 | 1.126 | -451 |
| 3330 | 922 | 277 | 207 | 455 | -1.112 | 340 | 150 | 517 | 217 | 289 | -1.677 | 340 | 200 | 213 | 166 | 267 | -1.140 |
| 3330 | 923 | 512 | 222 | 277 | -1.369 | 340 | 151 | 380 | 172 | 150 | -1.026 | 340 | 202 | 248 | 166 | 362 | -1.125 |
| 3330 | 924 | 501 | 184 | 088 | -1.259 | 340 | 152 | 331 | 168 | 254 | -917 | 340 | 203 | 290 | 166 | 184 | -1.344 |
| 3330 | 925 | 254 | 180 | 1.068 | -1.182 | 340 | 153 | 372 | 172 | 227 | -1.070 | 340 | 204 | 327 | 174 | 153 | -1.380 |
| 3330 | 926 | 229 | 147 | 217 | -858 | 340 | 154 | 018 | 162 | 617 | -594 | 340 | 205 | 311 | 178 | 151 | -1.631 |
| 3330 | 927 | 184 | 214 | 674 | -838 | 340 | 155 | 192 | 169 | 924 | -309 | 340 | 206 | 263 | 171 | 250 | -920 |
| 3330 | 928 | 448 | 199 | 378 | -1.278 | 340 | 156 | 416 | 183 | 1.017 | -099 | 340 | 207 | 257 | 175 | 513 | -1.662 |
| 3330 | 929 | 434 | 167 | 630 | -1.089 | 340 | 157 | 527 | 185 | 1.116 | -044 | 340 | 208 | 068 | 209 | 679 | -1.044 |
| 3330 | 930 | 157 | 169 | 895 | -397 | 340 | 158 | 510 | 212 | 1.228 | -146 | 340 | 209 | 141 | 225 | 633 | -1.169 |
| 3330 | 931 | 171 | 147 | 315 | -623 | 340 | 159 | 554 | 201 | 1.866 | -110 | 340 | 210 | 268 | 203 | 434 | -1.081 |
| 3330 | 932 | 043 | 150 | 346 | -502 | 340 | 160 | 287 | 180 | 210 | -1.396 | 340 | 211 | 268 | 198 | 406 | -1.093 |
| 3330 | 933 | 026 | 137 | 441 | -502 | 340 | 161 | 286 | 180 | 327 | -1.116 | 340 | 212 | 311 | 211 | 294 | -1.224 |
| 3330 | 934 | 083 | 137 | 452 | -504 | 340 | 162 | 294 | 195 | 186 | -1.156 | 340 | 213 | 354 | 195 | 277 | -1.443 |
| 3330 | 935 | 099 | 135 | 550 | -413 | 340 | 163 | 321 | 180 | 158 | -1.160 | 340 | 214 | 197 | 158 | 449 | -844 |
| 3330 | 936 | 135 | 159 | 729 | -364 | 340 | 164 | 345 | 197 | 178 | -1.388 | 340 | 215 | 053 | 153 | 452 | -646 |
| 3330 | 937 | 119 | 141 | 447 | -618 | 340 | 165 | 327 | 173 | 133 | -1.144 | 340 | 216 | 092 | 152 | 842 | -348 |
| 3330 | 938 | 004 | 138 | 445 | -446 | 340 | 166 | 307 | 160 | 207 | -1.048 | 340 | 217 | 170 | 185 | 828 | -405 |
| 3330 | 939 | 050 | 153 | 632 | -408 | 340 | 167 | 286 | 185 | 508 | -1.149 | 340 | 218 | 181 | 195 | 1.009 | -476 |
| 3330 | 940 | 024 | 116 | 427 | -432 | 340 | 168 | 088 | 310 | 1.203 | -1.450 | 340 | 219 | 195 | 200 | 1.081 | -469 |
| 3330 | 941 | 122 | 135 | 363 | -702 | 340 | 169 | 327 | 285 | 675 | -1.087 | 340 | 220 | 242 | 135 | 214 | -803 |
| 3330 | 942 | 027 | 144 | 595 | -378 | 340 | 170 | 507 | 218 | 169 | -1.363 | 340 | 221 | 209 | 140 | 201 | -812 |
| 3330 | 943 | 075 | 127 | 347 | -635 | 340 | 171 | 402 | 219 | 338 | -1.081 | 340 | 222 | 219 | 136 | 316 | -915 |
| 3330 | 944 | 109 | 124 | 343 | -669 | 340 | 172 | 441 | 202 | 241 | -1.156 | 340 | 223 | 240 | 148 | 168 | -795 |
| 3330 | 945 | 177 | 113 | 209 | -569 | 340 | 173 | 392 | 196 | 423 | -1.211 | 340 | 224 | 254 | 142 | 160 | -839 |
| 3330 | 946 | 164 | 139 | 256 | -807 | 340 | 174 | 126 | 168 | 510 | -917 | 340 | 225 | 271 | 152 | 178 | -1.108 |
