

WIND-TUNNEL STUDY OF
MANHATTAN PLACE, NEW YORK CITY

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

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

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.

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

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

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.

4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y, and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for all wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading which are useful in designing the structural framing of the proposed building may be obtained from use of these coefficients.

Force coefficients were computed for each floor for each wind direction using the equations shown below.

$$CF_X = \frac{F_X}{A_R 0.5 \rho U_\infty^2} \quad CF_Y = \frac{F_Y}{A_R 0.5 \rho U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients CF_X and CF_Y were computed for the horizontal forces acting along the X and Y axes using the mean pressure coefficient at each pressure tap. A_R represents a constant reference area for nondimensionalization of the forces and moments.

The total forces acting on the full-scale building for each floor and wind direction were computed by multiplying the above coefficients by the appropriate full-scale reference area, by the reference pressure of Table 5, and by a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. A table of gust load factors for various gust durations is

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 pressures would most likely be found near corners of the building due to flow separation phenomena. Flow separation is often identified with increased suction on the building facade. Wind flows over the roof setback areas indicated that localized high pressure zones might be measured in that area.

Wind speeds about the base of the building in pedestrian areas appeared to be strongest near the southernmost corner of the building where wind flow passed under the building overhang. Pedestrian wind speeds could be a significant factor in this location.

5.2 Pedestrian Velocities

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the Manhattan Place building for each pressure tap location. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all pressure tap locations for 36 wind directions with the proposed 675-ft building to the northeast in place. Configuration B represents data for 36 wind directions with the proposed 675-ft building to the northeast removed. Peak pressure data are reported herein in Table 6 for each case separately and for the largest pressures from either configuration. The largest peak cladding pressures measured on the Manhattan Place building were measured at

taps 476, 438 and 490 with values of -63, -58 and -57 psf. All of these pressure taps were near corners where flow visualization indicated the possibility of elevated pressures. These pressures were generated for south to southeast winds where the building is exposed to an open approach over the East River.

Figure 10 shows the distribution of peak pressures over the surface of the Manhattan Place building. Most of the surface area of the building had peak pressures between -20 and -40 psf. Peak positive pressures ranged up to 40 psf with most areas less than 30 psf.

Where doors open onto balconies, a possible increase in cladding load can exist. If a door is left open on high-wind days, the positive or negative pressure which would otherwise act on the door is transmitted into the interior space to which the door is connected. This interior pressure can act to increase or decrease loading on cladding elements subjected to the interior pressure and to an exterior wind pressure. Where an increase in loading occurs, design load on cladding which is selected to withstand external wind loads only can be developed at wind speeds well below the design wind speed. This fact should be taken into account in the design of the cladding or in operation of the building (for example, insuring that the doors are closed on high-wind days).

Figure 11 shows frame load, shear, and moment distributions plotted from Table 7 for each configuration for the largest base shears in the X and Y coordinate directions (see Figure 3 for coordinate system). For wind directions where the Y shear was maximum, the X shear remained at a significant level. Torsional loads were of significant size and occurred at the same wind direction as the maximum X shear.

REFERENCES

1. Cermak, J. E., "Laboratory Simulation of the Atmospheric Boundary Layer," AIAA J1., Vol. 9, September 1971.
2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME J1. of Fluids Engineering, Vol. 97, No. 1, March 1975.
3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.
4. Penwarden, A. D., and Wise, A. F. E., "Wind Environment Around Buildings," Building Research Establishment Report, HMSO, 1975.
5. Melbourne, W. H., "Criteria for Environmental Wind Conditions," J1. Industrial Aerodynamics, Vol. 3, pp. 241-247, 1978.
6. American National Standards Institute, "American National Standard Building Code Requirements for Minimum Design Loads in Buildings and Other Structures," ANSI Standard A58.1, 1972, or the revised ANSI Standard A58.1 to be published.
7. Hollister, S. C., "The Engineering Interpretation of Weather Bureau Records for Wind Loading on Structures," Building Science Series 30--Wind Loads on Buildings and Structures, National Bureau of Standards, pp. 151-164, 1970.
8. Peterka, J. A., and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colorado State University, September 1974.
9. PPG Glass Thickness Recommendations to Meet Architects' Specified 1-Minute Wind Load, Pittsburgh Plate Glass Industries, April 1979.
10. Shand, E. B., "Glass Engineering Handbook," Second Edition, McGraw-Hill, New York, p. 51, 1958.

FIGURES

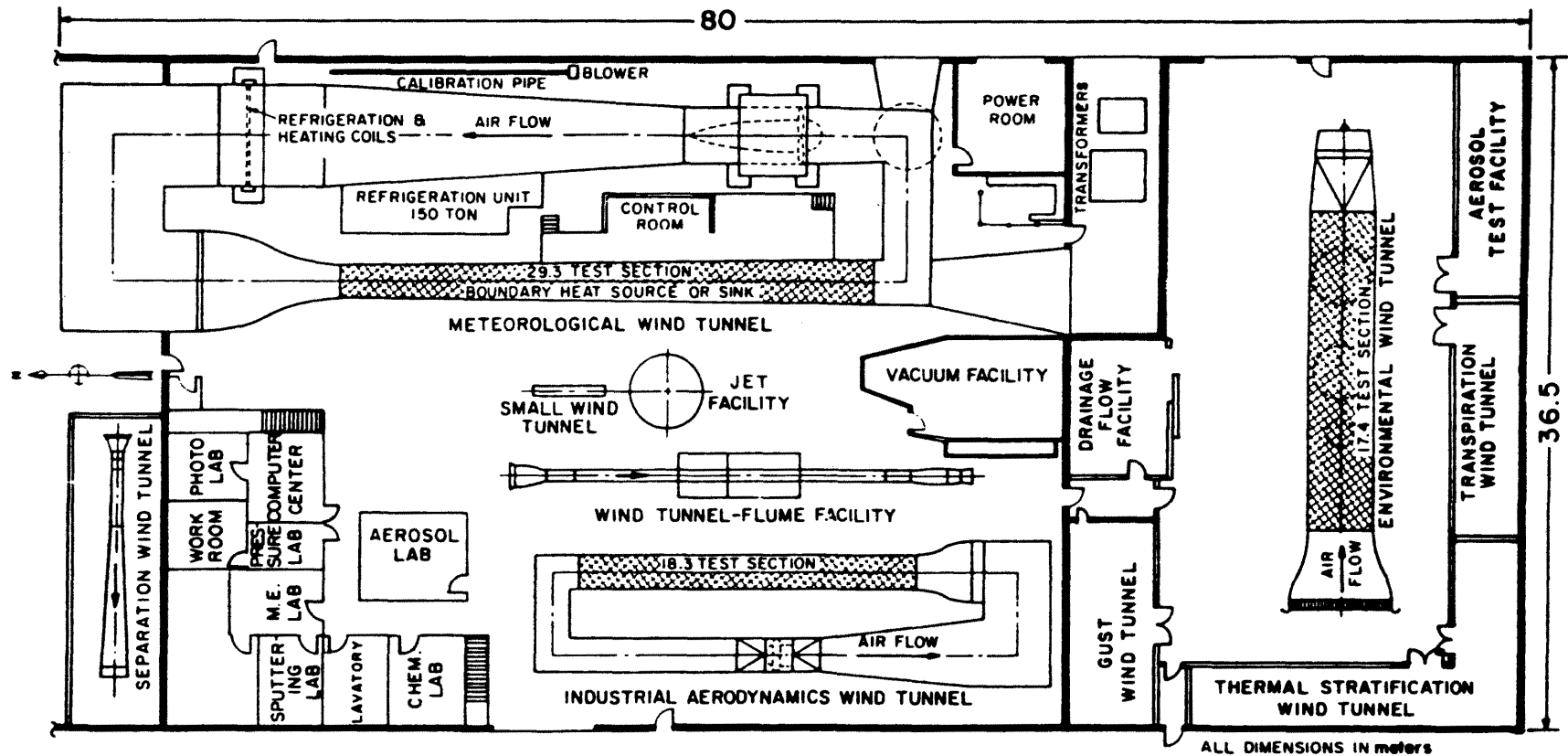
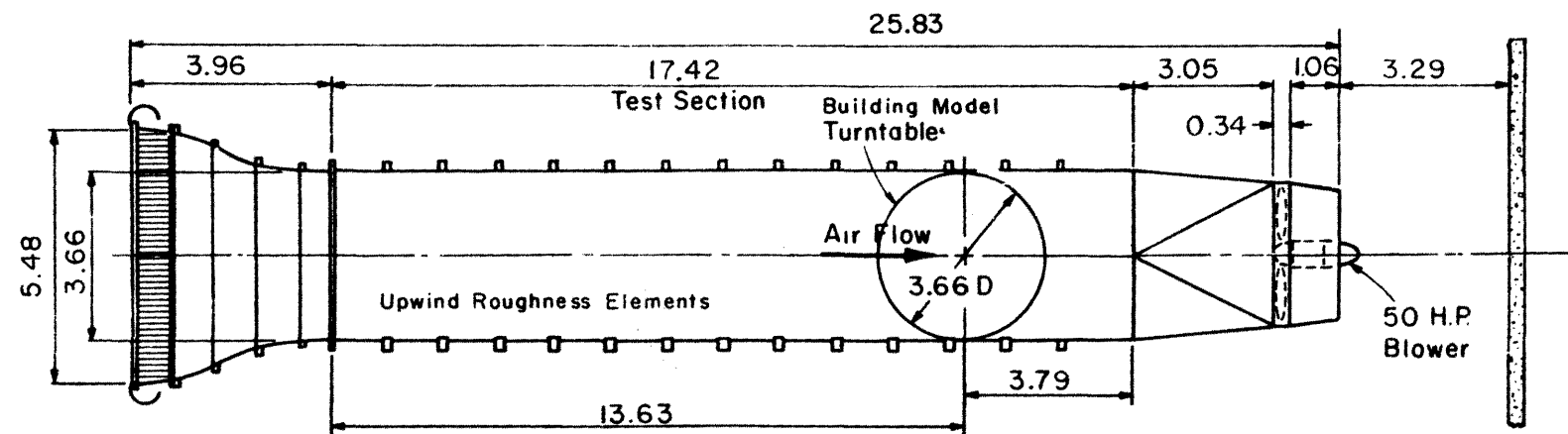
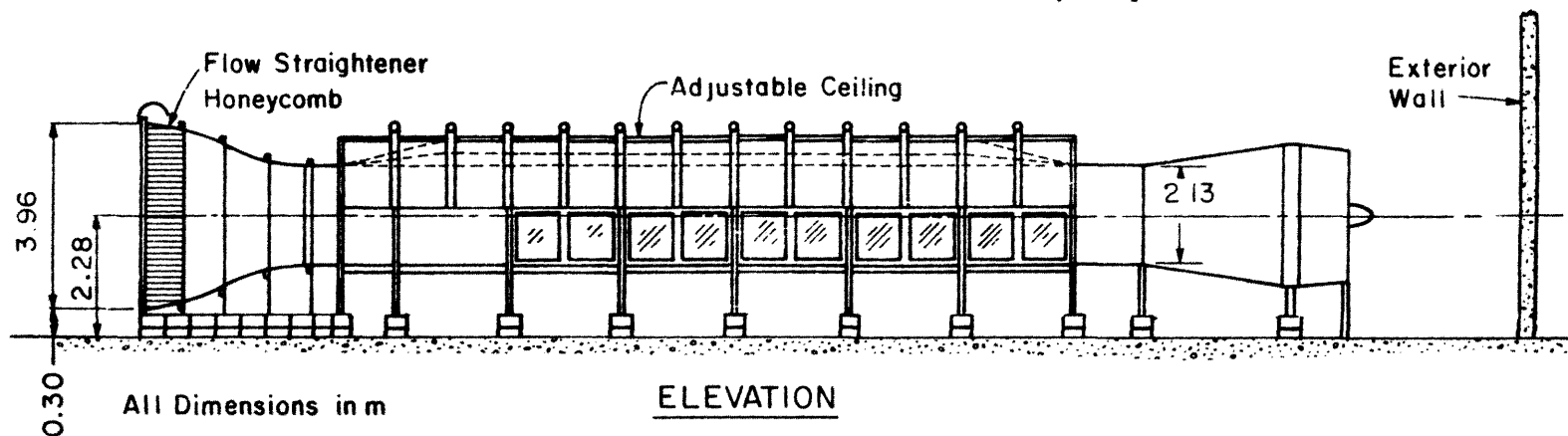


Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



PLAN

Velocity Range: 0.3 - 11 m/s



ELEVATION

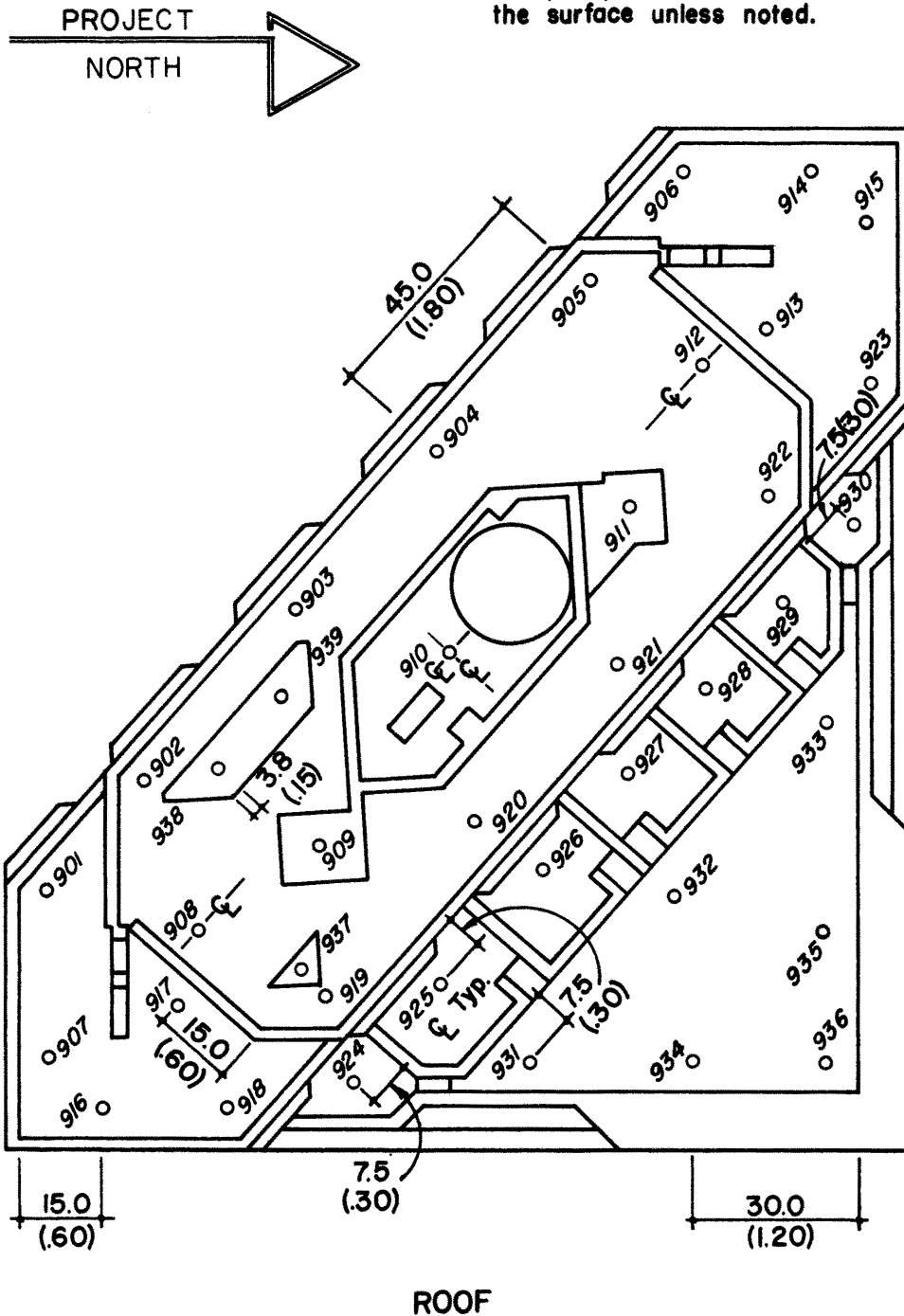
All Dimensions in m

ENVIRONMENTAL WIND TUNNEL

Figure 2. Wind-Tunnel Configuration

Note:

Taps are 5.0 (20) from the inside of the parapet or on the center line of the surface unless noted.

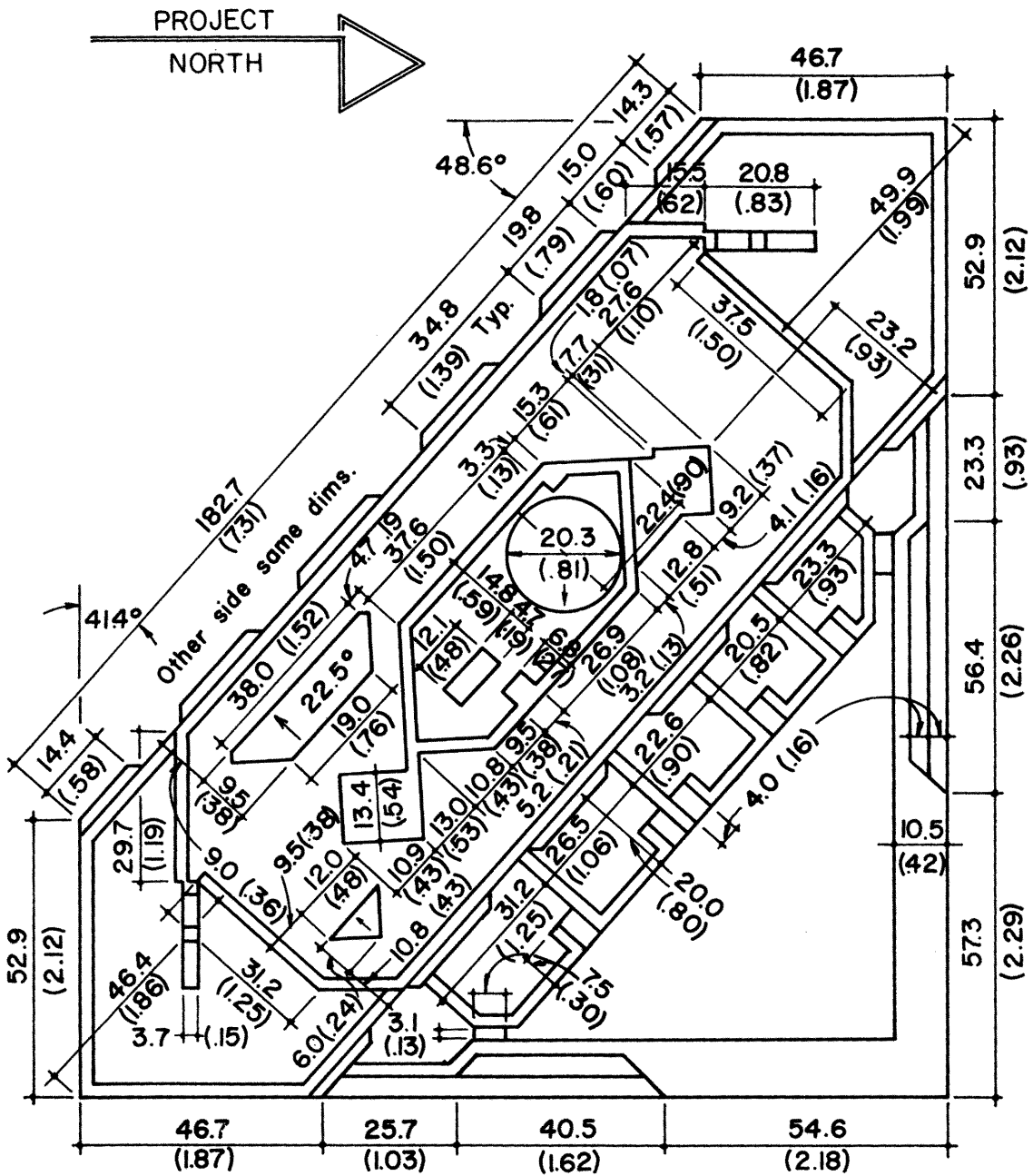


Total taps = 502

Model scale = 1/300

Dimensions in model inches and full scale feet.

Figure 3a. Pressure Tap Locations



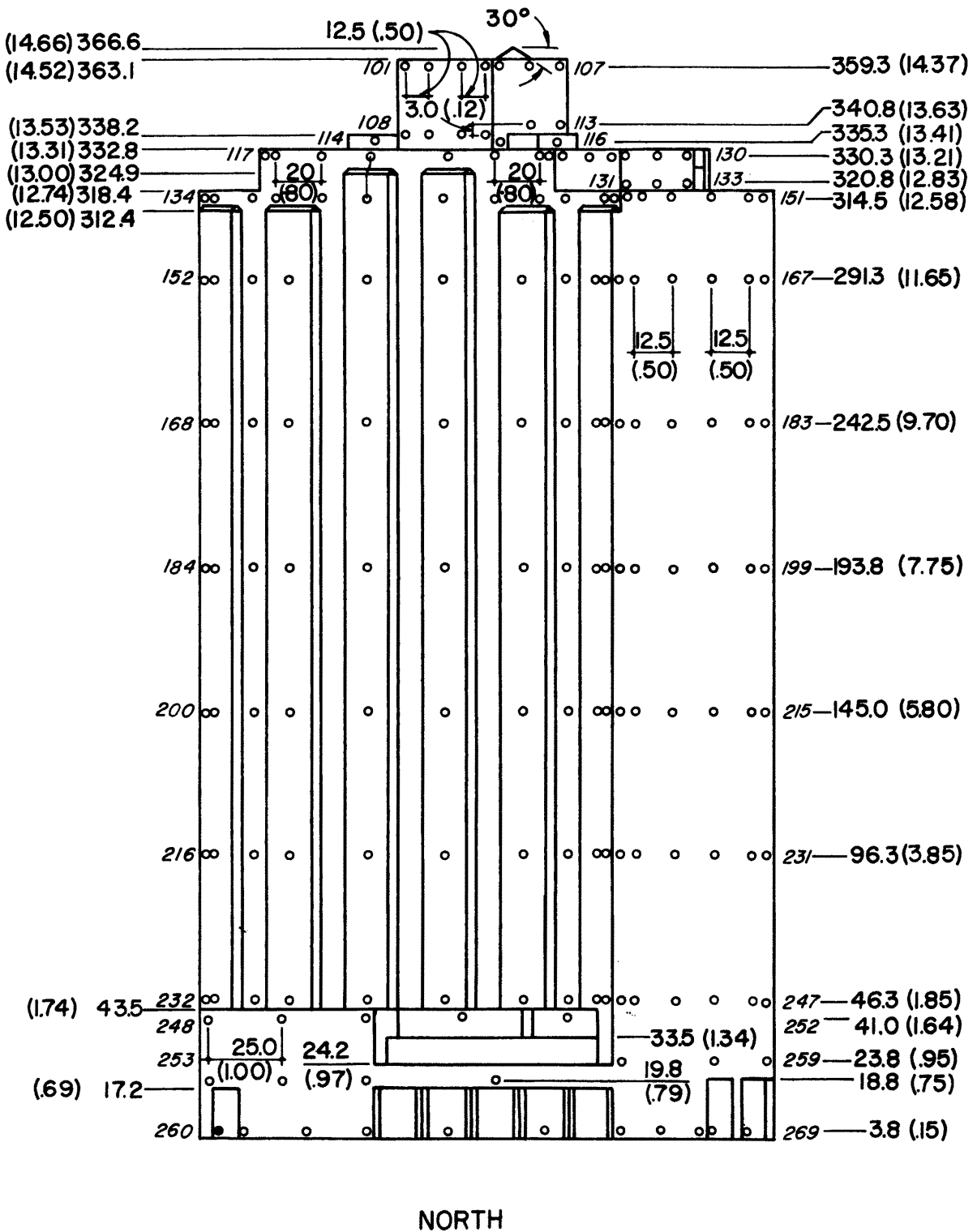
Note:

Parapet is 2.5 (.10) wide.

Roof slope is 30° unless noted; see direction arrows.

Angles are 45° unless noted.

Figure 3b. Pressure Tap Locations



Note:

All taps are located (.10) 2.5 or (.30) 7.5 from nearest edge or on the center line of that surface unless noted otherwise.

•—darkened taps represent those taps which are shown and numbered on another view.

Figure 3c. Pressure Tap Locations

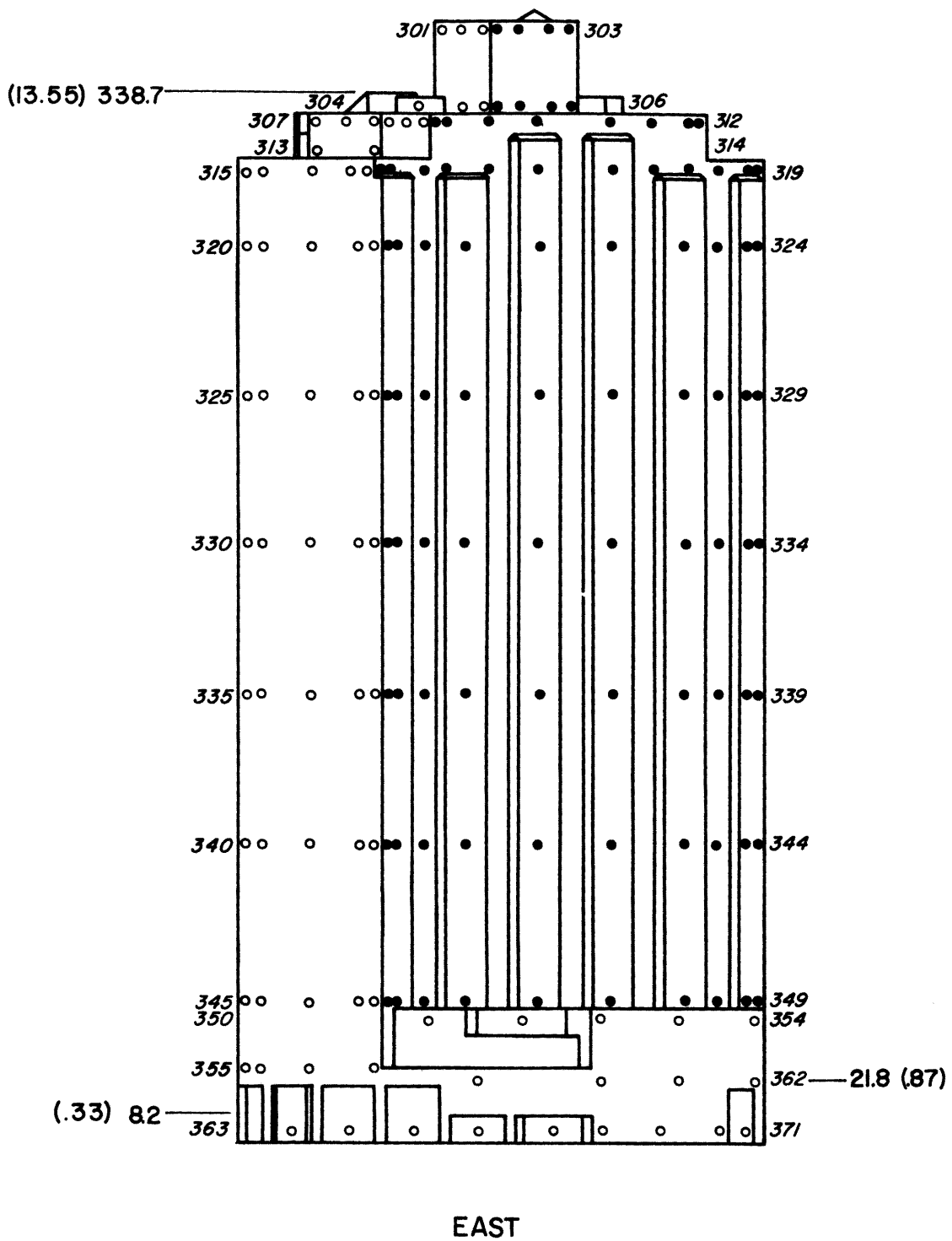


Figure 3d. Pressure Tap Locations

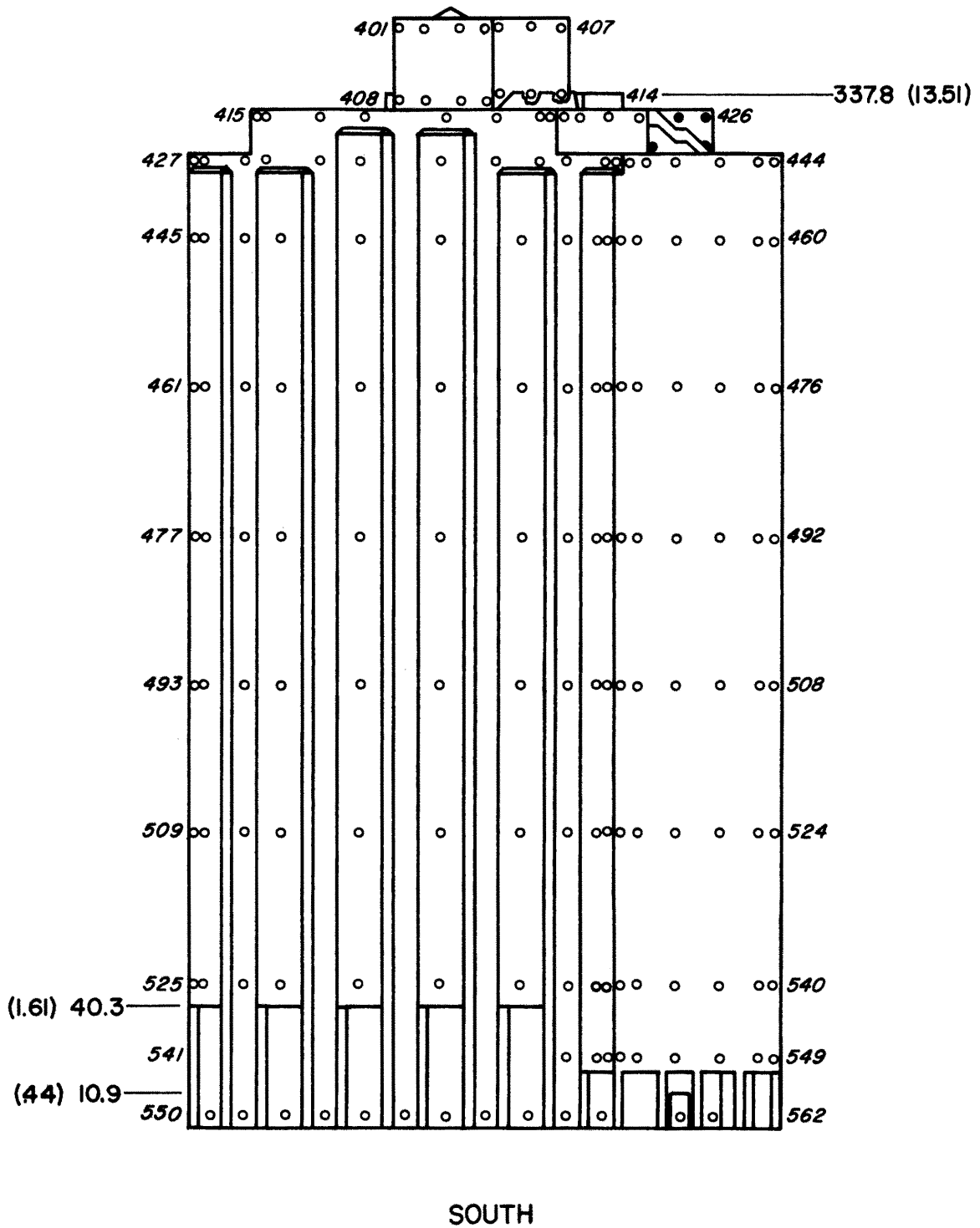


Figure 3e. Pressure Tap Locations

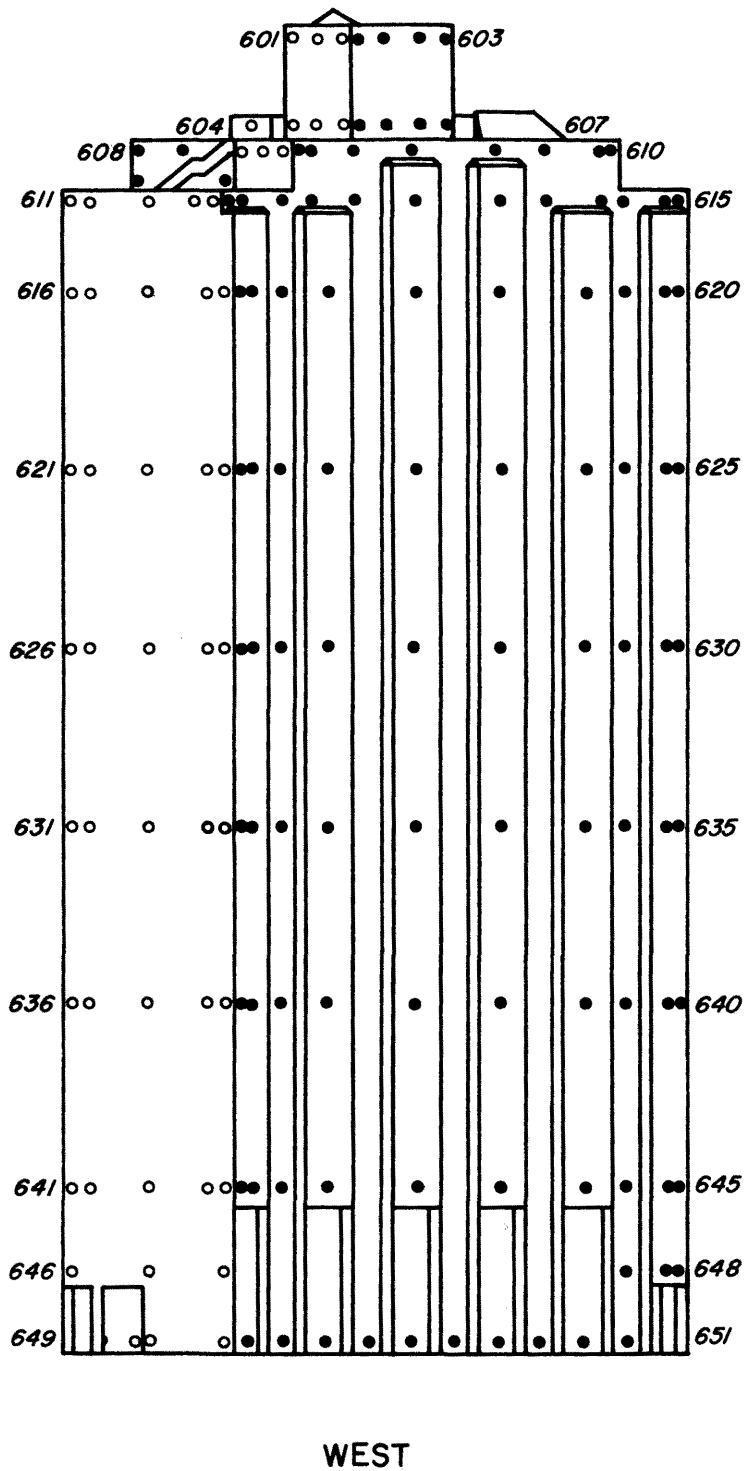
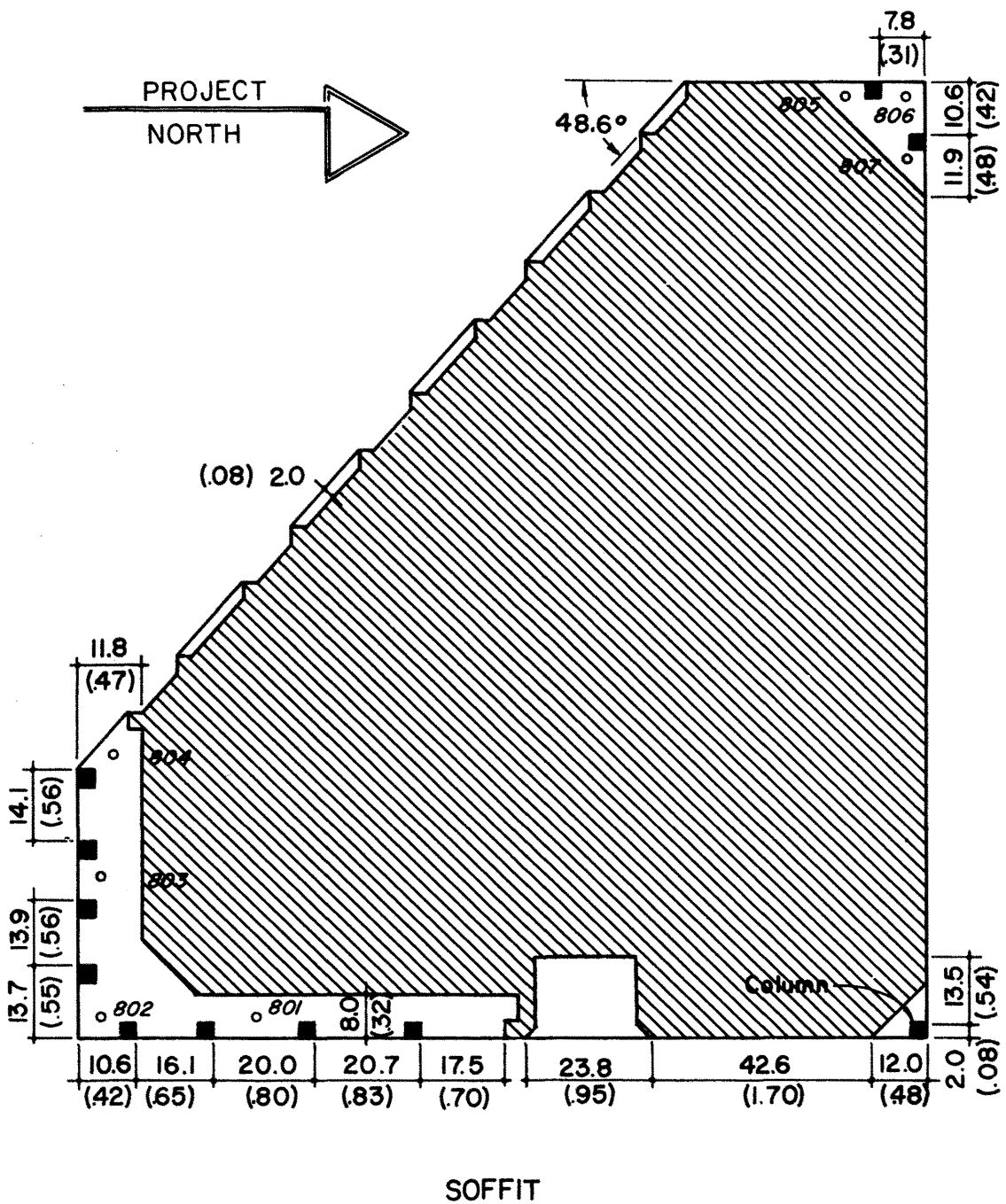
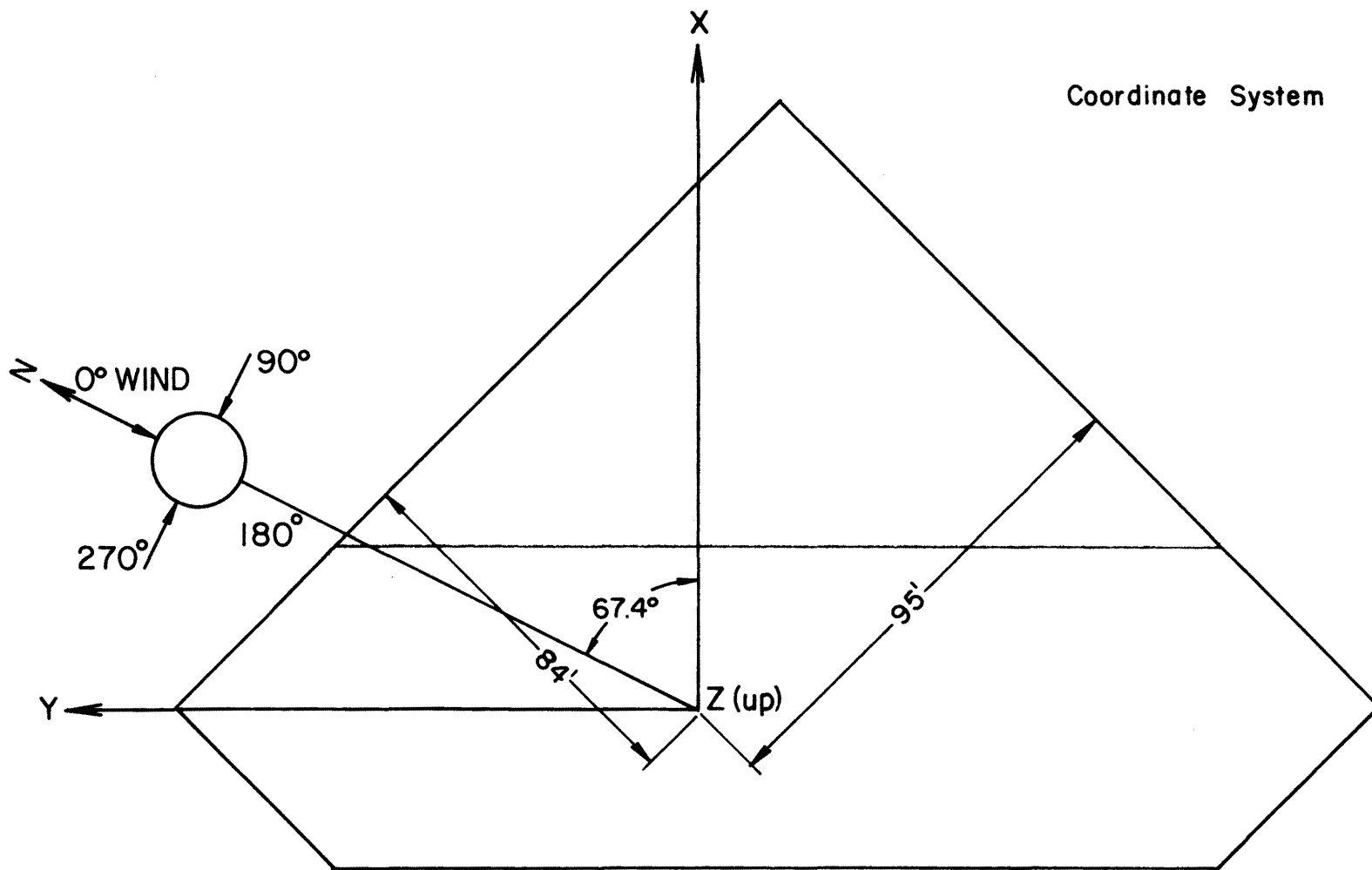


Figure 3f. Pressure Tap Locations



Note:
Columns are 3.1 (.13) square.

Figure 3g. Pressure Tap Locations



Z=0 at "ground" floor

Figure 3h. Pressure Tap Locations

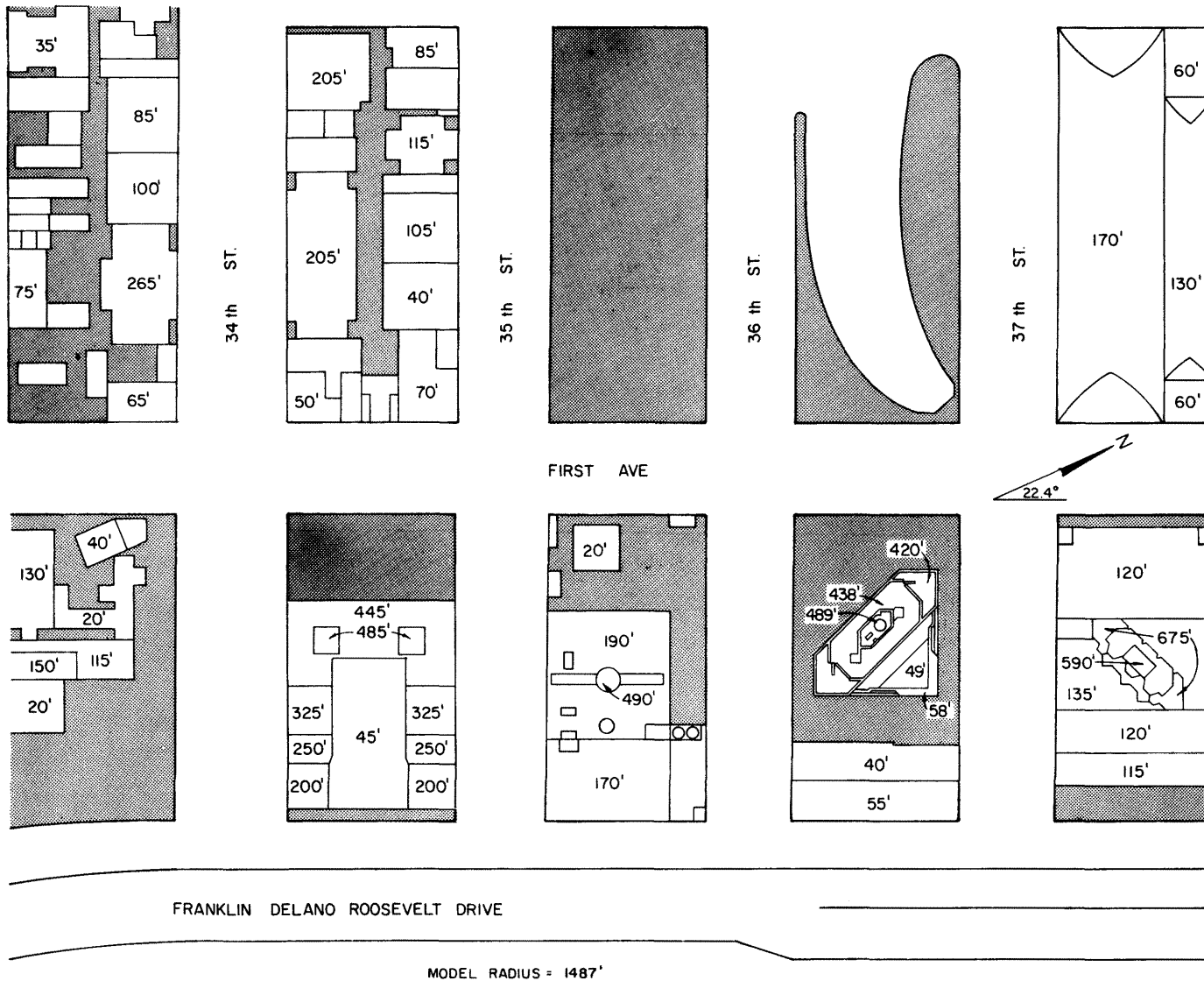


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions



Figure 5. Completed Model in Wind Tunnel

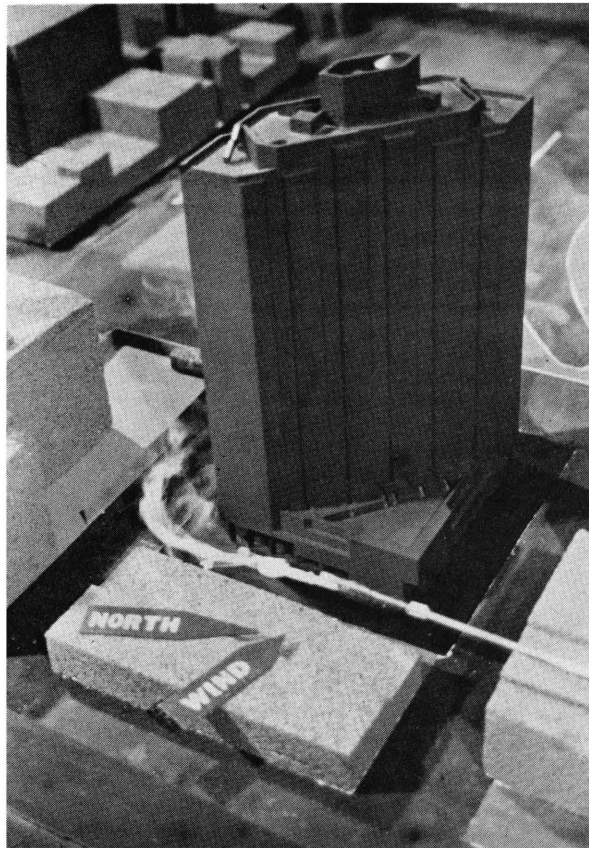
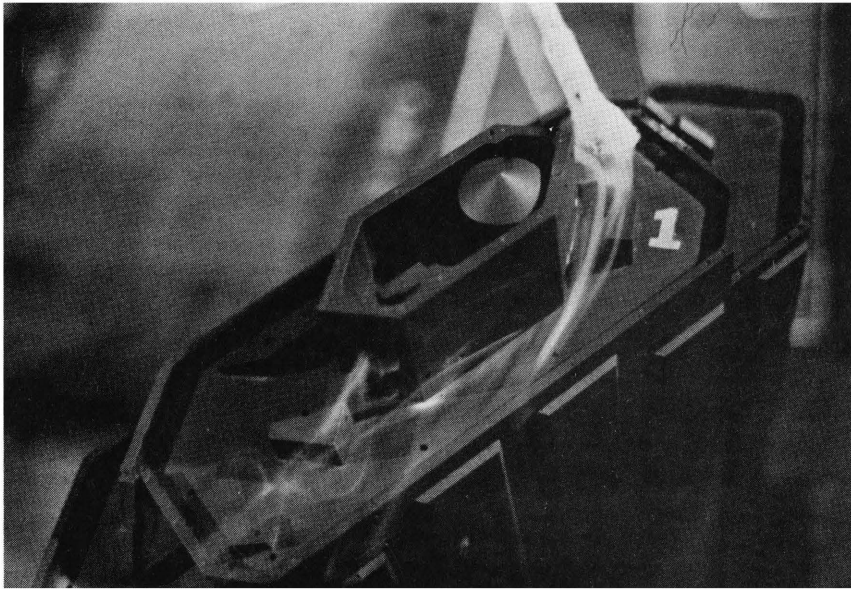


Figure 5. Completed Model in Wind Tunnel.

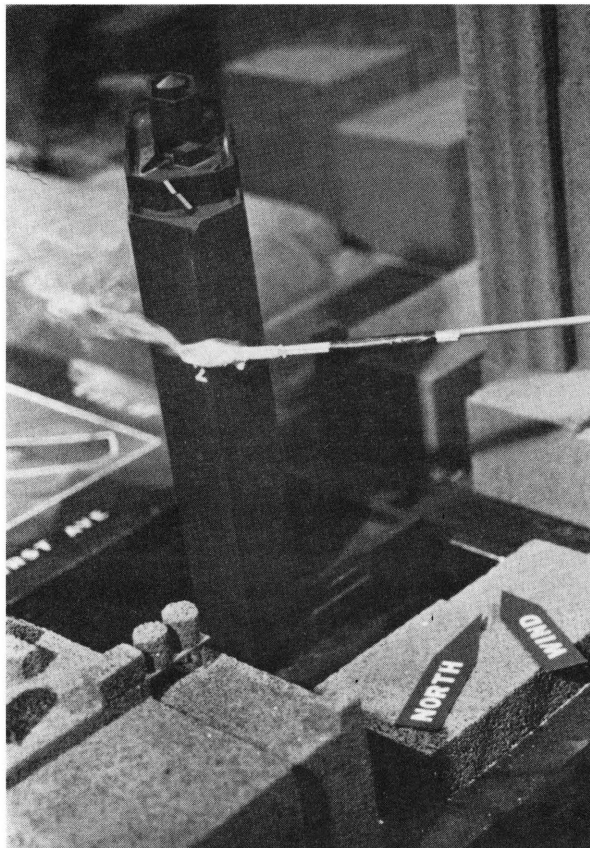
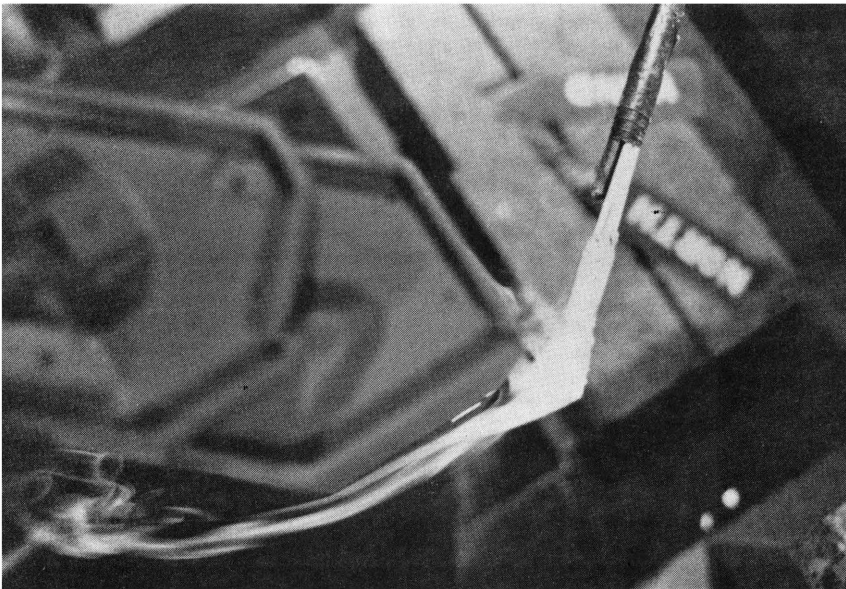


Figure 5. Completed Model in Wind Tunnel

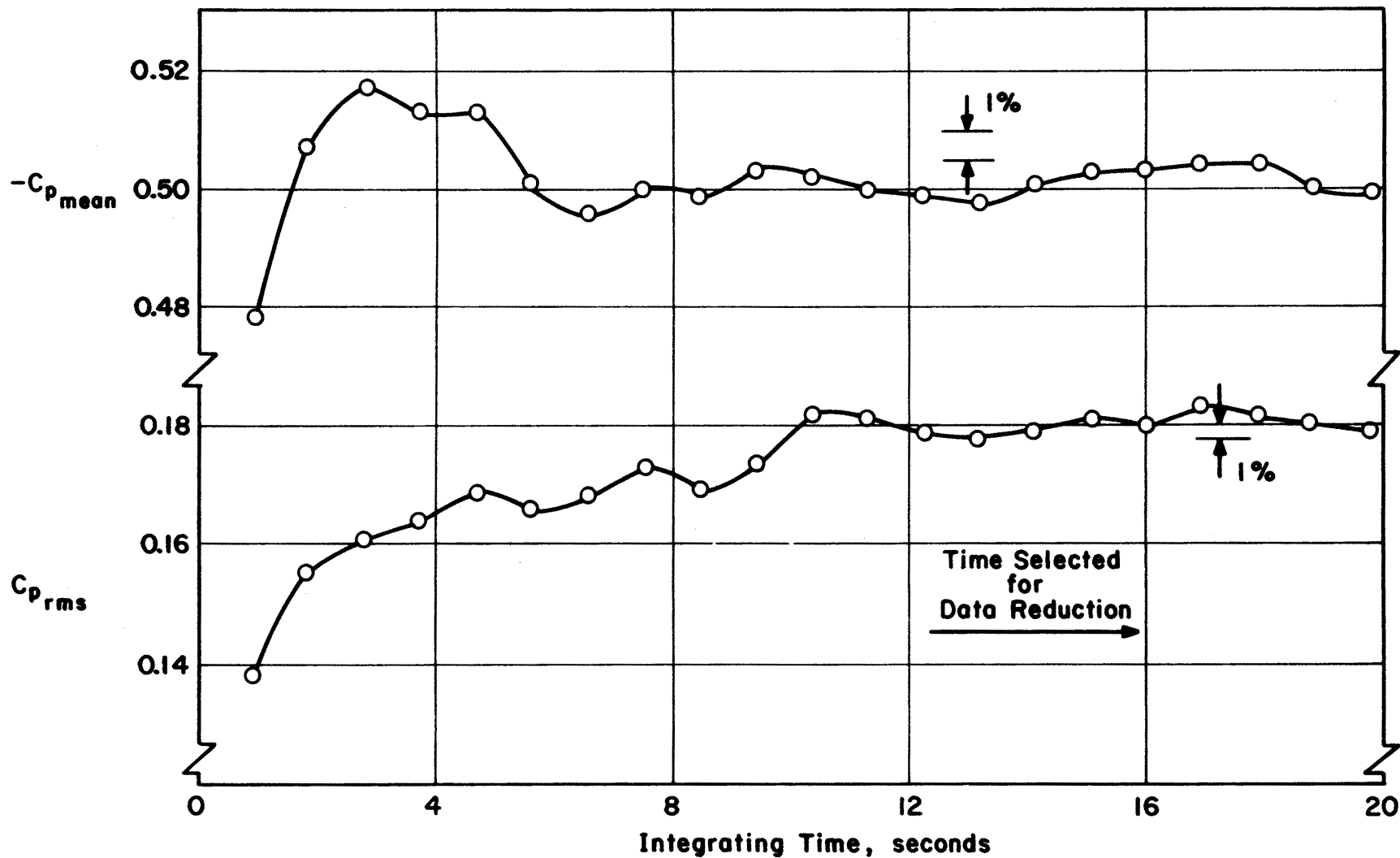


Figure 6. Data Sampling Time Verification

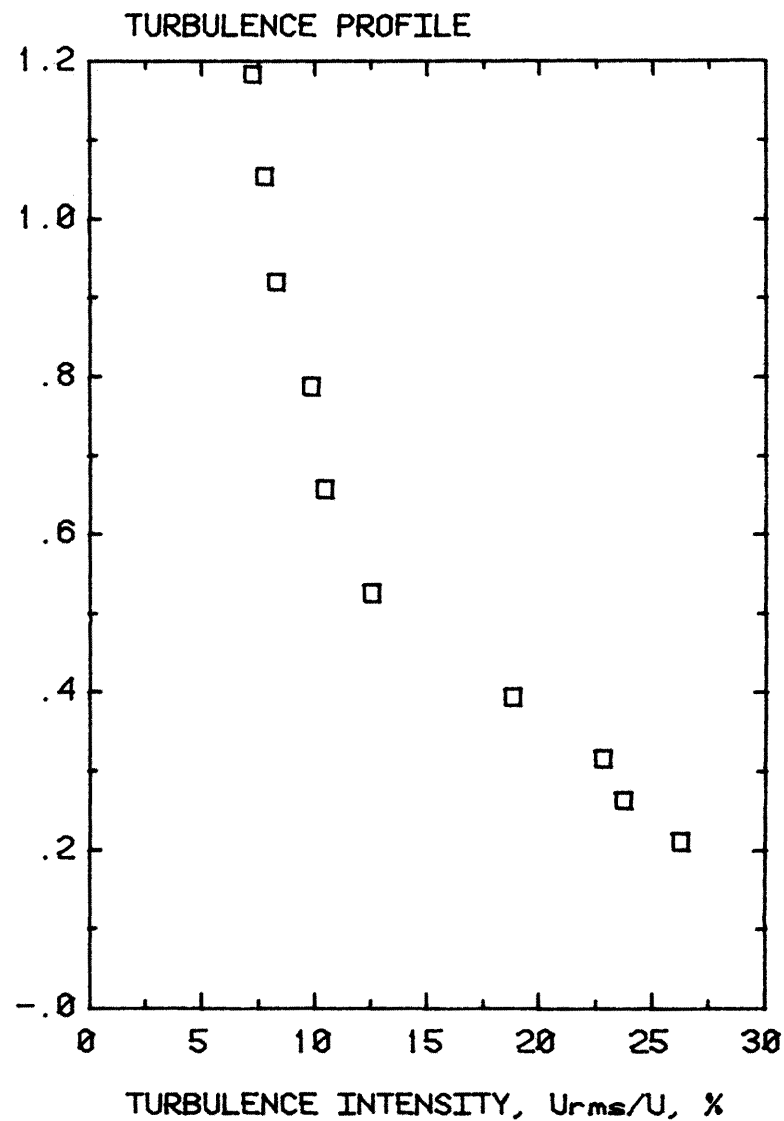
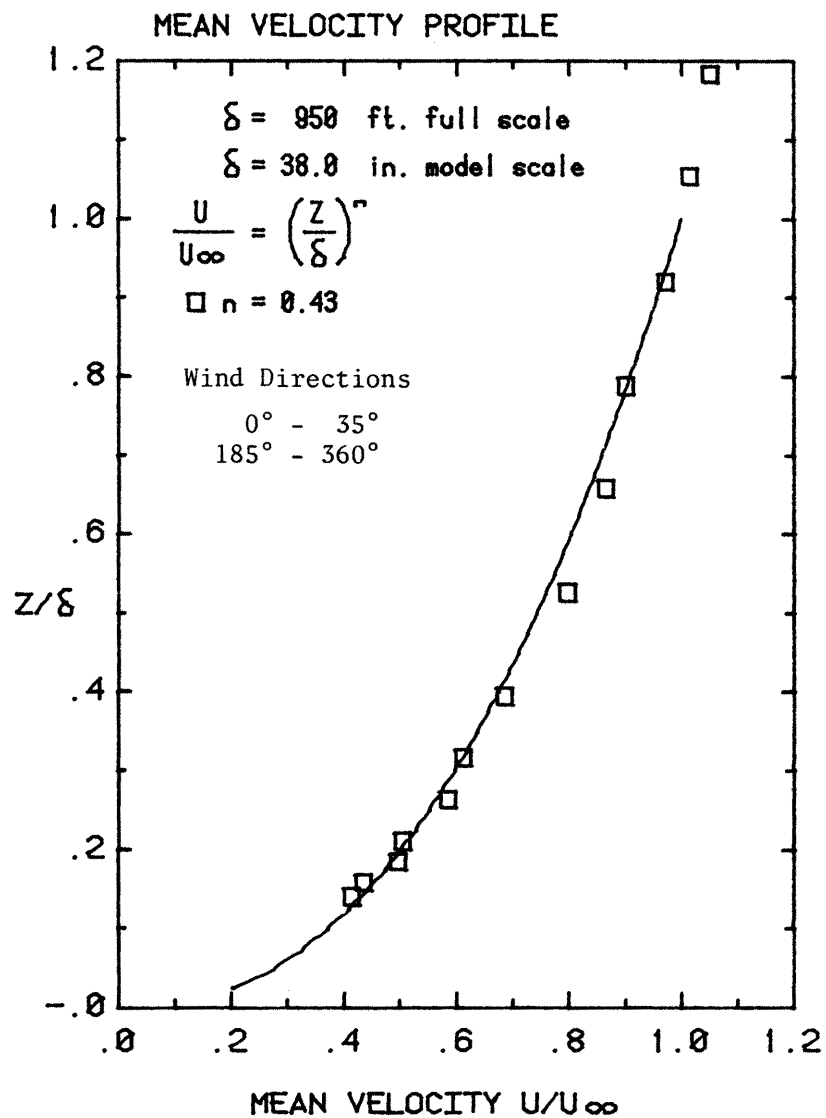


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

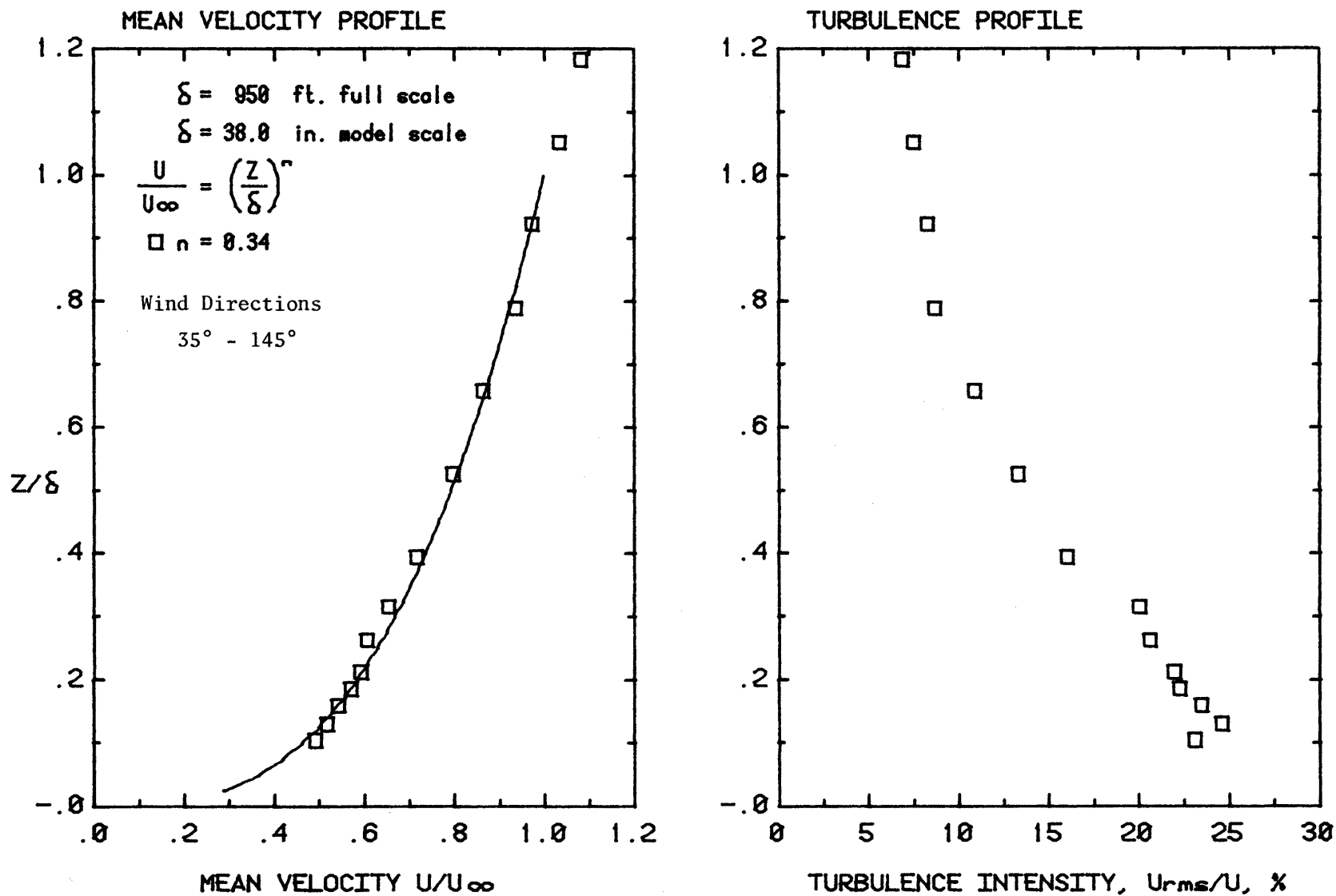


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

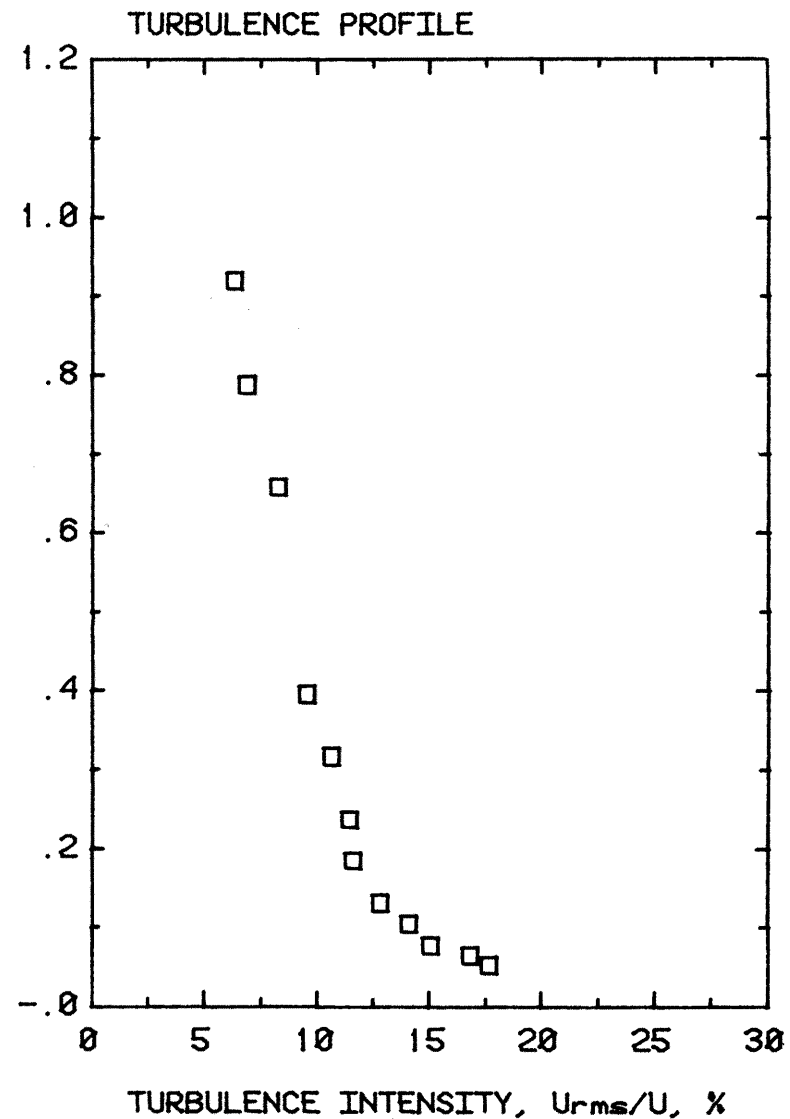
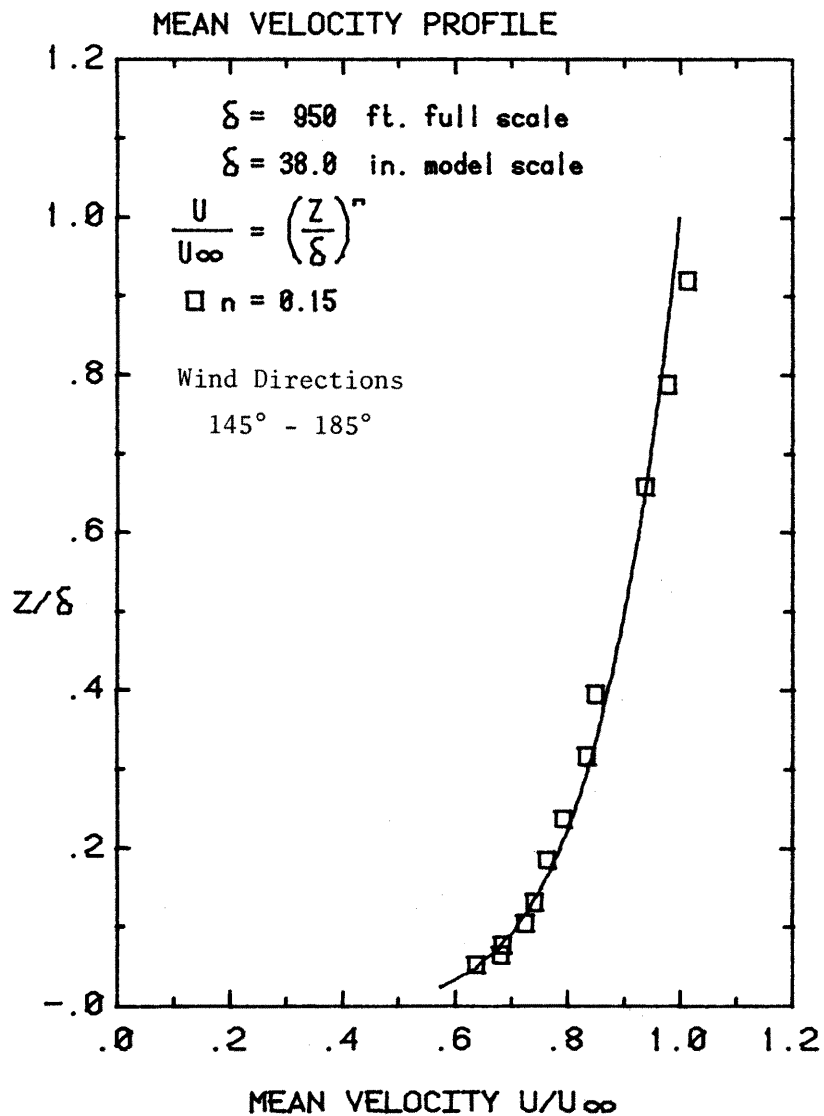


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

FIGURE 8

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

FIGURE 9

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

NORTH ELEVATION
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

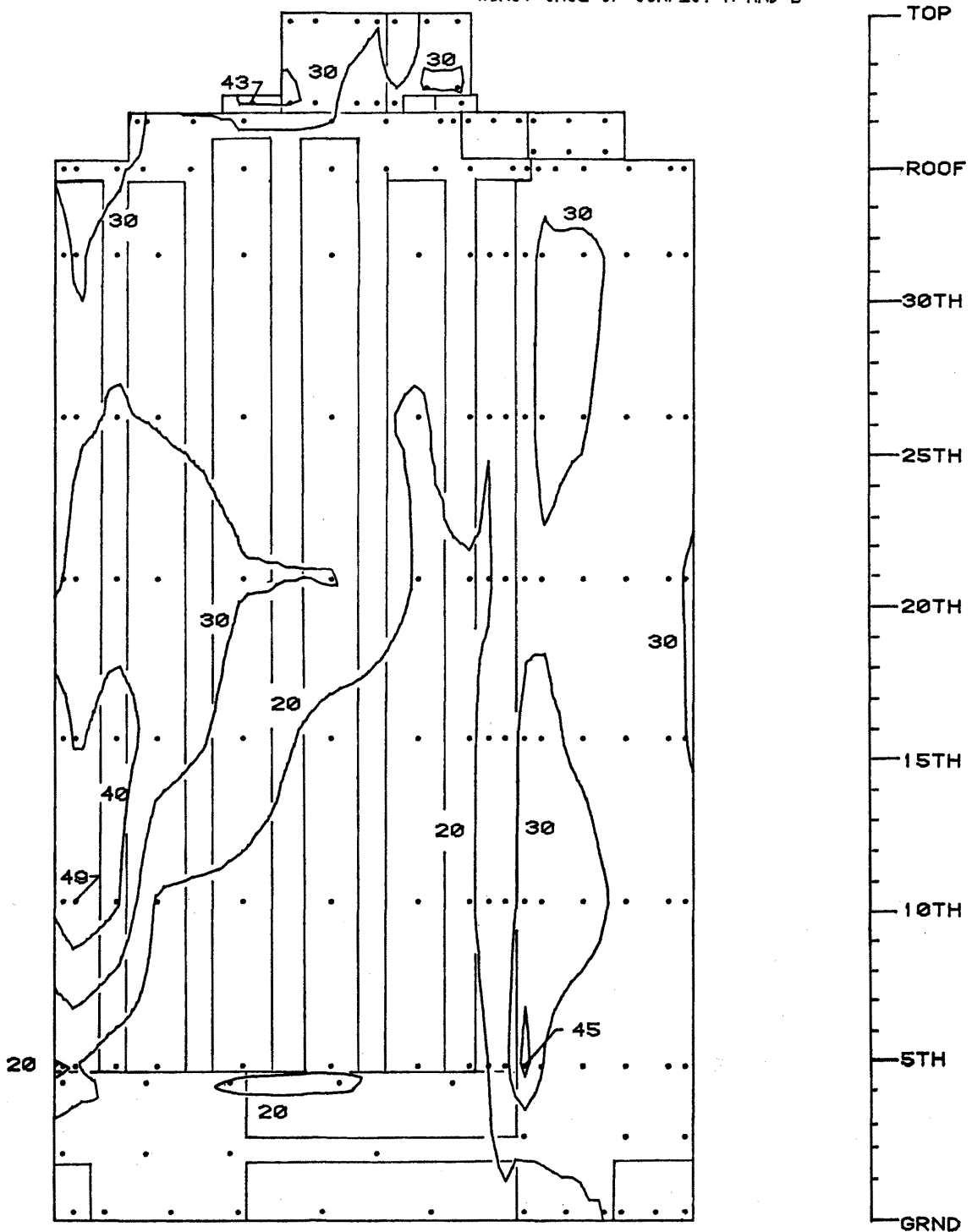


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

WEST ELEVATION
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

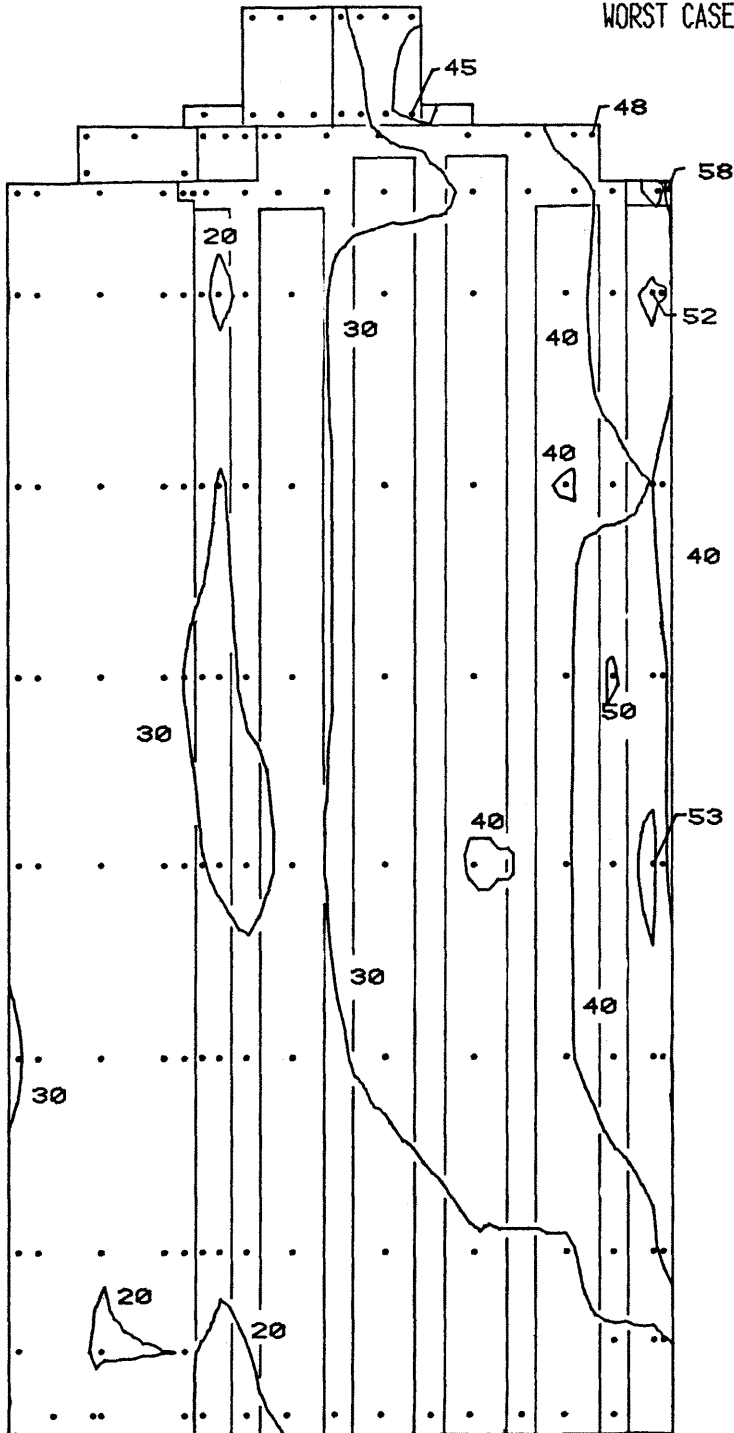


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

SOUTH ELEVATION
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

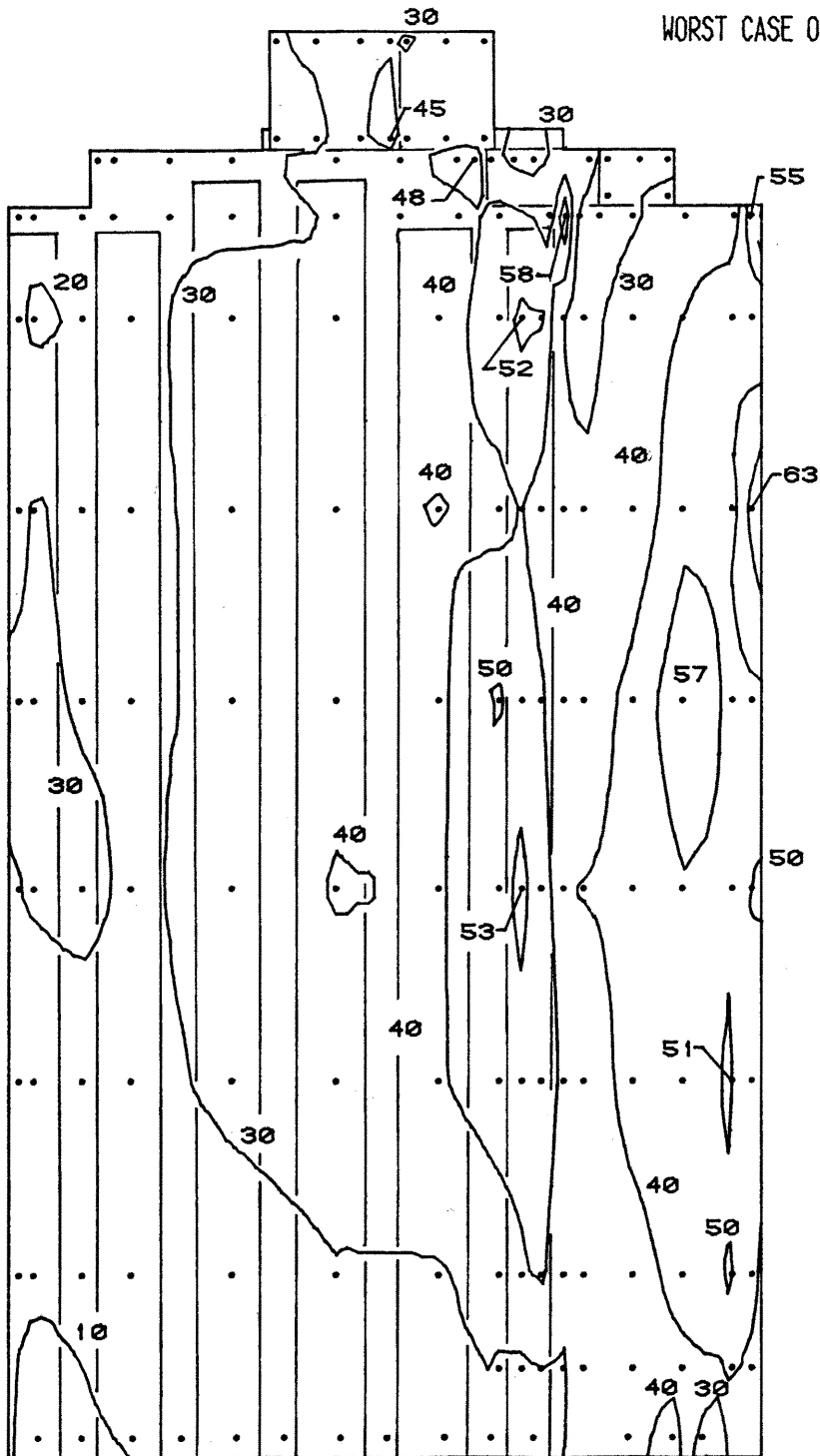


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

EAST ELEVATION
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 100-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

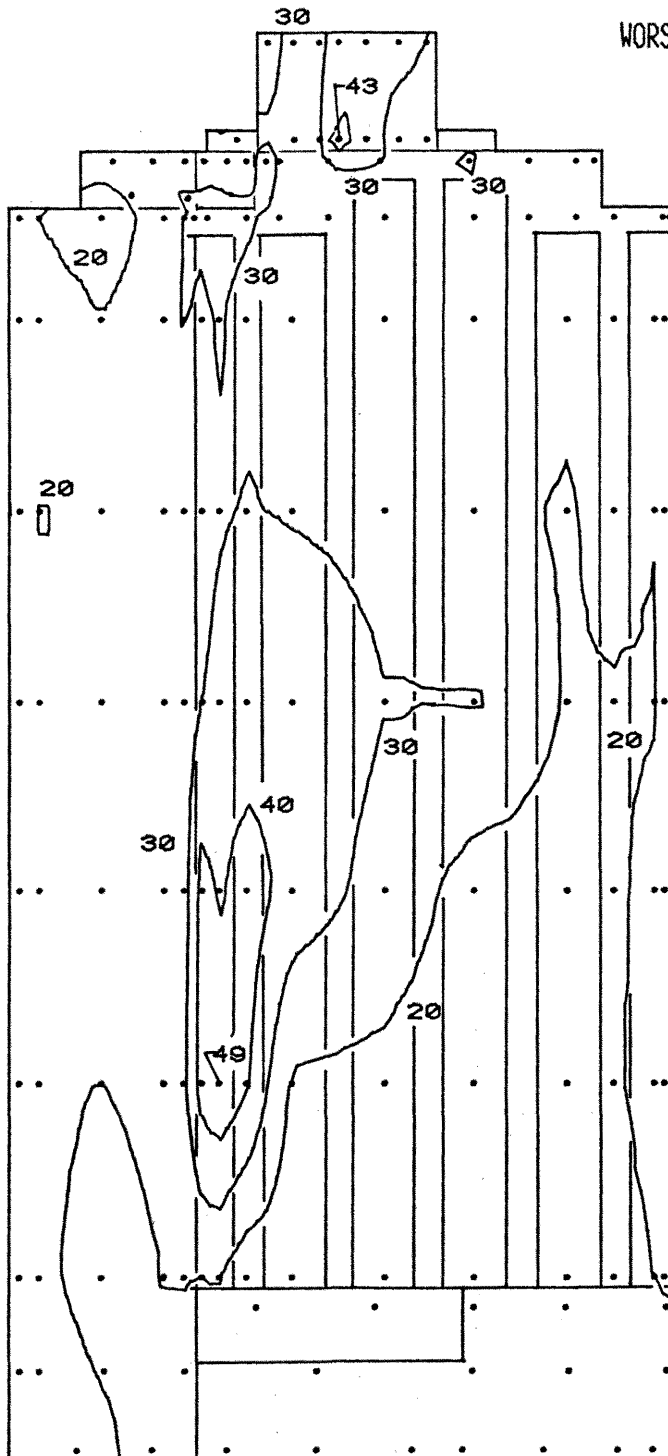
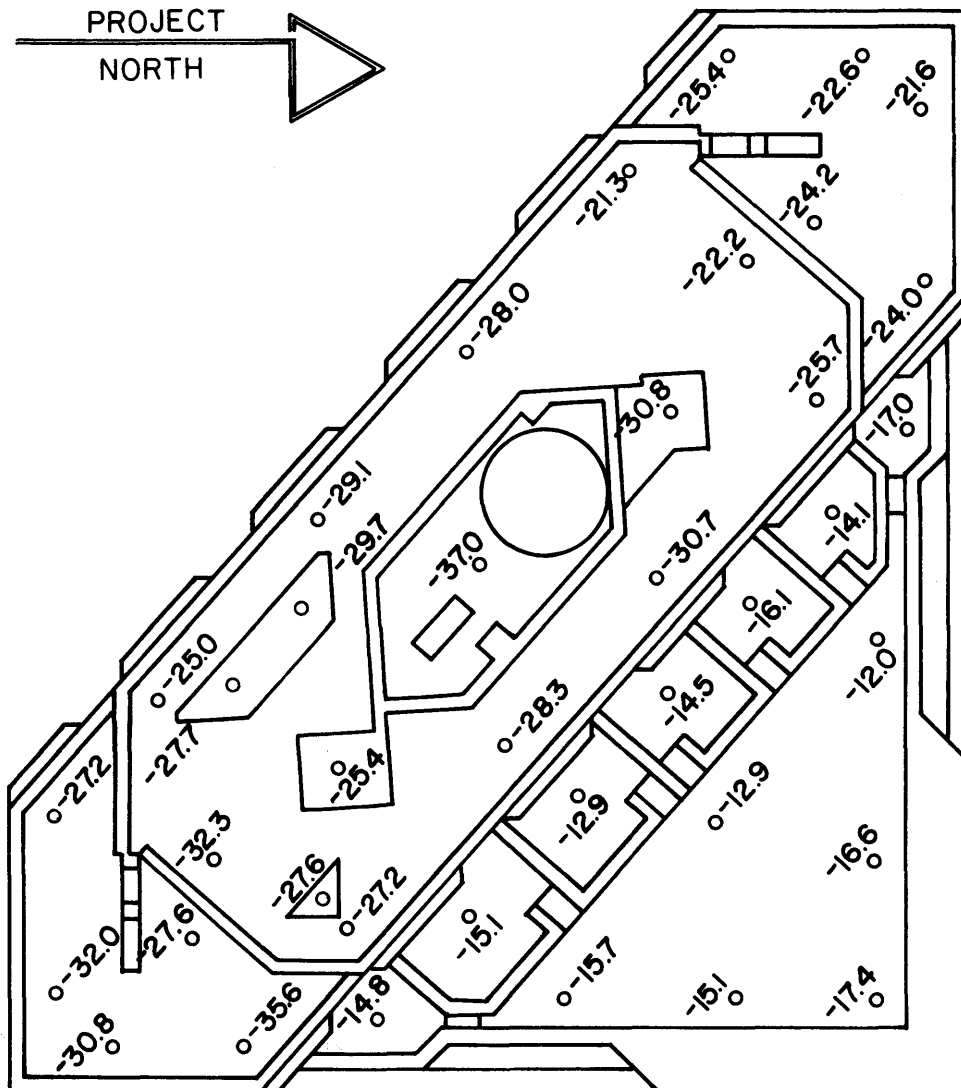


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads



ROOF PLAN
 NEGATIVE PEAK CLADDING LOADS (PSF) FOR 100 YEAR
 RECURRENCE WIND
 REFERENCE PRESSURE = 38 PSF WITH WIND DIRECTIONALITY

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

WEST ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

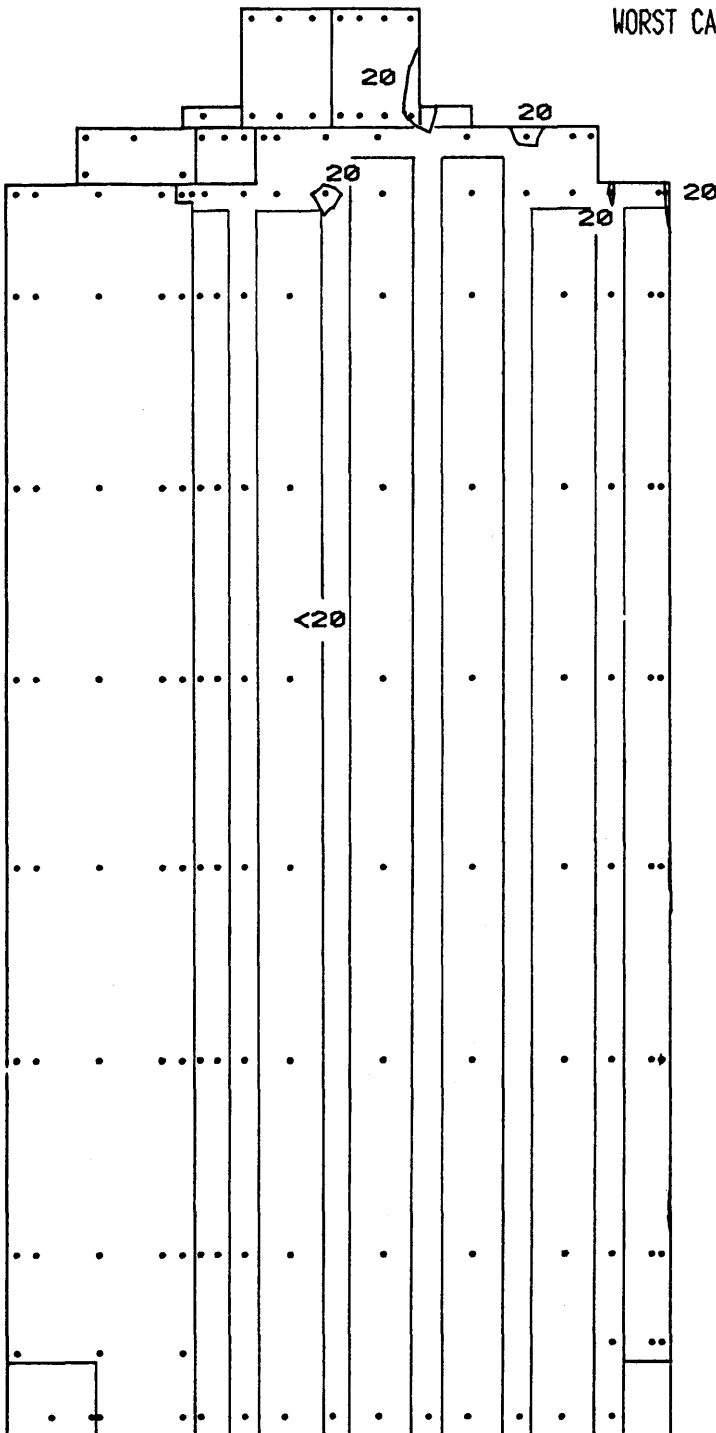


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads

SOUTH ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

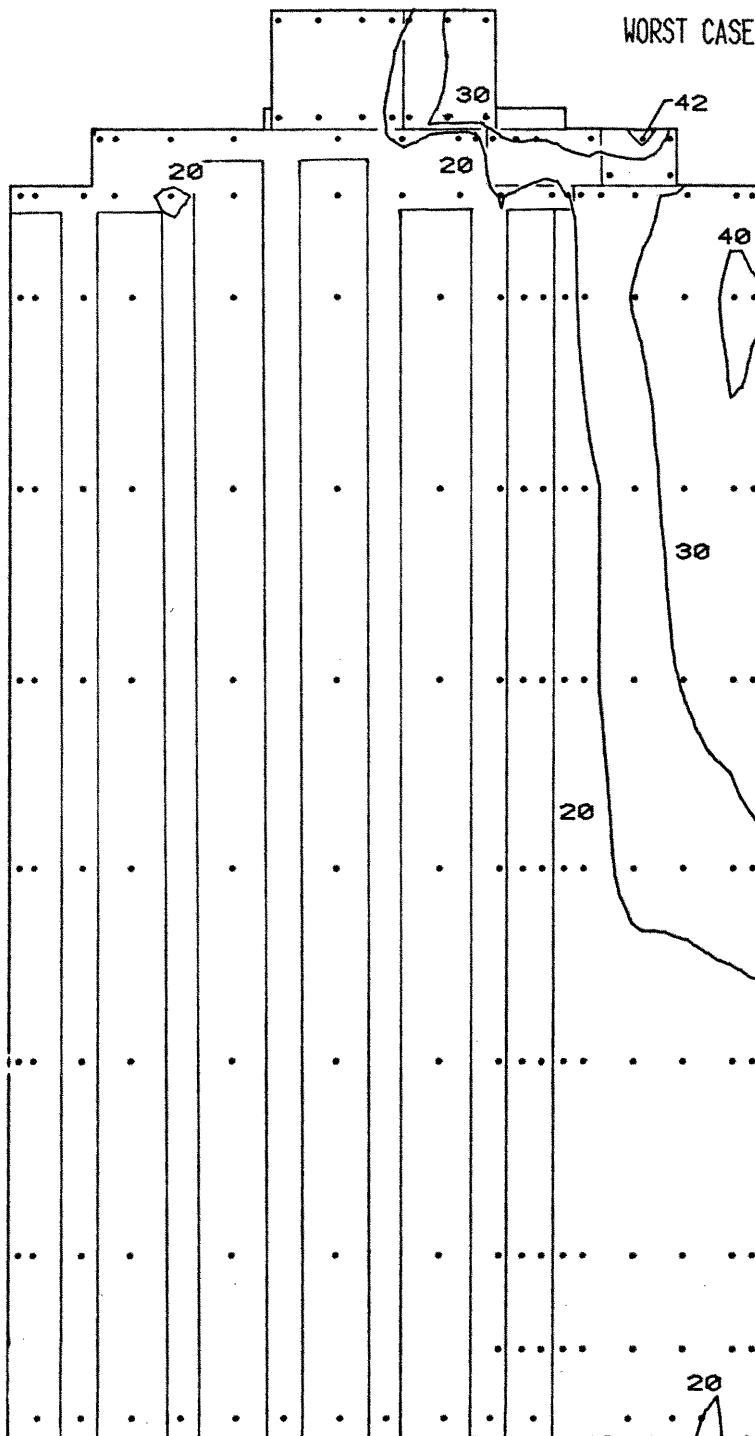


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

EAST ELEVATION
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 38 PSF

WORST CASE OF CONFIG. A AND B

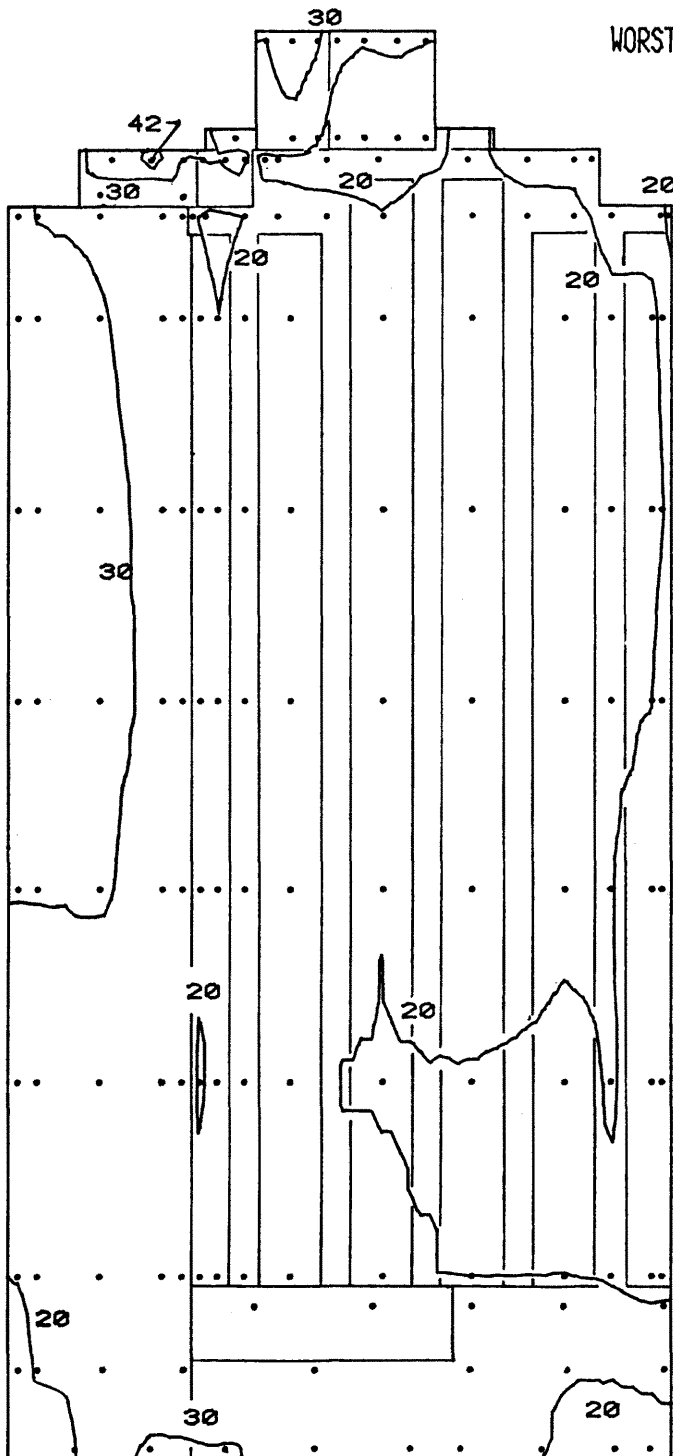
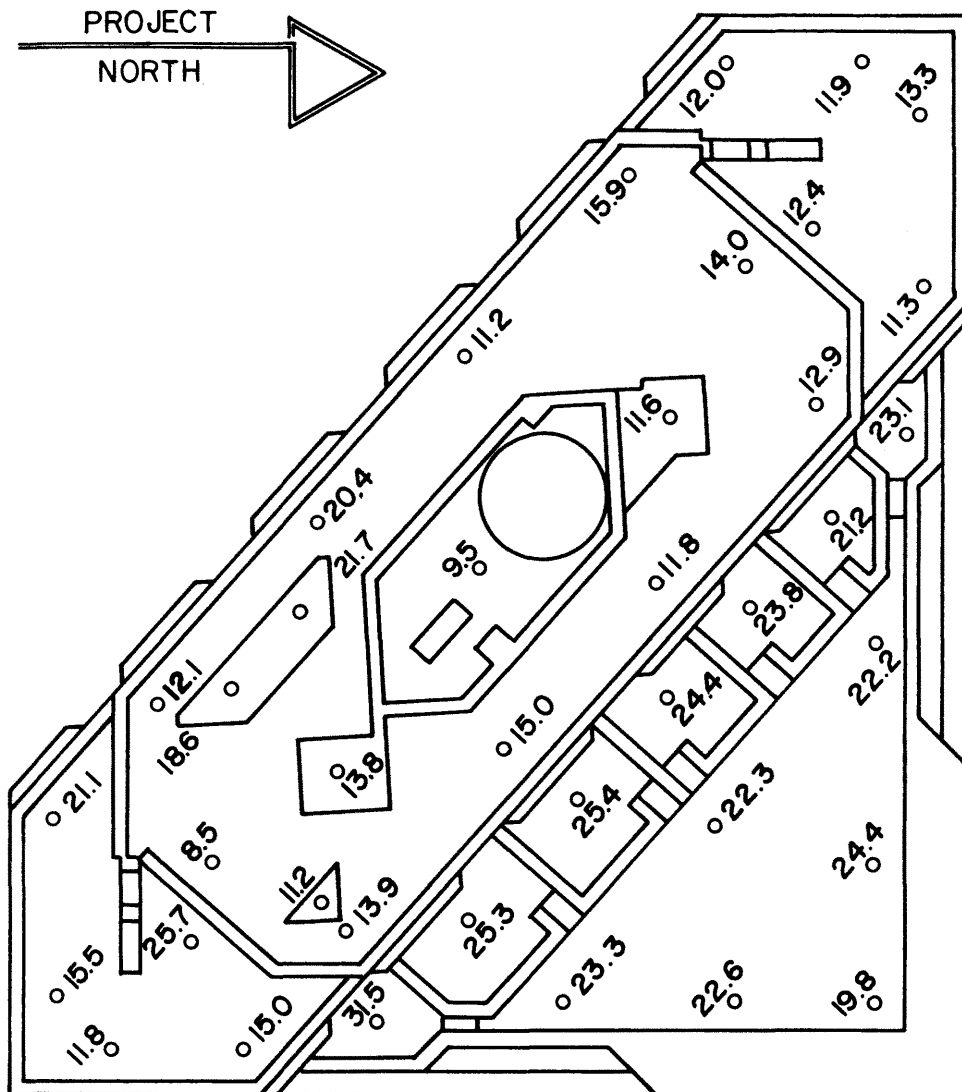


Figure 10i. Peak Pressure Contours on the Building for Cladding Loads



ROOF PLAN

POSITIVE PEAK CLADDING LOADS (PSF) FOR 100 YEAR
RECURRENCE WIND

REFERENCE PRESSURE = 38 PSF WITH WIND DIRECTIONALITY

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN

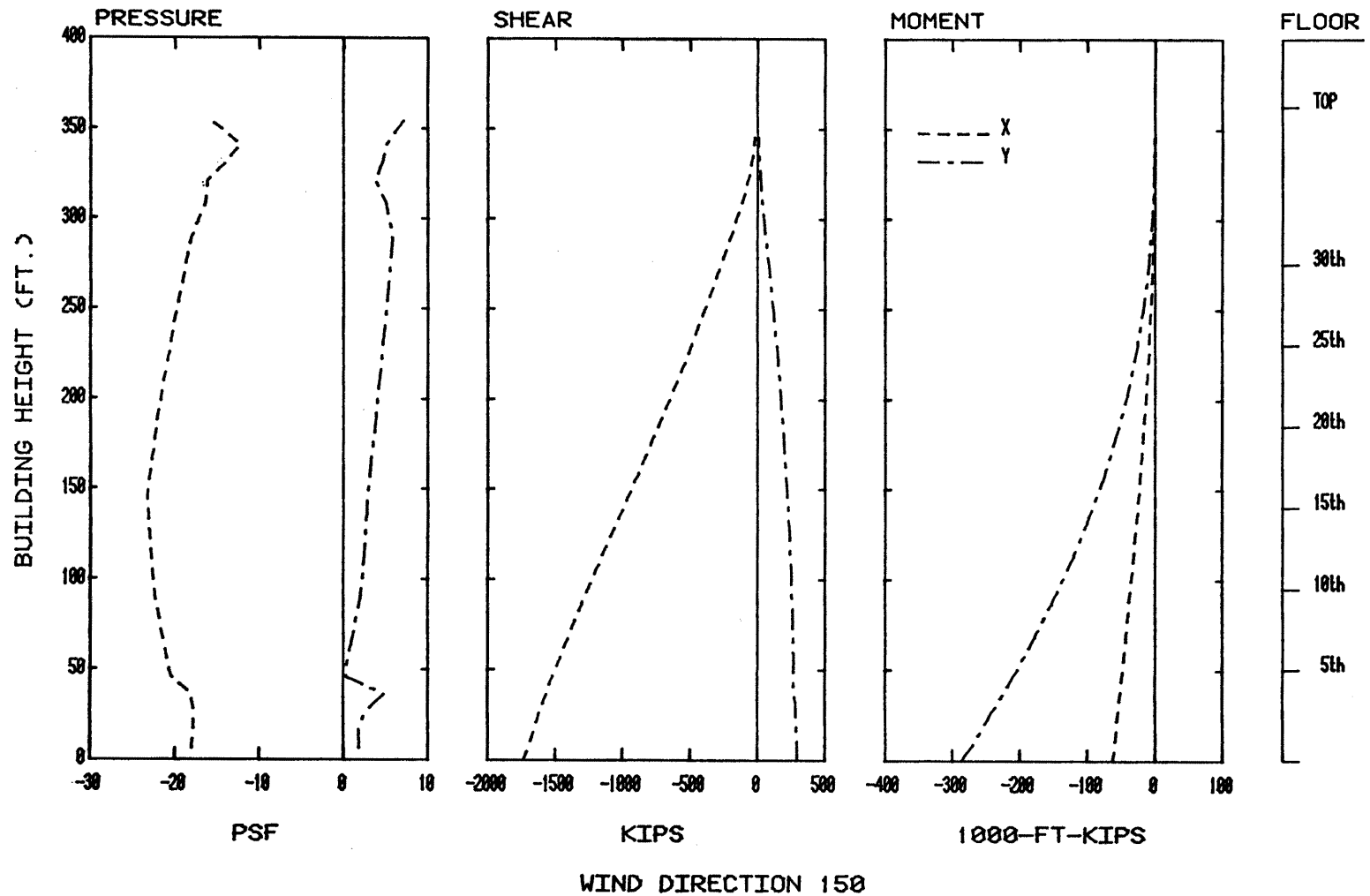


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN

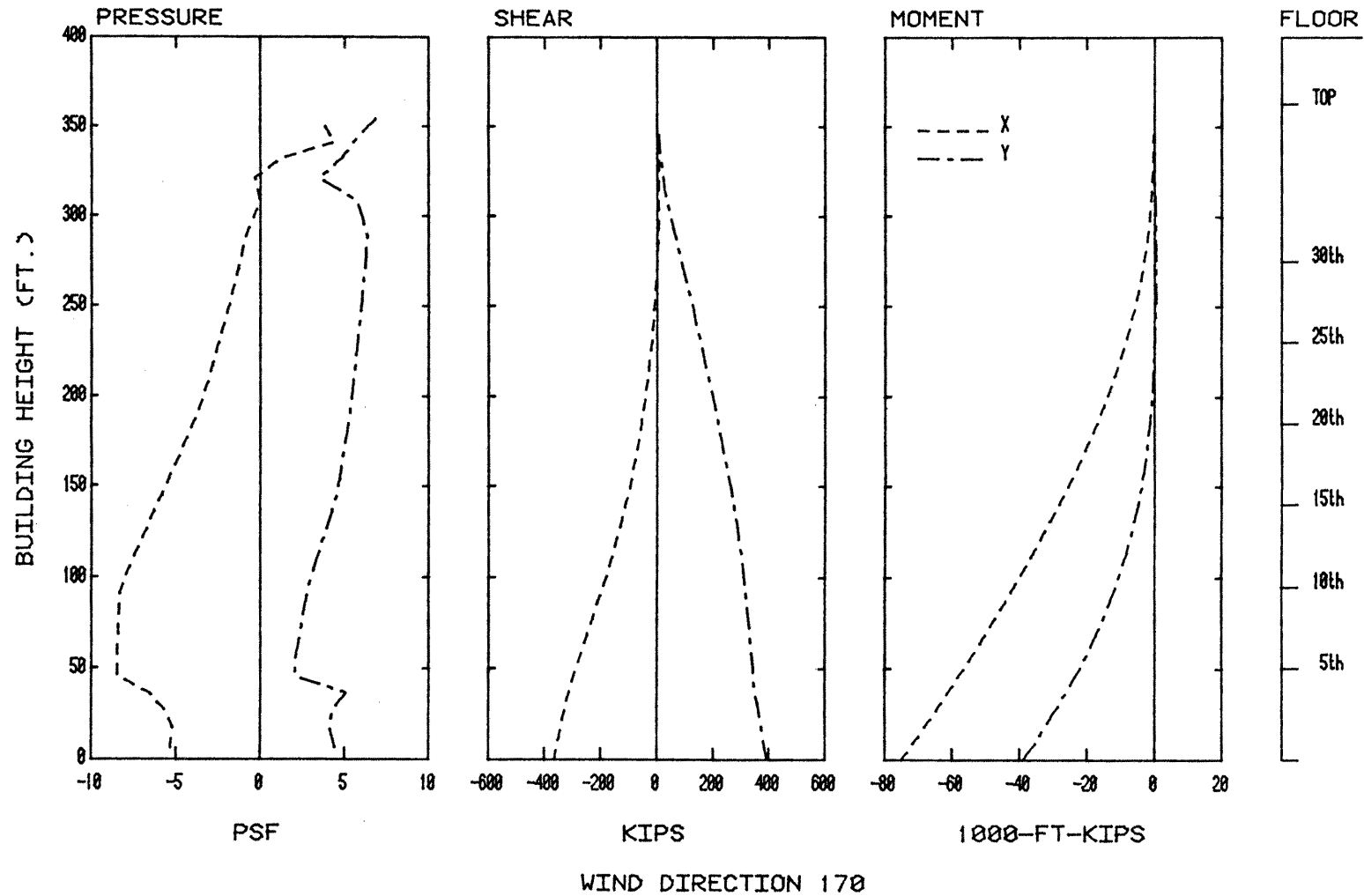


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT

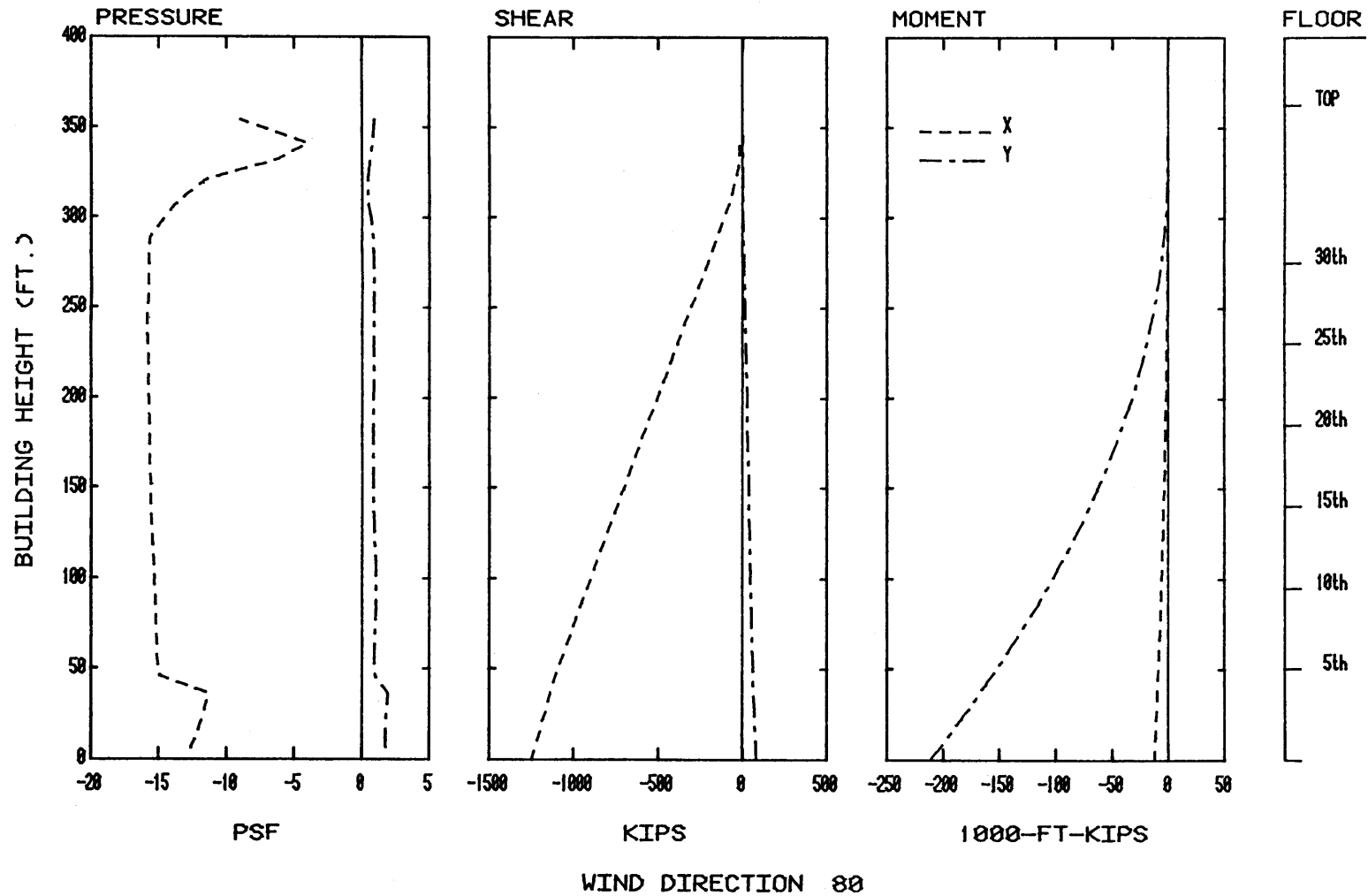


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT

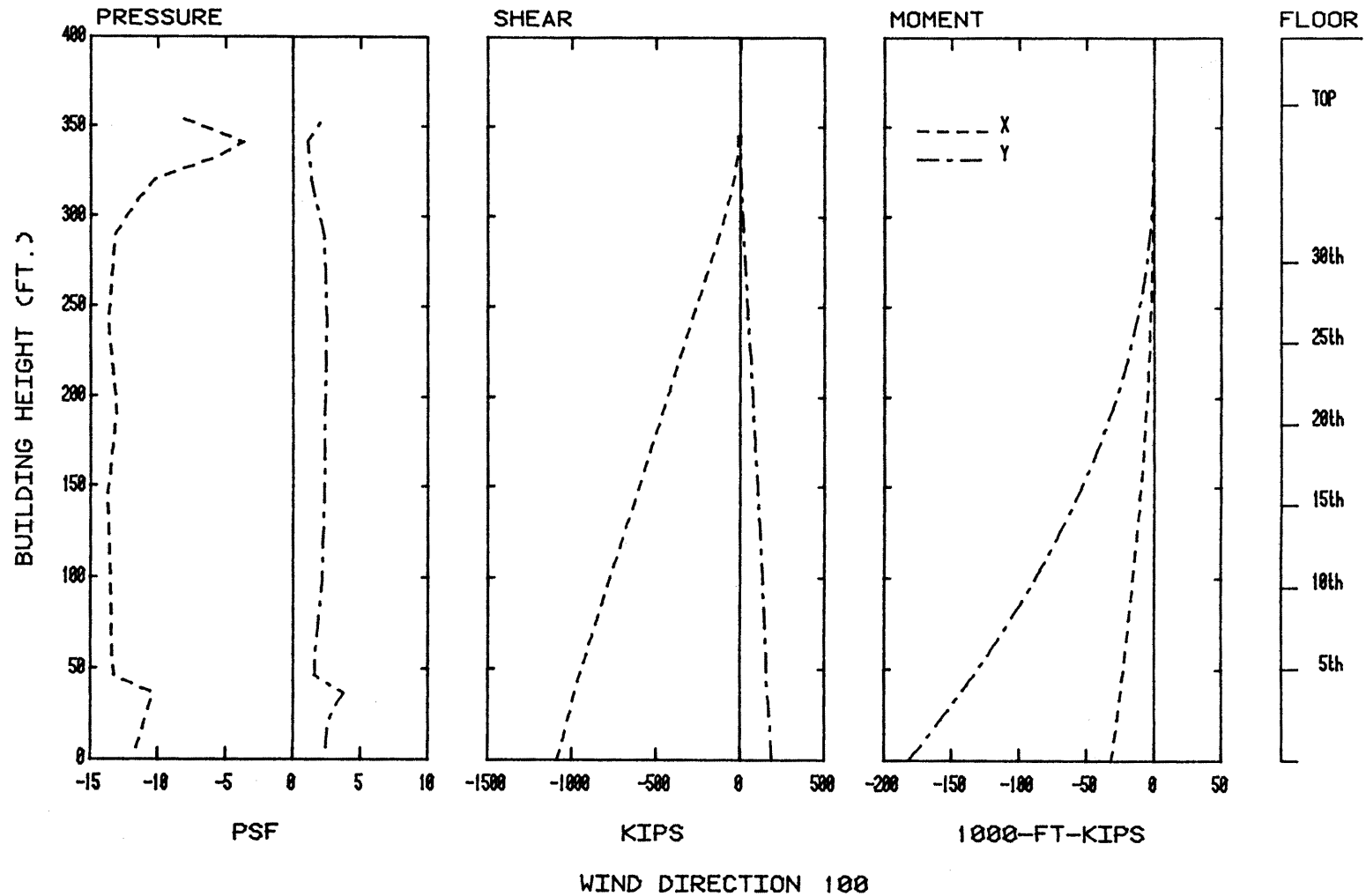


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

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

MANHATTAN PLACE, NEW YORK CITYHIGH PRESSURE AREAS

<u>Run No.</u>	<u>Tap No.</u>	<u>Wind Direction</u>
1	113	320°
2	476	150°
3	246	260°

PEDESTRIAN AREA HIGH WIND VELOCITIES

4	Flow on plaza at south corner of building	135°
---	--	------

All runs are "A" configuration

TABLE 2

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

TABLE 3

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

TABLE 4

Pedestrian wind velocities, which are normally obtained in a study of this type and reported within this standard report structure, were not obtained during this study at the sponsor's request.