| 3330 | 947 | 208 | 118 | 142 | -616 | 340 | 175 | 098 | 161 | 658 | -468 | 340 | 226 | 213 | 133 | 200 | -819 |
| 3330 | 948 | 214 | 124 | 225 | -653 | 340 | 176 | 407 | 179 | 1.020 | -1.20 | 340 | 227 | 218 | 154 | 267 | -899 |
| 3330 | 949 | 110 | 129 | 371 | -477 | 340 | 177 | 481 | 192 | 1.179 | -1.37 | 340 | 228 | 084 | 188 | 681 | -798 |
| 3330 | 950 | 052 | 131 | 376 | -498 | 340 | 178 | 516 | 187 | 1.088 | -081 | 340 | 229 | 111 | 172 | 489 | -871 |
| 3330 | 951 | 052 | 114 | 301 | -489 | 340 | 179 | 466 | 207 | 1.077 | -1.81 | 340 | 230 | 213 | 194 | 304 | -1.420 |
| 3330 | 952 | 056 | 124 | 345 | -554 | 340 | 180 | 262 | 176 | 346 | -1.008 | 340 | 231 | 218 | 183 | 238 | -1.027 |
| 3330 | 953 | 008 | 116 | 322 | -391 | 340 | 181 | 259 | 171 | 272 | -1.018 | 340 | 232 | 254 | 189 | 274 | -1.230 |
| 3330 | 954 | 016 | 124 | 328 | -391 | 340 | 182 | 261 | 167 | 244 | -1.046 | 340 | 233 | 273 | 181 | 230 | -1.160 |
| 3330 | 955 | 072 | 130 | 375 | -456 | 340 | 183 | 297 | 169 | 230 | -958 | 340 | 234 | 155 | 140 | 282 | -690 |
| 3330 | 956 | 081 | 128 | 354 | -516 | 340 | 184 | 346 | 187 | 171 | -1.169 | 340 | 235 | 062 | 130 | 338 | -510 |
| 3330 | 957 | 041 | 118 | 336 | -429 | 340 | 185 | 335 | 183 | 088 | -1.109 | 340 | 236 | 157 | 150 | 760 | -309 |
| 3330 | 958 | 001 | 129 | 457 | -461 | 340 | 186 | 286 | 176 | 365 | -1.016 | 340 | 237 | 241 | 166 | 880 | -309 |
| 3330 | 959 | 154 | 154 | 728 | -227 | 340 | 187 | 239 | 166 | 375 | -1.011 | 340 | 238 | 264 | 178 | 811 | -302 |
| 3330 | 960 | 152 | 150 | 595 | -371 | 340 | 188 | 037 | 237 | 748 | -1.007 | 340 | 239 | 247 | 206 | 988 | -572 |
| 3330 | 961 | 091 | 132 | 586 | -443 | 340 | 189 | 157 | 248 | 784 | -923 | 340 | 260 | 115 | 131 | 267 | -701 |
| 3330 | 962 | 086 | 138 | 660 | -401 | 340 | 190 | 319 | 226 | 364 | -1.131 | 340 | 261 | 137 | 122 | 280 | -685 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|-----|-----|--------|-------|-------|-------|
| 340 | 262 | -145 | 124 | 217 | -696 | 340 | 512 | -517 | 293 | 253 | -1720 | 340 | 571 | -120 | 117 | 302 | -550 |
| 340 | 263 | -156 | 124 | 195 | -698 | 340 | 513 | -389 | 215 | 242 | -1317 | 340 | 572 | -114 | 114 | 286 | -501 |
| 340 | 264 | -221 | 143 | 223 | -943 | 340 | 514 | -305 | 178 | 335 | -1085 | 340 | 573 | -153 | 114 | 196 | -575 |
| 340 | 265 | -222 | 147 | 197 | -883 | 340 | 515 | -234 | 166 | 256 | -1124 | 340 | 574 | -197 | 129 | 205 | -836 |
| 340 | 266 | -181 | 142 | 327 | -875 | 340 | 516 | -226 | 149 | 234 | -842 | 340 | 575 | -145 | 113 | 202 | -574 |
| 340 | 267 | -208 | 145 | 220 | -814 | 340 | 517 | -209 | 140 | 188 | -769 | 340 | 576 | -358 | 221 | 209 | -1484 |
| 340 | 268 | -064 | 151 | 456 | -1231 | 340 | 518 | -219 | 142 | 139 | -760 | 340 | 577 | -329 | 259 | 256 | -1643 |
| 340 | 269 | -090 | 174 | 497 | -879 | 340 | 519 | -494 | 292 | 117 | -2265 | 340 | 578 | -146 | 166 | 207 | -1251 |
| 340 | 270 | -165 | 176 | 310 | -1050 | 340 | 520 | -496 | 299 | 311 | -2295 | 340 | 579 | -128 | 106 | 201 | -601 |
| 340 | 271 | -168 | 173 | 271 | -989 | 340 | 521 | -472 | 280 | 226 | -1807 | 340 | 580 | -142 | 115 | 240 | -637 |
| 340 | 272 | -198 | 178 | 308 | -896 | 340 | 522 | -425 | 247 | 235 | -1522 | 340 | 581 | -201 | 113 | 152 | -623 |
| 340 | 273 | -242 | 194 | 293 | -1067 | 340 | 523 | -312 | 191 | 286 | -1353 | 340 | 582 | -206 | 109 | 155 | -588 |
| 340 | 274 | -087 | 125 | 285 | -600 | 340 | 524 | -233 | 140 | 164 | -974 | 340 | 583 | -283 | 109 | 116 | -672 |
| 340 | 275 | -010 | 125 | 434 | -438 | 340 | 525 | -228 | 141 | 224 | -703 | 340 | 584 | -313 | 108 | 062 | -763 |
| 340 | 276 | -115 | 130 | 664 | -299 | 340 | 526 | -258 | 132 | 090 | -785 | 340 | 901 | -240 | 156 | 317 | -804 |
| 340 | 277 | -197 | 143 | 811 | -224 | 340 | 527 | -290 | 130 | 099 | -902 | 340 | 902 | -263 | 141 | 132 | -734 |
| 340 | 278 | -176 | 154 | 721 | -287 | 340 | 528 | -635 | 281 | 038 | -2107 | 340 | 903 | -283 | 155 | 303 | -896 |
| 340 | 279 | -163 | 168 | 812 | -372 | 340 | 529 | -706 | 282 | -077 | -2233 | 340 | 904 | -398 | 170 | 206 | -1074 |
| 340 | 280 | -052 | 109 | 306 | -403 | 340 | 530 | -687 | 280 | 098 | -2197 | 340 | 905 | -540 | 182 | 106 | -1254 |
| 340 | 281 | -067 | 109 | 303 | -486 | 340 | 531 | -595 | 230 | 062 | -1696 | 340 | 906 | -221 | 160 | 401 | -734 |
| 340 | 282 | -105 | 124 | 270 | -720 | 340 | 532 | -463 | 196 | 089 | -1328 | 340 | 907 | -200 | 140 | 209 | -937 |
| 340 | 283 | -152 | 141 | 276 | -652 | 340 | 533 | -342 | 149 | 150 | -1003 | 340 | 908 | -415 | 173 | 176 | -1103 |
| 340 | 284 | -130 | 109 | 289 | -510 | 340 | 534 | -250 | 131 | 138 | -908 | 340 | 909 | -490 | 163 | 057 | -1344 |
| 340 | 285 | -095 | 115 | 302 | -467 | 340 | 535 | -220 | 123 | 248 | -744 | 340 | 910 | -344 | 164 | 427 | -973 |
| 340 | 286 | -074 | 124 | 314 | -674 | 340 | 536 | -216 | 133 | 169 | -705 | 340 | 911 | -284 | 164 | 275 | -1058 |
| 340 | 287 | -068 | 119 | 390 | -460 | 340 | 537 | -589 | 265 | 006 | -1894 | 340 | 912 | -464 | 171 | 156 | -1344 |
| 340 | 288 | -030 | 131 | 422 | -531 | 340 | 538 | -521 | 244 | 108 | -1751 | 340 | 913 | -098 | 120 | 277 | -533 |
| 340 | 289 | -034 | 116 | 385 | -463 | 340 | 539 | -501 | 256 | 116 | -1740 | 340 | 914 | -129 | 130 | 263 | -603 |
| 340 | 290 | -055 | 117 | 363 | -524 | 340 | 540 | -422 | 240 | 245 | -1506 | 340 | 915 | -384 | 235 | 429 | -1452 |
| 340 | 291 | -065 | 110 | 365 | -490 | 340 | 541 | -328 | 184 | 250 | -1195 | 340 | 916 | -470 | 183 | 137 | -1185 |
| 340 | 292 | -120 | 122 | 286 | -635 | 340 | 542 | -217 | 144 | 198 | -845 | 340 | 917 | -252 | 178 | 223 | -213 |
| 340 | 293 | -241 | 165 | 245 | -1000 | 340 | 543 | -195 | 141 | 239 | -680 | 340 | 919 | -372 | 162 | 278 | -1003 |
| 340 | 294 | -167 | 120 | 238 | -709 | 340 | 544 | -178 | 131 | 207 | -766 | 340 | 920 | -156 | 136 | 319 | -764 |
| 340 | 295 | -134 | 123 | 359 | -545 | 340 | 545 | -196 | 133 | 239 | -825 | 340 | 921 | -343 | 215 | 311 | -1177 |