WIND DIRECTION	GRADIENT MEAN WIND SPEED (WS) MPH	GRADIENT LEVEL LOAD RATIO (WS/90) ²	LOAD RATIO FOR REFERENCE PRESSURE AT 950 FT
N (0°)	94	0.61	0.39
NNE	96	0.63	0.40
NE	109	0.81	0.59
ENE	119	0.97	0.71
E (90°)	114	0.89	0.65
ESE	119	0.97	0.71
SE	121	1.00	0.73
SSE	115	0.90	0.90
S (180°)	118	0.95	0.95
SSW	109	0.81	0.52
SW	94	0.60	0.38
WSW	96	0.63	0.40
W (270°)	100	0.68	0.43
WNW	108	0.80	0.51
NW	103	0.72	0.46
NNW	94	0.61	0.39

3. Gust load factors to convert hourly mean integrated load to mean load for various gust durations (see Section 4.3):

<u>GUST DURATION, SEC</u>	<u>GUST LOAD FACTOR</u>
10 - 15	$(1.40)^2 = 1.96$
30	$(1.32)^2 = 1.74^{***}$
45	$(1.26)^2 = 1.59$

*** Used for calculations of Table 7.

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE = 38.0 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
101	170	-.99	-35.8	22.5	149	110	-.85	-22.9	20.3	197	100	-1.13	-27.8	14.3
102	170	-1.02	-36.7	18.4	150	150	-.69	-23.4	16.5	198	150	-.82	-28.1	15.3
103	180	-.94	-34.1	20.4	151	300	-1.37	-26.5	16.4	199	140	-.89	-30.5	11.2
104	180	-.83	-29.9	17.8	152	160	-.83	-28.3	24.6	200	180	-1.24	-44.6	20.9
105	150	-1.13	-38.8	14.1	153	170	-.86	-31.2	20.0	201	180	-1.07	-38.7	21.6
106	150	-.81	-27.7	12.7	154	160	-.80	-27.4	21.6	202	170	-1.26	-45.3	24.5
107	150	-.79	-26.9	16.1	155	180	-.75	-26.9	21.6	203	180	-1.02	-36.7	24.7
108	160	-1.27	-43.4	15.0	156	50	1.10	-23.5	24.7	204	180	-.73	-26.3	20.4
109	180	-1.02	-36.9	12.4	157	180	-.82	-29.8	26.0	205	60	1.09	-16.0	29.3
110	180	-.68	-24.4	13.5	158	60	.91	-22.4	24.4	206	60	.72	-16.5	19.3
111	150	-.79	-27.0	12.4	159	180	-.67	-24.3	22.3	207	60	.70	-18.7	18.8
112	150	-.91	-31.1	15.3	160	170	-.57	-20.7	16.6	208	150	-.66	-22.7	12.6
113	290	-1.63	-31.5	13.3	161	170	-.63	-22.7	14.7	209	150	-.73	-24.9	12.6
114	180	-1.19	-43.0	14.3	162	90	-1.14	-28.1	15.6	210	120	-1.22	-32.8	11.9
115	150	-.83	-28.4	11.9	163	90	-1.10	-27.2	17.8	211	70	-1.18	-32.0	13.2
116	170	-.79	-28.5	12.0	164	120	-1.25	-33.7	19.9	212	100	-1.16	-28.5	16.0
117	170	-1.00	-36.2	18.0	165	110	-1.00	-27.1	19.1	213	140	-.71	-24.3	14.0
118	170	-.81	-29.1	19.9	166	150	-.74	-25.3	19.7	214	150	-.76	-26.0	12.8
119	180	-.83	-29.9	16.9	167	110	-.96	-26.0	14.9	215	110	-1.10	-29.7	13.0
120	180	-.84	-30.4	17.5	168	170	-.73	-26.4	21.6	216	170	-1.24	-44.9	19.6
121	180	-.84	-30.3	19.3	169	150	-.85	-29.2	22.0	217	170	-1.35	-48.7	21.0
122	180	-.76	-27.4	17.7	170	180	-.86	-31.0	23.7	218	170	-1.17	-42.1	21.8
123	180	-.67	-24.1	13.6	171	170	-.82	-29.6	24.4	219	140	-.60	-18.6	20.4
124	180	-.67	-24.3	15.1	172	170	-.76	-27.4	23.7	220	60	.69	-17.6	18.6
125	150	-.78	-26.9	16.3	173	180	-.62	-22.4	21.0	221	70	.62	-15.4	16.6
126	120	-.93	-25.7	18.9	174	60	-.83	-19.4	22.3	222	90	.62	-14.9	15.3
127	160	-.79	-27.1	16.8	175	170	-.64	-23.0	20.6	223	150	-.56	-19.3	14.7
128	160	-.78	-26.8	15.1	176	140	-.60	-20.4	17.0	224	170	-.63	-22.7	14.5
129	150	-.64	-21.9	13.0	177	150	-.69	-23.6	16.3	225	150	-.74	-25.2	11.2
130	150	-.67	-23.0	16.1	178	80	-1.07	-26.4	16.4	226	150	-.99	-33.8	12.3
131	70	-.90	-24.2	10.7	179	100	-1.33	-32.9	19.9	227	150	-.98	-33.5	11.3
132	150	-.68	-23.4	13.2	180	100	-1.10	-27.1	16.4	228	150	-1.00	-34.3	12.1
133	150	-.66	-22.5	14.7	181	120	-.96	-26.0	16.7	229	150	-.81	-27.9	14.1
134	160	-.93	-31.9	18.3	182	150	-.74	-25.1	16.3	230	150	-.78	-26.5	12.5
135	150	-.96	-32.9	18.2	183	110	-.97	-26.1	15.6	231	150	-.73	-25.0	13.4
136	170	-.88	-31.6	20.1	184	170	-.84	-30.3	21.2	232	150	.62	-19.8	21.3
137	170	-.78	-28.1	21.0	185	170	-.93	-33.5	23.8	233	150	.68	-20.6	23.3
138	180	-.74	-26.6	21.5	186	170	-.96	-34.7	23.3	234	150	.66	-13.5	22.6
139	170	-.74	-26.6	20.4	187	180	-1.04	-37.5	22.7	235	150	.67	-14.8	22.8
140	180	-.72	-26.1	23.9	188	180	-.85	-30.8	21.6	236	160	.63	-13.8	21.4
141	180	-.75	-27.2	20.2	189	180	-.85	-30.8	22.3	237	60	.72	-14.5	19.4
142	180	-.66	-23.8	17.4	190	180	-.55	-19.7	18.5	238	70	.75	-14.8	20.3
143	180	-.57	-20.7	15.6	191	50	.97	-19.5	21.6	239	150	-.51	-17.5	14.3
144	180	-.61	-22.0	14.8	192	170	-.54	-19.5	14.7	240	150	-.59	-20.0	13.0
145	180	-.63	-22.8	14.3	193	150	-.70	-23.8	14.5	241	150	-.77	-26.4	12.3
146	90	-1.26	-31.0	14.7	194	100	-1.12	-27.6	13.4	242	150	-1.32	-45.0	10.4
147	170	-.71	-25.8	17.0	195	90	-1.17	-28.9	15.0	243	150	-.89	-30.4	10.5
148	100	-.92	-22.7	15.8	196	100	-1.08	-26.6	15.8	244	150	-.72	-24.7	12.7

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE = 38.0 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 ----	----
245	150	-.80	-27.2	11.4	324	120	.92	-23.2	24.7	401	150	-.85	-29.2	13.9
246	260	-1.66	-27.1	14.2	325	170	.94	-26.9	33.9	402	150	-.94	-32.2	14.4
247	150	-.68	-23.1	15.7	326	150	1.00	-18.8	34.0	403	150	-1.13	-38.7	14.1
248	70	-.80	-21.5	16.4	327	140	.97	-19.9	33.2	404	170	-1.10	-39.6	18.4
249	100	-.81	-19.9	16.6	328	150	.78	-22.2	26.6	405	150	-.87	-29.7	19.9
250	170	-.58	-20.9	15.4	329	150	.73	-22.7	24.8	406	150	-1.07	-36.5	30.0
251	150	-.59	-20.1	16.6	330	160	.94	-23.8	32.1	407	150	-.94	-32.1	31.2
252	120	-.71	-19.2	15.8	331	150	.98	-21.8	33.7	408	150	-.81	-27.7	13.0
253	170	-.51	-18.4	18.2	332	160	.94	-15.0	32.1	409	140	-.79	-26.9	15.7
254	170	-.47	-16.1	16.8	333	150	.85	-20.8	29.0	410	160	-1.13	-38.7	15.6
255	170	-.48	-17.2	14.0	334	60	-.99	-26.6	23.6	411	170	-1.25	-45.2	21.9
256	170	-.54	-19.5	13.9	335	170	.83	-23.0	30.1	412	150	-1.02	-35.0	29.5
257	150	-.63	-21.4	15.3	336	160	.88	-28.1	30.1	413	150	-1.00	-34.1	31.0
258	150	-.52	-17.9	12.7	337	150	.91	-17.4	31.1	414	180	1.03	-36.3	37.2
259	290	-1.32	-25.6	13.1	338	140	.78	-23.5	26.8	415	150	-.80	-27.4	11.8
260	150	.58	-13.8	19.7	339	180	-.68	-24.5	23.8	416	150	-.78	-26.5	17.4
261	170	.51	-14.0	18.4	340	170	.64	-21.0	23.1	417	150	-.79	-27.0	13.2
262	140	.54	-14.7	18.4	341	160	.77	-22.2	26.3	418	160	-.85	-29.0	15.5
263	180	-.44	-16.0	14.1	342	150	.77	-20.1	26.2	419	150	-.96	-32.8	19.5
264	150	-.59	-20.1	15.8	343	150	.79	-20.3	27.0	420	150	-1.07	-36.5	20.4
265	170	-.50	-17.7	17.9	344	150	.70	-23.9	24.0	421	150	-1.37	-46.8	14.5
266	140	-.56	-19.0	15.0	345	150	-.69	-23.8	20.7	422	160	-1.40	-47.9	13.9
267	290	-1.04	-20.2	14.2	346	150	-.67	-23.1	21.3	423	160	-.90	-30.9	26.3
268	120	-.83	-22.3	13.9	347	170	.68	-15.2	24.6	424	180	-.89	-27.5	32.1
269	140	-.75	-25.5	15.9	348	170	.73	-16.3	26.2	425	180	-.86	-26.6	31.2
301	180	-.95	-34.2	30.4	349	150	.72	-16.6	24.8	426	140	-1.14	-39.1	34.4
302	150	1.09	-27.1	37.3	350	150	.76	-12.5	26.0	427	140	-.72	-24.5	15.0
303	150	.93	-25.3	31.7	351	150	.78	-13.3	26.8	428	150	-.69	-23.6	13.5
304	150	-.86	-29.5	24.8	352	150	.79	-13.7	27.0	429	150	-.71	-24.2	15.0
305	170	-.77	-27.9	26.4	353	160	.68	-15.4	23.2	430	140	-.73	-24.8	16.1
306	180	-.78	-28.2	21.3	354	150	.65	-15.3	22.4	431	150	-.83	-28.4	22.0
307	150	1.08	-22.7	36.9	355	150	-.72	-24.7	17.2	432	150	-.79	-27.0	16.4
308	170	1.16	-23.2	41.8	356	150	-.80	-27.2	21.3	433	150	-.90	-30.9	15.4
309	160	.87	-24.6	29.8	357	170	.59	-19.0	21.4	434	150	-.92	-31.5	16.8
310	150	.91	-28.7	31.0	358	170	.68	-14.6	24.7	435	150	-1.02	-35.0	16.0
311	150	.98	-27.9	33.4	359	170	.57	-14.8	20.4	436	160	-1.30	-44.5	20.9
312	150	1.01	-24.7	34.5	360	150	.67	-12.4	23.0	437	160	-1.10	-37.7	14.7
313	140	-.70	-23.9	21.4	361	170	.55	-11.9	20.0	438	180	-1.61	-58.3	20.4
314	150	-1.02	-34.8	21.4	362	150	.62	-15.8	21.3	439	140	-.71	-24.4	20.6
315	150	1.01	-25.4	34.6	363	150	-.80	-27.4	20.0	440	140	-.69	-23.7	23.1
316	150	.87	-19.9	29.7	364	150	.93	-14.8	31.8	441	120	-1.07	-28.8	27.8
317	140	.84	-15.6	28.9	365	170	.84	-15.4	30.3	442	140	-1.06	-36.3	32.4
318	150	.74	-18.8	25.3	366	150	.62	-12.0	21.3	443	180	1.06	-33.0	38.2
319	50	-1.08	-24.3	23.2	367	140	.63	-11.0	21.5	444	150	-1.61	-55.0	36.9
320	150	1.06	-23.6	36.2	368	150	.67	-12.0	22.8	445	150	-.67	-22.8	15.3
321	160	1.05	-24.7	36.1	369	150	.60	-11.3	20.5	446	150	-.52	-17.6	13.7
322	150	.91	-14.9	31.0	370	180	.50	-13.0	18.2	447	140	-.65	-22.1	16.0
323	140	.75	-23.0	25.5	371	150	.55	-17.0	18.8	448	150	-.76	-26.1	15.0

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE = 38.0 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	
449	150	-1.09	-37.2	13.5	497	150	-1.03	-35.4	16.5	545	150	-.96	-32.8	13.5
450	150	-.91	-31.0	16.4	498	160	-1.20	-40.9	15.4	546	150	-1.04	-35.4	14.1
451	160	-1.02	-34.9	16.1	499	160	-1.16	-39.6	15.9	547	150	-1.11	-37.9	12.8
452	160	-1.35	-46.3	16.7	500	150	-1.33	-45.4	16.6	548	150	-1.18	-40.3	12.3
453	170	-1.45	-52.5	14.9	501	170	-1.48	-53.4	13.0	549	150	-1.14	-39.0	11.4
454	170	-1.39	-50.2	14.2	502	180	-1.22	-44.1	11.4	550	110	-.57	-15.4	12.3
455	170	-.84	-30.3	14.7	503	150	-1.03	-35.3	13.0	551	150	-.55	-18.8	12.9
456	140	-.76	-26.0	24.0	504	150	-1.18	-40.2	14.9	552	120	-.78	-20.9	14.6
457	140	-1.07	-36.6	31.1	505	150	-1.26	-43.1	23.9	553	150	-.69	-23.5	13.4
458	140	-1.17	-40.0	34.4	506	150	-1.45	-49.5	25.1	554	150	-.77	-26.2	14.2
459	150	-1.42	-48.7	42.9	507	150	-1.44	-49.2	26.7	555	150	-.78	-26.7	19.2
460	150	-1.25	-42.9	41.4	508	150	-1.45	-49.6	27.5	556	150	-.75	-25.6	14.2
461	150	-.75	-25.7	13.7	509	140	-.77	-26.2	17.2	557	150	-.87	-29.7	16.3
462	150	-.93	-31.9	14.5	510	170	-.66	-23.7	14.2	558	140	-.80	-27.3	16.1
463	150	-.77	-26.2	13.9	511	150	-.68	-23.4	17.1	559	150	-.83	-28.4	13.8
464	150	-.83	-28.3	13.7	512	150	-.78	-26.8	13.8	560	150	-.82	-28.1	16.7
465	160	-.95	-32.4	18.1	513	160	-.95	-32.6	13.9	561	150	-1.02	-34.9	19.3
466	150	-1.00	-34.3	15.4	514	150	-1.05	-36.0	14.4	562	150	-1.32	-45.1	12.6
467	170	-1.11	-40.1	16.1	515	160	-1.14	-39.1	15.4	601	150	-.75	-25.7	15.6
468	170	-1.04	-37.6	14.2	516	160	-1.35	-46.0	14.9	602	150	-.77	-26.3	17.0
469	170	-1.12	-40.5	14.1	517	170	-1.28	-46.0	13.4	603	150	-.85	-29.2	16.3
470	170	-1.03	-37.1	16.0	518	160	-1.44	-49.1	10.0	604	150	-.71	-24.3	12.5
471	140	-.95	-32.3	14.3	519	150	-1.09	-37.4	12.0	605	150	-.82	-27.9	13.4
472	150	-.96	-32.7	17.8	520	150	-.96	-32.9	13.7	606	180	-.75	-27.1	16.9
473	140	-.94	-32.2	25.6	521	150	-1.30	-44.4	12.0	607	150	-.74	-25.2	13.1
474	150	-1.39	-47.4	34.8	522	150	-1.36	-46.6	11.5	608	150	-.77	-26.2	15.0
475	150	-1.43	-49.0	38.5	523	160	-1.50	-51.3	14.1	609	150	-.77	-26.4	16.6
476	150	-1.84	-62.8	37.2	524	150	-1.34	-45.8	14.7	610	140	-.71	-24.1	17.0
477	150	-.99	-33.0	13.2	525	150	-.76	-25.9	12.9	611	150	-.71	-24.4	16.4
478	150	-.97	-33.2	14.3	526	150	-.63	-21.7	13.3	612	150	-.73	-24.9	14.6
479	150	-.84	-28.8	16.5	527	150	-.65	-22.1	14.2	613	170	-.65	-23.4	13.3
480	150	-.84	-28.7	17.2	528	150	-.76	-25.9	14.7	614	150	-.69	-23.7	14.6
481	150	-.93	-31.9	13.2	529	140	-.74	-25.0	13.8	615	150	-.70	-24.1	13.6
482	150	-1.09	-37.1	17.1	530	150	-.86	-29.3	16.1	616	150	-.65	-22.2	15.3
483	170	-1.06	-38.3	18.0	531	150	-.86	-29.3	14.2	617	150	-.81	-27.6	13.6
484	150	-1.46	-50.0	17.0	532	150	-.99	-33.7	14.8	618	150	-.72	-24.7	17.2
485	170	-1.20	-43.4	14.4	533	160	-1.12	-38.5	12.4	619	150	-.85	-29.1	17.7
486	170	-1.15	-41.4	14.1	534	160	-1.23	-42.2	11.6	620	150	-.78	-26.8	17.1
487	130	-1.20	-33.3	15.6	535	150	-.93	-31.8	14.3	621	180	-.69	-24.8	12.6
488	140	-.98	-33.7	18.3	536	150	-1.03	-35.2	10.2	622	170	-.59	-21.5	12.9
489	150	-1.28	-43.6	25.5	537	150	-1.05	-35.9	12.5	623	150	-.71	-24.2	15.1
490	150	-1.68	-57.3	30.9	538	150	-1.28	-43.8	13.6	624	150	-.69	-23.6	15.2
491	150	-1.42	-48.4	34.4	539	150	-1.45	-49.6	10.9	625	150	-.73	-24.8	13.1
492	150	-1.41	-48.2	37.9	540	150	-1.25	-42.8	13.9	626	150	-.70	-24.0	12.0
493	150	-.87	-29.9	14.3	541	150	-.86	-29.4	14.1	627	150	-.62	-21.0	11.4
494	150	-.92	-31.6	14.8	542	150	-.84	-28.6	15.1	628	150	-.66	-22.5	14.1
495	150	-1.00	-34.3	13.8	543	150	-.87	-29.8	13.9	629	150	-.71	-24.1	12.6
496	150	-.81	-27.8	13.2	544	150	-.86	-29.6	13.1	630	150	-.91	-31.0	12.2

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE = 38.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
631	150	-.65	-22.3	11.7	803	150	-.81	-27.7	15.6	918	150	-1.04	-35.6	15.0
632	150	-.74	-25.2	12.6	804	150	-.84	-28.6	14.2	919	170	-.75	-27.2	13.9
633	150	-.73	-24.9	17.5	805	290	-.95	-18.3	13.8	920	140	-.83	-28.3	15.0
634	150	-.73	-25.0	10.9	806	110	-.88	-23.8	17.8	921	170	-.85	-30.7	11.8
635	150	-.75	-25.6	15.1	807	140	-.57	-19.6	14.9	922	140	-.75	-25.7	12.9
636	150	-.93	-31.9	15.5	901	150	-.79	-27.2	21.1	923	150	-.70	-24.0	11.3
637	150	-.71	-24.1	13.6	902	180	-.69	-25.0	12.1	924	150	-.92	-14.8	31.5
638	170	-.64	-23.2	15.5	903	150	-.85	-29.1	20.4	925	70	-.94	-15.1	25.3
639	170	-.63	-22.8	13.5	904	150	-.82	-28.0	11.2	926	140	-.69	-12.9	23.7
640	110	-.93	-25.1	12.2	905	150	-.62	-21.3	15.9	927	70	-.90	-14.5	24.4
641	110	-.87	-23.6	11.9	906	150	-.74	-25.4	11.9	928	70	-.85	-16.1	22.9
642	150	-.87	-29.6	12.9	907	160	-.94	-32.0	15.5	929	60	-.79	-14.1	21.2
643	140	-.59	-20.3	15.5	908	170	-.89	-32.3	8.5	930	70	-.70	-17.0	18.9
644	150	-.77	-26.5	14.8	909	120	-.94	-25.4	13.8	931	60	-.86	-15.7	23.3
645	140	-.68	-23.3	12.6	910	150	-1.08	-37.0	9.5	932	140	-.65	-12.9	22.3
646	150	-.77	-26.4	16.3	911	150	-.90	-30.8	11.2	933	60	-.71	-12.0	19.3
647	150	-.56	-19.2	12.6	912	150	-.65	-22.2	14.0	934	140	-.55	-15.1	18.9
648	150	-.59	-20.3	16.7	913	150	-.71	-24.2	12.4	935	60	-.90	-16.6	24.4
649	140	-.59	-20.3	13.6	914	150	-.66	-22.6	11.9	936	150	-.58	-17.4	19.8
650	150	-.75	-25.7	14.1	915	150	-.63	-21.6	13.3	937	150	-.81	-27.6	11.2
651	140	-.75	-25.8	12.6	916	160	-.90	-30.8	11.8	938	150	-.81	-27.7	18.6
801	170	-.63	-13.0	22.7	917	150	-.81	-27.6	25.7	939	150	-.87	-29.7	21.7
802	150	-1.09	-37.4	13.5										

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE = 38.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
476	150	-1.84	-62.8	37.2
438	180	-1.61	-58.3	20.4
490	150	-1.68	-57.3	30.9
444	150	-1.61	-55.0	36.9
501	170	-1.48	-53.4	13.0
453	170	-1.45	-52.5	14.9
523	160	-1.50	-51.3	14.1
454	170	-1.39	-50.2	14.2
484	150	-1.46	-50.0	17.0
539	150	-1.45	-49.6	10.9
508	150	-1.45	-49.6	27.5
506	150	-1.45	-49.5	25.1
507	150	-1.44	-49.2	26.7
518	160	-1.44	-49.1	10.0
475	150	-1.43	-49.0	38.5

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BUILDING OUT
REFERENCE PRESSURE = 38.0 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	-----
101	70	.71	-11.5	19.2	149	100	-.72	-17.8	17.6	197	100	-.89	-21.9	16.7
102	90	.84	-12.8	20.8	150	100	-.84	-20.7	14.2	198	90	-.80	-19.7	11.6
103	60	.79	-11.0	21.3	151	100	-.75	-18.5	15.3	199	100	-.80	-19.7	9.3
104	50	.90	-12.2	20.3	152	80	.83	-14.1	20.5	200	100	.72	-13.8	17.9
105	70	-.84	-22.6	20.7	153	90	.69	-7.4	17.2	201	80	.85	-11.7	20.9
106	100	-.69	-17.0	16.3	154	100	.96	-7.8	23.7	202	60	.84	-6.9	22.6
107	60	.62	-16.1	16.8	155	100	.90	-6.9	22.2	203	60	.82	-7.1	22.1
108	70	-.76	-20.5	13.0	156	90	.92	-8.2	22.8	204	60	.72	-7.7	19.3
109	90	-.70	-17.2	13.8	157	50	1.07	-7.1	24.0	205	60	.78	-8.1	21.1
110	100	-.73	-18.0	15.4	158	60	.97	-9.7	26.0	206	70	.85	-8.0	23.0
111	60	-.70	-19.0	15.1	159	60	.82	-10.2	22.1	207	70	.76	-8.5	20.5
112	40	.94	-20.7	21.0	160	70	.81	-13.9	21.9	208	60	.63	-14.5	16.9
113	70	-.67	-18.2	13.8	161	50	.84	-15.1	18.9	209	100	-.75	-18.6	17.9
114	70	-.74	-19.9	14.6	162	100	-1.07	-26.3	20.0	210	100	-1.06	-26.2	13.2
115	100	-.95	-23.6	16.5	163	90	-1.26	-31.1	18.8	211	100	-1.06	-26.3	15.3
116	70	-.88	-23.8	12.0	164	100	-.98	-24.3	17.9	212	90	-.91	-22.5	15.2
117	100	.79	-12.7	19.6	165	100	-.80	-19.8	16.8	213	100	-.94	-23.3	13.2
118	100	.58	-14.1	14.4	166	100	-.64	-15.7	14.5	214	100	-.73	-17.9	13.6
119	70	.57	-13.5	15.5	167	90	-.63	-15.5	12.6	215	100	-1.02	-25.1	9.9
120	50	.76	-14.1	17.1	168	90	.80	-14.0	19.7	216	100	.62	-13.8	15.4
121	60	.80	-18.1	21.5	169	100	.92	-10.8	22.8	217	90	.71	-11.8	17.7
122	40	.77	-12.1	17.2	170	70	.93	-6.7	25.0	218	70	.71	-8.1	19.1
123	70	.69	-13.5	18.6	171	70	.76	-7.1	20.5	219	80	.67	-7.9	16.6
124	90	-.67	-16.5	16.0	172	70	.79	-8.8	21.3	220	70	.74	-6.3	19.9
125	70	-.83	-22.4	16.6	173	60	.79	-8.2	21.4	221	70	.71	-6.7	19.2
126	70	-.67	-18.0	16.3	174	60	.98	-6.9	26.4	222	70	.64	-7.9	17.3
127	70	-.72	-19.5	14.4	175	70	.80	-7.8	21.5	223	60	.77	-10.0	20.9
128	60	-.89	-24.0	11.3	176	60	.88	-13.7	23.7	224	60	.68	-12.9	18.4
129	70	-.71	-19.2	10.7	177	50	.93	-18.7	21.0	225	100	-.70	-17.3	16.1
130	70	-.67	-18.1	10.4	178	90	-1.07	-26.5	17.9	226	100	-1.00	-24.7	11.3
131	60	-.90	-24.2	10.1	179	90	-1.12	-27.6	19.6	227	90	-.91	-22.5	12.7
132	100	-.73	-19.7	9.5	180	80	-1.26	-31.1	18.6	228	100	-1.07	-26.3	12.3
133	100	-.70	-17.3	11.2	181	100	-.94	-23.3	17.4	229	100	-.79	-19.4	10.0
134	100	.88	-15.7	21.7	182	100	-.93	-23.0	12.6	230	100	-.72	-17.7	9.9
135	90	-.67	-16.4	15.1	183	100	-.77	-19.1	10.4	231	90	-.67	-16.5	8.7
136	80	.68	-11.3	16.8	184	80	.80	-15.4	19.8	232	60	-.60	-16.2	13.9
137	80	.87	-10.4	21.4	185	80	.95	-12.0	23.4	233	100	.63	-10.6	15.5
138	80	.93	-8.2	23.0	186	60	.75	-7.1	20.1	234	80	.66	-7.4	16.3
139	70	.76	-8.0	20.5	187	90	.86	-7.4	21.1	235	90	.84	-6.3	20.7
140	60	.81	-7.9	21.8	188	70	.81	-6.9	21.9	236	70	.70	-8.0	18.9
141	60	.86	-9.0	23.2	189	70	.82	-10.6	22.3	237	60	.73	-5.8	19.6
142	50	.98	-14.2	22.1	190	60	.75	-8.5	20.2	238	60	.73	-11.3	19.7
143	40	.79	-12.8	17.7	191	70	.72	-8.6	19.4	239	60	.71	-10.0	19.2
144	60	.67	-16.5	18.0	192	60	.75	-14.8	20.4	240	100	-.55	-13.5	11.4
145	60	.78	-16.0	21.0	193	100	-.68	-16.9	16.4	241	100	-.74	-18.3	14.2
146	100	-1.20	-29.5	20.7	194	100	-1.11	-27.5	18.3	242	100	-.90	-22.3	7.9
147	100	-.87	-21.4	18.2	195	100	-1.17	-29.0	17.7	243	100	-.79	-19.6	9.0
148	100	-.80	-19.8	18.8	196	100	-.91	-22.5	13.9	244	100	-.70	-17.2	10.7

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BUILDING OUT
REFERENCE PRESSURE = 38.0 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 -----	
2445	70	-.67	-18.1	8.7	324	60	-1.16	-31.3	24.2	401	60	-.88	-23.7	6.9
2446	80	-.62	-15.3	8.5	325	40	-.74	-16.6	11.6	402	60	-.73	-19.8	7.0
2447	100	-.69	-17.0	7.1	326	60	-.73	-19.7	14.9	403	60	-.69	-18.6	6.8
2448	60	-.59	-15.0	15.8	327	60	-.85	-22.8	17.9	404	100	-.76	-18.8	6.9
2449	80	-.69	-17.0	16.1	328	100	-1.09	-23.6	27.0	405	100	-.96	-23.7	6.9
2450	90	-.60	-14.8	14.7	329	50	-1.07	-23.9	18.0	406	100	-.78	-19.2	7.3
2551	90	-.49	-11.7	12.1	330	60	-.58	-15.7	10.3	407	100	-.72	-17.8	6.8
2552	60	-.58	-15.7	11.1	331	60	-.71	-19.2	11.8	408	90	-.86	-21.4	5.7
2553	70	-.57	-8.9	13.4	332	60	-.90	-24.2	16.9	409	100	-.74	-18.2	7.1
2554	70	-.54	-8.8	14.6	333	60	-.94	-25.5	17.3	410	70	-.70	-18.8	6.5
2555	60	-.50	-10.2	13.6	334	60	-.95	-25.6	18.8	411	60	-.79	-21.2	8.3
2556	60	-.54	-14.7	13.2	335	70	-.61	-16.4	11.7	412	70	-.87	-23.5	6.5
2557	100	-.65	-16.1	10.7	336	50	-.84	-18.8	11.5	413	90	-.84	-20.7	7.4
2558	100	-.90	-22.2	8.8	337	60	-.96	-25.9	17.4	414	70	-.81	-21.9	6.2
2559	70	-.62	-16.7	7.2	338	50	-1.07	-23.9	19.3	415	90	-.76	-18.7	8.3
2660	60	-.60	-10.0	16.1	339	50	-1.04	-23.4	18.2	416	100	-.73	-18.0	7.9
2661	70	-.54	-10.8	14.5	340	80	-.54	-13.4	10.8	417	100	-.85	-21.1	6.6
2662	70	-.67	-8.8	18.0	341	60	-.63	-16.9	13.0	418	60	-.70	-18.9	8.8
2663	70	-.58	-9.6	15.6	342	60	-.59	-16.0	13.0	419	100	-.77	-19.1	6.3
2664	60	-.64	-10.4	17.2	343	60	-.87	-23.4	16.2	420	100	-.84	-20.8	6.1
2665	90	-.61	-15.1	14.6	344	60	-.98	-26.5	17.2	421	90	-.79	-19.4	6.8
2666	60	-.51	-13.0	13.7	345	60	-.64	-17.3	10.0	422	60	-.68	-18.4	6.6
2667	90	-.63	-15.6	11.0	346	100	-.56	-12.8	13.9	423	60	-.78	-21.0	8.0
2668	60	-.75	-20.2	7.7	347	100	-.60	-12.1	14.9	424	80	-.78	-19.4	6.8
2669	60	-.76	-20.5	6.8	348	60	-.75	-20.2	13.2	425	90	-.82	-20.2	6.2
3001	60	-.59	-15.9	14.4	349	60	-.77	-20.8	13.5	426	90	-.78	-19.2	6.7
3002	100	-1.05	-17.9	25.9	350	70	-.62	-16.6	13.7	427	100	-.84	-20.7	7.5
3003	60	-1.02	-27.4	25.3	351	70	-.58	-13.0	15.7	428	60	-.69	-18.7	7.2
3004	70	-.73	-19.7	5.2	352	70	-.58	-14.4	15.8	429	90	-.66	-16.3	6.3
3005	60	-.80	-21.6	10.9	353	90	-.63	-12.7	15.6	430	90	-.71	-17.6	7.5
3006	80	-.96	-23.7	11.2	354	100	-.61	-13.2	15.1	431	60	-.70	-18.9	7.4
3007	60	-.81	-21.9	9.3	355	60	-.59	-16.0	7.1	432	100	-.68	-16.7	6.2
3008	90	-.94	-23.2	9.9	356	60	-.61	-16.4	9.6	433	90	-.69	-17.0	5.9
3009	70	-.91	-24.6	4.3	357	60	-.60	-16.3	13.9	434	100	-.67	-16.5	6.2
3110	70	-.69	-18.7	14.8	358	60	-.63	-17.0	13.8	435	60	-.63	-17.0	7.4
3111	60	-.79	-21.3	17.7	359	90	-.72	-11.6	17.9	436	100	-.82	-20.3	7.7
3112	80	-.85	-21.1	17.1	360	70	-.62	-7.9	16.8	437	90	-.91	-22.5	6.2
3113	70	-.72	-19.4	7.3	361	70	-.53	-9.6	14.3	438	100	-.74	-18.2	6.5
3114	80	-1.02	-25.3	7.8	362	70	-.72	-8.8	19.4	439	100	-.92	-22.6	6.7
3115	50	-.72	-16.2	12.0	363	70	-.68	-18.4	7.8	440	90	-.74	-18.3	5.4
3116	50	-.73	-16.4	12.5	364	70	-.59	-12.2	16.0	441	80	-.75	-18.6	8.2
3117	60	-.61	-16.3	14.9	365	100	-.67	-9.4	16.6	442	70	-.71	-19.3	8.2
3118	60	-.86	-23.1	15.4	366	100	-.66	-8.9	16.3	443	60	-.70	-19.0	6.3
3119	60	-1.14	-30.9	21.2	367	100	-.57	-10.1	14.0	444	100	-.78	-19.2	6.4
3220	70	-.62	-16.8	12.9	368	70	-.54	-9.7	14.5	445	70	-.55	-14.9	7.0
3221	50	-.75	-16.8	16.1	369	60	-.55	-7.7	15.0	446	90	-.62	-15.3	4.6
3222	50	-.91	-20.5	19.0	370	60	-.53	-8.2	14.4	447	80	-.69	-17.0	6.0
3223	50	-1.07	-24.0	20.5	371	70	-.54	-8.8	14.7	448	80	-.67	-16.6	6.4

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BUILDING OUT
REFERENCE PRESSURE = 38.0 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
449	100	-.70	-17.4	7.2	497	90	-.74	-18.2	7.0	545	90	-.75	-18.6	5.8
450	80	-.75	-18.5	7.2	498	90	-.75	-18.5	6.6	546	60	-.63	-17.1	55.9
451	90	-.71	-17.5	7.3	499	100	-.73	-18.0	7.1	547	100	-.86	-21.1	6.9
452	90	-.71	-17.6	6.3	500	80	-.76	-18.8	6.7	548	80	-.69	-17.1	55.9
453	100	-.75	-18.5	6.9	501	60	-.76	-20.4	8.0	549	100	-.61	-15.1	55.9
454	70	-.70	-19.0	6.2	502	60	-.68	-18.3	7.3	550	100	-.54	-13.4	4.0
455	60	-.74	-20.0	7.5	503	100	-.73	-18.0	6.4	551	70	-.66	-17.7	55.6
456	60	-.66	-17.9	7.0	504	100	-.78	-19.2	5.6	552	60	-.61	-16.5	6.7
457	70	-.64	-17.1	7.1	505	100	-.68	-16.7	6.3	553	60	-.61	-16.5	55.9
458	70	-.64	-17.4	5.6	506	60	-.66	-17.8	7.1	554	60	-.60	-16.1	7.1
459	100	-.67	-16.6	5.9	507	60	-.64	-17.2	6.2	555	90	-.73	-18.0	6.7
460	60	-.63	-17.1	8.0	508	60	-.79	-21.4	6.2	556	60	-.66	-17.9	6.6
461	100	-.71	-17.4	6.9	509	90	-.74	-18.2	7.1	557	60	-.65	-17.4	6.6
462	60	-.63	-17.0	7.1	510	70	-.66	-17.8	6.4	558	70	-.65	-17.6	6.9
463	90	-.67	-16.4	7.7	511	90	-.74	-18.2	7.7	559	90	-.69	-17.1	6.1
464	90	-.69	-17.2	6.7	512	70	-.65	-17.5	5.8	560	60	-.62	-16.6	9.3
465	90	-.68	-16.8	8.4	513	100	-.77	-19.0	8.3	561	100	-.81	-20.0	7.1
466	70	-.65	-17.6	6.0	514	70	-.62	-16.8	7.7	562	100	-.98	-24.2	7.3
467	100	-.72	-17.9	8.2	515	90	-.72	-17.7	7.1	601	70	-.85	-23.0	6.9
468	70	-.60	-16.1	6.7	516	90	-.74	-18.2	7.1	602	60	-.79	-21.3	6.8
469	90	-.74	-18.2	7.5	517	100	-.73	-18.0	6.6	603	60	-.73	-19.6	6.6
470	90	-.75	-18.6	7.4	518	60	-.67	-18.1	7.5	604	50	-.95	-21.4	7.9
471	100	-.74	-18.3	6.9	519	100	-.73	-18.0	7.1	605	40	-.94	-21.2	7.6
472	100	-.73	-18.0	7.2	520	60	-.66	-17.7	6.6	606	70	-.73	-19.6	6.0
473	70	-.75	-20.2	7.0	521	100	-.72	-17.7	5.7	607	60	-.75	-20.1	7.1
474	70	-.62	-16.7	6.9	522	90	-.71	-17.4	7.5	608	60	-.69	-18.5	6.2
475	100	-.73	-18.1	6.3	523	100	-.82	-25.1	8.1	609	60	-.67	-18.2	7.0
476	100	-.80	-19.9	7.4	524	90	-.68	-16.9	6.5	610	90	-.68	-16.8	6.1
477	70	-.71	-19.3	8.6	525	60	-.65	-17.5	7.0	611	60	-.68	-18.4	7.6
478	90	-.65	-16.1	5.8	526	60	-.66	-17.8	6.3	612	100	-.73	-18.0	8.3
479	90	-.68	-16.8	6.7	527	70	-.63	-16.9	7.2	613	100	-.71	-17.5	7.8
480	60	-.65	-17.5	6.5	528	60	-.69	-18.5	8.1	614	70	-.67	-18.1	8.9
481	70	-.62	-16.7	8.4	529	70	-.65	-17.4	6.3	615	60	-.74	-19.9	7.4
482	60	-.72	-19.3	8.0	530	60	-.65	-17.6	7.6	616	60	-.65	-17.7	7.3
483	70	-.65	-17.6	6.9	531	100	-.91	-22.5	8.0	617	80	-.69	-17.1	7.5
484	60	-.65	-17.5	7.5	532	80	-.69	-17.1	6.0	618	90	-.63	-15.7	7.9
485	100	-.86	-21.3	7.8	533	90	-.70	-17.3	7.9	619	90	-.82	-20.4	6.8
486	80	-.70	-17.3	6.4	534	70	-.68	-18.3	7.6	620	80	-.79	-19.5	6.7
487	100	-.77	-19.1	7.6	535	100	-.73	-18.0	6.4	621	80	-.66	-16.3	7.1
488	100	-.88	-21.6	8.5	536	100	-.70	-17.3	5.9	622	90	-.67	-16.4	7.5
489	100	-.71	-17.6	6.1	537	80	-.76	-18.7	7.7	623	60	-.62	-16.7	6.2
490	100	-.67	-16.6	6.4	538	100	-.74	-18.3	6.5	624	100	-.70	-17.2	7.9
491	80	-.71	-17.4	7.6	539	90	-.80	-19.8	6.4	625	100	-.97	-24.1	6.7
492	60	-.66	-17.9	6.5	540	100	-.76	-18.8	7.6	626	100	-.64	-15.7	7.6
493	80	-.73	-17.9	7.2	541	100	-.69	-16.9	6.8	627	40	-.97	-21.7	6.7
494	80	-.74	-18.3	7.7	542	80	-.69	-17.0	6.3	628	60	-.67	-18.1	7.3
495	100	-.71	-17.5	6.8	543	100	-.65	-16.0	5.5	629	60	-.66	-17.8	6.3
496	90	-.77	-18.9	7.4	544	100	-.77	-19.1	7.9	630	100	-.75	-18.4	8.8

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

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BUILDING OUT
REFERENCE PRESSURE = 38.0 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
631	100	-.75	-18.5	6.6	803	90	-.76	-18.7	6.9	918	80	-.98	-24.2	8.9
632	90	-.63	-15.4	6.4	804	60	-.64	-17.2	7.6	919	70	-.77	-20.7	6.2
633	100	-.70	-17.3	7.7	805	60	-.62	-16.8	5.9	920	60	-.81	-21.9	7.9
634	100	-.70	-17.3	6.5	806	80	-.78	-19.3	7.8	921	70	-.65	-17.5	10.7
635	70	-.75	-20.2	7.3	807	70	-.73	-19.8	11.4	922	100	-.84	-20.9	6.8
636	60	-.63	-16.9	7.1	901	60	-.66	-17.8	8.2	923	60	-.81	-22.0	8.2
637	70	-.64	-17.2	6.8	902	60	-.76	-20.6	8.6	924	70	-.88	-7.7	23.7
638	100	-.71	-17.6	7.7	903	90	-.72	-17.8	6.1	925	70	-.78	-6.9	21.1
639	70	-.66	-17.9	5.6	904	60	-.77	-20.8	6.0	926	60	-.94	-7.1	25.4
640	100	-.75	-18.6	8.0	905	90	-.77	-19.1	12.1	927	70	-.86	-6.9	23.1
641	100	-.73	-18.0	6.5	906	90	-.71	-17.4	12.0	928	60	-.88	-7.4	23.8
642	70	-.66	-17.8	7.7	907	80	-.87	-21.4	7.2	929	50	-.91	-12.3	20.3
643	90	-.70	-17.3	6.0	908	100	-.88	-21.7	7.6	930	60	-.85	-11.0	23.1
644	70	-.71	-19.1	6.3	909	60	-.81	-22.0	5.8	931	60	-.80	-5.8	21.6
645	100	-.73	-18.0	7.9	910	60	-.76	-20.6	6.4	932	60	-.77	-8.9	20.8
646	90	-.71	-17.5	6.7	911	100	-.87	-21.5	11.6	933	60	-.82	-6.3	22.2
647	90	-.70	-17.3	5.6	912	90	-.77	-19.1	6.7	934	60	-.84	-6.4	22.6
648	100	-.71	-17.3	5.4	913	100	-.82	-20.3	9.4	935	70	-.74	-7.5	19.9
649	90	-.75	-18.6	6.3	914	60	-.74	-19.9	8.8	936	90	-.76	-8.0	18.9
650	70	-.61	-16.5	6.1	915	90	-.81	-20.0	7.0	937	100	-.75	-18.5	5.7
651	70	-.63	-16.9	7.0	916	100	-.83	-20.5	6.3	938	90	-1.00	-24.8	7.0
801	60	-.42	-9.6	11.2	917	100	-.81	-20.0	6.8	939	100	-1.02	-25.3	6.3
802	90	-.82	-20.3	5.9										

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BUILDING OUT
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
324	60	-1.16	-31.3	24.2
163	90	-1.26	-31.1	18.8
180	80	-1.26	-31.1	18.6
319	60	-1.14	-30.9	21.2
146	100	-1.20	-29.5	20.7
195	100	-1.17	-29.0	17.7
179	90	-1.12	-27.6	19.6
194	100	-1.11	-27.5	18.3
303	60	-1.02	-27.4	25.3
328	100	1.09	-23.6	27.0
178	90	-1.07	-26.5	17.9
344	60	-.98	-26.5	17.2
174	60	.98	-6.9	26.4
228	100	-1.07	-26.3	12.3
162	100	-1.07	-26.3	20.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION W : MANHATTAN PLACE, NEW YORK CITY, WORST CASE OF CONFIG A & B
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 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
101	170	-.99	-35.8	22.5	149	110	-.85	-22.9	20.3	197	100	-1.13	-27.8	16.7
102	170	-1.02	-36.7	20.8	150	150	-.69	-23.4	16.5	198	150	-.82	-28.1	15.3
103	180	-.94	-34.1	21.3	151	300	-1.37	-26.5	16.4	199	140	-.89	-30.5	11.2
104	180	-.83	-29.9	20.3	152	160	-.83	-28.3	24.6	200	180	-1.24	-44.6	20.9
105	150	-1.13	-38.8	20.7	153	170	-.86	-31.2	20.0	201	180	-1.07	-38.7	21.6
106	150	-.81	-27.7	16.3	154	160	-.80	-27.4	23.7	202	170	-1.26	-45.3	24.5
107	150	-.79	-26.9	16.8	155	180	-.75	-26.9	22.2	203	180	-1.02	-36.7	24.7
108	160	-1.27	-43.4	15.0	156	50	1.10	-23.5	24.7	204	180	-.73	-36.3	20.4
109	180	-1.02	-36.9	13.8	157	180	-.82	-29.8	26.0	205	60	1.09	-16.0	29.3
110	180	-.68	-24.4	15.4	158	60	-.97	-22.4	26.0	206	70	-.85	-16.5	23.0
111	150	-.79	-27.0	15.1	159	180	-.67	-24.3	22.3	207	70	-.76	-18.7	20.5
112	150	-.91	-31.1	21.0	160	70	-.81	-20.7	21.9	208	150	-.66	-22.7	16.9
113	290	-1.63	-31.5	13.8	161	170	-.63	-22.7	18.9	209	150	-.73	-24.9	17.9
114	180	-1.19	-43.0	14.6	162	90	-1.14	-28.1	20.0	210	120	-1.22	-32.8	13.2
115	150	-.83	-28.4	16.5	163	90	-1.26	-31.1	18.8	211	70	-1.18	-32.0	15.3
116	170	-.79	-28.5	12.0	164	120	-1.25	-33.7	19.9	212	100	-1.16	-28.5	16.0
117	170	-1.00	-36.2	19.6	165	110	-1.00	-27.1	19.1	213	140	-.71	-24.3	14.0
118	170	-.81	-29.1	19.9	166	150	-.74	-25.3	19.7	214	150	-.76	-26.0	13.6
119	180	-.83	-29.9	16.9	167	110	-.96	-26.0	14.9	215	110	-1.10	-29.7	13.0
120	180	-.84	-30.4	17.5	168	170	-.73	-26.4	21.6	216	170	-1.24	-44.9	19.6
121	180	-.84	-30.3	21.5	169	150	-.85	-29.2	22.8	217	170	-1.35	-48.7	21.0
122	180	-.76	-27.4	17.7	170	180	-.86	-31.0	25.0	218	170	-1.17	-42.1	21.8
123	180	-.67	-24.1	18.6	171	170	-.82	-29.6	24.4	219	140	-.60	-18.6	20.4
124	180	-.67	-24.3	16.0	172	170	-.76	-27.4	23.7	220	70	-.74	-17.6	19.9
125	150	-.78	-26.8	16.6	173	180	-.62	-22.4	21.4	221	70	-.71	-15.4	19.2
126	120	-.95	-25.7	18.9	174	60	-.98	-19.4	26.4	222	70	-.64	-14.9	17.3
127	160	-.79	-27.1	16.8	175	170	-.64	-23.0	21.5	223	60	-.77	-19.3	20.9
128	160	-.78	-26.8	15.1	176	60	-.88	-20.4	23.7	224	170	-.63	-22.7	18.4
129	150	-.64	-21.9	13.0	177	150	-.69	-23.6	21.0	225	150	-.74	-25.2	16.1
130	150	-.67	-23.0	16.1	178	90	-1.07	-26.5	17.9	226	150	-.99	-33.8	12.3
131	60	-.90	-24.2	10.7	179	100	-1.33	-32.9	19.9	227	150	-.98	-33.5	12.7
132	150	-.68	-23.4	13.2	180	80	-1.26	-31.1	18.6	228	150	-1.00	-34.3	12.3
133	150	-.66	-22.5	14.7	181	120	-.96	-26.0	17.4	229	150	-.81	-27.9	14.1
134	160	-.93	-31.9	21.7	182	150	-.74	-25.1	16.3	230	150	-.78	-26.5	12.5
135	150	-.96	-32.9	18.2	183	110	-.97	-26.1	15.6	231	150	-.73	-25.0	13.4
136	170	-.88	-31.6	20.1	184	170	-.84	-30.3	21.2	232	150	-.62	-19.8	21.3
137	170	-.78	-28.1	21.4	185	170	-.93	-33.5	23.8	233	150	-.68	-20.6	23.3
138	180	-.74	-26.6	23.0	186	170	-.96	-34.7	23.3	234	150	-.66	-13.5	22.6
139	170	-.74	-26.6	20.5	187	180	-1.04	-37.5	22.7	235	150	-.67	-14.8	22.8
140	180	-.72	-26.1	23.9	188	180	-.85	-30.8	21.9	236	160	-.63	-13.8	21.4
141	180	-.75	-27.2	23.2	189	180	-.85	-30.8	22.3	237	60	-.73	-14.5	19.6
142	180	-.66	-23.8	22.1	190	60	-.75	-19.7	20.2	238	70	-.75	-14.8	20.3
143	180	-.57	-20.7	17.7	191	50	-.97	-19.5	21.6	239	60	-.71	-17.5	19.2
144	180	-.61	-22.0	18.0	192	60	-.75	-19.5	20.4	240	150	-.59	-20.0	13.0
145	180	-.63	-22.8	21.0	193	150	-.70	-23.8	16.4	241	150	-.77	-26.4	14.2
146	90	-1.26	-31.0	20.7	194	100	-1.12	-27.6	18.3	242	150	-1.32	-45.0	10.4
147	170	-.71	-25.8	18.2	195	100	-1.17	-29.0	17.7	243	150	-.89	-30.4	10.5
148	100	-.92	-22.7	18.8	196	100	-1.08	-26.6	15.8	244	150	-.72	-24.7	12.7

TABLE 6A. PEAK LOADS FOR CONFIGURATION M : MANHATTAN PLACE, NEW YORK CITY, WORST CASE OF CONFIG A & B
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 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
245	150	- .80	-27.2	11.4	324	60	-1.16	-31.3	24.7	401	150	- .85	-29.2	13.9
246	260	-1.66	-27.1	14.2	325	170	.94	-26.9	33.9	402	150	- .94	-32.2	14.4
247	150	- .68	-23.1	15.7	326	150	1.00	-19.7	34.0	403	150	-1.13	-38.7	14.1
248	70	- .80	-21.5	16.4	327	140	.97	-22.8	33.2	404	170	-1.10	-39.6	18.4
249	100	- .81	-19.9	16.6	328	100	1.09	-23.6	27.0	405	150	- .87	-29.7	19.9
250	170	- .58	-20.9	15.4	329	150	.73	-23.9	24.8	406	150	-1.07	-36.5	30.0
251	150	- .59	-20.1	16.6	330	160	.94	-23.8	32.1	407	150	- .94	-32.1	31.2
252	120	- .71	-19.2	15.8	331	150	.98	-21.8	33.7	408	150	- .81	-27.7	13.0
253	170	- .51	-18.4	18.2	332	160	.94	-24.2	32.1	409	140	- .79	-26.9	15.7
254	170	- .47	-16.1	16.8	333	150	.85	-25.5	29.0	410	160	-1.13	-38.7	15.6
255	170	- .48	-17.2	14.0	334	60	- .99	-26.6	23.6	411	170	-1.25	-45.2	21.9
256	170	- .54	-19.5	13.9	335	170	.83	-23.0	30.1	412	150	-1.02	-35.0	29.5
257	150	- .63	-21.4	15.3	336	160	.88	-28.1	30.1	413	150	-1.00	-34.1	31.0
258	100	- .90	-22.2	12.7	337	150	.91	-25.9	31.1	414	180	-1.03	-36.3	37.2
259	290	-1.32	-25.6	13.1	338	140	- .78	-23.9	26.8	415	150	- .80	-27.4	11.8
260	150	- .58	-13.8	19.7	339	180	- .68	-24.5	23.8	416	150	- .79	-26.5	17.4
261	170	- .51	-14.0	18.4	340	170	- .64	-21.0	23.1	417	150	- .79	-27.0	13.2
262	140	- .54	-14.7	18.4	341	160	- .77	-22.2	26.3	418	160	- .85	-29.0	15.5
263	180	- .44	-16.0	15.6	342	150	- .77	-20.1	26.2	419	150	- .96	-32.8	19.5
264	150	- .59	-20.1	17.2	343	150	- .79	-23.4	27.0	420	150	-1.07	-36.5	20.4
265	170	- .50	-17.7	17.9	344	60	- .98	-26.5	24.0	421	150	-1.37	-46.8	14.5
266	140	- .56	-19.0	15.0	345	150	- .69	-23.8	20.7	422	160	-1.40	-47.9	13.9
267	290	-1.04	-20.2	14.2	346	150	- .67	-23.1	21.3	423	160	- .90	-30.9	26.3
268	120	- .83	-22.3	13.9	347	170	- .68	-15.2	24.6	424	180	- .89	-27.5	32.1
269	140	- .75	-25.5	15.9	348	170	- .73	-20.2	26.2	425	180	- .86	-26.6	31.2
301	180	- .95	-34.2	30.4	349	150	- .72	-20.8	24.8	426	140	-1.14	-39.1	34.4
302	150	- .09	-27.1	37.3	350	150	- .76	-16.6	26.0	427	140	- .72	-24.5	15.0
303	150	- .93	-27.4	31.7	351	150	- .78	-13.3	26.8	428	150	- .69	-23.6	13.5
304	150	- .86	-29.5	24.8	352	150	- .79	-14.4	27.0	429	150	- .71	-24.2	15.0
305	170	- .77	-27.9	26.4	353	160	- .68	-15.4	23.2	430	140	- .73	-24.8	16.1
306	180	- .78	-28.2	21.3	354	150	- .65	-15.3	22.4	431	150	- .83	-28.4	22.0
307	150	-1.08	-22.7	36.9	355	150	- .72	-24.7	17.2	432	150	- .79	-27.0	16.4
308	170	-1.16	-23.2	41.8	356	150	- .80	-27.2	21.3	433	150	- .90	-30.9	15.4
309	160	- .87	-24.6	29.8	357	170	- .59	-19.0	21.4	434	150	- .92	-31.5	16.8
310	150	- .91	-28.7	31.0	358	170	- .68	-17.0	24.7	435	150	-1.02	-35.0	16.0
311	150	- .98	-27.9	33.4	359	170	- .57	-14.8	20.4	436	160	-1.30	-44.5	20.9
312	150	-1.01	-24.7	34.5	360	150	- .67	-12.4	23.0	437	160	-1.10	-37.7	14.7
313	140	-1.70	-23.9	21.4	361	170	- .55	-11.9	20.0	438	180	-1.61	-58.3	20.4
314	150	-1.02	-34.8	21.4	362	150	- .62	-15.8	21.3	439	140	- .71	-24.4	20.6
315	150	-1.01	-25.4	34.6	363	150	- .80	-27.4	20.0	440	140	- .69	-23.7	23.1
316	150	- .87	-19.9	29.7	364	150	- .93	-14.8	31.8	441	120	-1.07	-28.8	27.8
317	140	- .84	-16.3	28.9	365	170	- .84	-15.4	30.3	442	140	-1.06	-36.3	32.4
318	150	- .74	-23.1	25.3	366	150	- .62	-12.0	21.3	443	180	-1.06	-33.0	38.2
319	60	-1.14	-30.9	23.2	367	140	- .63	-11.0	21.5	444	150	-1.61	-55.0	36.9
320	150	-1.06	-23.6	36.2	368	150	- .67	-12.0	22.8	445	150	- .67	-22.8	15.3
321	160	-1.05	-24.7	36.1	369	150	- .60	-11.3	20.5	446	150	- .52	-17.6	13.7
322	150	- .91	-20.5	31.0	370	180	- .50	-13.0	18.2	447	140	- .65	-22.1	16.0
323	140	- .75	-24.0	25.5	371	150	- .55	-17.0	18.8	448	150	- .76	-26.1	15.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION W : MANHATTAN PLACE, NEW YORK CITY, WORST CASE OF CONFIG A & B
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 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
449	150	-1.09	-37.2	13.5	497	150	-1.03	-35.4	16.5	545	150	-.96	-32.8	13.5
450	150	-.91	-31.0	16.4	498	160	-1.20	-40.9	15.4	546	150	-1.04	-33.4	14.1
451	160	-1.02	-34.9	16.1	499	160	-1.16	-39.6	15.9	547	150	-1.11	-37.9	12.8
452	160	-1.35	-46.3	16.7	500	150	-1.33	-45.4	16.6	548	150	-1.18	-40.3	12.3
453	170	-1.45	-52.3	14.9	501	170	-1.48	-53.4	13.0	549	150	-1.14	-39.0	11.4
454	170	-1.39	-50.2	14.2	502	180	-1.22	-44.1	11.4	550	110	-.57	-15.4	12.3
455	170	-.84	-30.3	14.7	503	150	-1.03	-35.3	13.0	551	150	-.55	-18.8	12.9
456	140	-.76	-26.0	24.0	504	150	-1.18	-40.2	14.9	552	120	-.78	-20.9	14.6
457	140	-1.07	-36.6	31.1	505	150	-1.26	-43.1	23.9	553	150	-.69	-23.5	13.4
458	140	-1.17	-40.0	34.4	506	150	-1.45	-49.5	25.1	554	150	-.77	-26.2	14.2
459	150	-1.42	-48.7	42.9	507	150	-1.44	-49.2	26.7	555	150	-.78	-26.7	19.2
460	150	-1.25	-42.9	41.4	508	150	-1.45	-49.6	27.5	556	150	-.75	-25.6	14.2
461	150	-.75	-25.7	13.7	509	140	-.77	-26.2	17.2	557	150	-.87	-29.7	16.3
462	150	-.93	-31.9	14.5	510	170	-.66	-23.7	14.2	558	140	-.80	-27.3	16.1
463	150	-.77	-26.2	13.9	511	150	-.68	-23.4	17.1	559	150	-.83	-28.4	13.8
464	150	-.83	-28.3	13.7	512	150	-.78	-26.8	13.8	560	150	-.82	-28.1	16.7
465	160	-.95	-32.4	18.1	513	160	-.95	-32.6	13.9	561	150	-1.02	-34.9	19.3
466	150	-1.00	-34.3	15.4	514	150	-1.05	-36.0	14.4	562	150	-1.32	-45.1	12.6
467	170	-1.11	-40.1	16.1	515	160	-1.14	-39.1	15.4	601	150	-.75	-25.7	15.6
468	170	-1.04	-37.7	14.2	516	160	-1.35	-46.0	14.9	602	150	-.77	-26.3	17.0
469	170	-1.12	-40.5	14.1	517	170	-1.28	-46.0	13.4	603	150	-.85	-29.2	16.3
470	170	-1.03	-37.1	16.0	518	160	-1.44	-49.1	10.0	604	150	-.71	-27.9	12.5
471	140	-.95	-32.3	14.3	519	150	-1.09	-37.4	12.0	605	150	-.82	-27.9	13.4
472	150	-.96	-32.7	17.8	520	150	-.96	-32.9	13.7	606	180	-.75	-27.1	16.9
473	140	-.94	-32.2	25.6	521	150	-1.30	-44.4	12.0	607	150	-.74	-25.2	13.1
474	150	-1.39	-47.4	34.8	522	150	-1.36	-46.6	11.5	608	150	-.77	-26.2	15.0
475	150	-1.43	-49.0	38.5	523	160	-1.50	-51.3	14.1	609	150	-.77	-26.4	16.6
476	150	-1.84	-62.8	37.5	524	150	-1.34	-45.8	14.7	610	140	-.71	-24.1	17.0
477	150	-.99	-34.0	13.2	525	150	-.76	-25.9	12.9	611	150	-.71	-24.4	16.4
478	150	-.97	-33.2	14.3	526	150	-.63	-21.7	13.3	612	150	-.73	-24.9	14.6
479	150	-.84	-28.8	16.5	527	150	-.65	-22.1	14.2	613	170	-.65	-23.4	13.3
480	150	-.84	-28.7	17.2	528	150	-.76	-25.9	14.7	614	150	-.69	-23.7	14.6
481	150	-.93	-31.9	13.2	529	140	-.74	-25.2	13.8	615	150	-.70	-24.1	13.6
482	150	-1.09	-37.1	17.1	530	150	-.86	-29.5	16.1	616	150	-.65	-22.2	15.3
483	170	-1.06	-38.3	18.0	531	150	-.86	-29.3	14.2	617	150	-.81	-27.6	13.6
484	150	-1.46	-50.0	17.0	532	150	-.99	-33.7	14.8	618	150	-.72	-24.7	17.2
485	170	-1.20	-43.4	14.4	533	160	-1.12	-38.5	12.4	619	150	-.85	-29.1	17.7
486	170	-1.15	-41.4	14.1	534	160	-1.23	-42.2	11.6	620	150	-.78	-26.8	17.1
487	130	-1.20	-33.3	15.6	535	150	-.93	-31.8	14.3	621	180	-.69	-24.8	12.6
488	140	-.98	-33.7	18.3	536	150	-1.03	-35.2	10.2	622	170	-.59	-21.5	12.9
489	150	-1.28	-43.6	25.5	537	150	-1.05	-35.9	12.5	623	150	-.71	-24.2	15.1
490	150	-1.68	-57.3	30.9	538	150	-1.28	-43.8	13.6	624	150	-.69	-23.6	15.2
491	150	-1.42	-48.4	34.4	539	150	-1.45	-49.6	10.9	625	150	-.73	-24.8	13.1
492	150	-1.41	-48.2	37.9	540	150	-1.25	-42.8	13.9	626	150	-.70	-24.0	12.0
493	150	-.87	-29.9	14.3	541	150	-.86	-29.4	14.1	627	40	-.97	-21.7	11.4
494	150	-.92	-31.6	14.8	542	150	-.84	-28.6	15.1	628	150	-.66	-22.5	14.1
495	150	-1.00	-34.3	13.8	543	150	-.87	-29.8	13.9	629	150	-.71	-24.1	12.6
496	150	-.81	-27.8	13.2	544	150	-.86	-29.6	13.1	630	150	-.91	-31.0	12.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION M : MANHATTAN PLACE, NEW YORK CITY, WORST CASE OF CONFIG A & B
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
631	150	-.65	-22.3	11.7	803	150	-.81	-27.7	15.6	918	150	-1.04	-35.6	15.0
632	150	-.74	-25.2	12.6	804	150	-.84	-28.6	14.2	919	170	-.75	-27.2	13.9
633	150	-.73	-24.9	17.5	805	290	-.95	-18.3	13.8	920	140	-.83	-28.3	15.0
634	150	-.73	-25.0	10.9	806	110	-.88	-23.8	17.8	921	170	-.85	-30.7	11.8
635	150	-.75	-25.6	15.1	807	70	-.73	-19.8	14.9	922	140	-.75	-25.7	12.9
636	150	-.93	-31.9	15.5	901	150	-.79	-27.2	21.1	923	150	-.70	-24.0	11.3
637	150	-.71	-24.1	13.6	902	180	-.69	-25.0	12.1	924	150	-.92	-14.8	31.5
638	170	-.64	-23.2	15.5	903	150	-.85	-29.1	20.4	925	70	-.94	-15.1	25.3
639	170	-.63	-22.8	13.5	904	150	-.82	-28.0	11.2	926	60	-.94	-12.9	25.4
640	110	-.93	-25.1	12.2	905	150	-.62	-21.3	15.9	927	70	-.90	-14.5	24.4
641	110	-.87	-23.6	11.9	906	150	-.74	-25.4	12.0	928	60	-.88	-16.1	23.8
642	150	-.87	-29.6	12.9	907	160	-.94	-32.0	15.5	929	60	-.79	-14.1	21.2
643	140	-.59	-20.3	15.5	908	170	-.89	-32.3	8.5	930	60	-.85	-17.0	23.1
644	150	-.77	-26.5	14.8	909	120	-.94	-25.4	13.8	931	60	-.86	-15.7	23.3
645	140	-.68	-23.3	12.6	910	150	-1.08	-37.0	9.5	932	140	-.65	-12.9	22.3
646	150	-.77	-26.4	16.3	911	150	-.90	-30.8	11.6	933	60	-.82	-12.0	22.2
647	150	-.56	-19.2	12.6	912	150	-.65	-22.2	14.0	934	60	-.84	-15.1	22.6
648	150	-.59	-20.3	16.7	913	150	-.71	-24.2	12.4	935	60	-.90	-16.6	24.4
649	140	-.59	-20.3	13.6	914	150	-.66	-22.6	11.9	936	150	-.58	-17.4	19.8
650	150	-.75	-25.7	14.1	915	150	-.63	-21.6	13.3	937	150	-.81	-27.6	11.2
651	140	-.75	-25.8	12.6	916	160	-.90	-30.8	11.8	938	150	-.81	-27.7	18.6
801	170	-.63	-13.0	22.7	917	150	-.81	-27.6	25.7	939	150	-.87	-29.7	21.7
802	150	-1.09	-37.4	13.5										

TABLE 6A. PEAK LOADS FOR CONFIGURATION W : MANHATTAN PLACE, NEW YORK CITY, WORST CASE OF CONFIG A & B
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 38.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
476	150	-1.84	-62.8	37.2
438	180	-1.61	-58.3	20.4
490	150	-1.68	-57.3	30.9
444	150	-1.61	-55.0	36.9
501	170	-1.48	-53.4	13.0
453	170	-1.45	-52.5	14.9
523	160	-1.50	-51.3	14.1
454	170	-1.39	-50.2	14.2
484	150	-1.46	-50.0	17.0
539	150	-1.45	-49.6	10.9
508	150	-1.45	-49.6	27.5
506	150	-1.45	-49.5	25.1
507	150	-1.44	-49.2	26.7
518	160	-1.44	-49.1	10.0
475	150	-1.43	-49.0	38.5

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A REFERENCE PRESSURE 38.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-58.8	-19.0	4.2	-13.1	3.9	-20	61
10	-95.7	-11.9	3.9	-18.2	5.7	-7	59
20	-163.9	-37.2	8.1	-29.2	8.0	-11	46
30	-197.8	-45.6	9.0	-35.2	6.5	-7	31
40	-519.6	-53.4	10.9	-91.5	4.8	-1	9
50	-883.1	3.7	1.8	-154.5	-4.6	-0	-5
60	-1120.8	34.1	-2.2	-195.3	-8.3	-0	-7
70	-1169.5	76.5	-9.4	-201.1	-15.2	-1	-13
80	-1066.9	137.2	-20.6	-181.6	-23.2	-3	-21
90	-1048.4	194.5	-31.2	-178.1	-31.3	-5	-29
100	-1026.2	228.2	-37.1	-173.2	-35.5	-7	-33
110	-1094.5	251.4	-41.4	-185.1	-38.5	-8	-33
120	-1062.2	231.1	-38.2	-179.3	-37.7	-7	-34
130	-1039.0	211.1	-35.5	-175.6	-38.7	-7	-36
140	-1196.2	222.5	-39.0	-201.4	-45.4	-7	-37
150	-1730.9	298.5	-61.9	-285.4	-63.4	-6	-36
160	-1109.9	332.5	-68.3	-184.8	-44.5	-11	-37
170	-364.2	395.1	-74.9	-38.7	-16.0	-22	-20
180	293.0	221.0	-50.4	88.3	9.2	15	-20
190	152.9	21.5	-7.1	34.6	4.5	4	-29
200	280.7	9.7	-4.5	54.5	6.8	1	-24
210	345.4	44.3	-10.2	62.8	7.4	3	-21
220	238.4	18.9	-5.0	42.0	.7	0	-3
230	365.9	16.9	-4.1	64.2	-1.6	-0	4
240	455.1	12.8	-3.7	80.5	-2.8	-0	6
250	477.7	-30.9	4.8	82.6	-9.9	1	21
260	552.4	-44.3	7.5	96.9	-13.2	2	24
270	565.1	-50.9	9.3	99.3	-15.3	2	27
280	568.7	-53.6	10.9	99.9	-18.1	3	32
290	628.8	-51.2	11.2	109.5	-22.1	3	35
300	542.6	-41.0	10.1	94.7	-19.2	3	35
310	383.2	-27.0	6.7	66.2	-14.7	3	38
320	305.2	-36.4	8.6	52.5	-12.6	5	41
330	207.3	-37.5	8.6	36.2	-9.0	8	42
340	100.2	-38.3	8.0	16.6	-4.3	14	38
350	20.7	-32.7	7.6	2.1	.0	-0	-0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN														
WIND DIRECTION 0		CONFIGURATION A		REFERENCE PRESSURE 38.0 PSF										
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00													
1ST	12.58													
2ND	22.25													
3RD	31.38													
4TH	41.54													
5TH	50.54													
6TH	59.54													
7TH	68.54													
8TH	77.54													
9TH	86.54													
10TH	95.54													
11TH	104.54													
12TH	113.54													
13TH	122.54													
14TH	131.54													
15TH	140.54													
16TH	149.54													
17TH	158.54													
18TH	167.54													
19TH	176.54													
20TH	185.54													
21ST	194.54													
22ND	203.54													
23RD	212.54													
24TH	221.54													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-32.8	-11.4	.8	-2.1	1.7
26TH	239.54	-1.7	-.6	2279	2261	-.8	-.3	-24	71	-31.1	-10.8	.7	-1.8	1.6
27TH	248.54	-1.9	-.6	2279	2261	-.8	-.3	-23	68	-29.2	-10.2	.6	-1.6	1.4
28TH	257.54	-2.0	-.7	2279	2261	-.9	-.3	-21	64	-27.1	-9.6	.5	-1.3	1.3
29TH	266.54	-2.2	-.7	2279	2261	-1.0	-.3	-19	61	-24.9	-8.9	.4	-1.1	1.1
30TH	275.54	-2.4	-.7	2279	2261	-1.1	-.3	-18	58	-22.5	-8.1	.4	-.9	1.0
31ST	284.54	-2.6	-.8	2279	2261	-1.1	-.3	-17	56	-19.9	-7.4	.3	-.7	.8
32ND	293.54	-2.8	-.8	2279	2261	-1.2	-.4	-16	54	-17.1	-6.6	.2	-.5	.7
33RD	302.54	-3.0	-.9	2279	2261	-1.3	-.4	-16	53	-14.1	-5.7	.2	-.4	.5
ROOF	314.38	-4.1	-1.2	2997	2973	-1.4	-.4	-16	53	-10.0	-4.5	.1	-.2	.3
MECH	328.50	-3.5	-1.4	3017	2994	-1.2	-.5	-15	37	-6.5	-3.1	.1	-.1	.1
ELEV	337.17	-1.7	-.9	1309	1302	-1.3	-.7	-9	19	-4.7	-2.2	.0	-.1	.1
TANK	345.83	-1.5	-.6	659	651	-2.3	-1.0	-6	13	-3.2	-1.6	.0	-.0	.0
TOP	363.08	-3.2	-1.6	1244	1226	-2.6	-1.3	-6	12	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	-4.1	1.6	3187	3162	-1.3	.5	14	37	-95.7	-11.9	3.9	-18.2	5.7
1ST	12.58	-1.3	1.1	2448	2429	-.5	.5	70	81	-91.5	-13.5	3.7	-17.0	5.6
2ND	22.25	-.4	.7	2311	2293	-.2	.3	196	112	-90.2	-14.6	3.6	-16.1	5.4
3RD	31.38	-.3	-.1	2575	2555	-.1	-.0	-106	492	-89.8	-15.3	3.5	-15.3	5.2
4TH	41.54	-2.1	-.0	2279	2261	-.9	-.0	-0	45	-89.6	-15.2	3.3	-14.4	5.1
5TH	50.54	-2.2	-.0	2279	2261	-1.0	-.0	-1	46	-87.4	-15.2	3.2	-13.6	5.0
6TH	59.54	-2.2	-.1	2279	2261	-1.0	-.0	-1	48	-85.2	-15.2	3.0	-12.8	4.9
7TH	68.54	-2.2	-.1	2279	2261	-1.0	-.0	-2	51	-83.0	-15.1	2.9	-12.1	4.8
8TH	77.54	-2.2	-.1	2279	2261	-1.0	-.0	-2	53	-80.8	-15.0	2.8	-11.3	4.6
9TH	86.54	-2.2	-.1	2279	2261	-1.0	-.0	-3	56	-78.5	-14.9	2.6	-10.6	4.5
10TH	95.54	-2.3	-.1	2279	2261	-1.0	-.1	-3	57	-76.3	-14.8	2.5	-9.9	4.4
11TH	104.54	-2.3	-.1	2279	2261	-1.0	-.1	-4	58	-74.0	-14.7	2.4	-9.3	4.3
12TH	113.54	-2.3	-.2	2279	2261	-1.0	-.1	-4	58	-71.7	-14.5	2.2	-8.6	4.1
13TH	122.54	-2.4	-.2	2279	2261	-1.0	-.1	-4	58	-69.4	-14.4	2.1	-8.0	4.0
14TH	131.54	-2.4	-.2	2279	2261	-1.1	-.1	-4	58	-67.0	-14.2	2.0	-7.4	3.9
15TH	140.54	-2.5	-.2	2279	2261	-1.1	-.1	-5	58	-64.6	-14.0	1.8	-6.8	3.7
16TH	149.54	-2.5	-.2	2279	2261	-1.1	-.1	-5	58	-62.2	-13.8	1.7	-6.2	3.6
17TH	158.54	-2.6	-.3	2279	2261	-1.1	-.1	-6	58	-59.6	-13.6	1.6	-5.6	3.4
18TH	167.54	-2.7	-.3	2279	2261	-1.2	-.1	-7	58	-57.0	-13.3	1.5	-5.1	3.3
19TH	176.54	-2.7	-.3	2279	2261	-1.2	-.2	-7	57	-54.4	-13.0	1.4	-4.6	3.1
20TH	185.54	-2.8	-.4	2279	2261	-1.2	-.2	-8	57	-51.6	-12.7	1.2	-4.1	3.0
21ST	194.54	-2.9	-.4	2279	2261	-1.3	-.2	-8	58	-48.8	-12.3	1.1	-3.7	2.8
22ND	203.54	-2.9	-.4	2279	2261	-1.3	-.2	-9	58	-46.0	-11.9	1.0	-3.3	2.6
23RD	212.54	-2.9	-.5	2279	2261	-1.3	-.2	-9	58	-43.1	-11.4	.9	-2.9	2.5
24TH	221.54	-3.0	-.5	2279	2261	-1.3	-.2	-10	59	-40.1	-10.9	.8	-2.5	2.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									-37.2	-10.4	.7	-2.1	2.1
26TH	239.54	-3.0	-.5	2279	2261	-1.3	-.2	-11	59	-34.1	-9.9	.6	-1.8	1.9
27TH	248.54	-3.1	-.6	2279	2261	-1.3	-.3	-11	60	-31.1	-9.3	.5	-1.5	1.7
28TH	257.54	-3.1	-.6	2279	2261	-1.3	-.3	-12	60	-28.0	-8.7	.5	-1.3	1.5
29TH	266.54	-3.1	-.6	2279	2261	-1.3	-.3	-13	61	-24.9	-8.1	.4	-1.0	1.3
30TH	275.54	-3.1	-.7	2279	2261	-1.3	-.3	-14	61	-21.9	-7.4	.3	-.8	1.2
31ST	284.54	-3.0	-.7	2279	2261	-1.3	-.3	-14	62	-18.8	-6.7	.2	-.6	1.0
32ND	293.54	-3.0	-.8	2279	2261	-1.3	-.4	-15	62	-15.8	-5.9	.2	-.5	.8
33RD	302.54	-3.9	-1.1	2997	2973	-1.3	-.4	-17	65	-12.8	-5.2	.1	-.3	.5
ROOF	314.38	-2.9	-1.5	3017	2994	-1.0	-.5	-19	67	-8.9	-4.0	.1	-.2	.3
MECH	328.50	-1.5	-.8	1309	1302	-1.1	-.6	-20	39	-5.9	-2.5	.0	-.1	.1
ELEV	337.17	-1.4	-.5	659	651	-2.1	-.7	-9	17	-4.4	-1.7	.0	-.1	.1
TANK	345.83	-3.1	-1.2	1244	1226	-2.1	-.7	-6	17	-3.1	-1.2	.0	-.0	.1
TOP	363.08					-2.5	-1.0	-6	15	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-163.9	-37.2	8.1	-29.2	8.0
1ST	12.58	-5.5	-2	3187	3162	-1.7	-.1	-1	23	-158.5	-37.0	7.6	-27.2	7.9
2ND	22.25	-2.8	-.5	2448	2429	-1.2	-.2	-8	42	-155.6	-36.5	7.2	-25.6	7.7
3RD	31.38	-2.1	-.7	2311	2293	-.9	-.3	-17	53	-153.5	-35.8	6.9	-24.2	7.6
4TH	41.54	-2.5	-.7	2575	2555	-1.0	-.3	-14	52	-151.0	-35.2	6.5	-22.7	7.5
5TH	50.54	-4.5	-.2	2279	2261	-2.0	-.1	-1	33	-146.5	-35.0	6.2	-21.3	7.3
6TH	59.54	-4.5	-.3	2279	2261	-2.0	-.1	-2	35	-142.0	-34.7	5.9	-20.0	7.2
7TH	68.54	-4.4	-.3	2279	2261	-1.9	-.2	-3	38	-137.6	-34.4	5.6	-18.8	7.0
8TH	77.54	-4.3	-.4	2279	2261	-1.9	-.2	-4	40	-133.3	-33.9	5.3	-17.6	6.8
9TH	86.54	-4.2	-.5	2279	2261	-1.9	-.2	-5	43	-129.0	-33.4	5.0	-16.4	6.6
10TH	95.54	-4.2	-.6	2279	2261	-1.8	-.3	-6	46	-124.9	-32.9	4.7	-15.2	6.4
11TH	104.54	-4.2	-.6	2279	2261	-1.8	-.3	-7	47	-120.7	-32.2	4.4	-14.1	6.2
12TH	113.54	-4.2	-.7	2279	2261	-1.9	-.3	-7	47	-116.5	-31.6	4.1	-13.1	6.0
13TH	122.54	-4.3	-.7	2279	2261	-1.9	-.3	-8	48	-112.2	-30.9	3.8	-12.0	5.8
14TH	131.54	-4.4	-.7	2279	2261	-1.9	-.3	-8	48	-107.8	-30.1	3.6	-11.1	5.6
15TH	140.54	-4.5	-.8	2279	2261	-2.0	-.3	-8	48	-103.3	-29.3	3.3	-10.1	5.4
16TH	149.54	-4.5	-.8	2279	2261	-2.0	-.4	-9	48	-98.8	-28.5	3.0	-9.2	5.2
17TH	158.54	-4.6	-.9	2279	2261	-2.0	-.4	-9	48	-94.2	-27.6	2.8	-8.3	4.9
18TH	167.54	-4.7	-.9	2279	2261	-2.1	-.4	-10	48	-89.5	-26.7	2.5	-7.5	4.7
19TH	176.54	-4.8	-1.0	2279	2261	-2.1	-.4	-10	47	-84.6	-25.7	2.3	-6.7	4.5
20TH	185.54	-4.9	-1.1	2279	2261	-2.2	-.5	-10	47	-79.7	-24.6	2.1	-6.0	4.2
21ST	194.54	-5.0	-1.1	2279	2261	-2.2	-.5	-11	47	-74.7	-23.5	1.9	-5.3	4.0
22ND	203.54	-5.0	-1.2	2279	2261	-2.2	-.5	-11	47	-69.7	-22.3	1.7	-4.6	3.7
23RD	212.54	-5.0	-1.2	2279	2261	-2.2	-.5	-12	48	-64.7	-21.1	1.5	-4.0	3.5
24TH	221.54	-5.0	-1.3	2279	2261	-2.2	-.6	-12	48	-59.7	-19.8	1.3	-3.5	3.2
		-4.9	-1.3	2279	2261	-2.2	-.6	-13	49					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN														
WIND DIRECTION 20		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									-54.8	-18.5	1.1	-3.0	3.0
26TH	239.54	-4.9	-1.3	2279	2261	-2.2	-.6	-13	50	-49.8	-17.2	.9	-2.5	2.7
27TH	248.54	-4.9	-1.4	2279	2261	-2.1	-.6	-14	50	-45.0	-15.8	.8	-2.1	2.4
28TH	257.54	-4.8	-1.4	2279	2261	-2.1	-.6	-15	52	-40.1	-14.4	.7	-1.7	2.2
29TH	266.54	-4.8	-1.4	2279	2261	-2.1	-.6	-16	53	-35.3	-13.0	.5	-1.3	1.9
30TH	275.54	-4.8	-1.5	2279	2261	-2.1	-.7	-17	55	-30.6	-11.5	.4	-1.0	1.6
31ST	284.54	-4.7	-1.5	2279	2261	-2.1	-.7	-18	56	-25.9	-10.0	.3	-.8	1.3
32ND	293.54	-4.7	-1.5	2279	2261	-2.0	-.7	-19	57	-21.2	-8.5	.2	-.6	1.0
33RD	302.54	-4.6	-1.5	2279	2261	-2.0	-.7	-19	59	-16.6	-7.0	.2	-.4	.7
ROOF	314.38	-5.9	-1.8	2997	2973	-2.0	-.6	-19	60	-10.7	-5.1	.1	-.2	.3
MECH	328.50	-4.0	-2.2	3017	2994	-1.3	-.8	-19	35	-6.7	-2.9	.0	-.1	.1
ELEV	337.17	-1.6	-1.1	1309	1302	-1.2	-.8	-12	19	-5.1	-1.8	.0	-.1	.1
TANK	345.83	-1.5	-.5	659	651	-2.3	-.8	-6	18	-3.5	-1.3	.0	-.0	.1
TOP	363.08	-3.5	-1.3	1244	1226	-2.8	-1.1	-6	16	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 30

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00									-197.8	-45.6	9.0	-35.2	6.5
1ST	12.58	-5.8	-1.5	3187	3162	-1.8	-.5	-4	16	-192.1	-44.1	8.4	-32.8	6.4
2ND	22.25	-4.1	-1.0	2448	2429	-1.7	-.4	-4	16	-188.0	-43.1	8.0	-31.0	6.4
3RD	31.38	-3.6	-.9	2311	2293	-1.6	-.4	-4	18	-184.4	-42.2	7.6	-29.3	6.3
4TH	41.54	-3.8	-.9	2575	2555	-1.5	-.4	-5	22	-180.5	-41.3	7.2	-27.4	6.2
5TH	50.54	-5.3	-.4	2279	2261	-2.3	-.2	-2	22	-175.2	-40.9	6.8	-25.8	6.1
6TH	59.54	-5.3	-.5	2279	2261	-2.3	-.2	-2	24	-169.9	-40.5	6.5	-24.3	6.0
7TH	68.54	-5.2	-.5	2279	2261	-2.3	-.2	-3	26	-164.7	-39.9	6.1	-22.7	5.8
8TH	77.54	-5.1	-.6	2279	2261	-2.2	-.3	-3	28	-159.6	-39.3	5.8	-21.3	5.7
9TH	86.54	-5.0	-.7	2279	2261	-2.2	-.3	-4	30	-154.6	-38.6	5.4	-19.9	5.5
10TH	95.54	-4.9	-.8	2279	2261	-2.2	-.4	-5	33	-149.7	-37.8	5.1	-18.5	5.4
11TH	104.54	-4.9	-.9	2279	2261	-2.2	-.4	-6	34	-144.8	-36.9	4.7	-17.2	5.2
12TH	113.54	-4.9	-.9	2279	2261	-2.2	-.4	-6	34	-139.8	-36.0	4.4	-15.9	5.0
13TH	122.54	-5.0	-1.0	2279	2261	-2.2	-.4	-7	34	-134.8	-35.1	4.1	-14.7	4.8
14TH	131.54	-5.0	-1.0	2279	2261	-2.2	-.4	-7	34	-129.8	-34.0	3.8	-13.5	4.7
15TH	140.54	-5.1	-1.1	2279	2261	-2.2	-.5	-7	34	-124.7	-33.0	3.5	-12.3	4.5
16TH	149.54	-5.1	-1.1	2279	2261	-2.3	-.5	-7	34	-119.6	-31.9	3.2	-11.2	4.3
17TH	158.54	-5.2	-1.2	2279	2261	-2.3	-.5	-8	35	-114.4	-30.7	2.9	-10.2	4.1
18TH	167.54	-5.3	-1.2	2279	2261	-2.3	-.5	-8	35	-109.0	-29.5	2.6	-9.2	3.9
19TH	176.54	-5.4	-1.3	2279	2261	-2.4	-.6	-8	36	-103.6	-28.2	2.4	-8.2	3.7
20TH	185.54	-5.5	-1.3	2279	2261	-2.4	-.6	-9	36	-98.1	-26.9	2.1	-7.3	3.5
21ST	194.54	-5.6	-1.4	2279	2261	-2.5	-.6	-9	36	-92.4	-25.5	1.9	-6.4	3.3
22ND	203.54	-5.7	-1.4	2279	2261	-2.5	-.6	-9	36	-86.7	-24.1	1.7	-5.6	3.0
23RD	212.54	-5.8	-1.5	2279	2261	-2.6	-.6	-9	36	-80.8	-22.6	1.4	-4.9	2.8
24TH	221.54	-5.9	-1.5	2279	2261	-2.6	-.7	-9	36	-74.9	-21.1	1.2	-4.2	2.6
		-6.1	-1.6	2279	2261	-2.7	-.7	-9	36					

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TABLE 7. SHEAR AND MOMENT DIAGRAMS :		MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN												
WIND DIRECTION 30		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54	-6.2	-1.6	2279	2261	-2.7	-.7	-9	36	-60.8	-19.6	1.1	-3.5	2.4
26TH	239.54	-6.2	-1.6	2279	2261	-2.7	-.7	-9	36	-62.7	-18.0	.9	-2.9	2.1
27TH	248.54	-6.3	-1.7	2279	2261	-2.8	-.7	-9	35	-56.4	-16.3	.7	-2.4	1.9
28TH	257.54	-6.3	-1.7	2279	2261	-2.8	-.8	-9	34	-50.1	-14.7	.6	-1.9	1.6
29TH	266.54	-6.4	-1.7	2279	2261	-2.8	-.8	-9	34	-43.8	-12.9	.5	-1.5	1.4
30TH	275.54	-6.4	-1.8	2279	2261	-2.8	-.8	-9	33	-37.5	-11.2	.4	-1.1	1.2
31ST	284.54	-6.5	-1.8	2279	2261	-2.8	-.8	-9	33	-31.0	-9.4	.3	-.8	.9
32ND	293.54	-6.1	-1.7	2279	2261	-2.7	-.7	-9	34	-24.6	-7.7	.2	-.6	.7
33RD	302.54	-7.5	-2.0	2997	2973	-2.5	-.7	-10	36	-18.5	-6.0	.1	-.4	.5
ROOF	314.38	-5.3	-1.8	3017	2994	-1.8	-.6	-6	18	-10.9	-3.9	.1	-.2	.2
MECH	328.50	-1.6	-.8	1309	1302	-1.2	-.6	-7	14	-5.6	-2.1	.0	-.1	.1
ELEV	337.17	-1.0	-.3	659	651	-1.6	-.5	-6	20	-4.1	-1.3	.0	-.1	.1
TANK	345.83	-3.0	-1.0	1244	1226	-2.4	-.8	-5	15	-3.0	-1.0	.0	-.0	.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00	-12.4	-1.7	3187	3162	-3.9	-1.5	-1	5	-519.6	-53.4	10.9	-91.5	4.8
1ST	12.58	-9.6	-1.0	2448	2429	-3.9	-1.4	-1	6	-507.2	-51.8	10.3	-85.0	4.8
2ND	22.25	-9.3	-1.7	2311	2293	-4.0	-1.3	-0	6	-497.6	-50.8	9.8	-80.2	4.7
3RD	31.38	-10.8	-1.5	2575	2555	-4.2	-1.2	-0	6	-488.3	-50.1	9.3	-75.7	4.7
4TH	41.54	-14.4	-1.2	2279	2261	-6.3	-1.1	-0	3	-477.5	-49.6	8.8	-70.8	4.6
5TH	50.54	-14.2	-1.3	2279	2261	-6.3	-1.1	-0	3	-463.1	-49.4	8.4	-66.6	4.6
6TH	59.54	-14.0	-1.5	2279	2261	-6.1	-1.2	-0	4	-448.9	-49.1	7.9	-62.4	4.5
7TH	68.54	-13.7	-1.6	2279	2261	-6.0	-1.3	-0	5	-434.9	-48.6	7.5	-58.5	4.5
8TH	77.54	-13.4	-1.7	2279	2261	-5.9	-1.3	-0	6	-421.3	-48.0	7.1	-54.6	4.4
9TH	86.54	-13.1	-1.8	2279	2261	-5.7	-1.4	-0	7	-407.9	-47.3	6.6	-50.9	4.3
10TH	95.54	-13.1	-1.9	2279	2261	-5.7	-1.4	-1	8	-394.8	-46.5	6.2	-47.3	4.2
11TH	104.54	-13.4	-1.0	2279	2261	-5.9	-1.4	-1	8	-381.7	-45.6	5.8	-43.8	4.1
12TH	113.54	-13.6	-1.1	2279	2261	-6.0	-1.5	-1	8	-368.3	-44.6	5.4	-40.4	4.0
13TH	122.54	-13.9	-1.1	2279	2261	-6.1	-1.5	-1	8	-354.7	-43.5	5.0	-37.2	3.9
14TH	131.54	-14.2	-1.2	2279	2261	-6.2	-1.5	-1	8	-340.8	-42.4	4.6	-34.0	3.8
15TH	140.54	-14.5	-1.3	2279	2261	-6.4	-1.6	-1	8	-326.6	-41.2	4.2	-31.0	3.7
16TH	149.54	-14.7	-1.3	2279	2261	-6.5	-1.6	-1	9	-312.1	-39.9	3.9	-28.1	3.6
17TH	158.54	-14.9	-1.4	2279	2261	-6.6	-1.6	-1	9	-297.4	-38.5	3.5	-25.4	3.4
18TH	167.54	-15.2	-1.5	2279	2261	-6.7	-1.7	-1	10	-282.4	-37.1	3.2	-22.8	3.3
19TH	176.54	-15.4	-1.6	2279	2261	-6.8	-1.7	-1	10	-267.3	-35.6	2.8	-20.3	3.1
20TH	185.54	-15.6	-1.7	2279	2261	-6.9	-1.7	-1	10	-251.9	-34.0	2.5	-18.0	3.0
21ST	194.54	-15.8	-1.8	2279	2261	-6.9	-1.8	-1	11	-236.2	-32.4	2.2	-15.8	2.8
22ND	203.54	-16.0	-1.9	2279	2261	-7.0	-1.8	-1	12	-220.4	-30.6	1.9	-13.7	2.6
23RD	212.54	-16.2	-2.0	2279	2261	-7.1	-1.9	-1	12	-204.4	-28.8	1.7	-11.8	2.5
24TH	221.54	-16.3	-2.1	2279	2261	-7.2	-1.9	-2	13	-188.3	-26.8	1.4	-10.1	2.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54									-172.0	-24.7	1.2	-8.4	2.1
26TH	239.54	-16.5	-2.2	2279	2261	-7.2	-1.0	-2	13	-155.5	-22.5	1.0	-7.0	1.8
27TH	248.54	-16.6	-2.3	2279	2261	-7.3	-1.0	-2	14	-138.9	-20.2	.8	-5.6	1.6
28TH	257.54	-16.5	-2.3	2279	2261	-7.3	-1.0	-2	14	-122.3	-17.9	.6	-4.5	1.4
29TH	266.54	-16.5	-2.4	2279	2261	-7.2	-1.1	-2	14	-105.9	-15.5	.5	-3.4	1.1
30TH	275.54	-16.4	-2.5	2279	2261	-7.2	-1.1	-2	14	-89.4	-13.0	.3	-2.6	.9
31ST	284.54	-16.4	-2.5	2279	2261	-7.2	-1.1	-2	14	-73.1	-10.5	.2	-1.8	.7
32ND	293.54	-16.3	-2.6	2279	2261	-7.2	-1.1	-2	13	-56.8	-7.9	.2	-1.2	.5
33RD	302.54	-15.2	-2.3	2279	2261	-6.7	-1.0	-2	13	-41.6	-5.5	.1	-.8	.3
ROOF	314.38	-18.0	-2.6	2997	2973	-6.0	-.9	-2	12	-23.5	-2.9	.0	-.4	.0
MECH	328.50	-13.6	-1.7	3017	2994	-4.5	-.6	-0	1	-10.0	-1.2	.0	-.2	.0
ELEV	337.17	-3.3	-.7	1309	1302	-2.5	-.6	-0	2	-6.7	-.5	.0	-.1	.0
TANK	345.83	-1.2	-.2	659	651	-1.9	-.3	-1	6	-5.4	-.3	.0	-.0	.0
TOP	363.08	-5.4	-.3	1244	1226	-4.4	-.3	-0	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 50		CONFIGURATION A		MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN REFERENCE PRESSURE 38.0 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	
GRND	0.00	-20.1	4.4	3187	3162	-6.3	1.4	-0	-1	-883.1	3.7	1.8	-154.5	-4.6	
1ST	12.58	-14.2	2.6	2448	2429	-5.8	1.1	-0	-0	-863.0	-1.7	1.8	-143.5	-4.5	
2ND	22.25	-12.8	1.7	2311	2293	-5.6	.8	-0	-1	-848.8	-3.3	1.8	-135.2	-4.5	
3RD	31.38	-14.2	1.2	2575	2555	-5.5	.5	-0	-2	-835.9	-5.0	1.7	-127.5	-4.5	
4TH	41.54	-25.6	.9	2279	2261	-11.2	.4	-0	-7	-821.8	-6.2	1.7	-119.1	-4.5	
5TH	50.54	-25.7	.7	2279	2261	-11.3	.3	-0	-7	-796.2	-7.1	1.6	-111.8	-4.3	
6TH	59.54	-25.3	.6	2279	2261	-11.1	.3	-0	-7	-770.5	-7.8	1.6	-104.8	-4.1	
7TH	68.54	-24.9	.5	2279	2261	-10.9	.2	-0	-7	-745.1	-8.4	1.5	-98.0	-3.9	
8TH	77.54	-24.6	.4	2279	2261	-10.8	.2	-0	-7	-720.2	-8.9	1.4	-91.4	-3.7	
9TH	86.54	-24.2	.3	2279	2261	-10.6	.2	-0	-7	-695.6	-9.3	1.3	-85.0	-3.5	
10TH	95.54	-24.2	.2	2279	2261	-10.6	.1	-0	-7	-671.4	-9.7	1.2	-78.9	-3.4	
11TH	104.54	-24.6	.2	2279	2261	-10.8	.1	-0	-7	-647.2	-9.9	1.1	-72.9	-3.2	
12TH	113.54	-25.0	.1	2279	2261	-10.9	.0	-0	-6	-622.7	-10.1	1.1	-67.2	-3.0	
13TH	122.54	-25.3	-.0	2279	2261	-11.1	-.0	0	-6	-597.7	-10.1	1.0	-61.7	-2.9	
14TH	131.54	-25.7	-.1	2279	2261	-11.3	-.1	0	-6	-572.4	-10.1	.9	-56.4	-2.7	
15TH	140.54	-26.1	-.2	2279	2261	-11.4	-.1	0	-5	-546.7	-10.0	.8	-51.4	-2.6	
16TH	149.54	-26.2	-.3	2279	2261	-11.5	-.1	0	-5	-520.6	-9.7	.7	-46.6	-2.5	
17TH	158.54	-26.3	-.4	2279	2261	-11.5	-.2	0	-4	-494.4	-9.4	.6	-42.0	-2.3	
18TH	167.54	-26.4	-.5	2279	2261	-11.6	-.2	0	-4	-468.1	-9.1	.5	-37.7	-2.2	
19TH	176.54	-26.5	-.5	2279	2261	-11.6	-.2	0	-4	-441.7	-8.6	.4	-33.6	-2.1	
20TH	185.54	-26.6	-.6	2279	2261	-11.7	-.3	0	-3	-415.2	-8.1	.4	-29.8	-2.0	
21ST	194.54	-26.7	-.6	2279	2261	-11.7	-.3	0	-3	-388.6	-7.5	.3	-26.1	-1.9	
22ND	203.54	-26.7	-.7	2279	2261	-11.7	-.3	0	-3	-362.0	-6.8	.2	-22.8	-1.8	
23RD	212.54	-26.7	-.7	2279	2261	-11.7	-.3	0	-3	-335.3	-6.2	.2	-19.6	-1.7	
24TH	221.54	-26.8	-.7	2279	2261	-11.8	-.3	0	-3	-308.5	-5.5	.1	-16.7	-1.6	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 50
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-281.7	-4.7	.1	-14.1	-1.6
26TH	239.54	-26.8	-.8	2279	2261	-11.8	-.3	0	-3	-254.9	-3.9	.0	-11.7	-1.5
27TH	248.54	-26.8	-.8	2279	2261	-11.8	-.3	0	-3	-228.1	-3.1	.0	-9.5	-1.4
28TH	257.54	-26.5	-.8	2279	2261	-11.6	-.3	0	-4	-201.6	-2.4	-.0	-7.5	-1.3
29TH	266.54	-26.3	-.7	2279	2261	-11.5	-.3	0	-5	-175.3	-1.7	-.0	-5.9	-1.2
30TH	275.54	-26.1	-.7	2279	2261	-11.4	-.3	0	-5	-149.2	-1.0	-.0	-4.4	-1.0
31ST	284.54	-25.8	-.7	2279	2261	-11.3	-.3	0	-6	-123.4	-.3	-.0	-3.2	-.9
32ND	293.54	-25.6	-.6	2279	2261	-11.2	-.3	0	-6	-97.8	.3	-.0	-2.2	-.7
33RD	302.54	-24.3	-.5	2279	2261	-10.7	-.2	0	-7	-73.5	.9	-.0	-1.4	-.5
ROOF	314.38	-30.0	-.5	2997	2973	-10.0	-.2	0	-8	-43.5	1.4	-.0	-.7	-.3
MECH	328.50	-26.0	.3	3017	2994	-8.6	.1	-0	-10	-17.5	1.1	-.0	-.3	-.0
ELEV	337.17	-6.7	.6	1309	1302	-5.1	.4	-0	-3	-10.7	.5	-.0	-.2	-.0
TANK	345.83	-2.4	.2	659	651	-3.6	.3	0	1	-8.3	.3	-.0	-.1	-.0
TOP	363.08	-8.3	.3	1244	1226	-6.7	.2	-0	-2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	-30.0	6.2	3187	3162	-9.4	2.0	-0	-2	-1120.8	34.1	-2.2	-195.3	-8.3
1ST	12.58	-20.7	4.6	2448	2429	-8.4	1.9	-0	-1	-1090.9	27.9	-1.8	-181.4	-8.2
2ND	22.25	-18.3	4.0	2311	2293	-7.9	1.7	-0	-1	-1070.2	23.3	-1.6	-171.0	-8.2
3RD	31.38	-19.9	3.9	2575	2555	-7.7	1.5	-0	-1	-1051.9	19.3	-1.4	-161.3	-8.2
4TH	41.54	-31.1	1.5	2279	2261	-13.6	.7	-0	-9	-1032.0	15.3	-1.2	-150.7	-8.2
5TH	50.54	-31.4	1.3	2279	2261	-13.8	.6	-0	-10	-1000.9	13.8	-1.1	-141.5	-7.9
6TH	59.54	-31.2	1.3	2279	2261	-13.7	.6	-0	-10	-969.5	12.5	-1.0	-132.7	-7.6
7TH	68.54	-31.1	1.2	2279	2261	-13.6	.6	-0	-11	-938.2	11.3	-.9	-124.1	-7.2
8TH	77.54	-30.9	1.2	2279	2261	-13.5	.5	-0	-11	-907.2	10.0	-.8	-115.8	-6.9
9TH	86.54	-30.7	1.2	2279	2261	-13.5	.5	-0	-11	-876.3	8.8	-.7	-107.8	-6.6
10TH	95.54	-30.7	1.1	2279	2261	-13.5	.5	-0	-11	-845.6	7.6	-.6	-100.0	-6.2
11TH	104.54	-30.9	1.0	2279	2261	-13.6	.4	-0	-11	-815.0	6.5	-.5	-92.5	-5.9
12TH	113.54	-31.1	.9	2279	2261	-13.7	.4	-0	-11	-784.1	5.5	-.5	-85.3	-5.5
13TH	122.54	-31.4	.7	2279	2261	-13.8	.3	-0	-10	-752.9	4.7	-.4	-78.4	-5.2
14TH	131.54	-31.6	.6	2279	2261	-13.9	.3	-0	-10	-721.6	3.9	-.4	-71.8	-4.9
15TH	140.54	-31.8	.5	2279	2261	-14.0	.2	-0	-9	-690.0	3.3	-.4	-65.4	-4.6
16TH	149.54	-32.1	.4	2279	2261	-14.1	.2	-0	-9	-658.2	2.9	-.3	-59.4	-4.3
17TH	158.54	-32.4	.3	2279	2261	-14.2	.1	-0	-9	-626.1	2.5	-.3	-53.6	-4.0
18TH	167.54	-32.6	.2	2279	2261	-14.3	.1	-0	-8	-593.8	2.2	-.3	-48.1	-3.7
19TH	176.54	-32.9	.1	2279	2261	-14.4	.1	-0	-8	-561.1	2.0	-.3	-42.9	-3.5
20TH	185.54	-33.2	.0	2279	2261	-14.6	.0	-0	-7	-528.2	1.9	-.3	-38.0	-3.2
21ST	194.54	-33.4	.0	2279	2261	-14.6	.0	-0	-7	-495.0	1.8	-.2	-33.4	-3.0
22ND	203.54	-33.5	.0	2279	2261	-14.7	.0	-0	-7	-461.6	1.8	-.2	-29.1	-2.7
23RD	212.54	-33.7	.0	2279	2261	-14.8	.0	-0	-7	-428.1	1.8	-.2	-25.1	-2.5
24TH	221.54	-33.8	.0	2279	2261	-14.8	.0	-0	-7	-394.4	1.8	-.2	-21.4	-2.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54	-34.0	-0.0	2279	2261	-14.9	-0.0	0	-7	-360.6	1.8	-0.2	-18.0	-2.0
26TH	239.54	-34.0	-0.0	2279	2261	-14.9	-0.0	0	-6	-326.6	1.8	-0.2	-14.9	-1.8
27TH	248.54	-33.9	-0.0	2279	2261	-14.9	-0.0	0	-6	-292.6	1.8	-0.1	-12.1	-1.6
28TH	257.54	-33.7	-0.0	2279	2261	-14.8	-0.0	0	-6	-258.7	1.8	-0.1	-9.6	-1.4
29TH	266.54	-33.6	-0.0	2279	2261	-14.7	-0.0	0	-6	-225.0	1.8	-0.1	-7.4	-1.2
30TH	275.54	-33.5	-0.0	2279	2261	-14.7	-0.0	0	-6	-191.4	1.8	-0.1	-5.6	-0.9
31ST	284.54	-33.3	.0	2279	2261	-14.6	.0	-0	-6	-157.9	1.8	-0.1	-4.0	-0.7
32ND	293.54	-31.5	-0.0	2279	2261	-13.8	-0.0	0	-6	-124.6	1.8	-0.1	-2.7	-0.5
33RD	302.54	-38.5	-0.1	2997	2973	-12.8	-0.0	0	-5	-93.0	1.8	-0.0	-1.8	-0.4
ROOF	314.38	-33.3	.7	3017	2994	-11.0	.2	-0	-5	-54.6	2.0	-0.0	-0.9	-0.1
MECH	328.50	-8.1	1.2	1309	1302	-6.2	.9	0	2	-21.3	1.3	-0.0	-0.3	.0
ELEV	337.17	-2.7	.3	659	651	-4.0	.4	0	4	-13.3	.1	-0.0	-0.2	.0
TANK	345.83	-10.6	-0.2	1244	1226	-8.5	-0.1	0	-0	-10.6	-0.2	-0.0	-0.1	-0.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00									-1169.5	76.5	-9.4	-201.1	-15.2
1ST	12.58	-34.6	6.5	3187	3162	-10.9	2.1	-1	-5	-1134.9	70.0	-8.5	-186.6	-15.0
2ND	22.25	-24.3	5.5	2448	2429	-9.9	2.3	-1	-5	-1110.6	64.5	-7.8	-175.7	-14.9
3RD	31.38	-21.5	5.5	2311	2293	-9.3	2.4	-1	-4	-1089.1	59.0	-7.3	-165.7	-14.8
4TH	41.54	-22.8	6.4	2575	2555	-8.9	2.5	-0	-2	-1066.3	52.6	-6.7	-154.7	-14.7
5TH	50.54	-32.0	2.4	2279	2261	-14.1	1.1	-1	-13	-1034.2	50.2	-6.2	-145.3	-14.3
6TH	59.54	-32.5	2.2	2279	2261	-14.3	1.0	-1	-14	-1001.7	48.1	-5.8	-136.1	-13.9
7TH	68.54	-32.5	2.2	2279	2261	-14.2	1.0	-1	-14	-969.3	45.9	-5.4	-127.3	-13.4
8TH	77.54	-32.4	2.2	2279	2261	-14.2	1.0	-1	-15	-936.9	43.7	-5.0	-118.7	-12.9
9TH	86.54	-32.4	2.2	2279	2261	-14.2	1.0	-1	-15	-904.5	41.5	-4.6	-110.4	-12.4
10TH	95.54	-32.3	2.2	2279	2261	-14.2	1.0	-1	-16	-872.2	39.3	-4.2	-102.4	-11.9
11TH	104.54	-32.4	2.1	2279	2261	-14.2	1.0	-1	-16	-839.7	37.2	-3.9	-94.7	-11.4
12TH	113.54	-32.6	2.1	2279	2261	-14.3	.9	-1	-16	-807.1	35.1	-3.5	-87.3	-10.9
13TH	122.54	-32.8	2.0	2279	2261	-14.4	.9	-1	-16	-774.3	33.1	-3.2	-80.2	-10.3
14TH	131.54	-33.0	1.9	2279	2261	-14.5	.8	-1	-16	-741.2	31.2	-2.9	-73.4	-9.8
15TH	140.54	-33.3	1.8	2279	2261	-14.6	.8	-1	-16	-708.0	29.4	-2.7	-66.8	-9.3
16TH	149.54	-33.5	1.7	2279	2261	-14.7	.8	-1	-16	-674.5	27.6	-2.4	-60.6	-8.8
17TH	158.54	-33.5	1.7	2279	2261	-14.7	.7	-1	-15	-641.0	25.9	-2.2	-54.7	-8.3
18TH	167.54	-33.6	1.6	2279	2261	-14.7	.7	-1	-15	-607.4	24.3	-1.9	-49.1	-7.7
19TH	176.54	-33.7	1.6	2279	2261	-14.8	.7	-1	-15	-573.7	22.7	-1.7	-43.8	-7.2
20TH	185.54	-33.7	1.5	2279	2261	-14.8	.7	-1	-15	-540.0	21.2	-1.5	-38.8	-6.7
21ST	194.54	-33.8	1.5	2279	2261	-14.8	.7	-1	-15	-506.1	19.7	-1.4	-34.0	-6.2
22ND	203.54	-34.0	1.4	2279	2261	-14.9	.6	-1	-15	-472.2	18.3	-1.2	-29.6	-5.7
23RD	212.54	-34.2	1.4	2279	2261	-15.0	.6	-1	-14	-438.0	16.9	-1.0	-25.5	-5.2
24TH	221.54	-34.3	1.4	2279	2261	-15.1	.6	-1	-14	-403.7	15.5	-.9	-21.8	-4.7
		-34.5	1.3	2279	2261	-15.1	.6	-1	-14					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN														
WIND DIRECTION 70		CONFIGURATION A		REFERENCE PRESSURE 38.0 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
25TH	230.54	-34.7	1.3	2279	2261	-15.2	.6	-0	-13	-369.1	14.2	-.7	-18.3	-4.3
26TH	239.54	-34.8	1.3	2279	2261	-15.3	.6	-0	-13	-334.4	12.9	-.6	-15.1	-3.8
27TH	248.54	-34.8	1.3	2279	2261	-15.3	.6	-0	-13	-299.6	11.7	-.5	-12.3	-3.4
28TH	257.54	-34.8	1.3	2279	2261	-15.3	.6	-0	-13	-264.8	10.4	-.4	-9.7	-2.9
29TH	266.54	-34.8	1.3	2279	2261	-15.3	.6	-0	-13	-230.0	9.1	-.3	-7.5	-2.4
30TH	275.54	-34.8	1.3	2279	2261	-15.3	.6	-0	-13	-195.2	7.7	-.3	-5.6	-2.0
31ST	284.54	-34.8	1.3	2279	2261	-15.2	.6	-1	-13	-160.4	6.4	-.2	-4.0	-1.5
32ND	293.54	-32.7	1.1	2279	2261	-14.4	.5	-0	-12	-125.6	5.1	-.1	-2.7	-1.1
33RD	302.54	-39.6	.9	2997	2973	-13.2	.3	-0	-11	-92.9	4.0	-.1	-1.7	-.7
ROOF	314.38	-33.4	1.3	3017	2994	-11.1	.4	-0	-8	-53.3	3.0	-.1	-.8	-.3
MECH	328.50	-7.4	1.0	1309	1302	-5.7	.7	-0	-0	-19.9	1.7	-.0	-.3	-.0
ELEV	337.17	-2.2	.4	659	651	-3.3	.5	1	4	-12.5	.8	-.0	-.2	-.0
TANK	345.83	-10.3	.4	1244	1226	-8.3	.3	-0	-1	-10.3	.4	-.0	-.1	-.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 80