| 340 | 296 | -027 | 146 | 515 | -460 | 340 | 546 | -593 | 276 | 081 | -2445 | 340 | 922 | -408 | 207 | 347 | -1336 |
| 340 | 297 | -071 | 162 | 760 | -477 | 340 | 547 | -585 | 282 | 073 | -2041 | 340 | 923 | -473 | 177 | 057 | -1143 |
| 340 | 298 | -009 | 125 | 469 | -436 | 340 | 548 | -451 | 228 | 155 | -1602 | 340 | 924 | -479 | 162 | 186 | -1356 |
| 340 | 299 | -026 | 125 | 507 | -443 | 340 | 549 | -360 | 195 | 122 | -1184 | 340 | 925 | -246 | 157 | 916 | -237 |
| 340 | 401 | -221 | 151 | 224 | -883 | 340 | 550 | -272 | 172 | 204 | -1290 | 340 | 926 | -195 | 144 | 332 | -741 |
| 340 | 463 | -099 | 151 | 740 | -345 | 340 | 551 | -224 | 148 | 215 | -1006 | 340 | 927 | -019 | 236 | 792 | -808 |
| 340 | 501 | -588 | 350 | 106 | -2912 | 340 | 552 | -184 | 135 | 220 | -1132 | 340 | 928 | -408 | 188 | 226 | -1058 |
| 340 | 502 | -613 | 328 | 128 | -283 | 340 | 553 | -152 | 124 | 215 | -580 | 340 | 929 | -411 | 151 | 120 | -940 |
| 340 | 503 | -498 | 249 | 207 | -1598 | 340 | 554 | -177 | 122 | 286 | -987 | 340 | 930 | -121 | 138 | 785 | -259 |
| 340 | 504 | -388 | 222 | 341 | -1614 | 340 | 555 | -350 | 238 | 082 | -1582 | 340 | 931 | -124 | 143 | 308 | -722 |
| 340 | 505 | -305 | 188 | 257 | -1202 | 340 | 556 | -458 | 229 | 153 | -1634 | 340 | 932 | -035 | 121 | 605 | -339 |
| 340 | 506 | -245 | 168 | 302 | -1003 | 340 | 557 | -362 | 219 | 141 | -1921 | 340 | 933 | -023 | 101 | 349 | -355 |
| 340 | 507 | -214 | 158 | 292 | -840 | 340 | 558 | -285 | 166 | 112 | -1055 | 340 | 934 | -060 | 123 | 299 | -501 |
| 340 | 508 | -226 | 154 | 161 | -1235 | 340 | 559 | -225 | 146 | 278 | -900 | 340 | 935 | -074 | 133 | 551 | -347 |
| 340 | 510 | -513 | 292 | 180 | -1995 | 340 | 560 | -174 | 128 | 240 | -711 | 340 | 936 | -098 | 141 | 523 | -428 |
| 340 | 511 | -495 | 292 | 136 | -2304 | 340 | 570 | -124 | 117 | 322 | -697 | 340 | 937 | -089 | 141 | 410 | -640 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 340 | 938 | .009 | .118 | .347 | -.416 | 350 | 166 | -.363 | .176 | .219 | -1.158 | 350 | 217 | -.007 | .178 | .847 | -.557 |
| 340 | 939 | .043 | .124 | .599 | -.453 | 350 | 167 | -.327 | .197 | .331 | -1.269 | 350 | 218 | -.054 | .180 | .730 | -.573 |
| 340 | 940 | .027 | .110 | .344 | -.397 | 350 | 168 | -.053 | .235 | .694 | -1.298 | 350 | 219 | -.016 | .193 | .811 | -.565 |
| 340 | 941 | .078 | .138 | .358 | -.945 | 350 | 169 | -.094 | .280 | .784 | -1.270 | 350 | 220 | -.141 | .112 | .198 | -.780 |
| 340 | 942 | .016 | .117 | .600 | -.339 | 350 | 170 | -.327 | .226 | .567 | -1.157 | 350 | 221 | -.109 | .109 | .190 | -.545 |
| 340 | 943 | .089 | .119 | .317 | -.461 | 350 | 171 | -.276 | .210 | .325 | -1.026 | 350 | 222 | -.086 | .106 | .229 | -.523 |
| 340 | 944 | .103 | .125 | .305 | -.499 | 350 | 172 | -.259 | .224 | .568 | -1.088 | 350 | 223 | -.122 | .143 | .354 | -.784 |
| 340 | 945 | .158 | .105 | .291 | -.526 | 350 | 173 | -.252 | .204 | .585 | -.951 | 350 | 224 | -.199 | .159 | .207 | -1.075 |