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	-34.7	6.8	3187	3162	-10.9	2.2	-1	-6	-1066.9	137.2	-20.6	-181.6	-23.2
1ST	12.58	-24.3	6.3	2448	2429	-9.9	2.6	-2	-6	-1032.2	130.4	-18.9	-168.3	-23.0
2ND	22.25	-21.3	6.9	2311	2293	-9.2	3.0	-2	-5	-1007.9	124.0	-17.7	-158.5	-22.8
3RD	31.38	-22.2	8.8	2575	2555	-8.6	3.5	-1	-3	-986.6	117.1	-16.6	-149.4	-22.7
4TH	41.54	-30.0	3.2	2279	2261	-13.1	1.4	-2	-19	-964.5	108.3	-15.5	-139.5	-22.6
5TH	50.54	-30.1	3.0	2279	2261	-13.2	1.3	-2	-20	-934.5	105.1	-14.5	-130.9	-22.0
6TH	59.54	-29.8	3.1	2279	2261	-13.1	1.4	-2	-21	-904.4	102.1	-13.6	-122.6	-21.4
7TH	68.54	-29.5	3.2	2279	2261	-13.0	1.4	-2	-22	-874.5	98.9	-12.7	-114.6	-20.8
8TH	77.54	-29.2	3.3	2279	2261	-12.8	1.5	-3	-23	-845.0	95.7	-11.8	-106.9	-20.1
9TH	86.54	-29.0	3.4	2279	2261	-12.7	1.5	-3	-24	-815.7	92.4	-10.9	-99.4	-19.5
10TH	95.54	-29.0	3.5	2279	2261	-12.7	1.6	-3	-24	-786.8	88.9	-10.1	-92.2	-18.8
11TH	104.54	-29.3	3.5	2279	2261	-12.9	1.6	-3	-24	-757.8	85.4	-9.3	-85.3	-18.1
12TH	113.54	-29.6	3.6	2279	2261	-13.0	1.6	-3	-25	-728.5	81.9	-8.6	-78.6	-17.3
13TH	122.54	-30.0	3.6	2279	2261	-13.1	1.6	-3	-25	-698.9	78.3	-7.9	-72.2	-16.6
14TH	131.54	-30.3	3.6	2279	2261	-13.3	1.6	-3	-25	-668.9	74.8	-7.2	-66.0	-15.8
15TH	140.54	-30.6	3.6	2279	2261	-13.4	1.6	-3	-25	-638.7	71.2	-6.5	-60.1	-15.1
16TH	149.54	-30.7	3.6	2279	2261	-13.5	1.6	-3	-25	-608.1	67.5	-5.9	-54.5	-14.3
17TH	158.54	-30.8	3.5	2279	2261	-13.5	1.6	-3	-25	-577.4	63.9	-5.3	-49.2	-13.5
18TH	167.54	-30.8	3.5	2279	2261	-13.5	1.6	-3	-25	-546.6	60.4	-4.7	-44.1	-12.7
19TH	176.54	-30.9	3.5	2279	2261	-13.6	1.5	-3	-25	-515.8	56.9	-4.2	-39.3	-12.0
20TH	185.54	-31.0	3.4	2279	2261	-13.6	1.5	-3	-25	-484.9	53.4	-3.7	-34.8	-11.2
21ST	194.54	-31.0	3.5	2279	2261	-13.6	1.5	-3	-25	-453.9	50.0	-3.2	-30.6	-10.4
22ND	203.54	-30.9	3.5	2279	2261	-13.6	1.6	-3	-25	-422.9	46.5	-2.8	-26.7	-9.6
23RD	212.54	-30.8	3.6	2279	2261	-13.5	1.6	-3	-25	-392.0	42.9	-2.4	-23.0	-8.9
24TH	221.54	-30.8	3.7	2279	2261	-13.5	1.6	-3	-26	-361.1	39.3	-2.0	-19.6	-8.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54									-330.3	35.7	-1.7	-16.5	-7.3
26TH	239.54	-30.7	3.7	2279	2261	-13.5	1.7	-3	-26	-299.6	31.9	-1.4	-13.7	-6.5
27TH	248.54	-30.7	3.8	2279	2261	-13.5	1.7	-3	-26	-268.9	28.2	-1.1	-11.1	-5.6
28TH	257.54	-30.7	3.7	2279	2261	-13.5	1.6	-3	-26	-238.2	24.5	-.9	-8.8	-4.8
29TH	266.54	-30.8	3.6	2279	2261	-13.5	1.6	-3	-25	-207.4	20.9	-.7	-6.8	-4.1
30TH	275.54	-30.8	3.5	2279	2261	-13.5	1.5	-3	-24	-176.6	17.4	-.5	-5.1	-3.3
31ST	284.54	-30.9	3.4	2279	2261	-13.6	1.5	-3	-24	-145.7	14.0	-.4	-3.6	-2.6
32ND	293.54	-30.9	3.3	2279	2261	-13.6	1.5	-2	-23	-114.8	10.7	-.3	-2.5	-1.8
33RD	302.54	-29.5	2.8	2279	2261	-12.9	1.2	-2	-22	-85.3	7.9	-.2	-1.6	-1.2
ROOF	314.38	-36.2	2.8	2997	2973	-12.1	.9	-1	-19	-49.0	5.1	-.1	-.8	-.5
MECH	328.50	-31.2	2.1	3017	2994	-10.3	.7	-1	-14	-17.8	3.0	-.0	-.3	-.0
ELEV	337.17	-6.6	1.1	1309	1302	-5.1	.9	-1	-3	-11.2	1.9	-.0	-.2	-.0
TANK	345.83	-1.8	.6	659	651	-2.7	.9	1	2	-9.5	1.3	-.0	-.1	-.0
TOP	363.08	-9.5	1.3	1244	1226	-7.6	1.0	-0	-3	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90° CONFIGURATION A MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	-34.5	8.5	3187	3162	-10.8	2.7	-2	-7	-1048.4	194.5	-31.2	-178.1	-31.3
1ST	12.58	-24.1	7.6	2448	2429	-9.8	3.1	-2	-7	-1013.9	186.0	-28.8	-165.1	-31.1
2ND	22.25	-21.1	8.3	2311	2293	-9.1	3.6	-2	-6	-989.9	178.5	-27.0	-155.4	-30.9
3RD	31.38	-21.9	11.0	2575	2555	-8.5	4.3	-2	-4	-968.8	170.2	-25.4	-146.5	-30.7
4TH	41.54	-28.9	3.9	2279	2261	-12.7	1.7	-3	-24	-946.8	159.2	-23.8	-136.8	-30.6
5TH	50.54	-29.3	3.8	2279	2261	-12.9	1.7	-3	-26	-917.9	155.2	-22.4	-128.4	-29.9
6TH	59.54	-29.3	4.1	2279	2261	-12.8	1.8	-4	-27	-888.6	151.4	-21.0	-120.2	-29.1
7TH	68.54	-29.2	4.3	2279	2261	-12.8	1.9	-4	-28	-859.3	147.3	-19.6	-112.4	-28.3
8TH	77.54	-29.2	4.5	2279	2261	-12.8	2.0	-4	-29	-830.0	143.1	-18.3	-104.8	-27.5
9TH	86.54	-29.2	4.7	2279	2261	-12.8	2.1	-5	-30	-800.8	138.6	-17.1	-97.4	-26.6
10TH	95.54	-29.2	4.8	2279	2261	-12.8	2.1	-5	-30	-771.7	133.9	-15.8	-90.4	-25.8
11TH	104.54	-29.2	4.8	2279	2261	-12.8	2.1	-5	-31	-742.5	129.1	-14.7	-83.5	-24.8
12TH	113.54	-29.3	4.9	2279	2261	-12.9	2.2	-5	-32	-713.2	124.3	-13.5	-77.0	-23.9
13TH	122.54	-29.3	4.9	2279	2261	-12.9	2.2	-5	-32	-683.9	119.4	-12.4	-70.7	-23.0
14TH	131.54	-29.4	5.0	2279	2261	-12.9	2.2	-6	-33	-654.6	114.5	-11.4	-64.7	-22.0
15TH	140.54	-29.5	5.0	2279	2261	-12.9	2.2	-6	-34	-625.2	109.5	-10.4	-58.9	-21.0
16TH	149.54	-29.6	5.0	2279	2261	-13.0	2.2	-6	-34	-595.7	104.5	-9.4	-53.4	-20.0
17TH	158.54	-29.7	5.1	2279	2261	-13.0	2.2	-6	-34	-566.2	99.5	-8.5	-48.2	-18.9
18TH	167.54	-29.8	5.1	2279	2261	-13.1	2.3	-6	-35	-536.5	94.4	-7.6	-43.2	-17.9
19TH	176.54	-29.9	5.2	2279	2261	-13.1	2.3	-6	-35	-506.7	89.3	-6.8	-38.5	-16.8
20TH	185.54	-30.0	5.2	2279	2261	-13.2	2.3	-6	-36	-476.8	84.1	-6.0	-34.1	-15.7
21ST	194.54	-30.2	5.3	2279	2261	-13.2	2.3	-6	-36	-446.8	79.0	-5.3	-30.0	-14.6
22ND	203.54	-30.4	5.3	2279	2261	-13.3	2.4	-6	-36	-416.6	73.7	-4.6	-26.1	-13.5
23RD	212.54	-30.5	5.4	2279	2261	-13.4	2.4	-6	-35	-386.2	68.3	-3.9	-22.5	-12.4
24TH	221.54	-30.7	5.5	2279	2261	-13.5	2.4	-6	-35	-355.7	62.9	-3.3	-19.1	-11.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 90														
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A REFERENCE PRESSURE 38.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-325.0	57.4	-2.8	-16.1	-10.2
26TH	239.54	-30.9	5.6	2279	2261	-13.6	2.5	-6	-35	-294.1	51.8	-2.3	-13.3	-9.0
27TH	248.54	-31.0	5.7	2279	2261	-13.6	2.5	-6	-35	-263.1	46.1	-1.9	-10.8	-7.9
28TH	257.54	-30.8	5.6	2279	2261	-13.5	2.5	-6	-34	-232.3	40.5	-1.5	-8.5	-6.8
29TH	266.54	-30.7	5.6	2279	2261	-13.5	2.5	-6	-34	-201.6	34.8	-1.1	-6.6	-5.8
30TH	275.54	-30.5	5.6	2279	2261	-13.4	2.5	-6	-34	-171.1	29.2	-.9	-4.9	-4.7
31ST	284.54	-30.4	5.6	2279	2261	-13.3	2.5	-6	-33	-140.7	23.7	-.6	-3.5	-3.7
32ND	293.54	-30.2	5.6	2279	2261	-13.3	2.5	-6	-33	-110.4	18.1	-.4	-2.4	-2.6
33RD	302.54	-28.5	4.8	2279	2261	-12.5	2.1	-5	-31	-82.0	13.3	-.3	-1.5	-1.7
ROOF	314.38	-34.4	5.1	2997	2973	-11.5	1.7	-4	-29	-47.6	8.1	-.2	-.7	-.7
MECH	328.50	-30.1	3.8	3017	2994	-10.0	1.3	-2	-20	-17.4	4.3	-.1	-.3	-.1
ELEV	337.17	-6.6	1.4	1309	1302	-5.0	1.1	-2	-7	-10.9	2.8	-.0	-.2	-.1
TANK	345.83	-1.7	.7	659	651	-2.6	1.0	-0	-1	-9.2	2.2	-.0	-.1	-.1
TOP	363.08	-9.2	2.2	1244	1226	-7.4	1.8	-1	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00													
1ST	12.58	-34.1	8.9	3187	3162	-10.7	2.8	-2	-9	-1026.2	228.2	-37.1	-173.2	-35.5
2ND	22.25	-24.2	8.1	2448	2429	-9.9	3.3	-3	-8	-992.1	219.3	-34.3	-160.5	-35.1
3RD	31.38	-21.2	9.3	2311	2293	-9.2	4.1	-3	-6	-968.0	211.1	-32.2	-151.0	-34.9
4TH	41.54	-22.0	13.1	2575	2555	-8.5	5.1	-3	-5	-946.7	201.8	-30.3	-142.3	-34.8
5TH	50.54	-28.3	4.8	2279	2261	-12.4	2.1	-5	-29	-924.7	188.7	-28.3	-132.8	-34.6
6TH	59.54	-28.6	4.7	2279	2261	-12.6	2.1	-5	-31	-896.4	183.9	-26.6	-124.6	-33.8
7TH	68.54	-28.6	4.9	2279	2261	-12.5	2.2	-5	-32	-867.8	179.2	-25.0	-116.6	-32.9
8TH	77.54	-28.5	5.1	2279	2261	-12.5	2.3	-6	-33	-839.2	174.3	-23.4	-109.0	-31.9
9TH	86.54	-28.5	5.3	2279	2261	-12.5	2.4	-6	-34	-810.7	169.2	-21.9	-101.5	-30.9
10TH	95.54	-28.4	5.6	2279	2261	-12.5	2.5	-7	-35	-782.2	163.9	-20.4	-94.4	-29.9
11TH	104.54	-28.5	5.7	2279	2261	-12.5	2.5	-7	-36	-753.8	158.3	-18.9	-87.5	-28.9
12TH	113.54	-28.7	5.7	2279	2261	-12.6	2.5	-7	-36	-725.3	152.6	-17.5	-80.8	-27.8
13TH	122.54	-28.7	5.7	2279	2261	-12.7	2.5	-7	-36	-696.6	146.9	-16.2	-74.4	-26.7
14TH	131.54	-29.0	5.7	2279	2261	-12.7	2.5	-7	-36	-667.6	141.2	-14.9	-68.3	-25.6
15TH	140.54	-29.2	5.8	2279	2261	-12.8	2.5	-7	-37	-638.4	135.5	-13.6	-62.4	-24.5
16TH	149.54	-29.4	5.8	2279	2261	-12.9	2.6	-7	-37	-609.0	129.7	-12.4	-56.8	-23.4
17TH	158.54	-29.7	5.8	2279	2261	-13.0	2.6	-7	-37	-579.3	123.9	-11.3	-51.4	-22.3
18TH	167.54	-29.7	5.9	2279	2261	-13.0	2.6	-7	-38	-549.7	118.0	-10.2	-46.3	-21.1
19TH	176.54	-29.6	6.0	2279	2261	-13.0	2.6	-8	-38	-520.0	112.0	-9.2	-41.5	-19.9
20TH	185.54	-29.6	6.0	2279	2261	-13.0	2.7	-8	-38	-490.4	106.0	-8.2	-37.0	-18.7
21ST	194.54	-29.6	6.1	2279	2261	-13.0	2.7	-8	-39	-460.8	99.9	-7.3	-32.7	-17.5
22ND	203.54	-29.6	6.2	2279	2261	-13.0	2.7	-8	-39	-431.1	93.7	-6.4	-28.7	-16.3
23RD	212.54	-29.7	6.2	2279	2261	-13.0	2.8	-8	-39	-401.4	87.5	-5.6	-24.9	-15.1
24TH	221.54	-29.8	6.3	2279	2261	-13.1	2.8	-8	-39	-371.6	81.2	-4.8	-21.5	-13.9
		-29.9	6.3	2279	2261	-13.1	2.8	-8	-39	-341.8	74.9	-4.1	-18.3	-12.7
		-30.0	6.4	2279	2261	-13.1	2.8	-8	-39					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 100				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54	-30.0	6.4	2279	2261	-13.2	2.8	-8	-38	-311.8	68.5	-3.5	-15.3	-11.5
26TH	239.54	-30.0	6.4	2279	2261	-13.2	2.9	-8	-38	-281.8	62.1	-2.9	-12.6	-10.3
27TH	248.54	-29.8	6.5	2279	2261	-13.1	2.9	-8	-38	-251.7	55.7	-2.3	-10.2	-9.1
28TH	257.54	-29.7	6.5	2279	2261	-13.0	2.9	-8	-38	-221.9	49.2	-1.9	-8.1	-7.9
29TH	266.54	-29.5	6.5	2279	2261	-12.9	2.9	-8	-38	-192.2	42.8	-1.5	-6.2	-6.7
30TH	275.54	-29.3	6.5	2279	2261	-12.8	2.9	-8	-38	-162.8	36.3	-1.1	-4.6	-5.5
31ST	284.54	-29.1	6.5	2279	2261	-12.8	2.9	-9	-38	-133.5	29.9	-.8	-3.3	-4.3
32ND	293.54	-27.2	5.8	2279	2261	-11.9	2.6	-8	-37	-104.4	23.4	-.6	-2.2	-3.1
33RD	302.54	-32.4	6.6	2997	2973	-10.8	2.2	-7	-36	-77.3	17.6	-.4	-1.4	-2.1
ROOF	314.38	-28.4	5.3	3017	2994	-9.4	1.8	-5	-24	-44.8	11.0	-.2	-.7	-.9
MECH	328.50	-6.1	1.9	1309	1302	-4.7	1.5	-4	-11	-16.4	5.7	-.1	-.3	-.2
ELEV	337.17	-1.4	.9	659	651	-2.1	1.3	-4	-6	-10.2	3.8	-.1	-.2	-.1
TANK	345.83	-8.8	3.0	1244	1226	-7.1	2.4	-3	-8	-8.8	3.0	-.0	-.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 110

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	-36.7	10.3	3187	3162	-11.5	3.3	-2	-9	-1094.5	251.4	-41.4	-185.1	-38.5
1ST	12.58	-26.2	8.8	2448	2429	-10.7	3.6	-3	-9	-1057.8	241.1	-38.3	-171.6	-38.2
2ND	22.25	-22.9	10.3	2311	2293	-9.9	4.5	-3	-7	-1031.5	232.2	-36.0	-161.5	-37.9
3RD	31.38	-23.5	15.0	2575	2555	-9.1	5.9	-3	-5	-1008.6	222.0	-33.9	-152.1	-37.7
4TH	41.54	-29.0	5.0	2279	2261	-12.7	2.2	-6	-32	-985.1	207.0	-31.8	-142.0	-37.6
5TH	50.54	-29.5	4.8	2279	2261	-12.9	2.1	-6	-34	-956.2	201.9	-29.9	-133.3	-36.6
6TH	59.54	-29.6	5.0	2279	2261	-13.0	2.2	-6	-35	-926.7	197.1	-28.1	-124.8	-35.6
7TH	68.54	-29.7	5.2	2279	2261	-13.1	2.3	-6	-35	-897.0	192.0	-26.4	-116.6	-34.5
8TH	77.54	-29.9	5.5	2279	2261	-13.1	2.4	-7	-36	-867.3	186.8	-24.7	-108.7	-33.4
9TH	86.54	-30.0	5.7	2279	2261	-13.2	2.5	-7	-37	-837.4	181.3	-23.0	-101.0	-32.3
10TH	95.54	-30.2	5.8	2279	2261	-13.3	2.6	-7	-37	-807.4	175.7	-21.4	-93.6	-31.2
11TH	104.54	-30.5	5.9	2279	2261	-13.4	2.6	-7	-37	-777.2	169.8	-19.9	-86.5	-30.0
12TH	113.54	-30.8	6.1	2279	2261	-13.5	2.7	-7	-38	-746.7	163.9	-18.4	-79.6	-28.8
13TH	122.54	-31.1	6.2	2279	2261	-13.7	2.7	-8	-38	-715.9	157.8	-16.9	-73.0	-27.6
14TH	131.54	-31.4	6.3	2279	2261	-13.8	2.8	-8	-38	-684.7	151.7	-15.5	-66.7	-26.4
15TH	140.54	-31.7	6.4	2279	2261	-13.9	2.8	-8	-38	-653.3	145.4	-14.2	-60.7	-25.1
16TH	149.54	-31.7	6.5	2279	2261	-13.9	2.9	-8	-38	-621.6	138.9	-12.9	-55.0	-23.9
17TH	158.54	-31.7	6.5	2279	2261	-13.9	2.9	-8	-38	-589.8	132.5	-11.7	-49.5	-22.6
18TH	167.54	-31.8	6.6	2279	2261	-13.9	2.9	-8	-38	-558.1	125.9	-10.5	-44.3	-21.3
19TH	176.54	-31.8	6.7	2279	2261	-13.9	2.9	-8	-38	-526.3	119.3	-9.4	-39.5	-20.1
20TH	185.54	-31.8	6.7	2279	2261	-13.9	3.0	-8	-38	-494.6	112.7	-8.4	-34.9	-18.8
21ST	194.54	-31.9	6.8	2279	2261	-14.0	3.0	-8	-38	-462.8	105.9	-7.4	-30.6	-17.5
22ND	203.54	-32.2	6.8	2279	2261	-14.1	3.0	-8	-38	-430.9	99.2	-6.5	-26.5	-16.2
23RD	212.54	-32.4	6.9	2279	2261	-14.2	3.0	-8	-38	-398.7	92.3	-5.6	-22.8	-15.0
24TH	221.54	-32.6	6.9	2279	2261	-14.3	3.1	-8	-38	-366.3	85.4	-4.8	-19.4	-13.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN						GUST FACTOR 1.32				
WIND DIRECTION 110		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									-333.7	78.5	-4.1	-16.2	-12.4
26TH	239.54	-32.8	7.0	2279	2261	-14.4	3.1	-8	-38	-300.9	71.5	-3.4	-13.4	-11.1
27TH	248.54	-32.8	7.0	2279	2261	-14.4	3.1	-8	-38	-268.1	64.5	-2.8	-10.8	-9.8
28TH	257.54	-32.5	7.1	2279	2261	-14.3	3.1	-8	-38	-235.6	57.3	-2.2	-8.5	-8.5
29TH	266.54	-32.2	7.2	2279	2261	-14.1	3.2	-8	-38	-203.4	50.2	-1.7	-6.6	-7.2
30TH	275.54	-31.8	7.2	2279	2261	-14.0	3.2	-9	-38	-171.6	42.9	-1.3	-4.9	-6.0
31ST	284.54	-31.5	7.3	2279	2261	-13.8	3.2	-9	-38	-140.1	35.6	-1.0	-3.5	-4.7
32ND	293.54	-31.1	7.4	2279	2261	-13.7	3.3	-9	-38	-109.0	28.3	-.7	-2.3	-3.5
33RD	302.54	-28.8	6.8	2279	2261	-12.6	3.0	-9	-38	-80.2	21.5	-.5	-1.5	-2.3
ROOF	314.38	-34.0	7.9	2997	2973	-11.3	2.7	-9	-37	-46.2	13.6	-.2	-.7	-1.0
MECH	328.50	-29.0	7.0	3017	2994	-9.6	2.3	-6	-26	-17.2	6.6	-.1	-.3	-.2
ELEV	337.17	-6.1	2.5	1309	1302	-4.7	2.0	-6	-14	-11.1	4.1	-.1	-.2	-.1
TANK	345.83	-1.5	.9	659	651	-2.4	1.3	-4	-8	-9.5	3.2	-.0	-.1	-.1
TOP	363.08	-9.5	3.2	1244	1226	-7.6	2.6	-3	-9	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS
WIND DIRECTION 120

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	-35.3	9.6	3187	3162	-11.1	3.1	-3	-10	-1062.2	231.1	-38.2	-179.3	-37.7
1ST	12.58	-25.7	8.1	2448	2429	-10.5	3.3	-3	-10	-1026.9	221.5	-35.4	-166.2	-37.4
2ND	22.25	-22.9	9.5	2311	2293	-9.9	4.1	-3	-8	-1001.1	213.4	-33.3	-156.4	-37.1
3RD	31.38	-24.0	14.3	2575	2555	-9.3	5.6	-4	-6	-978.2	203.9	-31.4	-147.4	-36.9
4TH	41.54	-28.0	4.6	2279	2261	-12.3	2.0	-6	-34	-954.3	189.7	-29.4	-137.5	-36.7
5TH	50.54	-28.5	4.4	2279	2261	-12.5	2.0	-5	-35	-926.3	185.0	-27.7	-129.1	-35.7
6TH	59.54	-28.7	4.6	2279	2261	-12.6	2.0	-6	-36	-897.8	180.6	-26.0	-120.9	-34.7
7TH	68.54	-28.8	4.8	2279	2261	-12.7	2.1	-6	-36	-869.1	176.0	-24.4	-112.9	-33.6
8TH	77.54	-29.0	5.0	2279	2261	-12.7	2.2	-6	-37	-840.3	171.2	-22.9	-105.2	-32.5
9TH	86.54	-29.2	5.2	2279	2261	-12.8	2.3	-7	-37	-811.3	166.2	-21.3	-97.8	-31.4
10TH	95.54	-29.4	5.3	2279	2261	-12.9	2.4	-7	-38	-782.1	161.0	-19.9	-90.6	-30.3
11TH	104.54	-29.6	5.4	2279	2261	-13.0	2.4	-7	-38	-752.7	155.7	-18.4	-83.7	-29.2
12TH	113.54	-29.9	5.5	2279	2261	-13.1	2.4	-7	-38	-723.0	150.2	-17.1	-77.1	-28.0
13TH	122.54	-30.1	5.6	2279	2261	-13.2	2.5	-7	-38	-693.2	144.7	-15.7	-70.7	-26.8
14TH	131.54	-30.3	5.7	2279	2261	-13.3	2.5	-7	-39	-663.1	139.1	-14.5	-64.6	-25.6
15TH	140.54	-30.6	5.8	2279	2261	-13.4	2.6	-7	-39	-632.7	133.4	-13.2	-58.8	-24.4
16TH	149.54	-30.7	5.8	2279	2261	-13.5	2.6	-7	-38	-602.2	127.6	-12.1	-53.2	-23.2
17TH	158.54	-30.9	5.8	2279	2261	-13.6	2.6	-7	-38	-571.4	121.8	-10.9	-47.9	-22.0
18TH	167.54	-31.1	5.9	2279	2261	-13.6	2.6	-7	-38	-540.5	116.0	-9.9	-42.9	-20.7
19TH	176.54	-31.2	5.9	2279	2261	-13.7	2.6	-7	-38	-509.4	110.1	-8.9	-38.2	-19.5
20TH	185.54	-31.4	5.9	2279	2261	-13.8	2.6	-7	-37	-478.2	104.2	-7.9	-33.8	-18.3
21ST	194.54	-31.5	6.0	2279	2261	-13.8	2.7	-7	-37	-446.8	98.3	-7.0	-29.6	-17.1
22ND	203.54	-31.5	6.1	2279	2261	-13.8	2.7	-7	-38	-415.3	92.3	-6.1	-25.7	-15.9
23RD	212.54	-31.5	6.2	2279	2261	-13.8	2.7	-7	-38	-383.8	86.2	-5.3	-22.1	-14.6
24TH	221.54	-31.5	6.3	2279	2261	-13.8	2.8	-8	-38	-352.3	80.0	-4.6	-18.8	-13.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 120				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A						REFERENCE PRESSURE 38.0 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			
25TH	230.54	-31.5	6.4	2279	2261	-13.8	2.8	-8	-38	-320.9	73.7	-3.9	-15.8	-12.2			
26TH	239.54	-31.4	6.5	2279	2261	-13.8	2.9	-8	-38	-289.4	67.3	-3.2	-13.0	-10.9			
27TH	248.54	-30.9	6.6	2279	2261	-13.6	2.9	-8	-38	-258.0	60.8	-2.7	-10.6	-9.7			
28TH	257.54	-30.5	6.6	2279	2261	-13.4	2.9	-8	-39	-227.0	54.3	-2.1	-8.4	-8.5			
29TH	266.54	-30.1	6.7	2279	2261	-13.2	3.0	-9	-39	-196.5	47.6	-1.7	-6.5	-7.2			
30TH	275.54	-29.7	6.8	2279	2261	-13.0	3.0	-9	-39	-166.4	40.9	-1.3	-4.8	-6.0			
31ST	284.54	-29.3	6.8	2279	2261	-12.8	3.0	-9	-40	-136.7	34.2	-.9	-3.5	-4.8			
32ND	293.54	-27.4	6.3	2279	2261	-12.0	2.8	-9	-39	-107.5	27.4	-.7	-2.4	-3.5			
33RD	302.54	-32.9	7.4	2997	2973	-11.0	2.5	-9	-38	-80.1	21.0	-.5	-1.5	-2.4			
ROOF	314.38	-28.3	7.0	3017	2994	-9.4	2.4	-7	-27	-47.3	13.6	-.2	-.8	-1.1			
MECH	328.50	-6.7	2.6	1309	1302	-5.1	2.0	-6	-16	-18.9	6.5	-.1	-.3	-.3			
ELEV	337.17	-2.1	.7	659	651	-3.2	1.1	-5	-15	-12.2	4.0	-.1	-.2	-.2			
TANK	345.83	-10.1	3.3	1244	1226	-8.1	2.7	-4	-12	-10.1	3.3	-.0	-.1	-.1			
TOP	363.08									0.0	0.0	0.0	0.0	0.0			

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-34.9	8.6	3187	3162	-10.9	2.7	-3	-12	-1039.0	211.1	-35.5	-175.6	-38.7
1ST	12.58	-25.2	7.1	2448	2429	-10.3	2.9	-3	-12	-1004.2	202.5	-32.9	-162.7	-38.3
2ND	22.25	-22.6	8.4	2311	2293	-9.8	3.7	-4	-11	-978.9	195.4	-31.0	-153.1	-38.0
3RD	31.38	-23.8	13.0	2575	2555	-9.3	5.1	-5	-10	-956.4	187.0	-29.2	-144.3	-37.7
4TH	41.54	-26.8	3.9	2279	2261	-11.8	1.7	-6	-38	-932.5	174.0	-27.4	-134.7	-37.4
5TH	50.54	-27.4	3.8	2279	2261	-12.0	1.7	-5	-39	-905.7	170.1	-25.8	-126.4	-36.4
6TH	59.54	-27.6	4.1	2279	2261	-12.1	1.8	-6	-39	-878.3	166.3	-24.3	-118.4	-35.3
7TH	68.54	-27.9	4.3	2279	2261	-12.2	1.9	-6	-40	-850.7	162.2	-22.8	-110.6	-34.2
8TH	77.54	-28.1	4.6	2279	2261	-12.3	2.0	-6	-40	-822.8	157.9	-21.4	-103.1	-33.0
9TH	86.54	-28.4	4.8	2279	2261	-12.5	2.1	-7	-40	-794.7	153.4	-20.0	-95.8	-31.9
10TH	95.54	-28.7	4.9	2279	2261	-12.6	2.2	-7	-40	-766.3	148.6	-18.6	-88.8	-30.7
11TH	104.54	-29.0	5.0	2279	2261	-12.7	2.2	-7	-40	-737.6	143.6	-17.3	-82.0	-29.5
12TH	113.54	-29.3	5.0	2279	2261	-12.9	2.2	-7	-40	-708.6	138.6	-16.1	-75.5	-28.4
13TH	122.54	-29.6	5.1	2279	2261	-13.0	2.2	-7	-40	-679.3	133.6	-14.8	-69.3	-27.2
14TH	131.54	-29.9	5.1	2279	2261	-13.1	2.3	-7	-39	-649.7	128.6	-13.7	-63.3	-25.9
15TH	140.54	-30.2	5.1	2279	2261	-13.3	2.3	-7	-39	-619.7	123.5	-12.5	-57.6	-24.7
16TH	149.54	-30.3	5.2	2279	2261	-13.3	2.3	-7	-39	-589.5	118.4	-11.4	-52.1	-23.5
17TH	158.54	-30.4	5.2	2279	2261	-13.3	2.3	-7	-39	-559.2	113.2	-10.4	-47.0	-22.3
18TH	167.54	-30.5	5.2	2279	2261	-13.4	2.3	-7	-39	-528.8	108.0	-9.4	-42.1	-21.1
19TH	176.54	-30.5	5.3	2279	2261	-13.4	2.3	-7	-39	-498.3	102.8	-8.4	-37.5	-19.8
20TH	185.54	-30.6	5.3	2279	2261	-13.4	2.3	-7	-39	-467.8	97.6	-7.5	-33.1	-18.6
21ST	194.54	-30.7	5.4	2279	2261	-13.5	2.4	-7	-39	-437.2	92.3	-6.7	-29.0	-17.4
22ND	203.54	-30.7	5.5	2279	2261	-13.5	2.4	-7	-39	-406.5	86.9	-5.9	-25.2	-16.2
23RD	212.54	-30.7	5.6	2279	2261	-13.5	2.5	-7	-39	-375.8	81.4	-5.1	-21.7	-15.0
24TH	221.54	-30.8	5.8	2279	2261	-13.5	2.5	-7	-39	-345.1	75.7	-4.4	-18.5	-13.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 130

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
25TH	230.54	-30.8	5.9	2279	2261	-13.5	2.6	-7	-39	-314.3	70.0	-3.8	-15.5	-12.5
26TH	239.54	-30.7	6.0	2279	2261	-13.5	2.7	-8	-39	-283.5	64.1	-3.2	-12.8	-11.3
27TH	248.54	-30.3	6.1	2279	2261	-13.3	2.7	-8	-39	-252.8	58.1	-2.6	-10.4	-10.0
28TH	257.54	-29.9	6.1	2279	2261	-13.1	2.7	-8	-40	-222.5	52.1	-2.1	-8.3	-8.8
29TH	266.54	-29.5	6.2	2279	2261	-13.0	2.7	-8	-41	-192.6	45.9	-1.7	-6.4	-7.5
30TH	275.54	-29.1	6.2	2279	2261	-12.8	2.8	-9	-41	-163.1	39.8	-1.3	-4.8	-6.3
31ST	284.54	-28.8	6.3	2279	2261	-12.6	2.8	-9	-42	-133.9	33.5	-1.0	-3.5	-5.0
32ND	293.54	-26.6	5.9	2279	2261	-11.7	2.6	-9	-42	-105.2	27.3	-.7	-2.4	-3.8
33RD	302.54	-31.5	7.2	2997	2973	-10.5	2.4	-10	-42	-78.5	21.3	-.5	-1.6	-2.6
ROOF	314.38	-26.8	7.2	3017	2994	-8.9	2.4	-8	-30	-47.0	14.1	-.3	-.8	-1.2
MECH	328.50	-6.9	2.7	1309	1302	-5.3	2.1	-8	-19	-20.2	6.9	-.1	-.3	-.4
ELEV	337.17	-2.6	.8	659	651	-3.9	1.2	-6	-18	-13.3	4.2	-.1	-.2	-.2
TANK	345.83	-10.7	3.4	1244	1226	-8.6	2.8	-4	-14	-10.7	3.4	-.0	-.1	-.2
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 140

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	-40.8	8.7	3187	3162	-12.8	2.7	-3	-15	-1196.2	222.5	-39.0	-201.4	-45.4
1ST	12.58	-30.1	6.9	2448	2429	-12.3	2.8	-4	-15	-1155.3	213.9	-36.2	-186.6	-44.8
2ND	22.25	-27.5	8.4	2311	2293	-11.9	3.6	-4	-15	-1125.3	207.0	-34.2	-175.6	-44.3
3RD	31.38	-30.0	13.6	2575	2555	-11.6	5.3	-6	-14	-1097.8	198.6	-32.4	-165.5	-43.9
4TH	41.54	-31.3	3.6	2279	2261	-13.7	1.6	-5	-39	-1067.8	185.0	-30.4	-154.5	-43.4
5TH	50.54	-31.8	3.5	2279	2261	-13.9	1.6	-5	-41	-1036.5	181.4	-28.8	-145.0	-42.1
6TH	59.54	-32.0	3.9	2279	2261	-14.0	1.7	-5	-41	-1004.7	177.9	-27.1	-135.8	-40.8
7TH	68.54	-32.2	4.2	2279	2261	-14.1	1.8	-5	-41	-972.7	174.1	-25.6	-126.9	-39.5
8TH	77.54	-32.4	4.5	2279	2261	-14.2	2.0	-6	-42	-940.5	169.9	-24.0	-118.3	-38.1
9TH	86.54	-32.6	4.8	2279	2261	-14.3	2.1	-6	-42	-908.1	165.4	-22.5	-110.0	-36.7
10TH	95.54	-32.8	5.0	2279	2261	-14.4	2.2	-6	-42	-875.5	160.6	-21.0	-101.9	-35.3
11TH	104.54	-33.1	5.0	2279	2261	-14.5	2.2	-6	-42	-842.7	155.6	-19.6	-94.2	-33.9
12TH	113.54	-33.4	5.0	2279	2261	-14.6	2.2	-6	-42	-809.6	150.6	-18.2	-86.8	-32.5
13TH	122.54	-33.7	5.0	2279	2261	-14.8	2.2	-6	-42	-776.2	145.6	-16.9	-79.6	-31.0
14TH	131.54	-33.9	5.0	2279	2261	-14.9	2.2	-6	-42	-742.5	140.5	-15.6	-72.8	-29.6
15TH	140.54	-34.2	5.1	2279	2261	-15.0	2.2	-6	-41	-708.6	135.5	-14.4	-66.3	-28.2
16TH	149.54	-34.5	5.1	2279	2261	-15.1	2.3	-6	-41	-674.4	130.4	-13.2	-60.1	-26.7
17TH	158.54	-34.7	5.1	2279	2261	-15.2	2.3	-6	-40	-640.0	125.3	-12.0	-54.1	-25.3
18TH	167.54	-35.0	5.2	2279	2261	-15.3	2.3	-6	-40	-605.3	120.2	-10.9	-48.5	-23.8
19TH	176.54	-35.2	5.2	2279	2261	-15.5	2.3	-6	-39	-570.3	115.0	-9.9	-43.2	-22.4
20TH	185.54	-35.5	5.3	2279	2261	-15.6	2.3	-6	-39	-535.0	109.8	-8.9	-38.3	-21.0
21ST	194.54	-35.4	5.4	2279	2261	-15.6	2.4	-6	-39	-499.5	104.6	-7.9	-33.6	-19.6
22ND	203.54	-35.3	5.7	2279	2261	-15.5	2.5	-6	-39	-464.1	99.1	-7.0	-29.3	-18.2
23RD	212.54	-35.1	5.9	2279	2261	-15.4	2.6	-7	-39	-428.8	93.4	-6.1	-25.3	-16.8
24TH	221.54	-35.0	6.2	2279	2261	-15.3	2.7	-7	-39	-393.7	87.5	-5.3	-21.6	-15.4

TABLE 7. SHEAR
WIND DIRECTION

GUST FACTOR 1.32

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 150

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	-57.2	5.8	3187	3162	-18.0	1.8	-2	-24	-1730.9	298.5	-61.9	-285.4	-63.4
1ST	12.58	-43.5	4.2	2448	2429	-17.8	1.7	-2	-24	-1673.7	292.7	-58.2	-264.0	-62.0
2ND	22.25	-41.0	6.1	2311	2293	-17.8	2.6	-3	-24	-1630.2	288.5	-55.4	-248.0	-61.0
3RD	31.38	-46.3	12.3	2575	2555	-18.0	4.8	-6	-24	-1589.2	282.5	-52.8	-233.4	-60.0
4TH	41.54	-46.5	7	2279	2261	-20.4	3	-1	-45	-1542.8	270.2	-50.0	-217.4	-58.8
5TH	50.54	-47.6	1.1	2279	2261	-20.9	5	-1	-46	-1496.3	269.5	-47.6	-203.8	-56.7
6TH	59.54	-48.4	2.0	2279	2261	-21.2	9	-2	-47	-1448.8	268.4	-45.1	-190.5	-54.5
7TH	68.54	-49.2	2.9	2279	2261	-21.6	1.3	-3	-47	-1400.4	266.5	-42.7	-177.7	-52.2
8TH	77.54	-50.0	3.7	2279	2261	-21.9	1.7	-4	-47	-1351.2	263.6	-40.3	-165.3	-49.9
9TH	86.54	-50.8	4.6	2279	2261	-22.3	2.0	-4	-48	-1301.2	259.9	-38.0	-153.4	-47.5
10TH	95.54	-51.4	5.2	2279	2261	-22.5	2.3	-5	-47	-1250.4	255.3	-35.7	-141.9	-45.1
11TH	104.54	-51.7	5.4	2279	2261	-22.7	2.4	-5	-46	-1199.0	250.1	-33.4	-130.9	-42.6
12TH	113.54	-52.1	5.7	2279	2261	-22.8	2.5	-5	-45	-1147.3	244.6	-31.2	-120.3	-40.2
13TH	122.54	-52.4	6.0	2279	2261	-23.0	2.6	-5	-43	-1095.2	238.9	-29.0	-110.2	-37.9
14TH	131.54	-52.7	6.2	2279	2261	-23.1	2.8	-5	-42	-1042.8	232.9	-26.9	-100.6	-35.6
15TH	140.54	-53.0	6.5	2279	2261	-23.2	2.9	-5	-41	-990.1	226.7	-24.8	-91.4	-33.3
16TH	149.54	-52.4	7.0	2279	2261	-23.0	3.1	-5	-40	-937.1	220.2	-22.8	-82.8	-31.1
17TH	158.54	-51.8	7.4	2279	2261	-22.7	3.3	-5	-38	-884.7	213.2	-20.8	-74.6	-29.0
18TH	167.54	-51.3	7.8	2279	2261	-22.5	3.5	-6	-37	-832.9	205.9	-19.0	-66.8	-27.0
19TH	176.54	-50.7	8.3	2279	2261	-22.2	3.7	-6	-36	-781.6	198.0	-17.1	-59.6	-25.0
20TH	185.54	-50.1	8.7	2279	2261	-22.0	3.9	-6	-34	-730.9	189.7	-15.4	-52.8	-23.2
21ST	194.54	-49.4	9.2	2279	2261	-21.7	4.1	-6	-33	-680.8	181.0	-13.7	-46.4	-21.4
22ND	203.54	-48.6	9.6	2279	2261	-21.3	4.2	-6	-33	-631.4	171.8	-12.1	-40.5	-19.7
23RD	212.54	-47.8	10.0	2279	2261	-21.0	4.4	-7	-32	-582.8	162.2	-10.6	-35.1	-18.0
24TH	221.54	-47.0	10.5	2279	2261	-20.6	4.6	-7	-31	-535.0	152.2	-9.2	-30.0	-16.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54									-488.0	141.7	-7.9	-25.4	-14.9
26TH	239.54	-46.2	10.9	2279	2261	-20.3	4.8	-7	-31	-441.7	130.8	-6.7	-21.2	-13.4
27TH	248.54	-45.4	11.3	2279	2261	-19.9	5.0	-7	-30	-396.3	119.5	-5.5	-17.5	-12.0
28TH	257.54	-44.6	11.7	2279	2261	-19.6	5.2	-8	-30	-351.7	107.8	-4.5	-14.1	-10.5
29TH	266.54	-43.7	12.1	2279	2261	-19.2	5.3	-8	-30	-308.0	95.7	-3.6	-11.1	-9.1
30TH	275.54	-42.8	12.5	2279	2261	-18.8	5.5	-9	-31	-265.2	83.3	-2.8	-8.6	-7.7
31ST	284.54	-42.0	12.8	2279	2261	-18.4	5.7	-9	-31	-223.2	70.5	-2.1	-6.4	-6.3
32ND	293.54	-41.1	13.2	2279	2261	-18.0	5.8	-10	-31	-182.1	57.2	-1.5	-4.5	-4.9
33RD	302.54	-39.4	12.5	2279	2261	-17.3	5.5	-10	-31	-142.8	44.7	-1.1	-3.1	-3.5
ROOF	314.38	-49.0	15.1	2997	2973	-16.3	5.1	-9	-30	-93.8	29.6	-.6	-1.7	-1.9
MECH	328.50	-48.5	11.4	3017	2994	-16.1	3.8	-6	-25	-45.2	18.2	-.3	-.7	-.6
ELEV	337.17	-17.8	6.2	1309	1302	-13.6	4.8	-6	-16	-27.5	12.1	-.2	-.4	-.3
TANK	345.83	-8.0	3.3	659	651	-12.2	5.1	-5	-11	-19.4	8.7	-.1	-.2	-.2
TOP	363.08	-19.4	8.7	1244	1226	-15.6	7.1	-4	-9	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00									-1109.9	332.5	-68.3	-184.8	-44.5
1ST	12.58	-31.2	6.0	3187	3162	-9.8	1.9	-5	-28	-1078.8	326.4	-64.2	-171.0	-43.6
2ND	22.25	-23.4	4.2	2448	2429	-9.6	1.7	-5	-29	-1055.4	322.2	-61.1	-160.7	-42.9
3RD	31.38	-22.5	4.8	2311	2293	-9.7	2.1	-6	-30	-1032.9	317.4	-58.1	-151.2	-42.2
4TH	41.54	-26.3	8.1	2575	2555	-10.2	3.2	-10	-32	-1006.6	309.4	-55.0	-140.8	-41.3
5TH	50.54	-27.4	1.6	2279	2261	-12.0	.7	-3	-54	-979.2	307.8	-52.2	-131.9	-39.8
6TH	59.54	-28.9	2.1	2279	2261	-12.7	.9	-4	-56	-950.2	305.7	-49.4	-123.2	-38.2
7TH	68.54	-30.3	2.8	2279	2261	-13.3	1.3	-5	-57	-919.9	302.8	-46.7	-114.8	-36.5
8TH	77.54	-31.7	3.6	2279	2261	-13.9	1.6	-7	-58	-888.1	299.2	-44.0	-106.6	-34.6
9TH	86.54	-33.1	4.4	2279	2261	-14.5	1.9	-8	-58	-855.0	294.9	-41.3	-98.8	-32.6
10TH	95.54	-34.5	5.1	2279	2261	-15.2	2.3	-9	-59	-820.5	289.8	-38.7	-91.3	-30.6
11TH	104.54	-35.3	5.8	2279	2261	-15.5	2.6	-9	-57	-785.1	284.0	-36.1	-84.0	-28.5
12TH	113.54	-35.6	6.4	2279	2261	-15.6	2.8	-10	-53	-749.5	277.6	-33.6	-77.1	-26.5
13TH	122.54	-35.8	7.0	2279	2261	-15.7	3.1	-10	-49	-713.7	270.6	-31.1	-70.5	-24.7
14TH	131.54	-36.0	7.6	2279	2261	-15.8	3.4	-10	-46	-677.7	263.0	-28.7	-64.3	-23.0
15TH	140.54	-36.3	8.2	2279	2261	-15.9	3.6	-9	-42	-641.4	254.8	-26.4	-58.3	-21.4
16TH	149.54	-36.4	8.8	2279	2261	-16.0	3.9	-9	-38	-605.0	246.1	-24.1	-52.7	-19.9
17TH	158.54	-35.6	9.3	2279	2261	-15.6	4.1	-9	-36	-569.4	236.8	-21.9	-47.4	-18.5
18TH	167.54	-34.8	9.7	2279	2261	-15.3	4.3	-9	-34	-534.6	227.1	-19.8	-42.5	-17.3
19TH	176.54	-34.0	10.2	2279	2261	-14.9	4.5	-9	-31	-500.6	216.9	-17.8	-37.8	-16.1
20TH	185.54	-33.1	10.7	2279	2261	-14.5	4.7	-9	-29	-467.5	206.2	-15.9	-33.5	-15.0
21ST	194.54	-32.3	11.1	2279	2261	-14.2	4.9	-9	-27	-435.2	195.1	-14.1	-29.4	-14.1
22ND	203.54	-31.8	11.5	2279	2261	-13.9	5.1	-9	-26	-403.4	183.6	-12.4	-25.6	-13.1
23RD	212.54	-31.4	11.8	2279	2261	-13.8	5.2	-10	-26	-372.1	171.8	-10.8	-22.1	-12.2
24TH	221.54	-30.9	12.0	2279	2261	-13.6	5.3	-10	-26	-341.1	159.8	-9.3	-18.9	-11.3
		-30.5	12.3	2279	2261	-13.4	5.5	-10	-26					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 160

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
25TH	230.54	-30.1	12.6	2279	2261	-13.2	5.6	-11	-25	-310.6	147.4	-8.0	-16.0	-10.4
26TH	239.54	-29.5	12.8	2279	2261	-13.0	5.7	-11	-26	-280.6	134.8	-6.7	-13.3	-9.5
27TH	248.54	-28.7	12.9	2279	2261	-12.6	5.7	-12	-27	-251.0	122.0	-5.5	-10.9	-8.6
28TH	257.54	-27.9	13.0	2279	2261	-12.2	5.8	-13	-28	-222.3	109.0	-4.5	-8.8	-7.7
29TH	266.54	-27.1	13.1	2279	2261	-11.9	5.8	-14	-29	-194.4	96.0	-3.6	-6.9	-6.7
30TH	275.54	-26.2	13.2	2279	2261	-11.5	5.8	-15	-30	-167.3	82.9	-2.8	-5.3	-5.8
31ST	284.54	-25.4	13.3	2279	2261	-11.2	5.9	-16	-31	-141.1	69.7	-2.1	-3.9	-4.8
32ND	293.54	-24.9	12.5	2279	2261	-10.9	5.5	-16	-32	-115.7	56.4	-1.5	-2.8	-3.8
33RD	302.54	-31.9	15.2	2997	2973	-10.6	5.1	-16	-33	-90.8	43.9	-1.1	-1.8	-2.8
ROOF	314.38	-33.3	9.9	3017	2994	-11.0	3.3	-9	-30	-58.9	28.7	-.6	-1.0	-1.5
MECH	328.50	-11.7	6.7	1309	1302	-9.0	5.2	-9	-15	-25.6	18.9	-.3	-.4	-.4
ELEV	337.17	-4.4	3.7	659	651	-6.7	5.7	-5	-6	-13.9	12.2	-.2	-.2	-.1
TANK	345.83	-9.5	8.5	1244	1226	-7.7	6.9	-4	-4	-9.5	8.5	-.1	-.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00	-16.9	14.0	3187	3162	-5.3	4.4	-11	-13	-364.2	395.1	-74.9	-38.7	-16.0
1ST	12.58	-12.7	10.1	2448	2429	-5.2	4.1	-12	-16	-347.4	381.1	-70.0	-34.2	-13.7
2ND	22.25	-13.0	9.8	2311	2293	-5.6	4.3	-14	-18	-334.7	371.0	-66.4	-30.9	-15.3
3RD	31.38	-16.8	13.0	2575	2555	-6.5	5.1	-17	-21	-321.7	361.2	-63.0	-27.9	-15.0
4TH	41.54	-19.2	4.6	2279	2261	-8.4	2.0	-14	-56	-304.9	348.2	-59.4	-24.8	-14.4
5TH	50.54	-19.3	4.7	2279	2261	-8.5	2.1	-14	-58	-285.7	343.5	-56.3	-22.1	-13.2
6TH	59.54	-19.2	5.1	2279	2261	-8.4	2.3	-15	-58	-266.4	338.8	-53.2	-19.6	-12.0
7TH	68.54	-19.1	5.5	2279	2261	-8.4	2.4	-17	-58	-247.2	333.7	-50.2	-17.3	-10.9
8TH	77.54	-19.0	5.9	2279	2261	-8.3	2.6	-18	-59	-228.2	328.2	-47.2	-15.2	-9.6
9TH	86.54	-18.8	6.3	2279	2261	-8.3	2.8	-20	-59	-209.2	322.3	-44.3	-13.2	-8.4
10TH	95.54	-18.3	6.8	2279	2261	-8.0	3.0	-21	-56	-190.4	316.0	-41.4	-11.4	-7.2
11TH	104.54	-17.3	7.5	2279	2261	-7.6	3.3	-21	-49	-172.1	309.2	-38.6	-9.8	-6.0
12TH	113.54	-16.3	8.2	2279	2261	-7.1	3.6	-21	-42	-154.8	301.6	-35.9	-8.3	-5.0
13TH	122.54	-15.3	8.9	2279	2261	-6.7	4.0	-20	-34	-138.6	293.4	-33.2	-7.0	-4.2
14TH	131.54	-14.3	9.7	2279	2261	-6.3	4.3	-18	-27	-123.3	284.4	-30.6	-5.8	-3.5
15TH	140.54	-13.3	10.3	2279	2261	-5.8	4.6	-15	-19	-109.0	274.8	-28.1	-4.8	-2.9
16TH	149.54	-12.3	10.7	2279	2261	-5.4	4.7	-14	-16	-95.8	264.4	-25.6	-3.8	-2.5
17TH	158.54	-11.3	11.0	2279	2261	-5.0	4.9	-12	-12	-83.5	253.8	-23.3	-3.0	-2.2
18TH	167.54	-10.4	11.4	2279	2261	-4.5	5.0	-10	-9	-72.1	242.7	-21.1	-2.3	-1.9
19TH	176.54	-9.4	11.7	2279	2261	-4.1	5.2	-7	-6	-61.8	231.4	-18.9	-1.7	-1.7
20TH	185.54	-8.4	12.1	2279	2261	-3.7	5.3	-4	-3	-52.4	219.6	-16.9	-1.2	-1.6
21ST	194.54	-7.7	12.3	2279	2261	-3.4	5.5	-4	-3	-43.9	207.6	-15.0	-.8	-1.5
22ND	203.54	-7.1	12.6	2279	2261	-3.1	5.6	-5	-3	-36.2	195.3	-13.2	-.4	-1.4
23RD	212.54	-6.4	12.8	2279	2261	-2.8	5.7	-6	-3	-29.1	182.7	-11.5	-.1	-1.3
24TH	221.54	-5.8	13.0	2279	2261	-2.5	5.8	-8	-3	-22.7	169.9	-9.9	.1	-1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 170														
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A REFERENCE PRESSURE 38.0 PSF														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-16.9	156.9	-8.4	.3	-1.1
26TH	239.54	-5.2	13.2	2279	2261	-2.3	5.9	-9	-3	-11.8	143.6	-7.1	.4	-1.0
27TH	248.54	-4.5	13.5	2279	2261	-2.0	6.0	-10	-3	-7.2	130.2	-5.8	.5	-.8
28TH	257.54	-4.0	13.7	2279	2261	-1.8	6.0	-10	-3	-3.2	116.5	-4.7	.6	-.7
29TH	266.54	-3.5	13.9	2279	2261	-1.5	6.1	-11	-3	.2	102.7	-3.7	.6	-.5
30TH	275.54	-2.9	14.1	2279	2261	-1.3	6.2	-11	-2	3.2	88.6	-2.9	.6	-.4
31ST	284.54	-2.4	14.3	2279	2261	-1.0	6.3	-11	-2	5.5	74.4	-2.2	.5	-.2
32ND	293.54	-1.8	14.4	2279	2261	-.8	6.4	-11	-1	7.4	59.9	-1.5	.5	-.0
33RD	293.54	-1.0	13.8	2279	2261	-.4	6.1	-7	-0	8.3	46.1	-1.1	.4	.1
	302.54	.1	17.1	2997	2973	.0	5.7	-0	0	8.2	29.0	-.6	.3	.1
ROOF	314.38	-.9	10.6	3017	2994	-.3	3.5	-9	-1	9.2	18.4	-.3	.2	.2
MECH	328.50	1.8	6.4	1309	1302	1.3	4.9	4	-1	7.4	12.0	-.2	.1	.1
ELEV	337.17	2.9	3.6	659	651	4.4	5.6	8	-6	4.5	8.4	-.1	.0	.1
TANK	345.83	4.5	8.4	1244	1226	3.6	6.8	8	-5	0.0	0.0	0.0	0.0	0.0
TOP	363.08													

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN								GUST FACTOR 1.32				
WIND DIRECTION 180		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
GRND	0.00	-9.2	5.1	3187	3162	-2.9	1.6	-2	-4	293.0	221.0	-50.4	88.3	9.2
1ST	12.58	-7.6	4.0	2448	2429	-3.1	1.7	-2	-4	302.3	215.8	-47.7	84.6	9.3
2ND	22.25	-8.1	4.0	2311	2293	-3.5	1.7	-3	-5	309.9	211.8	-45.6	81.6	9.3
3RD	31.38	-10.1	5.3	2575	2555	-3.9	2.1	-5	-9	317.9	207.8	-43.7	78.8	9.4
4TH	41.54	-7.4	-1.1	2279	2261	-3.3	-1.1	1	-60	328.1	202.6	-41.6	75.5	9.5
5TH	50.54	-6.7	-1.2	2279	2261	-2.9	-1.1	1	-65	335.5	202.7	-39.8	72.5	10.0
6TH	59.54	-5.9	-1.0	2279	2261	-2.6	-1.0	0	-68	342.2	202.8	-38.0	69.4	10.4
7TH	68.54	-5.2	.1	2279	2261	-2.3	.0	-1	-72	348.1	202.9	-36.2	66.3	10.8
8TH	77.54	-4.5	.2	2279	2261	-2.0	.1	-4	-78	357.8	202.5	-32.5	60.0	11.5
9TH	86.54	-3.7	.4	2279	2261	-1.6	.2	-8	-85	361.5	202.2	-30.7	56.7	11.8
10TH	95.54	-2.3	.7	2279	2261	-1.0	.3	-28	-91	363.8	201.5	-28.9	53.5	12.1
11TH	104.54	-1.2	1.2	2279	2261	-1.1	.5	-57	-8	364.0	200.2	-27.1	50.2	12.1
12TH	113.54	1.9	1.8	2279	2261	.9	.8	22	-24	362.0	198.5	-25.3	46.9	12.0
13TH	122.54	4.1	2.3	2279	2261	1.8	1.0	26	-45	357.9	196.1	-23.5	43.7	11.8
14TH	131.54	6.2	2.8	2279	2261	2.7	1.3	25	-53	351.8	193.3	-21.7	40.5	11.4
15TH	140.54	8.2	3.4	2279	2261	3.6	1.5	23	-57	343.5	189.9	-20.0	37.4	10.9
16TH	149.54	9.5	4.3	2279	2261	4.2	1.9	23	-50	334.1	185.6	-18.3	34.3	10.3
17TH	158.54	10.7	5.2	2279	2261	4.7	2.3	22	-45	323.3	180.3	-16.7	31.4	9.7
18TH	167.54	12.0	6.2	2279	2261	5.2	2.7	21	-41	311.4	174.2	-15.1	28.5	9.1
19TH	176.54	13.2	7.1	2279	2261	5.8	3.1	20	-38	298.2	167.1	-13.5	25.8	8.4
20TH	185.54	14.4	8.0	2279	2261	6.3	3.5	20	-36	283.8	159.1	-12.1	23.1	7.8
21ST	194.54	14.8	8.5	2279	2261	6.5	3.7	19	-33	269.0	150.6	-10.7	20.7	7.1
22ND	203.54	14.8	8.8	2279	2261	6.5	3.9	18	-30	254.3	141.9	-9.4	18.3	6.5
23RD	212.54	14.8	9.1	2279	2261	6.5	4.0	17	-28	239.5	132.8	-8.1	16.1	5.9
24TH	221.54	14.8	9.4	2279	2261	6.5	4.2	16	-25					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 180

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54									224.7	123.4	-7.0	14.0	5.4
26TH	239.54	14.8	9.7	2279	2261	6.5	4.3	15	-23	210.0	113.7	-5.9	12.0	4.9
27TH	248.54	14.9	10.0	2279	2261	6.6	4.4	14	-21	195.0	103.7	-4.9	10.2	4.5
28TH	257.54	15.5	10.2	2279	2261	6.8	4.5	14	-21	179.5	93.5	-4.0	8.5	4.0
29TH	266.54	16.0	10.4	2279	2261	7.0	4.6	13	-21	163.5	83.2	-3.2	7.0	3.5
30TH	275.54	16.6	10.6	2279	2261	7.3	4.7	13	-20	146.9	72.6	-2.5	5.6	3.0
31ST	284.54	17.1	10.8	2279	2261	7.5	4.8	13	-20	129.8	61.8	-1.9	4.3	2.6
32ND	293.54	17.7	11.0	2279	2261	7.8	4.8	12	-20	112.1	50.9	-1.4	3.3	2.1
33RD	302.54	18.8	10.6	2279	2261	8.2	4.7	12	-21	93.3	40.3	-1.0	2.3	1.6
ROOF	314.38	26.5	13.2	2997	2973	8.8	4.4	11	-21	66.8	27.1	-0.6	1.4	.9
MECH	328.50	26.1	8.6	3017	2994	8.6	2.9	4	-13	40.7	18.6	-0.3	.6	.5
ELEV	337.17	14.1	6.0	1309	1302	10.7	4.6	5	-12	26.6	12.6	-0.2	.3	.3
TANK	345.83	9.6	3.9	659	651	14.6	6.0	4	-9	17.0	8.7	-0.1	.1	.2
TOP	363.08	17.0	8.7	1244	1226	13.7	7.1	4	-8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 190

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	.6	-1.1	3187	3162	.2	-.3	12	7	152.9	21.5	-7.1	34.6	4.5
1ST	12.58	.8	-.8	2448	2429	.3	-.3	-4	-4	152.3	22.6	-6.8	32.6	4.5
2ND	22.25	.9	-.7	2311	2293	.4	-.3	-7	-9	151.5	23.4	-6.6	31.2	4.5
3RD	31.38	1.1	-.7	2575	2555	.4	-.3	-3	-5	150.6	24.2	-6.3	29.8	4.5
4TH	41.54	1.2	-.5	2279	2261	.5	-.2	-1	-4	149.4	24.9	-6.1	28.3	4.5
5TH	50.54	1.3	-.4	2279	2261	.6	-.2	-2	-6	148.2	25.3	-5.9	26.9	4.5
6TH	59.54	1.3	-.4	2279	2261	.6	-.2	-2	-8	147.0	25.8	-5.6	25.6	4.5
7TH	68.54	1.4	-.3	2279	2261	.6	-.1	-3	-10	145.7	26.2	-5.4	24.3	4.5
8TH	77.54	1.4	-.3	2279	2261	.6	-.1	-3	-13	144.3	26.5	-5.2	23.0	4.5
9TH	86.54	1.5	-.2	2279	2261	.6	-.1	-2	-15	142.9	26.8	-4.9	21.7	4.4
10TH	95.54	1.7	-.2	2279	2261	.7	-.1	-2	-21	141.5	27.0	-4.7	20.4	4.4
11TH	104.54	2.0	-.1	2279	2261	.9	-.0	-1	-29	139.8	27.2	-4.4	19.1	4.4
12TH	113.54	2.4	.0	2279	2261	1.1	.0	0	-34	137.8	27.3	-4.2	17.9	4.3
13TH	122.54	2.8	.1	2279	2261	1.2	.1	2	-38	135.3	27.3	-3.9	16.7	4.2
14TH	131.54	3.2	.2	2279	2261	1.4	.1	3	-40	132.5	27.2	-3.7	15.4	4.1
15TH	140.54	3.5	.3	2279	2261	1.6	.1	4	-42	129.4	26.9	-3.5	14.3	4.0
16TH	149.54	3.8	.4	2279	2261	1.7	.2	4	-40	125.8	26.6	-3.2	13.1	3.8
17TH	158.54	4.2	.5	2279	2261	1.8	.2	5	-39	122.0	26.2	-3.0	12.0	3.7
18TH	167.54	4.5	.6	2279	2261	2.0	.3	5	-37	117.8	25.7	-2.7	10.9	3.5
19TH	176.54	4.8	.7	2279	2261	2.1	.3	5	-36	113.4	25.1	-2.5	9.9	3.4
20TH	185.54	5.1	.8	2279	2261	2.2	.4	6	-35	108.6	24.4	-2.3	8.9	3.2
21ST	194.54	5.3	.9	2279	2261	2.3	.4	6	-34	103.5	23.5	-2.1	7.9	3.0
22ND	203.54	5.5	1.0	2279	2261	2.4	.4	6	-33	98.2	22.6	-1.9	7.0	2.8
23RD	212.54	5.7	1.0	2279	2261	2.5	.4	6	-32	92.6	21.7	-1.7	6.2	2.6
24TH	221.54	5.9	1.1	2279	2261	2.6	.5	6	-31	86.9	20.7	-1.5	5.4	2.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 190													MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN CONFIGURATION A REFERENCE PRESSURE 38.0 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														
25TH	230.54									81.0	19.6	-1.3	4.6	2.3														
26TH	239.54	6.1	1.1	2279	2261	2.7	.5	6	-31	74.9	18.5	-1.1	3.9	2.1														
27TH	248.54	6.3	1.2	2279	2261	2.8	.5	6	-30	68.6	17.3	-1.0	3.3	1.9														
28TH	257.54	6.4	1.3	2279	2261	2.8	.6	6	-30	62.2	16.0	-.8	2.7	1.7														
29TH	266.54	6.6	1.3	2279	2261	2.9	.6	6	-29	55.6	14.7	-.7	2.1	1.5														
29TH	266.54	6.8	1.4	2279	2261	3.0	.6	6	-29	48.9	13.3	-.6	1.7	1.3														
30TH	275.54	6.9	1.4	2279	2261	3.0	.6	6	-28	42.0	11.9	-.4	1.3	1.1														
31ST	284.54	7.1	1.5	2279	2261	3.1	.7	6	-28	34.9	10.5	-.3	.9	.9														
32ND	293.54	7.1	1.5	2279	2261	3.1	.7	6	-29	27.8	8.9	-.2	.6	.6														
33RD	302.54	9.2	2.0	2997	2973	3.1	.7	7	-31	18.6	6.9	-.2	.4	.3														
ROOF	314.38	8.5	2.2	3017	2994	2.8	.7	5	-19	10.0	4.7	-.1	.2	.2														
MECH	328.50	3.7	1.8	1309	1302	2.9	1.3	8	-17	6.3	3.0	-.0	.1	.1														
ELEV	337.17	2.1	1.0	659	651	3.2	1.5	6	-12	4.2	2.0	-.0	.0	.1														
TANK	345.83	4.2	2.0	1244	1226	3.4	1.6	5	-10	0.0	0.0	0.0	0.0	0.0														
TOP	363.68																											

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 200

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	6.7	-1.8	3187	3162	2.1	-6	-1	-4	280.7	9.7	-4.5	54.5	6.8
1ST	12.58	5.1	-1.1	2448	2429	2.1	-4	-2	-9	274.0	11.5	-4.4	51.0	6.8
2ND	22.25	4.8	-8	2311	2293	2.1	-4	-2	-13	268.9	12.5	-4.3	48.4	6.7
3RD	31.38	5.3	-1.0	2575	2555	2.1	-4	-2	-14	264.1	13.4	-4.2	46.0	6.7
4TH	41.54	4.9	-5	2279	2261	2.2	-2	-2	-20	258.7	14.3	-4.0	43.3	6.6
5TH	50.54	5.0	-4	2279	2261	2.2	-2	-2	-22	253.8	14.8	-3.9	41.0	6.5
6TH	59.54	5.1	-4	2279	2261	2.2	-2	-2	-23	248.8	15.2	-3.7	38.7	6.4
7TH	68.54	5.2	-3	2279	2261	2.3	-2	-2	-25	243.6	15.6	-3.6	36.5	6.3
8TH	77.54	5.3	-3	2279	2261	2.3	-1	-2	-26	238.4	15.9	-3.5	34.4	6.1
9TH	86.54	5.4	-3	2279	2261	2.4	-1	-1	-28	233.1	16.3	-3.3	32.2	6.0
10TH	95.54	5.5	-2	2279	2261	2.4	-1	-1	-29	227.7	16.5	-3.2	30.2	5.8
11TH	104.54	5.8	-2	2279	2261	2.5	-1	-1	-29	222.2	16.8	-3.0	28.1	5.7
12TH	113.54	6.0	-1	2279	2261	2.6	-1	-1	-30	216.4	17.0	-2.9	26.2	5.5
13TH	122.54	6.2	-1	2279	2261	2.7	-0	-0	-30	210.4	17.1	-2.7	24.2	5.3
14TH	131.54	6.4	-0	2279	2261	2.8	-0	-0	-31	204.2	17.2	-2.6	22.4	5.1
15TH	140.54	6.7	0	2279	2261	2.9	0	0	-31	197.8	17.2	-2.4	20.6	4.9
16TH	149.54	7.0	1	2279	2261	3.1	0	0	-30	191.2	17.2	-2.3	18.8	4.7
17TH	158.54	7.4	2	2279	2261	3.2	1	1	-29	184.2	17.1	-2.1	17.1	4.5
18TH	167.54	7.7	3	2279	2261	3.4	1	1	-29	176.8	16.9	-1.9	15.5	4.3
19TH	176.54	8.1	3	2279	2261	3.5	2	1	-28	169.1	16.7	-1.8	13.9	4.1
20TH	185.54	8.4	4	2279	2261	3.7	2	1	-27	161.0	16.3	-1.6	12.5	3.9
21ST	194.54	8.7	5	2279	2261	3.8	2	1	-27	152.6	15.9	-1.5	11.0	3.6
22ND	203.54	9.0	5	2279	2261	3.9	2	2	-26	143.9	15.4	-1.4	9.7	3.4
23RD	212.54	9.2	6	2279	2261	4.0	3	2	-26	134.9	14.9	-1.2	8.5	3.2
24TH	221.54	9.5	6	2279	2261	4.2	3	2	-26	125.7	14.3	-1.1	7.3	2.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN						GUST FACTOR 1.32				
WIND DIRECTION 200		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									116.2	13.7	-1.0	6.2	2.7
26TH	239.54	9.7	.7	2279	2261	4.3	.3	2	-25	106.5	13.0	-.8	5.2	2.4
27TH	248.54	9.9	.7	2279	2261	4.4	.3	2	-25	96.5	12.3	-.7	4.3	2.2
28TH	257.54	10.1	.8	2279	2261	4.4	.3	2	-25	86.5	11.5	-.6	3.5	1.9
29TH	266.54	10.2	.9	2279	2261	4.5	.4	2	-24	76.3	10.7	-.5	2.7	1.7
30TH	275.54	10.3	.9	2279	2261	4.5	.4	2	-24	66.0	9.7	-.4	2.1	1.4
31ST	284.54	10.4	1.0	2279	2261	4.6	.4	2	-24	55.6	8.8	-.4	1.5	1.2
32ND	293.54	10.5	1.0	2279	2261	4.6	.5	2	-24	45.1	7.7	-.3	1.1	.9
33RD	302.54	10.2	1.0	2279	2261	4.5	.4	2	-25	34.9	6.7	-.2	.7	.7
ROOF	314.38	12.8	1.2	2997	2973	4.3	.4	2	-26	22.1	5.5	-.1	.4	.3
MECH	328.50	11.7	1.3	3017	2994	3.9	.4	2	-16	10.4	4.2	-.1	.2	.1
ELEV	337.17	4.2	1.1	1309	1302	3.2	.9	4	-16	6.2	3.1	-.0	.1	.1
TANK	345.83	1.8	1.0	659	651	2.7	1.5	6	-11	4.4	2.1	-.0	.0	.0
TOP	363.08	4.4	2.1	1244	1226	3.6	1.7	4	-8	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									345.4	44.3	-10.2	62.8	7.4
1ST	12.58	10.9	-.4	3187	3162	3.4	-.1	-0	-5	334.5	44.7	-9.6	58.6	7.3
2ND	22.25	8.5	-.2	2448	2429	3.5	-.1	-0	-9	326.0	44.9	-9.2	55.4	7.2
3RD	31.38	8.1	-.2	2311	2293	3.5	-.1	-0	-10	317.9	45.1	-8.8	52.4	7.2
4TH	41.54	8.9	-.3	2575	2555	3.5	-.1	-0	-10	308.9	45.3	-8.3	49.3	7.1
5TH	50.54	7.9	.5	2279	2261	3.4	.2	1	-15	301.1	44.8	-7.9	46.5	6.9
6TH	59.54	7.8	.6	2279	2261	3.4	.3	1	-17	293.3	44.2	-7.5	43.8	6.8
7TH	68.54	7.7	.7	2279	2261	3.4	.3	2	-19	285.5	43.6	-7.1	41.2	6.7
8TH	77.54	7.7	.7	2279	2261	3.4	.3	2	-20	277.7	43.0	-6.8	38.7	6.5
9TH	86.54	7.7	.7	2279	2261	3.4	.3	2	-22	270.0	42.3	-6.4	36.2	6.4
10TH	95.54	7.7	.8	2279	2261	3.4	.3	2	-23	262.4	41.5	-6.0	33.8	6.2
11TH	104.54	7.7	.8	2279	2261	3.4	.4	2	-23	254.7	40.7	-5.6	31.5	6.0
12TH	113.54	7.9	.9	2279	2261	3.4	.4	3	-23	246.8	39.8	-5.3	29.2	5.8
13TH	122.54	8.0	.9	2279	2261	3.5	.4	3	-24	238.8	38.9	-4.9	27.1	5.6
14TH	131.54	8.1	1.0	2279	2261	3.6	.4	3	-25	230.7	38.0	-4.6	25.0	5.4
15TH	140.54	8.3	1.0	2279	2261	3.6	.5	3	-25	222.4	36.9	-4.2	22.9	5.2
16TH	149.54	8.4	1.1	2279	2261	3.7	.5	3	-26	214.0	35.9	-3.9	20.9	5.0
17TH	158.54	8.6	1.1	2279	2261	3.8	.5	3	-26	205.4	34.7	-3.6	19.1	4.8
18TH	167.54	8.8	1.2	2279	2261	3.8	.5	4	-26	196.7	33.5	-3.3	17.3	4.5
19TH	176.54	8.9	1.3	2279	2261	3.9	.6	4	-27	187.7	32.2	-3.0	15.5	4.3
20TH	185.54	9.1	1.4	2279	2261	4.0	.6	4	-27	178.6	30.9	-2.7	13.9	4.1
21ST	194.54	9.3	1.4	2279	2261	4.1	.6	4	-27	169.3	29.5	-2.4	12.3	3.8
22ND	203.54	9.6	1.5	2279	2261	4.2	.6	4	-26	159.8	28.0	-2.2	10.8	3.5
23RD	212.54	9.9	1.5	2279	2261	4.3	.7	4	-25	149.9	26.5	-1.9	9.4	3.3
24TH	221.54	10.2	1.5	2279	2261	4.5	.7	4	-25	139.7	25.0	-1.7	8.1	3.0
		10.5	1.5	2279	2261	4.6	.7	3	-24					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN						GUST FACTOR 1.32				
WIND DIRECTION 210		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									129.2	23.5	-1.5	6.9	2.8
26TH	239.54	10.8	1.6	2279	2261	4.8	.7	3	-23	118.3	21.9	-1.3	5.8	2.5
27TH	248.54	11.1	1.6	2279	2261	4.9	.7	3	-22	107.3	20.3	-1.1	4.8	2.3
28TH	257.54	11.2	1.7	2279	2261	4.9	.7	3	-23	96.1	18.7	-.9	3.9	2.0
29TH	266.54	11.2	1.8	2279	2261	4.9	.8	4	-23	84.9	16.9	-.7	3.1	1.7
30TH	275.54	11.3	1.8	2279	2261	5.0	.8	4	-23	73.6	15.1	-.6	2.4	1.5
31ST	284.54	11.4	1.9	2279	2261	5.0	.8	4	-23	62.2	13.2	-.5	1.7	1.2
32ND	293.54	11.5	2.0	2279	2261	5.0	.9	4	-23	50.7	11.2	-.4	1.2	.9
33RD	302.54	11.2	1.9	2279	2261	4.9	.8	4	-23	39.5	9.2	-.3	.8	.7
ROOF	314.38	14.3	2.4	2997	2973	4.8	.8	4	-23	25.1	6.9	-.2	.4	.3
MECH	328.50	13.2	2.0	3017	2994	4.4	.7	2	-14	12.0	4.8	-.1	.2	.1
ELEV	337.17	4.7	1.3	1309	1302	3.6	1.0	4	-15	7.3	3.6	-.0	.1	.1
TANK	345.83	2.2	1.1	659	651	3.3	1.7	5	-10	5.1	2.4	-.0	.0	.0
TOP	363.08	5.1	2.4	1244	1226	4.1	2.0	3	-7	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 220

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	7.5	.1	3187	3162	2.4	.0	-0	11	238.4	18.9	-5.0	42.0	.7
1ST	12.58	6.1	.1	2448	2429	2.5	.0	-0	10	230.9	18.8	-4.8	39.0	.8
2ND	22.25	6.0	.1	2311	2293	2.6	.0	-0	9	224.8	18.7	-4.6	36.8	.9
3RD	31.38	6.8	-.0	2575	2555	2.6	-.0	0	10	218.9	18.6	-4.5	34.8	.9
4TH	41.54	6.1	-.1	2279	2261	2.7	-.1	0	12	212.1	18.7	-4.3	32.6	1.0
5TH	50.54	6.1	-.1	2279	2261	2.7	-.1	0	11	205.9	18.8	-4.1	30.7	1.1
6TH	59.54	6.0	-.1	2279	2261	2.6	-.0	0	11	199.8	18.9	-3.9	28.9	1.1
7TH	68.54	5.9	-.1	2279	2261	2.6	-.0	0	10	193.8	19.0	-3.8	27.1	1.2
8TH	77.54	5.9	-.1	2279	2261	2.6	-.0	0	9	187.9	19.1	-3.6	25.4	1.2
9TH	86.54	5.8	-.1	2279	2261	2.5	-.0	0	9	182.0	19.2	-3.4	23.7	1.3
10TH	95.54	5.8	-.0	2279	2261	2.5	-.0	0	8	176.2	19.3	-3.2	22.1	1.3
11TH	104.54	5.9	.0	2279	2261	2.6	.0	-0	6	170.4	19.3	-3.1	20.6	1.4
12TH	113.54	5.9	.1	2279	2261	2.6	.0	-0	4	164.6	19.3	-2.9	19.1	1.4
13TH	122.54	6.0	.2	2279	2261	2.6	.1	-0	3	158.7	19.2	-2.7	17.6	1.5
14TH	131.54	6.0	.2	2279	2261	2.6	.1	-0	1	152.7	19.0	-2.5	16.2	1.5
15TH	140.54	6.1	.3	2279	2261	2.7	.1	0	-0	146.7	18.8	-2.4	14.9	1.5
16TH	149.54	6.1	.3	2279	2261	2.7	.1	0	-1	140.6	18.5	-2.2	13.6	1.5
17TH	158.54	6.2	.4	2279	2261	2.7	.2	0	-2	134.4	18.2	-2.0	12.3	1.5
18TH	167.54	6.2	.4	2279	2261	2.7	.2	0	-3	128.3	17.8	-1.9	11.1	1.5
19TH	176.54	6.2	.5	2279	2261	2.7	.2	0	-4	122.1	17.4	-1.7	10.0	1.4
20TH	185.54	6.3	.5	2279	2261	2.7	.2	0	-5	115.9	16.9	-1.6	8.9	1.4
21ST	194.54	6.4	.6	2279	2261	2.8	.3	1	-6	109.6	16.4	-1.4	7.9	1.4
22ND	203.54	6.5	.6	2279	2261	2.9	.3	1	-8	103.2	15.9	-1.3	7.0	1.3
23RD	212.54	6.6	.7	2279	2261	2.9	.3	1	-9	96.7	15.2	-1.1	6.1	1.3
24TH	221.54	6.8	.7	2279	2261	3.0	.3	1	-11	90.1	14.5	-1.0	5.2	1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54	6.9	.8	2279	2261	3.0	.4	1	-12	83.3	13.8	-.9	4.4	1.2
26TH	239.54	7.0	.9	2279	2261	3.1	.4	2	-13	76.4	13.0	-.7	3.7	1.1
27TH	248.54	7.2	.9	2279	2261	3.1	.4	2	-13	69.4	12.1	-.6	3.1	1.0
28TH	257.54	7.3	1.0	2279	2261	3.2	.4	2	-14	62.3	11.2	-.5	2.5	.9
29TH	266.54	7.4	1.1	2279	2261	3.3	.5	2	-14	55.0	10.2	-.4	2.0	.8
30TH	275.54	7.5	1.2	2279	2261	3.3	.5	2	-14	47.6	9.1	-.3	1.5	.7
31ST	284.54	7.7	1.2	2279	2261	3.4	.5	2	-15	40.0	7.9	-.3	1.1	.6
32ND	293.54	7.4	1.2	2279	2261	3.3	.5	3	-16	32.3	6.7	-.2	.8	.4
33RD	302.54	9.3	1.5	2997	2973	3.1	.5	3	-17	24.9	5.5	-.1	.5	.3
ROOF	314.38	8.2	1.4	3017	2994	2.7	.5	2	-11	15.6	4.0	-.1	.3	.2
MECH	328.50	2.8	.8	1309	1302	2.1	.6	4	-14	7.3	2.6	-.0	.1	.1
ELEV	337.17	1.3	.6	659	651	1.9	.9	5	-11	4.5	1.9	-.0	.1	.0
TANK	345.83	3.3	1.3	1244	1226	2.6	1.0	2	-6	3.3	1.3	-.0	.0	.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 230

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	13.1	-0	3187	3162	4.1	-0	0	9	365.9	16.9	-4.1	64.2	-1.6
1ST	12.58	10.2	.4	2448	2429	4.2	.1	-0	8	352.8	16.9	-3.9	59.7	-1.5
2ND	22.25	9.6	.4	2311	2293	4.1	.2	-0	8	342.6	16.6	-3.7	56.3	-1.4
3RD	31.38	10.4	.3	2575	2555	4.0	.1	-0	9	333.0	16.1	-3.6	53.2	-1.3
4TH	41.54	8.7	.0	2279	2261	3.8	.0	-0	12	322.6	15.8	-3.4	49.9	-1.2
5TH	50.54	8.7	.0	2279	2261	3.8	.0	-0	12	313.9	15.8	-3.2	47.0	-1.1
6TH	59.54	8.8	.0	2279	2261	3.8	.0	-0	11	305.1	15.8	-3.1	44.3	-1.0
7TH	68.54	8.8	.0	2279	2261	3.9	.0	-0	11	296.4	15.8	-3.0	41.5	-.9
8TH	77.54	8.8	.0	2279	2261	3.9	.0	-0	10	287.6	15.7	-2.8	38.9	-.8
9TH	86.54	8.9	.0	2279	2261	3.9	.0	-0	9	278.7	15.7	-2.7	36.4	-.8
10TH	95.54	8.9	.1	2279	2261	3.9	.0	-0	9	269.9	15.7	-2.5	33.9	-.7
11TH	104.54	8.9	.1	2279	2261	3.9	.0	-0	9	261.0	15.6	-2.4	31.5	-.6
12TH	113.54	9.0	.1	2279	2261	3.9	.1	-0	8	252.1	15.5	-2.3	29.2	-.5
13TH	122.54	9.0	.2	2279	2261	3.9	.1	-0	8	243.1	15.4	-2.1	27.0	-.4
14TH	131.54	9.0	.2	2279	2261	4.0	.1	-0	8	234.1	15.2	-2.0	24.8	-.4
15TH	140.54	9.1	.2	2279	2261	4.0	.1	-0	7	225.1	15.0	-1.8	22.8	-.3
16TH	149.54	9.2	.3	2279	2261	4.0	.1	-0	7	216.1	14.8	-1.7	20.8	-.2
17TH	158.54	9.3	.3	2279	2261	4.1	.1	-0	6	206.9	14.5	-1.6	18.9	-.2
18TH	167.54	9.4	.4	2279	2261	4.1	.2	-0	5	197.6	14.1	-1.5	17.1	-.1
19TH	176.54	9.6	.4	2279	2261	4.2	.2	-0	5	188.1	13.8	-1.3	15.3	-.1
20TH	185.54	9.7	.5	2279	2261	4.3	.2	-0	4	178.6	13.3	-1.2	13.7	-.0
21ST	194.54	9.9	.5	2279	2261	4.4	.2	-0	3	168.8	12.9	-1.1	12.1	.0
22ND	203.54	10.2	.5	2279	2261	4.5	.2	-0	3	158.9	12.4	-1.0	10.6	.1
23RD	212.54	10.4	.6	2279	2261	4.6	.3	-0	2	148.8	11.8	-.9	9.2	.1
24TH	221.54	10.7	.6	2279	2261	4.7	.3	-0	1	138.3	11.2	-.8	8.0	.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54									127.7	10.6	-.7	6.8	.1
26TH	239.54	10.9	.7	2279	2261	4.8	.3	-0	1	116.8	10.0	-.6	5.7	.1
27TH	248.54	11.1	.7	2279	2261	4.9	.3	-0	0	105.7	9.3	-.5	4.7	.1
28TH	257.54	11.2	.7	2279	2261	4.9	.3	0	-0	94.5	8.5	-.4	3.8	.1
29TH	266.54	11.3	.8	2279	2261	4.9	.3	0	-1	83.2	7.8	-.3	3.0	.1
30TH	275.54	11.3	.8	2279	2261	5.0	.4	0	-1	71.9	6.9	-.3	2.3	.1
31ST	284.54	11.4	.9	2279	2261	5.0	.4	0	-1	60.5	6.1	-.2	1.7	.1
32ND	293.54	11.5	.9	2279	2261	5.0	.4	0	-2	49.0	5.2	-.2	1.2	.1
33RD	302.54	11.2	.9	2279	2261	4.9	.4	0	-2	37.8	4.3	-.1	.8	.1
ROOF	314.38	14.2	1.2	2997	2973	4.8	.4	0	-1	23.5	3.1	-.1	.4	.0
MECH	328.50	12.6	1.2	3017	2994	4.2	.4	0	0	10.9	1.9	-.0	.2	.0
ELEV	337.17	4.1	.4	1309	1302	3.1	.3	1	-6	6.8	1.4	-.0	.1	.0
TANK	345.83	1.8	.4	659	651	2.8	.7	2	-7	5.0	1.0	-.0	.0	.0
TOP	363.08	5.0	1.0	1244	1226	4.0	.8	0	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00	14.6	-.2	3187	3162	4.6	-.1	0	11	455.1	12.8	-3.7	80.5	-2.8
1ST	12.58	11.6	.1	2448	2429	4.7	.1	-0	11	440.6	13.0	-3.6	74.9	-2.7
2ND	22.25	11.2	.3	2311	2293	4.9	.1	-0	11	428.9	12.9	-3.5	70.6	-2.5
3RD	31.38	12.6	.2	2575	2555	4.9	.1	-0	11	417.7	12.6	-3.3	66.8	-2.4
4TH	41.54	11.2	-.2	2279	2261	4.9	-.1	0	14	405.1	12.3	-3.2	62.6	-2.3
5TH	50.54	11.2	-.2	2279	2261	4.9	-.1	0	14	393.9	12.5	-3.1	59.0	-2.1
6TH	59.54	11.2	-.2	2279	2261	4.9	-.1	0	14	382.8	12.7	-3.0	55.5	-2.0
7TH	68.54	11.1	-.2	2279	2261	4.9	-.1	0	14	371.7	12.9	-2.9	52.1	-1.8
8TH	77.54	11.1	-.2	2279	2261	4.9	-.1	0	14	360.6	13.1	-2.8	48.8	-1.7
9TH	86.54	11.0	-.2	2279	2261	4.8	-.1	0	13	349.6	13.3	-2.6	45.6	-1.5
10TH	95.54	11.0	-.3	2279	2261	4.8	-.1	0	13	338.6	13.6	-2.5	42.5	-1.4
11TH	104.54	11.0	-.2	2279	2261	4.8	-.1	0	13	327.6	13.8	-2.4	39.5	-1.2
12TH	113.54	11.1	-.2	2279	2261	4.9	-.1	0	12	316.5	14.0	-2.3	36.6	-1.1
13TH	122.54	11.2	-.1	2279	2261	4.9	-.0	0	12	305.3	14.1	-2.1	33.8	-1.0
14TH	131.54	11.3	-.0	2279	2261	5.0	-.0	0	11	293.9	14.1	-2.0	31.1	-.8
15TH	140.54	11.4	.0	2279	2261	5.0	.0	-0	10	282.5	14.1	-1.9	28.5	-.7
16TH	149.54	11.5	.1	2279	2261	5.1	.0	-0	10	271.0	14.0	-1.8	26.1	-.6
17TH	158.54	11.7	.1	2279	2261	5.1	.1	-0	9	259.3	13.9	-1.6	23.7	-.5
18TH	167.54	11.8	.2	2279	2261	5.2	.1	-0	8	247.5	13.7	-1.5	21.4	-.4
19TH	176.54	12.0	.2	2279	2261	5.3	.1	-0	7	235.5	13.5	-1.4	19.2	-.3
20TH	185.54	12.1	.3	2279	2261	5.3	.1	-0	6	223.4	13.2	-1.3	17.2	-.2
21ST	194.54	12.3	.3	2279	2261	5.4	.1	-0	6	211.1	12.9	-1.1	15.2	-.2
22ND	203.54	12.5	.4	2279	2261	5.5	.2	-0	5	198.7	12.5	-1.0	13.4	-.1
23RD	212.54	12.7	.4	2279	2261	5.6	.2	-0	4	186.0	12.0	-.9	11.6	-.1
24TH	221.54	12.9	.5	2279	2261	5.7	.2	-0	3	173.1	11.5	-.8	10.0	-.0
		13.1	.6	2279	2261	5.8	.2	-0	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 240

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54	13.3	.6	2279	2261	5.8	.3	-0	2	160.0	11.0	-1.7	8.5	.0
26TH	239.54	13.5	.7	2279	2261	5.9	.3	-0	1	146.7	10.4	-1.6	7.1	.0
27TH	248.54	13.8	.7	2279	2261	6.0	.3	-0	1	133.1	9.7	-1.5	5.9	.1
28TH	257.54	14.0	.7	2279	2261	6.1	.3	-0	1	119.4	9.0	-1.4	4.7	.1
29TH	266.54	14.3	.8	2279	2261	6.3	.3	-0	1	105.3	8.2	-1.4	3.7	.1
30TH	275.54	14.5	.8	2279	2261	6.4	.4	-0	0	91.1	7.4	-1.3	2.8	.1
31ST	284.54	14.7	.9	2279	2261	6.5	.4	-0	0	76.6	6.6	-1.2	2.1	.1
32ND	293.54	14.3	.9	2279	2261	6.3	.4	0	-1	61.9	5.7	-1.2	1.5	.1
33RD	302.54	18.2	1.2	2997	2973	6.1	.4	0	-2	47.5	4.9	-1.1	1.0	.1
ROOF	314.38	15.9	1.5	3017	2994	5.3	.5	0	-1	29.4	3.7	-1.1	.5	.1
MECH	328.50	5.2	.5	1309	1302	4.0	.4	1	-7	13.4	2.2	-1.0	.2	.1
ELEV	337.17	2.3	.5	659	651	3.5	.8	1	-6	8.2	1.7	-1.0	.1	.0
TANK	345.83	5.9	1.1	1244	1226	4.7	.9	0	-1	5.9	1.1	-1.0	.1	.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 250

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	15.7	-1.1	3187	3162	4.9	-.4	1	21	477.7	-30.9	4.8	82.6	-9.9
1ST	12.58	12.6	-.7	2448	2429	5.1	-.3	1	21	462.1	-29.7	4.5	76.7	-9.5
2ND	22.25	12.2	-.6	2311	2293	5.3	-.2	1	21	449.5	-29.0	4.2	72.3	-9.3
3RD	31.38	13.7	-.6	2575	2555	5.3	-.2	1	21	437.2	-28.5	3.9	68.3	-9.0
4TH	41.54	12.2	-.9	2279	2261	5.3	-.4	2	22	423.5	-27.9	3.6	63.9	-8.7
5TH	50.54	12.2	-.9	2279	2261	5.3	-.4	2	22	411.3	-26.9	3.4	60.1	-8.4
6TH	59.54	12.2	-.9	2279	2261	5.3	-.4	2	22	399.1	-26.0	3.1	56.5	-8.2
7TH	68.54	12.2	-1.0	2279	2261	5.4	-.4	2	22	386.9	-25.1	2.9	52.9	-7.9
8TH	77.54	12.2	-1.0	2279	2261	5.4	-.4	2	22	374.7	-24.1	2.7	49.5	-7.6
9TH	86.54	12.2	-1.0	2279	2261	5.4	-.4	2	23	362.5	-23.1	2.5	46.2	-7.3
10TH	95.54	12.2	-1.0	2279	2261	5.4	-.4	2	23	350.3	-22.2	2.3	43.0	-7.1
11TH	104.54	12.2	-1.0	2279	2261	5.4	-.4	2	23	338.1	-21.2	2.1	39.9	-6.8
12TH	113.54	12.3	-1.0	2279	2261	5.4	-.4	2	23	325.9	-20.2	1.9	36.9	-6.5
13TH	122.54	12.3	-1.0	2279	2261	5.4	-.5	2	24	313.6	-19.2	1.7	34.0	-6.2
14TH	131.54	12.3	-1.0	2279	2261	5.4	-.5	2	24	301.3	-18.1	1.6	31.3	-5.9
15TH	140.54	12.4	-1.1	2279	2261	5.4	-.5	2	24	289.0	-17.1	1.4	28.6	-5.6
16TH	149.54	12.5	-1.0	2279	2261	5.5	-.5	2	24	276.6	-16.0	1.2	26.1	-5.3
17TH	158.54	12.7	-1.0	2279	2261	5.6	-.4	2	24	264.1	-15.0	1.1	23.6	-5.0
18TH	167.54	12.9	-1.0	2279	2261	5.6	-.4	2	23	251.4	-14.0	1.0	21.3	-4.7
19TH	176.54	13.0	-.9	2279	2261	5.7	-.4	2	23	238.6	-13.0	.9	19.1	-4.4
20TH	185.54	13.2	-.9	2279	2261	5.8	-.4	2	23	225.5	-12.1	.7	17.0	-4.1
21ST	194.54	13.3	-.9	2279	2261	5.8	-.4	2	22	212.3	-11.1	.6	15.0	-3.8
22ND	203.54	13.4	-.9	2279	2261	5.9	-.4	1	22	199.1	-10.2	.5	13.2	-3.5
23RD	212.54	13.4	-.9	2279	2261	5.9	-.4	1	21	185.7	-9.3	.5	11.5	-3.2
24TH	221.54	13.5	-.9	2279	2261	5.9	-.4	1	21	172.3	-8.4	.4	9.8	-2.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN										GUST FACTOR 1.32				
WIND DIRECTION 250		CONFIGURATION A				REFERENCE PRESSURE 38.0 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		
25TH	230.34									158.7	-7.5	.3	8.4	-2.7		
26TH	239.34	13.6	-.9	2279	2261	6.0	-.4	1	20	145.2	-6.6	.2	7.0	-2.4		
27TH	248.34	13.7	-.9	2279	2261	6.0	-.4	1	20	131.5	-5.7	.2	5.7	-2.1		
28TH	257.34	13.9	-.9	2279	2261	6.1	-.4	1	20	117.6	-4.8	.1	4.6	-1.8		
29TH	266.34	14.1	-.9	2279	2261	6.2	-.4	1	19	103.5	-4.0	.1	3.6	-1.6		
30TH	275.34	14.3	-.9	2279	2261	6.3	-.4	1	19	89.2	-3.1	.1	2.8	-1.3		
31ST	284.34	14.5	-.9	2279	2261	6.4	-.4	1	19	74.6	-2.3	.0	2.0	-1.0		
32ND	293.34	14.7	-.8	2279	2261	6.5	-.4	1	18	59.9	-1.4	.0	1.4	-.7		
33RD	302.34	14.1	-.7	2279	2261	6.2	-.3	1	17	45.8	-.7	.0	.9	-.5		
ROOF	314.38	17.5	-.7	2997	2973	5.8	-.2	1	16	28.2	.0	.0	.5	-.2		
MECH	328.50	14.9	.3	3017	2994	4.9	.1	-0	10	13.4	-.3	.0	.2	-.1		
ELEV	337.17	4.9	-.1	1309	1302	3.7	-.1	0	3	8.5	-.2	.0	.1	-.0		
TANK	345.83	2.3	-.0	659	651	3.5	-.0	0	2	6.2	-.2	.0	.1	-.0		
TOP	363.08	6.2	-.2	1244	1226	5.0	-.2	0	6	0.0	0.0	0.0	0.0	0.0		

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260 CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	17.4	-1.9	3187	3162	5.5	-.6	2	23	552.4	-44.3	7.5	96.9	-13.2
1ST	12.58	14.1	-1.0	2448	2429	5.8	-.4	2	23	534.9	-42.4	7.0	90.0	-12.8
2ND	22.25	13.8	-.7	2311	2293	6.0	-.3	1	24	520.8	-41.4	6.6	84.9	-12.4
3RD	31.38	15.4	-.8	2575	2555	6.0	-.3	1	24	507.0	-40.7	6.2	80.2	-12.1
4TH	41.54	14.0	-1.1	2279	2261	6.1	-.5	2	26	491.6	-39.9	5.8	75.2	-11.7
5TH	50.54	13.9	-1.1	2279	2261	6.1	-.5	2	26	477.6	-38.8	5.5	70.8	-11.4
6TH	59.54	13.9	-1.1	2279	2261	6.1	-.5	2	26	463.7	-37.7	5.1	66.6	-11.0
7TH	68.54	13.8	-1.1	2279	2261	6.1	-.5	2	26	449.8	-36.6	4.8	62.5	-10.7
8TH	77.54	13.8	-1.2	2279	2261	6.0	-.5	2	26	436.0	-35.4	4.4	58.5	-10.3
9TH	86.54	13.7	-1.2	2279	2261	6.0	-.5	2	26	422.2	-34.3	4.1	54.6	-9.9
10TH	95.54	13.7	-1.2	2279	2261	6.0	-.5	2	26	408.5	-33.1	3.8	50.9	-9.6
11TH	104.54	13.8	-1.2	2279	2261	6.0	-.5	2	26	394.8	-31.9	3.5	47.2	-9.2
12TH	113.54	13.9	-1.2	2279	2261	6.1	-.5	2	27	381.0	-30.7	3.3	43.8	-8.8
13TH	122.54	13.9	-1.2	2279	2261	6.1	-.5	2	27	367.1	-29.5	3.0	40.4	-8.5
14TH	131.54	14.0	-1.2	2279	2261	6.1	-.5	2	27	353.2	-28.2	2.7	37.2	-8.1
15TH	140.54	14.0	-1.2	2279	2261	6.2	-.6	2	27	339.3	-27.0	2.5	34.0	-7.7
16TH	149.54	14.2	-1.3	2279	2261	6.3	-.6	2	27	325.2	-25.8	2.2	31.0	-7.3
17TH	158.54	14.5	-1.3	2279	2261	6.3	-.6	2	26	311.0	-24.5	2.0	28.2	-7.0
18TH	167.54	14.7	-1.3	2279	2261	6.4	-.6	2	26	296.5	-23.2	1.8	25.4	-6.6
19TH	176.54	14.9	-1.3	2279	2261	6.5	-.6	2	26	281.8	-21.9	1.6	22.8	-6.2
20TH	185.54	15.1	-1.3	2279	2261	6.6	-.6	2	25	267.0	-20.6	1.4	20.4	-5.8
21ST	194.54	15.2	-1.3	2279	2261	6.7	-.6	2	25	251.9	-19.3	1.2	18.0	-5.4
22ND	203.54	15.4	-1.4	2279	2261	6.8	-.6	2	25	236.7	-18.0	1.1	15.8	-5.0
23RD	212.54	15.6	-1.4	2279	2261	6.8	-.6	2	25	221.3	-16.6	.9	13.8	-4.6
24TH	221.54	15.7	-1.4	2279	2261	6.9	-.6	2	25	205.7	-15.2	.8	11.9	-4.2

TABLE 7 SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 260

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54	15.9	-1.4	2279	2261	7.0	-.6	2	25	190.0	-13.8	.6	10.1	-3.8
26TH	239.54	16.1	-1.5	2279	2261	7.1	-.6	2	25	174.1	-12.4	.5	8.4	-3.4
27TH	248.54	16.4	-1.5	2279	2261	7.2	-.6	2	24	158.0	-10.9	.4	6.9	-3.0
28TH	257.54	16.7	-1.5	2279	2261	7.3	-.7	2	23	141.6	-9.5	.3	5.6	-2.7
29TH	266.54	16.9	-1.5	2279	2261	7.4	-.7	2	23	124.9	-8.0	.2	4.4	-2.3
30TH	275.54	17.2	-1.5	2279	2261	7.5	-.7	2	22	108.0	-6.5	.2	3.4	-1.9
31ST	284.54	17.5	-1.5	2279	2261	7.7	-.7	2	22	90.8	-5.0	.1	2.5	-1.5
32ND	293.54	17.1	-1.3	2279	2261	7.5	-.6	2	21	73.3	-3.5	.1	1.7	-1.1
33RD	302.54	21.8	-1.2	2997	2973	7.3	-.4	1	19	56.2	-2.2	.1	1.1	-.7
ROOF	314.38	18.8	.1	3017	2994	6.2	.0	0	12	34.4	-1.0	.0	.6	-.3
MECH	328.50	5.8	-.3	1309	1302	4.4	-.2	0	5	15.6	-1.1	.0	.2	-.1
ELEV	337.17	2.6	-.2	659	651	3.9	-.3	0	3	9.8	-.9	.0	.1	-.1
TANK	345.83	7.2	-.7	1244	1226	5.8	-.6	1	7	7.2	-.7	.0	.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLGCR	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
GRND	0.00									565.1	-50.9	9.3	99.3	-15.3
1ST	12.58	13.9	-1.9	3187	3162	5.0	- .6	3	27	549.3	-49.0	9.7	92.3	-14.8
2ND	22.25	13.1	-1.0	2448	2429	5.4	- .4	2	28	536.1	-48.0	8.2	87.0	-14.5
3RD	31.38	13.0	- .6	2311	2293	5.6	- .3	1	28	523.1	-47.4	7.8	82.2	-14.1
4TH	41.54	14.8	- .8	2575	2555	5.7	- .3	2	29	508.3	-46.6	7.3	77.0	-13.7
5TH	50.54	14.4	-1.1	2279	2261	6.3	- .5	2	29	493.9	-45.5	6.9	72.4	-13.3
6TH	59.54	14.5	-1.1	2279	2261	6.4	- .5	2	29	479.4	-44.4	6.5	68.1	-12.8
7TH	68.54	14.5	-1.1	2279	2261	6.4	- .5	2	29	464.9	-43.3	6.1	63.8	-12.4
8TH	77.54	14.5	-1.1	2279	2261	6.4	- .5	2	29	450.4	-42.1	5.7	59.7	-12.0
9TH	86.54	14.5	-1.2	2279	2261	6.4	- .5	2	29	435.9	-41.0	5.4	55.7	-11.6
10TH	95.54	14.5	-1.2	2279	2261	6.4	- .5	2	29	421.3	-39.8	5.0	51.8	-11.2
11TH	104.54	14.6	-1.2	2279	2261	6.4	- .5	2	29	406.8	-38.6	4.6	48.1	-10.7
12TH	113.54	14.6	-1.2	2279	2261	6.4	- .5	2	29	392.2	-37.4	4.3	44.5	-10.3
13TH	122.54	14.7	-1.2	2279	2261	6.4	- .5	2	29	377.5	-36.2	4.0	41.1	-9.9
14TH	131.54	14.7	-1.2	2279	2261	6.4	- .5	2	29	362.8	-35.0	3.7	37.7	-9.5
15TH	140.54	14.7	-1.3	2279	2261	6.5	- .6	2	29	348.1	-33.7	3.3	34.5	-9.0
16TH	149.54	14.8	-1.3	2279	2261	6.5	- .6	2	29	333.3	-32.4	3.0	31.5	-8.6
17TH	158.54	15.0	-1.3	2279	2261	6.6	- .6	2	28	318.3	-31.1	2.8	28.5	-8.2
18TH	167.54	15.1	-1.3	2279	2261	6.6	- .6	3	28	303.2	-29.8	2.5	25.7	-7.7
19TH	176.54	15.3	-1.4	2279	2261	6.7	- .6	3	28	287.9	-28.4	2.2	23.1	-7.3
20TH	185.54	15.4	-1.4	2279	2261	6.8	- .6	3	28	272.5	-27.0	2.0	20.6	-6.9
21ST	194.54	15.6	-1.5	2279	2261	6.8	- .6	3	28	256.9	-25.5	1.7	18.2	-6.4
22ND	203.54	15.8	-1.5	2279	2261	6.9	- .7	3	27	241.1	-24.0	1.5	15.9	-6.0
23RD	212.54	16.0	-1.6	2279	2261	7.0	- .7	3	27	225.1	-22.4	1.3	13.8	-5.6
24TH	221.54	16.2	-1.7	2279	2261	7.1	- .8	3	27	208.9	-20.6	1.1	11.9	-5.1
		16.4	-1.8	2279	2261	7.2	- .8	3	27					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN										GUST FACTOR 1.32		
WIND DIRECTION 270		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									192.5	-18.9	.9	10.1	-4.7
26TH	239.54	16.6	-1.9	2279	2261	7.3	-.8	3	27	175.9	-17.0	.8	8.4	-4.2
27TH	248.54	16.8	-1.9	2279	2261	7.4	-.9	3	27	159.1	-15.1	.6	6.9	-3.7
28TH	257.54	17.0	-1.9	2279	2261	7.4	-.8	3	27	142.2	-13.2	.5	5.6	-3.3
29TH	266.54	17.1	-1.9	2279	2261	7.5	-.8	3	27	125.0	-11.3	.4	4.4	-2.8
30TH	275.54	17.3	-1.8	2279	2261	7.6	-.8	3	27	107.7	-9.5	.3	3.3	-2.4
31ST	284.54	17.5	-1.8	2279	2261	7.7	-.8	3	26	90.2	-7.7	.2	2.4	-1.9
32ND	293.54	17.7	-1.8	2279	2261	7.8	-.8	3	26	72.5	-5.9	.2	1.7	-1.4
33RD	302.54	17.2	-1.5	2279	2261	7.6	-.7	2	26	55.3	-4.4	.1	1.1	-1.0
ROOF	314.38	21.8	-1.7	2997	2973	7.3	-.6	2	25	33.5	-2.7	.1	.6	-.4
MECH	328.50	18.4	-.5	3017	2994	6.1	-.2	0	16	15.0	-2.3	.0	.2	-.1
ELEV	337.17	5.6	-.6	1309	1302	4.2	-.5	1	9	9.5	-1.6	.0	.1	-.1
TANK	345.83	2.5	-.4	659	651	3.8	-.7	1	7	7.0	-1.2	.0	.1	-.1
TOP	363.68	7.0	-1.2	1244	1226	5.6	-1.0	2	9	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 280

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
GRND	0.00	15.4	-1.4	3187	3162	4.8	-4	3	29	568.7	-53.6	10.9	99.9	-18.1
1ST	12.58	12.7	-7	2448	2429	5.2	-3	2	31	553.4	-52.2	10.2	92.8	-17.7
2ND	22.25	12.6	-4	2311	2293	5.4	-2	1	32	540.7	-51.5	9.7	87.5	-17.3
3RD	31.38	14.3	-3	2575	2555	5.6	-1	1	32	528.1	-51.1	9.3	82.7	-16.9
4TH	41.54	14.5	-8	2279	2261	6.4	-3	2	31	513.8	-50.8	8.8	77.4	-16.4
5TH	50.54	14.6	-8	2279	2261	6.4	-4	2	31	499.3	-50.1	8.3	72.8	-16.0
6TH	59.54	14.7	-9	2279	2261	6.4	-4	2	32	484.7	-49.2	7.9	68.4	-15.5
7TH	68.54	14.7	-1.0	2279	2261	6.5	-4	2	32	470.0	-48.3	7.4	64.1	-15.0
8TH	77.54	14.8	-1.0	2279	2261	6.5	-4	2	32	455.3	-47.4	7.0	59.9	-14.6
9TH	86.54	14.9	-1.1	2279	2261	6.5	-5	2	32	440.5	-46.4	6.6	55.9	-14.1
10TH	95.54	14.9	-1.1	2279	2261	6.5	-5	2	32	425.6	-45.3	6.2	52.0	-13.6
11TH	104.54	15.0	-1.1	2279	2261	6.6	-5	2	33	410.7	-44.2	5.8	48.2	-13.1
12TH	113.54	15.0	-1.1	2279	2261	6.6	-5	2	33	395.7	-43.1	5.4	44.6	-12.6
13TH	122.54	15.1	-1.1	2279	2261	6.6	-5	2	33	380.7	-41.9	5.0	41.1	-12.1
14TH	131.54	15.1	-1.2	2279	2261	6.6	-5	3	33	365.6	-40.8	4.6	37.8	-11.6
15TH	140.54	15.2	-1.2	2279	2261	6.7	-5	3	33	350.5	-39.7	4.2	34.5	-11.1
16TH	149.54	15.4	-1.2	2279	2261	6.7	-6	3	33	335.3	-38.5	3.9	31.4	-10.6
17TH	158.54	15.6	-1.3	2279	2261	6.8	-6	3	33	320.0	-37.2	3.5	28.5	-10.1
18TH	167.54	15.7	-1.4	2279	2261	6.9	-6	3	33	304.4	-35.9	3.2	25.7	-9.6
19TH	176.54	15.9	-1.5	2279	2261	7.0	-7	3	33	288.7	-34.5	2.9	23.0	-9.1
20TH	185.54	16.1	-1.5	2279	2261	7.1	-7	3	33	272.7	-33.0	2.6	20.5	-8.5
21ST	194.54	16.2	-1.6	2279	2261	7.1	-7	3	33	256.6	-31.5	2.3	18.1	-8.0
22ND	203.54	16.3	-1.7	2279	2261	7.2	-8	4	33	240.4	-29.9	2.0	15.9	-7.4
23RD	212.54	16.4	-1.8	2279	2261	7.2	-8	4	33	224.1	-28.1	1.8	13.8	-6.9
24TH	221.54	16.5	-1.9	2279	2261	7.2	-9	4	33	207.7	-26.3	1.5	11.8	-6.3

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
25TH	230.54									191.2	-24.3	1.3	10.0	-5.8
26TH	239.54	16.6	-2.0	2279	2261	7.3	-.9	4	33	174.7	-22.3	1.1	8.4	-5.2
27TH	248.54	16.7	-2.1	2279	2261	7.3	-.9	4	33	158.0	-20.1	.9	6.9	-4.7
28TH	257.54	16.8	-2.2	2279	2261	7.4	-1.0	4	33	141.2	-18.0	.7	5.6	-4.1
29TH	266.54	17.0	-2.2	2279	2261	7.5	-1.0	4	33	124.2	-15.8	.6	4.4	-3.6
30TH	275.54	17.2	-2.3	2279	2261	7.5	-1.0	4	33	107.0	-13.5	.4	3.3	-3.0
31ST	284.54	17.3	-2.3	2279	2261	7.6	-1.0	4	33	89.7	-11.2	.3	2.4	-2.4
32ND	293.54	17.5	-2.3	2279	2261	7.7	-1.0	4	33	72.2	-8.9	.2	1.7	-1.8
33RD	302.54	17.0	-2.1	2279	2261	7.4	-.9	4	32	55.3	-6.8	.2	1.1	-1.3
ROOF	314.38	21.3	-2.3	2997	2973	7.1	-.8	3	32	33.9	-4.5	.1	.6	-.6
MECH	328.50	17.9	-1.3	3017	2994	5.9	-.4	2	21	16.0	-3.2	.1	.3	-.2
ELEV	337.17	5.7	-1.1	1309	1302	4.4	-.8	3	14	10.3	-2.1	.0	.1	-.1
TANK	345.83	2.8	-.6	659	651	4.2	-.9	2	12	7.5	-1.5	.0	.1	-.1
TOP	363.08	7.5	-1.5	1244	1226	6.1	-1.2	2	12	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	17.4	-0.7	3187	3162	5.5	-0.2	1	28	628.8	-51.2	11.2	109.5	-22.1
1ST	12.58	14.2	-0.2	2448	2429	5.8	-0.1	0	30	611.4	-50.5	10.6	101.7	-21.6
2ND	22.25	14.1	.1	2311	2293	6.1	.0	-0	30	597.1	-50.3	10.1	95.8	-21.2
3RD	31.38	16.2	.2	2575	2555	6.3	.1	-0	30	583.0	-50.3	9.6	90.4	-20.8
4TH	41.54	16.2	-0.5	2279	2261	7.1	-0.2	1	31	566.8	-50.5	9.1	84.6	-20.3
5TH	50.54	16.4	-0.6	2279	2261	7.2	-0.3	1	31	550.6	-50.0	8.6	79.6	-19.8
6TH	59.54	16.4	-0.7	2279	2261	7.2	-0.3	1	32	534.3	-49.4	8.2	74.7	-19.3
7TH	68.54	16.5	-0.7	2279	2261	7.3	-0.3	1	32	517.8	-48.7	7.8	69.9	-18.7
8TH	77.54	16.6	-0.8	2279	2261	7.3	-0.3	2	33	501.3	-48.0	7.3	65.4	-18.2
9TH	86.54	16.7	-0.8	2279	2261	7.3	-0.4	2	33	484.6	-47.3	6.9	60.9	-17.7
10TH	95.54	16.8	-0.9	2279	2261	7.4	-0.4	2	34	467.9	-46.4	6.5	56.6	-17.1
11TH	104.54	16.9	-0.9	2279	2261	7.4	-0.4	2	34	451.1	-45.5	6.1	52.5	-16.5
12TH	113.54	16.9	-1.0	2279	2261	7.4	-0.4	2	35	434.3	-44.6	5.6	48.5	-16.0
13TH	122.54	17.0	-1.1	2279	2261	7.5	-0.5	2	35	417.3	-43.6	5.2	44.7	-15.4
14TH	131.54	17.0	-1.1	2279	2261	7.5	-0.5	2	36	400.3	-42.5	4.9	41.0	-14.8
15TH	140.54	17.1	-1.2	2279	2261	7.5	-0.5	3	36	383.3	-41.4	4.5	37.5	-14.2
16TH	149.54	17.2	-1.3	2279	2261	7.5	-0.6	3	37	366.2	-40.2	4.1	34.1	-13.6
17TH	158.54	17.3	-1.4	2279	2261	7.6	-0.6	3	37	349.0	-38.9	3.8	30.9	-12.9
18TH	167.54	17.4	-1.5	2279	2261	7.6	-0.7	3	38	331.7	-37.5	3.4	27.8	-12.3
19TH	176.54	17.5	-1.6	2279	2261	7.7	-0.7	3	38	314.3	-36.1	3.1	24.9	-11.6
20TH	185.54	17.6	-1.7	2279	2261	7.7	-0.7	4	39	296.8	-34.5	2.8	22.2	-10.9
21ST	194.54	17.7	-1.8	2279	2261	7.8	-0.8	4	39	279.2	-32.8	2.5	19.6	-10.3
22ND	203.54	17.9	-1.8	2279	2261	7.9	-0.8	4	38	261.5	-31.0	2.2	17.1	-9.6
23RD	212.54	18.1	-1.9	2279	2261	7.9	-0.8	4	38	243.6	-29.2	1.9	14.9	-8.9
24TH	221.54	18.3	-2.0	2279	2261	8.0	-0.9	4	38	225.5	-27.3	1.7	12.7	-8.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 290

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54	18.4	-2.0	2279	2261	8.1	-.9	4	37	267.3	-25.4	1.4	10.8	-7.5
26TH	239.54	18.6	-2.1	2279	2261	8.1	-.9	4	37	188.9	-23.3	1.2	9.0	-6.8
27TH	248.54	18.6	-2.1	2279	2261	8.2	-.9	4	38	170.3	-21.2	1.0	7.4	-6.1
28TH	257.54	18.6	-2.2	2279	2261	8.2	-1.0	5	38	151.7	-19.1	.8	6.0	-5.4
29TH	266.54	18.7	-2.2	2279	2261	8.2	-1.0	5	39	133.1	-16.9	.7	4.7	-4.6
30TH	275.54	18.7	-2.3	2279	2261	8.2	-1.0	5	39	114.4	-14.7	.5	3.6	-3.9
31ST	284.54	18.7	-2.3	2279	2261	8.2	-1.0	5	40	95.7	-12.4	.4	2.6	-3.2
32ND	293.54	18.2	-2.1	2279	2261	8.0	-.9	5	40	77.0	-10.0	.3	1.8	-2.4
33RD	302.54	22.9	-2.4	2997	2973	7.6	-.8	4	39	58.8	-7.9	.2	1.2	-1.7
ROOF	314.38	18.5	-1.7	3017	2994	6.1	-.6	2	26	35.9	-5.6	.1	.7	-.8
MECH	328.50	5.8	-1.5	1309	1302	4.5	-1.1	4	17	17.4	-3.9	.1	.3	-.3
ELEV	337.17	3.1	-.7	659	651	4.7	-1.1	3	16	11.6	-2.4	.0	.2	-.2
TANK	345.83	8.5	-1.7	1244	1226	6.9	-1.4	3	15	8.5	-1.7	.0	.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	15.2	.2	3187	3162	4.8	.0	-0	24	542.6	-41.0	10.1	94.7	-19.2
1ST	12.58	12.5	.4	2448	2429	5.1	.2	-1	25	527.5	-41.1	9.6	88.0	-18.8
2ND	22.25	12.4	.6	2311	2293	5.4	.2	-1	24	515.0	-41.5	9.2	83.0	-18.5
3RD	31.38	14.4	.7	2575	2555	5.6	.3	-1	23	502.6	-42.1	8.8	78.3	-18.2
4TH	41.54	14.3	-.1	2279	2261	6.3	-.0	0	24	488.2	-42.8	8.3	73.3	-17.8
5TH	50.54	14.3	-.2	2279	2261	6.3	-.1	0	25	473.9	-42.7	8.0	69.0	-17.5
6TH	59.54	14.3	-.2	2279	2261	6.3	-.1	0	26	459.6	-42.5	7.6	64.8	-17.1
7TH	68.54	14.3	-.3	2279	2261	6.3	-.1	1	27	445.3	-42.3	7.2	60.7	-16.8
8TH	77.54	14.3	-.4	2279	2261	6.3	-.2	1	28	431.0	-42.0	6.8	56.8	-16.4
9TH	86.54	14.3	-.4	2279	2261	6.3	-.2	1	29	416.6	-41.6	6.4	52.9	-16.0
10TH	95.54	14.4	-.5	2279	2261	6.3	-.2	1	30	402.3	-41.1	6.1	49.3	-15.6
11TH	104.54	14.4	-.6	2279	2261	6.3	-.3	1	31	387.9	-40.6	5.7	45.7	-15.1
12TH	113.54	14.4	-.7	2279	2261	6.3	-.3	2	32	373.6	-40.0	5.3	42.3	-14.7
13TH	122.54	14.4	-.8	2279	2261	6.3	-.4	2	34	359.2	-39.3	5.0	39.0	-14.2
14TH	131.54	14.4	-.9	2279	2261	6.3	-.4	2	35	344.8	-38.4	4.6	35.8	-13.7
15TH	140.54	14.4	-1.0	2279	2261	6.3	-.5	3	36	330.5	-37.5	4.3	32.8	-13.2
16TH	149.54	14.5	-1.1	2279	2261	6.4	-.5	3	36	316.1	-36.5	4.0	29.9	-12.7
17TH	158.54	14.6	-1.1	2279	2261	6.4	-.5	3	37	301.6	-35.4	3.6	27.1	-12.2
18TH	167.54	14.7	-1.2	2279	2261	6.4	-.5	3	38	287.0	-34.3	3.3	24.4	-11.6
19TH	176.54	14.8	-1.2	2279	2261	6.5	-.5	3	38	272.3	-33.1	3.0	21.9	-11.1
20TH	185.54	14.9	-1.3	2279	2261	6.5	-.6	3	39	257.5	-31.8	2.7	19.5	-10.5
21ST	194.54	15.0	-1.4	2279	2261	6.6	-.6	4	39	242.6	-30.5	2.4	17.3	-9.9
22ND	203.54	15.2	-1.5	2279	2261	6.7	-.6	4	40	227.6	-29.1	2.2	15.2	-9.3
23RD	212.54	15.3	-1.6	2279	2261	6.7	-.7	4	41	212.4	-27.7	1.9	13.2	-8.7
24TH	221.54	15.4	-1.7	2279	2261	6.8	-.7	4	42	197.1	-26.1	1.7	11.3	-8.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 300

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A REFERENCE PRESSURE 38.0 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
25TH	230.54	15.6	-1.7	2279	2261	6.8	-.8	5	42	181.7	-24.5	1.5	9.6	-7.5
26TH	239.54	15.7	-1.8	2279	2261	6.9	-.8	5	43	166.1	-22.7	1.2	8.1	-6.8
27TH	248.54	15.8	-1.9	2279	2261	6.9	-.8	5	43	150.4	-20.9	1.0	6.6	-6.1
28TH	257.54	16.0	-1.9	2279	2261	7.0	-.9	5	44	134.6	-19.0	.9	5.4	-5.4
29TH	266.54	16.1	-2.0	2279	2261	7.1	-.9	5	44	118.6	-17.1	.7	4.2	-4.7
30TH	275.54	16.2	-2.0	2279	2261	7.1	-.9	6	44	102.5	-15.1	.6	3.2	-4.0
31ST	284.54	16.4	-2.1	2279	2261	7.2	-.9	6	45	86.3	-13.1	.4	2.4	-3.3
32ND	293.54	16.2	-2.0	2279	2261	7.1	-.9	5	45	69.9	-11.0	.3	1.7	-2.5
33RD	302.54	20.8	-2.4	2997	2973	7.0	-.8	5	45	53.7	-9.0	.2	1.1	-1.8
ROOF	314.38	17.0	-2.2	3017	2994	5.6	-.7	4	29	32.9	-6.6	.1	.6	-.8
MECH	328.50	5.5	-1.8	1309	1302	4.2	-1.4	7	20	15.9	-4.4	.1	.3	-.3
ELEV	337.17	3.0	-.8	659	651	4.5	-1.2	5	19	10.5	-2.6	.0	.1	-.2
TANK	345.83	7.5	-1.8	1244	1226	6.0	-1.4	4	18	7.5	-1.8	.0	.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 310

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00									383.2	-27.0	6.7	66.2	-14.7
1ST	12.58	10.7	.1	3187	3162	3.4	.0	-0	24	372.5	-27.1	6.4	61.4	-14.4
2ND	22.25	9.0	.3	2448	2429	3.7	.1	-1	25	363.5	-27.4	6.1	57.9	-14.2
3RD	31.38	9.1	.4	2311	2293	3.9	.2	-1	25	354.4	-27.8	5.9	54.6	-14.0
4TH	41.54	10.5	.4	2575	2555	4.1	.2	-1	25	343.9	-28.3	5.6	51.0	-13.7
5TH	50.54	10.5	-.2	2279	2261	4.6	-.1	0	27	333.4	-28.1	5.3	48.0	-13.4
6TH	59.54	10.5	-.2	2279	2261	4.6	-.1	1	28	322.9	-27.9	5.1	45.0	-13.1
7TH	68.54	10.5	-.2	2279	2261	4.6	-.1	1	29	312.4	-27.6	4.8	42.2	-12.8
8TH	77.54	10.5	-.3	2279	2261	4.6	-.1	1	30	301.8	-27.4	4.6	39.4	-12.5
9TH	86.54	10.5	-.3	2279	2261	4.6	-.1	1	32	291.4	-27.0	4.3	36.8	-12.2
10TH	95.54	10.5	-.3	2279	2261	4.6	-.1	1	33	280.9	-26.7	4.1	34.2	-11.8
11TH	104.54	10.4	-.4	2279	2261	4.6	-.2	1	34	270.5	-26.3	3.8	31.7	-11.5
12TH	113.54	10.3	-.4	2279	2261	4.5	-.2	1	35	260.1	-25.9	3.6	29.3	-11.1
13TH	122.54	10.3	-.4	2279	2261	4.5	-.2	2	37	249.9	-25.5	3.4	27.0	-10.7
14TH	131.54	10.2	-.5	2279	2261	4.5	-.2	2	38	239.7	-25.0	3.2	24.8	-10.3
15TH	140.54	10.1	-.5	2279	2261	4.4	-.2	2	40	229.6	-24.5	2.9	22.7	-9.9
16TH	149.54	10.0	-.5	2279	2261	4.4	-.2	2	41	219.6	-24.0	2.7	20.7	-9.5
17TH	158.54	10.1	-.6	2279	2261	4.4	-.3	2	41	209.4	-23.4	2.5	18.7	-9.1
18TH	167.54	10.2	-.6	2279	2261	4.5	-.3	3	42	199.3	-22.8	2.3	16.9	-8.7
19TH	176.54	10.3	-.7	2279	2261	4.5	-.3	3	43	189.0	-22.1	2.1	15.2	-8.2
20TH	185.54	10.4	-.7	2279	2261	4.5	-.3	3	43	178.6	-21.4	1.9	13.5	-7.8
21ST	194.54	10.4	-.8	2279	2261	4.6	-.3	3	44	168.2	-20.6	1.7	11.9	-7.3
22ND	203.54	10.5	-.8	2279	2261	4.6	-.4	3	44	157.7	-19.8	1.5	10.5	-6.9
23RD	212.54	10.6	-.9	2279	2261	4.7	-.4	4	44	147.0	-18.9	1.3	9.1	-6.4
24TH	221.54	10.7	-1.0	2279	2261	4.7	-.4	4	45	136.3	-17.9	1.2	7.8	-5.9
		10.8	-1.0	2279	2261	4.8	-.5	4	45					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN						GUST FACTOR 1.32				
WIND DIRECTION 310		CONFIGURATION A				REFERENCE PRESSURE 38.0 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
25TH	230.54									125.5	-16.9	1.0	6.7	-5.4
26TH	239.54	10.9	-1.1	2279	2261	4.8	-.5	5	46	114.5	-15.8	.9	5.6	-4.9
27TH	248.54	11.0	-1.2	2279	2261	4.8	-.5	5	46	103.5	-14.6	.7	4.6	-4.4
28TH	257.54	11.0	-1.2	2279	2261	4.8	-.5	5	46	92.5	-13.4	.6	3.7	-3.9
29TH	266.54	11.0	-1.3	2279	2261	4.8	-.6	5	46	81.5	-12.1	.5	2.9	-3.4
30TH	275.54	11.0	-1.3	2279	2261	4.8	-.6	6	46	70.4	-10.7	.4	2.2	-2.8
31ST	284.54	11.1	-1.4	2279	2261	4.9	-.6	6	46	59.4	-9.3	.3	1.7	-2.3
32ND	293.54	11.1	-1.5	2279	2261	4.9	-.6	6	47	48.3	-7.9	.2	1.2	-1.8
33RD	302.54	10.9	-1.4	2279	2261	4.8	-.6	6	46	37.4	-6.4	.2	.8	-1.3
ROOF	314.38	14.1	-1.8	2997	2973	4.7	-.6	6	46	23.3	-4.6	.1	.4	-.6
MECH	328.50	11.8	-1.5	3017	2994	3.9	-.5	4	31	11.5	-3.1	.0	.2	-.2
ELEV	337.17	3.9	-1.3	1309	1302	3.0	-1.0	7	22	7.6	-1.8	.0	.1	-.1
TANK	345.83	2.1	-.5	659	651	3.2	-.8	5	20	5.5	-1.3	.0	.0	-.1
TOP	363.08	5.5	-1.3	1244	1226	4.4	-1.0	4	18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
GRND	0.00	8.6	-.3	3187	3162	2.7	-.1	1	31	305.2	-36.4	8.6	52.5	-12.6
1ST	12.58	7.1	-.0	2448	2429	2.9	-.0	0	34	296.7	-36.1	8.1	48.7	-12.4
2ND	22.25	7.0	.1	2311	2293	3.0	.0	-1	35	289.6	-36.1	7.8	45.9	-12.1
3RD	31.38	8.1	.1	2575	2555	3.1	.0	-0	34	282.6	-36.2	7.5	43.3	-11.9
4TH	41.54	8.3	-.4	2279	2261	3.6	-.2	2	34	274.5	-36.3	7.1	40.4	-11.6
5TH	50.54	8.3	-.4	2279	2261	3.6	-.2	2	35	266.2	-35.9	6.8	38.0	-11.3
6TH	59.54	8.3	-.4	2279	2261	3.6	-.2	2	36	257.9	-35.4	6.4	35.7	-11.0
7TH	68.54	8.3	-.4	2279	2261	3.6	-.2	2	37	249.6	-35.0	6.1	33.4	-10.7
8TH	77.54	8.3	-.5	2279	2261	3.6	-.2	2	37	241.3	-34.5	5.8	31.2	-10.4
9TH	86.54	8.3	-.5	2279	2261	3.7	-.2	2	38	232.9	-34.1	5.5	29.0	-10.1
10TH	95.54	8.3	-.5	2279	2261	3.7	-.2	2	39	224.6	-33.6	5.2	27.0	-9.8
11TH	104.54	8.3	-.5	2279	2261	3.7	-.2	2	40	216.3	-33.1	4.9	25.0	-9.5
12TH	113.54	8.3	-.5	2279	2261	3.7	-.2	3	41	208.0	-32.5	4.6	23.1	-9.1
13TH	122.54	8.3	-.6	2279	2261	3.6	-.2	3	42	199.6	-32.0	4.3	21.2	-8.8
14TH	131.54	8.3	-.6	2279	2261	3.6	-.3	3	43	191.4	-31.4	4.0	19.5	-8.4
15TH	140.54	8.3	-.6	2279	2261	3.6	-.3	3	44	183.1	-30.8	3.8	17.8	-8.1
16TH	149.54	8.4	-.7	2279	2261	3.6	-.3	3	44	174.8	-30.1	3.5	16.2	-7.7
17TH	158.54	8.4	-.7	2279	2261	3.7	-.3	4	45	166.4	-29.4	3.2	14.6	-7.3
18TH	167.54	8.4	-.7	2279	2261	3.7	-.3	4	45	158.0	-28.7	3.0	13.2	-6.9
19TH	176.54	8.5	-.8	2279	2261	3.7	-.4	4	45	149.5	-27.9	2.7	11.8	-6.5
20TH	185.54	8.6	-.9	2279	2261	3.8	-.4	4	45	140.9	-27.0	2.5	10.5	-6.2
21ST	194.54	8.7	-.9	2279	2261	3.8	-.4	5	45	132.3	-26.1	2.2	9.3	-5.8
22ND	203.54	8.7	-1.0	2279	2261	3.8	-.4	5	45	123.6	-25.1	2.0	8.1	-5.4
23RD	212.54	8.7	-1.1	2279	2261	3.8	-.5	5	45	114.9	-24.1	1.8	7.0	-5.0
24TH	221.54	8.7	-1.2	2279	2261	3.8	-.5	6	44	106.1	-22.9	1.5	6.0	-4.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 320

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54									97.3	-21.7	1.3	5.1	-4.2
26TH	239.54	8.8	-1.3	2279	2261	3.9	-.6	7	44	88.5	-20.3	1.2	4.3	-3.8
27TH	248.54	8.8	-1.4	2279	2261	3.9	-.6	7	44	79.8	-18.9	1.0	3.5	-3.4
28TH	257.54	8.7	-1.5	2279	2261	3.8	-.7	8	44	71.0	-17.4	.8	2.9	-3.0
29TH	266.54	8.6	-1.6	2279	2261	3.8	-.7	8	44	62.4	-15.8	.7	2.3	-2.6
30TH	275.54	8.6	-1.7	2279	2261	3.8	-.7	9	45	53.9	-14.1	.5	1.7	-2.2
31ST	284.54	8.5	-1.8	2279	2261	3.7	-.8	9	45	45.4	-12.4	.4	1.3	-1.8
32ND	293.54	8.4	-1.8	2279	2261	3.7	-.8	10	45	37.0	-10.5	.3	.9	-1.4
33RD	302.54	8.2	-1.9	2279	2261	3.6	-.8	10	45	28.8	-8.7	.2	.6	-1.0
ROOF	314.38	10.4	-2.5	2997	2973	3.5	-.8	11	46	18.4	-6.2	.1	.3	-.5
MECH	328.50	9.0	-1.9	3017	2994	3.0	-.6	7	32	9.4	-4.3	.1	.1	-.2
ELEV	337.17	3.4	-1.8	1309	1302	2.6	-1.4	11	21	6.1	-2.6	.0	.1	-.1
TANK	345.83	1.8	-.9	659	651	2.7	-1.4	9	18	4.3	-1.7	.0	.0	-.1
TOP	363.08	4.3	-1.7	1244	1226	3.4	-1.4	6	16	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00									207.3	-37.3	8.6	36.2	-9.0
1ST	12.58	5.1	-4	3187	3162	1.6	-1	2	32	202.3	-36.9	8.1	33.6	-8.8
2ND	22.25	4.2	-1	2448	2429	1.7	-0	1	35	198.0	-36.8	7.8	31.7	-8.7
3RD	31.38	4.3	-0	2311	2293	1.8	-0	0	37	193.7	-36.8	7.4	29.9	-8.5
4TH	41.54	5.0	-1	2575	2555	1.9	-0	1	37	189.8	-36.7	7.1	27.9	-8.3
5TH	50.54	5.4	-5	2279	2261	2.4	-2	3	39	183.3	-36.2	6.7	26.2	-8.1
6TH	59.54	5.5	-5	2279	2261	2.4	-2	4	40	177.8	-35.7	6.4	24.6	-7.9
7TH	68.54	5.5	-5	2279	2261	2.4	-2	4	42	172.3	-35.2	6.1	23.0	-7.7
8TH	77.54	5.6	-5	2279	2261	2.4	-2	4	43	166.8	-34.7	5.8	21.5	-7.4
9TH	86.54	5.6	-5	2279	2261	2.5	-2	4	44	161.2	-34.2	5.5	20.0	-7.2
10TH	95.54	5.6	-5	2279	2261	2.5	-2	4	46	155.6	-33.8	5.2	18.6	-6.9
11TH	104.54	5.7	-5	2279	2261	2.5	-2	4	47	149.9	-33.2	4.9	17.2	-6.7
12TH	113.54	5.7	-6	2279	2261	2.5	-2	5	47	144.2	-32.7	4.6	15.9	-6.4
13TH	122.54	5.7	-6	2279	2261	2.5	-3	5	47	138.5	-32.1	4.3	14.6	-6.1
14TH	131.54	5.8	-6	2279	2261	2.5	-3	5	47	132.7	-31.5	4.0	13.4	-5.8
15TH	140.54	5.8	-7	2279	2261	2.6	-3	6	47	126.8	-30.8	3.7	12.3	-5.6
16TH	149.54	5.9	-7	2279	2261	2.6	-3	6	48	121.0	-30.1	3.4	11.1	-5.3
17TH	158.54	5.9	-8	2279	2261	2.6	-3	6	47	115.0	-29.3	3.2	10.1	-5.0
18TH	167.54	6.0	-8	2279	2261	2.6	-4	6	47	109.0	-28.5	2.9	9.1	-4.7
19TH	176.54	6.1	-9	2279	2261	2.7	-4	7	46	103.0	-27.6	2.7	8.1	-4.4
20TH	185.54	6.1	-9	2279	2261	2.7	-4	7	46	96.9	-26.6	2.4	7.2	-4.1
21ST	194.54	6.2	-1.0	2279	2261	2.7	-4	7	45	90.7	-25.6	2.2	6.4	-3.9
22ND	203.54	6.1	-1.0	2279	2261	2.7	-5	8	45	84.5	-24.6	2.0	5.6	-3.6
23RD	212.54	6.1	-1.1	2279	2261	2.7	-5	8	44	78.4	-23.5	1.7	4.9	-3.3
24TH	221.54	6.0	-1.1	2279	2261	2.6	-5	8	44	72.4	-22.4	1.5	4.2	-3.0
		6.0	-1.2	2279	2261	2.6	-5	9	43					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 330

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54	5.9	-1.2	2279	2261	2.6	-.6	9	43	66.4	-21.2	1.3	3.6	-2.8
26TH	239.54	5.9	-1.3	2279	2261	2.6	-.6	9	42	60.5	-19.9	1.2	3.0	-2.5
27TH	248.54	5.8	-1.4	2279	2261	2.5	-.6	10	42	54.7	-18.6	1.0	2.5	-2.2
28TH	257.54	5.7	-1.5	2279	2261	2.5	-.7	11	42	48.9	-17.2	.8	2.0	-2.0
29TH	266.54	5.7	-1.6	2279	2261	2.5	-.7	12	42	43.2	-15.7	.7	1.6	-1.7
30TH	275.54	5.6	-1.7	2279	2261	2.5	-.8	13	42	37.5	-14.0	.5	1.2	-1.5
31ST	284.54	5.5	-1.9	2279	2261	2.4	-.8	14	42	31.9	-12.3	.4	.9	-1.2
32ND	293.54	5.6	-1.8	2279	2261	2.5	-.8	13	41	26.4	-10.4	.3	.6	-.9
33RD	302.54	7.6	-2.4	2997	2973	2.6	-.8	12	40	20.7	-8.6	.2	.4	-.7
ROOF	314.38	6.8	-1.8	3017	2994	2.3	-.6	7	28	13.1	-6.2	.1	.2	-.3
MECH	328.50	2.4	-1.6	1309	1302	1.9	-1.3	12	18	6.3	-4.4	.1	.1	-.1
ELEV	337.17	1.3	-.9	659	651	2.0	-1.4	10	14	3.8	-2.8	.0	.0	-.1
TANK	345.83	2.5	-1.9	1244	1226	2.0	-1.5	9	12	2.5	-1.9	.0	.0	-.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

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
GRND	0.00	2.7	-1.2	3187	3162	.9	-.4	9	19	100.2	-38.3	8.0	16.6	-4.3
1ST	12.58	2.2	-.8	2448	2429	.9	-.3	9	24	97.5	-37.1	7.5	15.4	-4.2
2ND	22.25	2.1	-.7	2311	2293	.9	-.3	10	28	95.3	-36.3	7.2	14.4	-4.2
3RD	31.38	2.4	-.7	2575	2555	.9	-.3	8	31	93.1	-35.6	6.8	13.6	-4.1
4TH	41.54	2.6	-.6	2279	2261	1.2	-.3	8	38	90.7	-34.9	6.5	12.6	-4.0
5TH	50.54	2.7	-.6	2279	2261	1.2	-.3	9	40	88.1	-34.3	6.2	11.8	-3.9
6TH	59.54	2.7	-.6	2279	2261	1.2	-.3	9	42	85.4	-33.7	5.9	11.0	-3.8
7TH	68.54	2.8	-.6	2279	2261	1.2	-.3	10	44	82.7	-33.1	5.6	10.3	-3.7
8TH	77.54	2.8	-.6	2279	2261	1.2	-.3	10	46	79.9	-32.5	5.3	9.6	-3.6
9TH	86.54	2.8	-.6	2279	2261	1.2	-.3	11	47	77.1	-31.8	5.0	8.9	-3.4
10TH	95.54	2.9	-.7	2279	2261	1.3	-.3	11	48	74.3	-31.2	4.7	8.2	-3.3
11TH	104.54	3.0	-.7	2279	2261	1.3	-.3	11	49	71.4	-30.5	4.4	7.5	-3.2
12TH	113.54	3.0	-.7	2279	2261	1.3	-.3	11	49	68.4	-29.9	4.1	6.9	-3.0
13TH	122.54	3.1	-.7	2279	2261	1.4	-.3	11	49	65.4	-29.2	3.9	6.3	-2.8
14TH	131.54	3.2	-.7	2279	2261	1.4	-.3	11	49	62.3	-28.5	3.6	5.7	-2.7
15TH	140.54	3.3	-.7	2279	2261	1.4	-.3	11	50	59.1	-27.7	3.4	5.2	-2.5
16TH	149.54	3.3	-.8	2279	2261	1.4	-.3	11	48	55.9	-27.0	3.1	4.6	-2.3
17TH	158.54	3.3	-.8	2279	2261	1.4	-.4	11	46	52.6	-26.2	2.9	4.2	-2.2
18TH	167.54	3.3	-.8	2279	2261	1.4	-.4	11	44	49.3	-25.4	2.7	3.7	-2.0
19TH	176.54	3.3	-.8	2279	2261	1.4	-.4	11	43	46.1	-24.6	2.4	3.3	-1.9
20TH	185.54	3.3	-.9	2279	2261	1.4	-.4	11	41	42.8	-23.8	2.2	2.9	-1.7
21ST	194.54	3.2	-.9	2279	2261	1.4	-.4	11	40	39.5	-22.9	2.0	2.5	-1.6
22ND	203.54	3.1	-1.0	2279	2261	1.4	-.4	12	38	36.3	-22.0	1.8	2.2	-1.4
23RD	212.54	3.0	-1.0	2279	2261	1.3	-.4	13	37	33.2	-21.0	1.6	1.8	-1.3
24TH	221.54	2.9	-1.1	2279	2261	1.3	-.5	13	36	30.2	-20.0	1.4	1.6	-1.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 340

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
CONFIGURATION A
REFERENCE PRESSURE 38.0 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
25TH	230.54									27.3	-18.9	1.2	1.3	-1.1
26TH	239.54	2.8	-1.1	2279	2261	1.2	-.5	14	34	24.5	-17.8	1.1	1.1	-1.0
27TH	248.54	2.7	-1.2	2279	2261	1.2	-.5	14	33	21.8	-16.7	.9	.9	-.9
28TH	257.54	2.7	-1.2	2279	2261	1.2	-.5	15	33	19.2	-15.4	.8	.7	-.7
29TH	266.54	2.6	-1.3	2279	2261	1.1	-.6	16	33	16.6	-14.1	.6	.5	-.6
30TH	275.54	2.6	-1.3	2279	2261	1.1	-.6	17	32	14.0	-12.8	.5	.4	-.5
31ST	284.54	2.5	-1.4	2279	2261	1.1	-.6	18	32	11.5	-11.4	.4	.3	-.4
32ND	293.54	2.5	-1.4	2279	2261	1.1	-.6	19	32	9.1	-10.0	.3	.2	-.3
33RD	302.54	2.4	-1.5	2279	2261	1.1	-.7	19	30	6.7	-8.5	.2	.1	-.2
ROOF	314.38	3.1	-2.1	2997	2973	1.0	-.7	18	27	3.6	-6.4	.1	.0	-.1
MECH	328.50	2.8	-1.9	3017	2994	.9	-.6	12	18	.8	-4.5	.1	.0	-.0
ELEV	337.17	.8	-1.6	1309	1302	.6	-1.2	14	7	.1	-3.0	.0	.0	-.0
TANK	345.83	.0	-1.0	659	651	.0	-1.5	4	0	.0	-2.0	.0	.0	-.0
TOP	363.08	.0	-2.0	1244	1226	.0	-1.6	1	0	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 38.0 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
GRND	0.00	.6	-.7	3187	3162	.2	-.2	-14	-12	20.7	-32.7	7.6	2.1	.0
1ST	12.58	.6	-.4	2448	2429	.2	-.2	-15	-21	20.1	-32.0	7.2	1.8	-.0
2ND	22.25	.6	-.3	2311	2293	.2	-.1	-17	-29	19.5	-31.6	6.9	1.6	-.0
3RD	31.38	.7	-.3	2575	2555	.3	-.1	-16	-35	19.0	-31.3	6.6	1.4	-.1
4TH	41.54	.6	-.3	2279	2261	.2	-.1	-6	-12	18.3	-31.0	6.3	1.2	-.1
5TH	50.54	.6	-.3	2279	2261	.3	-.1	-2	-4	17.7	-30.7	6.0	1.1	-.1
6TH	59.54	.7	-.3	2279	2261	.3	-.1	2	3	17.1	-30.4	5.7	.9	-.1
7TH	68.54	.7	-.4	2279	2261	.3	-.2	4	9	16.5	-30.1	5.5	.8	-.1
8TH	77.54	.8	-.4	2279	2261	.3	-.2	7	13	15.7	-29.7	5.2	.6	-.1
9TH	86.54	.8	-.4	2279	2261	.4	-.2	9	18	15.0	-29.3	4.9	.5	-.1
10TH	95.54	.9	-.4	2279	2261	.4	-.2	10	20	14.2	-28.9	4.7	.4	-.0
11TH	104.54	.9	-.5	2279	2261	.4	-.2	10	21	13.3	-28.5	4.4	.2	-.0
12TH	113.54	1.0	-.5	2279	2261	.4	-.2	10	21	12.4	-28.0	4.2	.1	-.0
13TH	122.54	1.0	-.5	2279	2261	.5	-.2	10	22	11.4	-27.5	3.9	.0	.0
14TH	131.54	1.1	-.5	2279	2261	.5	-.2	11	23	10.3	-27.1	3.7	-.1	.1
15TH	140.54	1.1	-.5	2279	2261	.5	-.2	11	23	9.3	-26.5	3.4	-.2	.1
16TH	149.54	1.2	-.6	2279	2261	.5	-.3	11	22	8.1	-26.0	3.2	-.3	.1
17TH	158.54	1.2	-.6	2279	2261	.5	-.3	11	21	7.0	-25.5	2.9	-.3	.1
18TH	167.54	1.2	-.7	2279	2261	.5	-.3	11	20	5.8	-24.8	2.7	-.4	.2
19TH	176.54	1.2	-.7	2279	2261	.5	-.3	11	19	4.6	-24.2	2.5	-.4	.2
20TH	185.54	1.2	-.7	2279	2261	.5	-.3	11	18	3.3	-23.5	2.3	-.5	.2
21ST	194.54	1.2	-.8	2279	2261	.5	-.4	10	15	2.1	-22.8	2.1	-.5	.3
22ND	203.54	1.1	-.8	2279	2261	.5	-.4	8	10	.9	-22.0	1.9	-.5	.3
23RD	212.54	1.0	-.9	2279	2261	.4	-.4	5	6	-.2	-21.1	1.7	-.5	.3
24TH	221.54	.9	-1.0	2279	2261	.4	-.4	2	2	-1.2	-20.2	1.5	-.5	.3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 350

CONFIGURATION A

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
REFERENCE PRESSURE 38.0 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
25TH	230.54									-2.1	-19.3	1.3	-.5	.3
26TH	239.54	.8	-1.0	2279	2261	.4	-.4	-2	-2	-3.0	-18.2	1.2	-.5	.3
27TH	248.54	.7	-1.1	2279	2261	.3	-.5	-6	-4	-3.7	-17.2	1.0	-.4	.3
28TH	257.54	.6	-1.1	2279	2261	.3	-.5	-9	-4	-4.3	-16.0	.8	-.4	.3
29TH	266.54	.4	-1.2	2279	2261	.2	-.5	-11	-4	-4.7	-14.8	.7	-.4	.3
29TH	266.54	.3	-1.3	2279	2261	.1	-.6	-13	-3	-4.9	-13.6	.6	-.3	.3
30TH	275.54	.1	-1.3	2279	2261	.0	-.6	-15	-1	-5.0	-12.2	.5	-.3	.2
31ST	284.54	-.1	-1.4	2279	2261	-.0	-.6	-16	1	-5.0	-10.8	.4	-.2	.2
32ND	293.54	-.2	-1.5	2279	2261	-.1	-.6	-24	4	-4.8	-9.3	.3	-.2	.2
33RD	302.54	-.6	-2.0	2997	2973	-.2	-.7	-33	9	-4.2	-7.3	.2	-.1	.1
ROOF	314.38	-.6	-2.3	3017	2994	-.2	-.8	-25	7	-3.5	-5.0	.1	-.1	.1
MECH	328.50	-.7	-1.6	1309	1302	-.5	-1.3	-7	3	-2.9	-3.4	.0	-.0	.0
ELEV	337.17	-.9	-1.1	659	651	-1.3	-1.7	-7	5	-2.0	-2.3	.0	-.0	.0
TANK	345.83	-2.0	-2.3	1244	1226	-1.6	-1.8	-7	6	0.0	0.0	0.0	0.0	0.0
TOP	363.08													

TABLE 7. MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG IN
 PROJECT 5620
 SCALE = 300
 GUST FACTOR = 1.32
 NUMBER OF SIDES = 4
 CONFIGURATION A
 REF PRESSURE = 38.0
 STANDARD FLOOR HEIGHT = 9.00
 NO OF FLOORS = 38

SIDE	ANGLE	Z-AXIS	FLOOR #	LABEL	HEIGHT-FT	WIND AZIMUTH	LOAD FACTOR
1	41.4	3.800	1	GRND	12.58	0	.39
2	131.4	3.349	2	1ST	9.67	10	.39
3	221.4	3.800	3	2ND	9.17	20	.40
4	311.4	3.349	4	3RD	10.17	30	.40
			5	4TH	9.00	40	.59
			6	5TH	9.00	50	.59
			7	6TH	9.00	60	.71
			8	7TH	9.00	70	.71
			9	8TH	9.00	80	.65
			10	9TH	9.00	90	.65
			11	10TH	9.00	100	.65
			12	11TH	9.00	110	.71
			13	12TH	9.00	120	.73
			14	13TH	9.00	130	.73
			15	14TH	9.00	140	.90
			16	15TH	9.00	150	.90
			17	16TH	9.00	160	.90
			18	17TH	9.00	170	.90
			19	18TH	9.00	180	.95
			20	19TH	9.00	190	.95
			21	20TH	9.00	200	.95
			22	21ST	9.00	210	.92
			23	22ND	9.00	220	.92
			24	23RD	9.00	230	.92
			25	24TH	9.00	240	.90
			26	25TH	9.00	250	.40
			27	26TH	9.00	260	.43
			28	27TH	9.00	270	.43
			29	28TH	9.00	280	.43
			30	29TH	9.00	290	.43
			31	30TH	9.00	300	.51
			32	31ST	9.00	310	.46
			33	32ND	9.00	320	.46
			34	33RD	11.82	330	.59
			35	34TH	14.13	340	.59
			36	35TH	18.67	350	.59
			37	36TH	18.67	360	.59
			38	37TH	17.17	370	.59

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLOC OUT
 CONFIGURATION B REFERENCE PRESSURE 38.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
10	-92.7	-11.3	2.8	-19.4	3.4	-4	37
20	-174.2	-15.8	4.3	-34.6	5.1	-3	29
30	-242.6	-29.9	7.6	-45.0	5.6	-3	23
40	-417.4	-36.7	9.6	-75.3	4.1	-1	10
50	-917.8	-83.5	17.6	-160.9	5.7	-1	6
60	-1006.9	-56.7	12.3	-173.3	2.2	-0	2
70	-1231.2	11.5	.9	-209.5	-7.9	-0	-6
80	-1247.9	85.3	-12.3	-210.9	-18.6	-1	-15
90	-1121.1	137.8	-21.4	-188.6	-24.0	-3	-21
100	-1084.6	191.0	-31.4	-181.4	-30.8	-5	-28

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1
WIND DIRECTION 10
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-92.7	-11.3	2.8	-19.4	3.4
1ST	12.58	-1.8	-.2	3187	3162	-.6	-.0	-1	11	-90.9	-11.2	2.7	-18.2	3.4
2ND	22.25	-1.2	-.2	2448	2429	-.5	-.1	-2	14	-89.7	-11.0	2.5	-17.3	3.4
3RD	31.38	-1.0	-.2	2311	2293	-.4	-.1	-3	18	-88.7	-10.8	2.4	-16.5	3.4
4TH	41.54	-1.0	-.1	2575	2555	-.4	-.0	-2	27	-87.7	-10.8	2.3	-15.6	3.4
5TH	50.54	-1.6	.0	2279	2261	-.7	.0	0	19	-86.1	-10.8	2.2	-14.8	3.3
6TH	59.54	-1.6	-.0	2279	2261	-.7	-.0	-0	21	-84.5	-10.8	2.1	-14.1	3.3
7TH	68.54	-1.6	-.0	2279	2261	-.7	-.0	-1	24	-83.0	-10.7	2.0	-13.3	3.3
8TH	77.54	-1.5	-.1	2279	2261	-.7	-.0	-1	27	-81.4	-10.7	1.9	-12.6	3.2
9TH	86.54	-1.5	-.1	2279	2261	-.7	-.0	-2	31	-79.9	-10.6	1.9	-11.8	3.2
10TH	95.54	-1.5	-.1	2279	2261	-.7	-.1	-3	34	-78.4	-10.4	1.8	-11.1	3.1
11TH	104.54	-1.5	-.1	2279	2261	-.7	-.1	-4	36	-76.9	-10.3	1.7	-10.4	3.1
12TH	113.54	-1.6	-.1	2279	2261	-.7	-.1	-3	38	-75.3	-10.1	1.6	-9.8	3.0
13TH	122.54	-1.7	-.2	2279	2261	-.8	-.1	-3	39	-73.6	-10.0	1.5	-9.1	2.9
14TH	131.54	-1.8	-.2	2279	2261	-.8	-.1	-3	40	-71.8	-9.8	1.4	-8.4	2.9
15TH	140.54	-1.9	-.2	2279	2261	-.8	-.1	-3	41	-69.9	-9.7	1.3	-7.8	2.8
16TH	149.54	-2.0	-.2	2279	2261	-.9	-.1	-3	42	-67.8	-9.5	1.2	-7.2	2.7
17TH	158.54	-2.1	-.2	2279	2261	-.9	-.1	-3	42	-65.7	-9.3	1.1	-6.6	2.6
18TH	167.54	-2.2	-.2	2279	2261	-1.0	-.1	-4	42	-63.5	-9.2	1.1	-6.0	2.5
19TH	176.54	-2.3	-.2	2279	2261	-1.0	-.1	-4	42	-61.2	-9.0	1.0	-5.4	2.4
20TH	185.54	-2.4	-.2	2279	2261	-1.1	-.1	-4	42	-58.7	-8.8	.9	-4.9	2.3
21ST	194.54	-2.6	-.2	2279	2261	-1.1	-.1	-4	43	-56.2	-8.5	.8	-4.4	2.2
22ND	203.54	-2.7	-.2	2279	2261	-1.2	-.1	-4	42	-53.5	-8.3	.7	-3.9	2.1
23RD	212.54	-2.8	-.3	2279	2261	-1.2	-.1	-4	42	-50.6	-8.0	.7	-3.4	2.0
24TH	221.54	-3.0	-.3	2279	2261	-1.3	-.1	-4	42	-47.6	-7.7	.6	-3.0	1.8
		-3.1	-.3	2279	2261	-1.4	-.1	-4	42					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 10
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-44.5	-7.4	.5	-2.6	1.7
26TH	239.54	-3.3	-.3	2279	2261	-1.4	-.2	-4	42	-41.2	-7.0	.5	-2.2	1.6
27TH	248.54	-3.4	-.4	2279	2261	-1.5	-.2	-5	42	-37.8	-6.7	.4	-1.8	1.4
28TH	257.54	-3.5	-.4	2279	2261	-1.5	-.2	-5	42	-34.3	-6.3	.3	-1.5	1.3
29TH	266.54	-3.6	-.4	2279	2261	-1.6	-.2	-5	42	-30.7	-5.9	.3	-1.2	1.1
30TH	275.54	-3.7	-.4	2279	2261	-1.6	-.2	-5	43	-27.0	-5.4	.2	-.9	.9
31ST	284.54	-3.8	-.5	2279	2261	-1.7	-.2	-5	43	-23.2	-4.9	.2	-.7	.8
32ND	293.54	-3.9	-.5	2279	2261	-1.7	-.2	-5	43	-19.3	-4.4	.1	-.5	.6
33RD	302.54	-3.9	-.5	2279	2261	-1.7	-.2	-6	43	-15.4	-3.9	.1	-.4	.4
ROOF	314.38	-5.2	-.8	2997	2973	-1.7	-.3	-6	42	-10.2	-3.1	.1	-.2	.2
MECH	328.50	-4.4	-1.2	3017	2994	-1.5	-.4	-7	25	-5.7	-1.9	.0	-.1	.1
ELEV	337.17	-1.7	-.6	1309	1302	-1.3	-.4	-7	19	-4.0	-1.3	.0	-.1	.1
TANK	345.83	-1.2	-.4	659	651	-1.8	-.5	-5	16	-2.8	-1.0	.0	-.0	.0
TOP	363.08	-2.8	-1.0	1244	1226	-2.3	-.8	-5	14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 20
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-3.7	-3	3187	3162	-1.2	-.1	-0	4	-174.2	-15.8	4.3	-34.6	5.1
1ST	12.58	-2.5	-.2	2448	2429	-1.0	-.1	-1	10	-170.5	-15.5	4.1	-32.4	5.1
2ND	22.25	-2.2	-.1	2311	2293	-1.0	-.0	-1	12	-167.9	-15.3	4.0	-30.8	5.1
3RD	31.38	-2.4	.1	2575	2555	-.9	.0	0	14	-165.7	-15.2	3.8	-29.3	5.1
4TH	41.54	-3.5	.2	2279	2261	-1.6	.1	1	9	-163.3	-15.2	3.7	-27.6	5.0
5TH	50.54	-3.6	.2	2279	2261	-1.6	.1	1	12	-159.8	-15.5	3.5	-26.2	5.0
6TH	59.54	-3.6	.2	2279	2261	-1.6	.1	1	14	-156.2	-15.7	3.4	-24.7	4.9
7TH	68.54	-3.6	.2	2279	2261	-1.6	.1	1	16	-152.5	-15.9	3.2	-23.3	4.9
8TH	77.54	-3.6	.1	2279	2261	-1.6	.1	1	18	-148.9	-16.0	3.1	-22.0	4.8
9TH	86.54	-3.7	.1	2279	2261	-1.6	.1	1	21	-145.3	-16.1	3.0	-20.7	4.8
10TH	95.54	-3.7	.1	2279	2261	-1.6	.0	0	23	-141.6	-16.3	2.8	-19.4	4.7
11TH	104.54	-3.7	.0	2279	2261	-1.6	.0	0	25	-137.9	-16.3	2.7	-18.1	4.6
12TH	113.54	-3.8	-.0	2279	2261	-1.7	-.0	-0	27	-134.2	-16.4	2.5	-16.9	4.5
13TH	122.54	-3.8	-.1	2279	2261	-1.7	-.0	-1	28	-130.4	-16.3	2.4	-15.7	4.4
14TH	131.54	-3.9	-.1	2279	2261	-1.7	-.1	-1	30	-126.5	-16.2	2.2	-14.5	4.3
15TH	140.54	-3.9	-.2	2279	2261	-1.7	-.1	-2	32	-122.7	-16.1	2.1	-13.4	4.2
16TH	149.54	-4.1	-.2	2279	2261	-1.8	-.1	-2	33	-118.7	-15.9	1.9	-12.3	4.1
17TH	158.54	-4.2	-.3	2279	2261	-1.9	-.1	-2	34	-114.6	-15.6	1.8	-11.3	3.9
18TH	167.54	-4.4	-.3	2279	2261	-1.9	-.1	-3	35	-110.4	-15.4	1.7	-10.3	3.8
19TH	176.54	-4.5	-.4	2279	2261	-2.0	-.2	-3	36	-106.0	-15.0	1.5	-9.3	3.6
20TH	185.54	-4.7	-.4	2279	2261	-2.1	-.2	-3	37	-101.5	-14.6	1.4	-8.4	3.5
21ST	194.54	-4.9	-.5	2279	2261	-2.1	-.2	-4	37	-96.8	-14.2	1.2	-7.5	3.3
22ND	203.54	-5.1	-.5	2279	2261	-2.2	-.2	-4	37	-91.9	-13.8	1.1	-6.6	3.1
23RD	212.54	-5.2	-.6	2279	2261	-2.3	-.3	-4	37	-86.9	-13.2	1.0	-5.8	2.9
24TH	221.54	-5.4	-.6	2279	2261	-2.4	-.3	-4	37	-81.6	-12.6	.9	-5.1	2.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
WIND DIRECTION 20 CONFIGURATION B REFERENCE PRESSURE 38.0 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
25TH	230.54	-5.6	-7	2279	2261	-2.5	-3	-5	37	-76.2	-12.0	.8	-4.4	2.5
26TH	239.54	-5.8	-8	2279	2261	-2.5	-3	-5	36	-70.6	-11.3	.7	-3.7	2.3
27TH	248.54	-6.0	-8	2279	2261	-2.6	-4	-5	36	-64.8	-10.6	.6	-3.1	2.1
28TH	257.54	-6.2	-8	2279	2261	-2.7	-4	-5	36	-58.8	-9.8	.5	-2.5	1.9
29TH	266.54	-6.4	-9	2279	2261	-2.8	-4	-5	36	-52.6	-8.9	.4	-2.0	1.7
30TH	275.54	-6.6	-9	2279	2261	-2.9	-4	-5	36	-46.3	-8.1	.3	-1.6	1.4
31ST	284.54	-6.8	-1.0	2279	2261	-3.0	-4	-5	36	-39.7	-7.1	.3	-1.2	1.2
32ND	293.54	-6.8	-9	2279	2261	-3.0	-4	-5	37	-32.9	-6.2	.2	-.9	.9
33RD	302.54	-9.0	-1.1	2997	2973	-3.0	-4	-5	38	-26.1	-5.3	.1	-.6	.7
ROOF	314.38	-7.7	-1.8	3017	2994	-2.6	-6	-5	22	-17.1	-4.1	.1	-.3	.3
MECH	328.50	-3.0	-7	1309	1302	-2.3	-6	-4	17	-9.4	-2.3	.0	-.2	.2
ELEV	337.17	-2.0	-4	659	651	-3.0	-5	-3	16	-6.4	-1.6	.0	-.1	.1
TANK	345.83	-4.4	-1.2	1244	1226	-3.6	-1.0	-4	13	-4.4	-1.2	.0	-.0	.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
WIND DIRECTION 30 CONFIGURATION B REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-242.6	-29.9	7.6	-45.0	5.6
1ST	12.58	-6.7	-0.0	3187	3162	-2.1	-0.0	-0	6	-235.9	-29.9	7.2	-42.0	5.6
2ND	22.25	-5.0	-0.1	2448	2429	-2.1	-0.0	-0	6	-230.9	-29.9	6.9	-39.7	5.5
3RD	31.38	-4.6	-0.0	2311	2293	-2.0	-0.0	-0	6	-226.3	-29.8	6.6	-37.6	5.5
4TH	41.54	-4.9	.1	2575	2555	-1.9	.0	0	6	-221.4	-29.9	6.3	-35.3	5.5
5TH	50.54	-6.3	.1	2279	2261	-2.7	.0	0	3	-215.1	-30.0	6.0	-33.4	5.4
6TH	59.54	-6.2	.1	2279	2261	-2.7	.0	0	4	-208.9	-30.1	5.8	-31.5	5.4
7TH	68.54	-6.1	.0	2279	2261	-2.7	.0	0	6	-202.8	-30.1	5.5	-29.6	5.4
8TH	77.54	-6.0	-0.0	2279	2261	-2.6	-0.0	-0	7	-196.8	-30.1	5.2	-27.8	5.3
9TH	86.54	-5.9	-0.0	2279	2261	-2.6	-0.0	-0	9	-190.9	-30.1	5.0	-26.1	5.3
10TH	95.54	-5.7	-0.1	2279	2261	-2.5	-0.0	-0	10	-185.2	-30.0	4.7	-24.4	5.2
11TH	104.54	-5.7	-0.1	2279	2261	-2.5	-0.1	-0	12	-179.5	-29.8	4.4	-22.7	5.2
12TH	113.54	-5.7	-0.2	2279	2261	-2.5	-0.1	-1	15	-173.8	-29.6	4.2	-21.1	5.1
13TH	122.54	-5.6	-0.3	2279	2261	-2.5	-0.1	-1	17	-168.2	-29.3	3.9	-19.6	5.0
14TH	131.54	-5.6	-0.4	2279	2261	-2.5	-0.2	-1	19	-162.6	-28.9	3.6	-18.1	4.9
15TH	140.54	-5.6	-0.5	2279	2261	-2.5	-0.2	-2	21	-157.0	-28.5	3.4	-16.7	4.8
16TH	149.54	-5.6	-0.6	2279	2261	-2.5	-0.2	-2	23	-151.4	-27.9	3.1	-15.3	4.6
17TH	158.54	-5.7	-0.6	2279	2261	-2.5	-0.3	-3	24	-145.6	-27.3	2.9	-14.0	4.5
18TH	167.54	-5.9	-0.7	2279	2261	-2.6	-0.3	-3	26	-139.7	-26.6	2.6	-12.7	4.3
19TH	176.54	-6.0	-0.8	2279	2261	-2.6	-0.4	-4	27	-133.7	-25.8	2.4	-11.4	4.2
20TH	185.54	-6.2	-0.9	2279	2261	-2.7	-0.4	-4	28	-127.5	-24.9	2.2	-10.3	4.0
21ST	194.54	-6.3	-1.0	2279	2261	-2.8	-0.4	-4	29	-121.2	-23.9	1.9	-9.1	3.8
22ND	203.54	-6.5	-1.0	2279	2261	-2.9	-0.5	-5	29	-114.7	-22.9	1.7	-8.1	3.6
23RD	212.54	-6.7	-1.1	2279	2261	-2.9	-0.5	-5	30	-108.0	-21.8	1.5	-7.1	3.4
24TH	221.54	-6.9	-1.2	2279	2261	-3.0	-0.5	-5	31	-101.1	-20.6	1.3	-6.1	3.2
		-7.1	-1.3	2279	2261	-3.1	-0.6	-6	32					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
WIND DIRECTION 30 CONFIGURATION B REFERENCE PRESSURE 38.0 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
25TH	230.54									-94.0	-19.3	1.2	-5.3	2.9
26TH	239.54	-7.3	-1.3	2279	2261	-3.2	-.6	-6	32	-86.6	-18.0	1.0	-4.5	2.7
27TH	248.54	-7.5	-1.4	2279	2261	-3.3	-.6	-6	33	-79.2	-16.6	.8	-3.7	2.5
28TH	257.54	-7.6	-1.4	2279	2261	-3.3	-.6	-6	33	-71.5	-15.2	.7	-3.0	2.2
29TH	266.54	-7.8	-1.5	2279	2261	-3.4	-.7	-6	33	-63.8	-13.7	.6	-2.4	1.9
30TH	275.54	-7.9	-1.5	2279	2261	-3.5	-.7	-7	34	-55.9	-12.2	.4	-1.9	1.6
31ST	284.54	-8.0	-1.6	2279	2261	-3.5	-.7	-7	34	-47.8	-10.6	.3	-1.4	1.4
32ND	293.54	-8.2	-1.6	2279	2261	-3.6	-.7	-7	35	-39.6	-9.0	.3	-1.0	1.1
33RD	302.54	-8.3	-1.6	2279	2261	-3.6	-.7	-7	35	-31.4	-7.4	.2	-.7	.8
ROOF	314.38	-11.0	-2.1	2997	2973	-3.7	-.7	-7	35	-20.3	-5.3	.1	-.4	.4
MECH	328.50	-9.5	-2.6	3017	2994	-3.2	-.9	-6	20	-10.8	-2.7	.0	-.2	.2
ELEV	337.17	-3.6	-.9	1309	1302	-2.8	-.7	-4	16	-7.2	-1.8	.0	-.1	.1
TANK	345.83	-2.2	-.4	659	651	-3.4	-.6	-3	14	-5.0	-1.4	.0	-.0	.1
TOP	363.08	-5.0	-1.4	1244	1226	-4.0	-1.2	-4	12	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
WIND DIRECTION 40 CONFIGURATION B REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-11.5	.5	3187	3162	-3.6	.2	-0	-4	-417.4	-36.7	9.6	-75.3	4.1
1ST	12.58	-8.6	.4	2448	2429	-3.5	.1	-0	-2	-405.9	-37.1	9.1	-70.2	4.2
2ND	22.25	-7.9	.3	2311	2293	-3.4	.1	-0	-2	-397.3	-37.5	8.8	-66.3	4.2
3RD	31.38	-8.7	.3	2575	2555	-3.4	.1	-0	-1	-389.4	-37.8	8.4	-62.7	4.2
4TH	41.54	-11.1	.1	2279	2261	-4.9	.1	-0	-2	-380.7	-38.1	8.0	-58.8	4.2
5TH	50.54	-11.0	.1	2279	2261	-4.8	.0	-0	-2	-369.6	-38.2	7.7	-55.4	4.3
6TH	59.54	-10.9	.0	2279	2261	-4.8	.0	-0	-2	-358.6	-38.3	7.3	-52.1	4.3
7TH	68.54	-10.9	.0	2279	2261	-4.7	.0	-0	-1	-347.7	-38.3	7.0	-48.9	4.3
8TH	77.54	-10.7	.0	2279	2261	-4.7	.0	-0	-1	-337.0	-38.4	6.7	-45.9	4.3
9TH	86.54	-10.6	-.0	2279	2261	-4.6	-.0	0	-1	-326.4	-38.3	6.3	-42.9	4.3
10TH	95.54	-10.4	-.0	2279	2261	-4.6	-.0	0	-0	-316.0	-38.3	6.0	-40.0	4.3
11TH	104.54	-10.3	-.1	2279	2261	-4.5	-.0	-0	0	-305.6	-38.2	5.6	-37.2	4.3
12TH	113.54	-10.3	-.2	2279	2261	-4.5	-.1	-0	2	-295.3	-38.0	5.3	-34.5	4.3
13TH	122.54	-10.3	-.3	2279	2261	-4.5	-.1	-0	3	-285.0	-37.7	4.9	-31.9	4.3
14TH	131.54	-10.3	-.4	2279	2261	-4.5	-.2	-0	4	-274.6	-37.2	4.6	-29.3	4.2
15TH	140.54	-10.3	-.6	2279	2261	-4.5	-.2	-0	5	-264.3	-36.7	4.3	-26.9	4.2
16TH	149.54	-10.3	-.7	2279	2261	-4.5	-.3	-0	6	-254.0	-36.0	3.9	-24.6	4.1
17TH	158.54	-10.5	-.8	2279	2261	-4.6	-.3	-1	7	-243.4	-35.2	3.6	-22.4	4.0
18TH	167.54	-10.8	-.9	2279	2261	-4.7	-.4	-1	9	-232.7	-34.4	3.3	-20.2	4.0
19TH	176.54	-11.0	-1.0	2279	2261	-4.8	-.4	-1	10	-221.7	-33.4	3.0	-18.2	3.8
20TH	185.54	-11.2	-1.1	2279	2261	-4.9	-.5	-1	12	-210.5	-32.3	2.7	-16.2	3.7
21ST	194.54	-11.4	-1.2	2279	2261	-5.0	-.5	-1	13	-199.1	-31.1	2.4	-14.4	3.5
22ND	203.54	-11.7	-1.3	2279	2261	-5.1	-.6	-2	14	-187.5	-29.7	2.2	-12.6	3.4
23RD	212.54	-12.0	-1.4	2279	2261	-5.2	-.6	-2	15	-175.5	-28.3	1.9	-11.0	3.2
24TH	221.54	-12.2	-1.6	2279	2261	-5.4	-.7	-2	16	-163.3	-26.7	1.6	-9.5	3.0
		-12.5	-1.7	2279	2261	-5.5	-.7	-2	17					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 40
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLOC OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54	-12.8	-1.8	2279	2261	-5.6	-.8	-2	18	-150.8	-25.0	1.4	-8.1	2.8
26TH	239.54	-13.0	-1.9	2279	2261	-5.7	-.9	-3	18	-137.9	-23.2	1.2	-6.8	2.5
27TH	248.54	-13.1	-2.0	2279	2261	-5.7	-.9	-3	19	-124.9	-21.3	1.0	-5.6	2.3
28TH	257.54	-13.1	-2.1	2279	2261	-5.8	-.9	-3	19	-111.8	-19.3	.8	-4.5	2.1
29TH	266.54	-13.1	-2.2	2279	2261	-5.8	-1.0	-3	20	-98.7	-17.2	.6	-3.6	1.8
30TH	275.54	-13.2	-2.3	2279	2261	-5.8	-1.0	-3	20	-85.6	-15.0	.5	-2.7	1.5
31ST	284.54	-13.2	-2.3	2279	2261	-5.8	-1.0	-4	21	-72.4	-12.7	.4	-2.0	1.3
32ND	293.54	-13.1	-2.3	2279	2261	-5.7	-1.0	-4	21	-59.2	-10.4	.3	-1.4	1.0
33RD	302.54	-16.9	-2.8	2997	2973	-5.7	-.9	-3	21	-46.1	-8.1	.2	-1.0	.7
ROOF	314.38	-15.3	-2.6	3017	2994	-5.1	-.9	-2	11	-29.2	-5.3	.1	-.5	.3
MECH	328.50	-5.2	-.6	1309	1302	-4.0	-.5	-1	11	-13.9	-2.8	.1	-.2	.1
ELEV	337.17	-2.6	-.5	659	651	-4.0	-.8	-2	11	-8.7	-2.2	.0	-.1	.1
TANK	345.83	-6.1	-1.6	1244	1226	-4.9	-1.3	-2	9	-6.1	-1.6	.0	-.1	.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

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
GRND	0.00	-27.4	-1.0	3187	3162	-8.6	-.3	0	-4	-917.8	-83.5	17.6	-160.9	5.7
1ST	12.58	-19.3	-1.1	2448	2429	-7.9	-.4	0	-4	-890.4	-82.4	16.6	-149.5	5.9
2ND	22.25	-17.1	-1.1	2311	2293	-7.4	-.5	0	-3	-871.2	-81.4	15.8	-141.0	5.9
3RD	31.38	-18.4	-1.0	2575	2555	-7.1	-.4	0	-3	-854.0	-80.3	15.0	-133.1	6.0
4TH	41.54	-24.6	-.4	2279	2261	-10.8	-.2	0	-1	-835.7	-79.3	14.2	-124.5	6.0
5TH	50.54	-24.8	-.6	2279	2261	-10.9	-.3	0	-1	-811.1	-78.9	13.5	-117.1	6.1
6TH	59.54	-24.6	-.7	2279	2261	-10.8	-.3	0	-1	-786.4	-78.3	12.8	-109.9	6.1
7TH	68.54	-24.5	-.8	2279	2261	-10.7	-.4	0	-0	-761.8	-77.6	12.1	-103.0	6.1
8TH	77.54	-24.3	-.9	2279	2261	-10.7	-.4	-0	0	-737.3	-76.8	11.4	-96.2	6.1
9TH	86.54	-24.2	-1.0	2279	2261	-10.6	-.5	-0	1	-712.9	-75.9	10.7	-89.7	6.1
10TH	95.54	-24.2	-1.2	2279	2261	-10.6	-.5	-0	1	-688.8	-74.9	10.1	-83.4	6.1
11TH	104.54	-24.4	-1.4	2279	2261	-10.7	-.6	-0	2	-664.5	-73.7	9.4	-77.3	6.1
12TH	113.54	-24.5	-1.6	2279	2261	-10.8	-.7	-0	3	-640.2	-72.3	8.7	-71.4	6.0
13TH	122.54	-24.7	-1.8	2279	2261	-10.8	-.8	-0	4	-615.7	-70.7	8.1	-65.8	5.9
14TH	131.54	-24.8	-2.0	2279	2261	-10.9	-.9	-0	5	-591.0	-68.9	7.5	-60.4	5.8
15TH	140.54	-25.0	-2.2	2279	2261	-11.0	-1.0	-0	5	-566.1	-66.9	6.8	-55.2	5.7
16TH	149.54	-25.2	-2.3	2279	2261	-11.1	-1.0	-1	6	-541.2	-64.8	6.3	-50.2	5.6
17TH	158.54	-25.4	-2.5	2279	2261	-11.1	-1.1	-1	7	-516.0	-62.4	5.7	-45.4	5.4
18TH	167.54	-25.6	-2.6	2279	2261	-11.2	-1.2	-1	7	-490.6	-59.9	5.1	-40.9	5.3
19TH	176.54	-25.8	-2.8	2279	2261	-11.3	-1.2	-1	8	-465.0	-57.3	4.6	-36.6	5.1
20TH	185.54	-26.0	-2.9	2279	2261	-11.4	-1.3	-1	9	-439.2	-54.5	4.1	-32.5	4.9
21ST	194.54	-26.3	-3.0	2279	2261	-11.5	-1.3	-1	9	-413.2	-51.6	3.6	-28.7	4.6
22ND	203.54	-26.6	-3.1	2279	2261	-11.7	-1.4	-1	10	-386.9	-48.6	3.2	-25.1	4.4
23RD	212.54	-26.9	-3.2	2279	2261	-11.8	-1.4	-1	10	-360.3	-45.5	2.7	-21.7	4.1
24TH	221.54	-27.2	-3.3	2279	2261	-11.9	-1.5	-1	11	-333.4	-42.3	2.4	-18.6	3.9

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 50
MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54									-306.2	-39.0	2.0	-15.7	3.6
26TH	239.54	-27.6	-3.4	2279	2261	-12.1	-1.5	-1	11	-278.6	-35.6	1.7	-13.1	3.3
27TH	248.54	-27.8	-3.5	2279	2261	-12.2	-1.5	-1	12	-250.8	-32.1	1.3	-10.7	2.9
28TH	257.54	-27.8	-3.6	2279	2261	-12.2	-1.6	-2	12	-223.0	-28.6	1.1	-8.6	2.6
29TH	266.54	-27.9	-3.7	2279	2261	-12.2	-1.6	-2	12	-195.1	-24.9	.8	-6.7	2.2
30TH	275.54	-27.9	-3.7	2279	2261	-12.3	-1.7	-2	13	-167.2	-21.1	.6	-5.1	1.9
31ST	284.54	-28.0	-3.8	2279	2261	-12.3	-1.7	-2	13	-139.2	-17.3	.5	-3.7	1.5
32ND	293.54	-28.0	-3.9	2279	2261	-12.3	-1.7	-2	13	-111.2	-13.4	.3	-2.6	1.1
33RD	302.54	-26.9	-3.6	2279	2261	-11.8	-1.6	-2	13	-84.3	-9.8	.2	-1.7	.8
ROOF	314.38	-33.4	-4.3	2997	2973	-11.1	-1.5	-2	13	-50.9	-5.4	.1	-.9	.4
MECH	328.50	-28.7	-2.6	3017	2994	-9.5	-.9	-1	6	-22.3	-2.8	.1	-.4	.2
ELEV	337.17	-8.2	-.2	1309	1302	-6.2	-.2	-0	9	-14.1	-2.6	.0	-.2	.1
TANK	345.83	-3.4	-.5	659	651	-5.2	-.8	-1	9	-10.7	-2.1	.0	-.1	.1
TOP	363.08	-10.7	-2.1	1244	1226	-8.6	-1.7	-1	6	0.0	0.0	0.0	0.0	0.0

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
GRND	0.00	-31.3	.1	3187	3162	-9.8	.0	-0	-4	-1006.9	-56.7	12.3	-173.3	2.2
1ST	12.58	-22.6	-.2	2448	2429	-9.3	-.1	0	-4	-975.6	-56.8	11.6	-160.8	2.4
2ND	22.25	-20.5	-.2	2311	2293	-8.9	-.1	0	-3	-953.0	-56.5	11.0	-151.5	2.4
3RD	31.38	-22.1	-.1	2575	2555	-8.6	-.0	0	-2	-932.5	-56.3	10.5	-142.9	2.5
4TH	41.54	-27.1	-.0	2279	2261	-11.9	-.0	0	-2	-910.4	-56.2	10.0	-133.5	2.6
5TH	50.54	-27.3	-.2	2279	2261	-12.0	-.1	0	-1	-883.3	-56.2	9.5	-125.4	2.6
6TH	59.54	-27.2	-.3	2279	2261	-11.9	-.1	0	-1	-856.0	-56.0	8.9	-117.6	2.6
7TH	68.54	-27.2	-.4	2279	2261	-11.9	-.2	0	-1	-828.8	-55.7	8.4	-110.0	2.7
8TH	77.54	-27.1	-.5	2279	2261	-11.9	-.2	0	-1	-801.6	-55.4	7.9	-102.7	2.7
9TH	86.54	-27.0	-.6	2279	2261	-11.9	-.3	0	-1	-774.5	-54.9	7.5	-95.6	2.7
10TH	95.54	-27.1	-.7	2279	2261	-11.9	-.3	0	-0	-747.5	-54.3	7.0	-88.8	2.8
11TH	104.54	-27.3	-.9	2279	2261	-12.0	-.4	-0	0	-720.4	-53.5	6.5	-82.1	2.8
12TH	113.54	-27.5	-1.2	2279	2261	-12.1	-.5	-0	0	-693.1	-52.6	6.0	-75.8	2.8
13TH	122.54	-27.7	-1.4	2279	2261	-12.2	-.6	-0	1	-665.6	-51.4	5.5	-69.7	2.8
14TH	131.54	-27.9	-1.6	2279	2261	-12.2	-.7	-0	1	-638.0	-50.1	5.1	-63.8	2.7
15TH	140.54	-28.1	-1.8	2279	2261	-12.3	-.8	-0	2	-610.1	-48.5	4.6	-58.2	2.7
16TH	149.54	-28.3	-1.9	2279	2261	-12.4	-.8	-0	2	-581.9	-46.7	4.2	-52.8	2.6
17TH	158.54	-28.4	-2.0	2279	2261	-12.5	-.9	-0	3	-553.7	-44.8	3.8	-47.7	2.6
18TH	167.54	-28.6	-2.2	2279	2261	-12.5	-1.0	-0	3	-525.3	-42.8	3.4	-42.9	2.5
19TH	176.54	-28.7	-2.3	2279	2261	-12.6	-1.0	-0	3	-496.7	-40.7	3.0	-38.3	2.4
20TH	185.54	-28.9	-2.4	2279	2261	-12.7	-1.1	-0	4	-467.9	-38.4	2.7	-33.9	2.3
21ST	194.54	-29.1	-2.5	2279	2261	-12.8	-1.1	-0	4	-439.0	-36.0	2.3	-29.8	2.2
22ND	203.54	-29.3	-2.5	2279	2261	-12.9	-1.1	-0	4	-410.0	-33.5	2.0	-26.0	2.1
23RD	212.54	-29.5	-2.5	2279	2261	-12.9	-1.1	-0	5	-380.7	-31.0	1.7	-22.5	2.0
24TH	221.54	-29.7	-2.5	2279	2261	-13.0	-1.1	-0	5	-351.2	-28.5	1.5	-19.2	1.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 60

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
CONFIGURATION B
REFERENCE PRESSURE 38.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32 MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
25TH	230.54	-29.9	-2.6	2279	2261	-13.1	-1.1	-0	6	-321.5	-25.9	1.2	-16.1	1.7
26TH	239.54	-30.0	-2.6	2279	2261	-13.2	-1.1	-1	6	-291.6	-23.4	1.0	-13.4	1.5
27TH	248.54	-30.0	-2.6	2279	2261	-13.2	-1.2	-1	6	-261.5	-20.8	.8	-10.9	1.3
28TH	257.54	-30.0	-2.6	2279	2261	-13.1	-1.2	-1	6	-231.5	-18.2	.6	-8.7	1.2
29TH	266.54	-29.9	-2.6	2279	2261	-13.1	-1.2	-1	6	-201.6	-15.6	.5	-6.7	1.0
30TH	275.54	-29.9	-2.6	2279	2261	-13.1	-1.2	-1	6	-171.6	-12.9	.3	-5.0	.8
31ST	284.54	-29.9	-2.7	2279	2261	-13.1	-1.2	-1	6	-141.8	-10.3	.2	-3.6	.6
32ND	293.54	-28.3	-2.5	2279	2261	-12.4	-1.1	-0	5	-111.9	-7.6	.2	-2.5	.5
33RD	302.54	-34.5	-3.0	2997	2973	-11.5	-1.0	-0	5	-83.6	-5.1	.1	-1.6	.3
ROOF	314.38	-28.7	-1.3	3017	2994	-9.5	-.4	-0	1	-49.1	-2.2	.1	-.8	.1
MECH	328.50	-7.3	.3	1309	1302	-5.6	.2	0	7	-20.4	-.9	.0	-.3	.1
ELEV	337.17	-2.8	-.1	659	651	-4.2	-.1	-0	9	-13.1	-1.2	.0	-.2	.1
TANK	345.83	-10.4	-1.1	1244	1226	-8.3	-.9	-0	4	-10.4	-1.1	.0	-.1	.0
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70

CONFIGURATION B

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
REFERENCE PRESSURE 38.0 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
GRND	0.00	-38.9	2.9	3187	3162	-12.2	.9	-0	-6	-1231.2	11.5	.9	-209.5	-7.9
1ST	12.58	-28.4	2.2	2448	2429	-11.6	.9	-0	-6	-1192.3	8.6	1.0	-194.3	-7.7
2ND	22.25	-25.9	2.2	2311	2293	-11.2	.9	-0	-6	-1163.9	6.4	1.1	-182.9	-7.5
3RD	31.38	-28.1	2.7	2575	2555	-10.9	1.1	-0	-5	-1138.0	4.3	1.1	-172.4	-7.3
4TH	41.54	-33.4	1.3	2279	2261	-14.7	.6	-0	-7	-1109.9	1.6	1.2	-161.0	-7.2
5TH	50.54	-33.8	1.1	2279	2261	-14.8	.5	-0	-8	-1076.5	.3	1.2	-151.1	-7.0
6TH	59.54	-33.8	1.0	2279	2261	-14.8	.5	-0	-8	-1042.7	-.8	1.2	-141.6	-6.7
7TH	68.54	-33.8	.9	2279	2261	-14.8	.4	-0	-8	-1009.0	-1.9	1.1	-132.4	-6.4
8TH	77.54	-33.8	.9	2279	2261	-14.8	.4	-0	-8	-975.2	-2.8	1.1	-123.4	-6.2
9TH	86.54	-33.8	.8	2279	2261	-14.8	.3	-0	-9	-941.4	-3.7	1.1	-114.8	-5.9
10TH	95.54	-33.9	.7	2279	2261	-14.9	.3	-0	-9	-907.6	-4.5	1.1	-106.5	-5.6
11TH	104.54	-34.0	.6	2279	2261	-14.9	.3	-0	-8	-873.8	-5.1	1.0	-98.5	-5.3
12TH	113.54	-34.2	.5	2279	2261	-15.0	.2	-0	-8	-839.7	-5.7	1.0	-90.8	-5.0
13TH	122.54	-34.3	.4	2279	2261	-15.0	.2	-0	-8	-805.6	-6.2	.9	-83.4	-4.7
14TH	131.54	-34.4	.3	2279	2261	-15.1	.1	-0	-8	-771.3	-6.6	.9	-76.3	-4.5
15TH	140.54	-34.6	.2	2279	2261	-15.2	.1	-0	-8	-736.8	-6.9	.8	-69.5	-4.2
16TH	149.54	-34.8	.1	2279	2261	-15.3	.1	-0	-7	-702.2	-7.1	.7	-63.0	-3.9
17TH	158.54	-35.0	.0	2279	2261	-15.3	.0	-0	-7	-667.5	-7.3	.7	-56.8	-3.7
18TH	167.54	-35.1	-.0	2279	2261	-15.4	-.0	0	-7	-632.5	-7.3	.6	-51.0	-3.4
19TH	176.54	-35.3	-.1	2279	2261	-15.5	-.1	0	-7	-597.4	-7.3	.5	-45.5	-3.2
20TH	185.54	-35.5	-.2	2279	2261	-15.6	-.1	0	-7	-562.1	-7.2	.5	-40.2	-2.9
21ST	194.54	-35.7	-.3	2279	2261	-15.6	-.1	0	-7	-526.6	-7.0	.4	-35.3	-2.7
22ND	203.54	-35.8	-.3	2279	2261	-15.7	-.2	0	-6	-490.9	-6.7	.3	-30.8	-2.4
23RD	212.54	-36.0	-.4	2279	2261	-15.8	-.2	0	-6	-455.1	-6.4	.3	-26.5	-2.2
24TH	221.54	-36.2	-.5	2279	2261	-15.9	-.2	0	-6	-419.1	-5.9	.2	-22.6	-2.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 70

CONFIGURATION B

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
REFERENCE PRESSURE 38.0 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
25TH	230.54									-383.0	-5.5	.2	-19.0	-1.8
26TH	239.54	-36.3	-.6	2279	2261	-15.9	-.2	0	-6	-346.6	-4.9	.1	-15.7	-1.5
27TH	248.54	-36.4	-.6	2279	2261	-16.0	-.3	0	-6	-310.2	-4.3	.1	-12.7	-1.3
28TH	257.54	-36.3	-.6	2279	2261	-15.9	-.3	0	-6	-274.0	-3.6	.1	-10.1	-1.1
29TH	266.54	-36.2	-.7	2279	2261	-15.9	-.3	0	-5	-237.8	-3.0	.0	-7.8	-.9
30TH	275.54	-36.0	-.7	2279	2261	-15.8	-.3	0	-5	-201.8	-2.2	.0	-5.8	-.7
31ST	284.54	-35.9	-.7	2279	2261	-15.8	-.3	0	-5	-165.9	-1.5	-.0	-4.2	-.6
32ND	293.54	-35.8	-.8	2279	2261	-15.7	-.3	0	-4	-130.1	-.7	-.0	-2.8	-.4
33RD	302.54	-33.7	-.8	2279	2261	-14.8	-.4	0	-4	-96.4	.0	-.0	-1.8	-.3
		-40.6	-1.1	2997	2973	-13.6	-.4	0	-4	-55.8	1.1	-.0	-.9	-.1
ROOF	314.38	-33.8	.1	3017	2994	-11.2	.0	-0	-5	-21.9	1.0	-.0	-.4	.0
MECH	328.50	-8.0	.7	1309	1302	-6.1	.5	0	3	-14.0	.3	-.0	-.2	.0
ELEV	337.17	-2.7	.3	659	651	-4.1	.4	1	6	-11.2	.0	-.0	-.1	.0
TANK	345.83	-11.2	.0	1244	1226	-9.0	.0	0	1	0.0	0.0	0.0	0.0	0.0
TOP	363.08													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT														
WIND DIRECTION 80		CONFIGURATION B		REFERENCE PRESSURE 38.0 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
GRND	0.00	-40.2	5.6	3187	3162	-12.6	1.8	-1	-8	-1247.9	85.3	-12.3	-210.9	-18.6
1ST	12.58	-29.4	4.4	2448	2429	-12.0	1.8	-1	-9	-1207.7	79.7	-11.3	-195.5	-18.3
2ND	22.25	-26.9	4.3	2311	2293	-11.6	1.9	-1	-8	-1178.3	75.3	-10.5	-184.0	-18.0
3RD	31.38	-29.2	5.0	2575	2555	-11.3	2.0	-1	-7	-1151.4	71.0	-9.9	-173.3	-17.8
4TH	41.54	-34.0	2.3	2279	2261	-14.9	1.0	-1	-13	-1122.2	66.0	-9.2	-161.8	-17.6
5TH	50.54	-34.4	2.2	2279	2261	-15.1	1.0	-1	-14	-1088.3	63.7	-8.6	-151.8	-17.2
6TH	59.54	-34.5	2.3	2279	2261	-15.1	1.0	-1	-14	-1053.9	61.5	-8.0	-142.2	-16.7
7TH	68.54	-34.6	2.3	2279	2261	-15.2	1.0	-1	-15	-1019.4	59.3	-7.5	-132.9	-16.2
8TH	77.54	-34.7	2.4	2279	2261	-15.2	1.1	-1	-15	-984.8	57.0	-6.9	-123.8	-15.7
9TH	86.54	-34.7	2.4	2279	2261	-15.3	1.1	-1	-15	-950.1	54.6	-6.4	-115.1	-15.2
10TH	95.54	-34.8	2.4	2279	2261	-15.3	1.1	-1	-16	-915.4	52.1	-6.0	-106.7	-14.6
11TH	104.54	-34.9	2.4	2279	2261	-15.3	1.1	-1	-16	-880.5	49.7	-5.5	-98.7	-14.1
12TH	113.54	-35.0	2.3	2279	2261	-15.4	1.0	-1	-16	-845.5	47.4	-5.1	-90.9	-13.5
13TH	122.54	-35.1	2.2	2279	2261	-15.4	1.0	-1	-16	-810.3	45.2	-4.7	-83.4	-12.9
14TH	131.54	-35.3	2.1	2279	2261	-15.5	.9	-1	-16	-775.0	43.0	-4.3	-76.3	-12.4
15TH	140.54	-35.4	2.0	2279	2261	-15.5	.9	-1	-16	-739.6	41.0	-3.9	-69.5	-11.8
16TH	149.54	-35.6	2.0	2279	2261	-15.6	.9	-1	-16	-704.1	39.0	-3.5	-63.0	-11.2
17TH	158.54	-35.6	2.0	2279	2261	-15.6	.9	-1	-17	-668.5	37.0	-3.2	-56.8	-10.6
18TH	167.54	-35.6	2.0	2279	2261	-15.6	.9	-1	-17	-632.8	35.1	-2.8	-51.0	-10.0
19TH	176.54	-35.7	2.0	2279	2261	-15.7	.9	-1	-18	-597.2	33.1	-2.5	-45.4	-9.4
20TH	185.54	-35.7	2.0	2279	2261	-15.7	.9	-1	-18	-561.4	31.1	-2.3	-40.2	-8.7
21ST	194.54	-35.8	2.0	2279	2261	-15.7	.9	-1	-18	-525.7	29.1	-2.0	-35.3	-8.1
22ND	203.54	-35.8	2.0	2279	2261	-15.7	.9	-1	-18	-489.9	27.1	-1.7	-30.8	-7.4
23RD	212.54	-35.9	2.0	2279	2261	-15.7	.9	-1	-18	-454.0	25.1	-1.5	-26.5	-6.8
24TH	221.54	-35.9	2.0	2279	2261	-15.8	.9	-1	-18	-418.1	23.1	-1.3	-22.6	-6.1
		-36.0	2.0	2279	2261	-15.8	.9	-1	-17					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 80

CONFIGURATION B

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
REFERENCE PRESSURE 38.0 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
25TH	230.54									-382.1	21.1	-1.1	-19.0	-5.5
26TH	239.54	-36.1	2.0	2279	2261	-15.8	.9	-1	-17	-346.0	19.1	-.9	-15.7	-4.9
27TH	248.54	-36.1	2.0	2279	2261	-15.8	.9	-1	-17	-309.9	17.0	-.7	-12.8	-4.3
28TH	257.54	-36.0	2.0	2279	2261	-15.8	.9	-1	-16	-273.9	15.0	-.6	-10.1	-3.7
29TH	266.54	-35.9	2.0	2279	2261	-15.8	.9	-1	-16	-238.0	13.0	-.5	-7.8	-3.1
30TH	275.54	-35.8	2.0	2279	2261	-15.7	.9	-1	-16	-202.2	10.9	-.4	-5.8	-2.6
31ST	284.54	-35.7	2.0	2279	2261	-15.7	.9	-1	-16	-166.5	9.0	-.3	-4.2	-2.0
32ND	293.54	-35.6	2.0	2279	2261	-15.6	.9	-1	-15	-130.8	7.0	-.2	-2.8	-1.5
33RD	302.54	-33.6	1.6	2279	2261	-14.8	.7	-1	-15	-97.2	5.4	-.1	-1.8	-1.0
		-40.8	1.5	2997	2973	-13.6	.5	-1	-14					
ROOF	314.38	-34.6	1.3	3017	2994	-11.5	.4	-0	-11	-56.4	3.9	-.1	-.9	-.4
MECH	328.50	-8.0	.8	1309	1302	-6.1	.6	-0	-1	-21.7	2.5	-.0	-.4	-.0
ELEV	337.17									-13.7	1.7	-.0	-.2	-.0
		-2.6	.5	659	651	-4.0	.8	1	3					
TANK	345.83									-11.1	1.2	-.0	-.1	-.0
		-11.1	1.2	1244	1226	-8.9	1.0	-0	-2					
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 90° CONFIGURATION B MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
REFERENCE PRESSURE 38.0 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
GRND	0.00	-36.8	6.9	3187	3162	-11.5	2.2	-2	-8	-1121.1	137.8	-21.4	-188.6	-24.0
1ST	12.58	-27.1	5.5	2448	2429	-11.0	2.3	-2	-8	-1084.3	131.0	-19.7	-174.8	-23.7
2ND	22.25	-24.7	5.8	2311	2293	-10.7	2.5	-2	-7	-1057.3	125.4	-18.5	-164.4	-23.5
3RD	31.38	-26.9	7.6	2575	2555	-10.4	3.0	-2	-6	-1032.5	119.6	-17.3	-154.9	-23.3
4TH	41.54	-30.8	3.0	2279	2261	-13.5	1.3	-2	-17	-1005.7	112.0	-16.2	-144.5	-23.1
5TH	50.54	-31.2	2.9	2279	2261	-13.7	1.3	-2	-18	-974.9	109.0	-15.2	-135.6	-22.6
6TH	59.54	-31.3	3.1	2279	2261	-13.8	1.4	-2	-18	-943.6	106.1	-14.2	-127.0	-22.0
7TH	68.54	-31.5	3.3	2279	2261	-13.8	1.4	-2	-19	-912.3	103.0	-13.3	-118.6	-21.4
8TH	77.54	-31.6	3.4	2279	2261	-13.9	1.5	-2	-20	-880.8	99.8	-12.3	-110.6	-20.8
9TH	86.54	-31.7	3.6	2279	2261	-13.9	1.6	-2	-21	-849.3	96.3	-11.5	-102.8	-20.2
10TH	95.54	-31.7	3.7	2279	2261	-13.9	1.6	-2	-21	-817.6	92.7	-10.6	-95.3	-19.5
11TH	104.54	-31.7	3.7	2279	2261	-13.9	1.6	-3	-22	-785.8	89.1	-9.8	-88.1	-18.8
12TH	113.54	-31.7	3.7	2279	2261	-13.9	1.6	-3	-22	-754.1	85.4	-9.0	-81.1	-18.1
13TH	122.54	-31.6	3.7	2279	2261	-13.9	1.6	-3	-23	-722.5	81.7	-8.3	-74.5	-17.4
14TH	131.54	-31.6	3.7	2279	2261	-13.9	1.6	-3	-24	-690.9	78.0	-7.5	-68.1	-16.7
15TH	140.54	-31.6	3.7	2279	2261	-13.8	1.6	-3	-24	-659.3	74.3	-6.8	-62.0	-15.9
16TH	149.54	-31.6	3.7	2279	2261	-13.9	1.6	-3	-24	-627.7	70.6	-6.2	-56.3	-15.1
17TH	158.54	-31.7	3.7	2279	2261	-13.9	1.6	-3	-25	-596.1	67.0	-5.6	-50.7	-14.4
18TH	167.54	-31.7	3.7	2279	2261	-13.9	1.6	-3	-25	-564.4	63.3	-5.0	-45.5	-13.6
19TH	176.54	-31.7	3.7	2279	2261	-13.9	1.6	-3	-25	-532.7	59.6	-4.4	-40.6	-12.8
20TH	185.54	-31.8	3.7	2279	2261	-14.0	1.6	-3	-25	-500.8	55.9	-3.9	-35.9	-11.9
21ST	194.54	-31.9	3.7	2279	2261	-14.0	1.6	-3	-26	-469.0	52.3	-3.4	-31.6	-11.1
22ND	203.54	-32.0	3.7	2279	2261	-14.0	1.6	-3	-26	-437.0	48.6	-3.0	-27.5	-10.3
23RD	212.54	-32.0	3.7	2279	2261	-14.1	1.6	-3	-26	-405.0	44.9	-2.6	-23.7	-9.4
24TH	221.54	-32.1	3.7	2279	2261	-14.1	1.7	-3	-26	-372.8	41.1	-2.2	-20.2	-8.6
		-32.2	3.8	2279	2261	-14.1	1.7	-3	-26					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT														
WIND DIRECTION 90		CONFIGURATION B		REFERENCE PRESSURE 38.0 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
25TH	230.54									-340.6	37.3	-1.8	-17.0	-7.7
26TH	239.54	-32.3	3.8	2279	2261	-14.2	1.7	-3	-26	-308.3	33.5	-1.5	-14.1	-6.9
27TH	248.54	-32.3	3.8	2279	2261	-14.2	1.7	-3	-26	-276.0	29.7	-1.2	-11.4	-6.0
28TH	257.54	-32.1	3.7	2279	2261	-14.1	1.7	-3	-25	-244.0	26.0	-1.0	-9.1	-5.2
29TH	266.54	-31.8	3.7	2279	2261	-14.0	1.6	-3	-25	-212.1	22.3	-.7	-7.1	-4.4
30TH	275.54	-31.6	3.6	2279	2261	-13.9	1.6	-3	-25	-180.5	18.6	-.6	-5.3	-3.6
31ST	284.54	-31.4	3.6	2279	2261	-13.8	1.6	-3	-25	-149.2	15.1	-.4	-3.8	-2.8
32ND	293.54	-31.1	3.5	2279	2261	-13.7	1.6	-3	-24	-118.0	11.5	-.3	-2.6	-2.1
33RD	302.54	-29.6	3.0	2279	2261	-13.0	1.3	-2	-23	-88.4	8.5	-.2	-1.7	-1.4
ROOF	314.38	-36.4	3.1	2997	2973	-12.1	1.0	-2	-21	-52.1	5.5	-.1	-.8	-.6
MECH	328.50	-31.8	2.2	3017	2994	-10.5	.7	-1	-16	-20.3	3.3	-.1	-.3	-.1
ELEV	337.17	-7.6	1.0	1309	1302	-5.8	.8	-1	-5	-12.7	2.3	-.0	-.2	-.1
TANK	345.83	-2.5	.5	659	651	-3.8	.8	-0	-1	-10.2	1.8	-.0	-.1	-.0
TOP	363.08	-10.2	1.8	1244	1226	-8.2	1.5	-1	-5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :
WIND DIRECTION 100

CONFIGURATION B

MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
REFERENCE PRESSURE 38.0 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
GRND	0.00									-1084.6	191.0	-31.4	-181.4	-30.8
1ST	12.58	-36.8	7.7	3187	3162	-11.6	2.4	-2	-9	-1047.7	183.3	-29.1	-168.0	-30.5
2ND	22.25	-27.2	6.1	2448	2429	-11.1	2.5	-2	-8	-1020.5	177.1	-27.3	-158.0	-30.2
3RD	31.38	-24.8	6.7	2311	2293	-10.7	2.9	-2	-7	-995.7	170.4	-25.7	-148.8	-30.0
4TH	41.54	-26.6	9.6	2575	2555	-10.3	3.8	-2	-7	-969.1	160.8	-24.1	-138.8	-29.8
5TH	50.54	-30.0	3.6	2279	2261	-13.2	1.6	-3	-23	-939.0	157.1	-22.6	-130.2	-29.1
6TH	59.54	-30.4	3.7	2279	2261	-13.3	1.6	-3	-24	-908.6	153.5	-21.2	-121.9	-28.4
7TH	68.54	-30.5	3.9	2279	2261	-13.4	1.7	-3	-25	-878.1	149.6	-19.9	-113.9	-27.6
8TH	77.54	-30.5	4.2	2279	2261	-13.4	1.8	-4	-26	-847.6	145.4	-18.5	-106.1	-26.8
9TH	86.54	-30.6	4.4	2279	2261	-13.4	2.0	-4	-27	-817.0	141.0	-17.2	-98.6	-25.9
10TH	95.54	-30.7	4.7	2279	2261	-13.5	2.1	-4	-28	-786.3	136.3	-16.0	-91.4	-25.1
11TH	104.54	-30.8	4.9	2279	2261	-13.5	2.2	-5	-28	-755.5	131.4	-14.8	-84.5	-24.2
12TH	113.54	-30.8	5.0	2279	2261	-13.5	2.2	-5	-29	-724.7	126.5	-13.6	-77.8	-23.3
13TH	122.54	-30.9	5.0	2279	2261	-13.6	2.2	-5	-30	-693.7	121.4	-12.5	-71.4	-22.3
14TH	131.54	-31.0	5.1	2279	2261	-13.6	2.3	-5	-30	-662.7	116.3	-11.5	-65.3	-21.3
15TH	140.54	-31.1	5.2	2279	2261	-13.6	2.3	-5	-31	-631.6	111.0	-10.4	-59.5	-20.4
16TH	149.54	-31.2	5.3	2279	2261	-13.7	2.4	-5	-31	-600.4	105.7	-9.5	-53.9	-19.4
17TH	158.54	-30.9	5.3	2279	2261	-13.6	2.4	-6	-32	-569.5	100.4	-8.5	-48.7	-18.3
18TH	167.54	-30.6	5.3	2279	2261	-13.4	2.4	-6	-33	-538.9	95.1	-7.6	-43.7	-17.3
19TH	176.54	-30.3	5.3	2279	2261	-13.3	2.4	-6	-33	-508.6	89.7	-6.8	-39.0	-16.3
20TH	185.54	-30.1	5.3	2279	2261	-13.2	2.4	-6	-34	-478.5	84.4	-6.0	-34.5	-15.2
21ST	194.54	-29.8	5.3	2279	2261	-13.1	2.4	-6	-34	-448.7	79.1	-5.3	-30.4	-14.2
22ND	203.54	-29.9	5.4	2279	2261	-13.1	2.4	-6	-34	-418.8	73.7	-4.6	-26.5	-13.1
23RD	212.54	-30.2	5.5	2279	2261	-13.2	2.4	-6	-34	-388.7	68.2	-4.0	-22.8	-12.1
24TH	221.54	-30.4	5.5	2279	2261	-13.3	2.4	-6	-34	-358.3	62.7	-3.4	-19.5	-11.0
		-30.7	5.6	2279	2261	-13.5	2.5	-6	-34					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
WIND DIRECTION 100 CONFIGURATION B REFERENCE PRESSURE 38.0 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
25TH	230.54	-30.9	5.7	2279	2261	-13.6	2.5	-6	-33	-327.6	57.1	-2.8	-16.4	-9.9
26TH	239.54	-31.0	5.7	2279	2261	-13.6	2.5	-6	-33	-296.7	51.4	-2.4	-13.6	-8.9
27TH	248.54	-30.8	5.6	2279	2261	-13.5	2.5	-6	-33	-265.6	45.8	-1.9	-11.0	-7.8
28TH	257.54	-30.6	5.5	2279	2261	-13.4	2.4	-6	-33	-234.8	40.2	-1.5	-8.8	-6.8
29TH	266.54	-30.4	5.4	2279	2261	-13.3	2.4	-6	-33	-204.2	34.7	-1.2	-6.8	-5.7
30TH	275.54	-30.2	5.3	2279	2261	-13.3	2.3	-6	-33	-173.8	29.3	-.9	-5.1	-4.7
31ST	284.54	-30.0	5.2	2279	2261	-13.2	2.3	-6	-33	-143.6	24.0	-.7	-3.7	-3.7
32ND	293.54	-28.4	4.6	2279	2261	-12.4	2.0	-5	-31	-113.5	18.8	-.5	-2.5	-2.7
33RD	302.54	-34.5	5.1	2997	2973	-11.5	1.7	-4	-29	-85.2	14.2	-.3	-1.6	-1.8
ROOF	314.38	-30.6	4.0	3017	2994	-10.1	1.3	-3	-19	-50.6	9.1	-.2	-.8	-.8
MECH	328.50	-7.5	1.6	1309	1302	-5.7	1.3	-2	-9	-20.0	5.1	-.1	-.3	-.1
ELEV	337.17	-2.4	.7	659	651	-3.7	1.1	-1	-4	-12.5	3.4	-.1	-.2	-.1
TANK	345.83	-10.1	2.7	1244	1226	-8.1	2.2	-2	-6	-10.1	2.7	-.0	-.1	-.1
TOP	363.08									0.0	0.0	0.0	0.0	0.0

TABLE 7. 5620 MANHATTAN PLACE, NEW YORK CITY, PROPOSED BLDG OUT
 PROJECT = 300 CONFIGURATION B
 SCALE = 300 REF. PRESSURE = 38.0
 GUST FACTOR = 1.32 ST. PRESSURE = 9.00
 NUMBER OF SIDES = 4 NO. OF FLOORS = 38

SIDE	ANGLE	2-AXIS	
1	41.4	3.800	
2	131.4	3.349	
3	221.4	3.800	
4	311.4	3.349	

FLOOR #	LABEL	HEIGHT-FT	WIND AZIMUTH	LOAD FACTOR
1	GRND	12.58	0	.39
2	1ST	9.67	10	.39
3	2ND	9.13	20	.40
4	3RD	10.17	30	.40
5	4TH	9.00	40	.59
6	5TH	9.00	50	.59
7	6TH	9.00	60	.71
8	7TH	9.00	70	.71
9	8TH	9.00	80	.65
10	9TH	9.00	90	.65
11	10TH	9.00	00	.65
12	11TH	9.00	10	.71
13	12TH	9.00	20	.71
14	13TH	9.00	30	.73
15	14TH	9.00	40	.90
16	15TH	9.00	50	.90
17	16TH	9.00	60	.95
18	17TH	9.00	70	.95
19	18TH	9.00	80	.95
20	19TH	9.00	90	.52
21	20TH	9.00	00	.52
22	21ST	9.00	10	.52
23	22ND	9.00	20	.38
24	23RD	9.00	30	.38
25	24TH	9.00	40	.40
26	25TH	9.00	50	.40
27	26TH	9.00	60	.43
28	27TH	9.00	70	.43
29	28TH	9.00	80	.51
30	29TH	9.00	90	.51
31	30TH	9.00	00	.46
32	31ST	9.00	10	.46
33	32ND	11.83	20	.39
34	33RD	14.13	30	.39
35	34TH	10.67	40	.39
36	35TH	8.67	50	.39
37	36TH	17.17	60	
38	37TH		70	
	38TH		80	
	39TH		90	
	40TH		00	
	41ST		10	
	42ND		20	
	43RD		30	
	44TH		40	
	45TH		50	
	46TH		60	
	47TH		70	
	48TH		80	
	49TH		90	
	50TH		00	
	51ST		10	
	52ND		20	
	53RD		30	
	54TH		40	
	55TH		50	
	56TH		60	
	57TH		70	
	58TH		80	
	59TH		90	
	60TH		00	
	61ST		10	
	62ND		20	
	63RD		30	
	64TH		40	
	65TH		50	
	66TH		60	
	67TH		70	
	68TH		80	
	69TH		90	
	70TH		00	
	71ST		10	
	72ND		20	
	73RD		30	
	74TH		40	
	75TH		50	
	76TH		60	
	77TH		70	
	78TH		80	
	79TH		90	
	80TH		00	
	81ST		10	
	82ND		20	
	83RD		30	
	84TH		40	
	85TH		50	
	86TH		60	
	87TH		70	
	88TH		80	
	89TH		90	
	90TH		00	
	91ST		10	
	92ND		20	
	93RD		30	
	94TH		40	
	95TH		50	
	96TH		60	
	97TH		70	
	98TH		80	
	99TH		90	
	100TH		00	

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	-.073	.124	.367	-.471	0	151	-.068	.152	.669	-.491	0	201	-.036	.110	.382	-.444
0	102	-.048	.122	.339	-.491	0	152	-.044	.114	.338	-.424	0	202	-.027	.111	.371	-.491
0	103	-.053	.132	.412	-.530	0	153	-.049	.094	.208	-.400	0	203	-.033	.113	.419	-.437
0	104	-.087	.153	.514	-.642	0	154	-.045	.102	.281	-.381	0	204	-.037	.114	.338	-.416
0	105	-.050	.161	.648	-.393	0	155	-.051	.106	.339	-.439	0	205	-.036	.120	.414	-.523
0	106	-.135	.168	.840	-.343	0	156	-.053	.114	.360	-.508	0	206	-.033	.119	.373	-.442
0	107	-.132	.168	.879	-.451	0	157	-.039	.120	.402	-.456	0	207	-.030	.122	.343	-.648
0	108	-.081	.120	.291	-.489	0	158	-.041	.122	.354	-.426	0	208	-.046	.124	.364	-.478
0	109	-.060	.116	.314	-.438	0	159	-.014	.148	.496	-.606	0	209	-.058	.138	.429	-.635
0	110	-.043	.127	.362	-.447	0	160	-.074	.176	.478	-.766	0	210	-.022	.122	.397	-.385
0	111	-.079	.153	.571	-.787	0	161	-.083	.172	.485	-.834	0	211	-.002	.123	.453	-.442
0	112	-.092	.172	.657	-.485	0	162	-.004	.150	.664	-.424	0	212	.010	.120	.453	-.418
0	113	-.122	.164	.745	-.398	0	163	.031	.151	.626	-.443	0	213	.010	.115	.410	-.406
0	114	-.022	.154	.646	-.555	0	164	.047	.144	.636	-.382	0	214	.011	.122	.456	-.436
0	115	-.005	.161	.609	-.590	0	165	.062	.138	.680	-.394	0	215	-.005	.125	.404	-.699
0	116	-.022	.170	.725	-.498	0	166	.065	.143	.633	-.476	0	216	-.028	.113	.343	-.421
0	117	-.071	.121	.303	-.524	0	167	.042	.146	.557	-.476	0	217	-.028	.128	.355	-.460
0	118	-.058	.121	.538	-.470	0	168	-.053	.116	.391	-.394	0	218	-.019	.114	.335	-.413
0	119	-.050	.121	.494	-.461	0	169	-.050	.121	.355	-.385	0	219	-.022	.117	.343	-.457
0	120	-.059	.134	.330	-.556	0	170	-.042	.111	.317	-.444	0	220	-.019	.114	.358	-.458
0	121	-.035	.124	.440	-.521	0	171	-.055	.127	.305	-.462	0	221	-.016	.113	.416	-.407
0	122	-.018	.138	.421	-.539	0	172	-.052	.116	.296	-.450	0	222	-.014	.118	.355	-.371
0	123	-.036	.141	.507	-.651	0	173	-.046	.119	.384	-.464	0	223	-.014	.120	.382	-.460
0	124	-.059	.152	.466	-.677	0	174	-.040	.122	.344	-.497	0	224	-.038	.113	.383	-.448
0	125	-.033	.160	.831	-.433	0	175	-.042	.141	.466	-.782	0	225	-.039	.122	.358	-.476
0	126	-.059	.165	.751	-.428	0	176	-.058	.148	.432	-.640	0	226	-.007	.121	.401	-.400
0	127	-.041	.170	.633	-.467	0	177	-.074	.148	.440	-.585	0	227	.003	.117	.426	-.398
0	128	-.038	.182	.663	-.739	0	178	-.024	.139	.525	-.517	0	228	.011	.115	.353	-.391
0	129	-.021	.154	.590	-.558	0	179	.008	.143	.498	-.509	0	229	.016	.112	.386	-.431
0	130	-.036	.157	.676	-.539	0	180	.045	.134	.526	-.333	0	230	.008	.113	.406	-.368
0	131	-.020	.168	.611	-.861	0	181	.054	.134	.564	-.471	0	231	-.008	.114	.326	-.422
0	132	-.024	.163	.890	-.518	0	182	.033	.129	.475	-.605	0	232	-.028	.112	.368	-.487
0	133	-.029	.150	.758	-.417	0	183	-.016	.132	.501	-.417	0	233	-.026	.115	.401	-.443
0	134	-.043	.119	.394	-.424	0	184	-.048	.113	.364	-.450	0	234	-.019	.107	.322	-.352
0	135	-.047	.112	.389	-.384	0	185	-.045	.116	.304	-.427	0	235	-.015	.119	.340	-.409
0	136	-.053	.114	.305	-.449	0	186	-.042	.116	.387	-.482	0	236	-.009	.113	.376	-.362
0	137	-.056	.115	.286	-.489	0	187	-.043	.118	.405	-.509	0	237	-.007	.115	.409	-.418
0	138	-.035	.120	.453	-.448	0	188	-.045	.107	.316	-.408	0	238	.004	.119	.397	-.415
0	139	-.050	.118	.382	-.433	0	189	-.047	.119	.319	-.450	0	239	.018	.117	.437	-.386
0	140	-.048	.120	.384	-.448	0	190	-.048	.119	.347	-.427	0	240	-.012	.117	.368	-.472
0	141	-.019	.127	.548	-.436	0	191	-.039	.127	.469	-.496	0	241	-.008	.117	.401	-.346
0	142	-.034	.134	.449	-.552	0	192	-.056	.135	.364	-.696	0	242	.001	.116	.417	-.362
0	143	-.021	.154	.673	-.687	0	193	-.069	.131	.322	-.561	0	243	.005	.121	.447	-.421
0	144	-.055	.160	.514	-.727	0	194	-.023	.124	.428	-.479	0	244	.009	.118	.429	-.365
0	145	-.080	.150	.467	-.794	0	195	.003	.126	.490	-.421	0	245	.001	.113	.314	-.458
0	146	-.040	.145	.663	-.396	0	196	.031	.129	.642	-.332	0	246	.001	.117	.398	-.377
0	147	-.069	.152	.683	-.362	0	197	.031	.128	.516	-.421	0	247	-.000	.113	.425	-.410
0	148	-.054	.150	.731	-.482	0	198	.021	.125	.452	-.373	0	248	-.041	.119	.409	-.430
0	149	-.073	.143	.643	-.319	0	199	-.006	.116	.363	-.515	0	249	-.060	.123	.351	-.596
0	150	-.070	.151	.620	-.610	0	200	-.038	.117	.340	-.508	0	250	-.059	.125	.363	-.515

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	251	.013	.118	.487	-.457	0	332	-.051	.113	.323	-.544	0	411	-.094	.119	.256	-.527
0	252	-.009	.112	.354	-.368	0	333	-.050	.129	.435	-.553	0	412	-.107	.134	.334	-.557
0	253	-.026	.115	.385	-.431	0	334	-.048	.116	.381	-.423	0	413	-.086	.117	.248	-.600
0	254	-.033	.122	.356	-.479	0	335	-.041	.110	.303	-.523	0	414	-.081	.122	.361	-.494
0	255	-.037	.124	.341	-.535	0	336	-.040	.114	.300	-.468	0	415	-.134	.131	.278	-.549
0	256	-.003	.118	.406	-.423	0	337	-.041	.110	.346	-.457	0	416	-.136	.132	.208	-.675
0	257	.013	.117	.478	-.365	0	338	-.043	.117	.412	-.400	0	417	-.104	.130	.322	-.614
0	258	.016	.108	.368	-.399	0	339	-.039	.120	.387	-.384	0	418	-.104	.136	.267	-.677
0	259	.007	.119	.402	-.420	0	340	-.029	.111	.378	-.431	0	419	-.069	.122	.256	-.678
0	260	.020	.118	.502	-.395	0	341	-.031	.127	.361	-.638	0	420	-.060	.130	.362	-.647
0	261	.014	.110	.368	-.356	0	342	-.027	.113	.340	-.400	0	421	-.058	.125	.392	-.522
0	262	.018	.115	.397	-.457	0	343	-.029	.117	.332	-.466	0	422	-.061	.119	.361	-.546
0	263	.010	.116	.422	-.339	0	344	-.028	.112	.345	-.448	0	423	-.067	.118	.397	-.497
0	264	.017	.110	.402	-.358	0	345	-.022	.113	.424	-.381	0	424	-.069	.117	.314	-.485
0	265	.018	.119	.350	-.367	0	346	-.023	.114	.303	-.378	0	425	-.069	.117	.289	-.475
0	266	.032	.112	.439	-.364	0	347	-.024	.108	.360	-.387	0	426	-.067	.128	.405	-.455
0	267	.035	.106	.433	-.334	0	348	-.019	.109	.388	-.403	0	427	-.204	.162	378	-1.122
0	268	.026	.123	.487	-.351	0	349	-.021	.114	.355	-.425	0	428	-.191	.154	.286	-1.244
0	269	.010	.118	.424	-.447	0	350	-.038	.117	.394	-.438	0	429	-.164	.142	.295	-.715
0	301	-.097	.115	.302	-.521	0	351	-.029	.113	.375	-.458	0	430	-.122	.127	.241	-.545
0	302	.096	.129	.314	-.689	0	352	-.038	.109	.311	-.498	0	431	-.103	.127	.342	-.529
0	303	.102	.115	.291	-.544	0	353	-.035	.117	.384	-.470	0	432	-.106	.120	.294	-.603
0	304	.087	.117	.260	-.612	0	354	-.046	.122	.366	-.479	0	433	-.083	.111	.295	-.411
0	305	.098	.119	.282	-.528	0	355	-.033	.122	.336	-.476	0	434	-.058	.106	.358	-.492
0	306	.098	.128	.282	-.587	0	356	-.033	.119	.346	-.473	0	435	-.062	.110	.294	-.406
0	307	.067	.120	.363	-.455	0	357	-.032	.120	.370	-.438	0	436	-.057	.106	.262	-.419
0	308	.067	.112	.276	-.503	0	358	-.033	.114	.307	-.525	0	437	-.062	.107	.327	-.430
0	309	.065	.104	.293	-.422	0	359	-.033	.121	.354	-.476	0	438	-.058	.105	.270	-.445
0	310	.074	.120	.384	-.475	0	360	-.037	.121	.492	-.434	0	439	-.058	.107	.292	-.385
0	311	.065	.123	.436	-.498	0	361	-.038	.112	.373	-.399	0	440	-.055	.107	.275	-.483
0	312	.077	.121	.366	-.438	0	362	-.039	.115	.372	-.500	0	441	-.056	.109	.332	-.393
0	313	.055	.118	.396	-.449	0	363	-.023	.111	.378	-.352	0	442	-.044	.106	.335	-.441
0	314	.065	.120	.354	-.518	0	364	-.030	.111	.334	-.398	0	443	-.043	.107	.291	-.377
0	315	.057	.121	.322	-.504	0	365	-.033	.116	.318	-.396	0	444	-.050	.106	.329	-.392
0	316	.052	.117	.292	-.466	0	366	-.024	.111	.387	-.425	0	445	-.183	.112	.180	-.604
0	317	.053	.114	.307	-.457	0	367	-.030	.107	.384	-.423	0	446	-.192	.113	.091	-.695
0	318	.056	.116	.329	-.457	0	368	-.039	.123	.418	-.503	0	447	-.130	.126	.295	-.826
0	319	.049	.112	.339	-.429	0	369	-.040	.119	.348	-.483	0	448	-.099	.118	.310	-.536
0	320	.056	.117	.327	-.485	0	370	-.042	.108	.330	-.396	0	449	-.086	.121	.290	-.465
0	321	.050	.125	.371	-.474	0	371	-.039	.119	.349	-.495	0	450	-.073	.121	.324	-.458
0	322	.048	.123	.380	-.499	0	401	-.194	.147	.298	-.805	0	451	-.066	.124	.308	-.445
0	323	.050	.117	.272	-.457	0	402	-.159	.133	.251	-.641	0	452	-.052	.127	.389	-.463
0	324	.048	.114	.335	-.445	0	403	-.128	.134	.300	-.639	0	453	-.057	.116	.272	-.496
0	325	.055	.113	.377	-.585	0	404	-.111	.129	.305	-.719	0	454	-.062	.117	.277	-.496
0	326	.051	.109	.343	-.479	0	405	-.125	.128	.340	-.533	0	455	-.059	.115	.415	-.478
0	327	.053	.111	.391	-.440	0	406	-.098	.127	.276	-.594	0	456	-.060	.116	.367	-.401
0	328	.058	.113	.336	-.445	0	407	-.086	.118	.340	-.591	0	457	-.057	.119	.333	-.483
0	329	.055	.120	.357	-.512	0	408	-.197	.151	.264	-.821	0	458	-.046	.124	.376	-.408
0	330	.049	.118	.378	-.486	0	409	-.162	.150	.276	-.767	0	459	-.044	.112	.268	-.445
0	331	.056	.114	.300	-.466	0	410	-.102	.129	.356	-.483	0	460	-.055	.126	.313	-.444