| 340 | 946 | .152 | .119 | .278 | -.338 | 350 | 174 | -.007 | .192 | .723 | -.564 | 350 | 225 | -.223 | .174 | .162 | -1.180 |
| 340 | 947 | .162 | .111 | .185 | -.506 | 350 | 175 | .171 | .175 | .650 | -.599 | 350 | 226 | -.131 | .136 | .278 | -.853 |
| 340 | 948 | .165 | .112 | .205 | -.644 | 350 | 176 | .323 | .191 | 1.049 | -.254 | 350 | 227 | -.138 | .144 | .298 | -.919 |
| 340 | 949 | .088 | .121 | .404 | -.409 | 350 | 177 | .396 | .213 | 1.473 | -.217 | 350 | 228 | -.001 | .119 | .438 | -.540 |
| 340 | 950 | .043 | .117 | .368 | -.443 | 350 | 178 | .418 | .237 | 1.366 | -.274 | 350 | 229 | -.005 | .147 | .373 | -.710 |
| 340 | 951 | .048 | .125 | .350 | -.312 | 350 | 179 | .369 | .240 | 1.363 | -.308 | 350 | 230 | -.061 | .147 | .367 | -.744 |
| 340 | 952 | .041 | .114 | .364 | -.409 | 350 | 180 | -.180 | .177 | .389 | -1.294 | 350 | 231 | -.052 | .137 | .292 | -.918 |
| 340 | 953 | .011 | .106 | .424 | -.342 | 350 | 181 | -.186 | .172 | .302 | -1.119 | 350 | 232 | -.054 | .151 | .337 | -1.072 |
| 340 | 954 | .063 | .116 | .431 | -.383 | 350 | 182 | -.187 | .171 | .259 | -1.254 | 350 | 233 | -.091 | .157 | .311 | -1.050 |
| 340 | 955 | .056 | .121 | .328 | -.457 | 350 | 183 | .345 | .226 | .200 | -1.490 | 350 | 234 | -.039 | .138 | .434 | -.738 |
| 340 | 956 | .066 | .116 | .448 | -.480 | 350 | 184 | .426 | .234 | .150 | -1.687 | 350 | 235 | -.006 | .124 | .432 | -.486 |
| 340 | 957 | .029 | .106 | .372 | -.370 | 350 | 185 | -.429 | .207 | .120 | -1.285 | 350 | 236 | -.050 | .108 | .410 | -.331 |
| 340 | 958 | .003 | .108 | .336 | -.357 | 350 | 186 | -.320 | .187 | .288 | -.982 | 350 | 237 | -.081 | .131 | .698 | -.418 |
| 340 | 959 | .136 | .155 | .665 | -.285 | 350 | 187 | -.266 | .174 | .308 | -1.001 | 350 | 238 | -.047 | .144 | .699 | -.390 |
| 340 | 960 | .111 | .130 | .667 | -.408 | 350 | 188 | -.009 | .197 | .706 | -.917 | 350 | 239 | -.053 | .174 | .736 | -.519 |
| 340 | 961 | .062 | .130 | .420 | -.446 | 350 | 189 | -.001 | .223 | .695 | -.796 | 350 | 260 | -.027 | .103 | .354 | -.357 |
| 340 | 962 | .033 | .135 | .513 | -.485 | 350 | 190 | -.123 | .231 | .505 | -1.367 | 350 | 261 | -.031 | .102 | .284 | -.385 |
| 350 | 140 | .224 | .146 | .270 | -.738 | 350 | 191 | -.133 | .192 | .432 | -1.019 | 350 | 262 | -.049 | .104 | .331 | -.458 |
| 350 | 141 | .238 | .159 | .286 | -.894 | 350 | 192 | -.153 | .208 | .409 | -.909 | 350 | 263 | -.063 | .112 | .297 | -.654 |
| 350 | 142 | .272 | .168 | .168 | -.884 | 350 | 193 | -.176 | .217 | .599 | -1.088 | 350 | 264 | -.123 | .132 | .286 | -1.072 |
| 350 | 143 | .382 | .187 | .233 | -1.057 | 350 | 194 | -.030 | .187 | .909 | -.723 | 350 | 265 | -.133 | .140 | .233 | -.894 |
| 350 | 144 | .495 | .255 | .135 | -1.806 | 350 | 195 | .089 | .166 | .799 | -.409 | 350 | 266 | -.083 | .112 | .297 | -.682 |
| 350 | 145 | .498 | .261 | .110 | -1.515 | 350 | 196 | .197 | .162 | .911 | -.290 | 350 | 267 | -.105 | .125 | .280 | -.745 |
| 350 | 146 | .422 | .211 | .143 | -1.573 | 350 | 197 | .263 | .202 | 1.035 | -.280 | 350 | 268 | -.018 | .109 | .340 | -.531 |