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	461	- .134	.140	.289	- .630	0	511	- .044	.113	.299	- .449	0	561	- .015	.112	.314	- .473
0	462	- .144	.131	.219	- .661	0	512	- .038	.122	.349	- .534	0	562	- .009	.117	.359	- .413
0	463	- .105	.126	.292	- .552	0	513	- .035	.110	.305	- .421	0	601	- .112	.213	.593	- .883
0	464	- .104	.130	.358	- .671	0	514	- .028	.120	.333	- .434	0	602	- .089	.171	.468	- .861
0	465	- .060	.119	.324	- .507	0	515	- .025	.121	.352	- .418	0	603	- .092	.131	.458	- .669
0	466	- .047	.121	.336	- .515	0	516	- .025	.117	.373	- .420	0	604	- .062	.143	.449	- .765
0	467	- .048	.113	.342	- .466	0	517	- .024	.110	.436	- .418	0	605	- .157	.230	.621	- 1.030
0	468	- .044	.122	.334	- .473	0	518	- .026	.118	.339	- .457	0	606	- .105	.168	.406	- .946
0	469	- .053	.118	.315	- .462	0	519	- .029	.115	.378	- .384	0	607	- .114	.138	.301	- .761
0	470	- .057	.117	.336	- .501	0	520	- .029	.120	.389	- .457	0	608	- .110	.135	.474	- .535
0	471	- .063	.114	.367	- .600	0	521	- .027	.115	.384	- .389	0	609	- .106	.145	.467	- .708
0	472	- .060	.123	.320	- .492	0	522	- .020	.108	.284	- .410	0	610	- .093	.132	.367	- .608
0	473	- .059	.120	.386	- .424	0	523	- .022	.113	.416	- .360	0	611	- .057	.202	.626	- 1.261
0	474	- .053	.122	.323	- .481	0	524	- .029	.109	.368	- .368	0	612	- .021	.172	.556	- .705
0	475	- .052	.117	.373	- .418	0	525	- .042	.108	.363	- .357	0	613	- .026	.150	.525	- .750
0	476	- .049	.111	.261	- .466	0	526	- .037	.101	.328	- .355	0	614	- .045	.145	.501	- .680
0	477	- .110	.133	.371	- .765	0	527	- .044	.104	.284	- .359	0	615	- .089	.127	.331	- .742
0	478	- .130	.131	.281	- .876	0	528	- .037	.107	.317	- .417	0	616	- .052	.188	.659	- .719
0	479	- .105	.130	.308	- .757	0	529	- .031	.103	.338	- .357	0	617	- .069	.188	.595	- .800
0	480	- .070	.113	.329	- .497	0	530	- .025	.103	.304	- .330	0	618	- .031	.146	.528	- .807
0	481	- .053	.114	.345	- .452	0	531	- .019	.106	.341	- .347	0	619	- .059	.121	.362	- .497
0	482	- .039	.112	.324	- .439	0	532	- .019	.105	.352	- .434	0	620	- .083	.124	.359	- .577
0	483	- .040	.108	.334	- .356	0	533	- .022	.106	.362	- .389	0	621	- .078	.178	.553	- .905
0	484	- .033	.107	.318	- .394	0	534	- .019	.104	.383	- .380	0	622	- .068	.174	.470	- 1.074
0	485	- .040	.108	.331	- .338	0	535	- .021	.110	.355	- .404	0	623	- .055	.148	.460	- .723
0	486	- .048	.107	.305	- .460	0	536	- .023	.108	.338	- .362	0	624	- .068	.135	.335	- .871
0	487	- .055	.110	.341	- .423	0	537	- .020	.099	.291	- .343	0	625	- .090	.134	.361	- .553
0	488	- .046	.111	.321	- .517	0	538	- .017	.103	.229	- .410	0	626	- .087	.153	.493	- .735
0	489	- .046	.111	.339	- .421	0	539	- .017	.111	.376	- .457	0	627	- .086	.158	.351	- .737
0	490	- .045	.109	.320	- .390	0	540	- .015	.110	.334	- .384	0	628	- .059	.141	.402	- .681
0	491	- .044	.099	.277	- .410	0	541	- .034	.107	.381	- .420	0	629	- .063	.124	.370	- .569
0	492	- .047	.103	.290	- .442	0	542	- .033	.110	.315	- .422	0	630	- .077	.125	.313	- .566
0	493	- .075	.120	.307	- .678	0	543	- .037	.117	.307	- .518	0	631	- .068	.147	.340	- .644
0	494	- .070	.116	.297	- .502	0	544	- .034	.112	.394	- .386	0	632	- .088	.136	.284	- .646
0	495	- .076	.119	.283	- .500	0	545	- .036	.107	.277	- .483	0	633	- .052	.127	.409	- .504
0	496	- .061	.120	.301	- .579	0	546	- .036	.112	.268	- .432	0	634	- .051	.120	.340	- .416
0	497	- .043	.121	.320	- .478	0	547	- .034	.113	.354	- .422	0	635	- .064	.120	.268	- .529
0	498	- .033	.125	.418	- .478	0	548	- .010	.109	.459	- .425	0	636	- .065	.121	.300	- .512
0	499	- .032	.116	.301	- .453	0	549	- .009	.102	.374	- .337	0	637	- .063	.124	.324	- .603
0	500	- .032	.117	.320	- .471	0	550	- .033	.071	.202	- .262	0	638	- .048	.116	.335	- .600
0	501	- .036	.114	.426	- .423	0	551	- .030	.106	.323	- .379	0	639	- .038	.126	.351	- .569
0	502	- .034	.116	.378	- .386	0	552	- .029	.101	.312	- .346	0	640	- .048	.110	.300	- .414
0	503	- .039	.118	.326	- .453	0	553	- .029	.110	.348	- .370	0	641	- .061	.133	.321	- .515
0	504	- .032	.125	.383	- .418	0	554	- .026	.108	.370	- .384	0	642	- .050	.133	.319	- .659
0	505	- .027	.114	.276	- .428	0	555	- .030	.106	.301	- .439	0	643	- .030	.112	.343	- .421
0	506	- .032	.124	.333	- .423	0	556	- .018	.112	.371	- .420	0	644	- .035	.108	.402	- .425
0	507	- .025	.118	.350	- .423	0	557	- .019	.120	.370	- .442	0	645	- .036	.119	.337	- .449
0	508	- .031	.114	.344	- .394	0	558	- .013	.118	.323	- .472	0	646	- .030	.120	.352	- .489
0	509	- .049	.118	.320	- .404	0	559	- .011	.115	.331	- .419	0	647	- .022	.093	.327	- .409
0	510	- .061	.119	.341	- .470	0	560	- .011	.115	.400	- .390	0	648	- .032	.107	.373	- .448

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	649	-013	108	320	-375	10	102	-026	122	361	-473	10	152	-035	108	318	-425
0	650	-041	123	324	-370	10	103	-014	115	365	-429	10	153	-032	093	282	-306
0	651	-027	113	387	-398	10	104	-081	162	442	-892	10	154	-019	108	311	-370
0	801	-014	106	287	-438	10	105	-097	150	737	-470	10	155	-025	117	430	-396
0	802	-014	112	290	-417	10	106	-155	172	829	-356	10	156	-026	113	335	-456
0	803	-013	112	374	-393	10	107	-172	167	870	-324	10	157	-013	111	367	-377
0	804	-012	115	460	-449	10	108	-061	117	318	-468	10	158	-008	116	442	-396
0	805	-014	113	451	-386	10	109	-043	121	391	-462	10	159	-034	122	442	-429
0	806	-012	108	403	-339	10	110	-011	124	447	-472	10	160	-002	132	420	-511
0	807	-002	120	358	-420	10	111	-043	134	454	-578	10	161	-022	134	460	-627
0	901	-075	114	320	-422	10	112	-172	172	916	-292	10	162	-061	141	599	-451
0	902	-054	112	295	-428	10	113	-132	153	756	-309	10	163	-106	142	648	-313
0	903	-071	123	382	-453	10	114	-012	131	631	-366	10	164	-122	139	717	-307
0	904	-082	125	325	-661	10	115	-031	154	802	-519	10	165	-111	129	588	-324
0	905	-083	119	382	-504	10	116	-002	149	897	-503	10	166	-110	142	647	-319
0	906	-007	126	531	-517	10	117	-048	116	378	-432	10	167	-062	141	626	-390
0	907	-049	120	303	-454	10	118	-038	130	342	-445	10	168	-038	107	399	-374
0	908	-035	122	367	-441	10	119	-025	115	450	-397	10	169	-035	111	337	-396
0	909	-082	132	306	-561	10	120	-032	118	367	-400	10	170	-016	115	480	-356
0	910	-132	129	342	-636	10	121	-018	123	402	-407	10	171	-015	114	390	-399
0	911	-062	143	681	-397	10	122	-003	118	410	-357	10	172	-007	116	463	-438
0	912	-093	130	338	-580	10	123	-005	118	447	-386	10	173	-009	131	378	-414
0	913	-014	145	694	-493	10	124	-031	129	480	-492	10	174	-009	116	349	-369
0	914	-043	131	445	-414	10	125	-101	142	643	-413	10	175	-024	131	450	-414
0	915	-059	123	364	-436	10	126	-127	152	694	-326	10	176	-003	133	478	-652
0	916	-047	108	292	-398	10	127	-127	165	777	-442	10	177	-016	136	413	-464
0	917	-067	109	294	-400	10	128	-052	172	693	-592	10	178	-060	128	469	-305
0	918	-059	119	436	-470	10	129	-033	148	544	-407	10	179	-092	141	605	-301
0	919	-043	122	347	-540	10	130	-045	150	785	-506	10	180	-091	136	645	-380
0	920	-061	123	324	-453	10	131	-016	148	611	-571	10	181	-098	136	652	-324
0	921	-022	122	424	-522	10	132	-014	135	621	-429	10	182	-073	134	568	-336
0	922	-082	131	314	-528	10	133	-030	132	567	-405	10	183	-037	128	539	-374
0	923	-052	146	473	-777	10	134	-043	114	340	-440	10	184	-039	114	372	-405
0	924	-013	122	552	-434	10	135	-041	116	369	-475	10	185	-034	119	335	-423
0	925	-007	110	432	-350	10	136	-040	117	350	-424	10	186	-010	113	466	-414
0	926	-007	115	441	-437	10	137	-034	114	349	-543	10	187	-012	112	392	-386
0	927	-016	117	419	-333	10	138	-023	115	425	-440	10	188	-006	111	349	-442
0	928	-013	111	385	-346	10	139	-039	119	305	-505	10	189	-001	116	429	-369
0	929	-012	123	385	-369	10	140	-021	116	419	-383	10	190	-008	116	404	-406
0	930	-025	118	445	-388	10	141	-006	115	444	-355	10	191	-026	119	524	-314
0	931	-024	107	400	-340	10	142	-022	119	438	-389	10	192	-004	124	387	-467
0	932	-016	126	496	-418	10	143	-041	143	551	-511	10	193	-006	124	362	-555
0	933	-016	118	416	-470	10	144	-009	134	483	-469	10	194	-046	131	533	-350
0	934	-044	120	461	-324	10	145	-036	146	572	-819	10	195	-060	139	699	-384
0	935	-012	126	399	-404	10	146	-083	143	817	-332	10	196	-062	120	518	-335
0	936	-029	111	393	-404	10	147	-106	141	669	-279	10	197	-056	127	532	-324
0	937	-060	115	301	-569	10	148	-131	154	812	-320	10	198	-046	120	501	-344
0	938	-053	118	397	-546	10	149	-133	163	922	-346	10	199	-017	120	438	-357
0	939	-081	126	285	-606	10	150	-108	149	846	-306	10	200	-030	123	381	-406
10	101	-044	115	471	-418	10	151	-094	150	607	-345	10	201	-023	120	420	-424

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	202	-.009	.111	.364	-.402	10	252	-.002	.116	.386	-.449	10	333	-.055	.107	.324	-.448
10	203	-.008	.108	.410	-.446	10	253	-.024	.114	.314	-.423	10	334	-.051	.106	.343	-.446
10	204	-.003	.107	.330	-.375	10	254	-.018	.123	.351	-.519	10	335	-.033	.106	.350	-.418
10	205	-.005	.114	.373	-.414	10	255	-.018	.111	.350	-.373	10	336	-.038	.107	.327	-.402
10	206	-.007	.101	.348	-.367	10	256	-.010	.112	.387	-.304	10	337	-.046	.117	.333	-.511
10	207	-.024	.115	.423	-.421	10	257	-.017	.118	.383	-.401	10	338	-.041	.112	.391	-.586
10	208	-.006	.127	.470	-.469	10	258	-.012	.110	.365	-.355	10	339	-.047	.113	.312	-.432
10	209	-.005	.127	.455	-.409	10	259	-.005	.117	.481	-.398	10	340	-.032	.116	.342	-.479
10	210	-.034	.116	.495	-.367	10	260	-.020	.119	.390	-.389	10	341	-.030	.113	.387	-.400
10	211	-.034	.107	.402	-.330	10	261	-.000	.118	.447	-.371	10	342	-.032	.111	.337	-.421
10	212	-.050	.116	.523	-.339	10	262	-.001	.118	.360	-.373	10	343	-.038	.126	.336	-.466
10	213	-.044	.123	.429	-.386	10	263	-.021	.109	.390	-.319	10	344	-.041	.114	.309	-.597
10	214	-.026	.116	.541	-.361	10	264	-.044	.114	.481	-.319	10	345	-.025	.113	.344	-.561
10	215	-.000	.117	.372	-.392	10	265	-.041	.123	.480	-.367	10	346	-.025	.112	.363	-.431
10	216	-.031	.119	.330	-.403	10	266	-.055	.131	.523	-.371	10	347	-.023	.108	.387	-.349
10	217	-.021	.114	.395	-.394	10	267	-.038	.115	.492	-.325	10	348	-.025	.118	.350	-.435
10	218	-.000	.110	.408	-.327	10	268	-.023	.123	.444	-.365	10	349	-.026	.121	.347	-.390
10	219	-.004	.128	.392	-.389	10	269	-.004	.121	.429	-.465	10	350	-.030	.115	.393	-.494
10	220	-.006	.111	.350	-.334	10	301	-.081	.111	.280	-.441	10	351	-.032	.119	.387	-.379
10	221	-.010	.117	.382	-.347	10	302	-.086	.123	.300	-.603	10	352	-.033	.109	.301	-.458
10	222	-.019	.112	.383	-.352	10	303	-.093	.130	.285	-.561	10	353	-.036	.113	.304	-.442
10	223	-.021	.115	.417	-.359	10	304	-.073	.134	.318	-.755	10	354	-.037	.119	.347	-.514
10	224	-.020	.115	.392	-.409	10	305	-.094	.123	.323	-.552	10	355	-.022	.108	.338	-.379
10	225	-.016	.123	.407	-.415	10	306	-.080	.116	.389	-.476	10	356	-.015	.112	.347	-.414
10	226	-.029	.116	.392	-.374	10	307	-.080	.132	.375	-.455	10	357	-.019	.122	.373	-.404
10	227	-.035	.112	.370	-.358	10	308	-.056	.119	.384	-.423	10	358	-.024	.117	.406	-.405
10	228	-.038	.120	.429	-.324	10	309	-.071	.103	.241	-.432	10	359	-.006	.111	.398	-.383
10	229	-.035	.121	.472	-.364	10	310	-.062	.135	.405	-.572	10	360	-.001	.118	.401	-.373
10	230	-.019	.111	.413	-.359	10	311	-.019	.120	.413	-.444	10	361	-.014	.116	.416	-.380
10	231	-.005	.116	.355	-.359	10	312	-.022	.112	.350	-.507	10	362	-.038	.114	.379	-.317
10	232	-.022	.108	.395	-.387	10	313	-.056	.111	.341	-.504	10	363	-.051	.107	.418	-.317
10	233	-.019	.107	.361	-.346	10	314	-.059	.123	.393	-.452	10	364	-.060	.111	.477	-.295
10	234	-.001	.106	.348	-.400	10	315	-.048	.113	.342	-.392	10	365	-.078	.116	.505	-.281
10	235	-.009	.110	.435	-.334	10	316	-.046	.115	.338	-.508	10	366	-.092	.124	.565	-.324
10	236	-.017	.113	.385	-.352	10	317	-.047	.111	.312	-.396	10	367	-.079	.110	.438	-.274
10	237	-.026	.115	.460	-.322	10	318	-.059	.123	.407	-.572	10	368	-.077	.120	.609	-.286
10	238	-.036	.114	.391	-.336	10	319	-.060	.119	.349	-.524	10	369	-.085	.115	.530	-.333
10	239	-.047	.110	.398	-.349	10	320	-.045	.119	.387	-.469	10	370	-.080	.108	.428	-.261
10	240	-.027	.120	.476	-.327	10	321	-.039	.115	.360	-.422	10	371	-.077	.114	.444	-.314
10	241	-.016	.126	.525	-.412	10	322	-.043	.119	.340	-.619	10	401	-.131	.129	.202	-.611
10	242	-.009	.113	.426	-.412	10	323	-.044	.115	.378	-.420	10	402	-.118	.119	.414	-.494
10	243	-.008	.113	.357	-.377	10	324	-.038	.123	.367	-.472	10	403	-.083	.122	.340	-.555
10	244	-.015	.114	.382	-.371	10	325	-.048	.126	.330	-.622	10	404	-.074	.128	.317	-.582
10	245	-.008	.110	.360	-.317	10	326	-.050	.110	.302	-.432	10	405	-.074	.122	.384	-.525
10	246	-.003	.123	.436	-.387	10	327	-.052	.109	.360	-.514	10	406	-.061	.108	.303	-.470
10	247	-.007	.123	.366	-.421	10	328	-.047	.108	.304	-.390	10	407	-.074	.114	.261	-.416
10	248	-.030	.112	.361	-.444	10	329	-.051	.117	.311	-.571	10	408	-.110	.125	.287	-.585
10	249	-.039	.118	.350	-.495	10	330	-.050	.105	.312	-.482	10	409	-.105	.141	.324	-.668
10	250	-.051	.127	.401	-.712	10	331	-.048	.115	.403	-.539	10	410	-.070	.112	.281	-.572
10	251	-.013	.129	.505	-.416	10	332	-.046	.119	.274	-.479	10	411	-.061	.113	.255	-.522

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	412	-076	114	319	-453	10	462	-060	110	301	-499	10	512	-039	107	356	-381
10	413	-062	116	289	-490	10	463	-056	115	297	-499	10	513	-038	108	304	-350
10	414	-050	118	344	-449	10	464	-051	121	352	-454	10	514	-030	103	307	-387
10	415	-053	116	331	-491	10	465	-050	116	282	-458	10	515	-021	115	347	-420
10	416	-052	109	302	-487	10	466	-045	108	353	-445	10	516	-011	109	337	-347
10	417	-050	105	306	-441	10	467	-040	108	300	-391	10	517	-014	111	389	-403
10	418	-063	119	350	-534	10	468	-037	101	305	-413	10	518	-019	102	330	-415
10	419	-054	130	426	-610	10	469	-038	117	317	-435	10	519	-016	115	397	-497
10	420	-061	122	283	-589	10	470	-032	107	317	-337	10	520	-014	115	367	-372
10	421	-045	117	375	-435	10	471	-033	112	348	-419	10	521	-015	115	376	-350
10	422	-046	119	327	-556	10	472	-032	104	336	-432	10	522	-016	106	443	-370
10	423	-044	123	338	-586	10	473	-029	119	377	-516	10	523	-019	108	296	-395
10	424	-038	117	343	-377	10	474	-030	117	340	-387	10	524	-016	114	336	-374
10	425	-042	117	355	-467	10	475	-036	117	378	-462	10	525	-048	112	366	-448
10	426	-048	126	389	-492	10	476	-037	109	429	-384	10	526	-035	115	314	-474
10	427	-082	124	374	-516	10	477	-068	123	270	-616	10	527	-041	107	287	-493
10	428	-078	125	343	-555	10	478	-066	124	262	-560	10	528	-035	112	374	-522
10	429	-060	116	316	-518	10	479	-062	118	320	-539	10	529	-033	121	346	-450
10	430	-052	109	372	-408	10	480	-058	125	337	-512	10	530	-020	113	377	-355
10	431	-048	114	279	-567	10	481	-050	109	291	-400	10	531	-017	111	349	-397
10	432	-048	117	282	-401	10	482	-042	116	364	-561	10	532	-010	110	364	-381
10	433	-053	113	312	-604	10	483	-041	120	348	-436	10	533	-015	105	316	-451
10	434	-043	121	301	-452	10	484	-028	111	379	-355	10	534	-020	107	337	-332
10	435	-043	111	269	-675	10	485	-033	112	332	-407	10	535	-016	118	331	-371
10	436	-036	112	382	-493	10	486	-034	111	348	-416	10	536	-014	106	345	-334
10	437	-049	119	373	-488	10	487	-033	103	298	-417	10	537	-009	113	340	-441
10	438	-042	114	386	-415	10	488	-032	105	310	-356	10	538	-012	113	377	-364
10	439	-038	111	301	-388	10	489	-024	116	327	-391	10	539	-016	113	412	-398
10	440	-037	110	349	-432	10	490	-027	107	365	-374	10	540	-013	112	360	-332
10	441	-037	104	288	-437	10	491	-027	114	336	-465	10	541	-088	117	463	-320
10	442	-034	103	291	-320	10	492	-035	117	337	-416	10	542	-072	109	474	-256
10	443	-028	110	313	-411	10	493	-052	121	366	-560	10	543	-080	102	452	-298
10	444	-031	104	348	-336	10	494	-059	111	329	-426	10	544	-085	120	469	-289
10	445	-057	113	295	-519	10	495	-058	109	290	-391	10	545	-096	108	508	-253
10	446	-061	095	248	-431	10	496	-054	115	274	-423	10	546	-096	112	489	-280
10	447	-048	107	311	-418	10	497	-038	112	426	-421	10	547	-094	125	521	-323
10	448	-057	106	296	-383	10	498	-038	124	393	-493	10	548	-013	110	406	-394
10	449	-050	108	302	-411	10	499	-030	113	395	-390	10	549	-015	096	334	-434
10	450	-048	115	304	-414	10	500	-022	115	344	-370	10	550	-034	089	211	-289
10	451	-035	112	435	-413	10	501	-026	117	370	-500	10	551	-036	113	413	-354
10	452	-039	124	385	-456	10	502	-026	107	293	-410	10	552	-033	108	270	-419
10	453	-040	114	353	-449	10	503	-024	112	429	-384	10	553	-038	113	400	-387
10	454	-039	115	343	-395	10	504	-028	113	329	-395	10	554	-024	119	397	-382
10	455	-036	117	395	-574	10	505	-019	116	407	-497	10	555	-021	111	509	-378
10	456	-034	107	282	-454	10	506	-024	109	356	-418	10	556	-016	112	318	-359
10	457	-030	109	391	-359	10	507	-019	107	395	-448	10	557	-012	118	357	-519
10	458	-036	113	342	-404	10	508	-024	109	330	-411	10	558	-008	107	331	-359
10	459	-029	117	409	-493	10	509	-050	121	349	-522	10	559	-011	110	380	-350
10	460	-037	112	355	-411	10	510	-049	123	334	-503	10	560	-016	116	357	-419
10	461	-062	107	302	-467	10	511	-046	115	313	-428	10	561	-008	116	377	-375

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	562	-.006	.109	.367	-.375	10	650	-.048	.112	.383	-.440	20	103	-.012	.124	.503	-.462
10	601	-.184	.204	.481	-1.100	10	651	-.031	.125	.379	-.422	20	104	-.074	.160	.472	-.686
10	602	-.120	.170	.422	-.833	10	801	-.002	.113	.452	-.378	20	105	.108	.162	.625	-.388
10	603	-.103	.136	.304	-.626	10	802	-.013	.114	.380	-.384	20	106	.168	.174	.839	-.342
10	604	-.074	.142	.429	-.840	10	803	-.010	.127	.419	-.430	20	107	.224	.174	.920	-.353
10	605	-.176	.215	.483	-1.077	10	804	-.007	.115	.420	-.407	20	108	-.061	.118	.315	-.512
10	606	-.114	.160	.324	-.775	10	805	-.016	.108	.345	-.484	20	109	-.038	.123	.430	-.507
10	607	-.116	.150	.438	-.714	10	806	-.024	.123	.368	-.620	20	110	-.014	.120	.392	-.416
10	608	-.069	.130	.362	-.641	10	807	-.005	.126	.456	-.601	20	111	-.040	.138	.454	-.539
10	609	-.064	.129	.391	-.470	10	901	-.050	.112	.317	-.522	20	112	.187	.167	1.007	-.290
10	610	-.063	.127	.465	-.503	10	902	-.046	.117	.371	-.473	20	113	.160	.157	.764	-.324
10	611	-.125	.174	.419	-1.140	10	903	-.064	.124	.436	-.565	20	114	-.011	.125	.631	-.460
10	612	-.088	.163	.447	-.747	10	904	-.060	.130	.402	-.429	20	115	-.021	.153	.677	-.640
10	613	-.068	.148	.411	-.674	10	905	-.060	.121	.286	-.590	20	116	-.029	.152	.570	-.573
10	614	-.060	.129	.330	-.600	10	906	-.023	.138	.489	-.441	20	117	-.047	.128	.370	-.497
10	615	-.083	.129	.288	-.884	10	907	-.034	.113	.335	-.366	20	118	-.026	.117	.791	-.487
10	616	-.130	.158	.468	-.818	10	908	-.036	.124	.333	-.479	20	119	-.020	.128	.405	-.417
10	617	-.129	.166	.331	-.668	10	909	-.058	.128	.335	-.725	20	120	-.020	.114	.311	-.464
10	618	-.074	.144	.425	-.662	10	910	-.121	.128	.344	-.609	20	121	-.012	.116	.371	-.440
10	619	-.052	.124	.370	-.498	10	911	-.071	.137	.517	-.409	20	122	-.017	.119	.412	-.552
10	620	-.047	.120	.405	-.446	10	912	-.081	.120	.295	-.486	20	123	-.013	.130	.452	-.645
10	621	-.126	.133	.499	-.964	10	913	-.017	.125	.431	-.415	20	124	-.008	.150	.598	-.607
10	622	-.124	.135	.282	-.668	10	914	-.041	.115	.418	-.460	20	125	.171	.148	.731	-.258
10	623	-.094	.134	.281	-.671	10	915	-.048	.125	.414	-.532	20	126	.200	.180	.864	-.340
10	624	-.057	.121	.420	-.610	10	916	-.038	.111	.392	-.465	20	127	.217	.187	.962	-.417
10	625	-.069	.130	.393	-.522	10	917	-.053	.111	.334	-.504	20	128	.061	.165	.811	-.640
10	626	-.101	.134	.276	-.684	10	918	-.047	.109	.324	-.426	20	129	.062	.147	.554	-.446
10	627	-.108	.131	.305	-.557	10	919	-.036	.118	.367	-.434	20	130	-.072	.149	.614	-.523
10	628	-.081	.134	.379	-.645	10	920	-.047	.124	.345	-.522	20	131	-.033	.162	.511	-.635
10	629	-.056	.115	.285	-.655	10	921	-.005	.123	.449	-.403	20	132	-.032	.129	.442	-.376
10	630	-.063	.123	.393	-.692	10	922	-.081	.128	.316	-.568	20	133	-.047	.132	.483	-.373
10	631	-.107	.130	.301	-.647	10	923	-.088	.153	.391	-.671	20	134	-.046	.123	.500	-.453
10	632	-.087	.136	.328	-.572	10	924	-.008	.121	.409	-.393	20	135	-.035	.115	.365	-.393
10	633	-.077	.126	.335	-.763	10	925	-.027	.116	.405	-.330	20	136	-.021	.118	.407	-.402
10	634	-.053	.109	.302	-.488	10	926	-.029	.120	.423	-.342	20	137	-.009	.116	.356	-.389
10	635	-.053	.109	.312	-.532	10	927	-.034	.108	.373	-.267	20	138	-.000	.116	.389	-.476
10	636	-.076	.122	.336	-.512	10	928	-.052	.115	.472	-.305	20	139	-.012	.119	.395	-.430
10	637	-.079	.131	.325	-.570	10	929	-.057	.126	.488	-.369	20	140	-.007	.119	.452	-.425
10	638	-.063	.121	.323	-.515	10	930	-.071	.140	.547	-.397	20	141	-.038	.119	.493	-.395
10	639	-.049	.110	.352	-.549	10	931	-.033	.115	.417	-.333	20	142	.044	.121	.456	-.345
10	640	-.053	.115	.295	-.536	10	932	-.028	.122	.527	-.321	20	143	.105	.137	.600	-.332
10	641	-.069	.116	.302	-.559	10	933	-.048	.118	.483	-.374	20	144	.006	.153	.631	-.649
10	642	-.056	.124	.328	-.560	10	934	-.057	.119	.534	-.312	20	145	-.021	.159	.689	-.689
10	643	-.030	.107	.312	-.364	10	935	-.023	.121	.447	-.418	20	146	.177	.155	.830	-.248
10	644	-.028	.113	.370	-.411	10	936	-.030	.122	.415	-.424	20	147	.162	.153	.836	-.286
10	645	-.032	.103	.318	-.454	10	937	-.042	.131	.316	-.517	20	148	.199	.167	.837	-.283
10	646	-.044	.128	.348	-.559	10	938	-.082	.115	.321	-.579	20	149	.205	.158	.823	-.235
10	647	-.036	.111	.300	-.406	10	939	-.066	.117	.404	-.457	20	150	.170	.156	.775	-.409
10	648	-.029	.121	.310	-.647	10	101	-.046	.114	.398	-.427	20	151	.143	.149	.957	-.248
10	649	-.023	.113	.367	-.378	10	102	-.024	.116	.372	-.379	20	152	-.043	.124	.382	-.571

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	153	- .025	.095	.251	- .363	20	203	.013	.116	.401	- .325	20	253	- .014	.113	.387	- .456
20	154	.005	.106	.337	- .332	20	204	.031	.112	.416	- .321	20	254	.002	.113	.374	- .363
20	155	.004	.111	.417	- .357	20	205	.036	.109	.497	- .270	20	255	.003	.110	.423	- .350
20	156	.005	.123	.436	- .378	20	206	.050	.116	.403	- .355	20	256	.040	.113	.433	- .307
20	157	.014	.128	.451	- .567	20	207	.085	.121	.577	- .331	20	257	.049	.123	.446	- .417
20	158	.041	.117	.479	- .364	20	208	.065	.121	.527	- .317	20	258	.017	.108	.339	- .359
20	159	.083	.123	.569	- .275	20	209	.058	.125	.517	- .361	20	259	.019	.108	.335	- .358
20	160	.046	.152	.603	- .553	20	210	.095	.124	.551	- .240	20	260	.006	.120	.406	- .546
20	161	.026	.159	.628	- .458	20	211	.089	.129	.480	- .342	20	261	.023	.111	.421	- .327
20	162	.149	.151	.882	- .326	20	212	.112	.122	.617	- .255	20	262	.022	.118	.352	- .394
20	163	.176	.149	.875	- .288	20	213	.101	.120	.594	- .298	20	263	.052	.120	.496	- .345
20	164	.224	.164	.838	- .202	20	214	.069	.122	.635	- .399	20	264	.068	.114	.485	- .332
20	165	.190	.167	.763	- .306	20	215	.021	.119	.532	- .402	20	265	.080	.120	.544	- .321
20	166	.169	.143	.713	- .263	20	216	.046	.110	.340	- .412	20	266	.091	.118	.457	- .290
20	167	.117	.128	.647	- .302	20	217	.025	.108	.297	- .463	20	267	.076	.118	.440	- .316
20	168	.058	.123	.362	- .611	20	218	.012	.123	.404	- .387	20	268	.039	.116	.501	- .319
20	169	.020	.117	.400	- .406	20	219	.014	.113	.585	- .346	20	269	.006	.114	.410	- .358
20	170	.013	.112	.563	- .360	20	220	.030	.118	.478	- .364	20	301	.099	.118	.240	- .574
20	171	.018	.113	.394	- .352	20	221	.043	.114	.456	- .342	20	302	.081	.119	.371	- .503
20	172	.028	.129	.433	- .400	20	222	.046	.117	.483	- .394	20	303	.089	.122	.281	- .565
20	173	.029	.117	.618	- .333	20	223	.061	.115	.456	- .342	20	304	.075	.120	.336	- .480
20	174	.048	.124	.444	- .422	20	224	.059	.108	.387	- .287	20	305	.086	.117	.283	- .554
20	175	.087	.123	.519	- .302	20	225	.051	.119	.473	- .312	20	306	.090	.118	.336	- .474
20	176	.047	.132	.536	- .519	20	226	.068	.118	.570	- .306	20	307	.063	.115	.300	- .512
20	177	.036	.133	.513	- .565	20	227	.074	.118	.557	- .320	20	308	.074	.124	.368	- .476
20	178	.126	.130	.576	- .276	20	228	.090	.123	.583	- .298	20	309	.075	.101	.338	- .510
20	179	.143	.136	.894	- .229	20	229	.063	.117	.403	- .399	20	310	.064	.116	.297	- .438
20	180	.159	.138	.597	- .233	20	230	.041	.111	.480	- .365	20	311	.061	.120	.310	- .462
20	181	.157	.137	.647	- .309	20	231	.004	.113	.400	- .422	20	312	.066	.126	.347	- .528
20	182	.143	.145	.778	- .269	20	232	.033	.110	.323	- .418	20	313	.070	.115	.287	- .464
20	183	.078	.129	.476	- .425	20	233	.016	.109	.341	- .361	20	314	.052	.116	.400	- .447
20	184	.052	.118	.387	- .445	20	234	.019	.109	.372	- .325	20	315	.055	.129	.339	- .496
20	185	.029	.121	.441	- .446	20	235	.031	.115	.442	- .337	20	316	.053	.124	.394	- .587
20	186	.017	.118	.707	- .334	20	236	.050	.114	.450	- .320	20	317	.050	.116	.308	- .604
20	187	.020	.116	.424	- .346	20	237	.066	.119	.441	- .284	20	318	.084	.120	.287	- .470
20	188	.032	.118	.509	- .333	20	238	.097	.124	.632	- .270	20	319	.083	.133	.472	- .661
20	189	.035	.118	.484	- .349	20	239	.083	.116	.501	- .295	20	320	.051	.129	.367	- .499
20	190	.049	.121	.539	- .354	20	240	.063	.117	.480	- .349	20	321	.048	.112	.338	- .454
20	191	.083	.125	.585	- .346	20	241	.049	.105	.417	- .284	20	322	.075	.135	.345	- .713
20	192	.065	.131	.557	- .332	20	242	.037	.120	.400	- .455	20	323	.086	.128	.362	- .574
20	193	.051	.124	.460	- .452	20	243	.032	.106	.410	- .283	20	324	.087	.127	.319	- .580
20	194	.117	.128	.676	- .250	20	244	.031	.120	.423	- .416	20	325	.055	.123	.297	- .892
20	195	.139	.128	.634	- .273	20	245	.021	.108	.360	- .369	20	326	.057	.121	.360	- .537
20	196	.134	.138	.646	- .372	20	246	.003	.111	.375	- .333	20	327	.074	.123	.335	- .526
20	197	.114	.128	.676	- .226	20	247	.014	.108	.332	- .465	20	328	.092	.124	.333	- .482
20	198	.106	.136	.548	- .422	20	248	.030	.112	.321	- .405	20	329	.083	.125	.325	- .763
20	199	.050	.120	.460	- .410	20	249	.022	.117	.527	- .404	20	330	.058	.130	.292	- .617
20	200	.045	.122	.392	- .448	20	250	.016	.115	.330	- .557	20	331	.060	.124	.289	- .523
20	201	.022	.116	.377	- .471	20	251	.032	.116	.452	- .381	20	332	.073	.130	.309	- .693
20	202	.012	.117	.538	- .334	20	252	.027	.111	.397	- .372	20	333	.084	.133	.319	- .630

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	334	-.090	.124	.317	-.518	20	413	-.067	.114	.307	-.470	20	463	-.046	.113	.352	-.449
20	335	-.040	.125	.344	-.703	20	414	-.052	.124	.374	-.510	20	464	-.048	.123	.330	-.449
20	336	-.051	.120	.309	-.517	20	415	-.040	.113	.348	-.501	20	465	-.050	.112	.298	-.468
20	337	-.058	.128	.388	-.860	20	416	-.035	.113	.327	-.463	20	466	-.040	.113	.336	-.435
20	338	-.092	.134	.289	-.777	20	417	-.040	.111	.341	-.452	20	467	-.034	.108	.347	-.403
20	339	-.070	.117	.359	-.553	20	418	-.052	.126	.342	-.942	20	468	-.032	.115	.345	-.499
20	340	-.043	.106	.344	-.402	20	419	-.052	.125	.292	-.543	20	469	-.035	.110	.373	-.404
20	341	-.043	.110	.303	-.561	20	420	-.046	.114	.277	-.457	20	470	-.036	.112	.339	-.425
20	342	-.051	.128	.322	-.561	20	421	-.041	.115	.324	-.637	20	471	-.042	.105	.268	-.401
20	343	-.069	.115	.404	-.546	20	422	-.052	.116	.305	-.574	20	472	-.039	.117	.382	-.438
20	344	-.075	.132	.346	-.710	20	423	-.040	.113	.331	-.434	20	473	-.035	.115	.311	-.382
20	345	-.037	.117	.401	-.412	20	424	-.039	.112	.327	-.459	20	474	-.037	.125	.370	-.489
20	346	-.033	.115	.341	-.486	20	425	-.039	.113	.364	-.442	20	475	-.041	.127	.323	-.545
20	347	-.038	.106	.303	-.380	20	426	-.051	.118	.289	-.563	20	476	-.039	.116	.379	-.483
20	348	-.047	.111	.293	-.500	20	427	-.060	.122	.312	-.603	20	477	-.062	.114	.372	-.538
20	349	-.043	.119	.363	-.386	20	428	-.051	.128	.358	-.522	20	478	-.065	.126	.350	-.512
20	350	-.055	.108	.326	-.339	20	429	-.040	.122	.312	-.430	20	479	-.056	.124	.361	-.544
20	351	-.055	.111	.370	-.367	20	430	-.036	.112	.361	-.414	20	480	-.058	.123	.355	-.452
20	352	-.010	.102	.315	-.337	20	431	-.037	.106	.393	-.470	20	481	-.055	.126	.398	-.481
20	353	-.014	.116	.384	-.447	20	432	-.040	.113	.360	-.445	20	482	-.043	.101	.289	-.429
20	354	-.018	.116	.348	-.368	20	433	-.047	.126	.332	-.899	20	483	-.038	.123	.422	-.428
20	355	-.025	.109	.451	-.367	20	434	-.037	.118	.335	-.391	20	484	-.032	.112	.295	-.400
20	356	-.015	.110	.392	-.396	20	435	-.039	.120	.361	-.433	20	485	-.032	.111	.388	-.413
20	357	-.029	.125	.410	-.522	20	436	-.038	.101	.270	-.416	20	486	-.039	.120	.384	-.410
20	358	-.021	.119	.341	-.421	20	437	-.047	.121	.396	-.629	20	487	-.037	.115	.354	-.428
20	359	-.014	.107	.318	-.400	20	438	-.050	.113	.283	-.416	20	488	-.041	.111	.409	-.394
20	360	-.007	.122	.395	-.580	20	439	-.038	.110	.393	-.442	20	489	-.044	.117	.347	-.458
20	361	-.011	.113	.411	-.377	20	440	-.044	.116	.350	-.401	20	490	-.037	.112	.323	-.438
20	362	-.019	.115	.335	-.432	20	441	-.034	.117	.351	-.435	20	491	-.037	.117	.418	-.440
20	363	-.035	.126	.445	-.375	20	442	-.043	.109	.268	-.438	20	492	-.038	.119	.335	-.511
20	364	-.034	.113	.384	-.377	20	443	-.047	.114	.312	-.426	20	493	-.060	.129	.330	-.576
20	365	-.042	.116	.414	-.327	20	444	-.037	.108	.283	-.455	20	494	-.056	.125	.440	-.597
20	366	-.059	.115	.397	-.324	20	445	-.047	.112	.374	-.427	20	495	-.055	.116	.312	-.449
20	367	-.081	.111	.517	-.309	20	446	-.045	.088	.186	-.333	20	496	-.055	.113	.423	-.478
20	368	-.063	.115	.469	-.301	20	447	-.034	.108	.270	-.475	20	497	-.042	.110	.327	-.402
20	369	-.052	.109	.414	-.342	20	448	-.037	.115	.358	-.459	20	498	-.041	.114	.312	-.420
20	370	-.009	.117	.505	-.367	20	449	-.042	.117	.361	-.452	20	499	-.021	.108	.361	-.382
20	371	-.003	.107	.476	-.345	20	450	-.037	.107	.352	-.437	20	500	-.025	.106	.324	-.370
20	401	-.127	.127	.261	-.567	20	451	-.033	.110	.336	-.412	20	501	-.032	.111	.327	-.440
20	402	-.125	.133	.324	-.668	20	452	-.038	.115	.333	-.456	20	502	-.042	.110	.282	-.385
20	403	-.087	.132	.311	-.563	20	453	-.034	.108	.339	-.429	20	503	-.040	.110	.323	-.396
20	404	-.069	.127	.349	-.483	20	454	-.039	.107	.317	-.397	20	504	-.038	.115	.299	-.437
20	405	-.074	.125	.297	-.472	20	455	-.039	.111	.302	-.434	20	505	-.033	.112	.330	-.418
20	406	-.067	.122	.356	-.434	20	456	-.046	.108	.268	-.386	20	506	-.037	.116	.328	-.456
20	407	-.075	.114	.408	-.518	20	457	-.035	.110	.332	-.413	20	507	-.031	.113	.415	-.407
20	408	-.145	.143	.268	-.885	20	458	-.030	.110	.295	-.358	20	508	-.035	.114	.318	-.450
20	409	-.103	.134	.322	-.644	20	459	-.034	.114	.311	-.398	20	509	-.069	.118	.317	-.610
20	410	-.063	.119	.335	-.500	20	460	-.042	.117	.330	-.461	20	510	-.070	.130	.317	-.585
20	411	-.051	.117	.315	-.429	20	461	-.059	.115	.314	-.554	20	511	-.060	.113	.288	-.442
20	412	-.077	.122	.325	-.566	20	462	-.047	.113	.318	-.452	20	512	-.056	.118	.368	-.466

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	513	-.041	.110	.349	-.420	20	601	-.208	.182	.337	-.904	20	651	-.042	.109	.304	-.383
20	514	-.027	.116	.343	-.500	20	602	-.143	.157	.327	-.882	20	801	-.006	.119	.425	-.406
20	515	-.028	.111	.381	-.385	20	603	-.120	.131	.281	-.638	20	802	-.028	.117	.336	-.466
20	516	-.016	.116	.366	-.439	20	604	-.086	.141	.403	-.651	20	803	-.024	.109	.323	-.361
20	517	-.027	.105	.352	-.358	20	605	-.178	.194	.294	-1.145	20	804	-.022	.116	.337	-.402
20	518	-.033	.113	.374	-.408	20	606	-.119	.161	.302	-1.037	20	805	-.032	.119	.419	-.397
20	519	-.039	.114	.315	-.364	20	607	-.124	.146	.347	-.871	20	806	-.054	.118	.273	-.503
20	520	-.044	.123	.368	-.450	20	608	-.062	.122	.395	-.449	20	807	-.008	.116	.382	-.471
20	521	-.040	.123	.299	-.447	20	609	-.057	.125	.337	-.544	20	901	-.048	.115	.331	-.441
20	522	-.031	.112	.372	-.396	20	610	-.045	.115	.422	-.476	20	902	-.047	.120	.495	-.416
20	523	-.031	.105	.349	-.532	20	611	-.142	.181	.299	-1.052	20	903	-.061	.116	.303	-.502
20	524	-.030	.112	.382	-.471	20	612	-.128	.155	.396	-.764	20	904	-.058	.116	.431	-.541
20	525	-.063	.125	.298	-.551	20	613	-.103	.160	.489	-.791	20	905	-.062	.116	.327	-.486
20	526	-.060	.122	.320	-.535	20	614	-.070	.137	.365	-.664	20	906	-.034	.132	.592	-.511
20	527	-.051	.122	.350	-.445	20	615	-.065	.130	.353	-.572	20	907	-.039	.118	.398	-.443
20	528	-.052	.101	.251	-.475	20	616	-.128	.154	.409	-.775	20	908	-.036	.119	.380	-.531
20	529	-.045	.121	.403	-.437	20	617	-.144	.164	.354	-.892	20	909	-.057	.121	.358	-.442
20	530	-.029	.110	.308	-.449	20	618	-.096	.147	.408	-.692	20	910	-.128	.136	.467	-.626
20	531	-.015	.112	.399	-.401	20	619	-.060	.129	.342	-.489	20	911	-.111	.146	.739	-.553
20	532	-.018	.117	.401	-.399	20	620	-.051	.129	.359	-.613	20	912	-.101	.126	.376	-.533
20	533	-.018	.114	.404	-.371	20	621	-.096	.147	.305	-.849	20	913	-.027	.133	.497	-.646
20	534	-.033	.111	.412	-.383	20	622	-.101	.137	.357	-.632	20	914	-.048	.126	.409	-.493
20	535	-.048	.120	.406	-.443	20	623	-.092	.125	.283	-.616	20	915	-.061	.108	.287	-.454
20	536	-.041	.113	.289	-.421	20	624	-.066	.120	.354	-.481	20	916	-.043	.116	.374	-.466
20	537	-.032	.112	.378	-.389	20	625	-.076	.134	.374	-.683	20	917	-.058	.120	.342	-.491
20	538	-.033	.115	.314	-.455	20	626	-.093	.129	.322	-.683	20	918	-.053	.114	.325	-.409
20	539	-.031	.119	.339	-.526	20	627	-.093	.128	.341	-.658	20	919	-.032	.111	.399	-.413
20	540	-.034	.118	.407	-.421	20	628	-.087	.127	.293	-.642	20	920	-.049	.126	.385	-.528
20	541	-.003	.115	.369	-.424	20	629	-.078	.129	.322	-.783	20	921	-.003	.121	.390	-.404
20	542	-.013	.111	.394	-.383	20	630	-.064	.124	.335	-.752	20	922	-.105	.134	.430	-.626
20	543	-.000	.103	.316	-.369	20	631	-.088	.128	.310	-.664	20	923	-.129	.159	.556	-.781
20	544	-.006	.104	.344	-.337	20	632	-.091	.134	.342	-.802	20	924	-.012	.121	.388	-.545
20	545	-.020	.120	.359	-.432	20	633	-.089	.127	.393	-.517	20	925	-.050	.111	.399	-.301
20	546	-.015	.121	.411	-.459	20	634	-.079	.118	.355	-.575	20	926	-.059	.116	.411	-.356
20	547	-.046	.113	.420	-.308	20	635	-.067	.123	.299	-.617	20	927	-.070	.118	.507	-.304
20	548	-.043	.113	.307	-.410	20	636	-.080	.121	.332	-.835	20	928	-.086	.116	.526	-.306
20	549	-.045	.106	.293	-.406	20	637	-.090	.133	.305	-.641	20	929	-.098	.123	.544	-.289
20	550	-.047	.084	.191	-.369	20	638	-.080	.118	.299	-.516	20	930	-.120	.127	.562	-.272
20	551	-.043	.106	.254	-.412	20	639	-.078	.123	.310	-.580	20	931	-.070	.116	.469	-.303
20	552	-.043	.115	.382	-.386	20	640	-.075	.117	.305	-.493	20	932	-.071	.117	.483	-.300
20	553	-.046	.106	.256	-.390	20	641	-.080	.124	.338	-.471	20	933	-.081	.106	.447	-.244
20	554	-.033	.110	.378	-.432	20	642	-.083	.124	.335	-.644	20	934	-.075	.122	.631	-.318
20	555	-.029	.106	.349	-.414	20	643	-.066	.119	.358	-.430	20	935	-.044	.111	.513	-.344
20	556	-.025	.110	.375	-.420	20	644	-.067	.116	.325	-.429	20	936	-.060	.116	.471	-.330
20	557	-.015	.114	.372	-.373	20	645	-.054	.120	.273	-.499	20	937	-.044	.118	.340	-.421
20	558	-.016	.104	.425	-.314	20	646	-.074	.123	.259	-.681	20	938	-.094	.118	.273	-.475
20	559	-.019	.106	.372	-.402	20	647	-.053	.107	.279	-.413	20	939	-.070	.115	.313	-.437
20	560	-.029	.120	.395	-.496	20	648	-.046	.114	.325	-.505	30	101	-.021	.130	.520	-.459
20	561	-.024	.116	.350	-.423	20	649	-.032	.111	.306	-.470	30	102	-.001	.122	.583	-.430
20	562	-.026	.103	.293	-.333	20	650	-.086	.115	.270	-.452	30	103	-.004	.133	.434	-.446

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	104	-.032	.167	.600	-.710	30	154	.063	.120	.540	-.342	30	204	.042	.105	.396	-.341
30	105	-.077	.173	.592	-.573	30	155	.069	.125	.626	-.322	30	205	.049	.114	.385	-.382
30	106	-.138	.183	.829	-.417	30	156	.058	.112	.444	-.317	30	206	.054	.113	.419	-.327
30	107	-.151	.191	1.058	-.346	30	157	.060	.121	.590	-.317	30	207	.084	.113	.432	-.348
30	108	-.082	.124	.354	-.503	30	158	.051	.118	.537	-.332	30	208	.066	.125	.506	-.287
30	109	-.048	.118	.361	-.424	30	159	.091	.129	.569	-.362	30	209	.060	.120	.477	-.359
30	110	-.039	.120	.321	-.514	30	160	.039	.153	.573	-.800	30	210	.093	.125	.504	-.383
30	111	-.059	.132	.372	-.611	30	161	.015	.158	.492	-.703	30	211	.109	.123	.605	-.290
30	112	-.099	.178	.770	-.456	30	162	.133	.145	.675	-.357	30	212	.108	.135	.663	-.257
30	113	-.100	.169	.652	-.402	30	163	.188	.149	.746	-.272	30	213	.119	.124	.580	-.269
30	114	-.040	.129	.435	-.429	30	164	.206	.162	.734	-.367	30	214	.083	.133	.643	-.402
30	115	-.027	.153	.492	-.544	30	165	.225	.154	.741	-.238	30	215	.038	.121	.497	-.373
30	116	-.076	.156	.561	-.604	30	166	.179	.161	.802	-.304	30	216	.040	.129	.375	-.481
30	117	.006	.122	.422	-.436	30	167	.139	.143	.684	-.307	30	217	.024	.119	.388	-.362
30	118	.010	.118	.585	-.384	30	168	.035	.129	.422	-.577	30	218	.020	.105	.385	-.314
30	119	.012	.119	.494	-.388	30	169	.006	.124	.445	-.473	30	219	.024	.102	.397	-.296
30	120	.001	.131	.601	-.466	30	170	.052	.130	.456	-.370	30	220	.038	.110	.394	-.331
30	121	.011	.132	.476	-.478	30	171	.055	.129	.572	-.310	30	221	.054	.119	.449	-.356
30	122	.006	.117	.380	-.381	30	172	.061	.111	.473	-.303	30	222	.055	.113	.443	-.335
30	123	.003	.138	.470	-.575	30	173	.059	.111	.464	-.331	30	223	.079	.124	.545	-.293
30	124	-.030	.151	.534	-.791	30	174	.062	.118	.473	-.363	30	224	.074	.111	.475	-.279
30	125	.122	.160	.766	-.523	30	175	.103	.133	.529	-.366	30	225	.064	.121	.500	-.396
30	126	.193	.176	.861	-.438	30	176	.055	.137	.532	-.506	30	226	.078	.117	.394	-.341
30	127	.144	.189	.868	-.401	30	177	.041	.147	.566	-.469	30	227	.086	.112	.461	-.257
30	128	.051	.173	.682	-.503	30	178	.137	.134	.654	-.344	30	228	.075	.122	.507	-.295
30	129	.037	.148	.526	-.397	30	179	.163	.148	.656	-.354	30	229	.084	.126	.507	-.348
30	130	.029	.147	.595	-.492	30	180	.183	.147	.709	-.323	30	230	.049	.124	.494	-.386
30	131	.060	.161	.482	-.730	30	181	.195	.135	.768	-.234	30	231	.014	.105	.394	-.335
30	132	.002	.137	.520	-.459	30	182	.137	.140	.628	-.259	30	232	.018	.111	.362	-.343
30	133	.023	.134	.493	-.435	30	183	.113	.147	.626	-.369	30	233	.012	.106	.356	-.383
30	134	.010	.137	.508	-.746	30	184	.035	.131	.378	-.482	30	234	.027	.107	.384	-.396
30	135	.001	.123	.397	-.430	30	185	.009	.113	.364	-.390	30	235	.044	.112	.423	-.350
30	136	.020	.125	.583	-.332	30	186	.042	.122	.594	-.351	30	236	.065	.117	.468	-.302
30	137	.041	.133	.581	-.367	30	187	.039	.112	.375	-.309	30	237	.069	.119	.457	-.325
30	138	.056	.137	.602	-.381	30	188	.052	.115	.441	-.403	30	238	.095	.119	.522	-.441
30	139	.031	.109	.493	-.315	30	189	.052	.117	.448	-.381	30	239	.109	.120	.579	-.315
30	140	.029	.120	.397	-.393	30	190	.065	.123	.547	-.310	30	240	.074	.113	.470	-.264
30	141	.046	.115	.460	-.362	30	191	.086	.123	.523	-.334	30	241	.067	.119	.404	-.316
30	142	.043	.127	.472	-.480	30	192	.068	.124	.513	-.390	30	242	.052	.117	.507	-.314
30	143	.085	.133	.527	-.427	30	193	.056	.143	.545	-.722	30	243	.045	.110	.449	-.321
30	144	.011	.160	.603	-.714	30	194	.118	.124	.539	-.292	30	244	.040	.099	.371	-.344
30	145	.034	.137	.567	-.842	30	195	.155	.141	.590	-.226	30	245	.024	.118	.449	-.369
30	146	.146	.158	.724	-.431	30	196	.155	.137	.585	-.214	30	246	.004	.109	.352	-.375
30	147	.175	.165	.834	-.313	30	197	.140	.132	.679	-.301	30	247	.016	.110	.361	-.446
30	148	.191	.159	.789	-.285	30	198	.118	.120	.715	-.323	30	248	.013	.112	.366	-.367
30	149	.220	.176	.763	-.338	30	199	.064	.134	.585	-.340	30	249	.002	.127	.493	-.418
30	150	.202	.155	.790	-.188	30	200	.037	.122	.367	-.500	30	250	.002	.122	.412	-.531
30	151	.164	.140	.692	-.331	30	201	.008	.117	.438	-.437	30	251	.035	.129	.556	-.411
30	152	.014	.114	.321	-.433	30	202	.031	.105	.432	-.300	30	252	.033	.113	.357	-.323
30	153	.017	.108	.398	-.283	30	203	.037	.111	.445	-.344	30	253	.012	.128	.459	-.393

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	254	.017	.117	.373	-.372	30	335	-.038	.113	.374	-.684	30	414	-.054	.114	.272	-.427
30	255	.018	.120	.418	-.376	30	336	-.041	.119	.377	-.472	30	415	-.048	.119	.328	-.562
30	256	.044	.121	.494	-.354	30	337	-.061	.127	.401	-.537	30	416	-.038	.110	.299	-.449
30	257	.044	.116	.424	-.375	30	338	-.082	.128	.318	-.617	30	417	-.042	.119	.385	-.483
30	258	.023	.119	.426	-.347	30	339	-.075	.119	.285	-.480	30	418	-.049	.125	.361	-.744
30	259	.026	.116	.383	-.376	30	340	-.043	.124	.359	-.419	30	419	-.052	.120	.344	-.516
30	260	.017	.115	.380	-.431	30	341	-.051	.120	.352	-.511	30	420	-.053	.114	.325	-.480
30	261	.030	.114	.468	-.363	30	342	-.047	.111	.342	-.506	30	421	-.049	.109	.288	-.504
30	262	.032	.120	.445	-.344	30	343	-.069	.110	.321	-.453	30	422	-.045	.112	.318	-.449
30	263	.052	.115	.445	-.358	30	344	-.065	.120	.328	-.456	30	423	-.054	.112	.320	-.447
30	264	.082	.122	.462	-.363	30	345	-.037	.120	.349	-.427	30	424	-.045	.118	.324	-.428
30	265	.088	.120	.664	-.314	30	346	-.030	.110	.396	-.408	30	425	-.051	.114	.331	-.456
30	266	.086	.127	.556	-.314	30	347	-.030	.121	.414	-.436	30	426	-.054	.118	.371	-.450
30	267	.081	.131	.645	-.396	30	348	-.048	.114	.358	-.472	30	427	-.054	.124	.311	-.569
30	268	.023	.129	.454	-.363	30	349	-.056	.120	.331	-.453	30	428	-.045	.122	.373	-.512
30	269	.012	.123	.410	-.467	30	350	-.002	.117	.391	-.489	30	429	-.035	.121	.400	-.508
30	301	.087	.115	.253	-.470	30	351	.004	.122	.419	-.358	30	430	-.031	.109	.335	-.410
30	302	.068	.129	.423	-.502	30	352	.010	.110	.351	-.390	30	431	-.036	.112	.354	-.413
30	303	.075	.131	.392	-.528	30	353	.010	.130	.476	-.459	30	432	-.038	.115	.325	-.546
30	304	.078	.123	.288	-.501	30	354	-.008	.119	.360	-.466	30	433	-.036	.113	.351	-.460
30	305	.082	.126	.298	-.605	30	355	-.032	.125	.414	-.437	30	434	-.036	.110	.351	-.387
30	306	.085	.126	.279	-.643	30	356	-.019	.122	.419	-.460	30	435	-.050	.114	.367	-.496
30	307	.064	.125	.457	-.532	30	357	-.018	.116	.374	-.401	30	436	-.042	.110	.342	-.420
30	308	.071	.129	.376	-.493	30	358	-.007	.129	.433	-.432	30	437	-.039	.111	.358	-.422
30	309	.084	.123	.308	-.515	30	359	-.003	.118	.377	-.364	30	438	-.043	.117	.313	-.415
30	310	.068	.125	.354	-.487	30	360	.004	.118	.369	-.463	30	439	-.045	.109	.335	-.393
30	311	.055	.137	.496	-.606	30	361	.007	.118	.490	-.387	30	440	-.039	.105	.335	-.372
30	312	.079	.143	.414	-.642	30	362	.005	.121	.436	-.386	30	441	-.038	.112	.424	-.485
30	313	.074	.115	.290	-.425	30	363	-.033	.120	.359	-.471	30	442	-.040	.108	.438	-.371
30	314	.073	.129	.280	-.512	30	364	.008	.123	.357	-.509	30	443	-.043	.105	.281	-.418
30	315	.032	.122	.360	-.475	30	365	.013	.116	.474	-.444	30	444	-.036	.112	.371	-.396
30	316	.031	.117	.355	-.470	30	366	.020	.125	.454	-.360	30	445	-.042	.109	.335	-.435
30	317	.043	.125	.397	-.452	30	367	.020	.120	.434	-.404	30	446	-.045	.092	.265	-.333
30	318	.070	.128	.358	-.672	30	368	.023	.120	.400	-.326	30	447	-.039	.104	.346	-.383
30	319	.099	.136	.436	-.712	30	369	.018	.120	.383	-.411	30	448	-.035	.111	.381	-.429
30	320	.036	.123	.380	-.676	30	370	.014	.113	.580	-.401	30	449	-.047	.117	.365	-.402
30	321	.035	.115	.350	-.462	30	371	.012	.111	.379	-.361	30	450	-.038	.106	.276	-.413
30	322	.049	.125	.306	-.495	30	401	-.108	.128	.269	-.678	30	451	-.040	.114	.347	-.387
30	323	.098	.137	.348	-.743	30	402	-.103	.126	.268	-.609	30	452	-.037	.117	.351	-.444
30	324	.114	.132	.221	-.597	30	403	-.075	.125	.340	-.565	30	453	-.044	.111	.301	-.447
30	325	.046	.118	.350	-.648	30	404	-.058	.118	.322	-.450	30	454	-.039	.116	.331	-.444
30	326	.040	.104	.270	-.476	30	405	-.071	.119	.358	-.562	30	455	-.050	.110	.334	-.450
30	327	.057	.126	.347	-.576	30	406	-.062	.118	.410	-.464	30	456	-.044	.109	.317	-.404
30	328	.116	.121	.289	-.584	30	407	-.073	.128	.353	-.482	30	457	-.044	.106	.320	-.438
30	329	.110	.130	.308	-.550	30	408	-.141	.147	.282	-.831	30	458	-.047	.111	.317	-.456
30	330	.045	.118	.361	-.540	30	409	-.084	.129	.295	-.615	30	459	-.038	.111	.332	-.421
30	331	.049	.118	.315	-.492	30	410	-.058	.124	.357	-.461	30	460	-.039	.115	.334	-.427
30	332	.057	.123	.345	-.561	30	411	-.070	.119	.311	-.457	30	461	-.055	.122	.308	-.569
30	333	.102	.133	.313	-.669	30	412	-.071	.118	.362	-.510	30	462	-.045	.112	.314	-.475
30	334	.097	.141	.336	-.671	30	413	-.061	.115	.375	-.431	30	463	-.052	.119	.325	-.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	464	-.043	.113	.273	-.429	30	514	-.031	.119	.327	-.446	30	602	-.128	.142	.462	-.940
30	465	-.042	.112	.411	-.442	30	515	-.036	.116	.327	-.462	30	603	-.100	.133	.344	-.637
30	466	-.039	.112	.402	-.410	30	516	-.042	.120	.381	-.420	30	604	-.100	.140	.303	-.841
30	467	-.046	.114	.302	-.390	30	517	-.043	.108	.352	-.382	30	605	-.135	.171	.305	-.931
30	468	-.034	.117	.338	-.432	30	518	-.048	.115	.394	-.511	30	606	-.097	.146	.419	-.782
30	469	-.038	.115	.314	-.432	30	519	-.047	.112	.293	-.505	30	607	-.085	.136	.361	-.658
30	470	-.047	.116	.369	-.430	30	520	-.047	.111	.349	-.415	30	608	-.069	.129	.383	-.503
30	471	-.045	.111	.369	-.404	30	521	-.049	.120	.344	-.474	30	609	-.058	.129	.349	-.494
30	472	-.044	.115	.400	-.408	30	522	-.046	.107	.299	-.431	30	610	-.050	.125	.347	-.458
30	473	-.038	.112	.387	-.497	30	523	-.045	.112	.361	-.420	30	611	-.098	.149	.364	-.741
30	474	-.035	.112	.394	-.441	30	524	-.047	.115	.298	-.475	30	612	-.100	.136	.347	-.721
30	475	-.040	.121	.356	-.457	30	525	-.050	.118	.321	-.483	30	613	-.082	.134	.417	-.767
30	476	-.039	.110	.317	-.456	30	526	-.055	.114	.321	-.439	30	614	-.069	.130	.358	-.555
30	477	-.057	.123	.342	-.569	30	527	-.060	.119	.320	-.468	30	615	-.074	.135	.374	-.609
30	478	-.052	.129	.338	-.668	30	528	-.050	.110	.306	-.424	30	616	-.083	.131	.403	-.833
30	479	-.041	.119	.342	-.473	30	529	-.035	.113	.359	-.430	30	617	-.090	.141	.401	-.711
30	480	-.045	.119	.345	-.557	30	530	-.029	.113	.369	-.405	30	618	-.077	.133	.342	-.639
30	481	-.048	.116	.313	-.473	30	531	-.038	.112	.340	-.401	30	619	-.070	.129	.426	-.612
30	482	-.035	.110	.344	-.442	30	532	-.034	.109	.371	-.379	30	620	-.064	.130	.470	-.526
30	483	-.035	.113	.400	-.419	30	533	-.039	.113	.384	-.437	30	621	-.074	.130	.403	-.761
30	484	-.034	.117	.354	-.454	30	534	-.048	.114	.460	-.436	30	622	-.092	.145	.327	-.797
30	485	-.044	.110	.334	-.401	30	535	-.055	.112	.284	-.453	30	623	-.076	.125	.268	-.560
30	486	-.043	.110	.350	-.421	30	536	-.050	.115	.409	-.405	30	624	-.065	.125	.335	-.601
30	487	-.047	.111	.391	-.451	30	537	-.049	.115	.287	-.415	30	625	-.061	.127	.413	-.498
30	488	-.049	.112	.442	-.421	30	538	-.051	.119	.369	-.506	30	626	-.080	.132	.325	-.796
30	489	-.049	.109	.293	-.389	30	539	-.058	.121	.406	-.514	30	627	-.082	.133	.368	-.626
30	490	-.044	.116	.366	-.372	30	540	-.046	.119	.359	-.481	30	628	-.079	.130	.349	-.605
30	491	-.043	.115	.325	-.411	30	541	-.023	.111	.308	-.418	30	629	-.069	.121	.274	-.543
30	492	-.045	.119	.400	-.523	30	542	-.034	.118	.359	-.395	30	630	-.070	.125	.335	-.728
30	493	-.062	.126	.397	-.534	30	543	-.034	.115	.357	-.392	30	631	-.071	.118	.306	-.482
30	494	-.062	.120	.378	-.579	30	544	-.039	.115	.486	-.471	30	632	-.080	.132	.451	-.861
30	495	-.051	.116	.368	-.409	30	545	-.044	.121	.394	-.460	30	633	-.072	.125	.362	-.621
30	496	-.047	.108	.299	-.452	30	546	-.044	.111	.308	-.377	30	634	-.068	.122	.320	-.543
30	497	-.035	.115	.359	-.373	30	547	-.056	.122	.363	-.463	30	635	-.062	.124	.329	-.524
30	498	-.032	.118	.346	-.449	30	548	-.060	.124	.321	-.476	30	636	-.071	.126	.317	-.519
30	499	-.037	.109	.280	-.418	30	549	-.062	.109	.347	-.449	30	637	-.059	.112	.304	-.413
30	500	-.035	.118	.369	-.448	30	550	-.065	.086	.234	-.342	30	638	-.065	.119	.386	-.479
30	501	-.048	.113	.364	-.439	30	551	-.055	.118	.257	-.422	30	639	-.069	.115	.357	-.436
30	502	-.045	.111	.320	-.442	30	552	-.054	.115	.353	-.473	30	640	-.075	.122	.326	-.501
30	503	-.053	.109	.333	-.471	30	553	-.050	.116	.327	-.578	30	641	-.061	.126	.307	-.524
30	504	-.059	.112	.281	-.489	30	554	-.043	.120	.382	-.400	30	642	-.065	.124	.269	-.627
30	505	-.046	.112	.378	-.417	30	555	-.029	.108	.336	-.435	30	643	-.078	.130	.377	-.729
30	506	-.047	.116	.346	-.405	30	556	-.018	.125	.397	-.440	30	644	-.054	.113	.370	-.482
30	507	-.044	.116	.405	-.474	30	557	-.032	.113	.340	-.391	30	645	-.059	.118	.386	-.409
30	508	-.046	.112	.286	-.497	30	558	-.029	.120	.424	-.416	30	646	-.082	.119	.302	-.615
30	509	-.066	.129	.352	-.506	30	559	-.028	.118	.350	-.426	30	647	-.070	.106	.308	-.422
30	510	-.053	.113	.276	-.445	30	560	-.033	.113	.329	-.446	30	648	-.055	.112	.305	-.407
30	511	-.053	.117	.402	-.421	30	561	-.035	.126	.427	-.444	30	649	-.040	.122	.344	-.456
30	512	-.056	.116	.402	-.446	30	562	-.044	.118	.370	-.370	30	650	-.081	.121	.361	-.541
30	513	-.049	.118	.337	-.452	30	601	-.190	.168	.296	-.928	30	651	-.043	.121	.498	-.501

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	801	.012	.117	.459	-.381	40	105	-.044	.160	.509	-.785	40	155	.136	.134	.565	-.301
30	802	-.034	.110	.332	-.372	40	106	-.042	.138	.506	-.513	40	156	.117	.135	.600	-.353
30	803	-.039	.121	.379	-.458	40	107	-.010	.175	.671	-.503	40	157	.089	.121	.601	-.318
30	804	-.034	.127	.384	-.453	40	108	-.118	.134	.548	-.482	40	158	.073	.126	.537	-.390
30	805	-.041	.127	.434	-.454	40	109	-.086	.130	.389	-.480	40	159	.082	.131	.624	-.521
30	806	-.066	.124	.335	-.530	40	110	-.098	.129	.555	-.496	40	160	.022	.169	.570	-.789
30	807	-.012	.131	.391	-.478	40	111	-.114	.133	.551	-.670	40	161	-.004	.184	.636	-.764
30	901	-.053	.119	.293	-.402	40	112	-.044	.141	.555	-.479	40	162	.084	.153	.695	-.409
30	902	-.053	.125	.441	-.509	40	113	-.054	.156	.595	-.497	40	163	.126	.168	.792	-.479
30	903	-.056	.119	.363	-.522	40	114	-.119	.122	.356	-.634	40	164	.176	.172	.886	-.374
30	904	-.066	.129	.376	-.500	40	115	-.115	.124	.417	-.531	40	165	.196	.192	.851	-.419
30	905	-.060	.126	.335	-.635	40	116	-.149	.139	.380	-.684	40	166	.185	.195	.879	-.457
30	906	-.011	.128	.517	-.396	40	117	-.030	.142	.648	-.398	40	167	.098	.173	.667	-.499
30	907	-.039	.117	.314	-.504	40	118	.035	.139	.508	-.390	40	168	-.012	.121	.370	-.536
30	908	-.049	.134	.435	-.538	40	119	.021	.129	.599	-.374	40	169	.053	.115	.459	-.382
30	909	-.074	.129	.353	-.683	40	120	.011	.142	.578	-.485	40	170	.142	.120	.677	-.241
30	910	-.113	.129	.326	-.642	40	121	.005	.129	.600	-.409	40	171	.136	.123	.557	-.287
30	911	.027	.140	.641	-.456	40	122	-.025	.120	.366	-.476	40	172	.120	.122	.591	-.276
30	912	-.099	.138	.323	-.627	40	123	-.036	.132	.530	-.518	40	173	.112	.123	.543	-.304
30	913	-.037	.129	.473	-.443	40	124	-.065	.146	.494	-.686	40	174	.105	.124	.601	-.330
30	914	-.068	.130	.395	-.529	40	125	.015	.179	.729	-.626	40	175	.099	.120	.534	-.320
30	915	-.071	.123	.358	-.457	40	126	.074	.204	.843	-.573	40	176	.060	.132	.537	-.653
30	916	-.043	.115	.304	-.507	40	127	.048	.197	.748	-.614	40	177	.040	.157	.518	-.786
30	917	-.057	.120	.307	-.497	40	128	-.060	.188	.625	-.792	40	178	.092	.149	.649	-.413
30	918	-.073	.117	.378	-.570	40	129	-.050	.159	.567	-.934	40	179	.110	.152	.887	-.501
30	919	-.053	.127	.385	-.493	40	130	-.033	.162	.537	-.564	40	180	.153	.176	.733	-.464
30	920	-.066	.118	.293	-.550	40	131	-.139	.161	.423	-.775	40	181	.131	.160	.744	-.461
30	921	-.018	.131	.450	-.478	40	132	-.077	.142	.423	-.709	40	182	.120	.158	.728	-.426
30	922	.103	.133	.324	-.599	40	133	-.042	.151	.657	-.588	40	183	.066	.149	.695	-.353
30	923	-.114	.144	.385	-.679	40	134	-.001	.135	.542	-.586	40	184	.010	.120	.486	-.404
30	924	.029	.120	.412	-.404	40	135	.012	.156	.680	-.509	40	185	.040	.113	.484	-.328
30	925	.058	.116	.496	-.353	40	136	.031	.133	.629	-.419	40	186	.109	.126	.535	-.325
30	926	.069	.119	.466	-.325	40	137	.067	.145	.648	-.336	40	187	.117	.122	.562	-.385
30	927	.073	.114	.434	-.350	40	138	.095	.137	.609	-.362	40	188	.108	.115	.497	-.320
30	928	.094	.121	.500	-.402	40	139	.076	.140	.593	-.364	40	189	.111	.117	.500	-.366
30	929	.104	.117	.634	-.282	40	140	.043	.128	.518	-.422	40	190	.089	.118	.509	-.339
30	930	.113	.130	.632	-.276	40	141	.037	.124	.565	-.352	40	191	.094	.114	.470	-.343
30	931	.078	.124	.557	-.386	40	142	.017	.127	.450	-.519	40	192	.061	.122	.445	-.466
30	932	.071	.120	.465	-.290	40	143	.002	.133	.486	-.549	40	193	.037	.132	.497	-.850
30	933	.076	.118	.449	-.322	40	144	.073	.168	.548	-.925	40	194	.059	.135	.598	-.394
30	934	.073	.120	.629	-.347	40	145	.087	.185	.456	-.839	40	195	.064	.140	.670	-.358
30	935	.054	.114	.419	-.331	40	146	.052	.160	.658	-.515	40	196	.094	.146	.674	-.393
30	936	.059	.114	.465	-.294	40	147	.086	.170	.756	-.445	40	197	.107	.149	.639	-.380
30	937	-.059	.121	.290	-.473	40	148	.102	.185	.706	-.501	40	198	.046	.144	.614	-.416
30	938	.048	.117	.308	-.628	40	149	.149	.188	.906	-.449	40	199	.002	.131	.475	-.612
30	939	-.059	.121	.351	-.531	40	150	.136	.179	.735	-.386	40	200	.013	.114	.299	-.600
40	101	.095	.144	.984	-.336	40	151	.145	.174	.732	-.551	40	201	.040	.116	.487	-.327
40	102	.082	.167	.700	-.566	40	152	.018	.113	.410	-.339	40	202	.087	.118	.636	-.296
40	103	.064	.155	.652	-.413	40	153	.074	.096	.390	-.284	40	203	.093	.124	.521	-.284
40	104	-.023	.151	.532	-.620	40	154	.126	.126	.546	-.362	40	204	.084	.113	.490	-.307

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	205	.075	.107	.440	-.280	40	255	.007	.121	.412	-.445	40	336	-.053	.110	.333	-.504
40	206	.064	.105	.473	-.367	40	256	.020	.124	.458	-.576	40	337	-.034	.114	.383	-.575
40	207	.074	.117	.451	-.373	40	257	.014	.127	.455	-.433	40	338	-.107	.135	.253	-.614
40	208	.048	.108	.430	-.418	40	258	.013	.111	.347	-.420	40	339	-.124	.120	.232	-.538
40	209	.037	.126	.582	-.505	40	259	.059	.120	.352	-.565	40	340	-.063	.102	.286	-.441
40	210	.045	.126	.530	-.492	40	260	.017	.116	.381	-.417	40	341	-.041	.106	.272	-.374
40	211	.061	.129	.587	-.529	40	261	.016	.119	.399	-.410	40	342	-.030	.110	.333	-.368
40	212	.080	.147	.712	-.342	40	262	.024	.113	.373	-.433	40	343	-.070	.123	.356	-.508
40	213	.063	.139	.625	-.429	40	263	.037	.124	.412	-.445	40	344	-.088	.126	.360	-.528
40	214	.035	.142	.569	-.412	40	264	.049	.124	.526	-.400	40	345	-.068	.106	.380	-.431
40	215	.007	.127	.582	-.502	40	265	.059	.121	.462	-.346	40	346	-.045	.100	.250	-.359
40	216	.016	.112	.420	-.419	40	266	.054	.113	.484	-.299	40	347	-.020	.107	.366	-.356
40	217	.011	.116	.398	-.333	40	267	.048	.127	.624	-.360	40	348	-.041	.106	.426	-.445
40	218	.041	.111	.408	-.321	40	268	.033	.125	.432	-.482	40	349	-.052	.111	.303	-.521
40	219	.043	.114	.388	-.347	40	269	.053	.129	.456	-.477	40	350	-.009	.115	.366	-.383
40	220	.060	.114	.477	-.297	40	301	.065	.124	.334	-.467	40	351	-.004	.117	.330	-.491
40	221	.057	.107	.345	-.340	40	302	.045	.139	.406	-.508	40	352	.007	.116	.449	-.394
40	222	.046	.097	.367	-.309	40	303	.041	.142	.399	-.480	40	353	.010	.119	.413	-.456
40	223	.058	.105	.470	-.320	40	304	.148	.138	.333	-.712	40	354	.005	.110	.350	-.398
40	224	.042	.108	.415	-.387	40	305	.109	.138	.449	-.614	40	355	-.066	.122	.308	-.475
40	225	.031	.114	.394	-.432	40	306	.135	.147	.344	-.862	40	356	-.051	.121	.354	-.553
40	226	.041	.126	.550	-.352	40	307	.120	.131	.299	-.591	40	357	-.035	.130	.405	-.448
40	227	.038	.124	.504	-.366	40	308	.114	.126	.324	-.589	40	358	-.027	.120	.413	-.467
40	228	.056	.124	.467	-.352	40	309	.171	.105	.177	-.510	40	359	-.007	.120	.377	-.473
40	229	.043	.125	.629	-.306	40	310	.103	.130	.330	-.611	40	360	.008	.119	.425	-.445
40	230	.004	.122	.456	-.372	40	311	.082	.134	.332	-.564	40	361	.004	.121	.399	-.388
40	231	.020	.113	.490	-.395	40	312	.106	.138	.407	-.764	40	362	.007	.116	.369	-.427
40	232	.015	.109	.372	-.428	40	313	.128	.125	.259	-.522	40	363	-.078	.128	.297	-.520
40	233	.002	.108	.352	-.367	40	314	.126	.130	.305	-.562	40	364	.006	.118	.357	-.430
40	234	.057	.107	.417	-.316	40	315	.065	.104	.269	-.461	40	365	.010	.114	.388	-.359
40	235	.080	.110	.464	-.277	40	316	.057	.108	.293	-.411	40	366	.015	.108	.338	-.363
40	236	.097	.114	.491	-.337	40	317	.047	.104	.354	-.426	40	367	.018	.112	.422	-.342
40	237	.089	.105	.415	-.235	40	318	.083	.110	.357	-.483	40	368	.017	.112	.383	-.406
40	238	.083	.103	.434	-.251	40	319	.144	.137	.311	-.669	40	369	.012	.115	.443	-.414
40	239	.078	.101	.468	-.258	40	320	.070	.105	.275	-.455	40	370	.007	.113	.411	-.378
40	240	.035	.107	.468	-.287	40	321	.057	.103	.246	-.469	40	371	.008	.109	.372	-.344
40	241	.017	.108	.392	-.334	40	322	.038	.109	.290	-.547	40	401	-.131	.126	.253	-.548
40	242	.007	.108	.377	-.380	40	323	.138	.138	.314	-.676	40	402	-.115	.113	.247	-.466
40	243	.016	.105	.371	-.340	40	324	.186	.132	.219	-.801	40	403	-.110	.120	.297	-.605
40	244	.002	.105	.354	-.313	40	325	.070	.104	.356	-.427	40	404	-.112	.123	.306	-.510
40	245	.015	.100	.305	-.370	40	326	.057	.094	.229	-.404	40	405	-.133	.121	.306	-.622
40	246	.038	.108	.352	-.472	40	327	.043	.106	.328	-.428	40	406	-.120	.134	.287	-.841
40	247	.059	.113	.433	-.505	40	328	.167	.131	.248	-.748	40	407	-.115	.112	.269	-.503
40	248	.004	.114	.355	-.370	40	329	.181	.136	.378	-.683	40	408	-.128	.121	.251	-.572
40	249	.006	.106	.337	-.384	40	330	.080	.099	.306	-.396	40	409	-.125	.128	.309	-.583
40	250	.004	.110	.376	-.334	40	331	.057	.109	.221	-.511	40	410	-.114	.121	.285	-.532
40	251	.001	.119	.406	-.385	40	332	.043	.103	.239	-.606	40	411	-.114	.127	.371	-.511
40	252	.010	.116	.444	-.486	40	333	.139	.127	.260	-.532	40	412	-.128	.125	.281	-.607
40	253	.011	.117	.390	-.430	40	334	.167	.121	.302	-.726	40	413	-.128	.119	.272	-.641
40	254	.010	.109	.336	-.348	40	335	.076	.105	.245	-.479	40	414	-.126	.126	.315	-.663

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	415	- .107	.127	.401	- .513	40	465	- .100	.112	.311	- .476	40	515	- .123	.126	.292	- .621
40	416	- .106	.120	.263	- .496	40	466	- .094	.118	.285	- .495	40	516	- .113	.116	.248	- .525
40	417	- .112	.124	.316	- .520	40	467	- .089	.124	.386	- .509	40	517	- .124	.118	.254	- .508
40	418	- .114	.125	.312	- .895	40	468	- .090	.117	.348	- .509	40	518	- .118	.126	.263	- .661
40	419	- .113	.126	.270	- .530	40	469	- .107	.123	.300	- .589	40	519	- .126	.114	.215	- .627
40	420	- .108	.116	.344	- .477	40	470	- .100	.110	.248	- .521	40	520	- .119	.128	.280	- .635
40	421	- .099	.123	.391	- .588	40	471	- .111	.116	.261	- .477	40	521	- .123	.124	.307	- .567
40	422	- .103	.123	.285	- .510	40	472	- .106	.127	.284	- .653	40	522	- .115	.107	.215	- .541
40	423	- .104	.120	.293	- .479	40	473	- .108	.114	.261	- .546	40	523	- .116	.121	.262	- .570
40	424	- .108	.123	.387	- .541	40	474	- .098	.125	.319	- .520	40	524	- .114	.115	.279	- .490
40	425	- .112	.119	.250	- .582	40	475	- .100	.120	.317	- .570	40	525	- .125	.114	.217	- .556
40	426	- .118	.133	.288	- .551	40	476	- .094	.110	.271	- .489	40	526	- .125	.132	.253	- .568
40	427	- .122	.122	.320	- .575	40	477	- .121	.125	.342	- .531	40	527	- .121	.116	.289	- .496
40	428	- .113	.127	.349	- .566	40	478	- .117	.117	.262	- .492	40	528	- .121	.127	.289	- .553
40	429	- .101	.124	.367	- .669	40	479	- .108	.113	.252	- .512	40	529	- .106	.120	.282	- .523
40	430	- .095	.110	.254	- .452	40	480	- .106	.131	.302	- .523	40	530	- .108	.124	.285	- .523
40	431	- .101	.116	.289	- .541	40	481	- .100	.115	.242	- .521	40	531	- .125	.124	.291	- .488
40	432	- .105	.112	.299	- .493	40	482	- .100	.121	.314	- .479	40	532	- .112	.118	.319	- .537
40	433	- .106	.106	.222	- .488	40	483	- .103	.118	.303	- .549	40	533	- .116	.116	.205	- .559
40	434	- .102	.128	.307	- .566	40	484	- .104	.120	.310	- .491	40	534	- .112	.127	.282	- .540
40	435	- .102	.114	.277	- .524	40	485	- .113	.122	.329	- .476	40	535	- .125	.122	.263	- .532
40	436	- .100	.117	.326	- .532	40	486	- .107	.115	.273	- .523	40	536	- .115	.121	.271	- .547
40	437	- .105	.119	.262	- .615	40	487	- .112	.113	.223	- .575	40	537	- .126	.121	.254	- .543
40	438	- .106	.120	.292	- .485	40	488	- .108	.126	.294	- .505	40	538	- .121	.129	.417	- .645
40	439	- .113	.122	.337	- .499	40	489	- .116	.119	.267	- .503	40	539	- .124	.131	.270	- .636
40	440	- .104	.112	.238	- .470	40	490	- .104	.119	.287	- .538	40	540	- .122	.125	.232	- .680
40	441	- .108	.115	.239	- .475	40	491	- .106	.117	.276	- .489	40	541	- .094	.124	.347	- .487
40	442	- .101	.123	.298	- .515	40	492	- .097	.124	.427	- .524	40	542	- .096	.122	.430	- .489
40	443	- .108	.116	.295	- .520	40	493	- .122	.135	.325	- .743	40	543	- .095	.117	.305	- .467
40	444	- .096	.117	.304	- .602	40	494	- .121	.127	.308	- .532	40	544	- .099	.121	.240	- .530
40	445	- .116	.112	.237	- .506	40	495	- .106	.127	.300	- .499	40	545	- .095	.120	.296	- .514
40	446	- .103	.098	.262	- .416	40	496	- .108	.121	.276	- .523	40	546	- .101	.118	.269	- .637
40	447	- .101	.114	.226	- .545	40	497	- .100	.111	.300	- .455	40	547	- .103	.123	.290	- .534
40	448	- .104	.116	.332	- .494	40	498	- .103	.131	.315	- .550	40	548	- .107	.118	.282	- .580
40	449	- .101	.122	.268	- .515	40	499	- .114	.114	.250	- .552	40	549	- .105	.107	.219	- .597
40	450	- .101	.123	.270	- .511	40	500	- .110	.121	.360	- .467	40	550	- .093	.095	.225	- .469
40	451	- .099	.113	.296	- .468	40	501	- .108	.121	.303	- .516	40	551	- .094	.110	.315	- .464
40	452	- .096	.128	.307	- .501	40	502	- .112	.120	.280	- .520	40	552	- .092	.110	.279	- .500
40	453	- .103	.113	.264	- .552	40	503	- .112	.126	.395	- .538	40	553	- .089	.112	.315	- .500
40	454	- .098	.119	.366	- .477	40	504	- .113	.115	.285	- .470	40	554	- .080	.117	.294	- .457
40	455	- .100	.117	.297	- .505	40	505	- .114	.125	.328	- .520	40	555	- .078	.116	.379	- .416
40	456	- .100	.119	.265	- .485	40	506	- .115	.121	.262	- .638	40	556	- .079	.117	.379	- .498
40	457	- .097	.121	.375	- .498	40	507	- .109	.124	.318	- .466	40	557	- .089	.111	.265	- .393
40	458	- .093	.115	.319	- .456	40	508	- .107	.127	.282	- .535	40	558	- .081	.118	.283	- .498
40	459	- .092	.122	.287	- .512	40	509	- .127	.129	.328	- .570	40	559	- .086	.118	.309	- .559
40	460	- .095	.118	.261	- .492	40	510	- .124	.125	.294	- .596	40	560	- .087	.124	.326	- .493
40	461	- .115	.124	.305	- .579	40	511	- .109	.114	.273	- .458	40	561	- .109	.118	.291	- .561
40	462	- .113	.119	.261	- .501	40	512	- .108	.122	.291	- .543	40	562	- .113	.121	.218	- .559
40	463	- .105	.123	.365	- .495	40	513	- .096	.124	.371	- .501	40	601	- .161	.147	.298	- .832
40	464	- .104	.121	.322	- .537	40	514	- .102	.121	.347	- .534	40	602	- .138	.136	.372	- .759

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	603	- .126	.131	.272	- .579	40	802	- .079	.116	.269	- .506	50	106	- .068	.133	.382	- .553
40	604	- .135	.136	.326	- .570	40	803	- .098	.120	.286	- .490	50	107	- .104	.120	.452	- .524
40	605	- .140	.132	.332	- .681	40	804	- .082	.119	.354	- .550	50	108	- .128	.173	.667	- .645
40	606	- .113	.126	.289	- .594	40	805	- .091	.119	.342	- .526	50	109	- .039	.162	.552	- .643
40	607	- .115	.117	.314	- .553	40	806	- .102	.128	.333	- .699	50	110	- .058	.163	.556	- .560
40	608	- .109	.132	.361	- .553	40	807	- .049	.124	.420	- .464	50	111	- .147	.151	.470	- .606
40	609	- .100	.125	.303	- .545	40	901	- .101	.106	.262	- .546	50	112	- .110	.137	.385	- .568
40	610	- .100	.124	.337	- .536	40	902	- .080	.117	.347	- .493	50	113	- .159	.124	.353	- .547
40	611	- .139	.140	.279	- .789	40	903	- .099	.114	.282	- .493	50	114	- .198	.150	.486	- .615
40	612	- .145	.140	.251	- .978	40	904	- .104	.122	.251	- .496	50	115	- .184	.152	.483	- .669
40	613	- .132	.132	.259	- .620	40	905	- .092	.141	.380	- .787	50	116	- .244	.138	.235	- .813
40	614	- .125	.128	.248	- .926	40	906	- .090	.146	.376	- .661	50	117	- .072	.131	.691	- .350
40	615	- .110	.122	.363	- .520	40	907	- .090	.118	.398	- .556	50	118	- .115	.137	.640	- .403
40	616	- .129	.134	.375	- .719	40	908	- .106	.128	.269	- .566	50	119	- .131	.141	.728	- .279
40	617	- .122	.133	.347	- .773	40	909	- .129	.124	.264	- .560	50	120	- .139	.169	.780	- .465
40	618	- .129	.127	.295	- .611	40	910	- .147	.117	.215	- .588	50	121	- .125	.170	.693	- .424
40	619	- .115	.134	.385	- .607	40	911	- .080	.126	.462	- .535	50	122	- .058	.147	.692	- .447
40	620	- .124	.139	.329	- .716	40	912	- .126	.141	.321	- .593	50	123	- .010	.122	.400	- .395
40	621	- .131	.142	.375	- .759	40	913	- .102	.134	.317	- .567	50	124	- .064	.120	.430	- .482
40	622	- .129	.132	.238	- .695	40	914	- .124	.131	.316	- .567	50	125	- .222	.149	.349	- .727
40	623	- .130	.136	.316	- .675	40	915	- .143	.138	.312	- .623	50	126	- .157	.129	.300	- .667
40	624	- .129	.118	.322	- .521	40	916	- .101	.117	.324	- .540	50	127	- .175	.133	.356	- .586
40	625	- .129	.135	.325	- .630	40	917	- .134	.122	.223	- .614	50	128	- .192	.122	.234	- .654
40	626	- .131	.127	.341	- .675	40	918	- .142	.125	.271	- .574	50	129	- .182	.132	.270	- .626
40	627	- .129	.130	.295	- .699	40	919	- .127	.129	.279	- .608	50	130	- .157	.130	.287	- .663
40	628	- .124	.121	.373	- .544	40	920	- .139	.136	.323	- .563	50	131	- .193	.125	.279	- .772
40	629	- .126	.128	.259	- .526	40	921	- .078	.127	.338	- .502	50	132	- .170	.121	.261	- .575
40	630	- .128	.131	.266	- .720	40	922	- .132	.127	.285	- .702	50	133	- .138	.130	.309	- .609
40	631	- .123	.122	.298	- .608	40	923	- .183	.147	.279	- .728	50	134	- .042	.143	.601	- .493
40	632	- .121	.127	.314	- .567	40	924	- .068	.127	.480	- .427	50	135	- .083	.158	.673	- .649
40	633	- .135	.134	.247	- .701	40	925	- .085	.129	.683	- .314	50	136	- .148	.146	.681	- .343
40	634	- .135	.125	.284	- .710	40	926	- .094	.119	.459	- .361	50	137	- .217	.143	.719	- .235
40	635	- .133	.124	.254	- .587	40	927	- .095	.130	.563	- .365	50	138	- .271	.166	.859	- .283
40	636	- .127	.126	.350	- .556	40	928	- .089	.117	.474	- .365	50	139	- .264	.175	.858	- .221
40	637	- .130	.126	.293	- .759	40	929	- .090	.118	.528	- .274	50	140	- .197	.172	.776	- .234
40	638	- .127	.115	.274	- .500	40	930	- .082	.115	.536	- .284	50	141	- .165	.162	.806	- .329
40	639	- .129	.125	.262	- .526	40	931	- .087	.113	.486	- .215	50	142	- .062	.138	.547	- .342
40	640	- .125	.130	.322	- .575	40	932	- .085	.115	.462	- .295	50	143	- .011	.131	.421	- .427
40	641	- .125	.127	.241	- .668	40	933	- .087	.116	.473	- .308	50	144	- .068	.143	.392	- .699
40	642	- .136	.131	.346	- .030	40	934	- .075	.117	.465	- .313	50	145	- .070	.148	.461	- .566
40	643	- .130	.117	.208	- .602	40	935	- .068	.114	.450	- .302	50	146	- .129	.168	.425	- .747
40	644	- .134	.120	.223	- .621	40	936	- .073	.117	.471	- .355	50	147	- .109	.166	.433	- .768
40	645	- .126	.129	.257	- .671	40	937	- .128	.134	.351	- .628	50	148	- .046	.162	.523	- .601
40	646	- .112	.119	.257	- .626	40	938	- .137	.136	.265	- .112	50	149	- .003	.140	.444	- .532
40	647	- .117	.108	.246	- .478	40	939	- .110	.129	.318	- .628	50	150	- .012	.133	.513	- .566
40	648	- .109	.120	.300	- .493	50	101	- .149	.139	.814	- .359	50	151	- .030	.134	.507	- .527
40	649	- .093	.124	.414	- .568	50	102	- .168	.149	.721	- .460	50	152	- .077	.117	.464	- .298
40	650	- .136	.131	.282	- .614	50	103	- .166	.158	.713	- .447	50	153	- .178	.102	.566	- .129
40	651	- .093	.122	.265	- .530	50	104	- .091	.155	.522	- .459	50	154	- .302	.143	.760	- .136
40	801	- .001	.114	.376	- .413	50	105	- .139	.168	.395	- .854	50	155	- .317	.154	.802	- .246

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	156	.315	.173	1.102	-.173	50	206	.200	.137	.731	-.219	50	256	-.020	.116	.307	-.557
50	157	.258	.170	.877	-.340	50	207	.197	.132	.797	-.168	50	257	-.065	.123	.319	-.490
50	158	.145	.148	.736	-.281	50	208	.080	.132	.532	-.361	50	258	-.081	.110	.369	-.465
50	159	.141	.145	.821	-.258	50	209	-.000	.113	.400	-.454	50	259	-.126	.128	.368	-.504
50	160	.052	.132	.518	-.420	50	210	-.159	.145	.264	-.669	50	260	-.022	.114	.401	-.412
50	161	-.008	.135	.460	-.447	50	211	-.161	.154	.457	-.668	50	261	.000	.114	.375	-.400
50	162	-.128	.184	.416	-.960	50	212	-.002	.126	.363	-.609	50	262	.009	.109	.384	-.363
50	163	-.128	.192	.492	-.818	50	213	-.007	.109	.428	-.442	50	263	.012	.109	.331	-.321
50	164	-.022	.190	.608	-.834	50	214	-.032	.107	.426	-.483	50	264	-.004	.120	.399	-.501
50	165	.024	.151	.492	-.551	50	215	-.071	.110	.326	-.492	50	265	-.023	.116	.616	-.415
50	166	.012	.137	.571	-.654	50	216	-.065	.121	.541	-.357	50	266	-.023	.121	.366	-.487
50	167	-.041	.124	.480	-.470	50	217	.139	.115	.557	-.228	50	267	-.051	.121	.462	-.454
50	168	.042	.115	.469	-.414	50	218	.209	.123	.683	-.119	50	268	-.143	.119	.249	-.557
50	169	.174	.127	.615	-.269	50	219	.243	.125	.638	-.175	50	269	-.164	.124	.343	-.528
50	170	.294	.133	.835	-.117	50	220	.235	.135	.825	-.152	50	301	-.081	.119	.412	-.494
50	171	.311	.151	.796	-.107	50	221	.187	.130	.650	-.181	50	302	-.023	.125	.421	-.571
50	172	.327	.149	.937	-.073	50	222	.149	.121	.567	-.210	50	303	-.066	.160	.528	-.615
50	173	.291	.152	.849	-.279	50	223	.125	.113	.574	-.244	50	304	-.237	.123	.216	-.685
50	174	.213	.145	.779	-.242	50	224	.035	.124	.645	-.352	50	305	-.139	.151	.519	-.809
50	175	.189	.133	.660	-.213	50	225	-.019	.108	.439	-.386	50	306	-.217	.157	.280	-.929
50	176	.080	.126	.585	-.371	50	226	-.133	.132	.308	-.606	50	307	-.199	.133	.237	-.641
50	177	.013	.135	.559	-.578	50	227	-.114	.133	.317	-.610	50	308	-.185	.133	.228	-.703
50	178	-.122	.200	.482	-.009	50	228	-.007	.132	.441	-.479	50	309	-.229	.164	.147	-.635
50	179	.130	.194	.661	-.893	50	229	.005	.111	.505	-.389	50	310	-.159	.122	.296	-.556
50	180	.006	.178	.635	-.852	50	230	-.040	.113	.403	-.421	50	311	-.141	.131	.287	-.586
50	181	.032	.145	.608	-.700	50	231	-.072	.105	.291	-.442	50	312	-.211	.140	.307	-.780
50	182	.003	.138	.443	-.689	50	232	-.033	.110	.421	-.351	50	313	-.173	.121	.279	-.579
50	183	.043	.123	.437	-.426	50	233	.087	.113	.633	-.265	50	314	-.185	.128	.219	-.734
50	184	.035	.124	.489	-.345	50	234	.226	.133	.819	-.221	50	315	-.075	.113	.282	-.472
50	185	.161	.123	.736	-.325	50	235	.245	.130	.739	-.213	50	316	-.056	.106	.266	-.413
50	186	.288	.135	.752	-.147	50	236	.286	.144	.814	-.138	50	317	-.048	.109	.320	-.454
50	187	.300	.143	.815	-.188	50	237	.276	.146	.802	-.148	50	318	-.110	.131	.327	-.608
50	188	.306	.157	.898	-.266	50	238	.175	.121	.657	-.183	50	319	-.246	.169	.231	-.1084
50	189	.272	.144	.967	-.153	50	239	.139	.114	.505	-.307	50	320	-.075	.103	.311	-.414
50	190	.239	.144	.823	-.163	50	240	-.085	.107	.326	-.393	50	321	-.045	.103	.333	-.432
50	191	.226	.145	.966	-.251	50	241	-.031	.104	.262	-.388	50	322	-.019	.120	.371	-.547
50	192	.092	.120	.553	-.278	50	242	-.074	.115	.390	-.589	50	323	-.245	.175	.364	-.887
50	193	.003	.126	.437	-.519	50	243	-.064	.109	.267	-.485	50	324	-.243	.154	.242	-.1037
50	194	.154	.171	.387	-.558	50	244	-.033	.107	.381	-.373	50	325	-.079	.112	.245	-.543
50	195	.126	.181	.549	-.916	50	245	-.039	.103	.294	-.369	50	326	-.052	.100	.279	-.370
50	196	.005	.139	.507	-.558	50	246	-.071	.106	.257	-.400	50	327	-.037	.123	.311	-.713
50	197	.017	.122	.397	-.568	50	247	-.094	.114	.246	-.588	50	328	-.240	.171	.275	-.992
50	198	.020	.116	.439	-.412	50	248	-.035	.130	.436	-.449	50	329	-.259	.161	.269	-.906
50	199	.054	.112	.378	-.459	50	249	-.012	.113	.379	-.438	50	330	-.078	.101	.254	-.384
50	200	.055	.120	.564	-.453	50	250	-.006	.110	.465	-.481	50	331	-.047	.101	.271	-.354
50	201	.152	.132	.685	-.262	50	251	.001	.124	.401	-.448	50	332	-.012	.122	.360	-.600
50	202	.266	.130	.731	-.159	50	252	-.041	.116	.322	-.421	50	333	-.227	.158	.292	-.821
50	203	.278	.140	.718	-.171	50	253	-.027	.114	.346	-.393	50	334	-.242	.153	.248	-.798
50	204	.272	.143	.718	-.197	50	254	-.017	.107	.345	-.343	50	335	-.077	.103	.273	-.482
50	205	.265	.133	.769	-.100	50	255	-.008	.108	.327	-.384	50	336	-.040	.100	.276	-.371

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	337	- .003	.113	.362	-.458	50	416	- .146	.131	.296	-.617	50	466	- .138	.122	.270	-.594
50	338	- .178	.166	.423	-.894	50	417	- .162	.114	.210	-.522	50	467	- .142	.116	.215	-.559
50	339	- .204	.159	.327	-.710	50	418	- .170	.119	.173	-.611	50	468	- .136	.116	.245	-.502
50	340	- .056	.104	.287	-.378	50	419	- .169	.133	.283	-.589	50	469	- .138	.129	.267	-.536
50	341	- .024	.097	.289	-.381	50	420	- .162	.118	.243	-.697	50	470	- .144	.116	.253	-.525
50	342	- .026	.105	.348	-.347	50	421	- .142	.130	.346	-.678	50	471	- .139	.125	.319	-.593
50	343	- .094	.157	.329	-.619	50	422	- .148	.123	.230	-.618	50	472	- .142	.124	.325	-.537
50	344	- .124	.152	.336	-.660	50	423	- .149	.122	.267	-.571	50	473	- .146	.127	.227	-.547
50	345	- .049	.105	.287	-.403	50	424	- .156	.122	.341	-.655	50	474	- .136	.122	.326	-.556
50	346	- .002	.105	.482	-.368	50	425	- .161	.119	.227	-.561	50	475	- .130	.121	.265	-.504
50	347	- .032	.109	.411	-.318	50	426	- .169	.123	.227	-.544	50	476	- .133	.127	.306	-.528
50	348	- .013	.121	.355	-.473	50	427	- .155	.136	.285	-.704	50	477	- .147	.125	.444	-.609
50	349	- .043	.124	.429	-.475	50	428	- .152	.128	.291	-.690	50	478	- .150	.124	.265	-.534
50	350	- .031	.121	.419	-.492	50	429	- .139	.123	.268	-.589	50	479	- .136	.117	.244	-.544
50	351	- .009	.139	.516	-.466	50	430	- .150	.129	.308	-.602	50	480	- .138	.118	.326	-.570
50	352	- .013	.129	.401	-.499	50	431	- .145	.120	.456	-.516	50	481	- .140	.120	.282	-.563
50	353	- .003	.117	.405	-.373	50	432	- .160	.119	.219	-.552	50	482	- .138	.115	.257	-.582
50	354	- .014	.111	.365	-.343	50	433	- .151	.116	.271	-.516	50	483	- .139	.120	.247	-.533
50	355	- .079	.122	.344	-.577	50	434	- .143	.115	.291	-.528	50	484	- .137	.107	.259	-.548
50	356	- .049	.121	.333	-.443	50	435	- .149	.121	.274	-.635	50	485	- .145	.109	.204	-.513
50	357	- .023	.127	.367	-.540	50	436	- .147	.115	.250	-.654	50	486	- .138	.115	.291	-.583
50	358	- .022	.119	.393	-.508	50	437	- .148	.120	.208	-.532	50	487	- .147	.116	.293	-.577
50	359	- .044	.138	.456	-.426	50	438	- .149	.104	.216	-.502	50	488	- .148	.126	.343	-.596
50	360	- .040	.123	.636	-.346	50	439	- .151	.108	.169	-.561	50	489	- .151	.118	.280	-.560
50	361	- .022	.117	.398	-.393	50	440	- .141	.115	.306	-.579	50	490	- .142	.126	.250	-.625
50	362	- .000	.112	.345	-.431	50	441	- .141	.117	.276	-.594	50	491	- .137	.117	.207	-.521
50	363	- .136	.123	.253	-.555	50	442	- .145	.124	.350	-.589	50	492	- .139	.113	.219	-.481
50	364	- .069	.129	.585	-.463	50	443	- .146	.114	.247	-.532	50	493	- .152	.131	.326	-.606
50	365	- .104	.119	.545	-.305	50	444	- .141	.122	.235	-.591	50	494	- .151	.118	.264	-.662
50	366	- .131	.125	.544	-.359	50	445	- .150	.115	.162	-.570	50	495	- .147	.121	.311	-.577
50	367	- .111	.121	.470	-.320	50	446	- .147	.092	.145	-.439	50	496	- .141	.125	.266	-.509
50	368	- .088	.118	.590	-.402	50	447	- .143	.117	.291	-.552	50	497	- .149	.120	.290	-.563
50	369	- .073	.114	.510	-.259	50	448	- .146	.112	.226	-.612	50	498	- .151	.120	.266	-.543
50	370	- .030	.107	.325	-.374	50	449	- .143	.121	.294	-.559	50	499	- .156	.116	.221	-.524
50	371	- .001	.113	.450	-.494	50	450	- .138	.126	.293	-.501	50	500	- .149	.119	.340	-.549
50	401	- .148	.127	.440	-.688	50	451	- .138	.120	.293	-.559	50	501	- .148	.119	.272	-.546
50	402	- .151	.133	.275	-.614	50	452	- .137	.118	.241	-.490	50	502	- .153	.121	.209	-.601
50	403	- .140	.124	.268	-.540	50	453	- .142	.116	.234	-.504	50	503	- .149	.128	.337	-.665
50	404	- .150	.122	.275	-.599	50	454	- .137	.118	.362	-.556	50	504	- .152	.117	.262	-.619
50	405	- .171	.137	.232	-.605	50	455	- .135	.117	.294	-.539	50	505	- .154	.129	.279	-.606
50	406	- .165	.131	.277	-.658	50	456	- .143	.120	.215	-.602	50	506	- .153	.113	.229	-.584
50	407	- .164	.114	.237	-.583	50	457	- .137	.127	.355	-.623	50	507	- .145	.114	.250	-.513
50	408	- .192	.127	.240	-.642	50	458	- .139	.118	.303	-.651	50	508	- .146	.130	.306	-.615
50	409	- .171	.140	.283	-.598	50	459	- .135	.129	.299	-.560	50	509	- .163	.120	.243	-.592
50	410	- .174	.123	.219	-.544	50	460	- .135	.114	.239	-.583	50	510	- .165	.124	.208	-.575
50	411	- .189	.130	.235	-.639	50	461	- .148	.118	.268	-.574	50	511	- .156	.115	.193	-.586
50	412	- .183	.128	.269	-.629	50	462	- .149	.133	.308	-.646	50	512	- .152	.125	.284	-.610
50	413	- .193	.130	.240	-.744	50	463	- .137	.119	.274	-.498	50	513	- .158	.117	.199	-.595
50	414	- .180	.131	.243	-.611	50	464	- .137	.119	.244	-.547	50	514	- .154	.118	.278	-.505
50	415	- .148	.121	.298	-.504	50	465	- .143	.113	.251	-.531	50	515	- .152	.129	.253	-.584

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	516	-157	121	247	-560	50	604	-245	140	122	-688	50	803	-164	115	297	-552
50	517	-152	126	306	-572	50	605	-187	121	310	-793	50	804	-136	123	287	-537
50	518	-155	121	278	-556	50	606	-191	118	185	-590	50	805	-164	113	246	-628
50	519	-164	125	209	-543	50	607	-200	131	214	-647	50	806	-140	120	207	-597
50	520	-155	120	278	-571	50	608	-161	125	223	-614	50	807	-064	128	355	-507
50	521	-149	121	237	-521	50	609	-146	119	243	-606	50	901	-147	118	238	-604
50	522	-153	126	264	-509	50	610	-150	122	306	-582	50	902	-125	128	365	-583
50	523	-148	121	440	-583	50	611	-166	125	272	-716	50	903	-188	120	277	-609
50	524	-151	122	275	-533	50	612	-166	127	252	-811	50	904	-181	130	230	-612
50	525	-169	114	259	-581	50	613	-154	130	259	-706	50	905	-118	151	538	-692
50	526	-163	117	284	-571	50	614	-160	138	281	-774	50	906	-130	131	308	-584
50	527	-162	120	250	-627	50	615	-159	126	291	-537	50	907	-140	117	290	-563
50	528	-158	115	249	-665	50	616	-160	130	278	-691	50	908	-191	121	222	-533
50	529	-153	118	211	-542	50	617	-161	142	247	-685	50	909	-236	129	230	-763
50	530	-153	108	221	-551	50	618	-155	127	235	-781	50	910	-194	130	223	-802
50	531	-158	111	208	-534	50	619	-160	127	272	-577	50	911	-208	138	423	-742
50	532	-148	114	285	-592	50	620	-163	140	357	-720	50	912	-162	133	278	-695
50	533	-152	118	303	-606	50	621	-153	123	234	-639	50	913	-166	121	327	-600
50	534	-154	126	350	-621	50	622	-160	122	250	-552	50	914	-141	140	401	-741
50	535	-158	119	272	-575	50	623	-156	129	252	-550	50	915	-175	134	221	-675
50	536	-153	128	235	-628	50	624	-168	135	271	-849	50	916	-153	111	220	-702
50	537	-150	117	171	-565	50	625	-165	130	262	-732	50	917	-180	123	244	-660
50	538	-153	114	247	-509	50	626	-150	119	253	-582	50	918	-162	108	212	-558
50	539	-147	128	278	-657	50	627	-142	121	315	-852	50	919	-222	130	231	-627
50	540	-149	115	252	-634	50	628	-153	120	255	-565	50	920	-233	137	287	-749
50	541	-149	111	248	-483	50	629	-166	126	238	-689	50	921	-076	129	526	-563
50	542	-158	123	224	-582	50	630	-161	132	235	-644	50	922	-199	137	253	-695
50	543	-158	119	245	-534	50	631	-152	119	238	-617	50	923	-217	140	193	-661
50	544	-161	124	268	-557	50	632	-155	129	249	-612	50	924	-183	133	742	-212
50	545	-158	124	261	-652	50	633	-163	119	199	-605	50	925	-230	139	766	-156
50	546	-150	114	195	-531	50	634	-164	115	205	-629	50	926	-228	139	738	-174
50	547	-157	117	305	-528	50	635	-171	135	308	-756	50	927	-223	142	828	-188
50	548	-160	121	261	-578	50	636	-156	117	241	-576	50	928	-195	144	724	-271
50	549	-153	104	229	-543	50	637	-164	123	232	-571	50	929	-165	125	621	-175
50	550	-164	087	072	-471	50	638	-168	115	183	-595	50	930	-106	124	515	-296
50	551	-155	115	277	-519	50	639	-168	129	262	-639	50	931	-211	136	752	-206
50	552	-154	109	294	-477	50	640	-177	118	198	-638	50	932	-228	129	752	-187
50	553	-160	105	294	-536	50	641	-164	120	195	-567	50	933	-201	120	665	-172
50	554	-155	117	206	-635	50	642	-160	133	262	-597	50	934	-176	119	639	-187
50	555	-166	116	200	-570	50	643	-164	121	228	-699	50	935	-191	124	633	-261
50	556	-148	108	203	-460	50	644	-165	129	265	-705	50	936	-177	129	775	-236
50	557	-148	105	208	-459	50	645	-169	125	287	-690	50	937	-218	122	228	-679
50	558	-150	114	241	-551	50	646	-166	118	271	-632	50	938	-188	131	268	-821
50	559	-153	113	243	-516	50	647	-178	108	137	-548	50	939	-195	130	199	-639
50	560	-129	117	268	-519	50	648	-167	112	184	-575	60	101	-131	136	668	-356
50	561	-177	112	258	-551	50	649	-167	124	167	-602	60	102	-164	139	683	-315
50	562	-202	131	261	-646	50	650	-173	126	244	-590	60	103	-189	141	756	-210
50	601	-173	118	292	-596	50	651	-167	126	237	-567	60	104	-116	141	659	-375
50	602	-187	125	202	-813	50	801	-049	119	407	-408	60	105	-071	163	524	-582
50	603	-183	129	203	-758	50	802	-154	123	237	-561	60	106	-034	130	455	-473

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	107	-.098	.119	.333	-.546	60	157	.275	.148	.965	-.131	60	207	.174	.128	.695	-.300
60	108	-.175	.140	.350	-.807	60	158	.236	.139	.906	-.128	60	208	-.054	.108	.416	-.286
60	109	-.068	.127	.386	-.478	60	159	.213	.142	.826	-.240	60	209	-.045	.112	.308	-.589
60	110	-.092	.151	.501	-.538	60	160	.084	.129	.558	-.366	60	210	-.216	.127	.247	-.706
60	111	-.172	.152	.409	-.781	60	161	.007	.121	.399	-.421	60	211	-.234	.147	.209	-.831
60	112	-.098	.129	.358	-.557	60	162	-.204	.137	.300	-.849	60	212	-.037	.124	.372	-.660
60	113	-.188	.123	.237	-.657	60	163	-.206	.154	.398	-.807	60	213	-.044	.110	.375	-.468
60	114	-.252	.137	.294	-.724	60	164	-.025	.130	.416	-.610	60	214	-.074	.113	.347	-.497
60	115	-.204	.143	.411	-.779	60	165	-.018	.123	.487	-.765	60	215	-.121	.107	.192	-.536
60	116	-.283	.120	.102	-.797	60	166	-.050	.122	.453	-.564	60	216	.071	.127	.478	-.430
60	117	.017	.122	.479	-.388	60	167	-.101	.117	.497	-.545	60	217	.152	.120	.611	-.224
60	118	.069	.128	.555	-.336	60	168	.061	.137	.570	-.461	60	218	.212	.127	.658	-.232
60	119	.082	.135	.513	-.364	60	169	.157	.132	.609	-.293	60	219	.225	.119	.670	-.161
60	120	.082	.132	.595	-.309	60	170	.263	.132	.780	-.214	60	220	.233	.127	.690	-.179
60	121	.128	.152	.716	-.374	60	171	.275	.127	.800	-.072	60	221	.188	.121	.616	-.140
60	122	.100	.143	.656	-.425	60	172	.306	.143	.745	-.250	60	222	.153	.117	.563	-.228
60	123	.039	.132	.502	-.407	60	173	.297	.143	.764	-.125	60	223	.118	.118	.517	-.290
60	124	.014	.129	.558	-.535	60	174	.246	.135	.826	-.170	60	224	.007	.129	.480	-.430
60	125	.232	.144	.197	-.821	60	175	.209	.130	.764	-.143	60	225	-.056	.120	.371	-.463
60	126	.169	.116	.223	-.563	60	176	.093	.122	.631	-.259	60	226	-.224	.134	.276	-.744
60	127	.200	.120	.332	-.709	60	177	-.003	.119	.458	-.374	60	227	-.216	.134	.304	-.676
60	128	.224	.118	.141	-.638	60	178	.225	.161	.357	-.889	60	228	-.079	.125	.330	-.536
60	129	.227	.114	.287	-.618	60	179	-.207	.160	.395	-.942	60	229	-.057	.109	.341	-.494
60	130	.217	.123	.213	-.707	60	180	.037	.153	.483	-.665	60	230	-.095	.113	.331	-.542
60	131	.226	.124	.226	-.711	60	181	-.020	.120	.351	-.506	60	231	-.119	.110	.237	-.481
60	132	.214	.120	.177	-.703	60	182	.058	.110	.380	-.473	60	232	.039	.130	.583	-.386
60	133	.195	.114	.220	-.600	60	183	-.096	.109	.285	-.496	60	233	.085	.115	.486	-.298
60	134	.009	.140	.523	-.456	60	184	.070	.136	.551	-.440	60	234	.203	.118	.627	-.195
60	135	.015	.145	.526	-.521	60	185	.130	.123	.710	-.243	60	235	.233	.130	.788	-.155
60	136	.074	.119	.567	-.309	60	186	.264	.136	.790	-.150	60	236	.248	.119	.742	-.172
60	137	.161	.140	.777	-.286	60	187	.272	.130	.816	-.250	60	237	.239	.126	.718	-.177
60	138	.226	.144	.754	-.251	60	188	.274	.131	.713	-.231	60	238	.167	.130	.692	-.251
60	139	.220	.138	.757	-.273	60	189	.260	.141	.828	-.163	60	239	.120	.119	.532	-.229
60	140	.247	.160	.886	-.205	60	190	.229	.121	.680	-.169	60	240	-.046	.097	.254	-.448
60	141	.220	.140	.749	-.265	60	191	.219	.131	.787	-.188	60	241	-.090	.112	.269	-.576
60	142	.145	.131	.646	-.316	60	192	.075	.121	.544	-.296	60	242	-.167	.127	.278	-.679
60	143	.045	.132	.577	-.389	60	193	-.018	.121	.402	-.393	60	243	-.131	.109	.291	-.500
60	144	-.010	.136	.547	-.541	60	194	.210	.132	.263	-.637	60	244	-.081	.109	.303	-.485
60	145	-.048	.136	.530	-.618	60	195	-.225	.151	.306	-.810	60	245	-.079	.113	.284	-.477
60	146	-.217	.153	.318	-.826	60	196	.046	.136	.584	-.619	60	246	-.124	.115	.216	-.549
60	147	-.150	.138	.304	-.697	60	197	-.023	.108	.393	-.329	60	247	-.142	.102	.192	-.549
60	148	-.072	.120	.411	-.547	60	198	.071	.112	.408	-.427	60	248	-.068	.132	.339	-.756
60	149	-.061	.119	.424	-.623	60	199	.103	.112	.300	-.493	60	249	-.043	.122	.395	-.496
60	150	-.081	.113	.289	-.421	60	200	.074	.142	.534	-.383	60	250	-.022	.118	.382	-.385
60	151	-.096	.109	.309	-.415	60	201	.145	.126	.800	-.279	60	251	-.011	.116	.336	-.422
60	152	.102	.131	.707	-.311	60	202	.229	.134	.876	-.184	60	252	-.045	.110	.289	-.485
60	153	.156	.118	.581	-.123	60	203	.251	.121	.759	-.115	60	253	-.023	.123	.492	-.432
60	154	.260	.137	.802	-.130	60	204	.247	.128	.728	-.124	60	254	-.003	.116	.377	-.425
60	155	.261	.136	.746	-.181	60	205	.225	.122	1.086	-.179	60	255	-.009	.117	.391	-.437
60	156	.282	.145	.765	-.172	60	206	.187	.130	.717	-.275	60	256	-.038	.134	.444	-.431

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	257	-.104	.117	.276	-.470	60	338	-.117	.188	.467	-.873	60	417	-.179	.111	.189	-.579
60	258	-.137	.124	.259	-.579	60	339	-.143	.174	.363	-.866	60	418	-.182	.125	.339	-.755
60	259	-.172	.122	.265	-.573	60	340	-.093	.104	.227	-.438	60	419	-.184	.123	.309	-.589
60	260	-.009	.120	.413	-.399	60	341	-.035	.099	.306	-.354	60	420	-.170	.123	.220	-.586
60	261	.026	.121	.407	-.343	60	342	-.024	.120	.464	-.419	60	421	-.169	.125	.238	-.643
60	262	.027	.128	.500	-.406	60	343	-.057	.164	.346	-.718	60	422	-.178	.122	.290	-.627
60	263	.029	.118	.435	-.361	60	344	-.100	.152	.381	-.684	60	423	-.181	.128	.296	-.604
60	264	.006	.118	.409	-.360	60	345	-.089	.104	.265	-.452	60	424	-.188	.118	.169	-.699
60	265	-.027	.123	.447	-.462	60	346	-.049	.113	.396	-.482	60	425	-.181	.124	.269	-.575
60	266	-.027	.125	.382	-.441	60	347	-.012	.111	.383	-.360	60	426	-.190	.119	.201	-.656
60	267	-.072	.127	.394	-.529	60	348	-.025	.131	.398	-.525	60	427	-.161	.129	.271	-.673
60	268	-.209	.130	.199	-.724	60	349	-.049	.123	.350	-.513	60	428	-.167	.119	.217	-.619
60	269	-.221	.126	.155	-.671	60	350	-.008	.127	.433	-.407	60	429	-.163	.132	.284	-.625
60	301	-.095	.114	.284	-.476	60	351	.016	.138	.550	-.488	60	430	-.160	.128	.305	-.674
60	302	-.044	.129	.324	-.494	60	352	.038	.125	.469	-.410	60	431	-.169	.119	.277	-.545
60	303	-.111	.179	.453	-.860	60	353	.039	.124	.602	-.441	60	432	-.168	.117	.266	-.553
60	304	-.262	.131	.206	-.695	60	354	.022	.126	.426	-.566	60	433	-.170	.120	.262	-.582
60	305	-.172	.136	.302	-.656	60	355	-.104	.122	.263	-.496	60	434	-.169	.123	.209	-.578
60	306	-.246	.148	.361	-.723	60	356	.062	.133	.398	-.497	60	435	-.168	.117	.218	-.514
60	307	-.205	.123	.205	-.701	60	357	.033	.128	.479	-.706	60	436	-.171	.115	.233	-.588
60	308	-.211	.123	.209	-.694	60	358	.020	.136	.478	-.491	60	437	-.179	.112	.278	-.534
60	309	-.259	.113	.156	-.649	60	359	.067	.134	.518	-.444	60	438	-.177	.117	.234	-.559
60	310	-.172	.122	.227	-.594	60	360	.073	.123	.461	-.437	60	439	-.178	.118	.193	-.664
60	311	-.140	.124	.315	-.597	60	361	.059	.122	.479	-.293	60	440	-.176	.110	.173	-.535
60	312	-.195	.151	.487	-.741	60	362	.024	.126	.521	-.358	60	441	-.184	.124	.250	-.586
60	313	-.209	.120	.189	-.683	60	363	.189	.125	.211	-.629	60	442	-.175	.124	.297	-.727
60	314	-.211	.125	.190	-.678	60	364	.073	.120	.533	-.301	60	443	-.167	.111	.211	-.548
60	315	-.106	.105	.248	-.459	60	365	.118	.136	.541	-.393	60	444	-.166	.115	.190	-.578
60	316	-.076	.115	.319	-.546	60	366	.136	.127	.524	-.321	60	445	-.164	.109	.278	-.641
60	317	-.061	.114	.280	-.578	60	367	.151	.127	.601	-.267	60	446	-.161	.083	.124	-.487
60	318	-.101	.135	.302	-.697	60	368	.124	.131	.533	-.324	60	447	-.156	.102	.236	-.440
60	319	-.197	.186	.331	-.812	60	369	.116	.119	.476	-.269	60	448	-.162	.111	.175	-.553
60	320	-.107	.108	.243	-.506	60	370	.077	.127	.527	-.319	60	449	-.168	.115	.252	-.516
60	321	-.057	.103	.275	-.357	60	371	.048	.126	.424	-.407	60	450	-.166	.116	.268	-.600
60	322	-.003	.126	.501	-.550	60	401	-.167	.124	.282	-.726	60	451	-.169	.117	.261	-.569
60	323	-.159	.179	.512	-.852	60	402	-.158	.128	.257	-.720	60	452	-.167	.113	.214	-.551
60	324	-.180	.173	.488	-.847	60	403	-.159	.131	.272	-.621	60	453	-.169	.123	.280	-.378
60	325	-.106	.104	.219	-.496	60	404	-.163	.115	.211	-.549	60	454	-.178	.114	.157	-.648
60	326	.063	.110	.288	-.395	60	405	-.173	.132	.244	-.650	60	455	-.173	.125	.300	-.558
60	327	.002	.119	.340	-.737	60	406	-.167	.119	.211	-.524	60	456	-.183	.120	.243	-.596
60	328	-.177	.176	.413	-.734	60	407	-.168	.112	.255	-.544	60	457	-.173	.123	.216	-.636
60	329	-.171	.174	.434	-.722	60	408	-.211	.123	.201	-.611	60	458	-.162	.123	.241	-.576
60	330	-.112	.107	.267	-.477	60	409	-.197	.117	.175	-.583	60	459	-.167	.119	.315	-.551
60	331	-.066	.104	.340	-.462	60	410	-.194	.121	.266	-.591	60	460	-.162	.119	.336	-.561
60	332	-.016	.111	.333	-.557	60	411	-.195	.130	.264	-.630	60	461	-.159	.108	.190	-.534
60	333	-.136	.192	.408	-.769	60	412	-.179	.119	.292	-.602	60	462	-.169	.123	.234	-.591
60	334	-.170	.166	.350	-.987	60	413	-.188	.133	.201	-.667	60	463	-.154	.122	.250	-.582
60	335	-.109	.102	.284	-.445	60	414	-.190	.125	.223	-.592	60	464	-.163	.119	.259	-.552
60	336	-.061	.112	.287	-.514	60	415	-.163	.125	.249	-.608	60	465	-.164	.127	.250	-.590
60	337	.021	.116	.415	-.596	60	416	-.169	.122	.241	-.617	60	466	-.161	.116	.262	-.525

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	467	-178	124	244	-569	60	517	-186	115	201	-594	60	605	-227	126	193	-621
60	468	-174	113	258	-572	60	518	-182	118	196	-579	60	606	-210	133	291	-673
60	469	-175	110	148	-525	60	519	-182	123	247	-603	60	607	-217	135	264	-731
60	470	-179	116	228	-549	60	520	-189	116	221	-589	60	608	-180	127	229	-630
60	471	-181	116	196	-596	60	521	-185	130	221	-643	60	609	-165	127	244	-587
60	472	-175	120	225	-557	60	522	-180	126	253	-753	60	610	-171	120	223	-564
60	473	-174	126	262	-639	60	523	-182	122	304	-594	60	611	-167	123	251	-673
60	474	-176	119	246	-572	60	524	-181	115	251	-563	60	612	-166	129	260	-680
60	475	-170	133	291	-645	60	525	-194	119	238	-570	60	613	-169	121	211	-570
60	476	-167	127	292	-734	60	526	-194	123	189	-584	60	614	-178	136	351	-767
60	477	-172	123	295	-557	60	527	-186	118	214	-532	60	615	-173	123	246	-709
60	478	-165	120	300	-597	60	528	-192	119	214	-613	60	616	-162	118	289	-559
60	479	-159	119	274	-521	60	529	-193	113	229	-563	60	617	-162	122	224	-657
60	480	-168	125	235	-566	60	530	-189	116	251	-601	60	618	-166	120	328	-641
60	481	-170	120	231	-540	60	531	-185	119	233	-702	60	619	-171	119	241	-589
60	482	-177	119	241	-596	60	532	-186	111	187	-594	60	620	-171	121	260	-524
60	483	-182	115	258	-564	60	533	-192	124	218	-624	60	621	-160	116	221	-534
60	484	-177	117	265	-594	60	534	-185	122	264	-672	60	622	-166	117	262	-595
60	485	-179	119	228	-671	60	535	-182	114	193	-569	60	623	-161	113	241	-686
60	486	-182	111	177	-573	60	536	-182	119	178	-572	60	624	-178	121	215	-554
60	487	-190	123	214	-585	60	537	-181	119	270	-668	60	625	-178	117	181	-639
60	488	-183	123	268	-666	60	538	-182	111	187	-563	60	626	-158	124	303	-626
60	489	-179	114	198	-549	60	539	-182	120	319	-544	60	627	-161	113	178	-519
60	490	-179	118	189	-588	60	540	-180	118	235	-576	60	628	-158	125	333	-614
60	491	-173	117	268	-627	60	541	-184	120	207	-543	60	629	-180	121	252	-626
60	492	-173	110	184	-524	60	542	-178	116	185	-608	60	630	-180	129	196	-686
60	493	-171	119	253	-530	60	543	-178	115	317	-519	60	631	-154	125	249	-588
60	494	-174	116	214	-572	60	544	-178	111	243	-603	60	632	-165	119	316	-507
60	495	-170	116	276	-575	60	545	-187	111	223	-600	60	633	-172	120	310	-575
60	496	-172	114	253	-613	60	546	-191	110	173	-631	60	634	-173	110	177	-541
60	497	-182	117	236	-545	60	547	-181	113	173	-542	60	635	-185	121	214	-597
60	498	-183	113	168	-542	60	548	-181	111	228	-497	60	636	-173	121	256	-698
60	499	-183	123	296	-649	60	549	-182	107	175	-530	60	637	-180	117	187	-629
60	500	-187	114	186	-641	60	550	-190	095	136	-560	60	638	-185	130	241	-625
60	501	-179	124	287	-584	60	551	-187	107	139	-485	60	639	-183	114	258	-522
60	502	-192	122	253	-576	60	552	-185	108	189	-549	60	640	-195	124	225	-619
60	503	-188	124	181	-689	60	553	-187	108	144	-506	60	641	-190	117	231	-619
60	504	-177	123	224	-604	60	554	-186	108	169	-545	60	642	-186	110	148	-541
60	505	-185	118	310	-538	60	555	-179	107	133	-612	60	643	-190	115	228	-536
60	506	-182	119	303	-569	60	556	-190	108	226	-518	60	644	-196	115	161	-589
60	507	-172	112	193	-610	60	557	-186	115	177	-597	60	645	-192	120	228	-567
60	508	-180	120	187	-610	60	558	-181	115	162	-557	60	646	-201	120	190	-627
60	509	-182	123	239	-652	60	559	-179	126	258	-650	60	647	-199	115	204	-525
60	510	-185	120	196	-588	60	560	-156	112	238	-534	60	648	-197	119	226	-549
60	511	-181	130	247	-612	60	561	-214	120	183	-637	60	649	-194	116	165	-632
60	512	-177	117	247	-514	60	562	-248	125	159	-689	60	650	-191	121	331	-673
60	513	-191	123	232	-594	60	601	-174	122	189	-557	60	651	-186	114	250	-585
60	514	-192	115	258	-638	60	602	-185	122	234	-665	60	801	-046	111	443	-339
60	515	-186	112	162	-549	60	603	-190	129	243	-701	60	802	-224	123	175	-618
60	516	-189	119	221	-554	60	604	-292	137	113	-835	60	803	-192	113	168	-548

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	804	- .157	.114	.291	-.488	70	108	- .218	.139	.465	-.656	70	158	.213	.142	.682	-.185
60	805	- .199	.118	.240	-.586	70	109	- .115	.131	.366	-.564	70	159	.192	.148	.785	-.282
60	806	- .174	.139	.339	-.710	70	110	- .135	.126	.341	-.600	70	160	.068	.142	.559	-.369
60	807	- .083	.127	.310	-.509	70	111	- .216	.137	.282	-.673	70	161	- .023	.123	.545	-.382
60	901	- .193	.109	.190	-.592	70	112	- .140	.121	.479	-.517	70	162	- .279	.155	.314	-.891
60	902	- .159	.129	.344	-.614	70	113	- .215	.119	.190	-.674	70	163	- .276	.151	.233	-.959
60	903	- .195	.117	.177	-.590	70	114	- .283	.121	.224	-.667	70	164	- .072	.136	.396	-.608
60	904	- .197	.121	.168	-.620	70	115	- .231	.135	.275	-.771	70	165	- .064	.117	.308	-.510
60	905	- .121	.134	.434	-.550	70	116	- .312	.121	.086	-.797	70	166	- .085	.106	.380	-.478
60	906	- .164	.129	.394	-.619	70	117	- .028	.131	.591	-.430	70	167	- .131	.114	.238	-.535
60	907	- .190	.119	.352	-.582	70	118	- .054	.140	.739	-.379	70	168	- .148	.154	.684	-.387
60	908	- .226	.122	.259	-.603	70	119	- .058	.135	.627	-.313	70	169	- .193	.134	.688	-.276
60	909	- .277	.140	.141	-.887	70	120	- .054	.143	.638	-.395	70	170	- .260	.141	.878	-.182
60	910	- .198	.111	.141	-.704	70	121	- .061	.138	.530	-.346	70	171	- .272	.135	.730	-.158
60	911	- .234	.132	.197	-.749	70	122	- .062	.130	.481	-.350	70	172	- .287	.140	.878	-.078
60	912	- .185	.128	.200	-.626	70	123	- .026	.134	.449	-.384	70	173	- .269	.151	.779	-.115
60	913	- .233	.125	.248	-.685	70	124	- .048	.135	.543	-.515	70	174	- .214	.127	.757	-.167
60	914	- .155	.133	.420	-.622	70	125	- .241	.130	.234	-.829	70	175	- .192	.129	.613	-.231
60	915	- .194	.132	.241	-.638	70	126	- .192	.124	.170	-.663	70	176	- .043	.136	.463	-.598
60	916	- .202	.119	.230	-.727	70	127	- .222	.114	.190	-.584	70	177	- .054	.125	.549	-.475
60	917	- .204	.129	.279	-.674	70	128	- .238	.114	.108	-.626	70	178	- .287	.165	.425	-.963
60	918	- .216	.112	.212	-.665	70	129	- .242	.115	.141	-.669	70	179	- .304	.157	.222	-.832
60	919	- .226	.135	.192	-.685	70	130	- .233	.112	.138	-.640	70	180	- .094	.146	.366	-.765
60	920	- .259	.123	.153	-.686	70	131	- .254	.133	.170	-.896	70	181	- .066	.103	.356	-.497
60	921	- .102	.130	.390	-.504	70	132	- .244	.115	.152	-.782	70	182	- .098	.113	.261	-.496
60	922	- .229	.132	.240	-.697	70	133	- .219	.113	.181	-.630	70	183	- .127	.108	.277	-.536
60	923	- .250	.131	.290	-.705	70	134	- .019	.147	.636	-.461	70	184	- .120	.142	.603	-.344
60	924	- .175	.132	.737	-.296	70	135	- .005	.136	.560	-.466	70	185	- .201	.137	.686	-.265
60	925	- .227	.126	.694	-.187	70	136	- .085	.133	.587	-.294	70	186	- .236	.130	.741	-.125
60	926	- .229	.137	.722	-.185	70	137	- .159	.137	.703	-.253	70	187	- .273	.134	.748	-.292
60	927	- .238	.128	.713	-.202	70	138	- .193	.146	.681	-.287	70	188	- .255	.133	.799	-.148
60	928	- .225	.141	.818	-.178	70	139	- .208	.139	.680	-.261	70	189	- .245	.125	.780	-.158
60	929	- .179	.137	.786	-.252	70	140	- .180	.142	.725	-.239	70	190	- .194	.121	.584	-.133
60	930	- .105	.134	.688	-.309	70	141	- .188	.146	.709	-.245	70	191	- .160	.120	.616	-.190
60	931	- .243	.138	.862	-.181	70	142	- .115	.136	.627	-.392	70	192	- .019	.128	.515	-.350
60	932	- .220	.133	.713	-.204	70	143	- .027	.130	.546	-.352	70	193	- .075	.126	.461	-.536
60	933	- .226	.132	.715	-.181	70	144	- .037	.136	.540	-.452	70	194	- .271	.142	.152	-.767
60	934	- .208	.137	.639	-.182	70	145	- .065	.129	.512	-.563	70	195	- .287	.157	.341	-.895
60	935	- .227	.135	.904	-.181	70	146	- .240	.148	.349	-.935	70	196	- .138	.158	.356	-.734
60	936	- .188	.138	.712	-.255	70	147	- .156	.126	.313	-.605	70	197	- .073	.113	.329	-.610
60	937	- .238	.129	.212	-.670	70	148	- .089	.120	.303	-.508	70	198	- .105	.114	.350	-.562
60	938	- .204	.124	.217	-.642	70	149	- .090	.112	.313	-.629	70	199	- .140	.102	.255	-.467
60	939	- .194	.129	.286	-.602	70	150	- .111	.112	.346	-.498	70	200	- .135	.139	.711	-.361
70	101	- .132	.135	.597	-.402	70	151	- .120	.103	.260	-.481	70	201	- .173	.134	.698	-.334
70	102	- .146	.139	.550	-.434	70	152	- .141	.137	.594	-.356	70	202	- .253	.131	.739	-.139
70	103	- .153	.142	.620	-.294	70	153	- .220	.132	.743	-.111	70	203	- .224	.136	.915	-.189
70	104	- .075	.141	.591	-.374	70	154	- .263	.129	.694	-.112	70	204	- .256	.132	.757	-.144
70	105	- .125	.161	.433	-.679	70	155	- .254	.142	.802	-.154	70	205	- .226	.123	.654	-.146
70	106	- .072	.131	.446	-.569	70	156	- .291	.144	.877	-.162	70	206	- .172	.128	.628	-.255
70	107	- .131	.119	.221	-.495	70	157	- .239	.153	.796	-.259	70	207	- .134	.120	.521	-.350

MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	208	.005	.120	.468	-.369	70	258	-.173	.117	.252	-.642	70	339	-.060	.164	.437	-.687
70	209	-.101	.127	.283	-.629	70	259	-.205	.122	.229	-.575	70	340	-.094	.105	.296	-.509
70	210	-.308	.144	.199	-.836	70	260	-.052	.125	.495	-.412	70	341	-.042	.107	.308	-.380
70	211	-.341	.168	.134	-1.185	70	261	.060	.120	.483	-.355	70	342	.045	.115	.408	-.405
70	212	-.113	.138	.364	-.689	70	262	.057	.115	.401	-.332	70	343	-.010	.161	.556	-.609
70	213	-.082	.121	.317	-.874	70	263	.055	.125	.521	-.346	70	344	-.038	.156	.470	-.884
70	214	-.125	.113	.296	-.655	70	264	.031	.122	.479	-.389	70	345	-.101	.106	.271	-.485
70	215	-.150	.106	.203	-.544	70	265	-.035	.126	.446	-.427	70	346	-.045	.117	.379	-.476
70	216	-.110	.129	.613	-.277	70	266	-.047	.121	.365	-.480	70	347	.019	.103	.379	-.322
70	217	.159	.126	.529	-.265	70	267	-.112	.121	.338	-.512	70	348	-.008	.117	.482	-.385
70	218	.219	.120	.580	-.227	70	268	-.258	.126	.198	-.670	70	349	-.029	.128	.447	-.528
70	219	.234	.128	.691	-.125	70	269	-.274	.122	.250	-.706	70	350	-.002	.133	.418	-.464
70	220	.218	.120	.644	-.148	70	301	-.094	.122	.435	-.512	70	351	.052	.131	.560	-.493
70	221	.195	.121	.616	-.192	70	302	-.026	.142	.513	-.449	70	352	.075	.127	.501	-.420
70	222	.125	.124	.531	-.345	70	303	-.071	.192	.454	-.938	70	353	.079	.124	.451	-.300
70	223	.109	.113	.492	-.212	70	304	-.274	.123	.226	-.688	70	354	.042	.125	.539	-.364
70	224	-.032	.120	.378	-.391	70	305	-.201	.138	.370	-.673	70	355	-.110	.114	.280	-.528
70	225	-.114	.114	.320	-.502	70	306	-.280	.142	.240	-.823	70	356	-.069	.124	.420	-.502
70	226	-.280	.130	.093	-.784	70	307	-.236	.128	.200	-.745	70	357	.031	.122	.494	-.490
70	227	-.274	.131	.167	-.802	70	308	-.244	.129	.195	-.746	70	358	.006	.132	.485	-.490
70	228	-.156	.140	.213	-.675	70	309	-.325	.129	.104	-.810	70	359	.094	.129	.576	-.388
70	229	-.100	.113	.269	-.481	70	310	-.185	.130	.318	-.627	70	360	.118	.127	.545	-.459
70	230	-.124	.110	.240	-.496	70	311	-.130	.136	.282	-.576	70	361	.091	.122	.516	-.337
70	231	-.165	.103	.182	-.499	70	312	-.143	.167	.332	-.653	70	362	.047	.115	.380	-.353
70	232	.037	.114	.441	-.461	70	313	-.242	.124	.300	-.691	70	363	-.198	.128	.244	-.632
70	233	.097	.115	.491	-.369	70	314	-.246	.139	.229	-.700	70	364	.075	.126	.474	-.293
70	234	.201	.122	.674	-.186	70	315	-.090	.111	.246	-.433	70	365	.121	.123	.598	-.273
70	235	.229	.114	.694	-.153	70	316	-.056	.115	.348	-.471	70	366	.141	.122	.565	-.243
70	236	.250	.130	.725	-.078	70	317	-.027	.117	.372	-.448	70	367	.153	.122	.539	-.224
70	237	.200	.119	.563	-.165	70	318	-.045	.140	.341	-.586	70	368	.143	.122	.677	-.285
70	238	.124	.121	.752	-.243	70	319	-.110	.167	.468	-.735	70	369	.126	.115	.551	-.264
70	239	.092	.114	.481	-.246	70	320	-.089	.116	.376	-.515	70	370	.096	.117	.509	-.424
70	240	-.072	.113	.301	-.424	70	321	-.030	.117	.363	-.435	70	371	.057	.115	.548	-.294
70	241	-.137	.116	.454	-.510	70	322	-.042	.128	.459	-.515	70	401	-.187	.127	.194	-.664
70	242	-.260	.141	.229	-.723	70	323	-.035	.200	.734	-.771	70	402	-.174	.109	.226	-.559
70	243	-.190	.113	.175	-.624	70	324	-.050	.175	.512	-.848	70	403	-.178	.126	.261	-.667
70	244	-.130	.119	.296	-.532	70	325	-.104	.113	.267	-.453	70	404	-.186	.128	.191	-.715
70	245	-.130	.106	.212	-.448	70	326	-.043	.107	.334	-.443	70	405	-.196	.126	.220	-.608
70	246	-.159	.114	.198	-.534	70	327	-.025	.124	.468	-.636	70	406	-.187	.109	.154	-.576
70	247	-.168	.111	.175	-.534	70	328	-.060	.187	.461	-.711	70	407	-.197	.116	.201	-.641
70	248	.069	.136	.399	-.797	70	329	-.070	.186	.513	-.750	70	408	-.225	.131	.190	-.763
70	249	.069	.129	.346	-.520	70	330	-.121	.115	.264	-.562	70	409	-.222	.127	.204	-.686
70	250	.032	.122	.333	-.439	70	331	-.051	.105	.339	-.383	70	410	-.217	.114	.139	-.725
70	251	.025	.117	.367	-.456	70	332	-.040	.114	.399	-.535	70	411	-.203	.114	.258	-.627
70	252	.086	.114	.222	-.531	70	333	-.045	.183	.449	-.711	70	412	-.208	.119	.180	-.635
70	253	.007	.115	.395	-.461	70	334	-.067	.174	.518	-.677	70	413	-.200	.125	.248	-.583
70	254	.025	.120	.425	-.325	70	335	-.106	.116	.271	-.523	70	414	-.199	.119	.251	-.696
70	255	.016	.118	.482	-.413	70	336	-.046	.107	.392	-.456	70	415	-.188	.115	.358	-.544
70	256	.055	.130	.331	-.512	70	337	-.045	.120	.488	-.383	70	416	-.189	.121	.304	-.572
70	257	.135	.115	.310	-.616	70	338	-.035	.179	.516	-.778	70	417	-.209	.125	.222	-.621

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	418	-202	.119	.185	-.544	70	468	-.196	.109	.147	-.544	70	518	-.213	.106	.104	-.550
70	419	-.201	.121	.157	-.625	70	469	-.205	.119	.250	-.573	70	519	-.207	.120	.176	-.629
70	420	-.195	.122	.226	-.676	70	470	-.201	.129	.253	-.609	70	520	-.210	.128	.219	-.641
70	421	-.185	.124	.277	-.582	70	471	-.207	.117	.190	-.609	70	521	-.214	.123	.219	-.650
70	422	-.190	.111	.268	-.635	70	472	-.203	.110	.138	-.546	70	522	-.207	.108	.185	-.577
70	423	-.220	.122	.225	-.672	70	473	-.197	.123	.201	-.621	70	523	-.207	.121	.182	-.632
70	424	-.197	.118	.242	-.583	70	474	-.199	.130	.211	-.683	70	524	-.210	.122	.362	-.621
70	425	-.205	.126	.154	-.673	70	475	-.194	.126	.244	-.695	70	525	-.222	.122	.155	-.653
70	426	-.212	.124	.175	-.596	70	476	-.188	.108	.223	-.612	70	526	-.227	.121	.162	-.748
70	427	-.182	.122	.204	-.576	70	477	-.181	.119	.217	-.591	70	527	-.218	.117	.185	-.607
70	428	-.185	.128	.229	-.608	70	478	-.179	.123	.345	-.621	70	528	-.217	.115	.192	-.642
70	429	-.185	.125	.265	-.611	70	479	-.178	.124	.228	-.633	70	529	-.228	.116	.176	-.650
70	430	-.180	.106	.209	-.564	70	480	-.187	.122	.217	-.671	70	530	-.219	.115	.162	-.552
70	431	-.188	.121	.194	-.580	70	481	-.189	.117	.237	-.574	70	531	-.220	.107	.134	-.560
70	432	-.193	.121	.341	-.601	70	482	-.197	.118	.210	-.636	70	532	-.213	.119	.205	-.636
70	433	-.196	.120	.167	-.639	70	483	-.214	.118	.195	-.638	70	533	-.206	.116	.217	-.620
70	434	-.196	.117	.141	-.639	70	484	-.207	.118	.165	-.552	70	534	-.208	.126	.192	-.731
70	435	-.192	.115	.204	-.642	70	485	-.212	.107	.159	-.555	70	535	-.208	.124	.182	-.644
70	436	-.195	.116	.201	-.627	70	486	-.208	.120	.252	-.663	70	536	-.205	.124	.204	-.577
70	437	-.201	.117	.138	-.598	70	487	-.206	.116	.234	-.615	70	537	-.201	.125	.162	-.675
70	438	-.209	.120	.188	-.586	70	488	-.207	.125	.154	-.687	70	538	-.212	.111	.170	-.586
70	439	-.218	.110	.172	-.589	70	489	-.207	.124	.207	-.645	70	539	-.203	.125	.247	-.705
70	440	-.215	.122	.222	-.676	70	490	-.201	.123	.228	-.571	70	540	-.211	.127	.225	-.644
70	441	-.210	.124	.269	-.624	70	491	-.193	.127	.183	-.710	70	541	-.203	.111	.209	-.574
70	442	-.204	.123	.132	-.649	70	492	-.204	.110	.162	-.591	70	542	-.213	.112	.197	-.611
70	443	-.195	.120	.214	-.623	70	493	-.191	.127	.308	-.677	70	543	-.210	.112	.150	-.571
70	444	-.192	.120	.213	-.549	70	494	-.195	.123	.232	-.606	70	544	-.212	.115	.126	-.558
70	445	-.174	.117	.167	-.517	70	495	-.186	.118	.194	-.583	70	545	-.216	.117	.200	-.571
70	446	-.179	.081	.114	-.436	70	496	-.199	.116	.183	-.584	70	546	-.219	.119	.115	-.626
70	447	-.169	.108	.220	-.571	70	497	-.212	.123	.194	-.586	70	547	-.212	.114	.116	-.584
70	448	-.186	.118	.241	-.584	70	498	-.212	.120	.216	-.554	70	548	-.208	.115	.186	-.582
70	449	-.180	.116	.258	-.584	70	499	-.209	.121	.165	-.659	70	549	-.205	.102	.130	-.508
70	450	-.186	.118	.213	-.581	70	500	-.203	.115	.197	-.568	70	550	-.222	.082	.033	-.471
70	451	-.195	.123	.199	-.603	70	501	-.221	.116	.252	-.584	70	551	-.205	.121	.219	-.575
70	452	-.192	.119	.199	-.559	70	502	-.206	.107	.216	-.535	70	552	-.202	.106	.229	-.562
70	453	-.197	.121	.172	-.651	70	503	-.212	.124	.271	-.608	70	553	-.205	.113	.139	-.605
70	454	-.195	.115	.225	-.577	70	504	-.215	.122	.130	-.623	70	554	-.207	.107	.201	-.611
70	455	-.216	.118	.252	-.618	70	505	-.212	.121	.183	-.621	70	555	-.215	.114	.142	-.622
70	456	-.201	.108	.232	-.559	70	506	-.210	.119	.161	-.583	70	556	-.205	.109	.100	-.553
70	457	-.200	.123	.264	-.576	70	507	-.205	.120	.147	-.651	70	557	-.205	.109	.114	-.557
70	458	-.196	.122	.183	-.651	70	508	-.210	.122	.237	-.666	70	558	-.197	.109	.160	-.509
70	459	-.189	.120	.213	-.588	70	509	-.214	.120	.191	-.610	70	559	-.207	.116	.173	-.667
70	460	-.184	.119	.220	-.573	70	510	-.207	.116	.219	-.662	70	560	-.182	.108	.265	-.520
70	461	-.181	.120	.192	-.597	70	511	-.205	.119	.177	-.577	70	561	-.238	.116	.176	-.642
70	462	-.183	.121	.279	-.627	70	512	-.213	.117	.142	-.615	70	562	-.280	.126	.206	-.698
70	463	-.179	.112	.278	-.538	70	513	-.216	.111	.161	-.599	70	601	-.204	.124	.164	-.789
70	464	-.177	.116	.235	-.627	70	514	-.217	.109	.134	-.602	70	602	-.214	.118	.194	-.654
70	465	-.183	.121	.246	-.544	70	515	-.219	.120	.216	-.610	70	603	-.215	.118	.140	-.714
70	466	-.192	.117	.178	-.614	70	516	-.213	.130	.240	-.621	70	604	-.287	.135	.133	-.826
70	467	-.194	.109	.187	-.568	70	517	-.217	.115	.162	-.586	70	605	-.241	.124	.177	-.660

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	606	-228	122	189	-695	70	805	-222	114	173	-596	80	109	-140	139	422	-606
70	607	-230	121	168	-605	70	806	-220	131	207	-660	80	110	-166	136	346	-642
70	608	-191	118	194	-651	70	807	-109	142	335	-612	80	111	-250	124	321	-659
70	609	-182	117	284	-627	70	901	-220	114	191	-597	80	112	-190	117	265	-645
70	610	-186	111	290	-605	70	902	-167	123	358	-583	80	113	-249	113	116	-677
70	611	-178	118	200	-533	70	903	-206	123	176	-627	80	114	-310	134	175	-723
70	612	-184	114	235	-605	70	904	-215	115	204	-631	80	115	-261	128	179	-767
70	613	-182	127	269	-734	70	905	-166	135	376	-650	80	116	-333	125	050	-857
70	614	-183	120	249	-688	70	906	-187	123	251	-628	80	117	-049	130	543	-380
70	615	-175	116	273	-585	70	907	-233	115	152	-722	80	118	-042	148	754	-410
70	616	-171	128	310	-624	70	908	-233	126	138	-631	80	119	-042	141	580	-410
70	617	-170	123	236	-583	70	909	-284	130	088	-741	80	120	-053	145	607	-337
70	618	-170	127	216	-550	70	910	-215	112	166	-555	80	121	-053	143	600	-453
70	619	-183	115	227	-553	70	911	-271	118	090	-714	80	122	-017	123	660	-409
70	620	-180	125	287	-667	70	912	-200	118	214	-653	80	123	-039	118	471	-402
70	621	-176	124	255	-634	70	913	-235	114	137	-666	80	124	-097	134	357	-535
70	622	-168	114	257	-546	70	914	-179	129	351	-630	80	125	-288	129	142	-856
70	623	-176	114	204	-555	70	915	-211	126	223	-621	80	126	-206	113	236	-728
70	624	-180	118	175	-617	70	916	-237	112	126	-667	80	127	-237	117	164	-649
70	625	-182	122	241	-642	70	917	-232	134	185	-699	80	128	-245	113	171	-602
70	626	-170	124	241	-676	70	918	-277	131	163	-827	80	129	-258	115	099	-662
70	627	-167	112	213	-559	70	919	-256	125	115	-777	80	130	-254	121	102	-721
70	628	-186	114	273	-567	70	920	-295	121	116	-723	80	131	-246	123	174	-644
70	629	-179	108	211	-556	70	921	-132	125	333	-542	80	132	-237	115	171	-648
70	630	-186	125	323	-570	70	922	-253	132	161	-643	80	133	-240	109	131	-626
70	631	-186	119	206	-604	70	923	-274	141	157	-776	80	134	-076	155	733	-449
70	632	-183	116	178	-558	70	924	-211	133	735	-312	80	135	-002	142	583	-470
70	633	-187	118	151	-558	70	925	-243	143	936	-164	80	136	-097	142	717	-342
70	634	-187	119	203	-604	70	926	-236	132	843	-189	80	137	-174	145	729	-272
70	635	-200	122	309	-654	70	927	-205	136	903	-244	80	138	-212	153	802	-219
70	636	-204	116	253	-606	70	928	-208	146	847	-206	80	139	-192	146	703	-256
70	637	-198	113	200	-657	70	929	-150	136	668	-250	80	140	-172	146	699	-236
70	638	-201	118	175	-665	70	930	-075	134	700	-438	80	141	-136	133	740	-262
70	639	-208	116	160	-651	70	931	-215	128	624	-152	80	142	-064	133	579	-327
70	640	-208	111	192	-559	70	932	-213	131	624	-198	80	143	-005	127	624	-392
70	641	-212	109	119	-564	70	933	-187	120	671	-173	80	144	-068	129	512	-532
70	642	-215	121	172	-646	70	934	-200	129	698	-211	80	145	-128	128	325	-764
70	643	-214	125	213	-634	70	935	-186	125	636	-171	80	146	-372	169	100	-969
70	644	-225	117	141	-615	70	936	-182	140	587	-301	80	147	-227	132	239	-654
70	645	-223	109	130	-626	70	937	-249	120	218	-654	80	148	-158	121	259	-620
70	646	-202	117	174	-596	70	938	-222	130	316	-761	80	149	-151	110	269	-625
70	647	-210	113	247	-547	70	939	-212	121	166	-609	80	150	-147	099	279	-477
70	648	-211	110	182	-557	80	101	-151	148	731	-380	80	151	-151	105	211	-529
70	649	-229	113	200	-645	80	102	-137	143	661	-361	80	152	-224	153	804	-207
70	650	-215	114	149	-566	80	103	-125	142	632	-321	80	153	-250	123	760	-135
70	651	-218	115	127	-584	80	104	-036	145	555	-476	80	154	-272	133	675	-108
70	801	-048	114	388	-306	80	105	-197	182	446	-887	80	155	-267	141	830	-135
70	802	-258	131	180	-778	80	106	-113	137	304	-644	80	156	-251	145	786	-158
70	803	-217	113	122	-614	80	107	-178	112	177	-558	80	157	-227	144	763	-266
70	804	-181	117	196	-580	80	108	-240	144	270	-628	80	158	-147	134	588	-289

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	159	138	138	640	-320	80	209	188	133	325	-803	80	259	210	125	177	-755
80	160	032	143	673	-470	80	210	404	139	072	-1000	80	260	049	126	557	-339
80	161	124	132	324	-573	80	211	398	161	082	-1137	80	261	075	117	478	-272
80	162	391	156	123	-1029	80	212	252	171	197	-872	80	262	074	122	481	-330
80	163	420	172	119	-954	80	213	180	144	297	-891	80	263	066	116	526	-313
80	164	189	164	314	-763	80	214	164	113	230	-642	80	264	024	125	517	-398
80	165	129	125	345	-956	80	215	177	109	197	-555	80	265	066	130	314	-461
80	166	137	114	262	-642	80	216	145	132	590	-350	80	266	073	123	348	-500
80	167	168	118	236	-583	80	217	178	119	614	-224	80	267	140	126	372	-520
80	168	217	144	766	-179	80	218	231	136	722	-220	80	268	299	130	108	-766
80	169	261	134	872	-214	80	219	209	130	787	-185	80	269	295	132	111	-780
80	170	277	133	681	-103	80	220	192	119	541	-225	80	301	064	139	370	-494
80	171	273	145	886	-185	80	221	185	124	600	-288	80	302	014	143	554	-543
80	172	276	144	717	-179	80	222	091	114	527	-302	80	303	035	200	676	-848
80	173	227	143	756	-268	80	223	078	119	484	-325	80	304	033	142	157	-745
80	174	149	133	663	-294	80	224	094	115	298	-487	80	305	211	159	441	-635
80	175	135	133	646	-356	80	225	182	112	189	-537	80	306	278	148	180	-781
80	176	053	130	458	-444	80	226	374	132	078	-872	80	307	228	140	246	-917
80	177	154	130	437	-584	80	227	369	143	102	-958	80	308	266	144	270	-729
80	178	443	165	094	-1069	80	228	253	147	186	-916	80	309	369	130	019	-813
80	179	423	159	207	-941	80	229	171	115	234	-594	80	310	182	142	383	-606
80	180	231	180	333	-1059	80	230	175	107	157	-531	80	311	103	155	462	-587
80	181	165	143	311	-855	80	231	195	115	156	-659	80	312	112	187	567	-824
80	182	155	120	254	-626	80	232	102	126	594	-299	80	313	264	124	121	-709
80	183	167	108	219	-573	80	233	111	117	574	-258	80	314	295	133	182	-788
80	184	200	149	736	-282	80	234	215	126	766	-130	80	315	075	117	343	-570
80	185	241	143	844	-227	80	235	256	139	903	-207	80	316	032	123	383	-515
80	186	289	142	798	-136	80	236	247	125	765	-134	80	317	015	124	517	-455
80	187	232	126	728	-103	80	237	188	115	647	-144	80	318	028	140	889	-516
80	188	240	131	720	-162	80	238	106	120	509	-315	80	319	018	157	535	-703
80	189	243	136	764	-218	80	239	051	117	538	-302	80	320	079	108	256	-431
80	190	169	128	620	-223	80	240	131	107	314	-579	80	321	003	119	497	-444
80	191	112	120	584	-295	80	241	204	118	169	-615	80	322	109	137	704	-299
80	192	059	129	385	-470	80	242	321	140	119	-786	80	323	091	179	698	-594
80	193	180	125	256	-629	80	243	254	127	208	-763	80	324	092	185	610	-472
80	194	408	148	080	-988	80	244	175	111	271	-554	80	325	080	112	388	-453
80	195	435	165	038	-1091	80	245	162	105	152	-561	80	326	002	109	422	-369
80	196	227	178	291	-938	80	246	183	115	210	-589	80	327	125	133	634	-260
80	197	145	131	320	-802	80	247	200	111	183	-602	80	328	107	181	768	-524
80	198	151	115	309	-557	80	248	055	146	384	-611	80	329	069	186	615	-920
80	199	167	103	151	-537	80	249	099	141	382	-590	80	330	084	118	382	-434
80	200	182	144	699	-252	80	250	066	127	444	-653	80	331	001	115	460	-423
80	201	210	126	815	-137	80	251	056	118	386	-449	80	332	103	130	566	-304
80	202	262	138	814	-146	80	252	124	123	330	-575	80	333	079	172	620	-507
80	203	250	132	723	-133	80	253	004	122	480	-385	80	334	087	182	613	-517
80	204	230	125	672	-180	80	254	048	121	459	-398	80	335	079	107	276	-439
80	205	199	123	594	-285	80	255	013	121	418	-462	80	336	003	114	437	-474
80	206	145	127	611	-284	80	256	060	139	369	-591	80	337	104	130	513	-297
80	207	103	131	570	-350	80	257	179	127	282	-749	80	338	093	162	569	-558
80	208	066	126	331	-451	80	258	206	118	131	-699	80	339	059	178	615	-686

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	340	-.079	.112	.252	-.457	80	419	-.212	.115	.212	-.593	80	469	-.220	.128	.193	-.672
80	341	-.002	.114	.454	-.374	80	420	-.212	.124	.238	-.660	80	470	-.213	.122	.309	-.587
80	342	.083	.127	.617	-.396	80	421	-.203	.115	.232	-.567	80	471	-.214	.121	.147	-.607
80	343	.046	.166	.530	-.822	80	422	-.213	.128	.198	-.667	80	472	-.221	.125	.253	-.678
80	344	.064	.154	.590	-.525	80	423	-.224	.130	.184	-.657	80	473	-.216	.129	.191	-.689
80	345	-.091	.109	.300	-.458	80	424	-.216	.133	.209	-.717	80	474	-.214	.125	.138	-.696
80	346	-.019	.108	.397	-.396	80	425	-.219	.123	.149	-.682	80	475	-.209	.116	.215	-.622
80	347	.046	.112	.471	-.286	80	426	-.227	.126	.197	-.670	80	476	-.202	.116	.162	-.616
80	348	.045	.128	.581	-.412	80	427	-.199	.128	.223	-.716	80	477	-.190	.124	.258	-.594
80	349	.021	.136	.461	-.488	80	428	-.201	.121	.197	-.621	80	478	-.189	.125	.206	-.673
80	350	.030	.128	.532	-.435	80	429	-.203	.115	.212	-.622	80	479	-.190	.124	.217	-.638
80	351	.087	.138	.654	-.429	80	430	-.206	.115	.176	-.619	80	480	-.195	.116	.193	-.563
80	352	.099	.129	.553	-.312	80	431	-.211	.120	.239	-.569	80	481	-.210	.130	.206	-.660
80	353	.097	.130	.663	-.313	80	432	-.211	.123	.193	-.673	80	482	-.222	.123	.206	-.629
80	354	.073	.130	.488	-.355	80	433	-.211	.122	.193	-.609	80	483	-.217	.122	.164	-.681
80	355	-.108	.116	.284	-.480	80	434	-.202	.115	.203	-.600	80	484	-.211	.112	.191	-.573
80	356	-.062	.126	.380	-.485	80	435	-.205	.128	.199	-.621	80	485	-.223	.126	.258	-.631
80	357	-.006	.124	.380	-.466	80	436	-.215	.120	.209	-.575	80	486	-.232	.123	.133	-.760
80	358	.014	.121	.419	-.398	80	437	-.217	.126	.176	-.731	80	487	-.222	.120	.217	-.625
80	359	.105	.128	.625	-.500	80	438	-.219	.120	.150	-.698	80	488	-.217	.121	.165	-.584
80	360	.132	.130	.634	-.299	80	439	-.243	.131	.284	-.765	80	489	-.221	.125	.182	-.608
80	361	.116	.119	.536	-.254	80	440	-.248	.127	.132	-.701	80	490	-.213	.129	.206	-.714
80	362	.053	.116	.464	-.315	80	441	-.236	.123	.223	-.598	80	491	-.203	.116	.214	-.623
80	363	-.209	.125	.334	-.616	80	442	-.223	.121	.157	-.612	80	492	-.211	.115	.193	-.552
80	364	.089	.128	.523	-.374	80	443	-.216	.124	.184	-.606	80	493	-.207	.122	.203	-.614
80	365	.140	.135	.583	-.276	80	444	-.206	.127	.172	-.650	80	494	-.202	.120	.174	-.541
80	366	.160	.131	.563	-.326	80	445	-.187	.106	.190	-.603	80	495	-.194	.120	.214	-.591
80	367	.150	.131	.694	-.253	80	446	-.194	.084	.080	-.466	80	496	-.210	.120	.178	-.579
80	368	.144	.129	.614	-.344	80	447	-.193	.103	.133	-.469	80	497	-.226	.117	.130	-.644
80	369	.141	.125	.558	-.324	80	448	-.195	.112	.168	-.494	80	498	-.230	.121	.203	-.638
80	370	.104	.111	.490	-.257	80	449	-.194	.116	.191	-.570	80	499	-.229	.118	.133	-.644
80	371	.071	.124	.448	-.429	80	450	-.191	.118	.209	-.551	80	500	-.226	.129	.187	-.704
80	401	-.213	.124	.248	-.603	80	451	-.212	.119	.165	-.629	80	501	-.235	.128	.178	-.639
80	402	-.199	.117	.193	-.583	80	452	-.205	.120	.232	-.643	80	502	-.230	.126	.173	-.626
80	403	-.198	.114	.188	-.697	80	453	-.212	.120	.187	-.651	80	503	-.227	.114	.212	-.639
80	404	-.200	.121	.161	-.592	80	454	-.214	.129	.185	-.670	80	504	-.236	.126	.169	-.693
80	405	-.211	.129	.190	-.662	80	455	-.226	.128	.165	-.679	80	505	-.228	.113	.152	-.650
80	406	-.204	.124	.238	-.695	80	456	-.225	.128	.193	-.640	80	506	-.219	.116	.178	-.602
80	407	-.204	.123	.247	-.650	80	457	-.219	.113	.235	-.619	80	507	-.224	.126	.262	-.624
80	408	-.236	.125	.220	-.648	80	458	-.216	.126	.193	-.687	80	508	-.222	.116	.199	-.609
80	409	-.244	.132	.235	-.683	80	459	-.202	.114	.177	-.613	80	509	-.229	.126	.220	-.650
80	410	-.225	.121	.161	-.685	80	460	-.194	.115	.191	-.607	80	510	-.210	.122	.161	-.644
80	411	-.213	.129	.257	-.648	80	461	-.191	.124	.299	-.557	80	511	-.217	.116	.175	-.726
80	412	-.224	.117	.188	-.613	80	462	-.188	.115	.211	-.554	80	512	-.221	.115	.253	-.606
80	413	-.215	.127	.174	-.784	80	463	-.191	.120	.224	-.543	80	513	-.222	.125	.293	-.651
80	414	-.207	.127	.207	-.600	80	464	-.179	.119	.205	-.569	80	514	-.231	.114	.220	-.633
80	415	-.210	.123	.215	-.622	80	465	-.192	.117	.193	-.667	80	515	-.239	.129	.197	-.723
80	416	-.207	.114	.152	-.600	80	466	-.204	.115	.253	-.638	80	516	-.225	.127	.281	-.653
80	417	-.228	.128	.258	-.654	80	467	-.205	.126	.209	-.632	80	517	-.224	.120	.140	-.603
80	418	-.219	.119	.162	-.635	80	468	-.212	.114	.211	-.622	80	518	-.231	.121	.230	-.678

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	519	-225	126	155	-680	80	607	-257	133	134	-706	80	806	-264	133	141	-755
80	520	-227	122	112	-680	80	608	-202	127	315	-595	80	807	-156	132	362	-573
80	521	-233	113	196	-627	80	609	-202	124	187	-685	80	901	-215	109	215	-565
80	522	-225	114	122	-615	80	610	-201	122	151	-661	80	902	-186	133	295	-630
80	523	-224	126	196	-597	80	611	-180	119	198	-561	80	903	-229	121	336	-688
80	524	-224	124	197	-693	80	612	-186	124	324	-602	80	904	-238	121	149	-631
80	525	-243	123	137	-656	80	613	-199	128	235	-919	80	905	-202	130	302	-658
80	526	-237	118	172	-627	80	614	-192	123	248	-641	80	906	-208	118	196	-612
80	527	-230	131	205	-645	80	615	-202	120	198	-613	80	907	-279	114	110	-631
80	528	-242	121	151	-635	80	616	-179	126	289	-583	80	908	-251	124	250	-697
80	529	-233	122	173	-656	80	617	-178	129	235	-608	80	909	-307	130	165	-790
80	530	-228	112	190	-588	80	618	-184	115	232	-641	80	910	-244	119	129	-652
80	531	-231	125	227	-651	80	619	-195	116	267	-583	80	911	-291	116	093	-791
80	532	-237	123	152	-797	80	620	-196	119	248	-618	80	912	-230	123	284	-650
80	533	-226	120	211	-641	80	621	-181	119	196	-537	80	913	-246	109	082	-613
80	534	-219	119	155	-603	80	622	-178	115	188	-543	80	914	-204	138	236	-713
80	535	-223	124	191	-627	80	623	-179	115	206	-524	80	915	-222	130	203	-641
80	536	-219	129	175	-711	80	624	-190	115	163	-575	80	916	-287	118	147	-685
80	537	-215	117	191	-626	80	625	-194	119	255	-616	80	917	-261	135	168	-733
80	538	-223	116	179	-569	80	626	-180	120	165	-579	80	918	-309	141	161	-824
80	539	-229	123	148	-639	80	627	-178	129	193	-656	80	919	-277	125	129	-735
80	540	-220	120	166	-698	80	628	-187	121	246	-595	80	920	-308	133	096	-786
80	541	-226	125	198	-624	80	629	-189	123	208	-588	80	921	-143	126	232	-604
80	542	-233	124	165	-610	80	630	-191	112	174	-646	80	922	-249	129	160	-777
80	543	-218	117	151	-668	80	631	-194	124	261	-589	80	923	-242	135	234	-723
80	544	-227	125	205	-773	80	632	-191	112	184	-573	80	924	-225	146	836	-223
80	545	-229	129	244	-660	80	633	-194	115	159	-546	80	925	-245	132	713	-144
80	546	-233	119	154	-637	80	634	-206	124	294	-572	80	926	-254	131	679	-145
80	547	-234	124	232	-784	80	635	-203	116	196	-554	80	927	-214	131	690	-266
80	548	-231	115	187	-650	80	636	-216	122	221	-652	80	928	-185	134	679	-249
80	549	-229	109	102	-654	80	637	-200	119	175	-624	80	929	-144	148	657	-297
80	550	-239	085	072	-492	80	638	-214	116	148	-710	80	930	-055	132	548	-419
80	551	-227	106	216	-573	80	639	-216	115	242	-586	80	931	-205	143	778	-194
80	552	-239	114	158	-615	80	640	-214	122	202	-644	80	932	-204	136	654	-270
80	553	-233	111	295	-614	80	641	-218	115	220	-621	80	933	-181	126	721	-324
80	554	-230	111	168	-568	80	642	-233	129	270	-658	80	934	-180	120	627	-224
80	555	-231	115	163	-615	80	643	-225	124	224	-656	80	935	-191	140	669	-303
80	556	-222	111	202	-563	80	644	-232	119	124	-607	80	936	-202	146	658	-246
80	557	-224	114	146	-582	80	645	-237	123	203	-679	80	937	-272	139	180	-686
80	558	-223	110	152	-582	80	646	-216	123	228	-617	80	938	-234	129	148	-793
80	559	-226	116	174	-585	80	647	-239	117	118	-606	80	939	-231	134	162	-883
80	560	-198	119	219	-670	80	648	-241	122	171	-629	90	101	-156	141	909	-392
80	561	-270	118	092	-692	80	649	-247	125	202	-645	90	102	-137	143	595	-287
80	562	-308	127	066	-846	80	650	-227	119	148	-683	90	103	-093	137	560	-390
80	601	-218	125	278	-665	80	651	-228	124	213	-748	90	104	-013	143	610	-456
80	602	-222	119	184	-676	80	801	-048	128	492	-427	90	105	-293	165	369	-965
80	603	-236	123	142	-633	80	802	-282	125	102	-676	90	106	-160	127	318	-776
80	604	-310	131	148	-768	80	803	-245	123	236	-726	90	107	-217	113	146	-641
80	605	-252	124	134	-664	80	804	-200	117	220	-634	90	108	-241	156	391	-853
80	606	-249	133	146	-724	80	805	-245	119	180	-694	90	109	-169	134	487	-565

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	110	-176	131	257	-585	90	160	-101	143	387	-578	90	210	-460	161	093	-1032
90	111	-253	120	212	-661	90	161	-216	130	415	-702	90	211	-473	166	148	-1118
90	112	-217	121	226	-623	90	162	-468	162	048	-1137	90	212	-336	176	226	-1105
90	113	-257	113	179	-661	90	163	-475	164	001	-1101	90	213	-241	151	287	-956
90	114	-319	133	265	-820	90	164	-341	175	192	-919	90	214	-209	125	171	-846
90	115	-287	134	188	-872	90	165	-238	149	211	-906	90	215	-209	128	212	-915
90	116	-320	116	061	-709	90	166	-197	127	263	-666	90	216	-203	143	630	-316
90	117	062	143	596	-388	90	167	-195	117	226	-612	90	217	-209	124	719	-193
90	118	067	136	502	-421	90	168	-254	148	836	-150	90	218	-241	128	696	-205
90	119	033	136	501	-394	90	169	-281	159	890	-126	90	219	-223	127	671	-251
90	120	038	145	536	-407	90	170	-308	143	690	-233	90	220	-188	123	638	-235
90	121	028	142	658	-468	90	171	-285	132	867	-090	90	221	-157	119	596	-241
90	122	-005	125	450	-359	90	172	-269	146	799	-161	90	222	-072	128	617	-388
90	123	-059	124	389	-492	90	173	-204	136	758	-246	90	223	-024	123	500	-381
90	124	-127	121	283	-554	90	174	-114	128	555	-267	90	224	-124	117	301	-498
90	125	-310	132	141	-775	90	175	-090	131	627	-290	90	225	-231	117	219	-638
90	126	-246	118	150	-610	90	176	-103	136	364	-584	90	226	-400	130	038	-993
90	127	-259	123	182	-619	90	177	-234	127	182	-731	90	227	-413	147	063	-1044
90	128	-249	117	087	-627	90	178	-449	162	101	-1015	90	228	-312	153	136	-845
90	129	-266	121	084	-692	90	179	-471	162	057	-1121	90	229	-239	147	210	-830
90	130	-272	120	123	-627	90	180	-364	165	145	-1091	90	230	-227	124	196	-767
90	131	-253	122	172	-643	90	181	-284	170	213	-913	90	231	-219	119	223	-619
90	132	-258	115	136	-602	90	182	-209	125	263	-725	90	232	-110	125	518	-293
90	133	-265	118	129	-648	90	183	-216	144	192	-956	90	233	-175	130	641	-246
90	134	-122	164	685	-387	90	184	-266	157	858	-209	90	234	-254	134	814	-215
90	135	004	147	617	-413	90	185	-261	148	965	-217	90	235	-224	123	646	-226
90	136	077	138	598	-323	90	186	-275	133	865	-124	90	236	-222	126	639	-231
90	137	167	142	678	-374	90	187	-287	138	784	-087	90	237	-164	125	590	-176
90	138	206	156	871	-235	90	188	-259	133	728	-208	90	238	-055	120	550	-335
90	139	145	140	641	-404	90	189	-175	126	655	-286	90	239	-009	113	463	-428
90	140	124	141	617	-272	90	190	-108	123	517	-358	90	240	-165	115	253	-600
90	141	118	131	644	-358	90	191	-062	125	645	-305	90	241	-255	113	108	-689
90	142	022	133	525	-433	90	192	-127	126	418	-496	90	242	-384	151	058	-973
90	143	074	132	433	-558	90	193	-262	135	145	-697	90	243	-318	130	080	-787
90	144	-116	126	299	-515	90	194	-455	163	023	-994	90	244	-205	119	191	-712
90	145	-191	136	371	-694	90	195	-457	162	016	-1172	90	245	-199	114	168	-631
90	146	-450	181	141	-256	90	196	-346	180	168	-956	90	246	-212	118	164	-615
90	147	-331	143	091	-868	90	197	-279	157	161	-825	90	247	-235	119	154	-661
90	148	-247	132	161	-819	90	198	-203	134	196	-932	90	248	-063	145	437	-564
90	149	-227	118	118	-693	90	199	-211	129	177	-806	90	249	-126	144	333	-610
90	150	-201	123	227	-740	90	200	-244	137	706	-175	90	250	-103	129	273	-537
90	151	-207	112	179	-592	90	201	-255	138	759	-161	90	251	-087	123	354	-531
90	152	-243	144	769	-195	90	202	-268	135	707	-135	90	252	-146	115	235	-517
90	153	-275	128	723	-063	90	203	-247	132	758	-154	90	253	-023	128	413	-575
90	154	-291	139	762	-094	90	204	-230	129	814	-209	90	254	-019	117	431	-445
90	155	-261	143	747	-182	90	205	-164	137	662	-261	90	255	-003	125	413	-512
90	156	-232	146	799	-225	90	206	-088	129	550	-353	90	256	-085	139	314	-639
90	157	-198	142	626	-296	90	207	-047	126	561	-326	90	257	-203	135	229	-703
90	158	-116	136	674	-300	90	208	-125	126	330	-576	90	258	-224	117	149	-636
90	159	-057	139	611	-321	90	209	-243	123	160	-811	90	259	-202	123	152	-718

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	260	.032	.122	.433	-.439	90	341	.015	.115	.436	-.344	90	420	-.220	.115	.141	-.567
90	261	.058	.112	.488	-.316	90	342	.120	.126	.546	-.354	90	421	-.214	.125	.244	-.638
90	262	.045	.123	.410	-.389	90	343	.148	.146	.674	-.541	90	422	-.222	.123	.206	-.719
90	263	.055	.132	.518	-.334	90	344	.129	.159	.651	-.407	90	423	-.218	.122	.200	-.600
90	264	.005	.125	.453	-.390	90	345	-.091	.106	.282	-.433	90	424	-.220	.122	.217	-.640
90	265	-.091	.124	.366	-.496	90	346	-.021	.117	.372	-.383	90	425	-.220	.118	.212	-.629
90	266	-.099	.139	.329	-.593	90	347	.070	.118	.494	-.311	90	426	-.233	.130	.222	-.684
90	267	.177	.121	.255	-.621	90	348	.078	.131	.635	-.331	90	427	-.212	.115	.231	-.592
90	268	-.297	.133	.128	-.710	90	349	.056	.120	.482	-.379	90	428	-.220	.126	.222	-.641
90	269	-.310	.136	.216	-.823	90	350	.049	.130	.465	-.415	90	429	-.219	.128	.195	-.637
90	301	-.034	.143	.493	-.449	90	351	.107	.132	.567	-.367	90	430	-.219	.126	.222	-.635
90	302	.067	.163	.657	-.486	90	352	.110	.125	.504	-.421	90	431	-.212	.125	.210	-.608
90	303	.080	.184	.707	-.758	90	353	.105	.133	.563	-.480	90	432	-.221	.128	.218	-.755
90	304	-.308	.139	.166	-.820	90	354	.057	.120	.530	-.362	90	433	-.226	.114	.113	-.641
90	305	.213	.152	.268	-.723	90	355	-.102	.118	.306	-.611	90	434	-.206	.118	.174	-.626
90	306	-.286	.159	.530	-.875	90	356	.053	.117	.353	-.473	90	435	-.217	.123	.215	-.589
90	307	.180	.165	.415	-.738	90	357	.009	.135	.479	-.415	90	436	-.208	.124	.242	-.619
90	308	-.257	.155	.274	-.893	90	358	.038	.121	.489	-.444	90	437	-.234	.129	.266	-.712
90	309	.407	.135	.024	-.925	90	359	.110	.122	.512	-.405	90	438	-.250	.123	.164	-.701
90	310	.134	.165	.683	-.578	90	360	.130	.124	.553	-.342	90	439	-.260	.120	.125	-.676
90	311	.051	.165	.459	-.572	90	361	.110	.111	.495	-.259	90	440	-.254	.130	.201	-.692
90	312	.001	.177	.641	-.677	90	362	-.040	.118	.401	-.381	90	441	-.247	.119	.108	-.659
90	313	.254	.130	.246	-.682	90	363	.174	.141	.424	-.710	90	442	-.232	.125	.213	-.611
90	314	.334	.139	.112	-.907	90	364	.103	.129	.587	-.342	90	443	-.232	.116	.146	-.683
90	315	-.033	.124	.438	-.411	90	365	.129	.132	.567	-.239	90	444	-.227	.116	.123	-.632
90	316	.013	.123	.435	-.398	90	366	.174	.145	.666	-.338	90	445	-.204	.114	.224	-.698
90	317	.070	.146	.630	-.407	90	367	.165	.124	.614	-.297	90	446	-.198	.086	.063	-.464
90	318	.080	.140	.587	-.362	90	368	.141	.134	.532	-.359	90	447	-.199	.103	.125	-.513
90	319	.069	.164	.578	-.499	90	369	.131	.130	.609	-.300	90	448	-.208	.120	.234	-.601
90	320	-.024	.125	.441	-.499	90	370	.092	.128	.482	-.334	90	449	-.222	.120	.240	-.612
90	321	.075	.136	.512	-.343	90	371	.049	.114	.434	-.314	90	450	-.220	.123	.168	-.655
90	322	.162	.147	.689	-.259	90	401	-.217	.132	.213	-.750	90	451	-.226	.115	.171	-.606
90	323	.194	.169	.811	-.504	90	402	-.214	.129	.228	-.663	90	452	-.207	.123	.221	-.627
90	324	.208	.186	.830	-.426	90	403	-.211	.130	.172	-.659	90	453	-.221	.114	.194	-.652
90	325	.035	.122	.345	-.430	90	404	-.212	.126	.235	-.647	90	454	-.226	.120	.181	-.672
90	326	.065	.126	.500	-.343	90	405	-.222	.121	.167	-.640	90	455	-.230	.120	.180	-.610
90	327	.156	.134	.609	-.242	90	406	-.209	.135	.212	-.640	90	456	-.239	.122	.181	-.713
90	328	.222	.169	.741	-.453	90	407	-.217	.112	.188	-.609	90	457	-.226	.124	.218	-.620
90	329	.207	.176	.774	-.459	90	408	-.261	.124	.150	-.685	90	458	-.228	.117	.175	-.575
90	330	.045	.119	.382	-.445	90	409	-.245	.123	.179	-.641	90	459	-.206	.118	.221	-.643
90	331	.048	.120	.571	-.364	90	410	-.235	.125	.197	-.705	90	460	-.208	.129	.230	-.621
90	332	.167	.133	.808	-.255	90	411	-.234	.128	.257	-.690	90	461	-.202	.118	.197	-.564
90	333	.171	.166	.792	-.468	90	412	-.232	.132	.228	-.675	90	462	-.195	.128	.350	-.621
90	334	.190	.176	.706	-.347	90	413	-.222	.136	.175	-.685	90	463	-.186	.119	.172	-.546
90	335	.051	.119	.427	-.390	90	414	-.231	.131	.234	-.665	90	464	-.207	.125	.200	-.607
90	336	.038	.127	.477	-.432	90	415	-.211	.124	.158	-.638	90	465	-.215	.128	.189	-.643
90	337	.147	.129	.632	-.321	90	416	-.223	.130	.296	-.677	90	466	-.228	.127	.207	-.707
90	338	.148	.158	.657	-.416	90	417	-.236	.119	.188	-.635	90	467	-.230	.128	.250	-.680
90	339	.149	.172	.658	-.397	90	418	-.236	.130	.189	-.666	90	468	-.234	.123	.178	-.699
90	340	.053	.123	.349	-.547	90	419	-.217	.116	.145	-.622	90	469	-.231	.118	.144	-.572

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	470	- .234	.119	.111	-.607	90	520	-.243	.127	.233	-.679	90	608	-.213	.119	.157	-.632
90	471	-.229	.127	.292	-.635	90	521	-.241	.131	.176	-.832	90	609	-.204	.124	.249	-.588
90	472	-.220	.136	.166	-.626	90	522	-.234	.129	.229	-.654	90	610	-.203	.124	.292	-.577
90	473	-.228	.118	.178	-.647	90	523	-.227	.126	.202	-.602	90	611	-.196	.129	.222	-.656
90	474	-.229	.129	.220	-.680	90	524	-.235	.127	.243	-.740	90	612	-.197	.119	.216	-.747
90	475	-.220	.134	.229	-.693	90	525	-.250	.113	.131	-.605	90	613	-.206	.133	.322	-.687
90	476	-.215	.131	.304	-.646	90	526	-.238	.118	.146	-.660	90	614	-.202	.117	.178	-.572
90	477	-.195	.127	.284	-.612	90	527	-.247	.126	.183	-.652	90	615	-.206	.123	.191	-.578
90	478	-.203	.123	.260	-.703	90	528	-.237	.124	.260	-.694	90	616	-.197	.122	.253	-.591
90	479	-.196	.115	.158	-.594	90	529	-.245	.124	.251	-.647	90	617	-.205	.126	.154	-.677
90	480	-.203	.121	.238	-.621	90	530	-.243	.118	.131	-.625	90	618	-.200	.123	.271	-.736
90	481	-.224	.125	.250	-.595	90	531	-.239	.110	.133	-.640	90	619	-.198	.121	.200	-.603
90	482	-.226	.125	.299	-.689	90	532	-.234	.128	.263	-.684	90	620	-.206	.121	.220	-.778
90	483	-.235	.125	.253	-.673	90	533	-.232	.115	.133	-.649	90	621	-.192	.127	.276	-.677
90	484	-.232	.117	.160	-.640	90	534	-.229	.124	.184	-.623	90	622	-.194	.116	.167	-.561
90	485	-.232	.111	.149	-.649	90	535	-.241	.117	.160	-.667	90	623	-.186	.117	.176	-.575
90	486	-.233	.130	.278	-.669	90	536	-.236	.120	.122	-.647	90	624	-.194	.110	.149	-.601
90	487	-.232	.116	.164	-.629	90	537	-.232	.121	.246	-.850	90	625	-.177	.119	.272	-.610
90	488	-.231	.127	.148	-.673	90	538	-.233	.124	.222	-.719	90	626	-.179	.108	.191	-.611
90	489	-.238	.119	.163	-.704	90	539	-.234	.122	.154	-.729	90	627	-.180	.116	.308	-.555
90	490	-.232	.120	.140	-.675	90	540	-.234	.131	.237	-.903	90	628	-.178	.115	.228	-.542
90	491	-.219	.123	.238	-.835	90	541	-.233	.125	.223	-.656	90	629	-.196	.122	.249	-.644
90	492	-.218	.123	.171	-.673	90	542	-.233	.128	.157	-.660	90	630	-.187	.125	.231	-.610
90	493	-.210	.119	.181	-.655	90	543	-.234	.120	.214	-.691	90	631	-.192	.113	.167	-.604
90	494	-.213	.128	.240	-.666	90	544	-.233	.134	.229	-.710	90	632	-.189	.115	.143	-.611
90	495	-.208	.121	.158	-.608	90	545	-.240	.137	.186	-.847	90	633	-.199	.125	.201	-.616
90	496	-.224	.120	.170	-.647	90	546	-.233	.128	.211	-.720	90	634	-.199	.122	.272	-.590
90	497	-.240	.113	.189	-.619	90	547	-.242	.125	.157	-.648	90	635	-.210	.131	.320	-.622
90	498	-.230	.121	.220	-.635	90	548	-.236	.119	.137	-.618	90	636	-.208	.123	.195	-.637
90	499	-.236	.110	.149	-.652	90	549	-.231	.103	.148	-.668	90	637	-.221	.130	.173	-.673
90	500	-.231	.118	.163	-.640	90	550	-.243	.084	.024	-.461	90	638	-.219	.131	.183	-.632
90	501	-.228	.118	.172	-.614	90	551	-.240	.104	.043	-.589	90	639	-.227	.132	.239	-.697
90	502	-.236	.122	.240	-.723	90	552	-.242	.121	.140	-.639	90	640	-.224	.131	.200	-.710
90	503	-.230	.125	.245	-.666	90	553	-.240	.115	.145	-.603	90	641	-.243	.129	.171	-.769
90	504	-.238	.115	.146	-.676	90	554	-.240	.110	.086	-.620	90	642	-.235	.117	.132	-.610
90	505	-.229	.117	.149	-.660	90	555	-.238	.111	.086	-.586	90	643	-.241	.118	.141	-.631
90	506	-.232	.128	.186	-.663	90	556	-.236	.119	.195	-.592	90	644	-.239	.123	.206	-.629
90	507	-.225	.123	.201	-.687	90	557	-.230	.115	.184	-.661	90	645	-.231	.136	.179	-.653
90	508	-.231	.132	.317	-.722	90	558	-.229	.116	.205	-.651	90	646	-.228	.120	.198	-.624
90	509	-.222	.127	.208	-.713	90	559	-.232	.116	.155	-.662	90	647	-.227	.115	.112	-.620
90	510	-.230	.134	.198	-.666	90	560	-.196	.129	.219	-.601	90	648	-.243	.121	.187	-.624
90	511	-.228	.132	.175	-.684	90	561	-.194	.122	.074	-.739	90	649	-.237	.127	.140	-.667
90	512	-.235	.129	.222	-.670	90	562	-.313	.126	.090	-.701	90	650	-.238	.124	.248	-.621
90	513	-.244	.127	.216	-.741	90	601	-.234	.130	.216	-.665	90	651	-.237	.137	.275	-.665
90	514	-.253	.123	.130	-.802	90	602	-.226	.121	.322	-.680	90	801	-.058	.141	.502	-.526
90	515	-.243	.116	.090	-.561	90	603	-.242	.131	.145	-.750	90	802	-.275	.136	.207	-.779
90	516	-.244	.121	.158	-.673	90	604	-.280	.143	.169	-.760	90	803	-.249	.125	.121	-.664
90	517	-.234	.123	.239	-.626	90	605	-.255	.122	.145	-.694	90	804	-.204	.120	.194	-.602
90	518	-.224	.133	.169	-.588	90	606	-.246	.131	.221	-.714	90	805	-.249	.113	.148	-.658
90	519	-.236	.118	.152	-.611	90	607	-.253	.142	.187	-.788	90	806	-.287	.135	.135	-.728

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	807	-186	126	231	-637	100	111	-293	133	174	-797	100	161	-238	125	179	-736
90	901	-183	132	296	-588	100	112	-245	125	197	-721	100	162	-423	174	058	-1053
90	902	-179	137	289	-725	100	113	-286	123	151	-716	100	163	-423	161	072	-1054
90	903	-240	122	130	-593	100	114	-328	132	129	-799	100	164	-352	160	137	-1030
90	904	-248	124	193	-605	100	115	-310	120	066	-667	100	165	-298	137	218	-982
90	905	-219	121	126	-642	100	116	-339	132	128	-859	100	166	-240	132	176	-773
90	906	-227	125	144	-656	100	117	-078	142	598	-413	100	167	-244	122	146	-695
90	907	-288	125	089	-803	100	118	050	140	641	-549	100	168	281	146	745	-219
90	908	-267	137	166	-752	100	119	008	131	501	-429	100	169	311	155	889	-165
90	909	-300	137	115	-803	100	120	001	150	538	-497	100	170	304	152	849	-103
90	910	-257	113	101	-664	100	121	001	142	644	-481	100	171	253	136	816	-088
90	911	-306	128	147	-807	100	122	023	133	451	-458	100	172	226	131	721	-170
90	912	-243	129	160	-782	100	123	-102	119	369	-465	100	173	174	141	787	-307
90	913	-242	116	137	-631	100	124	-173	113	204	-530	100	174	091	128	520	-318
90	914	-230	133	222	-857	100	125	-324	137	197	-849	100	175	017	127	502	-375
90	915	-225	134	253	-644	100	126	-272	121	141	-685	100	176	-143	117	255	-523
90	916	-323	131	154	-793	100	127	-268	126	167	-699	100	177	-220	121	247	-588
90	917	-267	131	186	-742	100	128	-267	122	112	-711	100	178	-400	167	067	-914
90	918	-369	137	115	-893	100	129	-281	123	099	-680	100	179	-378	178	193	-1333
90	919	-280	127	096	-682	100	130	-300	130	084	-822	100	180	-382	170	187	-1096
90	920	-304	146	206	-773	100	131	-285	126	121	-820	100	181	-310	151	138	-906
90	921	-133	127	337	-630	100	132	-271	115	105	-699	100	182	-267	139	143	-884
90	922	-245	130	124	-767	100	133	-288	130	155	-686	100	183	-274	153	181	-1045
90	923	-237	130	260	-640	100	134	097	190	741	-545	100	184	-263	142	727	-228
90	924	-224	139	871	-256	100	135	002	142	682	-480	100	185	283	137	716	-180
90	925	-222	125	877	-198	100	136	097	154	654	-384	100	186	293	146	941	-099
90	926	-214	131	786	-225	100	137	145	146	780	-324	100	187	266	143	917	-147
90	927	-179	140	705	-247	100	138	170	151	706	-269	100	188	235	133	807	-281
90	928	-138	133	701	-251	100	139	129	138	644	-272	100	189	151	127	691	-228
90	929	-095	139	595	-311	100	140	089	138	631	-349	100	190	078	133	576	-348
90	930	-018	140	482	-475	100	141	070	151	713	-427	100	191	017	129	455	-458
90	931	-216	134	692	-383	100	142	019	132	445	-520	100	192	-140	134	399	-577
90	932	-173	142	640	-266	100	143	-119	125	361	-517	100	193	-244	133	220	-736
90	933	-157	139	607	-277	100	144	-158	131	357	-688	100	194	-418	177	064	-1119
90	934	-166	132	540	-299	100	145	-238	126	214	-654	100	195	-401	179	116	-1038
90	935	-170	119	552	-238	100	146	-430	179	153	-1127	100	196	-376	172	135	-1077
90	936	-154	134	607	-274	100	147	-340	135	106	-888	100	197	-317	152	158	-1125
90	937	-280	137	184	-797	100	148	-298	138	232	-918	100	198	-271	138	218	-933
90	938	-225	130	215	-770	100	149	-281	129	096	-757	100	199	-270	135	166	-781
90	939	-248	141	221	-040	100	150	-249	130	187	-860	100	200	-277	140	843	-155
100	101	-159	152	748	-317	100	151	-249	125	168	-679	100	201	-268	134	784	-218
100	102	-094	140	700	-494	100	152	-274	156	977	-146	100	202	-266	149	842	-208
100	103	-063	140	567	-374	100	153	-281	143	703	-171	100	203	-248	128	798	-168
100	104	-052	137	438	-441	100	154	-287	146	790	-085	100	204	-210	123	725	-173
100	105	-340	167	209	-889	100	155	-240	146	775	-284	100	205	-149	124	565	-188
100	106	-199	143	259	-693	100	156	-197	151	777	-259	100	206	-068	125	519	-351
100	107	-253	122	159	-664	100	157	-148	136	738	-256	100	207	-016	120	448	-481
100	108	-283	147	224	-728	100	158	-061	133	579	-348	100	208	-143	116	218	-592
100	109	-180	149	434	-640	100	159	-022	125	560	-370	100	209	-246	123	159	-659
100	110	-197	132	247	-651	100	160	-133	129	338	-576	100	210	-392	172	086	-1064

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	211	408	169	012	-1.141	100	261	044	121	478	-369	100	342	156	127	662	-286
100	212	350	165	202	-1.155	100	262	037	122	509	-360	100	343	203	143	763	-328
100	213	305	140	100	-0.837	100	263	040	111	412	-316	100	344	182	151	762	-274
100	214	254	139	211	-0.886	100	264	006	127	555	-528	100	345	071	120	489	-546
100	215	266	142	281	-0.887	100	265	113	114	350	-660	100	346	010	109	392	-365
100	216	235	147	753	-1.174	100	266	117	115	275	-500	100	347	090	117	560	-327
100	217	220	121	630	-2.232	100	267	177	119	217	-556	100	348	110	131	593	-322
100	218	243	125	780	-1.173	100	268	297	126	101	-724	100	349	106	128	547	-309
100	219	232	134	821	-2.296	100	269	290	135	189	-735	100	350	079	131	458	-334
100	220	199	123	660	-1.163	100	301	024	156	637	-417	100	351	144	144	576	-485
100	221	110	121	581	-2.297	100	302	110	168	741	-478	100	352	119	117	548	-380
100	222	040	116	398	-3.351	100	303	153	178	926	-576	100	353	121	126	566	-345
100	223	003	113	377	-4.437	100	304	321	133	153	-892	100	354	075	127	498	-449
100	224	149	116	233	-3.595	100	305	194	150	447	-673	100	355	107	121	327	-468
100	225	233	125	278	-7.748	100	306	289	147	248	-766	100	356	051	123	391	-464
100	226	407	158	054	-1.107	100	307	157	134	337	-607	100	357	004	106	369	-451
100	227	392	152	009	-9.997	100	308	219	133	238	-699	100	358	061	117	495	-357
100	228	353	152	109	-1.071	100	309	378	150	140	-825	100	359	117	123	524	-295
100	229	298	138	168	-0.880	100	310	062	176	606	-587	100	360	123	123	589	-239
100	230	251	133	175	-7.730	100	311	009	168	604	-480	100	361	117	120	522	-286
100	231	249	129	211	-7.700	100	312	036	181	576	-625	100	362	046	118	416	-379
100	232	160	131	687	-2.294	100	313	234	133	330	-685	100	363	178	125	275	-604
100	233	193	134	792	-2.207	100	314	350	157	197	-946	100	364	108	130	606	-462
100	234	259	127	696	-1.194	100	315	003	140	602	-399	100	365	158	125	652	-227
100	235	235	128	648	-1.143	100	316	062	146	662	-363	100	366	155	119	545	-258
100	236	219	134	820	-2.256	100	317	111	145	589	-382	100	367	155	123	661	-273
100	237	127	127	587	-3.429	100	318	103	168	768	-399	100	368	138	116	560	-306
100	238	044	129	463	-3.327	100	319	107	154	696	-318	100	369	126	122	510	-279
100	239	028	110	346	-4.437	100	320	017	143	475	-426	100	370	095	125	583	-346
100	240	186	122	223	-6.338	100	321	108	152	802	-389	100	371	043	113	440	-407
100	241	280	130	094	-7.708	100	322	227	160	874	-201	100	401	229	122	243	-634
100	242	418	153	036	-9.989	100	323	269	169	949	-325	100	402	221	126	166	-678
100	243	348	135	061	-8.558	100	324	281	179	884	-444	100	403	217	124	221	-624
100	244	265	121	163	-7.721	100	325	008	135	520	-441	100	404	220	130	229	-650
100	245	244	113	201	-7.755	100	326	097	132	565	-253	100	405	249	133	185	-694
100	246	260	115	150	-6.690	100	327	214	139	762	-308	100	406	234	129	194	-720
100	247	254	120	159	-6.652	100	328	286	155	755	-380	100	407	236	124	167	-650
100	248	096	136	341	-6.626	100	329	252	156	828	-421	100	408	252	123	113	-666
100	249	147	154	392	-8.805	100	330	035	125	494	-458	100	409	250	118	161	-666
100	250	126	126	269	-5.770	100	331	079	123	469	-328	100	410	245	118	126	-649
100	251	104	126	362	-5.771	100	332	213	143	817	-255	100	411	240	130	176	-674
100	252	160	112	176	-5.586	100	333	222	131	685	-274	100	412	241	117	270	-666
100	253	032	118	397	-4.441	100	334	253	159	703	-355	100	413	242	131	195	-815
100	254	025	120	419	-5.561	100	335	024	127	438	-439	100	414	255	147	230	-874
100	255	001	120	381	-4.468	100	336	060	135	626	-349	100	415	233	119	233	-656
100	256	085	135	374	-6.607	100	337	179	129	629	-231	100	416	222	124	161	-624
100	257	206	118	229	-6.699	100	338	224	150	827	-196	100	417	251	128	124	-669
100	258	229	112	161	-5.593	100	339	240	144	708	-377	100	418	236	127	164	-678
100	259	212	126	232	-7.736	100	340	025	129	426	-426	100	419	235	130	192	-744
100	260	012	116	447	-3.366	100	341	057	124	507	-415	100	420	230	124	172	-698

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	421	-225	126	163	-677	100	471	-238	127	119	-726	100	521	-242	126	199	-681
100	422	-232	131	169	-761	100	472	-232	125	202	-688	100	522	-235	129	169	-727
100	423	-227	120	221	-650	100	473	-235	125	149	-658	100	523	-229	124	225	-823
100	424	-239	118	199	-577	100	474	-219	126	266	-685	100	524	-220	124	289	-717
100	425	-231	133	221	-709	100	475	-219	127	225	-662	100	525	-242	132	259	-618
100	426	-259	130	214	-795	100	476	-214	129	179	-685	100	526	-244	122	174	-706
100	427	-235	127	193	-649	100	477	-190	118	281	-548	100	527	-241	129	148	-729
100	428	-231	127	213	-637	100	478	-189	122	335	-641	100	528	-258	113	129	-685
100	429	-225	121	228	-616	100	479	-191	127	273	-659	100	529	-257	119	082	-781
100	430	-229	122	126	-677	100	480	-213	121	216	-706	100	530	-244	114	105	-633
100	431	-218	114	204	-573	100	481	-232	130	175	-686	100	531	-233	126	175	-652
100	432	-222	123	233	-714	100	482	-248	116	147	-703	100	532	-238	121	232	-750
100	433	-222	127	236	-707	100	483	-250	121	114	-767	100	533	-232	128	187	-732
100	434	-217	119	233	-665	100	484	-234	116	185	-674	100	534	-222	128	193	-672
100	435	-226	130	200	-679	100	485	-230	130	193	-729	100	535	-239	127	225	-600
100	436	-225	117	167	-606	100	486	-233	122	213	-667	100	536	-233	121	211	-616
100	437	-254	135	173	-800	100	487	-231	131	161	-667	100	537	-246	129	153	-694
100	438	-248	129	194	-710	100	488	-222	130	205	-653	100	538	-242	121	228	-694
100	439	-255	134	221	-734	100	489	-233	130	232	-639	100	539	-238	121	205	-657
100	440	-255	126	160	-652	100	490	-221	123	169	-602	100	540	-233	125	142	-730
100	441	-242	130	157	-699	100	491	-227	127	213	-612	100	541	-242	116	136	-692
100	442	-226	127	167	-685	100	492	-221	119	240	-662	100	542	-241	123	125	-588
100	443	-231	126	288	-661	100	493	-208	122	196	-618	100	543	-245	113	094	-591
100	444	-222	120	154	-618	100	494	-198	125	185	-682	100	544	-245	111	094	-577
100	445	-216	121	147	-622	100	495	-198	122	201	-558	100	545	-243	109	125	-700
100	446	-211	088	077	-450	100	496	-230	119	114	-673	100	546	-236	120	246	-648
100	447	-206	107	098	-579	100	497	-251	123	219	-618	100	547	-238	130	213	-718
100	448	-212	115	155	-616	100	498	-250	120	234	-634	100	548	-237	122	194	-645
100	449	-222	120	167	-629	100	499	-236	125	174	-682	100	549	-246	118	099	-812
100	450	-230	119	123	-691	100	500	-245	113	144	-585	100	550	-237	083	033	-551
100	451	-236	124	228	-611	100	501	-235	116	211	-637	100	551	-236	116	194	-608
100	452	-225	121	261	-673	100	502	-248	128	135	-693	100	552	-238	114	141	-687
100	453	-218	127	211	-661	100	503	-243	127	151	-817	100	553	-241	113	127	-615
100	454	-236	115	205	-562	100	504	-246	125	225	-802	100	554	-239	120	194	-703
100	455	-235	119	203	-679	100	505	-240	130	165	-666	100	555	-235	111	092	-648
100	456	-246	130	149	-703	100	506	-229	127	135	-655	100	556	-238	115	114	-649
100	457	-234	127	191	-677	100	507	-233	126	151	-642	100	557	-236	119	168	-759
100	458	-228	122	244	-703	100	508	-230	130	190	-682	100	558	-236	119	182	-572
100	459	-219	130	188	-708	100	509	-231	122	217	-613	100	559	-241	121	201	-618
100	460	-210	126	181	-656	100	510	-225	122	304	-634	100	560	-195	106	165	-680
100	461	-210	126	190	-650	100	511	-220	118	213	-589	100	561	-319	113	049	-658
100	462	-193	129	225	-603	100	512	-235	114	166	-598	100	562	-344	134	090	-1128
100	463	-199	115	270	-591	100	513	-240	123	154	-636	100	601	-242	121	150	-637
100	464	-213	120	294	-642	100	514	-253	112	109	-589	100	602	-254	138	247	-772
100	465	-222	118	196	-603	100	515	-251	114	183	-637	100	603	-256	131	138	-677
100	466	-234	113	187	-615	100	516	-234	121	214	-645	100	604	-280	127	096	-747
100	467	-231	123	143	-711	100	517	-245	122	090	-738	100	605	-262	129	283	-708
100	468	-233	115	126	-588	100	518	-239	121	190	-745	100	606	-254	117	116	-796
100	469	-235	114	185	-679	100	519	-248	120	145	-705	100	607	-252	122	200	-812
100	470	-223	121	182	-671	100	520	-241	125	186	-721	100	608	-224	118	191	-588

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	609	- .215	.116	.156	- .617	100	901	- .179	.145	.390	- .663	110	112	- .262	.116	.193	- .628
100	610	- .211	.119	.239	- .700	100	902	- .183	.129	.328	- .663	110	113	- .283	.122	.077	- .726
100	611	- .204	.118	.198	- .624	100	903	- .233	.121	.144	- .653	110	114	- .342	.128	.091	- .803
100	612	- .210	.135	.230	- .659	100	904	- .241	.127	.262	- .719	110	115	- .329	.126	.136	- .726
100	613	- .209	.124	.201	- .636	100	905	- .226	.121	.157	- .651	110	116	- .310	.133	.126	- .802
100	614	- .210	.125	.197	- .655	100	906	- .239	.128	.271	- .827	110	117	- .075	.138	.666	- .330
100	615	- .218	.121	.224	- .716	100	907	- .322	.129	.097	- .774	110	118	- .029	.136	.578	- .400
100	616	- .198	.131	.237	- .641	100	908	- .272	.140	.157	- .801	110	119	- .021	.134	.485	- .444
100	617	- .189	.121	.202	- .560	100	909	- .305	.141	.149	- .840	110	120	- .005	.143	.625	- .479
100	618	- .203	.129	.233	- .668	100	910	- .287	.129	.162	- .777	110	121	- .034	.137	.515	- .541
100	619	- .206	.118	.217	- .583	100	911	- .323	.136	.148	- .895	110	122	- .069	.124	.354	- .523
100	620	- .210	.123	.144	- .608	100	912	- .246	.130	.238	- .654	110	123	- .138	.110	.337	- .548
100	621	- .194	.126	.202	- .620	100	913	- .277	.130	.217	- .752	110	124	- .206	.118	.187	- .533
100	622	- .187	.118	.197	- .539	100	914	- .245	.136	.141	- .736	110	125	- .363	.131	.025	- .890
100	623	- .197	.115	.184	- .576	100	915	- .250	.132	.135	- .799	110	126	- .288	.123	.103	- .687
100	624	- .206	.129	.310	- .777	100	916	- .369	.144	.129	- .829	110	127	- .295	.125	.127	- .800
100	625	- .192	.117	.341	- .551	100	917	- .241	.147	.319	- .757	110	128	- .280	.117	.182	- .719
100	626	- .186	.127	.190	- .680	100	918	- .417	.163	.090	- 1.008	110	129	- .285	.121	.103	- .724
100	627	- .195	.113	.167	- .584	100	919	- .291	.130	.131	- .676	110	130	- .296	.127	.085	- .785
100	628	- .189	.116	.240	- .613	100	920	- .290	.123	.162	- .758	110	131	- .288	.125	.173	- .716
100	629	- .200	.121	.212	- .638	100	921	- .136	.118	.264	- .604	110	132	- .279	.120	.177	- .697
100	630	- .198	.123	.169	- .676	100	922	- .242	.130	.239	- .706	110	133	- .283	.117	.091	- .730
100	631	- .202	.118	.228	- .636	100	923	- .251	.127	.118	- .761	110	134	- .032	.174	.660	- .459
100	632	- .196	.127	.233	- .578	100	924	- .228	.144	.909	- .231	110	135	- .004	.148	.620	- .503
100	633	- .195	.122	.203	- .581	100	925	- .228	.130	.599	- .225	110	136	- .088	.149	.648	- .415
100	634	- .212	.131	.178	- .760	100	926	- .208	.136	.746	- .256	110	137	- .125	.142	.617	- .304
100	635	- .216	.131	.339	- .616	100	927	- .174	.116	.607	- .195	110	138	- .129	.138	.710	- .291
100	636	- .213	.117	.233	- .671	100	928	- .129	.134	.674	- .464	110	139	- .097	.140	.684	- .272
100	637	- .213	.120	.286	- .590	100	929	- .072	.119	.543	- .359	110	140	- .049	.127	.512	- .325
100	638	- .214	.117	.164	- .599	100	930	- .028	.119	.442	- .454	110	141	- .021	.135	.612	- .369
100	639	- .221	.117	.204	- .696	100	931	- .201	.129	.668	- .230	110	142	- .049	.132	.413	- .512
100	640	- .220	.125	.215	- .866	100	932	- .156	.119	.616	- .296	110	143	- .143	.117	.287	- .559
100	641	- .244	.117	.108	- .768	100	933	- .123	.120	.573	- .230	110	144	- .186	.122	.259	- .616
100	642	- .238	.117	.187	- .670	100	934	- .146	.136	.705	- .336	110	145	- .250	.125	.175	- .731
100	643	- .234	.118	.200	- .622	100	935	- .150	.117	.559	- .372	110	146	- .348	.160	.113	- 1.103
100	644	- .244	.123	.142	- .729	100	936	- .150	.117	.573	- .240	110	147	- .320	.138	.101	- .863
100	645	- .242	.125	.209	- .683	100	937	- .292	.131	.127	- .891	110	148	- .298	.122	.106	- .696
100	646	- .229	.121	.149	- .721	100	938	- .231	.129	.243	- .805	110	149	- .292	.123	.153	- .847
100	647	- .241	.114	.067	- .711	100	939	- .255	.126	.197	- .831	110	150	- .272	.133	.190	- .785
100	648	- .253	.114	.081	- .702	110	101	- .121	.143	.592	- .381	110	151	- .264	.122	.157	- .734
100	649	- .244	.124	.165	- .646	110	102	- .070	.130	.449	- .378	110	152	- .264	.187	.913	- .294
100	650	- .240	.115	.116	- .678	110	103	- .037	.129	.599	- .402	110	153	- .235	.141	.710	- .278
100	651	- .235	.109	.157	- .567	110	104	- .094	.130	.382	- .510	110	154	- .242	.141	.712	- .134
100	801	- .058	.106	.414	- .283	110	105	- .373	.173	.132	- 1.020	110	155	- .203	.143	.763	- .254
100	802	- .278	.124	.229	- .680	110	106	- .244	.124	.112	- .695	110	156	- .133	.128	.664	- .259
100	803	- .246	.128	.200	- .721	110	107	- .261	.121	.114	- .716	110	157	- .122	.131	.558	- .255
100	804	- .201	.122	.231	- .589	110	108	- .301	.146	.320	- .829	110	158	- .025	.126	.561	- .349
100	805	- .250	.128	.114	- .683	110	109	- .208	.139	.347	- .638	110	159	- .004	.129	.513	- .409
100	806	- .285	.128	.126	- .746	110	110	- .202	.129	.276	- .602	110	160	- .136	.126	.391	- .544
100	807	- .201	.135	.318	- .605	110	111	- .273	.122	.116	- .711	110	161	- .208	.129	.151	- .646

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	162	-324	151	106	-1.030	110	212	-337	149	104	-963	110	262	040	107	374	-367
110	163	-320	143	174	-855	110	213	-310	139	262	-791	110	263	032	107	385	-344
110	164	-326	150	132	-882	110	214	-272	135	280	-804	110	264	021	122	343	-477
110	165	-303	135	159	-1.003	110	215	-269	147	197	-1.102	110	265	-120	120	367	-514
110	166	-282	130	186	-735	110	216	-220	139	694	-194	110	266	-131	115	257	-532
110	167	-284	133	219	-963	110	217	-245	131	777	-160	110	267	-191	110	150	-602
110	168	-250	152	795	-228	110	218	-224	134	688	-167	110	268	-279	131	364	-741
110	169	-261	155	760	-280	110	219	-201	121	592	-216	110	269	-286	137	119	-735
110	170	-264	142	807	-207	110	220	-187	127	612	-211	110	301	051	160	563	-491
110	171	-247	134	904	-159	110	221	-107	113	498	-290	110	302	121	175	695	-519
110	172	-180	135	669	-228	110	222	-031	107	435	-325	110	303	176	173	812	-447
110	173	-128	126	573	-265	110	223	-004	117	426	-374	110	304	-329	141	235	-845
110	174	054	123	426	-367	110	224	-146	120	227	-537	110	305	-187	153	394	-693
110	175	006	113	378	-355	110	225	-218	121	190	-671	110	306	-284	148	287	-815
110	176	-133	110	246	-565	110	226	-312	137	115	-950	110	307	-116	156	559	-654
110	177	-211	128	213	-751	110	227	-348	156	075	-971	110	308	-190	152	365	-805
110	178	-317	154	085	-975	110	228	-324	145	159	-947	110	309	-277	161	247	-795
110	179	-318	151	157	-933	110	229	-299	128	132	-888	110	310	-025	194	644	-803
110	180	-295	139	115	-928	110	230	-247	125	182	-741	110	311	062	183	687	-477
110	181	-297	143	151	-915	110	231	-253	127	138	-689	110	312	103	176	674	-503
110	182	-278	133	148	-772	110	232	-167	120	585	-244	110	313	-218	129	267	-705
110	183	-288	146	183	-969	110	233	-182	125	637	-222	110	314	-370	176	254	-959
110	184	-242	145	709	-417	110	234	-231	136	679	-219	110	315	063	145	564	-539
110	185	-262	153	790	-186	110	235	-218	120	638	-216	110	316	095	148	610	-450
110	186	-264	132	771	-177	110	236	-200	123	642	-253	110	317	144	160	747	-294
110	187	-228	134	697	-163	110	237	-122	119	486	-256	110	318	147	152	737	-278
110	188	-185	138	685	-291	110	238	-031	115	433	-388	110	319	130	144	704	-326
110	189	-121	122	538	-310	110	239	-044	116	350	-480	110	320	070	148	605	-365
110	190	054	121	498	-384	110	240	-190	113	178	-564	110	321	152	146	671	-274
110	191	002	120	412	-385	110	241	-256	118	140	-638	110	322	298	173	865	-226
110	192	-130	119	291	-492	110	242	-389	161	182	-978	110	323	282	163	867	-295
110	193	-212	134	225	-634	110	243	-348	139	054	-993	110	324	286	165	904	-156
110	194	-321	151	151	-993	110	244	-290	131	095	-863	110	325	020	128	456	-358
110	195	-307	146	076	-789	110	245	-241	125	132	-688	110	326	161	164	798	-341
110	196	-315	158	222	-972	110	246	-249	123	151	-735	110	327	291	143	729	-171
110	197	-304	141	187	-873	110	247	-242	116	147	-695	110	328	303	163	797	-219
110	198	-291	141	138	-817	110	248	-076	119	331	-505	110	329	316	146	817	-190
110	199	-268	144	178	-978	110	249	-133	120	260	-536	110	330	021	144	564	-446
110	200	-259	135	775	-313	110	250	-150	122	260	-584	110	331	143	133	676	-278
110	201	-244	134	742	-289	110	251	-125	128	295	-547	110	332	246	139	820	-187
110	202	-239	130	909	-231	110	252	-171	114	191	-537	110	333	281	145	809	-228
110	203	-248	124	673	-114	110	253	-034	119	403	-403	110	334	297	147	875	-221
110	204	-177	126	554	-257	110	254	-023	111	382	-365	110	335	009	133	470	-453
110	205	-130	122	502	-281	110	255	015	119	394	-329	110	336	107	132	601	-312
110	206	043	121	532	-335	110	256	-053	122	376	-462	110	337	215	138	764	-235
110	207	009	116	346	-434	110	257	-219	127	189	-732	110	338	259	139	723	-168
110	208	-137	121	308	-599	110	258	-211	122	119	-620	110	339	254	147	717	-249
110	209	-219	121	243	-598	110	259	-201	120	207	-588	110	340	015	124	448	-438
110	210	-316	159	147	-950	110	260	-010	116	388	-495	110	341	073	129	528	-338
110	211	-335	157	072	-1.098	110	261	-032	120	436	-332	110	342	180	136	645	-225

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
110	343	.201	.129	.641	-.312	110	422	-.230	.129	.251	-.665	110	472	-.236	.137	.222	-.991
110	344	.229	.145	.807	-.249	110	423	-.227	.134	.264	-.717	110	473	-.253	.140	.213	-.934
110	345	-.067	.114	.354	-.446	110	424	-.236	.123	.243	-.707	110	474	-.238	.145	.235	-.966
110	346	.004	.114	.440	-.396	110	425	-.245	.142	.212	-.972	110	475	-.235	.139	.265	-.823
110	347	.097	.116	.566	-.272	110	426	-.277	.142	.138	-.974	110	476	-.231	.137	.217	-.976
110	348	.115	.127	.554	-.260	110	427	-.260	.133	.174	-.706	110	477	-.205	.125	.277	-.589
110	349	.110	.132	.589	-.385	110	428	-.238	.135	.249	-.756	110	478	-.198	.123	.204	-.640
110	350	.117	.132	.579	-.384	110	429	-.236	.128	.211	-.661	110	479	-.196	.124	.238	-.549
110	351	.148	.130	.604	-.413	110	430	-.244	.130	.230	-.621	110	480	-.223	.119	.244	-.597
110	352	.149	.118	.661	-.201	110	431	-.238	.116	.237	-.672	110	481	-.241	.118	.199	-.595
110	353	.134	.133	.640	-.247	110	432	-.237	.119	.141	-.623	110	482	-.252	.126	.141	-.645
110	354	.096	.122	.550	-.320	110	433	-.227	.123	.182	-.696	110	483	-.230	.122	.211	-.678
110	355	-.104	.118	.264	-.463	110	434	-.223	.116	.243	-.630	110	484	-.227	.118	.174	-.606
110	356	-.051	.123	.367	-.448	110	435	-.220	.123	.220	-.640	110	485	-.234	.124	.169	-.727
110	357	.025	.124	.494	-.415	110	436	-.222	.122	.236	-.678	110	486	-.229	.123	.228	-.688
110	358	.070	.126	.453	-.342	110	437	-.228	.132	.205	-.762	110	487	-.233	.132	.229	-.888
110	359	.121	.120	.511	-.300	110	438	-.235	.127	.224	-.804	110	488	-.230	.134	.130	-.708
110	360	.139	.123	.521	-.364	110	439	-.250	.130	.161	-.831	110	489	-.244	.143	.235	-.864
110	361	.115	.124	.498	-.285	110	440	-.244	.127	.148	-.765	110	490	-.233	.125	.189	-.727
110	362	.060	.109	.379	-.372	110	441	-.238	.132	.179	-.759	110	491	-.230	.125	.153	-.706
110	363	.163	.129	.315	-.634	110	442	-.236	.129	.088	-.857	110	492	-.229	.124	.141	-.729
110	364	.128	.141	.657	-.331	110	443	-.246	.135	.242	-.926	110	493	-.204	.123	.320	-.615
110	365	.164	.128	.623	-.223	110	444	-.241	.126	.144	-.945	110	494	-.198	.120	.174	-.679
110	366	.164	.124	.594	-.267	110	445	-.227	.114	.141	-.614	110	495	-.212	.119	.200	-.652
110	367	.170	.122	.623	-.238	110	446	-.225	.094	.056	-.519	110	496	-.224	.118	.135	-.639
110	368	.135	.111	.614	-.220	110	447	-.214	.103	.138	-.614	110	497	-.239	.119	.135	-.652
110	369	.150	.124	.553	-.267	110	448	-.223	.112	.123	-.636	110	498	-.257	.128	.161	-.685
110	370	.105	.113	.544	-.241	110	449	-.253	.119	.100	-.661	110	499	-.248	.126	.132	-.769
110	371	.054	.118	.407	-.294	110	450	-.236	.119	.108	-.604	110	500	-.237	.114	.188	-.648
110	401	-.241	.124	.168	-.665	110	451	-.229	.120	.153	-.630	110	501	-.236	.131	.219	-.665
110	402	-.240	.138	.226	-.717	110	452	-.233	.130	.178	-.747	110	502	-.240	.128	.179	-.773
110	403	-.237	.135	.217	-.752	110	453	-.235	.133	.183	-.702	110	503	-.240	.133	.281	-.866
110	404	-.247	.140	.197	-.843	110	454	-.238	.121	.177	-.610	110	504	-.247	.136	.188	-.824
110	405	-.298	.159	.180	-.826	110	455	-.246	.139	.241	-.781	110	505	-.229	.130	.169	-.949
110	406	-.258	.139	.233	-.791	110	456	-.251	.134	.198	-.705	110	506	-.240	.129	.195	-.1288
110	407	-.266	.122	.102	-.652	110	457	-.240	.134	.263	-.705	110	507	-.228	.126	.157	-.719
110	408	-.255	.119	.147	-.697	110	458	-.242	.136	.159	-.793	110	508	-.239	.134	.179	-.798
110	409	-.252	.123	.152	-.667	110	459	-.229	.130	.223	-.705	110	509	-.214	.135	.195	-.685
110	410	-.245	.128	.246	-.700	110	460	-.234	.132	.178	-.979	110	510	-.217	.126	.190	-.767
110	411	-.240	.116	.164	-.631	110	461	-.213	.124	.154	-.624	110	511	-.202	.117	.204	-.593
110	412	-.245	.133	.173	-.697	110	462	-.224	.124	.165	-.682	110	512	-.234	.128	.212	-.716
110	413	-.270	.151	.243	-.924	110	463	-.209	.122	.139	-.661	110	513	-.232	.106	.129	-.636
110	414	-.291	.170	.165	-.097	110	464	-.233	.122	.145	-.610	110	514	-.248	.128	.256	-.651
110	415	-.233	.128	.142	-.707	110	465	-.239	.118	.160	-.631	110	515	-.238	.122	.135	-.611
110	416	-.247	.128	.154	-.735	110	466	-.250	.122	.169	-.712	110	516	-.224	.119	.157	-.662
110	417	-.247	.125	.184	-.639	110	467	-.232	.112	.144	-.579	110	517	-.238	.128	.151	-.708
110	418	-.241	.118	.189	-.642	110	468	-.236	.126	.274	-.618	110	518	-.229	.124	.207	-.704
110	419	-.217	.127	.267	-.654	110	469	-.231	.120	.150	-.654	110	519	-.255	.134	.133	-.837
110	420	-.233	.132	.219	-.732	110	470	-.228	.121	.157	-.676	110	520	-.243	.141	.231	-.838
110	421	-.222	.128	.245	-.665	110	471	-.246	.142	.129	-.813	110	521	-.244	.136	.203	-.699

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	522	-243	137	166	-850	110	610	-221	119	147	-636	110	902	-200	136	439	-630
110	523	-233	128	169	-790	110	611	-210	124	165	-623	110	903	-254	128	148	-660
110	524	-225	125	191	-787	110	612	-213	125	144	-765	110	904	-250	129	170	-646
110	525	-232	126	207	-683	110	613	-217	121	239	-671	110	905	-253	121	145	-696
110	526	-233	119	181	-572	110	614	-216	129	241	-763	110	906	-251	120	187	-633
110	527	-230	116	145	-645	110	615	-233	121	256	-643	110	907	-315	134	101	-923
110	528	-239	122	123	-636	110	616	-214	135	243	-674	110	908	-292	136	233	-774
110	529	-232	120	203	-643	110	617	-204	124	239	-638	110	909	-304	137	148	-842
110	530	-232	120	133	-625	110	618	-211	121	187	-628	110	910	-353	141	063	-865
110	531	-236	116	127	-717	110	619	-210	122	167	-720	110	911	-318	133	146	-845
110	532	-227	119	154	-628	110	620	-212	123	230	-644	110	912	-261	128	179	-636
110	533	-224	124	269	-596	110	621	-195	121	174	-632	110	913	-283	120	121	-706
110	534	-223	128	141	-668	110	622	-203	114	152	-609	110	914	-249	131	199	-792
110	535	-244	136	252	-677	110	623	-196	112	176	-551	110	915	-249	128	180	-655
110	536	-239	126	184	-685	110	624	-185	116	201	-532	110	916	-355	148	068	-900
110	537	-243	123	169	-745	110	625	-199	126	176	-624	110	917	-217	148	512	-787
110	538	-252	132	147	-872	110	626	-205	122	226	-643	110	918	-419	160	073	-1013
110	539	-237	129	215	-859	110	627	-190	114	308	-568	110	919	-298	135	126	-709
110	540	-230	124	170	-995	110	628	-185	121	166	-590	110	920	-298	146	177	-842
110	541	-228	126	256	-598	110	629	-191	126	210	-735	110	921	-153	125	299	-632
110	542	-226	117	128	-712	110	630	-187	128	245	-697	110	922	-254	130	155	-752
110	543	-238	112	152	-654	110	631	-195	127	185	-646	110	923	-241	126	207	-719
110	544	-233	122	192	-642	110	632	-178	120	239	-605	110	924	-236	137	762	-279
110	545	-243	127	194	-701	110	633	-192	114	234	-596	110	925	-198	136	749	-226
110	546	-237	128	265	-694	110	634	-195	121	170	-630	110	926	-196	121	740	-206
110	547	-238	137	238	-814	110	635	-199	124	237	-680	110	927	-150	115	561	-207
110	548	-242	119	079	-717	110	636	-195	129	193	-643	110	928	-093	124	511	-303
110	549	-236	119	122	-786	110	637	-198	121	259	-582	110	929	-057	124	503	-383
110	550	-241	091	030	-571	110	638	-191	118	192	-661	110	930	-042	118	354	-505
110	551	-229	118	146	-639	110	639	-206	130	270	-656	110	931	-203	132	634	-210
110	552	-228	113	213	-590	110	640	-207	118	185	-932	110	932	-129	111	613	-226
110	553	-238	116	119	-587	110	641	-226	139	243	-875	110	933	-123	118	496	-235
110	554	-233	122	233	-580	110	642	-219	123	160	-615	110	934	-133	115	638	-221
110	555	-239	110	131	-577	110	643	-213	115	130	-713	110	935	-142	127	707	-266
110	556	-226	113	165	-584	110	644	-229	130	148	-712	110	936	-131	117	505	-245
110	557	-230	114	125	-669	110	645	-218	123	185	-672	110	937	-305	137	242	-798
110	558	-233	118	140	-587	110	646	-212	119	174	-595	110	938	-228	127	264	-696
110	559	-221	117	224	-565	110	647	-223	110	067	-598	110	939	-268	139	214	-1010
110	560	-196	124	203	-642	110	648	-233	123	257	-696	120	101	-095	131	520	-388
110	561	-305	126	065	-753	110	649	-217	116	113	-716	120	102	-031	129	420	-462
110	562	-362	130	113	-831	110	650	-220	111	110	-644	120	103	-007	130	493	-635
110	601	-252	136	142	-722	110	651	-219	118	186	-614	120	104	-122	135	316	-551
110	602	-251	128	230	-705	110	801	-081	116	469	-303	120	105	-435	183	119	-1075
110	603	-243	126	170	-684	110	802	-281	136	231	-789	120	106	-265	148	246	-856
110	604	-277	120	153	-672	110	803	-246	135	237	-805	120	107	-287	124	161	-698
110	605	-267	125	194	-705	110	804	-203	120	151	-627	120	108	-279	147	228	-773
110	606	-253	134	219	-716	110	805	-227	122	230	-636	120	109	-202	129	244	-616
110	607	-259	128	176	-753	110	806	-299	135	125	-883	120	110	-214	129	257	-675
110	608	-248	113	094	-613	110	807	-225	135	310	-699	120	111	-290	119	088	-759
110	609	-220	120	268	-719	110	901	-177	137	305	-704	120	112	-255	126	157	-764

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	113	- .289	.127	.161	- .674	120	163	- .291	.128	.094	- .791	120	213	- .278	.129	.138	- .777
120	114	- .306	.132	.153	- .773	120	164	- .278	.130	.127	- 1 .250	120	214	- .274	.138	.116	- .897
120	115	- .326	.129	.080	- .830	120	165	- .281	.129	.209	- .773	120	215	- .256	.139	.165	- .890
120	116	- .325	.134	.111	- .809	120	166	- .280	.135	.202	- .838	120	216	- .191	.136	.703	- .222
120	117	- .047	.129	.516	- .422	120	167	- .287	.133	.146	- .822	120	217	- .205	.133	.702	- .361
120	118	- .009	.123	.503	- .412	120	168	- .216	.176	.801	- .370	120	218	- .208	.119	.618	- .195
120	119	- .014	.124	.496	- .453	120	169	- .194	.148	.656	- .360	120	219	- .176	.118	.672	- .196
120	120	- .024	.136	.419	- .488	120	170	- .231	.139	.757	- .159	120	220	- .148	.111	.504	- .239
120	121	- .037	.131	.503	- .473	120	171	- .181	.127	.638	- .213	120	221	- .100	.122	.537	- .302
120	122	- .086	.114	.302	- .454	120	172	- .150	.118	.563	- .240	120	222	- .025	.123	.456	- .345
120	123	- .148	.118	.229	- .495	120	173	- .090	.118	.516	- .265	120	223	- .006	.115	.397	- .422
120	124	- .209	.113	.185	- .578	120	174	- .019	.112	.356	- .347	120	224	- .132	.111	.309	- .469
120	125	- .346	.143	.076	- .897	120	175	- .011	.121	.465	- .413	120	225	- .191	.122	.218	- .624
120	126	- .281	.125	.146	- .952	120	176	- .131	.121	.243	- .567	120	226	- .301	.142	.112	- 1 .145
120	127	- .283	.121	.114	- .692	120	177	- .185	.122	.196	- .688	120	227	- .289	.141	.160	- .887
120	128	- .276	.114	.119	- .674	120	178	- .270	.132	.200	- .853	120	228	- .287	.140	.141	- .957
120	129	- .272	.127	.121	- .730	120	179	- .262	.139	.135	- .994	120	229	- .268	.130	.100	- .811
120	130	- .274	.125	.146	- .709	120	180	- .280	.133	.084	- .897	120	230	- .260	.122	.170	- .719
120	131	- .281	.120	.045	- .706	120	181	- .276	.136	.149	- .964	120	231	- .253	.130	.125	- .702
120	132	- .254	.114	.077	- .716	120	182	- .270	.133	.140	- .732	120	232	- .166	.123	.619	- .264
120	133	- .274	.121	.116	- .706	120	183	- .273	.140	.194	- .948	120	233	- .186	.127	.618	- .196
120	134	- .041	.177	.645	- .763	120	184	- .216	.143	.760	- .269	120	234	- .234	.127	.738	- .158
120	135	- .025	.151	.559	- .573	120	185	- .230	.147	.706	- .454	120	235	- .217	.124	.657	- .186
120	136	- .089	.137	.686	- .343	120	186	- .239	.135	.763	- .212	120	236	- .166	.113	.514	- .182
120	137	- .086	.129	.569	- .304	120	187	- .189	.123	.587	- .216	120	237	- .104	.116	.520	- .289
120	138	- .126	.123	.684	- .292	120	188	- .163	.118	.579	- .235	120	238	- .013	.120	.384	- .345
120	139	- .068	.131	.504	- .327	120	189	- .103	.118	.476	- .303	120	239	- .034	.107	.343	- .414
120	140	- .022	.128	.565	- .402	120	190	- .028	.113	.385	- .331	120	240	- .172	.115	.244	- .562
120	141	- .006	.120	.454	- .386	120	191	- .012	.114	.410	- .407	120	241	- .227	.118	.150	- .608
120	142	- .063	.114	.296	- .462	120	192	- .125	.125	.296	- .512	120	242	- .363	.153	.092	- 1 .068
120	143	- .161	.111	.208	- .517	120	193	- .197	.120	.184	- .695	120	243	- .302	.144	.083	- .796
120	144	- .190	.120	.153	- .615	120	194	- .264	.138	.241	- .801	120	244	- .267	.127	.113	- .711
120	145	- .230	.120	.136	- .721	120	195	- .254	.131	.119	- .775	120	245	- .252	.115	.184	- .656
120	146	- .268	.136	.153	- .725	120	196	- .281	.138	.140	- .866	120	246	- .233	.120	.181	- .677
120	147	- .285	.126	.083	- .917	120	197	- .250	.135	.150	- 1 .010	120	247	- .224	.124	.196	- .637
120	148	- .279	.129	.161	- .711	120	198	- .265	.137	.113	- .834	120	248	- .071	.128	.410	- .497
120	149	- .262	.122	.100	- .794	120	199	- .283	.131	.128	- .948	120	249	- .110	.132	.331	- .519
120	150	- .277	.120	.174	- .724	120	200	- .202	.136	.649	- .256	120	250	- .133	.125	.254	- .575
120	151	- .260	.132	.126	- .720	120	201	- .204	.131	.649	- .293	120	251	- .116	.116	.273	- .626
120	152	- .155	.179	.794	- .435	120	202	- .228	.130	.750	- .221	120	252	- .156	.124	.283	- .712
120	153	- .184	.133	.666	- .284	120	203	- .184	.118	.800	- .306	120	253	- .012	.125	.439	- .618
120	154	- .202	.121	.630	- .179	120	204	- .156	.122	.534	- .225	120	254	- .029	.108	.503	- .329
120	155	- .153	.124	.575	- .254	120	205	- .094	.107	.460	- .247	120	255	- .015	.110	.518	- .375
120	156	- .115	.139	.704	- .366	120	206	- .035	.111	.486	- .359	120	256	- .048	.117	.300	- .480
120	157	- .065	.123	.569	- .395	120	207	- .000	.116	.462	- .420	120	257	- .189	.119	.266	- .618
120	158	- .002	.122	.438	- .425	120	208	- .127	.120	.257	- .482	120	258	- .186	.118	.280	- .633
120	159	- .039	.110	.318	- .410	120	209	- .195	.108	.174	- .572	120	259	- .182	.119	.181	- .621
120	160	- .137	.115	.307	- .651	120	210	- .261	.133	.138	- 1 .215	120	260	- .016	.113	.559	- .342
120	161	- .189	.118	.204	- .637	120	211	- .281	.137	.084	- 1 .022	120	261	- .040	.110	.395	- .345
120	162	- .274	.136	.109	- .757	120	212	- .279	.139	.141	- .936	120	262	- .038	.113	.415	- .293