| 350 | 147 | .177 | .187 | .677 | -.834 | 350 | 198 | .234 | .202 | .964 | -.310 | 350 | 269 | -.002 | .115 | .491 | -.480 |
| 350 | 149 | .141 | .320 | 1.217 | -1.189 | 350 | 199 | -.236 | .207 | 1.052 | -.381 | 350 | 270 | -.053 | .152 | .387 | -1.295 |
| 350 | 150 | .352 | .242 | .604 | -1.293 | 350 | 200 | -.117 | .131 | .262 | -.687 | 350 | 271 | -.031 | .127 | .297 | -.871 |
| 350 | 151 | .247 | .198 | .560 | -1.311 | 350 | 202 | -.124 | .157 | .304 | -1.022 | 350 | 272 | -.050 | .128 | .320 | -.761 |
| 350 | 152 | .215 | .190 | .366 | -1.084 | 350 | 203 | -.206 | .201 | .518 | -1.269 | 350 | 273 | -.062 | .140 | .390 | -.919 |
| 350 | 153 | .236 | .211 | .618 | -1.141 | 350 | 204 | -.337 | .209 | .245 | -1.816 | 350 | 274 | -.011 | .113 | .389 | -.466 |
| 350 | 154 | .112 | .199 | .975 | -.509 | 350 | 205 | -.354 | .215 | .201 | -1.451 | 350 | 275 | -.009 | .103 | .314 | -.321 |
| 350 | 155 | .264 | .189 | 1.065 | -.273 | 350 | 206 | -.198 | .186 | .422 | -.845 | 350 | 276 | .029 | .116 | .566 | -.359 |
| 350 | 156 | .440 | .213 | 1.250 | -.152 | 350 | 207 | -.199 | .174 | .294 | -.990 | 350 | 277 | .039 | .118 | .427 | -.360 |
| 350 | 157 | .486 | .213 | 1.169 | -.227 | 350 | 208 | -.010 | .155 | .650 | -.625 | 350 | 278 | -.019 | .136 | .541 | -.369 |
| 350 | 158 | .467 | .222 | 1.239 | -.171 | 350 | 209 | -.012 | .191 | .687 | -.880 | 350 | 279 | -.025 | .124 | .589 | -.547 |
| 350 | 159 | .450 | .219 | 1.233 | -.197 | 350 | 210 | -.104 | .196 | .426 | -.979 | 350 | 280 | -.001 | .100 | .385 | -.337 |
| 350 | 160 | .193 | .191 | .286 | -1.180 | 350 | 211 | -.094 | .175 | .384 | -.836 | 350 | 281 | -.018 | .102 | .406 | -.393 |
| 350 | 161 | .208 | .193 | .320 | -1.158 | 350 | 212 | -.147 | .197 | .291 | -1.212 | 350 | 282 | -.025 | .096 | .278 | -.512 |
| 350 | 162 | .267 | .204 | .306 | -1.163 | 350 | 213 | -.191 | .213 | .470 | -1.555 | 350 | 283 | -.037 | .108 | .424 | -.404 |
| 350 | 163 | .387 | .225 | .261 | -1.289 | 350 | 214 | -.101 | .158 | .397 | -.814 | 350 | 284 | -.047 | .112 | .361 | -.513 |
| 350 | 164 | .452 | .230 | .045 | -1.442 | 350 | 215 | -.072 | .135 | .419 | -.515 | 350 | 285 | -.003 | .105 | .303 | -.393 |
| 350 | 165 | .430 | .203 | .146 | -1.368 | 350 | 216 | -.014 | .147 | .471 | -.451 | 350 | 286 | -.007 | .107 | .388 | -.420 |

| WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN | WD | TAP | CPMEAN | CPRMS | CPMAX | CPMIN |
|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|-----|-----|--------|-------|-------|--------|
| 350 | 287 | .003 | .105 | .335 | -.370 | 350 | 537 | -.421 | .215 | .073 | -1.558 | 350 | 912 | -.367 | .155 | .066 | -1.011 |
| 350 | 288 | .018 | .109 | .367 | -.424 | 350 | 538 | -.422 | .220 | .171 | -1.505 | 350 | 913 | -.040 | .113 | .306 | -.430 |
| 350 | 289 | .010 | .112 | .386 | -.391 | 350 | 539 | -.340 | .189 | .165 | -1.341 | 350 | 914 | -.051 | .125 | .370 | -.515 |