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	263	.023	.119	.433	-.462	120	344	.227	.131	.707	-.186	120	423	-.230	.143	.242	-.689
120	264	-.018	.130	.467	-.624	120	345	-.065	.121	.391	-.481	120	424	-.229	.130	.292	-.746
120	265	-.121	.117	.242	-.559	120	346	.020	.123	.502	-.422	120	425	-.257	.145	.247	-.868
120	266	-.125	.108	.248	-.452	120	347	.091	.109	.466	-.304	120	426	-.294	.156	.163	-.879
120	267	-.177	.108	.255	-.534	120	348	.126	.117	.532	-.228	120	427	-.245	.125	.165	-.713
120	268	-.243	.139	.234	-.827	120	349	.129	.128	.543	-.314	120	428	-.246	.129	.179	-.696
120	269	-.248	.121	.116	-.683	120	350	.114	.127	.516	-.305	120	429	-.239	.112	.150	-.646
120	301	.093	.175	.733	-.445	120	351	.159	.120	.591	-.339	120	430	-.248	.127	.149	-.668
120	302	.195	.181	.820	-.513	120	352	.146	.121	.552	-.311	120	431	-.229	.116	.206	-.622
120	303	.213	.180	.884	-.382	120	353	.166	.122	.687	-.267	120	432	-.243	.131	.204	-.748
120	304	-.328	.144	.334	-.799	120	354	.113	.115	.567	-.318	120	433	-.234	.130	.166	-.682
120	305	.160	.157	.978	-.838	120	355	-.099	.120	.339	-.571	120	434	-.213	.127	.250	-.653
120	306	-.233	.181	.611	-.786	120	356	-.045	.112	.370	-.426	120	435	-.225	.130	.163	-.720
120	307	.094	.163	.535	-.728	120	357	.018	.115	.429	-.332	120	436	-.217	.126	.165	-.624
120	308	-.160	.158	.403	-.620	120	358	.084	.123	.494	-.389	120	437	-.244	.144	.275	-.925
120	309	-.242	.163	.268	-.714	120	359	.121	.114	.543	-.291	120	438	-.262	.146	.152	-.886
120	310	.066	.183	.703	-.510	120	360	.130	.114	.671	-.278	120	439	-.240	.141	.191	-.769
120	311	.131	.189	.785	-.462	120	361	.126	.115	.543	-.284	120	440	-.244	.140	.194	-.823
120	312	.160	.177	.783	-.392	120	362	-.073	.113	.443	-.267	120	441	-.252	.146	.206	-.1069
120	313	-.216	.132	.218	-.715	120	363	-.136	.138	.596	-.604	120	442	-.286	.149	.114	-.1095
120	314	-.338	.177	.325	-.976	120	364	.132	.139	.653	-.485	120	443	-.283	.156	.152	-.1136
120	315	.095	.155	.717	-.388	120	365	.156	.120	.578	-.263	120	444	-.273	.150	.103	-.1104
120	316	.144	.168	.727	-.452	120	366	.162	.117	.608	-.197	120	445	-.239	.122	.141	-.697
120	317	.165	.153	.710	-.349	120	367	.165	.111	.599	-.213	120	446	-.231	.088	.061	-.564
120	318	.158	.159	.753	-.284	120	368	.142	.130	.557	-.291	120	447	-.226	.102	.083	-.555
120	319	.141	.139	.651	-.270	120	369	.144	.118	.591	-.207	120	448	-.223	.113	.174	-.644
120	320	.100	.155	.656	-.401	120	370	.122	.116	.537	-.281	120	449	-.243	.126	.172	-.660
120	321	.216	.146	.935	-.172	120	371	.063	.119	.492	-.377	120	450	-.223	.126	.169	-.643
120	322	.291	.164	.862	-.203	120	401	-.244	.122	.206	-.610	120	451	-.232	.138	.235	-.723
120	323	.311	.153	.831	-.162	120	402	-.257	.131	.180	-.699	120	452	-.232	.136	.195	-.757
120	324	.275	.149	.915	-.312	120	403	-.262	.125	.134	-.700	120	453	-.241	.134	.193	-.807
120	325	.077	.150	.635	-.371	120	404	-.285	.151	.146	-.790	120	454	-.231	.123	.171	-.625
120	326	.214	.148	.739	-.320	120	405	-.326	.161	.170	-.897	120	455	-.257	.154	.276	-.753
120	327	.284	.139	.802	-.202	120	406	-.341	.170	.151	-.978	120	456	-.246	.139	.277	-.759
120	328	.321	.148	.937	-.111	120	407	-.336	.159	.196	-.855	120	457	-.254	.140	.222	-.864
120	329	.264	.136	.769	-.281	120	408	-.264	.116	.176	-.645	120	458	-.296	.159	.120	-.863
120	330	.054	.134	.634	-.337	120	409	-.253	.131	.159	-.797	120	459	-.283	.143	.226	-.852
120	331	.148	.141	.667	-.277	120	410	-.260	.132	.160	-.716	120	460	-.289	.160	.255	-.1071
120	332	.271	.145	.781	-.140	120	411	-.272	.134	.180	-.798	120	461	-.241	.136	.184	-.709
120	333	.271	.126	.850	-.160	120	412	-.279	.144	.143	-.835	120	462	-.241	.120	.199	-.639
120	334	.282	.126	.694	-.166	120	413	-.320	.165	.164	-.973	120	463	-.220	.115	.108	-.621
120	335	.022	.125	.464	-.461	120	414	-.339	.179	.258	-.1115	120	464	-.237	.117	.144	-.781
120	336	.158	.139	.640	-.278	120	415	-.247	.122	.138	-.699	120	465	-.242	.127	.144	-.756
120	337	.252	.136	.811	-.172	120	416	-.246	.117	.215	-.661	120	466	-.244	.126	.223	-.678
120	338	.281	.146	.884	-.193	120	417	-.259	.134	.206	-.717	120	467	-.237	.126	.175	-.663
120	339	.244	.135	.798	-.187	120	418	-.242	.130	.209	-.772	120	468	-.231	.125	.174	-.642
120	340	-.004	.122	.473	-.395	120	419	-.236	.135	.167	-.1181	120	469	-.240	.136	.175	-.831
120	341	.123	.143	.719	-.317	120	420	-.239	.127	.162	-.725	120	470	-.240	.126	.235	-.712
120	342	.192	.135	.677	-.282	120	421	-.217	.119	.146	-.680	120	471	-.248	.157	.172	-.1123
120	343	.223	.129	.782	-.166	120	422	-.224	.133	.227	-.671	120	472	-.254	.148	.166	-.808

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	473	-260	145	192	-871	120	523	-234	136	199	-774	120	611	-223	132	177	-803
120	474	-264	160	181	-945	120	524	-242	141	162	-994	120	612	-219	124	214	-623
120	475	-266	146	165	-1223	120	525	-222	131	183	-734	120	613	-219	125	196	-608
120	476	-284	147	160	-889	120	526	-210	127	235	-629	120	614	-213	128	198	-704
120	477	-220	130	261	-655	120	527	-214	124	169	-746	120	615	-218	119	262	-625
120	478	-224	135	184	-718	120	528	-223	125	172	-581	120	616	-208	124	218	-658
120	479	-220	126	163	-625	120	529	-234	126	189	-748	120	617	-206	127	232	-687
120	480	-224	129	216	-696	120	530	-243	131	128	-746	120	618	-207	124	149	-689
120	481	-253	132	163	-781	120	531	-225	125	195	-731	120	619	-211	118	248	-590
120	482	-239	127	181	-616	120	532	-222	128	189	-753	120	620	-219	118	186	-597
120	483	-238	131	214	-796	120	533	-222	127	159	-667	120	621	-193	119	276	-599
120	484	-240	138	175	-753	120	534	-235	129	109	-803	120	622	-187	118	178	-590
120	485	-232	134	207	-667	120	535	-236	131	193	-777	120	623	-181	118	239	-562
120	486	-237	140	189	-667	120	536	-233	133	224	-955	120	624	-197	120	219	-576
120	487	-243	143	279	-925	120	537	-233	130	138	-716	120	625	-209	129	203	-630
120	488	-258	148	174	-895	120	538	-247	137	271	-936	120	626	-198	129	174	-685
120	489	-260	153	238	-1032	120	539	-249	147	172	-1267	120	627	-173	117	226	-615
120	490	-245	140	141	-801	120	540	-227	138	217	-1306	120	628	-178	126	305	-545
120	491	-245	149	163	-981	120	541	-217	125	181	-626	120	629	-173	122	216	-628
120	492	-231	146	180	-1011	120	542	-223	114	153	-700	120	630	-179	111	198	-579
120	493	-213	126	216	-645	120	543	-215	120	240	-629	120	631	-184	118	156	-568
120	494	-196	119	241	-642	120	544	-219	128	159	-872	120	632	-177	119	258	-701
120	495	-202	124	227	-638	120	545	-232	132	171	-748	120	633	-171	124	273	-652
120	496	-215	122	215	-626	120	546	-243	123	139	-785	120	634	-181	125	253	-660
120	497	-244	131	177	-811	120	547	-239	128	189	-755	120	635	-186	113	231	-541
120	498	-248	132	156	-806	120	548	-248	137	151	-829	120	636	-185	115	193	-584
120	499	-244	128	103	-676	120	549	-262	146	107	-963	120	637	-181	117	194	-637
120	500	-220	121	180	-620	120	550	-215	092	079	-501	120	638	-176	123	212	-723
120	501	-237	147	198	-738	120	551	-202	114	192	-691	120	639	-183	124	270	-798
120	502	-231	131	283	-729	120	552	-215	116	267	-776	120	640	-191	123	207	-732
120	503	-242	140	172	-1019	120	553	-223	120	158	-599	120	641	-207	133	222	-827
120	504	-257	144	193	-1066	120	554	-214	110	141	-617	120	642	-192	122	207	-576
120	505	-254	139	147	-896	120	555	-222	123	241	-650	120	643	-200	117	156	-599
120	506	-265	156	229	-957	120	556	-230	130	244	-694	120	644	-197	134	237	-722
120	507	-276	164	180	-1186	120	557	-215	118	189	-673	120	645	-202	120	210	-833
120	508	-251	142	171	-947	120	558	-221	121	330	-663	120	646	-195	116	176	-605
120	509	-210	121	186	-635	120	559	-212	115	197	-635	120	647	-199	113	101	-577
120	510	-207	118	221	-679	120	560	-179	117	216	-564	120	648	-216	120	188	-601
120	511	-200	124	206	-666	120	561	-296	135	138	-870	120	649	-207	111	208	-542
120	512	-224	121	205	-624	120	562	-346	144	076	-947	120	650	-198	126	277	-677
120	513	-241	120	168	-676	120	601	-245	134	199	-685	120	651	-198	123	220	-825
120	514	-237	124	171	-646	120	602	-255	126	161	-661	120	801	-085	120	516	-302
120	515	-236	132	153	-774	120	603	-255	131	223	-717	120	802	-291	128	111	-782
120	516	-230	121	174	-689	120	604	-260	132	182	-675	120	803	-241	121	176	-673
120	517	-222	132	159	-782	120	605	-242	128	201	-755	120	804	-196	128	196	-634
120	518	-231	129	175	-947	120	606	-251	130	126	-700	120	805	-214	128	242	-618
120	519	-242	128	162	-955	120	607	-245	124	133	-795	120	806	-257	139	192	-800
120	520	-247	141	147	-780	120	608	-232	115	270	-636	120	807	-210	126	212	-692
120	521	-253	128	155	-787	120	609	-221	135	220	-701	120	901	-172	134	292	-768
120	522	-279	161	134	-1368	120	610	-224	114	108	-610	120	902	-191	128	360	-677

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	903	- .250	.138	.186	- .718	130	114	- .253	.144	.345	- .692	130	164	- .252	.125	.127	- .651
120	904	- .247	.119	.229	- .692	130	115	- .320	.122	.236	- .884	130	165	- .262	.114	.172	- .752
120	905	- .235	.131	.164	- .748	130	116	- .303	.116	.067	- .636	130	166	- .255	.122	.152	- .720
120	906	- .245	.131	.234	- .897	130	117	- .015	.134	.479	- .601	130	167	- .267	.131	.124	- .799
120	907	- .338	.136	.199	- .830	130	118	- .081	.127	.483	- .385	130	168	- .112	.161	.645	- .452
120	908	- .311	.144	.135	- .846	130	119	- .037	.124	.382	- .365	130	169	- .127	.169	.730	- .389
120	909	- .281	.149	.263	- .942	130	120	- .027	.129	.509	- .427	130	170	- .185	.121	.635	- .235
120	910	- .386	.156	.056	- .951	130	121	- .056	.117	.434	- .515	130	171	- .144	.123	.604	- .285
120	911	- .322	.131	.154	- .813	130	122	- .096	.114	.248	- .524	130	172	- .114	.118	.522	- .238
120	912	- .248	.127	.296	- .745	130	123	- .141	.102	.178	- .531	130	173	- .073	.116	.458	- .279
120	913	- .270	.125	.191	- .695	130	124	- .200	.113	.198	- .609	130	174	- .001	.112	.364	- .406
120	914	- .254	.132	.118	- .787	130	125	- .307	.127	.057	- .816	130	175	- .025	.114	.353	- .378
120	915	- .243	.133	.136	- .751	130	126	- .273	.107	.072	- .686	130	176	- .135	.108	.331	- .481
120	916	- .364	.137	.138	- .800	130	127	- .259	.122	.119	- .710	130	177	- .185	.110	.231	- .576
120	917	- .215	.153	.338	- .842	130	128	- .261	.120	.122	- .751	130	178	- .235	.127	.155	- .692
120	918	- .437	.166	.139	- .997	130	129	- .244	.119	.137	- .674	130	179	- .255	.122	.108	- .835
120	919	- .306	.130	.118	- .789	130	130	- .258	.119	.146	- .722	130	180	- .260	.133	.168	- .841
120	920	- .262	.145	.213	- .755	130	131	- .273	.120	.080	- .678	130	181	- .251	.123	.130	- .725
120	921	- .156	.124	.337	- .583	130	132	- .242	.111	.126	- .623	130	182	- .260	.120	.172	- .668
120	922	- .240	.124	.199	- .679	130	133	- .257	.118	.152	- .685	130	183	- .265	.134	.118	- .917
120	923	- .252	.127	.141	- .665	130	134	- .146	.154	.451	- .707	130	184	- .147	.162	.704	- .537
120	924	- .212	.129	.853	- .244	130	135	- .108	.179	.486	- .756	130	185	- .157	.158	.659	- .484
120	925	- .207	.125	.779	- .217	130	136	- .086	.144	.664	- .339	130	186	- .214	.129	.660	- .434
120	926	- .176	.128	.699	- .211	130	137	- .096	.126	.578	- .360	130	187	- .162	.125	.559	- .255
120	927	- .131	.127	.713	- .380	130	138	- .098	.125	.595	- .324	130	188	- .119	.115	.566	- .245
120	928	- .083	.136	.558	- .508	130	139	- .042	.120	.500	- .399	130	189	- .079	.116	.533	- .320
120	929	- .039	.116	.415	- .345	130	140	- .005	.113	.424	- .399	130	190	- .016	.107	.331	- .320
120	930	- .038	.110	.322	- .392	130	141	- .022	.126	.421	- .477	130	191	- .022	.110	.386	- .394
120	931	- .176	.121	.649	- .198	130	142	- .085	.112	.287	- .426	130	192	- .124	.111	.218	- .517
120	932	- .129	.131	.542	- .273	130	143	- .154	.105	.265	- .547	130	193	- .174	.108	.158	- .627
120	933	- .113	.116	.586	- .241	130	144	- .169	.118	.218	- .542	130	194	- .231	.121	.095	- .763
120	934	- .128	.117	.573	- .256	130	145	- .214	.116	.227	- .593	130	195	- .229	.125	.168	- .657
120	935	- .139	.123	.659	- .328	130	146	- .254	.116	.107	- .677	130	196	- .245	.128	.120	- .810
120	936	- .128	.120	.557	- .202	130	147	- .249	.109	.090	- .603	130	197	- .242	.125	.167	- .774
120	937	- .319	.135	.070	- .794	130	148	- .257	.113	.127	- .621	130	198	- .247	.130	.153	- .939
120	938	- .239	.131	.181	- .849	130	149	- .262	.121	.165	- .723	130	199	- .263	.131	.155	- 1.007
120	939	- .270	.147	.222	- .776	130	150	- .260	.119	.123	- .680	130	200	- .167	.138	.667	- .434
130	101	- .058	.143	.488	- .550	130	151	- .258	.121	.166	- .780	130	201	- .171	.150	.623	- .503
130	102	- .006	.127	.385	- .445	130	152	- .077	.166	.747	- .526	130	202	- .188	.121	.581	- .263
130	103	- .025	.126	.427	- .451	130	153	- .075	.135	.509	- .386	130	203	- .166	.127	.685	- .262
130	104	- .186	.126	.225	- .626	130	154	- .178	.108	.487	- .189	130	204	- .125	.113	.529	- .205
130	105	- .461	.162	.109	- 1.071	130	155	- .130	.121	.529	- .313	130	205	- .081	.109	.461	- .295
130	106	- .285	.142	.248	- .805	130	156	- .075	.120	.424	- .324	130	206	- .012	.107	.401	- .342
130	107	- .280	.124	.116	- .779	130	157	- .644	.123	.550	- .378	130	207	- .013	.117	.386	- .368
130	108	- .248	.136	.167	- .758	130	158	- .027	.117	.398	- .348	130	208	- .113	.117	.254	- .537
130	109	- .198	.133	.389	- .703	130	159	- .051	.105	.294	- .396	130	209	- .180	.117	.252	- .608
130	110	- .218	.121	.215	- .699	130	160	- .150	.112	.225	- .554	130	210	- .222	.127	.135	- .670
130	111	- .295	.128	.147	- .783	130	161	- .187	.117	.224	- .585	130	211	- .233	.113	.144	- .660
130	112	- .269	.123	.105	- .771	130	162	- .242	.126	.215	- .744	130	212	- .243	.132	.131	- .803
130	113	- .272	.124	.104	- .692	130	163	- .258	.122	.167	- .744	130	213	- .246	.134	.186	- .867

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	214	- .237	.119	.105	- .719	130	264	- .013	.118	.389	- .459	130	345	- .066	.127	.391	- .631
130	215	- .237	.138	.176	- .971	130	265	- .108	.120	.332	- .459	130	346	- .011	.124	.618	- .379
130	216	- .155	.133	.708	- .326	130	266	- .112	.110	.212	- .503	130	347	- .102	.121	.543	- .287
130	217	- .166	.126	.598	- .328	130	267	- .153	.110	.186	- .557	130	348	- .125	.122	.599	- .248
130	218	- .198	.118	.669	- .133	130	268	- .199	.124	.232	- .603	130	349	- .150	.121	.520	- .231
130	219	- .173	.114	.600	- .184	130	269	- .197	.118	.205	- .604	130	350	- .143	.121	.650	- .252
130	220	- .130	.112	.581	- .191	130	301	- .160	.174	.710	- .378	130	351	- .155	.129	.641	- .251
130	221	- .081	.110	.445	- .264	130	302	- .216	.182	.881	- .462	130	352	- .139	.118	.618	- .263
130	222	- .021	.107	.411	- .318	130	303	- .207	.171	.820	- .346	130	353	- .141	.122	.543	- .219
130	223	- .016	.111	.417	- .384	130	304	- .291	.156	.326	- .877	130	354	- .114	.122	.501	- .315
130	224	- .120	.119	.243	- .475	130	305	- .098	.185	.593	- .689	130	355	- .092	.123	.341	- .358
130	225	- .183	.118	.248	- .663	130	306	- .173	.180	.394	- .844	130	356	- .050	.122	.330	- .490
130	226	- .275	.146	.264	- .857	130	307	- .060	.163	.471	- .625	130	357	- .022	.115	.476	- .375
130	227	- .255	.128	.155	- .839	130	308	- .115	.150	.465	- .610	130	358	- .084	.106	.456	- .276
130	228	- .269	.131	.193	- .759	130	309	- .176	.180	.520	- .667	130	359	- .110	.113	.436	- .270
130	229	- .252	.130	.121	- .745	130	310	- .127	.193	.779	- .579	130	360	- .114	.112	.480	- .273
130	230	- .249	.125	.155	- .781	130	311	- .226	.188	.886	- .332	130	361	- .127	.110	.500	- .249
130	231	- .241	.123	.180	- .670	130	312	- .198	.161	.707	- .375	130	362	- .075	.120	.479	- .344
130	232	- .164	.118	.564	- .274	130	313	- .204	.129	.277	- .752	130	363	- .126	.143	.531	- .603
130	233	- .190	.126	.636	- .243	130	314	- .312	.172	.341	- 1.016	130	364	- .139	.129	.589	- .322
130	234	- .227	.115	.660	- .097	130	315	- .138	.168	.762	- .341	130	365	- .162	.132	.630	- .225
130	235	- .196	.122	.754	- .204	130	316	- .193	.161	.786	- .330	130	366	- .160	.116	.532	- .219
130	236	- .149	.108	.512	- .208	130	317	- .179	.153	.876	- .271	130	367	- .152	.119	.648	- .188
130	237	- .087	.110	.476	- .277	130	318	- .164	.143	.713	- .253	130	368	- .133	.116	.519	- .322
130	238	- .017	.107	.421	- .331	130	319	- .139	.135	.690	- .313	130	369	- .129	.105	.461	- .233
130	239	- .039	.103	.344	- .426	130	320	- .138	.156	.668	- .379	130	370	- .124	.119	.510	- .230
130	240	- .159	.105	.196	- .500	130	321	- .272	.175	.923	- .249	130	371	- .077	.115	.397	- .372
130	241	- .207	.126	.219	- .589	130	322	- .304	.162	.846	- .185	130	401	- .251	.135	.247	- .736
130	242	- .337	.149	.066	- .886	130	323	- .292	.136	.817	- .101	130	402	- .259	.132	.215	- .691
130	243	- .291	.138	.174	- .790	130	324	- .262	.128	.723	- .241	130	403	- .290	.137	.119	- .861
130	244	- .255	.127	.145	- .833	130	325	- .108	.149	.679	- .343	130	404	- .341	.134	.139	- .840
130	245	- .234	.114	.111	- .677	130	326	- .231	.151	.707	- .273	130	405	- .330	.156	.137	- 1.006
130	246	- .216	.116	.164	- .664	130	327	- .311	.153	.808	- .208	130	406	- .384	.169	.174	- 1.039
130	247	- .206	.121	.243	- .670	130	328	- .292	.132	.838	- .097	130	407	- .404	.154	.338	- 1.009
130	248	- .061	.127	.407	- .526	130	329	- .248	.129	.723	- .192	130	408	- .244	.121	.139	- .633
130	249	- .085	.126	.346	- .499	130	330	- .055	.141	.575	- .437	130	409	- .233	.126	.215	- .766
130	250	- .114	.111	.227	- .515	130	331	- .212	.146	.719	- .209	130	410	- .266	.135	.191	- .707
130	251	- .098	.123	.285	- .474	130	332	- .284	.146	.825	- .133	130	411	- .307	.150	.175	- .854
130	252	- .129	.117	.257	- .550	130	333	- .266	.135	.835	- .117	130	412	- .286	.139	.262	- .784
130	253	- .010	.116	.404	- .365	130	334	- .247	.130	.780	- .146	130	413	- .332	.183	.178	- .971
130	254	- .033	.113	.413	- .396	130	335	- .069	.136	.605	- .347	130	414	- .352	.188	.241	- 1.037
130	255	- .012	.117	.467	- .406	130	336	- .173	.140	.671	- .232	130	415	- .233	.120	.129	- .723
130	256	- .032	.114	.319	- .409	130	337	- .279	.148	.801	- .165	130	416	- .231	.121	.205	- .610
130	257	- .179	.113	.254	- .540	130	338	- .245	.122	.724	- .140	130	417	- .242	.126	.182	- .693
130	258	- .154	.100	.243	- .522	130	339	- .237	.133	.838	- .186	130	418	- .233	.131	.220	- .685
130	259	- .161	.115	.184	- .587	130	340	- .030	.134	.491	- .494	130	419	- .218	.135	.204	- .724
130	260	- .014	.106	.372	- .352	130	341	- .123	.130	.559	- .265	130	420	- .218	.128	.200	- .758
130	261	- .046	.107	.427	- .339	130	342	- .212	.131	.779	- .219	130	421	- .236	.126	.152	- .877
130	262	- .034	.116	.402	- .368	130	343	- .231	.128	.657	- .132	130	422	- .239	.133	.187	- .683
130	263	- .025	.117	.424	- .378	130	344	- .226	.122	.706	- .188	130	423	- .223	.136	.232	- .781

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	424	-228	137	228	-794	130	474	-340	185	230	-1104	130	524	-275	166	222	-1257
130	425	-250	148	187	-807	130	475	-320	184	230	-1171	130	525	-195	122	177	-680
130	426	-305	137	195	-818	130	476	-316	162	135	-1190	130	526	-200	128	215	-686
130	427	-221	122	221	-661	130	477	-234	139	251	-730	130	527	-189	121	253	-586
130	428	-223	115	142	-571	130	478	-235	132	205	-735	130	528	-197	124	219	-727
130	429	-220	129	203	-585	130	479	-209	123	181	-602	130	529	-221	124	225	-654
130	430	-231	130	198	-672	130	480	-238	127	193	-822	130	530	-220	127	241	-582
130	431	-239	134	251	-694	130	481	-224	130	205	-650	130	531	-208	131	282	-715
130	432	-231	126	197	-652	130	482	-222	127	219	-659	130	532	-205	126	212	-740
130	433	-213	127	174	-629	130	483	-230	134	171	-634	130	533	-221	131	173	-665
130	434	-225	129	136	-766	130	484	-227	136	247	-769	130	534	-229	127	162	-827
130	435	-210	125	230	-626	130	485	-228	144	315	-691	130	535	-218	124	161	-756
130	436	-215	129	277	-726	130	486	-238	138	233	-739	130	536	-245	138	155	-843
130	437	-258	133	172	-819	130	487	-262	156	211	-1199	130	537	-229	137	192	-824
130	438	-265	137	194	-869	130	488	-262	146	146	-945	130	538	-263	163	186	-1090
130	439	-223	141	310	-774	130	489	-275	165	195	-990	130	539	-257	161	139	-1051
130	440	-220	132	171	-843	130	490	-320	189	170	-1224	130	540	-271	172	190	-1392
130	441	-242	158	291	-900	130	491	-291	165	223	-916	130	541	-205	122	195	-696
130	442	-274	155	148	-854	130	492	-306	178	162	-1024	130	542	-208	127	246	-635
130	443	-316	162	219	-1045	130	493	-211	130	226	-666	130	543	-222	124	192	-689
130	444	-380	207	101	-1222	130	494	-210	136	213	-806	130	544	-217	134	208	-774
130	445	-222	116	133	-613	130	495	-196	119	227	-602	130	545	-218	128	153	-872
130	446	-227	091	047	-537	130	496	-220	121	193	-622	130	546	-229	145	183	-827
130	447	-217	105	108	-614	130	497	-238	129	192	-643	130	547	-247	145	158	-1063
130	448	-230	127	198	-669	130	498	-232	120	205	-657	130	548	-275	148	134	-883
130	449	-229	125	168	-656	130	499	-237	131	192	-838	130	549	-259	134	087	-1100
130	450	-238	132	232	-751	130	500	-223	134	205	-712	130	550	-180	103	161	-513
130	451	-237	134	207	-763	130	501	-231	140	208	-771	130	551	-184	107	139	-620
130	452	-234	122	225	-625	130	502	-238	144	203	-1016	130	552	-196	119	178	-641
130	453	-238	139	143	-928	130	503	-264	149	212	-890	130	553	-221	116	089	-684
130	454	-250	132	202	-736	130	504	-250	155	277	-912	130	554	-205	122	231	-667
130	455	-250	141	232	-813	130	505	-280	167	178	-926	130	555	-208	123	181	-744
130	456	-248	143	199	-862	130	506	-282	165	212	-1093	130	556	-208	120	161	-634
130	457	-278	157	174	-1040	130	507	-300	168	137	-1215	130	557	-215	126	157	-886
130	458	-322	184	186	-963	130	508	-272	158	189	-957	130	558	-208	126	147	-612
130	459	-374	188	155	-1373	130	509	-200	124	184	-620	130	559	-205	121	176	-602
130	460	-357	186	149	-1313	130	510	-191	121	189	-635	130	560	-182	119	338	-632
130	461	-255	128	161	-832	130	511	-192	120	227	-532	130	561	-271	120	107	-712
130	462	-249	124	229	-894	130	512	-210	116	200	-651	130	562	-344	147	081	-893
130	463	-231	116	164	-659	130	513	-229	126	165	-711	130	601	-242	126	105	-702
130	464	-232	123	125	-656	130	514	-220	126	161	-630	130	602	-258	125	296	-734
130	465	-240	130	236	-659	130	515	-215	128	257	-708	130	603	-247	130	212	-686
130	466	-231	125	244	-650	130	516	-224	137	181	-749	130	604	-248	130	281	-677
130	467	-229	130	225	-686	130	517	-240	143	156	-843	130	605	-234	124	164	-676
130	468	-228	134	201	-792	130	518	-241	133	127	-764	130	606	-234	126	194	-710
130	469	-239	133	281	-739	130	519	-246	137	230	-717	130	607	-248	120	118	-661
130	470	-254	148	230	-797	130	520	-259	139	252	-784	130	608	-215	117	149	-660
130	471	-270	155	158	-963	130	521	-256	157	231	-882	130	609	-208	120	222	-600
130	472	-268	155	213	-843	130	522	-267	149	203	-903	130	610	-203	107	158	-583
130	473	-277	161	239	-965	130	523	-252	154	243	-935	130	611	-203	121	297	-641

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	612	-192	130	267	-663	130	904	-235	124	241	-634	140	115	-284	121	125	-731
130	613	-202	116	150	-601	130	905	-211	123	183	-670	140	116	-272	122	153	-767
130	614	-212	122	232	-737	130	906	-233	125	190	-803	140	117	-029	133	469	-551
130	615	-204	126	211	-659	130	907	-302	134	159	-910	140	118	-012	105	380	-440
130	616	-196	116	247	-607	130	908	-298	134	178	-746	140	119	-006	115	462	-409
130	617	-204	116	252	-611	130	909	-231	161	187	-850	140	120	-025	120	369	-514
130	618	-191	117	201	-613	130	910	-467	154	015	-1063	140	121	-047	117	391	-445
130	619	-208	114	220	-593	130	911	-294	126	116	-750	140	122	-082	112	330	-522
130	620	-210	120	165	-705	130	912	-225	128	178	-643	140	123	-123	106	172	-518
130	621	-200	131	272	-818	130	913	-261	115	064	-814	140	124	-171	104	226	-536
130	622	-180	118	201	-565	130	914	-213	123	218	-618	140	125	-258	118	069	-668
130	623	-182	113	229	-607	130	915	-208	123	187	-661	140	126	-219	112	119	-589
130	624	-200	117	206	-563	130	916	-354	134	067	-855	140	127	-221	108	186	-585
130	625	-208	113	178	-563	130	917	-181	148	315	-804	140	128	-230	113	169	-693
130	626	-193	123	239	-617	130	918	-434	174	114	-1049	140	129	-206	113	185	-593
130	627	-167	118	180	-591	130	919	-311	130	073	-907	140	130	-211	113	160	-624
130	628	-162	121	230	-623	130	920	-222	156	240	-664	140	131	-215	112	180	-589
130	629	-172	114	236	-514	130	921	-153	108	248	-530	140	132	-206	114	203	-607
130	630	-196	108	220	-543	130	922	-225	121	137	-620	140	133	-210	107	157	-568
130	631	-167	118	203	-604	130	923	-230	122	168	-661	140	134	-198	139	326	-601
130	632	-161	119	288	-550	130	924	-189	124	674	-256	140	135	-163	176	533	-848
130	633	-156	116	265	-626	130	925	-185	116	571	-193	140	136	-088	149	589	-552
130	634	-167	117	190	-563	130	926	-146	121	500	-270	140	137	-071	125	523	-352
130	635	-174	121	204	-546	130	927	-120	121	570	-267	140	138	-078	114	526	-275
130	636	-164	114	204	-545	130	928	-081	122	480	-373	140	139	-016	117	470	-404
130	637	-152	115	195	-555	130	929	-037	122	430	-354	140	140	-011	108	293	-455
130	638	-158	118	204	-572	130	930	-037	111	278	-426	140	141	-021	115	359	-468
130	639	-156	118	217	-600	130	931	-154	124	727	-189	140	142	-070	108	292	-410
130	640	-165	119	248	-546	130	932	-114	117	497	-386	140	143	-129	110	325	-445
130	641	-174	120	217	-746	130	933	-085	103	408	-293	140	144	-141	107	252	-481
130	642	-166	126	313	-701	130	934	-120	120	503	-246	140	145	-173	106	155	-605
130	643	-165	120	233	-539	130	935	-130	119	496	-330	140	146	-196	106	145	-604
130	644	-171	120	262	-613	130	936	-116	117	508	-289	140	147	-210	113	205	-694
130	645	-187	119	284	-672	130	937	-302	138	193	-829	140	148	-206	113	183	-634
130	646	-165	114	213	-531	130	938	-237	127	188	-656	140	149	-207	110	180	-562
130	647	-173	106	136	-544	130	939	-278	144	181	-789	140	150	-206	107	145	-588
130	648	-180	122	245	-661	140	101	-005	148	470	-622	140	151	-207	104	203	-624
130	649	-173	119	247	-571	140	102	-008	119	400	-408	140	152	-023	160	529	-500
130	650	-173	116	263	-535	140	103	-048	121	369	-426	140	153	-037	149	425	-535
130	651	-167	124	255	-583	140	104	-181	132	221	-577	140	154	-083	152	447	-448
130	801	-089	116	587	-358	140	105	-427	159	062	-1037	140	155	-092	112	530	-255
130	802	-271	151	152	-876	140	106	-285	136	188	-775	140	156	-056	108	443	-335
130	803	-232	130	187	-779	140	107	-252	114	155	-663	140	157	-019	106	382	-432
130	804	-191	120	196	-613	140	108	-204	140	281	-936	140	158	-025	109	321	-408
130	805	-184	118	204	-633	140	109	-141	130	352	-619	140	159	-045	111	324	-491
130	806	-209	143	346	-720	140	110	-183	116	182	-534	140	160	-122	106	271	-515
130	807	-184	117	223	-550	140	111	-255	116	095	-671	140	161	-156	108	183	-554
130	901	-149	151	456	-723	140	112	-267	133	169	-794	140	162	-197	112	248	-563
130	902	-177	129	257	-760	140	113	-242	114	105	-710	140	163	-215	109	149	-573
130	903	-266	128	211	-759	140	114	-167	146	419	-651	140	164	-207	106	174	-569

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	163	203	116	180	588	140	215	216	127	224	847	140	265	102	111	291	463
140	166	209	111	137	578	140	216	096	153	326	493	140	266	105	116	261	555
140	167	214	110	161	614	140	217	116	139	579	708	140	267	123	122	343	540
140	168	007	176	555	604	140	218	178	108	513	160	140	268	148	132	332	589
140	169	044	181	537	659	140	219	125	106	598	305	140	269	139	141	317	746
140	170	114	169	575	674	140	220	107	107	469	289	140	301	241	181	845	402
140	171	106	117	476	389	140	221	071	109	416	278	140	302	263	172	823	355
140	172	092	107	446	242	140	222	003	110	420	428	140	303	252	160	775	241
140	173	040	105	434	399	140	223	017	106	314	434	140	304	182	185	542	813
140	174	006	105	296	390	140	224	126	114	270	536	140	305	002	202	612	675
140	175	028	108	325	367	140	225	174	121	255	575	140	306	099	183	489	777
140	176	117	110	290	597	140	226	238	131	123	659	140	307	023	187	637	601
140	177	153	104	185	546	140	227	243	139	142	949	140	308	052	179	604	649
140	178	200	117	184	544	140	228	244	143	202	835	140	309	072	187	558	721
140	179	201	113	175	604	140	229	242	132	211	805	140	310	183	191	821	691
140	180	204	117	171	700	140	230	216	118	139	626	140	311	248	191	947	472
140	181	205	116	168	602	140	231	227	115	192	698	140	312	214	172	821	504
140	182	220	121	151	688	140	232	161	116	618	344	140	313	200	140	292	699
140	183	221	122	165	746	140	233	174	122	569	254	140	314	244	185	627	881
140	184	059	162	606	677	140	234	198	119	632	172	140	315	221	165	840	346
140	185	039	180	536	672	140	235	167	116	625	195	140	316	235	154	792	296
140	186	151	135	581	435	140	236	123	118	469	276	140	317	191	157	844	242
140	187	124	117	527	397	140	237	078	103	386	299	140	318	159	139	696	272
140	188	097	111	494	296	140	238	008	107	366	351	140	319	129	145	628	322
140	189	053	110	507	310	140	239	037	107	321	391	140	320	200	178	756	306
140	190	005	111	404	432	140	240	135	110	260	532	140	321	304	156	859	162
140	191	023	101	276	403	140	241	198	123	227	553	140	322	315	139	816	122
140	192	110	108	239	450	140	242	287	133	187	856	140	323	250	141	746	158
140	193	154	110	235	518	140	243	270	128	135	722	140	324	182	139	608	231
140	194	186	116	233	597	140	244	224	116	174	629	140	325	156	169	792	235
140	195	191	115	209	559	140	245	206	120	191	609	140	326	260	157	879	167
140	196	192	114	181	659	140	246	175	117	242	622	140	327	329	144	970	068
140	197	201	112	187	794	140	247	159	116	217	527	140	328	267	132	765	132
140	198	206	115	217	639	140	248	044	133	479	425	140	329	195	132	620	201
140	199	230	129	132	893	140	249	033	126	377	419	140	330	101	157	766	545
140	200	074	165	587	591	140	250	081	120	367	478	140	331	213	152	826	244
140	201	108	148	539	569	140	251	086	118	390	492	140	332	285	127	709	130
140	202	152	118	528	681	140	252	114	123	288	478	140	333	260	122	726	135
140	203	126	109	518	314	140	253	006	118	343	376	140	334	194	122	559	272
140	204	104	106	410	249	140	254	038	110	432	371	140	335	081	149	846	371
140	205	061	111	390	342	140	255	018	112	349	368	140	336	200	144	806	194
140	206	000	107	360	352	140	256	033	119	329	483	140	337	264	121	690	081
140	207	016	110	346	404	140	257	157	120	293	580	140	338	256	124	783	192
140	208	106	110	273	441	140	258	129	108	221	498	140	339	207	130	695	267
140	209	159	109	251	470	140	259	128	114	236	530	140	340	040	132	547	425
140	210	195	114	211	625	140	260	028	117	390	555	140	341	131	137	606	262
140	211	202	127	198	678	140	261	038	117	405	362	140	342	220	127	672	157
140	212	204	120	141	651	140	262	035	122	539	430	140	343	209	113	673	164
140	213	215	115	125	711	140	263	014	115	406	302	140	344	207	120	629	185
140	214	226	125	211	755	140	264	025	120	429	542	140	345	072	131	586	444

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	346	.032	.131	.623	-.421	140	425	-.195	.142	.261	-.779	140	475	-.339	.188	.293	-1.150
140	347	.099	.115	.582	-.285	140	426	-.276	.171	.319	-1.143	140	476	-.365	.182	.283	-1.137
140	348	.131	.115	.555	-.248	140	427	-.191	.126	.233	-.716	140	477	-.222	.142	.233	-.751
140	349	.145	.122	.587	-.241	140	428	-.188	.119	.211	-.590	140	478	-.216	.128	.151	-.686
140	350	.153	.125	.507	-.290	140	429	-.184	.116	.292	-.609	140	479	-.193	.121	.222	-.595
140	351	.170	.117	.578	-.164	140	430	-.194	.120	.187	-.726	140	480	-.205	.128	.205	-.585
140	352	.139	.125	.552	-.247	140	431	-.198	.132	.242	-.681	140	481	-.228	.125	.205	-.711
140	353	.132	.121	.571	-.248	140	432	-.209	.122	.146	-.759	140	482	-.234	.138	.341	-.763
140	354	.113	.117	.550	-.236	140	433	-.213	.126	.207	-.636	140	483	-.237	.141	.193	-.808
140	355	.113	.133	.280	-.588	140	434	-.219	.131	.164	-.694	140	484	-.232	.140	.184	-.797
140	356	.064	.130	.401	-.470	140	435	-.248	.127	.132	-.724	140	485	-.229	.145	.271	-.810
140	357	.016	.120	.432	-.402	140	436	-.260	.145	.172	-.778	140	486	-.259	.153	.218	-.838
140	358	.093	.118	.541	-.264	140	437	-.280	.139	.153	-.852	140	487	-.240	.154	.190	-.833
140	359	.104	.118	.472	-.285	140	438	-.303	.145	.126	-.880	140	488	-.261	.168	.338	-.984
140	360	.116	.120	.489	-.264	140	439	-.200	.128	.234	-.714	140	489	-.267	.183	.256	-1.111
140	361	.108	.122	.478	-.328	140	440	-.183	.138	.257	-.694	140	490	-.327	.205	.231	-1.270
140	362	.083	.126	.585	-.359	140	441	-.171	.153	.308	-.807	140	491	-.385	.195	.293	-1.293
140	363	.104	.146	.412	-.575	140	442	-.216	.179	.240	-1.061	140	492	-.340	.173	.258	-.949
140	364	.138	.139	.692	-.434	140	443	-.254	.202	.318	-.966	140	493	-.209	.141	.206	-.839
140	365	.155	.116	.614	-.285	140	444	-.393	.226	.322	-1.214	140	494	-.195	.129	.179	-.635
140	366	.151	.122	.597	-.349	140	445	-.189	.116	.188	-.569	140	495	-.180	.127	.215	-.588
140	367	.134	.122	.630	-.274	140	446	-.190	.090	.075	-.482	140	496	-.199	.124	.275	-.636
140	368	.127	.127	.565	-.308	140	447	-.187	.114	.113	-.645	140	497	-.211	.123	.233	-.620
140	369	.137	.123	.541	-.287	140	448	-.193	.115	.168	-.569	140	498	-.221	.142	.192	-.703
140	370	.105	.115	.498	-.345	140	449	-.215	.127	.212	-.656	140	499	-.208	.146	.238	-.784
140	371	.077	.114	.467	-.340	140	450	-.216	.128	.246	-.677	140	500	-.218	.134	.206	-.703
140	401	-.242	.133	.195	-.756	140	451	-.234	.129	.171	-.622	140	501	-.230	.150	.240	-.890
140	402	-.260	.125	.181	-.702	140	452	-.255	.139	.206	-.828	140	502	-.246	.154	.303	-1.047
140	403	-.292	.124	.197	-.702	140	453	-.254	.141	.233	-.891	140	503	-.252	.155	.263	-.995
140	404	-.362	.133	.072	-.827	140	454	-.267	.135	.205	-.733	140	504	-.242	.149	.205	-.931
140	405	-.314	.156	.198	-.861	140	455	-.230	.131	.216	-.798	140	505	-.285	.177	.314	-1.003
140	406	-.349	.180	.212	-.917	140	456	-.205	.137	.208	-.760	140	506	-.309	.183	.222	-1.082
140	407	-.423	.144	.168	-.925	140	457	-.209	.173	.307	-1.072	140	507	-.361	.192	.190	-1.181
140	408	-.230	.112	.170	-.684	140	458	-.256	.214	.376	-1.169	140	508	-.347	.183	.215	-1.226
140	409	-.230	.118	.239	-.786	140	459	-.409	.215	.418	-1.224	140	509	-.201	.133	.187	-.766
140	410	-.288	.147	.168	-1.052	140	460	-.383	.199	.401	-1.125	140	510	-.186	.131	.309	-.633
140	411	-.350	.164	.143	-1.033	140	461	-.213	.123	.179	-.615	140	511	-.180	.123	.222	-.654
140	412	-.282	.127	.225	-.789	140	462	-.209	.124	.279	-.653	140	512	-.193	.115	.268	-.635
140	413	-.287	.189	.269	-.962	140	463	-.207	.123	.172	-.643	140	513	-.214	.125	.217	-.719
140	414	-.335	.203	.282	-1.055	140	464	-.209	.127	.242	-.715	140	514	-.221	.131	.187	-.660
140	415	-.206	.127	.170	-.652	140	465	-.226	.132	.193	-.723	140	515	-.219	.126	.272	-.705
140	416	-.204	.123	.261	-.723	140	466	-.221	.122	.222	-.631	140	516	-.214	.127	.186	-.651
140	417	-.208	.120	.225	-.593	140	467	-.231	.133	.179	-.746	140	517	-.221	.144	.240	-.873
140	418	-.208	.127	.185	-.684	140	468	-.240	.140	.190	-.822	140	518	-.242	.132	.219	-.772
140	419	-.227	.122	.163	-.618	140	469	-.251	.133	.233	-.791	140	519	-.244	.158	.224	-.860
140	420	-.222	.128	.168	-.676	140	470	-.267	.136	.145	-.786	140	520	-.257	.149	.219	-.863
140	421	-.270	.139	.214	-.779	140	471	-.239	.147	.246	-.946	140	521	-.257	.151	.186	-.864
140	422	-.292	.144	.187	-1.015	140	472	-.242	.158	.262	-.910	140	522	-.297	.173	.225	-1.041
140	423	-.227	.137	.283	-.863	140	473	-.261	.188	.252	-.943	140	523	-.300	.191	.225	-1.048
140	424	-.210	.133	.276	-.708	140	474	-.306	.217	.329	-1.138	140	524	-.294	.166	.163	-.966

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	525	-171	122	203	-530	140	613	-179	121	235	-593	140	905	-163	129	277	-574
140	526	-169	121	198	-582	140	614	-175	119	245	-644	140	906	-191	116	195	-564
140	527	-169	115	203	-549	140	615	-184	128	201	-624	140	907	-214	129	452	-737
140	528	-196	125	309	-629	140	616	-172	117	239	-526	140	908	-243	126	159	-693
140	529	-212	127	195	-736	140	617	-174	112	190	-560	140	909	-139	146	389	-611
140	530	-215	121	177	-655	140	618	-173	120	202	-585	140	910	-402	142	086	-951
140	531	-197	130	222	-664	140	619	-180	120	212	-654	140	911	-257	115	144	-678
140	532	-203	133	198	-750	140	620	-187	129	165	-755	140	912	-199	124	193	-607
140	533	-212	130	212	-765	140	621	-166	119	187	-533	140	913	-212	107	114	-589
140	534	-231	137	161	-828	140	622	-170	116	240	-584	140	914	-187	111	155	-591
140	535	-228	135	218	-645	140	623	-169	117	234	-566	140	915	-187	120	298	-570
140	536	-228	126	198	-645	140	624	-182	116	201	-535	140	916	-261	133	185	-773
140	537	-245	150	190	-779	140	625	-188	122	172	-593	140	917	-136	143	528	-521
140	538	-260	153	180	-924	140	626	-149	121	272	-574	140	918	-348	169	178	-1021
140	539	-283	176	256	-1120	140	627	-148	115	247	-532	140	919	-260	131	163	-650
140	540	-274	177	230	-1083	140	628	-150	110	244	-540	140	920	-141	156	348	-827
140	541	-203	121	165	-604	140	629	-173	118	168	-554	140	921	-141	113	255	-534
140	542	-223	141	291	-835	140	630	-177	115	317	-677	140	922	-194	118	196	-752
140	543	-228	131	158	-711	140	631	-148	114	227	-548	140	923	-201	120	217	-664
140	544	-217	132	191	-659	140	632	-142	109	204	-498	140	924	-191	129	688	-217
140	545	-221	126	221	-708	140	633	-131	120	255	-586	140	925	-156	124	550	-282
140	546	-234	146	293	-755	140	634	-151	111	255	-472	140	926	-143	130	692	-338
140	547	-274	154	239	-1017	140	635	-163	118	317	-505	140	927	-101	117	514	-221
140	548	-270	146	193	-947	140	636	-139	122	269	-576	140	928	-063	121	417	-471
140	549	-285	149	106	-950	140	637	-137	122	292	-530	140	929	-035	113	437	-326
140	550	-150	090	173	-435	140	638	-133	118	278	-590	140	930	-032	116	352	-472
140	551	-160	115	197	-548	140	639	-134	113	305	-534	140	931	-142	124	584	-262
140	552	-173	119	187	-590	140	640	-153	117	255	-540	140	932	-104	128	652	-307
140	553	-190	124	176	-671	140	641	-133	127	252	-609	140	933	-097	119	481	-288
140	554	-201	115	257	-617	140	642	-141	124	276	-626	140	934	-093	119	553	-347
140	555	-209	131	181	-623	140	643	-143	118	247	-595	140	935	-123	117	480	-298
140	556	-194	113	154	-559	140	644	-130	116	197	-483	140	936	-114	124	536	-262
140	557	-212	121	182	-780	140	645	-151	118	223	-683	140	937	-265	127	125	-753
140	558	-214	133	149	-797	140	646	-127	123	281	-551	140	938	-247	129	138	-758
140	559	-210	129	241	-768	140	647	-135	112	285	-520	140	939	-261	141	188	-848
140	560	-176	124	278	-532	140	648	-145	112	208	-514	150	101	-273	190	314	-823
140	561	-276	129	128	-741	140	649	-131	128	351	-595	150	102	-090	127	325	-537
140	562	-323	140	167	-848	140	650	-129	116	244	-584	150	103	-138	118	280	-576
140	601	-232	126	133	-719	140	651	-139	130	314	-755	150	104	-285	119	194	-666
140	602	-232	122	172	-643	140	801	-088	108	494	-233	150	105	-569	152	-1135	-1135
140	603	-253	130	193	-725	140	802	-280	150	199	-761	150	106	-353	130	057	-810
140	604	-218	122	229	-679	140	803	-238	131	230	-632	150	107	-336	131	093	-788
140	605	-219	120	214	-667	140	804	-187	131	237	-616	150	108	-299	144	161	-915
140	606	-230	118	152	-640	140	805	-138	115	298	-534	150	109	-155	121	241	-595
140	607	-241	129	149	-688	140	806	-145	128	315	-589	150	110	-257	119	253	-637
140	608	-196	125	221	-604	140	807	-147	130	284	-573	150	111	-353	119	027	-790
140	609	-200	134	285	-652	140	901	-160	148	618	-686	150	112	-393	152	152	-910
140	610	-209	135	248	-706	140	902	-155	131	245	-644	150	113	-329	126	081	-806
140	611	-184	115	191	-601	140	903	-232	131	213	-775	150	114	-171	153	315	-717
140	612	-171	123	261	-585	140	904	-226	119	213	-657	150	115	-376	133	087	-830

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	116	-.330	.126	.061	-.821	150	166	-.269	.119	.215	-.738	150	216	.059	.170	.560	-.900
150	117	-.107	.129	.323	-.623	150	167	-.275	.122	.116	-.702	150	217	.102	.169	.566	-.556
150	118	-.038	.128	.391	-.564	150	168	-.160	.155	.380	-.716	150	218	.191	.124	.638	-.330
150	119	-.024	.120	.355	-.502	150	169	-.147	.169	.383	-.855	150	219	.150	.125	.534	-.262
150	120	-.030	.124	.392	-.504	150	170	-.035	.218	.567	-.901	150	220	.122	.115	.525	-.244
150	121	-.069	.116	.336	-.428	150	171	-.074	.143	.563	-.413	150	221	.065	.116	.442	-.377
150	122	-.123	.118	.264	-.519	150	172	-.066	.113	.440	-.422	150	222	-.014	.118	.362	-.436
150	123	-.179	.109	.205	-.572	150	173	-.028	.122	.471	-.372	150	223	-.057	.121	.381	-.564
150	124	-.224	.118	.143	-.617	150	174	-.034	.114	.346	-.427	150	224	-.214	.129	.255	-.642
150	125	-.329	.123	.222	-.785	150	175	-.052	.117	.385	-.451	150	225	-.300	.132	.167	-.736
150	126	-.308	.118	.083	-.728	150	176	-.157	.120	.253	-.559	150	226	-.399	.147	.049	-.987
150	127	-.298	.117	.099	-.770	150	177	-.202	.119	.179	-.690	150	227	-.406	.155	.074	-.981
150	128	-.274	.125	.114	-.660	150	178	-.248	.124	.169	-.712	150	228	-.416	.146	.057	-1.004
150	129	-.267	.121	.146	-.641	150	179	-.246	.126	.220	-.628	150	229	-.366	.145	.065	-.815
150	130	-.276	.124	.178	-.673	150	180	-.248	.120	.157	-.699	150	230	-.314	.131	.142	-.776
150	131	-.284	.121	.145	-.691	150	181	-.259	.121	.116	-.635	150	231	-.286	.124	.125	-.731
150	132	-.267	.116	.205	-.684	150	182	-.272	.119	.124	-.735	150	232	-.169	.119	.622	-.222
150	133	-.274	.113	.157	-.658	150	183	-.268	.124	.116	-.751	150	233	-.202	.135	.682	-.369
150	134	-.328	.131	.053	-.793	150	184	-.084	.182	.468	-.814	150	234	-.264	.123	.661	-.168
150	135	-.341	.147	.140	-.961	150	185	-.091	.183	.420	-.811	150	235	-.230	.124	.667	-.152
150	136	-.009	.202	.560	-.747	150	186	-.041	.224	.583	-.786	150	236	-.162	.125	.531	-.264
150	137	-.045	.140	.506	-.562	150	187	-.107	.135	.533	-.534	150	237	-.094	.122	.503	-.315
150	138	-.071	.123	.517	-.590	150	188	-.084	.117	.448	-.281	150	238	-.003	.117	.354	-.363
150	139	-.001	.110	.360	-.441	150	189	-.054	.114	.418	-.301	150	239	-.056	.114	.365	-.511
150	140	-.049	.110	.321	-.432	150	190	-.029	.123	.369	-.463	150	240	-.187	.118	.232	-.586
150	141	-.037	.119	.397	-.462	150	191	-.048	.122	.283	-.460	150	241	-.324	.124	.054	-.772
150	142	-.116	.110	.277	-.442	150	192	-.153	.119	.180	-.537	150	242	-.513	.164	-.036	-1.317
150	143	-.180	.114	.206	-.529	150	193	-.206	.120	.202	-.696	150	243	-.401	.129	-.045	-.889
150	144	-.197	.118	.150	-.578	150	194	-.231	.120	.163	-.624	150	244	-.289	.124	.040	-.722
150	145	-.229	.120	.146	-.624	150	195	-.244	.117	.143	-.682	150	245	-.228	.126	.148	-.796
150	146	-.240	.120	.195	-.604	150	196	-.254	.129	.182	-.698	150	246	-.174	.121	.230	-.604
150	147	-.255	.116	.190	-.684	150	197	-.257	.123	.097	-.792	150	247	-.158	.129	.243	-.676
150	148	-.251	.119	.173	-.641	150	198	-.273	.127	.077	-.822	150	248	-.007	.128	.351	-.420
150	149	-.263	.109	.086	-.610	150	199	-.276	.130	.154	-.737	150	249	-.000	.119	.374	-.408
150	150	-.267	.117	.155	-.686	150	200	-.075	.197	.591	-.896	150	250	-.088	.137	.345	-.576
150	151	-.263	.106	.101	-.639	150	201	-.004	.188	.567	-.721	150	251	-.106	.133	.338	-.589
150	152	-.170	.131	.246	-.736	150	202	-.166	.156	.628	-.542	150	252	-.136	.116	.222	-.538
150	153	-.157	.121	.230	-.505	150	203	-.133	.119	.566	-.248	150	253	-.030	.124	.489	-.424
150	154	-.104	.187	.417	-.681	150	204	-.103	.116	.529	-.313	150	254	-.064	.110	.433	-.341
150	155	-.047	.130	.377	-.482	150	205	-.058	.119	.511	-.287	150	255	-.016	.114	.354	-.443
150	156	-.042	.118	.470	-.380	150	206	-.026	.118	.346	-.394	150	256	-.044	.126	.332	-.478
150	157	-.002	.117	.382	-.391	150	207	-.055	.124	.368	-.474	150	257	-.190	.120	.352	-.625
150	158	-.055	.113	.420	-.495	150	208	-.171	.121	.247	-.663	150	258	-.136	.111	.322	-.522
150	159	-.072	.116	.369	-.447	150	209	-.239	.133	.182	-.728	150	259	-.112	.133	.333	-.565
150	160	-.175	.116	.226	-.553	150	210	-.284	.137	.216	-.830	150	260	-.045	.122	.576	-.330
150	161	-.213	.120	.231	-.613	150	211	-.295	.127	.123	-.717	150	261	-.057	.114	.473	-.400
150	162	-.247	.117	.136	-.622	150	212	-.294	.132	.145	-.796	150	262	-.026	.113	.459	-.346
150	163	-.232	.122	.125	-.598	150	213	-.309	.132	.165	-.683	150	263	-.007	.110	.410	-.381
150	164	-.265	.114	.171	-.643	150	214	-.306	.138	.120	-.759	150	264	-.057	.121	.341	-.587
150	165	-.268	.114	.163	-.657	150	215	-.317	.144	.125	-.857	150	265	-.136	.118	.224	-.517

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	266	- .112	.116	.289	-.533	150	347	.092	.149	.611	-.392	150	426	-.247	.244	.432	-1.017
150	267	-.122	.118	.279	-.531	150	348	.144	.134	.600	-.316	150	427	-.254	.137	.193	-.666
150	268	-.110	.116	.308	-.584	150	349	.153	.128	.724	-.238	150	428	-.259	.132	.228	-.689
150	269	-.103	.129	.410	-.589	150	350	.188	.143	.760	-.230	150	429	-.269	.123	.175	-.707
150	301	.405	.152	.888	-.091	150	351	.221	.141	.782	-.286	150	430	-.282	.125	.089	-.710
150	302	.457	.158	1.092	-.138	150	352	.180	.133	.789	-.327	150	431	-.307	.136	.143	-.829
150	303	.318	.155	.927	-.225	150	353	.182	.131	.660	-.209	150	432	-.342	.132	.085	-.789
150	304	-.107	.207	.656	-.863	150	354	.176	.123	.654	-.240	150	433	-.405	.142	.046	-.903
150	305	.169	.184	.773	-.355	150	355	-.245	.148	.351	-.721	150	434	-.402	.143	.086	-.921
150	306	.033	.152	.622	-.512	150	356	-.169	.157	.621	-.797	150	435	-.403	.154	.045	-1.023
150	307	.015	.268	1.078	-.619	150	357	-.041	.136	.597	-.462	150	436	-.433	.163	.039	-1.031
150	308	-.141	.186	.798	-.677	150	358	.091	.121	.557	-.286	150	437	-.436	.146	.080	-.991
150	309	.033	.198	.651	-.517	150	359	.116	.136	.554	-.352	150	438	-.457	.159	.007	-1.240
150	310	.084	.316	.906	-.730	150	360	.146	.130	.671	-.269	150	439	-.257	.125	.158	-.692
150	311	.237	.317	.976	-.737	150	361	.148	.120	.546	-.328	150	440	-.187	.119	.190	-.586
150	312	.317	.238	1.008	-.671	150	362	.118	.125	.621	-.306	150	441	-.117	.129	.259	-.681
150	313	-.241	.131	.289	-.692	150	363	-.187	.186	.435	-.800	150	442	-.067	.127	.294	-.537
150	314	-.345	.177	.327	-1.017	150	364	.185	.159	.930	-.272	150	443	-.180	.221	.433	-.944
150	315	.395	.170	1.012	-.131	150	365	.192	.128	.665	-.198	150	444	-.379	.290	.598	-1.607
150	316	.347	.160	.867	-.149	150	366	.179	.123	.621	-.241	150	445	-.256	.128	.198	-.666
150	317	.275	.143	.831	-.233	150	367	.178	.119	.597	-.172	150	446	-.256	.094	.010	-.516
150	318	.206	.145	.738	-.235	150	368	.159	.118	.666	-.312	150	447	-.250	.119	.170	-.632
150	319	.168	.134	.679	-.347	150	369	.180	.127	.599	-.304	150	448	-.280	.125	.152	-.762
150	320	.447	.184	1.059	-.063	150	370	.156	.116	.510	-.232	150	449	-.364	.140	.138	-1.087
150	321	.487	.156	.967	-.035	150	371	.118	.120	.551	-.277	150	450	-.404	.143	.041	-.907
150	322	.432	.151	.908	-.189	150	401	-.376	.136	.065	-.853	150	451	-.440	.143	.066	-.976
150	323	.266	.136	.743	-.220	150	402	-.454	.143	.054	-.943	150	452	-.444	.150	.013	-1.010
150	324	.163	.128	.580	-.262	150	403	-.611	.142	-.191	-1.132	150	453	-.412	.135	.002	-.823
150	325	.338	.189	.962	-.333	150	404	-.574	.144	-.143	-1.051	150	454	-.443	.142	.055	-1.015
150	326	.478	.160	.995	-.039	150	405	-.376	.134	.057	-.868	150	455	-.310	.122	.116	-.681
150	327	.436	.138	.934	-.030	150	406	-.297	.204	.215	-1.066	150	456	-.215	.120	.155	-.681
150	328	.303	.136	.777	-.141	150	407	-.440	.174	.263	-.940	150	457	-.109	.133	.489	-.607
150	329	.179	.141	.726	-.250	150	408	-.310	.117	.063	-.811	150	458	-.064	.218	.530	-1.089
150	330	.275	.179	.860	-.259	150	409	-.344	.128	.095	-.701	150	459	-.349	.318	.491	-1.423
150	331	.420	.165	.985	-.054	150	410	-.534	.163	.074	-1.081	150	460	-.396	.260	.484	-1.254
150	332	.412	.130	.875	-.014	150	411	-.668	.162	.161	-1.272	150	461	-.278	.137	.117	-.753
150	333	.302	.135	.849	-.065	150	412	-.464	.135	.066	-1.023	150	462	-.284	.140	.233	-.932
150	334	.213	.136	.635	-.259	150	413	-.291	.164	.167	-.997	150	463	-.285	.133	.208	-.767
150	335	.164	.164	.851	-.324	150	414	-.324	.189	.355	-1.060	150	464	-.328	.132	.161	-.826
150	336	.319	.152	.834	-.247	150	415	-.297	.133	.135	-.800	150	465	-.376	.134	.053	-.893
150	337	.371	.137	.911	-.054	150	416	-.297	.137	.208	-.776	150	466	-.405	.147	.074	-1.003
150	338	.306	.120	.720	-.107	150	417	-.318	.131	.182	-.790	150	467	-.418	.140	.069	-.981
150	339	.240	.133	.671	-.171	150	418	-.349	.131	.122	-.829	150	468	-.403	.149	.053	-.942
150	340	.047	.149	.595	-.453	150	419	-.446	.150	.020	-.959	150	469	-.382	.144	.091	-.895
150	341	.184	.152	.706	-.355	150	420	-.438	.168	.113	-1.068	150	470	-.405	.152	.028	-.968
150	342	.299	.141	.766	-.330	150	421	-.515	.180	.030	-1.369	150	471	-.318	.133	.149	-.881
150	343	.265	.138	.789	-.136	150	422	-.550	.181	-.042	-1.212	150	472	-.252	.151	.153	-.956
150	344	.240	.125	.701	-.171	150	423	-.362	.139	.179	-.781	150	473	-.145	.167	.355	-.887
150	345	-.143	.164	.564	-.695	150	424	-.293	.148	.140	-.738	150	474	-.223	.308	.548	-1.387
150	346	-.039	.163	.583	-.675	150	425	-.230	.159	.317	-.735	150	475	-.457	.315	.600	-1.432

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	476	- .466	.277	.464	-1 .837	150	526	- .199	.132	.254	- .633	150	614	- .251	.135	.221	- .693
150	477	- .311	.155	.222	- .993	150	527	- .217	.139	.262	- .647	150	615	- .243	.122	.121	- .703
150	478	- .296	.144	.152	- .970	150	528	- .244	.126	.165	- .758	150	616	- .257	.119	.096	- .650
150	479	- .298	.147	.202	- .843	150	529	- .309	.131	.115	- .726	150	617	- .252	.131	.182	- .806
150	480	- .315	.148	.158	- .839	150	530	- .344	.126	.038	- .862	150	618	- .253	.136	.245	- .723
150	481	- .336	.152	.188	- .934	150	531	- .352	.132	.111	- .857	150	619	- .265	.136	.211	- .850
150	482	- .415	.157	.170	-1 .085	150	532	- .355	.139	.089	- .985	150	620	- .262	.135	.209	- .784
150	483	- .429	.151	.047	-1 .090	150	533	- .382	.150	.088	-1 .070	150	621	- .233	.118	.174	- .680
150	484	- .413	.146	.010	-1 .462	150	534	- .405	.141	.023	- .967	150	622	- .239	.119	.173	- .612
150	485	- .414	.144	.049	- .912	150	535	- .406	.141	.041	- .931	150	623	- .234	.122	.214	- .707
150	486	- .423	.136	.008	- .906	150	536	- .397	.151	.139	-1 .028	150	624	- .250	.126	.227	- .690
150	487	- .343	.135	.139	- .893	150	537	- .444	.169	.132	-1 .050	150	625	- .256	.126	.237	- .725
150	488	- .272	.143	.160	- .901	150	538	- .514	.187	.137	-1 .281	150	626	- .222	.116	.135	- .702
150	489	- .221	.217	.245	-1 .276	150	539	- .559	.194	.007	-1 .431	150	627	- .213	.115	.152	- .615
150	490	- .317	.341	.442	-1 .676	150	540	- .541	.187	.001	-1 .250	150	628	- .225	.115	.147	- .658
150	491	- .619	.264	.342	-1 .417	150	541	- .378	.138	.032	- .859	150	629	- .256	.120	.141	- .705
150	492	- .619	.241	.392	-1 .410	150	542	- .386	.134	.066	- .837	150	630	- .249	.123	.187	- .907
150	493	- .296	.152	.211	- .875	150	543	- .403	.140	.001	- .872	150	631	- .233	.135	.181	- .653
150	494	- .279	.143	.261	- .925	150	544	- .390	.143	.066	- .864	150	632	- .218	.129	.230	- .738
150	495	- .278	.149	.274	-1 .004	150	545	- .381	.146	.219	- .959	150	633	- .218	.122	.237	- .727
150	496	- .313	.148	.285	- .814	150	546	- .421	.156	.129	-1 .036	150	634	- .238	.128	.214	- .731
150	497	- .365	.151	.267	-1 .034	150	547	- .452	.174	.121	-1 .107	150	635	- .259	.133	.213	- .750
150	498	- .410	.151	.131	-1 .007	150	548	- .493	.166	.008	-1 .179	150	636	- .230	.129	.146	- .933
150	499	- .431	.147	.046	- .939	150	549	- .524	.155	.024	-1 .141	150	637	- .214	.126	.214	- .705
150	500	- .444	.171	.114	-1 .326	150	550	- .142	.093	.118	- .437	150	638	- .205	.116	.175	- .582
150	501	- .436	.147	.061	- .934	150	551	- .164	.114	.213	- .550	150	639	- .217	.125	.291	- .646
150	502	- .444	.147	.149	-1 .008	150	552	- .168	.120	.248	- .580	150	640	- .232	.122	.211	- .631
150	503	- .396	.157	.122	-1 .033	150	553	- .214	.129	.194	- .688	150	641	- .151	.135	.268	- .577
150	504	- .354	.167	.183	-1 .176	150	554	- .248	.127	.165	- .767	150	642	- .146	.132	.228	- .866
150	505	- .376	.237	.208	-1 .261	150	555	- .281	.133	.138	- .780	150	643	- .152	.115	.243	- .571
150	506	- .494	.294	.282	-1 .447	150	556	- .311	.116	.061	- .748	150	644	- .178	.118	.236	- .774
150	507	- .718	.230	.245	-1 .437	150	557	- .350	.133	.169	- .868	150	645	- .176	.120	.245	- .600
150	508	- .705	.198	.132	-1 .450	150	558	- .355	.124	.203	- .786	150	646	- .134	.150	.296	- .772
150	509	- .265	.139	.287	- .678	150	559	- .361	.134	.080	- .832	150	647	- .156	.114	.232	- .562
150	510	- .256	.130	.210	- .655	150	560	- .304	.129	.308	- .822	150	648	- .172	.122	.214	- .595
150	511	- .268	.130	.222	- .684	150	561	- .464	.153	.035	-1 .021	150	649	- .118	.118	.276	- .554
150	512	- .292	.138	.353	- .783	150	562	- .589	.180	.013	-1 .320	150	650	- .141	.124	.233	- .753
150	513	- .351	.142	.188	- .934	150	601	- .323	.120	.102	- .753	150	651	- .150	.124	.255	- .563
150	514	- .371	.147	.237	-1 .053	150	602	- .330	.118	.031	- .768	150	801	- .080	.127	.581	- .367
150	515	- .424	.155	.185	-1 .005	150	603	- .333	.120	.116	- .854	150	802	- .533	.163	.013	-1 .094
150	516	- .432	.174	.177	-1 .267	150	604	- .304	.119	.138	- .710	150	803	- .374	.142	.082	- .810
150	517	- .463	.164	.103	-1 .061	150	605	- .286	.126	.127	- .816	150	804	- .308	.134	.134	- .836
150	518	- .455	.170	.048	-1 .283	150	606	- .305	.126	.153	- .694	150	805	- .111	.120	.335	- .466
150	519	- .441	.161	.068	-1 .093	150	607	- .314	.118	.108	- .737	150	806	- .117	.124	.292	- .599
150	520	- .428	.165	.237	- .962	150	608	- .277	.123	.091	- .767	150	807	- .115	.118	.262	- .534
150	521	- .492	.198	.078	-1 .297	150	609	- .281	.122	.143	- .773	150	901	- .319	.138	.119	- .794
150	522	- .606	.201	.041	-1 .363	150	610	- .281	.128	.146	- .696	150	902	- .226	.118	.185	- .599
150	523	- .646	.196	.034	-1 .454	150	611	- .242	.120	.170	- .713	150	903	- .329	.133	.092	- .850
150	524	- .632	.182	.085	-1 .338	150	612	- .241	.121	.218	- .729	150	904	- .328	.122	.132	- .819
150	525	- .199	.133	.205	- .757	150	613	- .247	.123	.206	- .665	150	905	- .149	.132	.295	- .624

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	906	- .250	.133	.214	- .741	160	117	- .180	.166	.322	- .761	160	167	- .197	.112	.204	- .636
150	907	- .266	.136	.196	- .715	160	118	- .137	.158	.301	- .714	160	168	- .276	.137	.164	- .735
150	908	- .295	.123	.103	- .738	160	119	- .062	.140	.368	- .569	160	169	- .274	.135	.164	- .748
150	909	- .079	.127	.349	- .580	160	120	- .057	.126	.374	- .501	160	170	- .257	.161	.455	- .775
150	910	- .472	.145	- .032	-1.083	160	121	- .076	.116	.315	- .426	160	171	- .122	.186	.453	- .808
150	911	- .350	.127	.046	- .900	160	122	- .097	.109	.219	- .417	160	172	- .013	.146	.458	- .781
150	912	- .250	.119	.118	- .650	160	123	- .132	.112	.234	- .533	160	173	- .008	.118	.394	- .395
150	913	- .278	.117	.083	- .708	160	124	- .181	.113	.200	- .572	160	174	- .036	.120	.377	- .422
150	914	- .233	.129	.161	- .660	160	125	- .263	.128	.151	- .738	160	175	- .032	.117	.393	- .395
150	915	- .251	.118	.146	- .632	160	126	- .246	.122	.147	- .692	160	176	- .125	.115	.258	- .559
150	916	- .304	.127	.104	- .800	160	127	- .233	.119	.159	- .792	160	177	- .154	.115	.266	- .579
150	917	- .232	.142	.206	- .808	160	128	- .231	.118	.157	- .784	160	178	- .185	.115	.197	- .555
150	918	- .356	.170	.203	-1.040	160	129	- .225	.115	.142	- .625	160	179	- .184	.127	.205	- .656
150	919	- .290	.138	.156	- .782	160	130	- .213	.117	.186	- .602	160	180	- .189	.122	.204	- .636
150	920	- .062	.130	.439	- .585	160	131	- .230	.109	.122	- .578	160	181	- .189	.120	.210	- .595
150	921	- .182	.113	.143	- .608	160	132	- .213	.117	.205	- .671	160	182	- .192	.113	.259	- .551
150	922	- .222	.135	.207	- .689	160	133	- .207	.119	.171	- .544	160	183	- .194	.118	.226	- .748
150	923	- .283	.122	.093	- .701	160	134	- .339	.144	.187	- .932	160	184	- .286	.158	.199	- .875
150	924	- .269	.143	.922	- .176	160	135	- .302	.132	.173	- .719	160	185	- .281	.163	.277	- .835
150	925	- .228	.118	.684	- .190	160	136	- .250	.151	.319	- .861	160	186	- .238	.209	.461	- .891
150	926	- .170	.120	.650	- .218	160	137	- .133	.151	.375	- .614	160	187	- .078	.195	.517	- .843
150	927	- .125	.113	.577	- .289	160	138	- .056	.147	.398	- .569	160	188	- .016	.130	.410	- .536
150	928	- .065	.120	.413	- .444	160	139	- .045	.123	.451	- .547	160	189	- .021	.122	.436	- .370
150	929	- .031	.116	.456	- .332	160	140	- .057	.115	.327	- .516	160	190	- .022	.118	.428	- .357
150	930	- .057	.119	.383	- .495	160	141	- .039	.119	.386	- .496	160	191	- .027	.120	.399	- .473
150	931	- .188	.121	.565	- .190	160	142	- .103	.112	.275	- .493	160	192	- .124	.106	.182	- .498
150	932	- .133	.113	.605	- .280	160	143	- .134	.116	.302	- .507	160	193	- .150	.115	.202	- .562
150	933	- .121	.121	.518	- .351	160	144	- .148	.117	.300	- .519	160	194	- .163	.119	.225	- .581
150	934	- .132	.117	.507	- .292	160	145	- .174	.121	.280	- .585	160	195	- .170	.114	.164	- .598
150	935	- .164	.124	.586	- .229	160	146	- .190	.105	.144	- .566	160	196	- .173	.117	.204	- .595
150	936	- .148	.124	.580	- .267	160	147	- .194	.111	.177	- .597	160	197	- .179	.118	.232	- .624
150	937	- .301	.142	.166	- .806	160	148	- .189	.119	.176	- .574	160	198	- .185	.113	.143	- .535
150	938	- .326	.133	.131	- .810	160	149	- .194	.113	.171	- .639	160	199	- .182	.132	.259	- .675
150	939	- .336	.142	.100	- .868	160	150	- .184	.109	.169	- .576	160	200	- .269	.178	.334	-1.073
160	101	- .441	.159	.147	- .903	160	151	- .188	.113	.188	- .552	160	201	- .251	.206	.339	-1.030
160	102	- .214	.160	.232	- .742	160	152	- .274	.128	.085	- .828	160	202	- .069	.236	.499	- .979
160	103	- .134	.108	.232	- .549	160	153	- .279	.120	.107	- .692	160	203	- .040	.143	.565	- .619
160	104	- .214	.119	.208	- .602	160	154	- .283	.130	.105	- .800	160	204	- .059	.117	.419	- .342
160	105	- .397	.141	.067	- .908	160	155	- .149	.166	.345	- .756	160	205	- .034	.115	.416	- .389
160	106	- .229	.120	.120	- .673	160	156	- .024	.128	.420	- .476	160	206	- .020	.105	.311	- .342
160	107	- .263	.122	.115	- .642	160	157	- .030	.126	.452	- .432	160	207	- .030	.114	.346	- .439
160	108	- .469	.215	.134	-1.269	160	158	- .060	.120	.321	- .449	160	208	- .122	.114	.271	- .511
160	109	- .104	.117	.361	- .598	160	159	- .052	.117	.363	- .459	160	209	- .155	.118	.238	- .627
160	110	- .168	.116	.248	- .547	160	160	- .141	.106	.210	- .497	160	210	- .184	.122	.208	- .711
160	111	- .251	.126	.141	- .709	160	161	- .158	.115	.228	- .546	160	211	- .186	.118	.255	- .641
160	112	- .356	.139	.092	- .825	160	162	- .193	.112	.156	- .603	160	212	- .195	.126	.222	- .660
160	113	- .258	.117	.099	- .737	160	163	- .198	.118	.232	- .668	160	213	- .204	.119	.206	- .667
160	114	- .127	.129	.274	- .592	160	164	- .192	.116	.177	- .700	160	214	- .209	.124	.205	- .628
160	115	- .283	.124	.104	- .783	160	165	- .191	.116	.183	- .587	160	215	- .219	.124	.169	- .652
160	116	- .261	.124	.177	- .712	160	166	- .191	.122	.252	- .609	160	216	- .124	.191	.516	-1.062

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	217	-.095	.195	.466	-.863	160	267	-.073	.114	.403	-.461	160	348	.120	.137	.646	-.320
160	218	.111	.154	.587	-.699	160	268	-.073	.113	.340	-.450	160	349	.124	.152	.576	-.487
160	219	.098	.115	.466	-.263	160	269	-.067	.115	.360	-.464	160	350	.158	.140	.633	-.357
160	220	.078	.121	.480	-.309	160	301	.368	.161	.871	-.322	160	351	.142	.121	.644	-.226
160	221	.053	.114	.482	-.317	160	302	.338	.147	.777	-.137	160	352	.090	.115	.532	-.399
160	222	-.010	.120	.388	-.428	160	303	.158	.131	.653	-.309	160	353	.112	.117	.677	-.298
160	223	.033	.120	.354	-.469	160	304	.057	.172	.726	-.469	160	354	.114	.118	.569	-.254
160	224	-.160	.115	.205	-.541	160	305	.136	.140	.569	-.507	160	355	-.107	.148	.460	-.557
160	225	-.217	.127	.214	-.647	160	306	.047	.133	.510	-.431	160	356	-.067	.158	.499	-.599
160	226	.289	.122	.092	-.686	160	307	.359	.264	1.052	-.414	160	357	.005	.141	.531	-.446
160	227	.289	.128	.173	-.674	160	308	.116	.330	.959	-.638	160	358	.104	.144	.632	-.426
160	228	.300	.124	.192	-.661	160	309	.153	.242	.871	-.494	160	359	.075	.121	.438	-.418
160	229	.274	.120	.106	-.678	160	310	-.257	.176	.575	-.707	160	360	.094	.119	.503	-.261
160	230	.219	.123	.188	-.573	160	311	-.184	.189	.882	-.670	160	361	.104	.118	.506	-.253
160	231	.187	.124	.313	-.641	160	312	-.113	.233	.728	-.722	160	362	.096	.121	.562	-.261
160	232	.095	.136	.559	-.451	160	313	.043	.165	.504	-.547	160	363	-.030	.162	.545	-.542
160	233	.124	.133	.548	-.422	160	314	-.239	.151	.315	-.797	160	364	.206	.159	.868	-.259
160	234	.196	.128	.638	-.254	160	315	.430	.154	.914	-.098	160	365	.143	.134	.674	-.270
160	235	.151	.126	.610	-.229	160	316	.351	.144	.845	-.063	160	366	.150	.119	.553	-.256
160	236	.125	.120	.626	-.224	160	317	.244	.136	.705	-.164	160	367	.119	.114	.482	-.294
160	237	.078	.120	.483	-.339	160	318	.167	.135	.657	-.232	160	368	.111	.112	.477	-.258
160	238	.016	.103	.343	-.310	160	319	.097	.122	.512	-.322	160	369	.121	.111	.501	-.237
160	239	.007	.114	.369	-.414	160	320	.491	.155	.966	-.024	160	370	.103	.112	.449	-.286
160	240	.104	.121	.338	-.478	160	321	.491	.146	1.055	-.020	160	371	.110	.118	.512	-.313
160	241	.208	.117	.162	-.627	160	322	.347	.134	.888	-.092	160	401	-.250	.132	.166	-.705
160	242	.348	.128	.092	-.840	160	323	.167	.139	.642	-.396	160	402	-.309	.141	.178	-.847
160	243	.278	.123	.141	-.791	160	324	.057	.129	.480	-.393	160	403	-.536	.148	-.085	-.1092
160	244	.203	.112	.119	-.538	160	325	.489	.155	.978	-.055	160	404	-.549	.143	-.104	-.1117
160	245	.147	.128	.325	-.348	160	326	.488	.151	.975	-.065	160	405	-.241	.127	.254	-.642
160	246	.123	.120	.286	-.534	160	327	.370	.141	.836	-.071	160	406	-.068	.134	.394	-.529
160	247	.107	.123	.311	-.602	160	328	.170	.131	.612	-.259	160	407	-.083	.235	.683	-.770
160	248	.015	.123	.442	-.488	160	329	.035	.125	.467	-.378	160	408	-.219	.124	.247	-.594
160	249	.029	.127	.441	-.419	160	330	.437	.166	.939	-.242	160	409	-.260	.132	.161	-.748
160	250	.024	.124	.420	-.436	160	331	.446	.152	.896	-.025	160	410	-.486	.162	.076	-.1130
160	251	.022	.124	.413	-.465	160	332	.376	.128	.939	-.082	160	411	-.609	.164	-.024	-.1238
160	252	.064	.108	.299	-.479	160	333	.183	.134	.570	-.290	160	412	-.330	.125	.117	-.738
160	253	.057	.124	.481	-.461	160	334	.043	.134	.500	-.523	160	413	-.060	.137	.486	-.533
160	254	.062	.111	.416	-.290	160	335	.315	.168	.864	-.217	160	414	-.060	.187	.518	-.727
160	255	.020	.114	.383	-.397	160	336	.369	.160	.882	-.170	160	415	-.203	.109	.106	-.585
160	256	.019	.116	.333	-.425	160	337	.347	.139	.844	-.141	160	416	-.188	.113	.229	-.539
160	257	.121	.110	.248	-.540	160	338	.201	.134	.679	-.326	160	417	-.216	.114	.217	-.691
160	258	.091	.113	.296	-.492	160	339	.095	.138	.545	-.435	160	418	-.269	.136	.129	-.848
160	259	.077	.115	.324	-.560	160	340	.099	.153	.590	-.378	160	419	-.345	.148	.111	-.893
160	260	.079	.123	.517	-.563	160	341	.228	.152	.768	-.234	160	420	-.392	.144	.040	-.854
160	261	.066	.118	.495	-.318	160	342	.292	.147	.744	-.178	160	421	-.503	.157	.048	-.971
160	262	.045	.112	.439	-.321	160	343	.219	.127	.679	-.264	160	422	-.656	.184	.167	-.1399
160	263	.026	.118	.406	-.380	160	344	.149	.136	.662	-.276	160	423	-.356	.124	.033	-.905
160	264	.025	.108	.341	-.369	160	345	.051	.164	.604	-.585	160	424	-.235	.140	.206	-.805
160	265	.074	.114	.344	-.406	160	346	.008	.164	.620	-.572	160	425	-.180	.146	.269	-.733
160	266	.065	.105	.315	-.451	160	347	.072	.155	.581	-.420	160	426	-.073	.178	.445	-.744

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	427	-152	115	261	-514	160	477	-180	133	306	-690	160	527	-082	133	413	-524
160	428	-159	113	281	-599	160	478	-179	130	269	-691	160	528	-108	125	301	-526
160	429	-160	120	232	-641	160	479	-155	149	453	-676	160	529	-127	122	289	-595
160	430	-175	120	220	-550	160	480	-192	147	326	-677	160	530	-170	135	292	-604
160	431	-161	130	281	-573	160	481	-260	163	274	-874	160	531	-187	131	243	-699
160	432	-235	118	185	-650	160	482	-385	165	168	-1020	160	532	-222	145	284	-803
160	433	-290	131	155	-784	160	483	-470	152	130	-1054	160	533	-308	165	163	-1125
160	434	-337	136	088	-875	160	484	-490	138	-036	-953	160	534	-351	204	174	-1233
160	435	-479	158	004	-975	160	485	-467	137	075	-1089	160	535	-251	120	131	-678
160	436	-648	176	-102	-1300	160	486	-464	148	-002	-1069	160	536	-220	129	203	-642
160	437	-549	146	041	-1101	160	487	-317	118	069	-694	160	537	-233	140	229	-696
160	438	-741	195	082	-1454	160	488	-191	127	292	-609	160	538	-298	153	162	-860
160	439	-241	120	232	-479	160	489	-050	124	393	-419	160	539	-361	164	152	-1010
160	440	-115	123	279	-479	160	490	013	175	552	-871	160	540	-368	158	156	-1209
160	441	-018	131	422	-489	160	491	-035	324	675	-1091	160	541	-197	122	213	-530
160	442	-057	137	612	-380	160	492	-148	313	785	-1037	160	542	-205	121	278	-579
160	443	-107	160	558	-576	160	493	-172	126	292	-602	160	543	-229	127	197	-664
160	444	-057	224	751	-969	160	494	-165	133	232	-653	160	544	-208	128	182	-659
160	445	-155	105	232	-497	160	495	-131	140	402	-705	160	545	-200	138	271	-681
160	446	-162	084	094	-433	160	496	-162	145	385	-651	160	546	-213	136	284	-656
160	447	-130	097	167	-457	160	497	-218	171	350	-817	160	547	-251	154	230	-941
160	448	-170	109	229	-503	160	498	-365	188	349	-1195	160	548	-273	150	250	-825
160	449	-212	110	134	-588	160	499	-486	161	061	-1158	160	549	-315	140	108	-878
160	450	-269	132	119	-780	160	500	-501	149	053	-1194	160	550	-052	095	284	-392
160	451	-477	154	071	-1021	160	501	-493	135	-028	-923	160	551	-061	121	378	-440
160	452	-655	183	095	-1353	160	502	-470	139	019	-1021	160	552	-060	112	378	-436
160	453	-681	180	036	-1292	160	503	-345	125	067	-820	160	553	-063	119	392	-510
160	454	-676	191	-104	-1401	160	504	-260	123	114	-661	160	554	-074	121	373	-460
160	455	-378	126	004	-859	160	505	-131	145	390	-722	160	555	-098	118	336	-500
160	456	-198	120	351	-682	160	506	-105	209	381	-1126	160	556	-139	130	304	-568
160	457	-002	134	483	-476	160	507	-324	337	554	-1397	160	557	-154	125	255	-557
160	458	-112	143	636	-388	160	508	-338	285	595	-1119	160	558	-182	122	335	-571
160	459	-147	250	771	-718	160	509	-149	121	231	-647	160	559	-186	119	179	-563
160	460	-107	297	913	-925	160	510	-137	127	335	-592	160	560	-151	122	327	-534
160	461	-176	110	232	-608	160	511	-101	142	437	-612	160	561	-239	136	221	-741
160	462	-189	119	261	-597	160	512	-128	135	342	-694	160	562	-315	145	133	-779
160	463	-139	123	301	-558	160	513	-157	158	355	-953	160	601	-217	115	178	-588
160	464	-182	129	249	-612	160	514	-230	167	324	-949	160	602	-216	123	167	-599
160	465	-257	147	264	-949	160	515	-413	196	365	-1145	160	603	-240	122	255	-696
160	466	-393	148	140	-874	160	516	-502	193	085	-1345	160	604	-194	117	232	-543
160	467	-517	157	184	-1086	160	517	-542	184	056	-1275	160	605	-201	109	192	-520
160	468	-317	143	035	-1058	160	518	-520	171	100	-1436	160	606	-201	116	213	-550
160	469	-309	151	033	-1003	160	519	-375	138	182	-779	160	607	-216	108	176	-550
160	470	-514	147	055	-1018	160	520	-305	127	134	-820	160	608	-205	115	252	-607
160	471	-324	128	120	-699	160	521	-256	152	255	-838	160	609	-195	110	187	-571
160	472	-193	126	216	-679	160	522	-287	205	261	-970	160	610	-202	114	178	-573
160	473	-015	138	480	-440	160	523	-540	198	171	-1501	160	611	-180	111	203	-560
160	474	-088	159	604	-856	160	524	-551	166	027	-1321	160	612	-175	111	202	-546
160	475	-066	288	827	-904	160	525	-106	123	321	-584	160	613	-177	120	239	-617
160	476	-053	321	822	-1031	160	526	-101	120	296	-531	160	614	-178	110	191	-545

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	615	- .178	.112	.219	- .557	160	907	- .322	.146	.163	- .935	170	118	- .302	.165	.231	- .807
160	616	- .175	.104	.181	- .563	160	908	- .300	.133	.106	- .790	170	119	- .215	.162	.298	- .760
160	617	- .175	.120	.199	- .517	160	909	- .003	.114	.404	- .373	170	120	- .184	.152	.259	- .784
160	618	- .173	.116	.226	- .584	160	910	- .361	.133	.144	- .809	170	121	- .139	.123	.240	- .578
160	619	- .173	.119	.197	- .545	160	911	- .268	.122	.191	- .685	170	122	- .093	.120	.301	- .593
160	620	- .173	.111	.190	- .642	160	912	- .156	.115	.215	- .549	170	123	- .110	.109	.277	- .513
160	621	- .175	.116	.212	- .540	160	913	- .222	.115	.156	- .679	170	124	- .153	.117	.295	- .545
160	622	- .171	.102	.191	- .579	160	914	- .148	.122	.235	- .552	170	125	- .214	.115	.203	- .625
160	623	- .179	.116	.233	- .577	160	915	- .142	.116	.306	- .499	170	126	- .201	.117	.193	- .646
160	624	- .178	.120	.227	- .553	160	916	- .349	.142	.177	- .902	170	127	- .210	.120	.243	- .637
160	625	- .184	.121	.202	- .673	160	917	- .091	.212	.719	- .623	170	128	- .190	.118	.310	- .628
160	626	- .172	.115	.208	- .577	160	918	- .142	.147	.370	- .683	170	129	- .175	.116	.210	- .545
160	627	- .171	.112	.203	- .530	160	919	- .185	.126	.228	- .599	170	130	- .171	.114	.222	- .629
160	628	- .182	.113	.196	- .553	160	920	- .026	.110	.356	- .399	170	131	- .199	.124	.277	- .619
160	629	- .187	.114	.305	- .555	160	921	- .139	.113	.253	- .534	170	132	- .179	.113	.271	- .560
160	630	- .192	.125	.209	- .662	160	922	- .115	.119	.274	- .556	170	133	- .163	.110	.244	- .521
160	631	- .173	.119	.259	- .564	160	923	- .221	.110	.115	- .585	170	134	- .344	.142	.194	- .817
160	632	- .172	.127	.273	- .602	160	924	- .205	.126	.622	- .208	170	135	- .323	.130	.143	- .702
160	633	- .180	.132	.173	- .611	160	925	- .154	.117	.580	- .234	170	136	- .332	.143	.114	- .876
160	634	- .191	.119	.205	- .637	160	926	- .124	.112	.551	- .290	170	137	- .293	.140	.177	- .777
160	635	- .189	.120	.335	- .734	160	927	- .103	.118	.589	- .300	170	138	- .221	.143	.217	- .695
160	636	- .148	.116	.214	- .573	160	928	- .052	.108	.422	- .309	170	139	- .168	.143	.283	- .738
160	637	- .141	.118	.230	- .606	160	929	- .043	.116	.465	- .319	170	140	- .098	.130	.324	- .540
160	638	- .150	.126	.252	- .653	160	930	- .009	.113	.398	- .402	170	141	- .058	.122	.376	- .563
160	639	- .157	.126	.267	- .643	160	931	- .130	.117	.525	- .299	170	142	- .090	.118	.289	- .510
160	640	- .160	.131	.344	- .603	160	932	- .095	.110	.500	- .269	170	143	- .105	.115	.248	- .492
160	641	- .086	.123	.308	- .491	160	933	- .099	.106	.436	- .273	170	144	- .131	.123	.275	- .530
160	642	- .093	.123	.369	- .529	160	934	- .084	.113	.453	- .305	170	145	- .161	.116	.209	- .590
160	643	- .102	.122	.322	- .462	160	935	- .124	.116	.524	- .282	170	146	- .193	.127	.246	- .593
160	644	- .118	.121	.262	- .623	160	936	- .106	.111	.506	- .246	170	147	- .190	.119	.177	- .715
160	645	- .116	.118	.235	- .535	160	937	- .183	.127	.227	- .750	170	148	- .183	.125	.223	- .599
160	646	- .099	.138	.298	- .631	160	938	- .214	.128	.332	- .685	170	149	- .157	.123	.347	- .576
160	647	- .102	.105	.215	- .489	160	939	- .209	.134	.297	- .628	170	150	- .151	.118	.215	- .515
160	648	- .105	.108	.278	- .491	170	101	- .487	.149	.066	- .993	170	151	- .154	.110	.215	- .636
160	649	- .066	.109	.397	- .576	170	102	- .423	.174	.103	- 1 .016	170	152	- .301	.127	.096	- .759
160	650	- .087	.117	.392	- .539	170	103	- .200	.139	.286	- .894	170	153	- .333	.128	.065	- .865
160	651	- .101	.124	.276	- .602	170	104	- .221	.134	.171	- .798	170	154	- .324	.125	.051	- .756
160	801	- .099	.141	.575	- .308	170	105	- .290	.131	.208	- .889	170	155	- .297	.124	.091	- .719
160	802	- .270	.146	.213	- .784	170	106	- .135	.111	.283	- .480	170	156	- .182	.146	.343	- .625
160	803	- .189	.136	.256	- .693	170	107	- .191	.115	.160	- .560	170	157	- .094	.135	.442	- .608
160	804	- .150	.130	.343	- .603	170	108	- .567	.157	.110	- 1 .120	170	158	- .078	.123	.373	- .483
160	805	- .072	.113	.262	- .499	170	109	- .359	.219	.252	- 1 .007	170	159	- .055	.123	.475	- .519
160	806	- .068	.123	.410	- .494	170	110	- .185	.134	.187	- .638	170	160	- .134	.126	.304	- .574
160	807	- .074	.122	.372	- .455	170	111	- .186	.124	.190	- .641	170	161	- .155	.117	.249	- .630
160	901	- .185	.158	.358	- .703	170	112	- .246	.114	.121	- .712	170	162	- .187	.122	.221	- .690
160	902	- .194	.124	.215	- .675	170	113	- .196	.114	.229	- .680	170	163	- .193	.125	.282	- .735
160	903	- .195	.119	.221	- .634	170	114	- .158	.138	.338	- .607	170	164	- .196	.120	.204	- .619
160	904	- .229	.118	.256	- .588	170	115	- .207	.115	.130	- .641	170	165	- .158	.112	.220	- .575
160	905	- .057	.114	.334	- .432	170	116	- .193	.130	.288	- .790	170	166	- .140	.107	.257	- .486
160	906	- .191	.115	.175	- .667	170	117	- .351	.188	.200	- 1 .003	170	167	- .146	.112	.260	- .500

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	168	-.276	.119	.169	-.730	170	218	.020	.190	.578	-1.168	170	268	-.059	.117	.292	-.469
170	169	-.299	.120	.129	-.751	170	219	.044	.127	.451	-.516	170	269	-.062	.120	.439	-.487
170	170	-.319	.124	.099	-.751	170	220	.043	.120	.459	-.330	170	301	.138	.181	.698	-.442
170	171	-.303	.147	.187	-.821	170	221	.016	.112	.392	-.426	170	302	.156	.145	.583	-.386
170	172	-.192	.170	.423	-.760	170	222	-.026	.109	.290	-.391	170	303	-.032	.142	.493	-.488
170	173	-.085	.147	.386	-.555	170	223	-.030	.120	.408	-.383	170	304	-.047	.150	.493	-.634
170	174	-.049	.128	.328	-.528	170	224	-.143	.115	.289	-.629	170	305	-.081	.162	.497	-.774
170	175	-.037	.132	.461	-.638	170	225	-.188	.111	.156	-.632	170	306	-.118	.151	.362	-.627
170	176	-.111	.115	.259	-.459	170	226	-.246	.135	.277	-.780	170	307	.228	.254	.990	-.551
170	177	-.137	.123	.288	-.591	170	227	-.251	.122	.156	-.650	170	308	.431	.222	1.157	-.330
170	178	-.160	.124	.282	-.724	170	228	-.250	.129	.212	-.757	170	309	.266	.164	.685	-.283
170	179	-.162	.120	.256	-.762	170	229	-.227	.126	.207	-.672	170	310	-.207	.144	.318	-.795
170	180	-.154	.128	.271	-.599	170	230	-.171	.122	.187	-.571	170	311	-.172	.143	.248	-.771
170	181	-.152	.120	.279	-.569	170	231	-.149	.125	.283	-.598	170	312	-.212	.129	.304	-.666
170	182	-.141	.117	.278	-.528	170	232	.057	.140	.502	-.550	170	313	-.049	.160	.594	-.525
170	183	-.148	.122	.260	-.549	170	233	.081	.140	.499	-.571	170	314	-.061	.171	.591	-.616
170	184	-.345	.145	.136	-.840	170	234	.160	.125	.593	-.374	170	315	.304	.162	.849	-.308
170	185	-.368	.148	.105	-.928	170	235	.111	.112	.507	-.306	170	316	.247	.145	.711	-.224
170	186	-.364	.155	.118	-.961	170	236	.082	.124	.519	-.383	170	317	.154	.131	.735	-.259
170	187	-.292	.179	.238	-.900	170	237	.053	.116	.433	-.363	170	318	.074	.130	.499	-.402
170	188	-.122	.173	.373	-.799	170	238	.007	.123	.470	-.409	170	319	.016	.126	.411	-.468
170	189	-.034	.145	.386	-.617	170	239	-.006	.116	.389	-.406	170	320	.399	.171	1.003	-.509
170	190	-.029	.131	.455	-.503	170	240	-.099	.124	.341	-.514	170	321	.361	.148	.863	-.406
170	191	-.012	.124	.469	-.464	170	241	-.167	.129	.297	-.582	170	322	.226	.134	.676	-.224
170	192	-.090	.124	.350	-.539	170	242	-.276	.128	.153	-.698	170	323	.036	.130	.526	-.449
170	193	-.104	.116	.339	-.544	170	243	-.227	.115	.131	-.670	170	324	-.047	.127	.347	-.426
170	194	-.131	.121	.265	-.525	170	244	-.166	.119	.204	-.474	170	325	.397	.166	.940	-.367
170	195	-.130	.126	.364	-.555	170	245	-.135	.123	.249	-.533	170	326	.363	.158	.867	-.402
170	196	-.129	.119	.252	-.484	170	246	-.095	.120	.317	-.423	170	327	.231	.129	.918	-.197
170	197	-.132	.113	.224	-.638	170	247	-.084	.112	.331	-.497	170	328	.041	.117	.465	-.308
170	198	-.135	.116	.246	-.469	170	248	-.004	.124	.426	-.397	170	329	-.079	.120	.332	-.475
170	199	-.134	.123	.254	-.625	170	249	-.024	.117	.461	-.368	170	330	.379	.154	.858	-.190
170	200	-.394	.173	.179	-1.089	170	250	-.066	.138	.428	-.579	170	331	.360	.139	.802	-.147
170	201	-.411	.171	.119	-1.067	170	251	-.026	.136	.460	-.452	170	332	.223	.124	.666	-.156
170	202	-.348	.243	.470	-1.256	170	252	-.063	.125	.437	-.495	170	333	.064	.124	.485	-.383
170	203	-.145	.216	.405	-.823	170	253	-.022	.132	.503	-.509	170	334	-.109	.131	.419	-.535
170	204	-.005	.135	.443	-.595	170	254	.037	.122	.466	-.445	170	335	.320	.143	.834	-.392
170	205	.009	.114	.431	-.351	170	255	.001	.120	.366	-.477	170	336	.319	.123	.736	-.044
170	206	-.028	.119	.425	-.456	170	256	-.040	.117	.385	-.541	170	337	.241	.127	.752	-.174
170	207	-.017	.116	.340	-.519	170	257	-.097	.120	.289	-.464	170	338	.055	.123	.462	-.368
170	208	-.096	.112	.266	-.466	170	258	-.079	.115	.249	-.469	170	339	-.058	.135	.366	-.636
170	209	-.122	.116	.349	-.550	170	259	-.058	.115	.342	-.472	170	340	.109	.149	.640	-.414
170	210	-.153	.117	.275	-.581	170	260	.036	.132	.509	-.314	170	341	.172	.147	.686	-.305
170	211	-.149	.115	.238	-.548	170	261	.034	.120	.509	-.388	170	342	.220	.143	.691	-.260
170	212	-.153	.109	.298	-.496	170	262	.038	.108	.406	-.378	170	343	.128	.131	.596	-.411
170	213	-.157	.115	.243	-.541	170	263	.026	.109	.386	-.338	170	344	.049	.131	.459	-.411
170	214	-.150	.114	.255	-.519	170	264	-.017	.118	.329	-.405	170	345	.014	.135	.456	-.523
170	215	-.171	.120	.222	-.650	170	265	-.061	.123	.497	-.410	170	346	.086	.128	.507	-.334
170	216	-.356	.213	.238	-1.245	170	266	-.054	.106	.278	-.456	170	347	.156	.133	.680	-.257
170	217	-.279	.228	.406	-1.350	170	267	-.057	.109	.278	-.377	170	348	.155	.130	.726	-.302

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	349	.142	.128	.647	-.240	170	428	-.111	.113	.283	-.554	170	478	-.116	.120	.300	-.558
170	350	.190	.141	.717	-.243	170	429	-.102	.123	.357	-.584	170	479	-.075	.132	.347	-.501
170	351	.150	.133	.553	-.296	170	430	-.112	.114	.219	-.488	170	480	-.105	.129	.384	-.647
170	352	.066	.132	.560	-.367	170	431	-.061	.116	.322	-.534	170	481	-.121	.139	.301	-.692
170	353	.086	.113	.523	-.425	170	432	-.126	.112	.218	-.505	170	482	-.188	.169	.373	-.775
170	354	.062	.116	.487	-.299	170	433	-.139	.119	.261	-.495	170	483	-.384	.173	.269	-1.062
170	355	.024	.134	.477	-.446	170	434	-.133	.131	.302	-.582	170	484	-.511	.155	.088	-1.085
170	356	.061	.139	.472	-.611	170	435	-.228	.147	.271	-.729	170	485	-.496	.153	-.073	-1.202
170	357	.089	.141	.592	-.388	170	436	-.362	.185	.338	-.943	170	486	-.504	.155	.078	-1.146
170	358	.170	.149	.684	-.285	170	437	-.410	.145	.077	-.897	170	487	-.230	.118	.167	-.669
170	359	.103	.123	.566	-.357	170	438	-.786	.201	-.035	-1.404	170	488	-.085	.128	.421	-.481
170	360	.057	.126	.515	-.323	170	439	-.119	.135	.354	-.516	170	489	-.118	.155	.685	-.328
170	361	.075	.118	.535	-.325	170	440	.033	.136	.641	-.393	170	490	.226	.153	.727	-.368
170	362	.040	.113	.421	-.391	170	441	.139	.133	.558	-.310	170	491	.341	.175	.927	-.416
170	363	.071	.134	.553	-.408	170	442	.230	.148	.839	-.248	170	492	-.365	.212	1.050	-.309
170	364	.246	.156	.770	-.217	170	443	.328	.167	.818	-.204	170	493	-.128	.130	.395	-.550
170	365	.218	.137	.838	-.196	170	444	.372	.160	.877	-.301	170	494	-.119	.133	.303	-.590
170	366	.176	.120	.571	-.200	170	445	-.113	.104	.238	-.482	170	495	-.075	.126	.338	-.603
170	367	.119	.116	.545	-.278	170	446	-.120	.088	.119	-.388	170	496	-.108	.121	.286	-.535
170	368	.116	.121	.484	-.333	170	447	-.076	.103	.308	-.402	170	497	-.111	.143	.360	-.648
170	369	.095	.118	.511	-.301	170	448	-.104	.120	.326	-.477	170	498	-.144	.153	.427	-.726
170	370	.052	.117	.435	-.299	170	449	-.111	.114	.366	-.607	170	499	-.306	.191	.371	-.951
170	371	.053	.132	.450	-.471	170	450	-.133	.114	.274	-.507	170	500	-.497	.186	.196	-1.105
170	401	-.157	.114	.216	-.619	170	451	-.220	.162	.317	-.792	170	501	-.509	.167	.071	-1.480
170	402	-.168	.120	.175	-.597	170	452	-.541	.169	.142	-1.178	170	502	-.430	.157	.037	-1.201
170	403	-.411	.171	.275	-.894	170	453	-.723	.199	-.075	-1.454	170	503	-.265	.132	.207	-.696
170	404	-.529	.140	-.065	-1.097	170	454	-.729	.182	-.077	-1.391	170	504	-.141	.124	.352	-.519
170	405	-.092	.142	.507	-.580	170	455	-.277	.138	.198	-.838	170	505	.006	.139	.520	-.429
170	406	-.157	.149	.667	-.374	170	456	-.072	.133	.365	-.489	170	506	.072	.148	.648	-.440
170	407	-.235	.202	.865	-.408	170	457	.156	.144	.615	-.281	170	507	.151	.176	.739	-.704
170	408	-.154	.120	.267	-.548	170	458	.299	.157	.838	-.180	170	508	.133	.230	.761	-.718
170	409	-.151	.114	.279	-.562	170	459	.417	.179	.993	-.183	170	509	-.123	.128	.270	-.570
170	410	-.244	.171	.243	-.793	170	460	.469	.187	1.057	-.247	170	510	-.113	.137	.382	-.656
170	411	-.577	.193	.107	-1.253	170	461	-.118	.110	.269	-.509	170	511	-.082	.130	.374	-.521
170	412	-.174	.137	.302	-.648	170	462	-.120	.112	.309	-.477	170	512	-.102	.133	.361	-.587
170	413	-.125	.153	.632	-.405	170	463	-.071	.119	.349	-.477	170	513	-.105	.133	.319	-.700
170	414	-.173	.176	.776	-.459	170	464	-.099	.134	.347	-.509	170	514	-.112	.141	.314	-.666
170	415	-.135	.116	.218	-.557	170	465	-.115	.129	.293	-.515	170	515	-.196	.187	.427	-.960
170	416	-.113	.110	.316	-.428	170	466	-.185	.150	.279	-.802	170	516	-.347	.222	.393	-1.113
170	417	-.115	.112	.330	-.470	170	467	-.389	.179	.188	-1.111	170	517	-.448	.197	.276	-1.275
170	418	-.144	.129	.253	-.614	170	468	-.523	.149	.080	-1.041	170	518	-.432	.176	.115	-1.121
170	419	-.159	.138	.283	-.748	170	469	-.543	.143	-.126	-1.121	170	519	-.273	.145	.331	-.781
170	420	-.140	.127	.333	-.608	170	470	-.513	.146	-.024	-1.026	170	520	-.198	.132	.282	-.721
170	421	-.223	.144	.256	-.708	170	471	-.229	.133	.215	-.655	170	521	-.142	.135	.320	-.639
170	422	-.372	.186	.184	-1.068	170	472	-.057	.132	.492	-.547	170	522	-.121	.127	.293	-.773
170	423	-.137	.186	.659	-.680	170	473	-.147	.153	.614	-.314	170	523	-.244	.231	.328	-1.102
170	424	-.170	.162	.775	-.684	170	474	-.267	.176	.908	-.277	170	524	-.366	.226	.399	-1.097
170	425	-.194	.164	.386	-.733	170	475	-.389	.184	.975	-.368	170	525	-.081	.119	.323	-.529
170	426	-.184	.184	.501	-.837	170	476	-.472	.192	.994	-.301	170	526	-.086	.118	.245	-.510
170	427	-.122	.123	.416	-.516	170	477	-.115	.120	.288	-.590	170	527	-.060	.121	.394	-.560