| 350 | 290 | .006 | .114 | .381 | -.432 | 350 | 540 | -.337 | .202 | .240 | -1.542 | 350 | 915 | -.446 | .236 | .411 | -1.285 |
| 350 | 291 | .022 | .103 | .296 | -.415 | 350 | 541 | -.244 | .148 | .168 | -.939 | 350 | 916 | -.398 | .183 | .319 | -1.401 |
| 350 | 292 | .062 | .110 | .296 | -.480 | 350 | 542 | -.206 | .139 | .240 | -.808 | 350 | 917 | -.134 | .150 | .878 | -.326 |
| 350 | 293 | .114 | .125 | .277 | -.940 | 350 | 543 | -.168 | .116 | .184 | -.610 | 350 | 919 | -.200 | .209 | .538 | -1.030 |
| 350 | 294 | .121 | .116 | .271 | -.590 | 350 | 544 | -.166 | .126 | .226 | -.837 | 350 | 920 | -.050 | .125 | .363 | -.889 |
| 350 | 295 | .143 | .109 | .247 | -.560 | 350 | 545 | -.168 | .124 | .301 | -.653 | 350 | 921 | -.419 | .220 | .210 | -1.288 |
| 350 | 296 | .126 | .116 | .563 | -.455 | 350 | 546 | -.419 | .201 | .096 | -1.283 | 350 | 922 | -.481 | .230 | .176 | -1.368 |
| 350 | 297 | .071 | .140 | .701 | -.456 | 350 | 547 | -.391 | .217 | .238 | -1.639 | 350 | 923 | -.387 | .167 | .158 | -1.101 |
| 350 | 298 | .098 | .110 | .539 | -.592 | 350 | 548 | -.302 | .169 | .209 | -1.060 | 350 | 924 | -.376 | .152 | .113 | -1.163 |
| 350 | 299 | .062 | .119 | .379 | -.495 | 350 | 549 | -.244 | .140 | .185 | -.867 | 350 | 925 | -.119 | .142 | .855 | -.424 |
| 350 | 401 | .203 | .141 | .208 | -.704 | 350 | 550 | -.214 | .137 | .182 | -.996 | 350 | 926 | -.083 | .119 | .294 | -.521 |
| 350 | 463 | .001 | .134 | .453 | -.476 | 350 | 551 | -.157 | .117 | .181 | -.730 | 350 | 927 | -.114 | .220 | .885 | -.779 |
| 350 | 501 | .323 | .201 | .153 | -2.698 | 350 | 552 | -.138 | .110 | .213 | -.692 | 350 | 928 | -.203 | .233 | .629 | -1.002 |
| 350 | 502 | .296 | .162 | .175 | -1.142 | 350 | 553 | -.120 | .113 | .271 | -.532 | 350 | 929 | -.305 | .171 | .342 | -.928 |
| 350 | 503 | .307 | .173 | .213 | -1.183 | 350 | 554 | -.144 | .114 | .227 | -.683 | 350 | 930 | -.076 | .120 | .532 | -.353 |
| 350 | 504 | .286 | .188 | .333 | -1.185 | 350 | 555 | -.336 | .166 | .123 | -1.151 | 350 | 931 | -.011 | .118 | .487 | -.558 |
| 350 | 505 | .238 | .169 | .311 | -1.094 | 350 | 556 | -.305 | .173 | .073 | -1.463 | 350 | 932 | -.072 | .142 | .617 | -.393 |
| 350 | 506 | .208 | .147 | .202 | -.963 | 350 | 556 | -.242 | .157 | .206 | -1.411 | 350 | 933 | -.034 | .110 | .320 | -.445 |
| 350 | 507 | .171 | .142 | .280 | -.938 | 350 | 557 | -.201 | .126 | .233 | -.942 | 350 | 934 | -.016 | .119 | .377 | -.421 |
| 350 | 508 | .176 | .134 | .232 | -.930 | 350 | 558 | -.153 | .108 | .182 | -.694 | 350 | 935 | .034 | .131 | .526 | -.438 |
| 350 | 510 | .269 | .177 | .288 | -1.093 | 350 | 559 | -.126 | .099 | .187 | -.582 | 350 | 936 | .018 | .120 | .537 | -.387 |
| 350 | 511 | .269 | .167 | .238 | -1.074 | 350 | 570 | -.089 | .097 | .265 | -.409 | 350 | 937 | .011 | .118 | .404 | -.438 |
| 350 | 512 | .292 | .177 | .185 | -1.303 | 350 | 571 | -.088 | .098 | .263 | -.399 | 350 | 938 | -.002 | .115 | .384 | -.353 |
| 350 | 513 | .274 | .164 | .186 | -1.314 | 350 | 572 | -.094 | .102 | .286 | -.490 | 350 | 939 | .015 | .115 | .385 | -.351 |
| 350 | 514 | .248 | .146 | .149 | -1.085 | 350 | 573 | -.120 | .100 | .232 | -.491 | 350 | 940 | -.026 | .113 | .350 | -.407 |
| 350 | 515 | .200 | .129 | .255 | -.733 | 350 | 574 | -.148 | .102 | .191 | -.484 | 350 | 941 | -.034 | .104 | .294 | -.438 |
| 350 | 516 | .179 | .125 | .219 | -.875 | 350 | 575 | -.101 | .109 | .327 | -.432 | 350 | 942 | -.031 | .116 | .366 | -.436 |
| 350 | 517 | .200 | .147 | .217 | -1.406 | 350 | 576 | -.229 | .168 | .237 | -1.807 | 350 | 943 | -.071 | .118 | .373 | -.452 |
| 350 | 518 | .172 | .129 | .239 | -.727 | 350 | 577 | -.191 | .156 | .234 | -1.187 | 350 | 944 | -.109 | .110 | .249 | -.486 |
| 350 | 519 | .289 | .176 | .300 | -1.470 | 350 | 578 | -.115 | .112 | .260 | -.532 | 350 | 945 | -.153 | .108 | .217 | -.507 |
| 350 | 520 | .296 | .202 | .281 | -1.467 | 350 | 579 | -.109 | .105 | .290 | -.459 | 350 | 946 | -.169 | .110 | .203 | -.619 |
| 350 | 521 | .295 | .198 | .286 | -1.538 | 350 | 580 | -.119 | .098 | .302 | -.445 | 350 | 947 | -.162 | .106 | .230 | -.499 |
| 350 | 522 | .286 | .170 | .249 | -1.111 | 350 | 581 | -.147 | .100 | .171 | -.505 | 350 | 948 | -.141 | .108 | .236 | -.502 |
| 350 | 523 | .259 | .157 | .253 | -1.905 | 350 | 582 | -.177 | .105 | .234 | -.549 | 350 | 949 | -.096 | .104 | .276 | -.450 |
| 350 | 524 | .214 | .122 | .322 | -.605 | 350 | 584 | -.253 | .103 | .067 | -.574 | 350 | 950 | -.059 | .105 | .262 | -.390 |
| 350 | 525 | .199 | .116 | .202 | -.640 | 350 | 585 | -.288 | .095 | .076 | -.585 | 350 | 951 | -.028 | .104 | .301 | -.326 |
| 350 | 526 | .229 | .122 | .138 | -.810 | 350 | 901 | -.223 | .151 | .234 | -.719 | 350 | 952 | -.025 | .103 | .329 | -.438 |
| 350 | 527 | .283 | .133 | .136 | -.771 | 350 | 902 | -.251 | .136 | .212 | -.721 | 350 | 953 | .009 | .111 | .369 | -.329 |
| 350 | 528 | .066 | .118 | .077 | -1.623 | 350 | 903 | -.268 | .143 | .224 | -.775 | 350 | 954 | -.005 | .110 | .360 | -.374 |
| 350 | 529 | .215 | .116 | .063 | -1.642 | 350 | 904 | -.332 | .150 | .247 | -1.011 | 350 | 955 | -.030 | .121 | .355 | -.499 |
| 350 | 530 | .035 | .109 | .014 | -1.889 | 350 | 905 | -.420 | .165 | .124 | -1.084 | 350 | 956 | -.031 | .114 | .363 | -.438 |
| 350 | 531 | .036 | .189 | .036 | -1.414 | 350 | 906 | -.212 | .141 | .230 | -.800 | 350 | 957 | -.027 | .106 | .321 | -.356 |
| 350 | 532 | .419 | .164 | .079 | -1.104 | 350 | 907 | -.359 | .141 | .274 | -.863 | 350 | 958 | -.022 | .106 | .309 | -.460 |
| 350 | 533 | .120 | .120 | .054 | -.926 | 350 | 908 | -.309 | .164 | .090 | -1.058 | 350 | 959 | .036 | .115 | .459 | -.394 |
| 350 | 534 | .111 | .115 | .115 | -.633 | 350 | 909 | -.404 | .168 | .251 | -1.120 | 350 | 960 | .034 | .128 | .490 | -.370 |
| 350 | 535 | .129 | .146 | .146 | -.706 | 350 | 910 | -.302 | .162 | .150 | -1.106 | 350 | 961 | .011 | .114 | .383 | -.360 |
| 350 | 536 | .142 | .252 | .252 | -.697 | 350 | 911 | -.317 | .195 | .264 | -1.115 | 350 | 962 | .001 | .127 | .379 | -.438 |