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	528	-.079	.133	.407	-.562	170	616	-.151	.127	.322	-.582	170	908	-.271	.137	.183	-.895
170	529	-.080	.127	.361	-.472	170	617	-.148	.109	.272	-.534	170	909	-.017	.117	.371	-.365
170	530	-.085	.129	.369	-.508	170	618	-.143	.115	.249	-.533	170	910	-.335	.137	.261	-.855
170	531	-.111	.145	.393	-.655	170	619	-.137	.123	.218	-.527	170	911	-.221	.124	.244	-.715
170	532	-.157	.155	.410	-.852	170	620	-.134	.120	.299	-.513	170	912	-.083	.120	.388	-.537
170	533	-.245	.148	.232	-.915	170	621	-.126	.126	.350	-.522	170	913	-.181	.120	.210	-.566
170	534	-.262	.170	.241	-.985	170	622	-.117	.106	.249	-.594	170	914	-.090	.115	.316	-.557
170	535	-.162	.132	.323	-.600	170	623	-.120	.105	.268	-.470	170	915	-.068	.126	.367	-.547
170	536	-.131	.116	.279	-.641	170	624	-.124	.120	.276	-.569	170	916	-.197	.134	.219	-.601
170	537	-.104	.121	.345	-.552	170	625	-.118	.110	.363	-.524	170	917	-.015	.173	.713	-.490
170	538	-.134	.135	.377	-.596	170	626	-.114	.117	.333	-.513	170	918	-.176	.131	.268	-.655
170	539	-.200	.138	.276	-.666	170	627	-.118	.114	.316	-.479	170	919	-.213	.128	.385	-.753
170	540	-.222	.146	.385	-.726	170	628	-.122	.115	.308	-.493	170	920	-.045	.121	.360	-.555
170	541	-.073	.129	.341	-.534	170	629	-.122	.112	.282	-.493	170	921	-.180	.133	.233	-.850
170	542	-.101	.130	.335	-.710	170	630	-.112	.115	.233	-.577	170	922	-.057	.111	.357	-.443
170	543	-.130	.129	.262	-.602	170	631	-.136	.113	.315	-.562	170	923	-.195	.123	.313	-.614
170	544	-.061	.126	.362	-.463	170	632	-.135	.123	.307	-.602	170	924	-.182	.138	.658	-.264
170	545	-.046	.130	.350	-.535	170	633	-.137	.130	.347	-.549	170	925	-.136	.121	.554	-.273
170	546	-.057	.127	.392	-.487	170	634	-.137	.117	.266	-.510	170	926	-.097	.108	.490	-.328
170	547	-.067	.121	.354	-.458	170	635	-.135	.116	.291	-.493	170	927	-.078	.107	.494	-.258
170	548	-.098	.126	.262	-.589	170	636	-.126	.125	.258	-.548	170	928	-.030	.117	.390	-.329
170	549	-.120	.119	.304	-.590	170	637	-.121	.137	.365	-.610	170	929	-.028	.122	.515	-.318
170	550	-.032	.094	.341	-.316	170	638	-.139	.130	.299	-.643	170	930	-.020	.112	.337	-.435
170	551	-.051	.111	.331	-.402	170	639	-.135	.133	.271	-.630	170	931	-.078	.119	.480	-.320
170	552	-.023	.115	.327	-.398	170	640	-.131	.125	.291	-.515	170	932	-.078	.115	.452	-.337
170	553	-.037	.121	.352	-.494	170	641	-.073	.123	.321	-.585	170	933	-.086	.114	.488	-.273
170	554	-.014	.125	.393	-.406	170	642	-.080	.120	.321	-.551	170	934	-.046	.116	.409	-.315
170	555	-.023	.129	.531	-.506	170	643	-.089	.128	.363	-.530	170	935	-.107	.123	.513	-.318
170	556	-.011	.118	.393	-.398	170	644	-.101	.124	.313	-.509	170	936	-.079	.112	.434	-.294
170	557	-.027	.117	.357	-.371	170	645	-.092	.118	.274	-.529	170	937	-.224	.137	.245	-.758
170	558	-.024	.130	.446	-.460	170	646	-.080	.129	.346	-.609	170	938	-.093	.128	.372	-.474
170	559	-.051	.130	.373	-.551	170	647	-.081	.104	.247	-.457	170	939	-.056	.128	.474	-.452
170	560	-.015	.135	.463	-.456	170	648	-.078	.117	.300	-.549	180	101	-.420	.136	-.038	-.920
170	561	-.062	.143	.403	-.559	170	649	-.059	.114	.308	-.521	180	102	-.424	.157	.087	-1.002
170	562	-.109	.137	.349	-.733	170	650	-.072	.114	.335	-.498	180	103	-.276	.142	.177	-.944
170	601	-.170	.116	.220	-.554	170	651	-.081	.121	.293	-.506	180	104	-.237	.142	.258	-.829
170	602	-.179	.112	.227	-.530	170	801	-.186	.131	.630	-.273	180	105	-.218	.134	.308	-.633
170	603	-.178	.108	.143	-.678	170	802	-.089	.130	.344	-.595	180	106	-.123	.117	.304	-.494
170	604	-.144	.109	.273	-.522	170	803	-.024	.118	.433	-.370	180	107	-.178	.116	.206	-.650
170	605	-.165	.118	.206	-.517	170	804	-.020	.123	.365	-.496	180	108	-.492	.152	-.046	-1.074
170	606	-.174	.121	.366	-.557	170	805	-.057	.109	.382	-.403	180	109	-.464	.156	.042	-1.021
170	607	-.167	.107	.208	-.551	170	806	-.055	.127	.494	-.516	180	110	-.252	.131	.224	-.675
170	608	-.174	.110	.162	-.506	170	807	-.060	.120	.353	-.448	180	111	-.189	.121	.183	-.629
170	609	-.168	.114	.174	-.548	170	901	-.219	.137	.271	-.674	180	112	-.198	.132	.254	-.723
170	610	-.175	.114	.244	-.549	170	902	-.154	.130	.294	-.577	180	113	-.181	.122	.292	-.582
170	611	-.176	.121	.330	-.570	170	903	-.083	.119	.312	-.487	180	114	-.290	.169	.183	-1.191
170	612	-.161	.125	.233	-.599	170	904	-.144	.123	.273	-.579	180	115	-.188	.125	.227	-.658
170	613	-.166	.125	.290	-.648	170	905	-.017	.123	.441	-.434	180	116	-.195	.126	.184	-.598
170	614	-.158	.114	.195	-.530	170	906	-.160	.118	.196	-.653	180	117	-.326	.138	.146	-.864
170	615	-.161	.116	.204	-.576	170	907	-.209	.133	.330	-.772	180	118	-.303	.139	.132	-.772

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	119	-.267	.136	.144	-.828	180	169	-.253	.115	.101	-.684	180	219	-.008	.123	.391	-.395
180	120	-.249	.144	.388	-.842	180	170	-.284	.126	.086	-.858	180	220	-.000	.109	.340	-.487
180	121	-.219	.145	.224	-.840	180	171	-.282	.133	.329	-.756	180	221	-.002	.111	.340	-.378
180	122	-.161	.138	.246	-.759	180	172	-.274	.134	.133	-.751	180	222	-.016	.115	.415	-.405
180	123	-.145	.134	.322	-.669	180	173	-.193	.137	.287	-.621	180	223	-.022	.127	.402	-.473
180	124	-.138	.141	.334	-.674	180	174	-.106	.130	.468	-.538	180	224	-.083	.118	.386	-.479
180	125	-.150	.128	.283	-.635	180	175	-.057	.130	.394	-.470	180	225	-.111	.127	.310	-.594
180	126	-.131	.119	.299	-.556	180	176	-.064	.126	.422	-.525	180	226	-.157	.128	.282	-.661
180	127	-.137	.117	.244	-.573	180	177	-.078	.138	.450	-.541	180	227	-.159	.134	.287	-.621
180	128	-.137	.123	.323	-.585	180	178	-.104	.132	.455	-.653	180	228	-.136	.129	.336	-.609
180	129	-.125	.116	.275	-.510	180	179	-.091	.134	.335	-.629	180	229	-.070	.122	.347	-.490
180	130	-.124	.117	.240	-.530	180	180	-.081	.125	.365	-.637	180	230	-.033	.114	.347	-.484
180	131	-.128	.125	.266	-.576	180	181	-.066	.125	.399	-.528	180	231	-.037	.114	.372	-.386
180	132	-.126	.112	.271	-.562	180	182	-.066	.114	.330	-.525	180	232	.041	.132	.529	-.526
180	133	-.115	.112	.282	-.567	180	183	-.061	.120	.322	-.485	180	233	.047	.125	.473	-.449
180	134	-.286	.127	.100	-.762	180	184	-.340	.137	.118	-.838	180	234	.051	.119	.526	-.367
180	135	-.269	.129	.226	-.749	180	185	-.365	.138	.045	-.838	180	235	.039	.126	.532	-.409
180	136	-.263	.121	.177	-.689	180	186	-.361	.146	.082	-.817	180	236	.034	.113	.374	-.319
180	137	-.265	.129	.149	-.762	180	187	-.373	.140	.159	-.838	180	237	.025	.111	.393	-.401
180	138	-.263	.126	.162	-.737	180	188	-.303	.148	.138	-.852	180	238	.007	.110	.340	-.395
180	139	-.252	.133	.144	-.705	180	189	-.151	.165	.324	-.852	180	239	.013	.114	.393	-.322
180	140	-.193	.145	.267	-.722	180	190	-.049	.135	.434	-.546	180	240	-.021	.113	.359	-.422
180	141	-.171	.136	.283	-.754	180	191	-.010	.130	.487	-.541	180	241	-.059	.124	.337	-.528
180	142	-.138	.128	.262	-.660	180	192	-.053	.121	.324	-.467	180	242	-.136	.128	.288	-.550
180	143	-.123	.130	.303	-.573	180	193	-.067	.124	.401	-.483	180	243	-.094	.121	.291	-.515
180	144	-.112	.121	.306	-.611	180	194	-.084	.122	.292	-.522	180	244	-.062	.119	.353	-.481
180	145	-.112	.122	.286	-.633	180	195	-.080	.128	.303	-.623	180	245	-.040	.120	.317	-.376
180	146	-.131	.121	.250	-.567	180	196	-.079	.120	.314	-.531	180	246	-.014	.118	.393	-.446
180	147	-.120	.121	.273	-.521	180	197	-.066	.120	.282	-.525	180	247	-.006	.114	.434	-.417
180	148	-.095	.122	.295	-.567	180	198	-.063	.122	.423	-.462	180	248	-.001	.113	.365	-.398
180	149	-.080	.120	.291	-.509	180	199	-.063	.123	.309	-.454	180	249	.013	.113	.387	-.379
180	150	-.078	.114	.273	-.441	180	200	-.423	.162	.072	-.1235	180	250	.004	.115	.383	-.408
180	151	-.072	.115	.273	-.458	180	201	-.435	.164	.035	-.1072	180	251	.011	.116	.404	-.377
180	152	-.232	.118	.196	-.622	180	202	-.434	.168	.204	-.1026	180	252	.000	.106	.352	-.363
180	153	-.248	.113	.051	-.614	180	203	-.322	.186	.369	-.1015	180	253	-.007	.123	.443	-.419
180	154	-.259	.115	.127	-.660	180	204	-.092	.151	.342	-.727	180	254	.028	.119	.361	-.361
180	155	-.266	.118	.171	-.746	180	205	-.024	.117	.404	-.444	180	255	.030	.113	.370	-.395
180	156	-.260	.132	.219	-.652	180	206	-.017	.121	.416	-.457	180	256	.013	.114	.372	-.372
180	157	-.191	.147	.316	-.825	180	207	-.006	.116	.401	-.463	180	257	-.019	.118	.423	-.377
180	158	-.116	.133	.268	-.619	180	208	-.060	.115	.347	-.447	180	258	.012	.111	.352	-.399
180	159	-.090	.135	.460	-.674	180	209	-.080	.123	.326	-.466	180	259	-.003	.109	.362	-.555
180	160	-.089	.131	.306	-.530	180	210	-.095	.114	.280	-.528	180	260	.033	.110	.510	-.381
180	161	-.100	.124	.280	-.552	180	211	-.088	.111	.342	-.447	180	261	.047	.113	.362	-.336
180	162	-.129	.123	.232	-.616	180	212	-.095	.119	.314	-.509	180	262	.047	.111	.397	-.406
180	163	-.124	.126	.369	-.554	180	213	-.093	.128	.366	-.533	180	263	.035	.109	.376	-.444
180	164	-.094	.115	.272	-.542	180	214	-.082	.119	.329	-.490	180	264	.024	.106	.439	-.372
180	165	-.071	.112	.327	-.414	180	215	-.071	.115	.340	-.447	180	265	.001	.112	.403	-.392
180	166	-.069	.116	.295	-.461	180	216	-.225	.192	.352	-.999	180	266	.002	.120	.415	-.399
180	167	-.069	.122	.304	-.563	180	217	-.129	.174	.423	-.859	180	267	-.001	.113	.394	-.364
180	168	-.267	.117	.186	-.652	180	218	.009	.138	.393	-.553	180	268	-.001	.114	.384	-.436

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	269	.001	.114	.390	-.406	180	350	.099	.128	.544	-.327	180	429	-.039	.121	.416	-.469
180	301	-.084	.190	.437	-.948	180	351	.113	.135	.634	-.313	180	430	-.035	.119	.379	-.411
180	302	-.009	.138	.425	-.750	180	352	.117	.124	.618	-.305	180	431	-.021	.129	.608	-.479
180	303	-.144	.130	.288	-.666	180	353	.121	.126	.591	-.283	180	432	-.027	.121	.455	-.400
180	304	-.084	.130	.471	-.526	180	354	.072	.122	.449	-.302	180	433	-.037	.120	.427	-.446
180	305	-.199	.141	.248	-.712	180	355	-.024	.118	.385	-.470	180	434	-.003	.125	.465	-.382
180	306	-.243	.139	.241	-.782	180	356	-.009	.118	.350	-.384	180	435	-.058	.138	.442	-.537
180	307	.088	.215	.909	-.554	180	357	.027	.126	.484	-.387	180	436	-.108	.194	.579	-1.000
180	308	.196	.228	.007	-.451	180	358	.069	.128	.560	-.329	180	437	-.274	.158	.325	-.943
180	309	.064	.184	.645	-.407	180	359	.084	.123	.508	-.411	180	438	-.557	.224	.219	-1.615
180	310	-.086	.138	.392	-.549	180	360	.094	.118	.594	-.310	180	439	.027	.142	.571	-.431
180	311	-.077	.135	.344	-.651	180	361	.100	.113	.506	-.329	180	440	.158	.130	.613	-.274
180	312	-.153	.131	.271	-.644	180	362	.062	.117	.475	-.439	180	441	.255	.145	.770	-.391
180	313	.002	.151	.497	-.538	180	363	-.015	.118	.421	-.376	180	442	.345	.154	.897	-.136
180	314	.045	.150	.542	-.538	180	364	.066	.127	.594	-.324	180	443	.455	.174	1.059	-.147
180	315	.047	.198	.578	-.704	180	365	.100	.124	.665	-.426	180	444	.467	.167	1.023	-.016
180	316	.126	.150	.553	-.550	180	366	.106	.129	.526	-.322	180	445	-.048	.099	.259	-.399
180	317	.077	.121	.572	-.286	180	367	.120	.120	.486	-.303	180	446	-.050	.087	.166	-.350
180	318	.018	.117	.425	-.381	180	368	.109	.116	.473	-.308	180	447	-.006	.110	.350	-.322
180	319	-.036	.119	.354	-.446	180	369	.111	.114	.492	-.313	180	448	-.022	.113	.361	-.386
180	320	.077	.215	.728	-.653	180	370	.082	.120	.504	-.360	180	449	-.029	.114	.371	-.487
180	321	.128	.211	.615	-.683	180	371	.057	.116	.456	-.346	180	450	-.028	.124	.456	-.520
180	322	.127	.123	.595	-.360	180	401	-.103	.117	.384	-.519	180	451	-.046	.141	.446	-.561
180	323	-.022	.122	.305	-.385	180	402	-.057	.121	.399	-.442	180	452	-.275	.235	.462	-.971
180	324	-.077	.117	.320	-.465	180	403	-.113	.166	.375	-.742	180	453	-.514	.197	.192	-1.359
180	325	.106	.217	.795	-.745	180	404	-.332	.169	.510	-.987	180	454	-.522	.198	.099	-1.281
180	326	.148	.193	.656	-.521	180	405	.105	.141	.552	-.419	180	455	-.121	.141	.335	-.608
180	327	.117	.123	.528	-.359	180	406	.293	.146	.831	-.313	180	456	.076	.139	.665	-.333
180	328	-.038	.112	.344	-.482	180	407	.369	.145	.851	-.189	180	457	.292	.140	.863	-.237
180	329	-.138	.108	.250	-.466	180	408	-.107	.122	.360	-.585	180	458	.418	.157	.954	-.027
180	330	.127	.208	.827	-.658	180	409	-.056	.123	.436	-.502	180	459	.508	.174	1.189	-.047
180	331	.162	.158	.707	-.603	180	410	-.017	.128	.433	-.532	180	460	.560	.171	1.147	-.093
180	332	.091	.117	.478	-.285	180	411	-.242	.220	.608	-1.186	180	461	-.051	.119	.352	-.478
180	333	-.071	.121	.311	-.479	180	412	.040	.156	.818	-.443	180	462	-.053	.122	.401	-.519
180	334	-.175	.116	.242	-.644	180	413	.217	.163	.859	-.297	180	463	-.005	.119	.379	-.398
180	335	.066	.175	.600	-.636	180	414	.213	.185	1.029	-.520	180	464	.027	.121	.380	-.428
180	336	.024	.148	.465	-.778	180	415	-.071	.118	.303	-.449	180	465	-.025	.134	.501	-.464
180	337	.010	.144	.475	-.482	180	416	-.042	.128	.483	-.481	180	466	-.050	.136	.426	-.519
180	338	-.114	.129	.388	-.649	180	417	-.027	.121	.365	-.446	180	467	-.211	.190	.331	-.879
180	339	-.174	.127	.250	-.678	180	418	-.038	.124	.428	-.464	180	468	-.370	.175	.374	-1.009
180	340	-.103	.131	.305	-.582	180	419	-.007	.131	.541	-.437	180	469	-.389	.153	.196	-1.000
180	341	-.072	.120	.473	-.614	180	420	-.008	.133	.566	-.661	180	470	-.371	.154	.149	-.951
180	342	-.015	.133	.423	-.557	180	421	-.065	.139	.386	-.615	180	471	-.102	.131	.358	-.618
180	343	.020	.135	.492	-.422	180	422	-.198	.183	.384	-.870	180	472	.055	.123	.479	-.393
180	344	.060	.126	.358	-.435	180	423	.124	.179	.729	-.517	180	473	.271	.140	.710	-.214
180	345	.057	.112	.341	-.538	180	424	.136	.224	.890	-.513	180	474	.384	.148	.963	-.134
180	346	-.034	.118	.391	-.419	180	425	.083	.223	.863	-.531	180	475	.467	.161	1.065	-.052
180	347	.000	.131	.418	-.420	180	426	-.066	.242	.954	-.712	180	476	.506	.154	1.031	-.002
180	348	.036	.133	.482	-.450	180	427	-.043	.117	.325	-.486	180	477	-.049	.124	.366	-.495
180	349	.040	.130	.536	-.457	180	428	-.031	.116	.373	-.480	180	478	-.045	.125	.394	-.486

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	479	-.017	.126	.457	-.412	180	529	-.028	.113	.383	-.366	180	617	-.068	.114	.289	-.464
180	480	-.037	.124	.476	-.505	180	530	-.040	.121	.445	-.530	180	618	-.072	.113	.267	-.538
180	481	-.041	.125	.366	-.465	180	531	-.062	.126	.332	-.490	180	619	-.069	.122	.285	-.532
180	482	-.058	.143	.473	-.541	180	532	-.061	.119	.340	-.443	180	620	-.067	.125	.300	-.507
180	483	-.182	.174	.498	-.819	180	533	-.091	.120	.344	-.505	180	621	-.064	.119	.336	-.688
180	484	-.342	.187	.470	-.921	180	534	-.105	.129	.322	-.525	180	622	-.067	.104	.267	-.454
180	485	-.379	.163	.168	-.973	180	535	-.080	.140	.395	-.544	180	623	-.060	.112	.285	-.508
180	486	-.367	.152	.140	-.930	180	536	-.078	.115	.282	-.479	180	624	-.064	.113	.299	-.529
180	487	-.126	.124	.344	-.525	180	537	-.077	.108	.254	-.401	180	625	-.059	.112	.310	-.426
180	488	.019	.127	.306	-.486	180	538	-.082	.117	.265	-.322	180	626	-.060	.114	.304	-.528
180	489	.194	.151	.707	-.329	180	539	-.094	.129	.301	-.482	180	627	-.060	.123	.310	-.426
180	490	.295	.149	.855	-.288	180	540	-.086	.121	.333	-.511	180	628	-.061	.116	.307	-.489
180	491	.398	.150	.952	-.115	180	541	-.029	.116	.391	-.445	180	629	-.059	.124	.350	-.426
180	492	.442	.157	.1046	-.186	180	542	-.034	.115	.419	-.467	180	630	-.058	.114	.335	-.446
180	493	-.057	.129	.339	-.435	180	543	-.039	.106	.322	-.400	180	631	-.062	.121	.310	-.506
180	494	-.048	.122	.410	-.468	180	544	-.028	.117	.328	-.423	180	632	-.059	.120	.348	-.417
180	495	-.022	.116	.363	-.438	180	545	-.029	.114	.374	-.417	180	633	-.074	.125	.484	-.539
180	496	-.039	.126	.353	-.525	180	546	-.026	.113	.380	-.456	180	634	-.070	.126	.301	-.597
180	497	-.044	.131	.456	-.570	180	547	-.027	.116	.320	-.481	180	635	-.080	.127	.419	-.517
180	498	-.054	.136	.344	-.737	180	548	-.047	.117	.340	-.384	180	636	-.030	.126	.428	-.434
180	499	-.087	.160	.442	-.753	180	549	-.053	.102	.316	-.364	180	637	-.032	.120	.378	-.449
180	500	-.193	.229	.460	-.992	180	550	.011	.088	.282	-.244	180	638	-.044	.131	.430	-.485
180	501	-.365	.191	.360	-.140	180	551	.011	.105	.357	-.352	180	639	-.060	.130	.375	-.488
180	502	-.367	.179	.228	-.223	180	552	.016	.106	.405	-.319	180	640	-.056	.123	.325	-.486
180	503	-.160	.146	.276	-.720	180	553	.008	.109	.350	-.369	180	641	-.005	.113	.330	-.339
180	504	-.064	.142	.412	-.680	180	554	.012	.121	.374	-.429	180	642	-.006	.123	.358	-.428
180	505	.028	.140	.662	-.454	180	555	.001	.113	.379	-.386	180	643	-.014	.122	.428	-.386
180	506	.063	.152	.696	-.403	180	556	.010	.116	.387	-.412	180	644	-.020	.120	.410	-.580
180	507	.096	.160	.645	-.465	180	557	.001	.122	.451	-.384	180	645	-.025	.113	.348	-.506
180	508	.101	.164	.691	-.775	180	558	.002	.118	.384	-.404	180	646	-.012	.116	.451	-.440
180	509	-.041	.129	.476	-.471	180	559	.008	.115	.382	-.403	180	647	-.007	.106	.350	-.362
180	510	-.036	.124	.394	-.552	180	560	.005	.119	.414	-.376	180	648	-.013	.109	.462	-.367
180	511	-.018	.135	.474	-.460	180	561	.009	.126	.535	-.416	180	649	-.004	.109	.357	-.319
180	512	-.036	.127	.383	-.479	180	562	.030	.113	.316	-.510	180	650	.005	.105	.391	-.304
180	513	-.050	.129	.384	-.507	180	601	-.165	.114	.326	-.675	180	801	-.002	.111	.350	-.389
180	514	-.054	.126	.400	-.555	180	602	-.165	.120	.203	-.680	180	802	-.041	.115	.374	-.501
180	515	-.067	.142	.409	-.631	180	603	-.174	.120	.166	-.663	180	803	-.008	.113	.340	-.409
180	516	-.055	.159	.412	-.823	180	604	-.152	.120	.212	-.592	180	804	-.010	.125	.392	-.347
180	517	-.177	.166	.372	-.928	180	605	-.160	.118	.225	-.646	180	805	-.000	.113	.367	-.361
180	518	-.221	.162	.278	-.891	180	606	-.157	.117	.268	-.751	180	806	-.002	.116	.336	-.398
180	519	-.117	.136	.312	-.705	180	607	-.142	.123	.277	-.581	180	901	-.004	.115	.414	-.463
180	520	-.085	.132	.378	-.516	180	608	-.133	.118	.294	-.538	180	902	-.151	.127	.246	-.658
180	521	-.075	.126	.333	-.583	180	609	-.147	.122	.256	-.555	180	903	-.108	.137	.336	-.692
180	522	-.078	.128	.319	-.631	180	610	-.150	.126	.236	-.588	180	904	-.069	.122	.309	-.488
180	523	-.085	.142	.391	-.817	180	611	-.070	.125	.332	-.591	180	905	-.001	.119	.415	-.522
180	524	-.098	.135	.406	-.857	180	612	-.069	.124	.304	-.547	180	906	-.120	.120	.330	-.531
180	525	-.021	.118	.358	-.445	180	613	-.080	.121	.288	-.535	180	907	-.149	.130	.382	-.578
180	526	-.016	.112	.367	-.369	180	614	-.081	.122	.335	-.611	180	908	-.196	.131	.201	-.713
180	527	-.014	.111	.392	-.389	180	615	-.076	.114	.317	-.496						
180	528	-.017	.120	.343	-.415	180	616	-.077	.141	.425	-.611						

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	909	-.022	.127	.320	-.485	190	120	-.028	.109	.449	-.548	190	170	-.052	.120	.377	-.455
180	910	-.338	.135	.112	-.972	190	121	-.019	.123	.374	-.694	190	171	-.055	.104	.423	-.385
180	911	-.205	.126	.246	-.626	190	122	-.002	.113	.403	-.455	190	172	-.045	.121	.315	-.468
180	912	-.048	.125	.318	-.499	190	123	.003	.109	.347	-.407	190	173	-.008	.107	.314	-.410
180	913	-.128	.127	.305	-.584	190	124	.009	.108	.398	-.401	190	174	.011	.108	.355	-.332
180	914	-.072	.112	.328	-.475	190	125	.005	.110	.348	-.432	190	175	.022	.106	.395	-.295
180	915	-.058	.119	.357	-.463	190	126	.009	.108	.358	-.377	190	176	.015	.107	.367	-.333
180	916	-.143	.123	.328	-.607	190	127	.004	.111	.398	-.366	190	177	.020	.108	.399	-.299
180	917	-.049	.148	.415	-.562	190	128	.007	.113	.405	-.465	190	178	.012	.121	.377	-.462
180	918	-.153	.139	.416	-.718	190	129	.007	.130	.402	-.431	190	179	.016	.107	.337	-.369
180	919	-.200	.120	.179	-.611	190	130	.005	.113	.573	-.388	190	180	.011	.112	.379	-.332
180	920	-.085	.125	.321	-.605	190	131	.005	.110	.328	-.427	190	181	.028	.110	.447	-.320
180	921	-.196	.129	.248	-.616	190	132	.001	.110	.378	-.336	190	182	.021	.120	.408	-.413
180	922	-.050	.111	.353	-.582	190	133	.007	.119	.410	-.363	190	183	.019	.114	.349	-.384
180	923	-.108	.118	.298	-.513	190	134	.083	.126	.339	-.585	190	184	-.070	.121	.343	-.511
180	924	.059	.132	.491	-.411	190	135	.051	.117	.401	-.464	190	185	-.074	.119	.299	-.537
180	925	.054	.122	.388	-.419	190	136	-.047	.123	.367	-.468	190	186	-.063	.119	.334	-.371
180	926	.036	.111	.353	-.357	190	137	-.042	.115	.315	-.443	190	187	-.063	.129	.413	-.515
180	927	.035	.111	.394	-.401	190	138	-.030	.117	.396	-.417	190	188	-.029	.118	.377	-.403
180	928	.026	.105	.350	-.338	190	139	-.028	.112	.326	-.436	190	189	.003	.117	.395	-.446
180	929	.026	.109	.447	-.390	190	140	.009	.107	.351	-.376	190	190	.017	.114	.441	-.357
180	930	.009	.119	.402	-.393	190	141	.000	.117	.406	-.394	190	191	.027	.113	.504	-.335
180	931	.001	.120	.442	-.435	190	142	.006	.109	.374	-.347	190	192	.024	.112	.351	-.438
180	932	.039	.108	.414	-.357	190	143	.008	.111	.372	-.378	190	193	.023	.121	.435	-.400
180	933	.048	.106	.450	-.320	190	144	.004	.108	.398	-.322	190	194	.020	.104	.340	-.404
180	934	.012	.121	.385	-.404	190	145	.002	.114	.502	-.402	190	195	.023	.109	.441	-.344
180	935	.062	.121	.529	-.329	190	146	.012	.112	.394	-.403	190	196	.030	.110	.501	-.317
180	936	.027	.122	.420	-.478	190	147	.013	.117	.432	-.396	190	197	.030	.110	.358	-.339
180	937	-.178	.129	.311	-.567	190	148	.018	.104	.364	-.406	190	198	.029	.110	.462	-.443
180	938	.023	.142	.516	-.424	190	149	.024	.105	.429	-.313	190	199	.024	.110	.377	-.403
180	939	.050	.140	.602	-.434	190	150	.029	.107	.449	-.328	190	200	-.076	.128	.331	-.530
190	101	-.071	.122	.363	-.464	190	151	.026	.108	.391	-.347	190	201	-.080	.128	.356	-.592
190	102	-.063	.130	.355	-.497	190	152	-.052	.111	.377	-.451	190	202	-.072	.134	.349	-.597
190	103	-.024	.113	.362	-.504	190	153	-.039	.101	.228	-.361	190	203	-.018	.125	.411	-.459
190	104	-.023	.111	.399	-.425	190	154	-.037	.107	.300	-.386	190	204	.012	.118	.392	-.480
190	105	-.029	.115	.318	-.454	190	155	-.037	.112	.345	-.383	190	205	.034	.107	.376	-.378
190	106	-.017	.110	.330	-.409	190	156	-.036	.113	.327	-.495	190	206	.040	.107	.360	-.340
190	107	-.020	.113	.382	-.396	190	157	-.013	.115	.360	-.404	190	207	.040	.112	.530	-.337
190	108	-.098	.132	.260	-.573	190	158	.001	.118	.399	-.391	190	208	.032	.123	.466	-.329
190	109	.056	.128	.355	-.526	190	159	.012	.107	.374	-.357	190	209	.030	.110	.428	-.320
190	110	-.015	.114	.386	-.428	190	160	.009	.111	.333	-.421	190	210	.025	.112	.399	-.390
190	111	-.025	.114	.351	-.397	190	161	.009	.111	.556	-.382	190	211	.027	.106	.338	-.378
190	112	-.026	.108	.318	-.472	190	162	.008	.125	.405	-.367	190	212	.031	.110	.392	-.313
190	113	-.015	.124	.417	-.609	190	163	.011	.110	.367	-.359	190	213	.040	.105	.417	-.349
190	114	-.081	.135	.348	-.670	190	164	.016	.109	.392	-.357	190	214	.041	.110	.436	-.288
190	115	-.020	.110	.323	-.417	190	165	.018	.107	.323	-.373	190	215	.038	.116	.428	-.321
190	116	-.010	.111	.357	-.393	190	166	.021	.110	.379	-.326	190	216	.011	.130	.430	-.465
190	117	-.032	.111	.359	-.391	190	167	.024	.107	.439	-.367	190	217	.013	.117	.488	-.669
190	118	-.034	.116	.293	-.516	190	168	-.045	.113	.289	-.413	190	218	.015	.120	.341	-.443
190	119	-.039	.122	.324	-.461	190	169	-.039	.114	.357	-.385	190	219	.037	.104	.417	-.391

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	220	.043	.106	.431	-.310	190	301	-.093	.164	.503	-.882	190	351	.054	.101	.477	-.296
190	221	.045	.104	.434	-.298	190	302	-.036	.142	.377	-.553	190	352	.047	.103	.455	-.293
190	222	.044	.104	.380	-.287	190	303	-.039	.120	.325	-.455	190	353	.055	.102	.476	-.358
190	223	.049	.109	.406	-.281	190	304	-.019	.138	.390	-.921	190	354	.051	.104	.474	-.260
190	224	.034	.117	.436	-.353	190	305	-.039	.116	.355	-.465	190	355	.031	.109	.376	-.338
190	225	.036	.106	.340	-.335	190	306	-.050	.129	.384	-.775	190	356	.027	.106	.435	-.390
190	226	.021	.111	.385	-.350	190	307	.134	.179	.896	-.399	190	357	.044	.113	.438	-.376
190	227	.033	.109	.444	-.311	190	308	.117	.138	.748	-.291	190	358	.039	.104	.403	-.313
190	228	.038	.118	.425	-.391	190	309	.088	.119	.497	-.254	190	359	.049	.113	.435	-.321
190	229	.046	.110	.370	-.372	190	310	-.016	.120	.405	-.423	190	360	.057	.109	.415	-.421
190	230	.052	.112	.475	-.307	190	311	-.002	.113	.459	-.439	190	361	.065	.111	.445	-.279
190	231	.051	.107	.363	-.292	190	312	-.013	.115	.317	-.414	190	362	.064	.111	.495	-.292
190	232	.047	.108	.446	-.250	190	313	.092	.148	.858	-.351	190	363	.053	.109	.408	-.313
190	233	.046	.115	.465	-.343	190	314	.045	.115	.471	-.332	190	364	.062	.103	.429	-.327
190	234	.045	.108	.422	-.289	190	315	-.042	.183	.487	-.900	190	365	.061	.109	.434	-.296
190	235	.041	.112	.398	-.355	190	316	.040	.157	.585	-.734	190	366	.063	.101	.408	-.282
190	236	.043	.108	.434	-.271	190	317	.035	.140	.476	-.463	190	367	.069	.097	.432	-.222
190	237	.045	.110	.497	-.304	190	318	.019	.127	.398	-.553	190	368	.064	.105	.383	-.281
190	238	.046	.112	.385	-.420	190	319	.008	.107	.340	-.341	190	369	.069	.111	.474	-.250
190	239	.050	.117	.465	-.378	190	320	-.018	.162	.647	-.560	190	370	.068	.102	.359	-.255
190	240	.067	.104	.382	-.364	190	321	.007	.168	.538	-.711	190	371	.081	.107	.462	-.279
190	241	.066	.109	.502	-.282	190	322	.043	.126	.519	-.448	190	401	.021	.109	.402	-.321
190	242	.057	.108	.486	-.329	190	323	.018	.113	.355	-.468	190	402	.067	.116	.509	-.288
190	243	.063	.109	.409	-.314	190	324	.002	.117	.348	-.398	190	403	.077	.119	.578	-.348
190	244	.062	.106	.460	-.295	190	325	.011	.159	.519	-.547	190	404	.043	.154	.504	-.541
190	245	.065	.106	.404	-.352	190	326	.009	.154	.534	-.823	190	405	.133	.144	.637	-.329
190	246	.073	.112	.436	-.327	190	327	.040	.116	.410	-.403	190	406	.165	.147	.811	-.401
190	247	.063	.109	.411	-.287	190	328	.004	.117	.427	-.412	190	407	.192	.159	.703	-.314
190	248	.050	.106	.399	-.316	190	329	.011	.104	.305	-.383	190	408	.006	.104	.322	-.370
190	249	.052	.106	.407	-.276	190	330	.015	.161	.455	-.748	190	409	.044	.108	.425	-.326
190	250	.043	.105	.377	-.389	190	331	.038	.141	.458	-.663	190	410	.083	.127	.535	-.359
190	251	.059	.099	.466	-.274	190	332	.038	.132	.484	-.517	190	411	.048	.134	.488	-.460
190	252	.060	.102	.445	-.296	190	333	.002	.110	.371	-.507	190	412	.111	.143	.630	-.294
190	253	.063	.104	.390	-.332	190	334	.024	.110	.378	-.364	190	413	.156	.144	.776	-.286
190	254	.069	.101	.428	-.269	190	335	.009	.131	.599	-.415	190	414	.151	.147	.754	-.302
190	255	.073	.111	.471	-.300	190	336	.022	.125	.430	-.458	190	415	.033	.107	.393	-.338
190	256	.067	.103	.471	-.220	190	337	.036	.112	.433	-.374	190	416	.053	.115	.450	-.317
190	257	.081	.113	.427	-.346	190	338	.002	.110	.400	-.367	190	417	.061	.121	.484	-.414
190	258	.066	.095	.409	-.271	190	339	.015	.114	.361	-.374	190	418	.080	.121	.661	-.367
190	259	.068	.111	.446	-.295	190	340	.018	.118	.413	-.365	190	419	.082	.122	.608	-.348
190	260	.085	.109	.415	-.314	190	341	.018	.100	.513	-.296	190	420	.100	.122	.526	-.310
190	261	.082	.110	.426	-.257	190	342	.027	.112	.339	-.380	190	421	.085	.127	.609	-.302
190	262	.075	.108	.431	-.264	190	343	.034	.104	.374	-.345	190	422	.062	.145	.580	-.477
190	263	.075	.111	.424	-.273	190	344	.021	.108	.404	-.328	190	423	.132	.134	.626	-.299
190	264	.080	.101	.428	-.307	190	345	.032	.103	.378	-.305	190	424	.153	.154	.710	-.291
190	265	.077	.106	.445	-.303	190	346	.030	.102	.339	-.348	190	425	.150	.149	.626	-.506
190	266	.071	.098	.427	-.255	190	347	.042	.103	.383	-.273	190	426	.134	.164	.735	-.298
190	267	.074	.095	.423	-.202	190	348	.042	.120	.440	-.352	190	427	.029	.112	.397	-.312
190	268	.069	.105	.412	-.264	190	349	.048	.103	.383	-.295	190	428	.048	.110	.448	-.330
190	269	.067	.112	.453	-.245	190	350	.045	.107	.376	-.321	190	429	.052	.110	.451	-.319

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	430	.065	.116	.468	-.304	190	480	.062	.111	.476	-.372	190	530	.069	.106	.451	-.358
190	431	.095	.119	.481	-.263	190	481	.072	.118	.497	-.312	190	531	.064	.108	.437	-.291
190	432	.093	.121	.545	-.293	190	482	.068	.112	.454	-.281	190	532	.070	.108	.512	-.293
190	433	.092	.115	.469	-.309	190	483	.057	.123	.494	-.414	190	533	.054	.107	.412	-.288
190	434	.094	.116	.491	-.276	190	484	.030	.135	.416	-.619	190	534	.047	.109	.357	-.309
190	435	.087	.129	.643	-.334	190	485	.002	.140	.452	-.486	190	535	.049	.112	.560	-.326
190	436	.074	.135	.579	-.329	190	486	.020	.131	.498	-.487	190	536	.046	.111	.428	-.350
190	437	.039	.146	.594	-.495	190	487	.047	.114	.436	-.348	190	537	.052	.100	.368	-.297
190	438	.016	.153	.628	-.759	190	488	.067	.113	.412	-.305	190	538	.044	.101	.359	-.281
190	439	.117	.131	.665	-.245	190	489	.097	.118	.623	-.275	190	539	.035	.112	.455	-.393
190	440	.139	.128	.685	-.224	190	490	.123	.122	.554	-.289	190	540	.036	.107	.444	-.318
190	441	.158	.137	.765	-.297	190	491	.129	.130	.674	-.261	190	541	.075	.116	.466	-.362
190	442	.156	.140	.746	-.258	190	492	.127	.136	.762	-.326	190	542	.073	.102	.404	-.304
190	443	.195	.150	.731	-.283	190	493	.039	.113	.471	-.358	190	543	.065	.099	.484	-.233
190	444	.193	.154	.780	-.314	190	494	.046	.109	.453	-.328	190	544	.064	.108	.408	-.302
190	445	.040	.096	.351	-.300	190	495	.067	.107	.453	-.327	190	545	.066	.095	.403	-.296
190	446	.050	.078	.273	-.174	190	496	.068	.112	.447	-.373	190	546	.069	.098	.361	-.253
190	447	.082	.103	.450	-.323	190	497	.065	.109	.408	-.318	190	547	.059	.109	.387	-.268
190	448	.079	.113	.510	-.298	190	498	.062	.109	.462	-.363	190	548	.045	.098	.387	-.312
190	449	.088	.117	.522	-.327	190	499	.058	.115	.448	-.344	190	549	.035	.096	.295	-.289
190	450	.095	.119	.506	-.385	190	500	.043	.128	.465	-.459	190	550	.078	.073	.343	-.127
190	451	.093	.124	.587	-.338	190	501	.018	.117	.416	-.390	190	551	.081	.094	.361	-.264
190	452	.076	.129	.508	-.385	190	502	.020	.136	.543	-.484	190	552	.087	.104	.416	-.256
190	453	.022	.158	.563	-.694	190	503	.043	.108	.401	-.337	190	553	.090	.105	.420	-.300
190	454	.014	.161	.495	-.612	190	504	.062	.107	.426	-.305	190	554	.081	.102	.437	-.250
190	455	.076	.118	.512	-.321	190	505	.065	.111	.501	-.318	190	555	.083	.104	.481	-.290
190	456	.114	.123	.636	-.262	190	506	.084	.117	.430	-.305	190	556	.087	.102	.404	-.311
190	457	.139	.118	.696	-.268	190	507	.087	.117	.493	-.327	190	557	.082	.099	.422	-.244
190	458	.173	.135	.679	-.298	190	508	.078	.123	.519	-.383	190	558	.077	.112	.497	-.308
190	459	.171	.141	.703	-.164	190	509	.050	.105	.437	-.293	190	559	.073	.107	.564	-.260
190	460	.179	.157	.783	-.392	190	510	.055	.113	.430	-.352	190	560	.060	.110	.411	-.348
190	461	.026	.115	.388	-.368	190	511	.065	.111	.421	-.341	190	561	.051	.104	.456	-.293
190	462	.041	.116	.449	-.316	190	512	.066	.110	.468	-.294	190	562	.052	.110	.437	-.308
190	463	.071	.110	.412	-.295	190	513	.064	.105	.366	-.306	190	601	-.040	.114	.342	-.458
190	464	.074	.116	.454	-.290	190	514	.064	.108	.490	-.311	190	602	-.055	.124	.299	-.542
190	465	.082	.118	.519	-.314	190	515	.052	.104	.382	-.270	190	603	-.073	.123	.291	-.531
190	466	.087	.116	.488	-.354	190	516	.050	.106	.380	-.330	190	604	-.019	.120	.360	-.585
190	467	.074	.121	.481	-.413	190	517	.033	.119	.404	-.382	190	605	-.040	.114	.325	-.577
190	468	.047	.141	.609	-.562	190	518	.038	.113	.423	-.432	190	606	-.046	.124	.345	-.501
190	469	.003	.140	.418	-.565	190	519	.039	.111	.365	-.334	190	607	-.055	.114	.299	-.448
190	470	.015	.124	.428	-.372	190	520	.041	.105	.476	-.323	190	608	-.013	.102	.387	-.402
190	471	.059	.121	.443	-.423	190	521	.042	.108	.425	-.293	190	609	-.026	.111	.323	-.583
190	472	.090	.117	.523	-.338	190	522	.041	.109	.411	-.434	190	610	-.044	.127	.353	-.533
190	473	.120	.126	.575	-.276	190	523	.035	.107	.375	-.319	190	611	-.018	.111	.377	-.432
190	474	.145	.125	.546	-.244	190	524	.036	.113	.410	-.361	190	612	-.018	.109	.371	-.329
190	475	.153	.138	.632	-.209	190	525	.064	.104	.436	-.280	190	613	-.006	.116	.397	-.475
190	476	.146	.161	.707	-.362	190	526	.063	.103	.426	-.352	190	614	-.002	.112	.358	-.348
190	477	.032	.111	.404	-.340	190	527	.075	.113	.437	-.280	190	615	-.012	.114	.340	-.391
190	478	.042	.116	.477	-.307	190	528	.070	.107	.411	-.263	190	616	-.014	.115	.507	-.348
190	479	.068	.113	.466	-.298	190	529	.073	.109	.500	-.286	190	617	-.015	.117	.374	-.430

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	618	.011	.106	.320	-.363	190	910	-.066	.126	.478	-.540	200	121	-.026	.111	.351	-.380
190	619	.006	.110	.348	-.360	190	911	-.035	.116	.337	-.490	200	122	-.025	.108	.353	-.471
190	620	.002	.116	.413	-.479	190	912	-.029	.116	.389	-.335	200	123	-.012	.113	.364	-.395
190	621	.011	.109	.386	-.375	190	913	-.000	.109	.378	-.359	200	124	-.010	.116	.396	-.418
190	622	.026	.104	.379	-.330	190	914	-.024	.114	.436	-.337	200	125	-.015	.118	.370	-.372
190	623	.014	.114	.360	-.483	190	915	.019	.107	.358	-.338	200	126	-.013	.115	.403	-.382
190	624	.000	.109	.313	-.439	190	916	.037	.121	.514	-.356	200	127	-.016	.118	.406	-.450
190	625	.007	.111	.437	-.345	190	917	.067	.121	.454	-.352	200	128	-.025	.115	.332	-.696
190	626	.026	.112	.363	-.359	190	918	.053	.130	.464	-.383	200	129	-.023	.119	.356	-.364
190	627	.029	.117	.498	-.398	190	919	-.005	.109	.415	-.355	200	130	-.015	.118	.386	-.421
190	628	.021	.106	.362	-.358	190	920	.009	.125	.554	-.438	200	131	-.017	.128	.403	-.396
190	629	.010	.119	.391	-.409	190	921	-.024	.104	.332	-.389	200	132	-.009	.111	.357	-.532
190	630	.014	.107	.334	-.349	190	922	.011	.113	.380	-.372	200	133	-.024	.115	.369	-.479
190	631	.040	.107	.426	-.326	190	923	.010	.106	.390	-.371	200	134	-.039	.131	.368	-.855
190	632	.035	.112	.419	-.336	190	924	.033	.109	.393	-.451	200	135	-.045	.134	.448	-.920
190	633	.032	.112	.424	-.480	190	925	.042	.109	.435	-.285	200	136	-.034	.124	.324	-.723
190	634	.023	.117	.403	-.422	190	926	.039	.108	.374	-.313	200	137	-.022	.118	.321	-.434
190	635	.027	.116	.425	-.462	190	927	.042	.109	.380	-.311	200	138	-.022	.112	.405	-.359
190	636	.055	.102	.393	-.325	190	928	.054	.100	.404	-.346	200	139	-.015	.115	.377	-.428
190	637	.054	.112	.424	-.323	190	929	.053	.108	.423	-.309	200	140	-.016	.112	.358	-.453
190	638	.045	.111	.370	-.314	190	930	.046	.105	.409	-.312	200	141	-.009	.123	.423	-.444
190	639	.040	.107	.459	-.322	190	931	.037	.097	.403	-.247	200	142	-.011	.107	.336	-.294
190	640	.040	.103	.362	-.307	190	932	.042	.103	.380	-.304	200	143	-.010	.120	.359	-.406
190	641	.069	.105	.504	-.293	190	933	.048	.105	.426	-.224	200	144	-.013	.118	.377	-.366
190	642	.066	.102	.425	-.246	190	934	.032	.104	.332	-.303	200	145	-.008	.125	.427	-.378
190	643	.064	.101	.388	-.274	190	935	.043	.107	.380	-.317	200	146	-.000	.111	.349	-.363
190	644	.061	.114	.384	-.425	190	936	.041	.104	.413	-.295	200	147	-.001	.111	.352	-.328
190	645	.057	.109	.424	-.424	190	937	.019	.122	.432	-.428	200	148	-.001	.111	.402	-.345
190	646	.064	.106	.477	-.256	190	938	.101	.150	.738	-.341	200	149	-.004	.110	.373	-.360
190	647	.066	.094	.362	-.219	190	939	.100	.132	.836	-.393	200	150	-.008	.114	.349	-.385
190	648	.055	.114	.483	-.358	200	101	-.039	.132	.398	-.500	200	151	-.006	.111	.421	-.373
190	649	.068	.102	.412	-.301	200	102	-.020	.116	.439	-.421	200	152	-.039	.117	.302	-.609
190	650	.069	.104	.525	-.268	200	103	-.000	.119	.471	-.335	200	153	-.034	.099	.265	-.351
190	651	.058	.107	.415	-.279	200	104	-.025	.116	.348	-.397	200	154	-.026	.101	.314	-.342
190	801	.051	.095	.390	-.299	200	105	-.030	.122	.367	-.584	200	155	-.021	.115	.365	-.360
190	802	.041	.097	.356	-.288	200	106	-.022	.111	.346	-.417	200	156	-.030	.114	.376	-.407
190	803	.055	.109	.387	-.275	200	107	-.025	.115	.418	-.402	200	157	-.025	.118	.425	-.378
190	804	.062	.103	.417	-.330	200	108	-.036	.123	.327	-.600	200	158	-.024	.116	.299	-.541
190	805	.066	.107	.411	-.317	200	109	-.023	.116	.360	-.499	200	159	-.004	.111	.321	-.507
190	806	.064	.105	.466	-.263	200	110	-.020	.124	.412	-.403	200	160	-.015	.127	.424	-.416
190	807	.065	.101	.350	-.320	200	111	-.018	.121	.419	-.495	200	161	-.003	.116	.404	-.433
190	901	.032	.135	.745	-.407	200	112	-.029	.120	.374	-.450	200	162	-.001	.115	.356	-.345
190	902	.012	.118	.480	-.496	200	113	-.025	.112	.328	-.431	200	163	-.006	.107	.327	-.359
190	903	.082	.133	.497	-.455	200	114	-.046	.121	.477	-.528	200	164	-.009	.116	.412	-.434
190	904	.026	.106	.435	-.366	200	115	-.037	.113	.360	-.402	200	165	-.005	.112	.401	-.457
190	905	.034	.114	.477	-.328	200	116	-.042	.117	.390	-.550	200	166	-.005	.117	.370	-.384
190	906	.007	.111	.348	-.428	200	117	-.023	.115	.305	-.467	200	167	-.001	.116	.401	-.419
190	907	.021	.125	.446	-.370	200	118	-.023	.114	.341	-.385	200	168	-.042	.122	.341	-.466
190	908	.005	.109	.396	-.358	200	119	-.021	.124	.348	-.506	200	169	-.046	.115	.338	-.537
190	909	.030	.110	.377	-.388	200	120	-.020	.113	.311	-.566	200	170	-.040	.113	.371	-.375

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	171	-.031	.114	.348	-.547	200	221	.015	.106	.387	-.341	200	302	-.066	.135	.454	-.574
200	172	-.026	.122	.326	-.461	200	222	.025	.104	.399	-.328	200	303	-.065	.137	.346	-.669
200	173	-.021	.112	.341	-.377	200	223	.034	.116	.450	-.346	200	304	-.049	.141	.385	-.674
200	174	-.013	.110	.345	-.422	200	224	.036	.111	.445	-.356	200	305	-.046	.118	.404	-.666
200	175	-.012	.105	.412	-.360	200	225	.023	.115	.404	-.395	200	306	-.030	.130	.444	-.475
200	176	-.015	.106	.389	-.362	200	226	.023	.120	.477	-.600	200	307	-.018	.154	.560	-.530
200	177	-.003	.116	.403	-.493	200	227	.023	.120	.439	-.418	200	308	.030	.146	.599	-.482
200	178	.000	.112	.394	-.428	200	228	.022	.113	.373	-.462	200	309	.010	.104	.421	-.347
200	179	.004	.117	.388	-.387	200	229	.031	.112	.358	-.381	200	310	-.031	.117	.358	-.442
200	180	.007	.118	.415	-.434	200	230	.026	.119	.396	-.393	200	311	-.029	.118	.369	-.489
200	181	.005	.120	.418	-.419	200	231	.032	.119	.431	-.405	200	312	-.021	.122	.376	-.399
200	182	.001	.113	.404	-.484	200	232	.000	.118	.350	-.473	200	313	.005	.126	.583	-.399
200	183	-.001	.116	.365	-.413	200	233	.003	.127	.436	-.457	200	314	.006	.119	.423	-.373
200	184	-.049	.123	.350	-.486	200	234	.002	.109	.330	-.289	200	315	-.082	.166	.386	-.960
200	185	-.039	.124	.409	-.505	200	235	.002	.123	.396	-.467	200	316	-.054	.144	.393	-.680
200	186	.032	.121	.373	-.449	200	236	.002	.118	.402	-.413	200	317	-.041	.143	.393	-.721
200	187	.031	.130	.442	-.504	200	237	.021	.119	.434	-.350	200	318	-.045	.139	.379	-.821
200	188	.019	.112	.330	-.393	200	238	.028	.113	.389	-.364	200	319	-.038	.129	.452	-.855
200	189	.011	.123	.386	-.427	200	239	.032	.115	.353	-.347	200	320	-.084	.153	.405	-.680
200	190	.001	.118	.368	-.403	200	240	.040	.113	.445	-.328	200	321	-.073	.145	.334	-.668
200	191	.008	.121	.422	-.368	200	241	.040	.113	.444	-.364	200	322	-.048	.144	.331	-.642
200	192	.011	.111	.364	-.354	200	242	.043	.116	.390	-.338	200	323	-.028	.127	.399	-.551
200	193	.007	.113	.326	-.351	200	243	.038	.111	.471	-.313	200	324	-.031	.118	.374	-.498
200	194	.001	.110	.386	-.332	200	244	.043	.111	.435	-.346	200	325	-.060	.141	.379	-.690
200	195	.005	.111	.362	-.400	200	245	.033	.119	.444	-.448	200	326	-.062	.140	.359	-.705
200	196	.011	.117	.358	-.374	200	246	.033	.109	.545	-.276	200	327	-.052	.138	.379	-.665
200	197	.013	.112	.454	-.347	200	247	.033	.115	.386	-.301	200	328	-.046	.117	.286	-.491
200	198	.013	.114	.422	-.410	200	248	.017	.104	.357	-.301	200	329	-.032	.119	.333	-.446
200	199	.009	.121	.386	-.454	200	249	.013	.102	.360	-.283	200	330	-.062	.147	.473	-.673
200	200	.045	.114	.379	-.484	200	250	.021	.107	.355	-.360	200	331	-.053	.142	.402	-.783
200	201	.031	.124	.386	-.440	200	251	.038	.111	.371	-.312	200	332	-.033	.132	.318	-.612
200	202	.034	.118	.350	-.411	200	252	.040	.109	.398	-.348	200	333	-.044	.119	.337	-.521
200	203	.021	.120	.379	-.377	200	253	.020	.107	.395	-.491	200	334	-.047	.132	.380	-.831
200	204	.012	.112	.325	-.402	200	254	.033	.108	.408	-.349	200	335	-.065	.133	.361	-.820
200	205	.010	.112	.330	-.439	200	255	.044	.106	.416	-.427	200	336	-.056	.132	.331	-.499
200	206	.011	.123	.425	-.358	200	256	.041	.106	.398	-.293	200	337	-.044	.133	.356	-.543
200	207	.026	.114	.429	-.383	200	257	.040	.118	.456	-.388	200	338	-.038	.126	.404	-.614
200	208	.024	.110	.374	-.353	200	258	.032	.112	.439	-.524	200	339	-.043	.118	.333	-.597
200	209	.016	.105	.352	-.362	200	259	.035	.108	.391	-.414	200	340	-.048	.129	.351	-.737
200	210	.013	.119	.428	-.402	200	260	.034	.111	.508	-.364	200	341	-.035	.117	.300	-.602
200	211	.012	.109	.396	-.340	200	261	.035	.117	.528	-.349	200	342	-.038	.134	.376	-.547
200	212	.011	.119	.402	-.380	200	262	.046	.106	.405	-.342	200	343	-.025	.123	.334	-.686
200	213	.026	.111	.402	-.343	200	263	.049	.109	.449	-.290	200	344	-.029	.121	.351	-.674
200	214	.021	.114	.392	-.347	200	264	.046	.110	.482	-.424	200	345	-.029	.116	.362	-.509
200	215	.015	.110	.385	-.399	200	265	.037	.107	.362	-.329	200	346	-.035	.123	.359	-.717
200	216	.035	.122	.374	-.454	200	266	.040	.107	.388	-.316	200	347	-.024	.127	.395	-.561
200	217	.024	.114	.310	-.444	200	267	.032	.107	.377	-.374	200	348	-.008	.128	.371	-.664
200	218	.015	.123	.371	-.509	200	268	.036	.107	.401	-.347	200	349	-.015	.129	.429	-.578
200	219	.004	.114	.355	-.372	200	269	.041	.106	.367	-.342	200	350	-.002	.118	.359	-.495
200	220	.003	.111	.368	-.435	200	301	.054	.119	.362	-.538	200	351	.013	.116	.366	-.469

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	352	.020	.115	.385	-.419	200	431	.129	.127	.616	-.312	200	481	.135	.119	.520	-.197
200	353	.023	.106	.372	-.434	200	432	.127	.142	.735	-.276	200	482	.133	.118	.576	-.218
200	354	.026	.106	.382	-.348	200	433	.153	.143	.702	-.258	200	483	.134	.123	.676	-.250
200	355	-.025	.120	.401	-.577	200	434	.146	.139	.688	-.295	200	484	.135	.131	.661	-.361
200	356	-.032	.123	.390	-.521	200	435	.146	.136	.690	-.255	200	485	.108	.122	.504	-.280
200	357	-.016	.124	.404	-.454	200	436	.120	.130	.609	-.360	200	486	.114	.133	.631	-.380
200	358	-.003	.124	.448	-.466	200	437	.111	.145	.743	-.299	200	487	.089	.125	.788	-.328
200	359	.011	.113	.384	-.450	200	438	.114	.144	1.034	-.306	200	488	.100	.116	.500	-.377
200	360	.028	.114	.489	-.368	200	439	.120	.132	.619	-.264	200	489	.090	.127	.520	-.298
200	361	.033	.117	.512	-.381	200	440	.127	.133	.596	-.303	200	490	.087	.114	.550	-.293
200	362	.032	.108	.403	-.381	200	441	.120	.142	.830	-.303	200	491	.060	.116	.446	-.305
200	363	-.002	.119	.432	-.485	200	442	.120	.140	.701	-.323	200	492	.041	.120	.497	-.344
200	364	-.007	.111	.441	-.435	200	443	.098	.136	.575	-.298	200	493	.024	.119	.425	-.396
200	365	.000	.114	.349	-.447	200	444	.092	.133	.634	-.367	200	494	.051	.128	.472	-.407
200	366	.005	.115	.376	-.534	200	445	.025	.101	.384	-.305	200	495	.086	.122	.583	-.300
200	367	.016	.112	.394	-.392	200	446	.054	.087	.293	-.241	200	496	.090	.111	.506	-.334
200	368	.025	.111	.362	-.403	200	447	.108	.117	.490	-.224	200	497	.105	.120	.532	-.328
200	369	.034	.108	.318	-.339	200	448	.129	.134	.677	-.347	200	498	.102	.112	.476	-.264
200	370	.035	.109	.439	-.346	200	449	.139	.136	.622	-.272	200	499	.101	.118	.529	-.281
200	371	.033	.115	.506	-.349	200	450	.149	.136	.700	-.282	200	500	.121	.128	.546	-.288
200	401	.052	.117	.471	-.369	200	451	.153	.141	.805	-.367	200	501	.097	.125	.569	-.311
200	402	.117	.127	.639	-.379	200	452	.154	.137	.609	-.260	200	502	.094	.127	.506	-.290
200	403	.137	.146	.646	-.318	200	453	.137	.141	.696	-.526	200	503	.070	.122	.541	-.360
200	404	.171	.162	.727	-.406	200	454	.144	.147	.720	-.341	200	504	.081	.112	.599	-.266
200	405	.169	.149	.728	-.307	200	455	.128	.135	.684	-.214	200	505	.074	.112	.486	-.311
200	406	.149	.139	.699	-.279	200	456	.123	.133	.616	-.420	200	506	.068	.117	.479	-.298
200	407	.127	.138	.681	-.231	200	457	.137	.136	.537	-.386	200	507	.047	.106	.492	-.351
200	408	-.013	.117	.386	-.506	200	458	.130	.125	.565	-.312	200	508	.026	.118	.372	-.448
200	409	.048	.124	.510	-.401	200	459	.098	.126	.612	-.328	200	509	.036	.113	.412	-.376
200	410	.064	.131	.465	-.349	200	460	.061	.137	.637	-.422	200	510	.047	.113	.479	-.338
200	411	.079	.135	.569	-.371	200	461	.016	.107	.384	-.427	200	511	.084	.113	.419	-.313
200	412	.107	.163	.760	-.403	200	462	.050	.118	.451	-.443	200	512	.085	.116	.456	-.273
200	413	.110	.145	.589	-.421	200	463	.097	.120	.484	-.371	200	513	.100	.110	.535	-.297
200	414	.106	.148	.629	-.362	200	464	.109	.121	.559	-.263	200	514	.092	.114	.461	-.294
200	415	.048	.111	.375	-.332	200	465	.132	.126	.631	-.337	200	515	.113	.119	.465	-.314
200	416	.068	.117	.390	-.425	200	466	.156	.135	.654	-.201	200	516	.083	.121	.479	-.346
200	417	.079	.114	.469	-.326	200	467	.146	.127	.593	-.246	200	517	.102	.128	.472	-.316
200	418	.101	.132	.582	-.305	200	468	.138	.128	.634	-.233	200	518	.074	.109	.424	-.300
200	419	.120	.134	.593	-.392	200	469	.144	.139	.713	-.305	200	519	.063	.111	.501	-.300
200	420	.116	.130	.595	-.311	200	470	.119	.144	.810	-.504	200	520	.069	.112	.466	-.277
200	421	.125	.144	.647	-.432	200	471	.122	.138	.723	-.373	200	521	.058	.123	.526	-.328
200	422	.117	.137	.604	-.360	200	472	.114	.121	.505	-.230	200	522	.056	.110	.482	-.420
200	423	.129	.144	.589	-.294	200	473	.117	.117	.559	-.246	200	523	.036	.107	.421	-.378
200	424	.144	.158	.743	-.362	200	474	.107	.119	.524	-.309	200	524	.016	.120	.359	-.374
200	425	.141	.148	.850	-.296	200	475	.070	.131	.602	-.407	200	525	.044	.108	.418	-.327
200	426	.105	.139	.889	-.529	200	476	.046	.120	.469	-.435	200	526	.059	.110	.425	-.290
200	427	.024	.108	.514	-.363	200	477	.016	.113	.429	-.365	200	527	.103	.109	.559	-.229
200	428	.049	.116	.473	-.401	200	478	.050	.123	.449	-.329	200	528	.096	.102	.489	-.244
200	429	.062	.127	.464	-.337	200	479	.091	.125	.709	-.289	200	529	.100	.110	.434	-.241
200	430	.094	.119	.571	-.313	200	480	.098	.118	.523	-.305	200	530	.103	.117	.531	-.270

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	531	.087	.114	.475	-.231	200	619	-.050	.139	.333	-.621	200	911	-.039	.120	.411	-.434
200	532	.089	.115	.518	-.350	200	620	-.044	.126	.390	-.585	200	912	-.016	.118	.463	-.429
200	533	.072	.117	.498	-.287	200	621	-.007	.137	.444	-.710	200	913	-.016	.117	.370	-.463
200	534	.066	.111	.469	-.390	200	622	-.001	.120	.493	-.398	200	914	.003	.113	.347	-.357
200	535	.044	.119	.416	-.320	200	623	-.020	.111	.358	-.426	200	915	.001	.103	.401	-.371
200	536	.057	.108	.468	-.338	200	624	-.042	.131	.381	-.568	200	916	.021	.119	.447	-.408
200	537	.056	.107	.468	-.304	200	625	-.036	.120	.319	-.613	200	917	.014	.133	.511	-.479
200	538	.050	.109	.448	-.306	200	626	-.003	.122	.367	-.490	200	918	.059	.135	.503	-.438
200	539	.034	.113	.408	-.405	200	627	-.005	.115	.323	-.524	200	919	-.003	.114	.404	-.415
200	540	.023	.125	.425	-.454	200	628	-.008	.119	.364	-.466	200	920	-.033	.123	.384	-.567
200	541	.099	.112	.513	-.346	200	629	-.036	.129	.309	-.548	200	921	-.028	.118	.431	-.405
200	542	.084	.109	.430	-.276	200	630	-.040	.133	.395	-.611	200	922	-.005	.110	.346	-.445
200	543	.077	.114	.419	-.252	200	631	-.015	.120	.415	-.636	200	923	-.006	.113	.355	-.368
200	544	.063	.114	.477	-.323	200	632	-.019	.113	.399	-.417	200	924	-.009	.113	.479	-.385
200	545	.063	.117	.480	-.282	200	633	-.005	.129	.517	-.551	200	925	-.002	.115	.483	-.381
200	546	.067	.114	.541	-.325	200	634	-.018	.117	.391	-.517	200	926	.011	.106	.394	-.364
200	547	.046	.110	.439	-.379	200	635	-.013	.126	.343	-.477	200	927	.012	.109	.446	-.314
200	548	.026	.103	.399	-.318	200	636	-.033	.112	.405	-.373	200	928	.018	.103	.446	-.407
200	549	.012	.102	.344	-.325	200	637	.024	.114	.436	-.483	200	929	.022	.107	.363	-.383
200	550	.090	.089	.356	-.185	200	638	.022	.117	.382	-.499	200	930	.014	.109	.383	-.338
200	551	.094	.111	.622	-.240	200	639	.000	.116	.364	-.431	200	931	-.004	.109	.380	-.395
200	552	.122	.108	.538	-.232	200	640	-.003	.124	.477	-.514	200	932	.002	.106	.380	-.343
200	553	.117	.105	.505	-.216	200	641	.038	.113	.411	-.350	200	933	.009	.105	.282	-.377
200	554	.120	.110	.469	-.215	200	642	.039	.114	.362	-.434	200	934	-.006	.110	.432	-.385
200	555	.125	.119	.530	-.306	200	643	.035	.117	.418	-.368	200	935	.005	.116	.480	-.373
200	556	.130	.113	.583	-.263	200	644	.014	.123	.368	-.432	200	936	.008	.123	.370	-.515
200	557	.129	.116	.503	-.305	200	645	.018	.115	.404	-.424	200	937	.002	.129	.463	-.470
200	558	.109	.116	.543	-.230	200	646	.040	.113	.512	-.359	200	938	.024	.141	.632	-.486
200	559	.107	.112	.590	-.286	200	647	.027	.112	.367	-.421	200	939	.007	.172	.704	-.737
200	560	.069	.117	.639	-.376	200	648	.021	.117	.387	-.416	210	101	-.046	.112	.389	-.405
200	561	.022	.116	.446	-.415	200	649	.036	.109	.376	-.342	210	102	-.033	.113	.303	-.385
200	562	.031	.105	.379	-.359	200	650	.039	.122	.433	-.306	210	103	-.032	.115	.379	-.431
200	601	-.033	.125	.510	-.572	200	651	.014	.125	.452	-.851	210	104	-.039	.115	.312	-.426
200	602	-.073	.137	.450	-.662	200	801	-.002	.116	.385	-.366	210	105	-.055	.113	.335	-.435
200	603	-.116	.150	.382	-.757	200	802	-.008	.126	.519	-.455	210	106	-.043	.114	.305	-.392
200	604	-.036	.119	.390	-.418	200	803	.049	.111	.457	-.391	210	107	-.052	.114	.294	-.467
200	605	-.054	.123	.412	-.538	200	804	.063	.108	.458	-.271	210	108	-.069	.127	.349	-.551
200	606	-.075	.133	.326	-.591	200	805	.030	.112	.389	-.416	210	109	-.060	.110	.297	-.464
200	607	-.101	.137	.297	-.751	200	806	.036	.118	.440	-.416	210	110	-.064	.129	.411	-.529
200	608	-.024	.111	.350	-.441	200	807	.034	.112	.456	-.395	210	111	-.052	.116	.343	-.440
200	609	-.029	.108	.324	-.398	200	901	-.015	.147	.482	-.564	210	112	-.055	.110	.366	-.470
200	610	-.060	.116	.241	-.494	200	902	-.013	.119	.448	-.476	210	113	-.052	.119	.433	-.466
200	611	.006	.118	.444	-.379	200	903	-.005	.158	.542	-.602	210	114	-.074	.121	.336	-.633
200	612	.002	.118	.390	-.408	200	904	-.003	.124	.517	-.414	210	115	-.067	.120	.362	-.537
200	613	-.026	.122	.471	-.467	200	905	-.008	.118	.339	-.394	210	116	-.084	.121	.349	-.633
200	614	-.040	.126	.396	-.442	200	906	-.022	.115	.329	-.417	210	117	-.038	.120	.340	-.461
200	615	-.068	.128	.270	-.689	200	907	-.015	.138	.421	-.470	210	118	-.027	.115	.368	-.418
200	616	-.010	.124	.386	-.566	200	908	-.012	.117	.431	-.463	210	119	-.038	.119	.329	-.421
200	617	-.008	.111	.365	-.390	200	909	.006	.116	.368	-.454	210	120	-.041	.120	.301	-.456
200	618	-.027	.118	.357	-.500	200	910	-.076	.138	.417	-.684	210	121	-.047	.114	.376	-.552

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	122	-.054	.123	.343	-.555	210	172	-.049	.117	.339	-.419	210	222	-.025	.114	.303	-.497
210	123	-.035	.111	.291	-.432	210	173	-.035	.111	.301	-.395	210	223	-.019	.111	.336	-.367
210	124	-.046	.116	.314	-.447	210	174	-.034	.117	.307	-.425	210	224	-.032	.109	.379	-.408
210	125	-.044	.115	.313	-.431	210	175	-.035	.108	.369	-.416	210	225	-.032	.111	.408	-.389
210	126	-.040	.117	.356	-.479	210	176	-.042	.114	.291	-.459	210	226	-.033	.118	.362	-.392
210	127	-.060	.118	.384	-.471	210	177	-.033	.111	.336	-.380	210	227	-.040	.128	.374	-.514
210	128	-.085	.127	.363	-.483	210	178	-.036	.111	.414	-.378	210	228	-.033	.117	.348	-.471
210	129	-.064	.120	.385	-.473	210	179	-.038	.110	.321	-.426	210	229	-.039	.126	.397	-.466
210	130	-.046	.115	.321	-.411	210	180	-.027	.115	.360	-.392	210	230	-.038	.117	.307	-.447
210	131	-.060	.129	.366	-.573	210	181	-.036	.126	.409	-.470	210	231	-.035	.122	.388	-.431
210	132	-.058	.113	.320	-.432	210	182	-.037	.114	.364	-.480	210	232	-.055	.120	.276	-.514
210	133	-.057	.112	.310	-.552	210	183	-.043	.131	.441	-.547	210	233	-.063	.122	.287	-.438
210	134	-.044	.118	.360	-.463	210	184	-.055	.115	.310	-.461	210	234	-.047	.109	.343	-.382
210	135	-.050	.130	.410	-.530	210	185	-.047	.125	.375	-.435	210	235	-.047	.112	.376	-.371
210	136	-.037	.111	.286	-.411	210	186	-.043	.116	.319	-.440	210	236	-.039	.116	.322	-.499
210	137	-.035	.124	.383	-.520	210	187	-.049	.118	.301	-.399	210	237	-.036	.109	.306	-.413
210	138	-.032	.109	.329	-.391	210	188	-.038	.111	.372	-.417	210	238	-.026	.121	.325	-.426
210	139	-.033	.118	.392	-.411	210	189	-.034	.111	.358	-.357	210	239	-.025	.112	.477	-.471
210	140	-.039	.116	.301	-.454	210	190	-.027	.117	.343	-.428	210	240	-.043	.109	.357	-.438
210	141	-.045	.114	.301	-.392	210	191	-.024	.109	.307	-.405	210	241	-.030	.113	.349	-.454
210	142	-.040	.110	.382	-.438	210	192	-.027	.118	.322	-.386	210	242	-.048	.118	.281	-.486
210	143	-.042	.110	.335	-.398	210	193	-.030	.111	.489	-.450	210	243	-.035	.120	.474	-.445
210	144	-.038	.116	.353	-.439	210	194	-.043	.111	.390	-.438	210	244	-.037	.116	.362	-.429
210	145	-.046	.111	.310	-.427	210	195	-.032	.113	.342	-.455	210	245	-.034	.121	.410	-.555
210	146	-.035	.118	.319	-.423	210	196	-.037	.114	.304	-.417	210	246	-.028	.115	.365	-.496
210	147	-.033	.107	.445	-.417	210	197	-.028	.120	.468	-.485	210	247	-.035	.125	.373	-.417
210	148	-.040	.111	.369	-.429	210	198	-.036	.112	.345	-.389	210	248	-.021	.114	.354	-.426
210	149	-.025	.107	.325	-.416	210	199	-.034	.124	.437	-.720	210	249	-.013	.115	.318	-.390
210	150	-.035	.109	.294	-.435	210	200	-.059	.116	.312	-.526	210	250	-.033	.102	.297	-.482
210	151	-.028	.116	.413	-.391	210	201	-.052	.123	.309	-.452	210	251	-.018	.114	.430	-.373
210	152	-.046	.109	.322	-.422	210	202	-.048	.124	.324	-.440	210	252	-.033	.114	.332	-.379
210	153	-.038	.099	.304	-.367	210	203	-.045	.110	.383	-.365	210	253	-.014	.109	.397	-.426
210	154	-.034	.103	.358	-.432	210	204	-.034	.109	.339	-.419	210	254	-.005	.103	.330	-.502
210	155	-.034	.118	.303	-.398	210	205	-.026	.108	.357	-.371	210	255	-.011	.112	.392	-.405
210	156	-.036	.121	.348	-.408	210	206	-.017	.119	.403	-.453	210	256	-.028	.110	.308	-.509
210	157	-.039	.108	.431	-.395	210	207	-.016	.109	.312	-.344	210	257	-.028	.113	.347	-.410
210	158	-.039	.108	.327	-.419	210	208	-.028	.114	.389	-.388	210	258	-.030	.099	.276	-.361
210	159	-.037	.109	.345	-.398	210	209	-.036	.123	.403	-.394	210	259	-.028	.112	.367	-.437
210	160	-.035	.120	.370	-.470	210	210	-.041	.122	.411	-.502	210	260	-.009	.106	.424	-.309
210	161	-.031	.110	.310	-.355	210	211	-.042	.126	.361	-.512	210	261	-.007	.107	.347	-.396
210	162	-.040	.114	.364	-.432	210	212	-.043	.122	.327	-.530	210	262	-.002	.121	.421	-.362
210	163	-.046	.120	.367	-.396	210	213	-.034	.117	.361	-.420	210	263	-.027	.102	.305	-.368
210	164	-.048	.114	.411	-.449	210	214	-.026	.114	.333	-.471	210	264	-.025	.115	.343	-.419
210	165	-.035	.116	.403	-.506	210	215	-.031	.127	.352	-.471	210	265	-.026	.105	.376	-.422
210	166	-.037	.115	.351	-.431	210	216	-.050	.116	.339	-.460	210	266	-.021	.108	.276	-.373
210	167	-.038	.116	.325	-.560	210	217	-.064	.120	.294	-.489	210	267	-.020	.109	.361	-.407
210	168	-.040	.114	.328	-.435	210	218	-.058	.120	.325	-.480	210	268	-.021	.112	.372	-.361
210	169	-.049	.127	.297	-.608	210	219	-.045	.114	.337	-.471	210	269	-.024	.116	.369	-.488
210	170	-.038	.113	.351	-.477	210	220	-.034	.118	.315	-.487	210	301	-.074	.116	.275	-.561
210	171	-.050	.116	.291	-.422	210	221	-.025	.107	.346	-.399	210	302	-.082	.117	.326	-.507

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	303	-.088	.121	.343	-.578	210	353	-.037	.110	.346	-.449	210	432	.124	.127	.631	-.326
210	304	-.080	.125	.368	-.580	210	354	-.023	.100	.299	-.385	210	433	.167	.123	.581	-.222
210	305	-.071	.114	.251	-.537	210	355	-.056	.115	.306	-.420	210	434	.162	.134	.630	-.211
210	306	-.071	.126	.339	-.548	210	356	-.051	.118	.342	-.488	210	435	.150	.136	.686	-.329
210	307	-.077	.121	.322	-.521	210	357	-.045	.118	.295	-.484	210	436	.126	.137	.639	-.318
210	308	-.014	.128	.477	-.454	210	358	-.047	.107	.281	-.423	210	437	.124	.136	.608	-.392
210	309	-.021	.108	.316	-.392	210	359	-.062	.119	.376	-.531	210	438	.145	.140	.737	-.535
210	310	-.043	.110	.314	-.488	210	360	-.037	.114	.346	-.503	210	439	.141	.143	.707	-.503
210	311	-.043	.118	.340	-.437	210	361	-.020	.106	.364	-.378	210	440	.147	.142	.669	-.280
210	312	-.031	.112	.376	-.450	210	362	-.010	.124	.462	-.413	210	441	.114	.134	.561	-.302
210	313	-.057	.129	.385	-.488	210	363	-.041	.110	.429	-.411	210	442	.105	.132	.652	-.310
210	314	-.016	.114	.384	-.361	210	364	-.040	.119	.332	-.524	210	443	.094	.124	.601	-.322
210	315	-.051	.118	.327	-.592	210	365	-.029	.112	.417	-.432	210	444	.075	.120	.612	-.325
210	316	-.048	.131	.324	-.622	210	366	-.033	.112	.288	-.406	210	445	.014	.104	.280	-.329
210	317	-.050	.127	.473	-.756	210	367	-.025	.112	.367	-.445	210	446	.031	.085	.262	-.282
210	318	-.054	.117	.327	-.464	210	368	-.026	.117	.406	-.426	210	447	.104	.108	.460	-.263
210	319	-.055	.119	.471	-.500	210	369	-.027	.118	.384	-.446	210	448	.114	.127	.757	-.271
210	320	-.054	.120	.319	-.696	210	370	-.008	.110	.378	-.352	210	449	.160	.125	.683	-.249
210	321	-.050	.127	.336	-.590	210	371	-.006	.111	.371	-.381	210	450	.149	.133	.624	-.237
210	322	-.055	.123	.345	-.752	210	401	-.039	.114	.488	-.395	210	451	.151	.148	.726	-.327
210	323	-.048	.122	.499	-.467	210	402	.130	.135	.565	-.329	210	452	.189	.128	.805	-.211
210	324	-.051	.117	.382	-.506	210	403	.156	.138	.712	-.313	210	453	.177	.144	.756	-.247
210	325	-.048	.125	.319	-.495	210	404	.174	.148	.702	-.301	210	454	.159	.129	.648	-.250
210	326	-.044	.121	.345	-.402	210	405	.152	.159	.715	-.291	210	455	.149	.147	.742	-.382
210	327	-.053	.119	.336	-.536	210	406	.147	.136	.642	-.264	210	456	.160	.144	.641	-.291
210	328	-.050	.111	.314	-.448	210	407	.116	.132	.668	-.440	210	457	.146	.130	.764	-.250
210	329	-.052	.111	.333	-.429	210	408	.045	.113	.335	-.527	210	458	.117	.122	.603	-.221
210	330	-.047	.124	.385	-.480	210	409	.028	.117	.408	-.393	210	459	.082	.123	.500	-.405
210	331	-.043	.114	.308	-.397	210	410	.069	.138	.495	-.394	210	460	.038	.107	.374	-.341
210	332	-.048	.116	.357	-.414	210	411	.062	.140	.534	-.374	210	461	.025	.128	.444	-.483
210	333	-.057	.120	.341	-.558	210	412	.087	.149	.664	-.404	210	462	.027	.115	.414	-.285
210	334	-.064	.115	.414	-.473	210	413	.118	.146	.658	-.425	210	463	.099	.119	.542	-.268
210	335	-.044	.115	.350	-.454	210	414	.089	.138	.618	-.356	210	464	.109	.120	.607	-.253
210	336	-.048	.114	.335	-.426	210	415	.023	.112	.473	-.352	210	465	.151	.117	.556	-.223
210	337	-.051	.119	.333	-.654	210	416	.052	.115	.468	-.275	210	466	.144	.125	.621	-.303
210	338	-.050	.112	.297	-.419	210	417	.060	.126	.560	-.381	210	467	.152	.140	.816	-.250
210	339	-.062	.131	.294	-.898	210	418	.099	.119	.495	-.337	210	468	.174	.140	.718	-.287
210	340	-.041	.111	.345	-.454	210	419	.110	.130	.654	-.290	210	469	.163	.124	.546	-.214
210	341	-.056	.119	.297	-.488	210	420	.101	.120	.573	-.275	210	470	.144	.130	.802	-.216
210	342	-.061	.121	.333	-.507	210	421	.127	.133	.734	-.287	210	471	.139	.134	.569	-.344
210	343	-.054	.114	.336	-.476	210	422	.143	.146	.653	-.313	210	472	.126	.125	.558	-.267
210	344	-.052	.118	.314	-.514	210	423	.132	.159	.733	-.583	210	473	.113	.132	.676	-.274
210	345	-.054	.115	.339	-.491	210	424	.128	.136	.641	-.285	210	474	.096	.119	.534	-.287
210	346	-.058	.120	.311	-.519	210	425	.119	.152	.704	-.341	210	475	.062	.114	.420	-.400
210	347	-.049	.111	.295	-.385	210	426	.075	.133	.591	-.282	210	476	.032	.116	.471	-.312
210	348	-.053	.119	.388	-.508	210	427	.010	.121	.387	-.446	210	477	.029	.109	.369	-.506
210	349	-.051	.112	.308	-.460	210	428	.023	.112	.431	-.362	210	478	.014	.109	.407	-.350
210	350	-.080	.113	.286	-.551	210	429	.050	.114	.484	-.313	210	479	.084	.107	.485	-.259
210	351	-.048	.119	.346	-.467	210	430	.090	.128	.561	-.295	210	480	.088	.114	.580	-.271
210	352	-.053	.113	.279	-.384	210	431	.135	.132	.767	-.313	210	481	.107	.110	.517	-.302

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	482	.122	.116	.545	-.243	210	532	.092	.111	.494	-.247	210	620	-.116	.137	.269	-.866
210	483	.148	.129	.653	-.190	210	533	.073	.116	.474	-.311	210	621	-.046	.123	.396	-.637
210	484	.141	.120	.597	-.235	210	534	.057	.124	.579	-.331	210	622	-.056	.125	.370	-.530
210	485	.137	.129	.726	-.325	210	535	.046	.112	.420	-.376	210	623	-.069	.125	.301	-.588
210	486	.128	.131	.714	-.240	210	536	.054	.109	.504	-.350	210	624	-.077	.117	.359	-.595
210	487	.098	.130	.628	-.325	210	537	.049	.111	.388	-.339	210	625	-.098	.116	.258	-.500
210	488	.101	.130	.542	-.303	210	538	.037	.107	.380	-.386	210	626	-.045	.126	.319	-.633
210	489	.101	.118	.492	-.346	210	539	.009	.103	.351	-.304	210	627	-.043	.112	.331	-.527
210	490	.086	.112	.516	-.236	210	540	-.002	.110	.381	-.400	210	628	-.079	.133	.330	-.804
210	491	.054	.113	.530	-.305	210	541	.111	.116	.505	-.381	210	629	-.092	.145	.326	-.584
210	492	.025	.108	.382	-.384	210	542	.082	.105	.550	-.249	210	630	-.090	.130	.352	-.673
210	493	.020	.114	.357	-.414	210	543	.080	.117	.704	-.283	210	631	-.025	.116	.337	-.460
210	494	.019	.112	.458	-.353	210	544	.046	.109	.417	-.306	210	632	-.030	.121	.385	-.534
210	495	.075	.114	.458	-.324	210	545	.051	.104	.420	-.389	210	633	-.056	.124	.338	-.593
210	496	.074	.114	.441	-.332	210	546	.051	.103	.374	-.369	210	634	-.086	.153	.458	-.841
210	497	.083	.112	.555	-.283	210	547	.032	.102	.369	-.300	210	635	-.063	.128	.305	-.529
210	498	.121	.110	.562	-.253	210	548	.003	.103	.358	-.321	210	636	-.031	.113	.453	-.515
210	499	.136	.132	.622	-.282	210	549	-.008	.099	.321	-.332	210	637	-.027	.112	.302	-.399
210	500	.121	.120	.612	-.264	210	550	.067	.075	.276	-.132	210	638	-.047	.120	.327	-.500
210	501	.134	.131	.587	-.326	210	551	.071	.103	.423	-.296	210	639	-.076	.129	.306	-.613
210	502	.105	.132	.377	-.350	210	552	.105	.102	.432	-.230	210	640	-.050	.121	.320	-.536
210	503	.092	.125	.658	-.282	210	553	.123	.100	.440	-.232	210	641	-.018	.113	.306	-.419
210	504	.073	.121	.552	-.290	210	554	.118	.112	.485	-.228	210	642	-.013	.102	.317	-.344
210	505	.074	.119	.484	-.321	210	555	.129	.112	.547	-.202	210	643	-.017	.113	.356	-.480
210	506	.062	.115	.452	-.351	210	556	.138	.114	.536	-.346	210	644	-.066	.135	.371	-.658
210	507	.034	.120	.447	-.410	210	557	.116	.107	.507	-.257	210	645	-.054	.123	.288	-.619
210	508	.016	.107	.348	-.289	210	558	.137	.114	.512	-.277	210	646	-.016	.105	.346	-.377
210	509	.016	.115	.443	-.426	210	559	.117	.107	.469	-.196	210	647	-.039	.104	.265	-.407
210	510	.019	.107	.361	-.335	210	560	.054	.108	.425	-.268	210	648	-.046	.119	.397	-.541
210	511	.072	.106	.436	-.264	210	561	-.007	.108	.403	-.388	210	649	-.033	.113	.289	-.695
210	512	.069	.109	.469	-.364	210	562	.001	.110	.366	-.456	210	650	-.030	.119	.403	-.525
210	513	.084	.115	.545	-.274	210	601	-.063	.116	.304	-.496	210	651	-.053	.121	.300	-.473
210	514	.094	.115	.493	-.340	210	602	-.098	.121	.247	-.539	210	801	-.041	.108	.294	-.460
210	515	.112	.118	.468	-.270	210	603	-.154	.144	.343	-.714	210	802	-.053	.113	.290	-.473
210	516	.092	.114	.506	-.307	210	604	-.067	.110	.304	-.466	210	803	-.032	.102	.358	-.292
210	517	.104	.121	.490	-.260	210	605	-.074	.126	.383	-.527	210	804	-.051	.113	.420	-.321
210	518	.081	.111	.459	-.243	210	606	-.088	.116	.283	-.521	210	805	-.029	.109	.306	-.399
210	519	.061	.120	.486	-.344	210	607	-.148	.132	.198	-.805	210	806	-.030	.109	.305	-.388
210	520	.060	.113	.476	-.296	210	608	-.056	.110	.355	-.457	210	807	-.027	.112	.401	-.400
210	521	.057	.111	.425	-.435	210	609	-.072	.117	.308	-.480	210	901	-.068	.141	.611	-.537
210	522	.049	.114	.440	-.311	210	610	-.130	.124	.307	-.616	210	902	-.059	.114	.341	-.443
210	523	.017	.101	.362	-.311	210	611	-.034	.114	.326	-.425	210	903	-.104	.159	.438	-.634
210	524	.005	.100	.334	-.301	210	612	-.044	.120	.353	-.495	210	904	-.028	.122	.356	-.456
210	525	.001	.102	.318	-.321	210	613	-.062	.126	.334	-.502	210	905	-.059	.119	.334	-.482
210	526	.024	.103	.479	-.276	210	614	-.102	.127	.376	-.558	210	906	-.052	.108	.381	-.518
210	527	.066	.103	.443	-.290	210	615	-.154	.144	.260	-.820	210	907	-.049	.122	.362	-.473
210	528	.071	.103	.402	-.310	210	616	-.035	.114	.299	-.518	210	908	-.059	.115	.309	-.475
210	529	.100	.110	.542	-.250	210	617	-.040	.112	.304	-.477	210	909	-.025	.107	.353	-.389
210	530	.098	.104	.484	-.225	210	618	-.091	.128	.262	-.643	210	910	-.094	.122	.407	-.564
210	531	.095	.110	.433	-.274	210	619	-.115	.140	.275	-.676	210	911	-.054	.123	.337	-.483

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	912	-.036	127	372	-.464	220	123	-.064	112	314	-.413	220	173	-.052	098	268	-.406
210	913	-.057	125	301	-.522	220	124	-.068	112	341	-.486	220	174	-.052	096	251	-.391
210	914	-.036	115	361	-.504	220	125	-.061	101	241	-.429	220	175	-.051	108	336	-.405
210	915	-.039	114	381	-.463	220	126	-.067	105	301	-.390	220	176	-.051	099	316	-.383
210	916	-.016	119	485	-.428	220	127	-.074	112	251	-.425	220	177	-.058	102	270	-.429
210	917	-.033	122	366	-.518	220	128	-.085	112	364	-.585	220	178	-.061	112	333	-.434
210	918	-.026	130	436	-.429	220	129	-.083	116	327	-.451	220	179	-.062	106	281	-.471
210	919	-.033	113	331	-.493	220	130	-.079	108	365	-.436	220	180	-.062	113	300	-.422
210	920	-.063	115	306	-.482	220	131	-.076	118	388	-.553	220	181	-.054	107	344	-.415
210	921	-.050	103	283	-.384	220	132	-.073	112	255	-.471	220	182	-.058	105	264	-.405
210	922	-.038	113	372	-.525	220	133	-.085	106	237	-.474	220	183	-.060	102	247	-.498
210	923	-.052	112	246	-.508	220	134	-.054	109	322	-.420	220	184	-.059	106	268	-.394
210	924	-.060	114	331	-.408	220	135	-.048	106	336	-.395	220	185	-.052	105	345	-.390
210	925	-.046	103	265	-.407	220	136	-.046	099	267	-.387	220	186	-.043	100	274	-.395
210	926	-.030	116	387	-.421	220	137	-.045	098	257	-.364	220	187	-.049	107	368	-.398
210	927	-.027	101	403	-.393	220	138	-.052	103	263	-.386	220	188	-.042	105	288	-.354
210	928	-.019	111	338	-.449	220	139	-.052	105	325	-.415	220	189	-.047	103	275	-.376
210	929	-.023	105	386	-.421	220	140	-.052	097	219	-.408	220	190	-.047	107	295	-.378
210	930	-.025	110	291	-.361	220	141	-.059	107	366	-.412	220	191	-.051	102	277	-.427
210	931	-.040	106	308	-.417	220	142	-.057	103	262	-.363	220	192	-.055	098	345	-.455
210	932	-.050	113	405	-.406	220	143	-.060	102	260	-.376	220	193	-.068	110	288	-.397
210	933	-.066	115	334	-.492	220	144	-.059	107	310	-.427	220	194	-.064	107	285	-.394
210	934	-.056	110	371	-.414	220	145	-.061	101	282	-.420	220	195	-.066	111	313	-.444
210	935	-.067	113	304	-.480	220	146	-.061	097	374	-.446	220	196	-.068	105	343	-.392
210	936	-.064	109	317	-.433	220	147	-.073	109	347	-.450	220	197	-.056	103	303	-.444
210	937	-.040	118	362	-.480	220	148	-.058	103	292	-.387	220	198	-.055	111	285	-.457
210	938	-.045	145	630	-.699	220	149	-.062	108	296	-.426	220	199	-.059	108	312	-.415
210	939	-.070	158	466	-.645	220	150	-.066	102	308	-.434	220	200	-.053	103	284	-.415
220	101	-.084	120	303	-.478	220	151	-.055	098	284	-.379	220	201	-.050	102	275	-.385
220	102	-.069	128	409	-.514	220	152	-.048	105	244	-.504	220	202	-.050	110	369	-.470
220	103	-.056	111	345	-.444	220	153	-.051	088	244	-.308	220	203	-.052	105	286	-.450
220	104	-.051	106	280	-.401	220	154	-.038	089	273	-.331	220	204	-.044	097	259	-.380
220	105	-.071	107	300	-.458	220	155	-.039	097	260	-.384	220	205	-.041	104	277	-.369
220	106	-.058	114	336	-.520	220	156	-.055	110	327	-.418	220	206	-.049	115	386	-.568
220	107	-.072	107	286	-.471	220	157	-.062	105	292	-.475	220	207	-.050	098	360	-.362
220	108	-.088	101	225	-.465	220	158	-.061	100	260	-.426	220	208	-.058	108	336	-.365
220	109	-.078	105	240	-.456	220	159	-.051	105	265	-.373	220	209	-.056	104	339	-.506
220	110	-.069	107	321	-.425	220	160	-.059	115	379	-.554	220	210	-.070	114	266	-.471
220	111	-.076	114	299	-.469	220	161	-.058	101	355	-.399	220	211	-.065	104	288	-.403
220	112	-.065	106	252	-.459	220	162	-.063	108	326	-.373	220	212	-.059	102	300	-.424
220	113	-.068	113	307	-.413	220	163	-.061	106	324	-.526	220	213	-.061	109	333	-.417
220	114	-.090	108	263	-.465	220	164	-.066	110	272	-.434	220	214	-.056	114	351	-.428
220	115	-.069	104	269	-.418	220	165	-.064	104	277	-.419	220	215	-.055	112	310	-.448
220	116	-.081	114	275	-.589	220	166	-.056	101	272	-.413	220	216	-.057	110	295	-.460
220	117	-.049	098	264	-.348	220	167	-.065	110	326	-.441	220	217	-.058	100	246	-.448
220	118	-.048	100	317	-.403	220	168	-.056	111	307	-.401	220	218	-.049	109	397	-.495
220	119	-.045	106	380	-.401	220	169	-.056	110	299	-.450	220	219	-.053	101	310	-.399
220	120	-.065	103	274	-.436	220	170	-.050	106	306	-.418	220	220	-.044	096	277	-.361
220	121	-.065	109	284	-.425	220	171	-.052	098	251	-.387	220	221	-.045	108	331	-.403
220	122	-.063	109	272	-.451	220	172	-.046	104	365	-.406	220	222	-.047	102	313	-.369

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	223	-.052	.105	.286	-.394	220	304	-.082	.109	.336	-.480	220	354	-.034	.113	.323	-.511
220	224	-.058	.109	.313	-.460	220	305	-.086	.115	.312	-.492	220	355	-.051	.108	.313	-.468
220	225	-.063	.106	.253	-.459	220	306	-.082	.114	.360	-.513	220	356	-.046	.104	.276	-.427
220	226	-.068	.111	.308	-.384	220	307	-.084	.125	.367	-.518	220	357	-.046	.106	.274	-.474
220	227	-.063	.109	.326	-.479	220	308	-.051	.127	.361	-.443	220	358	-.050	.108	.300	-.382
220	228	-.062	.105	.260	-.406	220	309	-.046	.103	.320	-.451	220	359	-.055	.111	.312	-.463
220	229	-.060	.101	.239	-.426	220	310	-.061	.106	.319	-.461	220	360	-.049	.109	.282	-.465
220	230	-.061	.107	.250	-.395	220	311	-.048	.107	.286	-.399	220	361	-.019	.111	.310	-.414
220	231	-.056	.106	.333	-.475	220	312	-.050	.106	.308	-.443	220	362	-.023	.109	.317	-.389
220	232	-.056	.098	.216	-.373	220	313	-.073	.121	.329	-.599	220	363	-.050	.111	.343	-.440
220	233	-.062	.108	.331	-.402	220	314	-.035	.118	.353	-.481	220	364	-.051	.106	.320	-.482
220	234	-.056	.105	.289	-.345	220	315	-.052	.104	.286	-.394	220	365	-.044	.118	.320	-.590
220	235	-.054	.102	.249	-.343	220	316	-.051	.102	.334	-.440	220	366	-.044	.111	.315	-.427
220	236	-.050	.103	.306	-.348	220	317	-.064	.114	.319	-.449	220	367	-.049	.111	.292	-.412
220	237	-.052	.101	.273	-.401	220	318	-.053	.108	.307	-.399	220	368	-.029	.108	.417	-.354
220	238	-.053	.099	.362	-.438	220	319	-.055	.105	.276	-.501	220	369	-.023	.113	.373	-.361
220	239	-.067	.109	.299	-.401	220	320	-.056	.108	.368	-.432	220	370	-.015	.101	.310	-.361
220	240	-.061	.106	.277	-.397	220	321	-.049	.105	.299	-.390	220	371	-.014	.110	.349	-.371
220	241	-.066	.112	.317	-.446	220	322	-.051	.112	.325	-.492	220	401	-.024	.130	.469	-.497
220	242	-.073	.105	.344	-.460	220	323	-.058	.108	.322	-.379	220	402	-.098	.132	.563	-.394
220	243	-.064	.103	.293	-.431	220	324	-.050	.102	.307	-.401	220	403	-.109	.135	.588	-.359
220	244	-.062	.111	.317	-.426	220	325	-.045	.105	.271	-.393	220	404	-.116	.146	.666	-.323
220	245	-.065	.105	.306	-.416	220	326	-.052	.108	.305	-.387	220	405	-.106	.156	.773	-.440
220	246	-.056	.106	.286	-.471	220	327	-.059	.101	.260	-.427	220	406	-.075	.157	.695	-.348
220	247	-.056	.106	.331	-.453	220	328	-.060	.100	.227	-.467	220	407	-.043	.131	.512	-.493
220	248	-.044	.115	.383	-.444	220	329	-.057	.102	.219	-.389	220	408	-.068	.122	.481	-.560
220	249	-.047	.111	.340	-.490	220	330	-.048	.113	.400	-.555	220	409	-.009	.128	.543	-.462
220	250	-.053	.112	.330	-.412	220	331	-.049	.099	.359	-.448	220	410	-.023	.137	.605	-.394
220	251	-.061	.102	.228	-.401	220	332	-.058	.107	.308	-.367	220	411	-.023	.151	.563	-.457
220	252	-.061	.108	.319	-.419	220	333	-.059	.106	.340	-.518	220	412	-.020	.179	.637	-.574
220	253	-.031	.103	.330	-.348	220	334	-.065	.115	.322	-.500	220	413	-.049	.157	.599	-.444
220	254	-.036	.114	.291	-.526	220	335	-.055	.103	.274	-.393	220	414	-.065	.154	.761	-.370
220	255	-.046	.105	.294	-.465	220	336	-.051	.097	.259	-.490	220	415	-.006	.128	.454	-.351
220	256	-.053	.104	.277	-.395	220	337	-.059	.110	.321	-.520	220	416	-.018	.120	.531	-.345
220	257	-.053	.103	.291	-.570	220	338	-.062	.111	.296	-.434	220	417	-.029	.134	.549	-.355
220	258	-.057	.107	.275	-.402	220	339	-.064	.111	.278	-.471	220	418	-.051	.134	.553	-.381
220	259	-.056	.107	.291	-.380	220	340	-.052	.108	.290	-.443	220	419	-.070	.142	.547	-.355
220	260	-.032	.105	.284	-.427	220	341	-.058	.099	.257	-.431	220	420	-.071	.133	.639	-.360
220	261	-.032	.111	.290	-.419	220	342	-.056	.105	.385	-.453	220	421	-.071	.135	.538	-.394
220	262	-.048	.107	.305	-.416	220	343	-.067	.100	.286	-.459	220	422	-.076	.141	.720	-.323
220	263	-.051	.110	.356	-.395	220	344	-.063	.099	.253	-.412	220	423	-.092	.172	.734	-.517
220	264	-.055	.105	.357	-.413	220	345	-.060	.110	.305	-.508	220	424	-.080	.165	.692	-.431
220	265	-.054	.117	.304	-.536	220	346	-.051	.103	.355	-.405	220	425	-.083	.176	.854	-.406
220	266	-.056	.110	.290	-.394	220	347	-.054	.100	.292	-.382	220	426	-.035	.153	.633	-.457
220	267	-.070	.112	.301	-.443	220	348	-.061	.111	.323	-.427	220	427	-.010	.121	.502	-.495
220	268	-.054	.109	.326	-.402	220	349	-.061	.107	.274	-.460	220	428	-.004	.129	.463	-.518
220	269	-.028	.114	.315	-.424	220	350	-.056	.115	.364	-.528	220	429	-.028	.128	.518	-.390
220	301	-.078	.117	.331	-.498	220	351	-.067	.107	.235	-.436	220	430	-.062	.123	.508	-.400
220	302	-.097	.122	.283	-.596	220	352	-.049	.106	.313	-.393	220	431	-.082	.132	.502	-.389
220	303	-.100	.116	.228	-.514	220	353	-.040	.101	.319	-.389	220	432	-.102	.136	.645	-.295

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	433	.090	.125	.557	-.308	220	483	.098	.117	.502	-.264	220	533	.022	.106	.455	-.290
220	434	.126	.149	.669	-.343	220	484	.090	.133	.629	-.322	220	534	-.002	.113	.336	-.374
220	435	.119	.148	.645	-.305	220	485	.083	.129	.490	-.339	220	535	-.056	.133	.426	-.668
220	436	.085	.142	.661	-.298	220	486	.044	.123	.538	-.345	220	536	-.046	.128	.449	-.465
220	437	.073	.136	.577	-.362	220	487	.025	.126	.417	-.401	220	537	-.016	.124	.409	-.470
220	438	.085	.158	.638	-.525	220	488	.025	.135	.493	-.471	220	538	-.006	.113	.328	-.403
220	439	.100	.149	.696	-.386	220	489	.030	.131	.537	-.416	220	539	-.018	.116	.375	-.420
220	440	.085	.142	.666	-.370	220	490	.031	.127	.488	-.365	220	540	-.029	.113	.356	-.394
220	441	.094	.134	.641	-.343	220	491	.009	.123	.393	-.388	220	541	.057	.099	.394	-.256
220	442	.088	.134	.533	-.316	220	492	.005	.115	.396	-.403	220	542	.029	.112	.414	-.339
220	443	.059	.129	.533	-.421	220	493	.016	.135	.577	-.409	220	543	.017	.111	.393	-.320
220	444	.047	.126	.552	-.318	220	494	.055	.120	.435	-.348	220	544	-.025	.123	.384	-.444
220	445	.007	.128	.589	-.424	220	495	.085	.119	.644	-.290	220	545	.012	.118	.426	-.436
220	446	.027	.095	.385	-.289	220	496	.083	.129	.591	-.264	220	546	.001	.106	.344	-.332
220	447	.084	.117	.580	-.282	220	497	.090	.116	.439	-.269	220	547	-.008	.103	.361	-.448
220	448	.097	.127	.519	-.306	220	498	.094	.119	.509	-.314	220	548	-.023	.099	.276	-.402
220	449	.105	.127	.567	-.265	220	499	.087	.125	.524	-.360	220	549	-.032	.092	.300	-.343
220	450	.107	.149	.596	-.274	220	500	.078	.119	.441	-.322	220	550	.074	.078	.309	-.176
220	451	.122	.150	.689	-.341	220	501	.051	.126	.548	-.372	220	551	.083	.110	.440	-.338
220	452	.135	.148	.706	-.420	220	502	.024	.118	.385	-.400	220	552	.091	.117	.432	-.293
220	453	.128	.163	.757	-.358	220	503	.000	.137	.392	-.585	220	553	.103	.109	.429	-.222
220	454	.114	.156	.616	-.355	220	504	.011	.143	.441	-.596	220	554	.100	.106	.601	-.214
220	455	.110	.162	.732	-.482	220	505	.021	.130	.481	-.409	220	555	.087	.108	.454	-.237
220	456	.087	.152	.658	-.520	220	506	.006	.123	.434	-.535	220	556	.091	.097	.495	-.234
220	457	.109	.143	.608	-.401	220	507	.001	.121	.469	-.386	220	557	.084	.113	.445	-.434
220	458	.113	.149	.715	-.380	220	508	.018	.113	.355	-.423	220	558	.073	.107	.436	-.300
220	459	.065	.140	.569	-.354	220	509	.030	.131	.494	-.443	220	559	.052	.107	.380	-.308
220	460	.021	.124	.448	-.361	220	510	.061	.112	.571	-.403	220	560	-.000	.119	.463	-.363
220	461	.018	.121	.512	-.420	220	511	.077	.111	.429	-.372	220	561	-.044	.111	.358	-.393
220	462	.032	.128	.446	-.412	220	512	.107	.130	.755	-.310	220	562	-.017	.108	.450	-.380
220	463	.079	.123	.583	-.290	220	513	.085	.111	.468	-.273	220	601	-.064	.113	.279	-.583
220	464	.098	.115	.424	-.403	220	514	.071	.119	.462	-.314	220	602	-.082	.124	.301	-.652
220	465	.100	.115	.543	-.341	220	515	.060	.111	.422	-.322	220	603	-.142	.143	.303	-.644
220	466	.110	.128	.537	-.280	220	516	.065	.129	.634	-.383	220	604	-.070	.115	.321	-.466
220	467	.118	.127	.616	-.281	220	517	.032	.120	.481	-.330	220	605	-.084	.121	.315	-.513
220	468	.104	.133	.593	-.293	220	518	.005	.117	.494	-.414	220	606	-.101	.128	.260	-.567
220	469	.091	.137	.595	-.284	220	519	.014	.128	.680	-.400	220	607	-.140	.130	.293	-.642
220	470	.087	.154	.664	-.349	220	520	.037	.133	.498	-.546	220	608	-.083	.111	.264	-.545
220	471	.077	.159	.653	-.414	220	521	.010	.130	.428	-.457	220	609	-.067	.117	.390	-.523
220	472	.052	.154	.593	-.484	220	522	.002	.109	.339	-.403	220	610	-.107	.136	.336	-.590
220	473	.081	.137	.619	-.375	220	523	.015	.117	.313	-.440	220	611	-.049	.117	.329	-.473
220	474	.054	.131	.538	-.317	220	524	.024	.110	.438	-.399	220	612	-.047	.118	.302	-.438
220	475	.025	.130	.489	-.461	220	525	.059	.119	.559	-.352	220	613	-.042	.117	.478	-.436
220	476	.006	.119	.366	-.429	220	526	.066	.123	.454	-.329	220	614	-.084	.140	.397	-.786
220	477	.002	.137	.463	-.507	220	527	.085	.115	.466	-.316	220	615	-.119	.145	.310	-.679
220	478	.038	.126	.596	-.507	220	528	.096	.109	.489	-.253	220	616	-.047	.114	.315	-.511
220	479	.079	.122	.551	-.343	220	529	.092	.111	.548	-.320	220	617	-.039	.122	.363	-.503
220	480	.091	.127	.627	-.388	220	530	.085	.118	.445	-.352	220	618	-.044	.140	.497	-.715
220	481	.093	.114	.469	-.268	220	531	.069	.106	.399	-.299	220	619	-.091	.139	.322	-.805
220	482	.087	.115	.485	-.242	220	532	.055	.108	.436	-.319	220	620	-.113	.145	.430	-.581

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	621	-.043	.118	.386	-.666	220	913	-.078	.104	.216	-.469	230	124	-.094	.111	.302	-.460
220	622	-.038	.113	.392	-.493	220	914	-.060	.125	.324	-.471	230	125	-.114	.111	.234	-.538
220	623	-.035	.135	.423	-.621	220	915	-.055	.110	.263	-.420	230	126	-.105	.119	.343	-.543
220	624	-.081	.143	.448	-.625	220	916	-.035	.113	.332	-.430	230	127	-.124	.113	.248	-.518
220	625	-.088	.157	.327	-.676	220	917	-.055	.121	.496	-.472	230	128	-.126	.118	.292	-.501
220	626	-.040	.121	.365	-.484	220	918	-.008	.115	.377	-.363	230	129	-.152	.133	.279	-.731
220	627	-.031	.117	.271	-.475	220	919	-.041	.108	.307	-.447	230	130	-.142	.124	.181	-.588
220	628	-.024	.125	.370	-.502	220	920	-.079	.107	.249	-.539	230	131	-.125	.113	.252	-.488
220	629	-.059	.132	.373	-.604	220	921	-.072	.112	.267	-.420	230	132	-.146	.118	.243	-.605
220	630	-.074	.144	.404	-.672	220	922	-.048	.110	.330	-.473	230	133	-.144	.115	.264	-.547
220	631	-.037	.111	.314	-.418	220	923	-.072	.107	.236	-.433	230	134	-.086	.117	.302	-.463
220	632	-.014	.119	.393	-.400	220	924	-.059	.104	.280	-.447	230	135	-.080	.106	.219	-.502
220	633	-.007	.127	.397	-.600	220	925	-.045	.109	.300	-.431	230	136	-.080	.109	.287	-.420
220	634	-.049	.128	.385	-.525	220	926	-.046	.103	.274	-.405	230	137	-.086	.104	.245	-.459
220	635	-.049	.142	.363	-.571	220	927	-.047	.105	.336	-.383	230	138	-.085	.115	.338	-.446
220	636	-.021	.118	.363	-.462	220	928	-.055	.101	.314	-.392	230	139	-.099	.109	.269	-.462
220	637	-.001	.103	.351	-.394	220	929	-.054	.115	.296	-.518	230	140	-.110	.116	.271	-.562
220	638	-.000	.117	.397	-.532	220	930	-.055	.109	.295	-.390	230	141	-.101	.110	.264	-.509
220	639	-.004	.155	.536	-.532	220	931	-.065	.108	.262	-.410	230	142	-.095	.111	.229	-.490
220	640	-.032	.150	.555	-.598	220	932	-.054	.105	.323	-.377	230	143	-.100	.109	.315	-.457
220	641	-.014	.119	.386	-.411	220	933	-.056	.107	.311	-.409	230	144	-.098	.116	.361	-.538
220	642	-.007	.104	.334	-.340	220	934	-.067	.106	.270	-.399	230	145	-.110	.113	.268	-.502
220	643	-.012	.119	.444	-.420	220	935	-.058	.110	.297	-.422	230	146	-.112	.118	.234	-.619
220	644	-.011	.131	.441	-.554	220	936	-.063	.104	.244	-.421	230	147	-.121	.118	.285	-.546
220	645	-.006	.145	.436	-.707	220	937	-.047	.105	.334	-.405	230	148	-.124	.122	.311	-.584
220	646	-.016	.111	.289	-.424	220	938	-.063	.135	.463	-.567	230	149	-.112	.111	.280	-.521
220	647	-.008	.100	.336	-.337	220	939	-.072	.146	.526	-.607	230	150	-.100	.116	.287	-.470
220	648	-.013	.107	.394	-.434	230	101	-.113	.110	.271	-.512	230	151	-.109	.114	.277	-.462
220	649	-.030	.114	.341	-.430	230	102	-.108	.124	.356	-.539	230	152	-.086	.109	.294	-.479
220	650	-.002	.110	.409	-.398	230	103	-.095	.119	.254	-.488	230	153	-.084	.097	.192	-.387
220	651	-.006	.129	.383	-.830	230	104	-.111	.121	.287	-.524	230	154	-.085	.097	.225	-.392
220	801	-.061	.111	.273	-.463	230	105	-.114	.125	.325	-.612	230	155	-.091	.105	.228	-.505
220	802	-.057	.105	.322	-.470	230	106	-.111	.121	.298	-.488	230	156	-.093	.111	.312	-.487
220	803	-.010	.106	.369	-.485	230	107	-.104	.120	.344	-.577	230	157	-.103	.111	.313	-.558
220	804	-.031	.111	.334	-.466	230	108	-.134	.114	.224	-.647	230	158	-.104	.102	.219	-.473
220	805	-.069	.111	.264	-.554	230	109	-.130	.118	.285	-.574	230	159	-.112	.108	.219	-.462
220	806	-.075	.110	.255	-.511	230	110	-.121	.113	.207	-.536	230	160	-.111	.106	.241	-.470
220	807	-.056	.118	.336	-.458	230	111	-.120	.116	.288	-.504	230	161	-.106	.111	.221	-.486
220	901	-.079	.118	.322	-.530	230	112	-.098	.119	.262	-.467	230	162	-.115	.118	.268	-.468
220	902	-.078	.125	.286	-.561	230	113	-.103	.118	.271	-.501	230	163	-.105	.114	.300	-.492
220	903	-.090	.148	.444	-.634	230	114	-.138	.128	.275	-.624	230	164	-.115	.107	.247	-.471
220	904	-.058	.112	.280	-.478	230	115	-.118	.118	.247	-.550	230	165	-.103	.117	.381	-.553
220	905	-.068	.116	.342	-.439	230	116	-.133	.127	.276	-.640	230	166	-.109	.110	.253	-.555
220	906	-.089	.125	.315	-.515	230	117	-.089	.113	.321	-.511	230	167	-.097	.111	.275	-.439
220	907	-.059	.110	.284	-.410	230	118	-.084	.117	.319	-.584	230	168	-.088	.106	.250	-.502
220	908	-.076	.116	.325	-.572	230	119	-.099	.114	.295	-.462	230	169	-.088	.114	.364	-.464
220	909	-.056	.122	.310	-.558	230	120	-.105	.110	.224	-.431	230	170	-.088	.108	.284	-.433
220	910	-.112	.118	.279	-.580	230	121	-.117	.113	.278	-.517	230	171	-.083	.105	.307	-.410
220	911	-.073	.113	.305	-.440	230	122	-.108	.115	.371	-.459	230	172	-.092	.109	.291	-.453
220	912	-.046	.110	.368	-.406	230	123	-.096	.104	.223	-.511	230	173	-.099	.114	.288	-.544

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	174	- .105	.110	.310	- .468	230	224	- .109	.115	.312	- .527	230	305	- .156	.126	.227	- .581
230	175	- .104	.116	.309	- .503	230	225	- .101	.117	.329	- .451	230	306	- .148	.116	.207	- .552
230	176	- .106	.113	.252	- .495	230	226	- .113	.117	.270	- .511	230	307	- .152	.125	.199	- .545
230	177	- .107	.118	.265	- .459	230	227	- .110	.114	.228	- .544	230	308	- .114	.126	.246	- .575
230	178	- .109	.117	.326	- .506	230	228	- .115	.113	.257	- .469	230	309	- .107	.109	.352	- .403
230	179	- .099	.119	.313	- .443	230	229	- .107	.107	.224	- .540	230	310	- .101	.119	.348	- .482
230	180	- .109	.117	.279	- .512	230	230	- .106	.117	.338	- .456	230	311	- .095	.121	.315	- .531
230	181	- .101	.114	.238	- .530	230	231	- .109	.113	.282	- .547	230	312	- .082	.120	.361	- .477
230	182	- .107	.113	.275	- .475	230	232	- .103	.114	.292	- .499	230	313	- .142	.114	.274	- .574
230	183	- .101	.110	.260	- .541	230	233	- .095	.111	.260	- .470	230	314	- .094	.123	.348	- .550
230	184	- .083	.116	.378	- .451	230	234	- .087	.112	.266	- .457	230	315	- .084	.111	.333	- .462
230	185	- .083	.109	.294	- .462	230	235	- .090	.110	.376	- .492	230	316	- .082	.121	.275	- .560
230	186	- .082	.116	.309	- .517	230	236	- .092	.110	.322	- .472	230	317	- .091	.122	.314	- .515
230	187	- .079	.110	.281	- .483	230	237	- .103	.111	.277	- .493	230	318	- .093	.123	.307	- .518
230	188	- .079	.114	.275	- .467	230	238	- .107	.116	.242	- .548	230	319	- .090	.107	.291	- .460
230	189	- .090	.110	.372	- .490	230	239	- .114	.116	.300	- .534	230	320	- .078	.117	.309	- .491
230	190	- .096	.116	.306	- .490	230	240	- .120	.119	.235	- .561	230	321	- .086	.112	.247	- .490
230	191	- .103	.113	.307	- .522	230	241	- .116	.113	.293	- .541	230	322	- .087	.117	.316	- .549
230	192	- .110	.116	.237	- .524	230	242	- .110	.120	.303	- .475	230	323	- .087	.119	.326	- .488
230	193	- .117	.118	.294	- .552	230	243	- .116	.118	.234	- .509	230	324	- .092	.110	.275	- .440
230	194	- .122	.120	.296	- .525	230	244	- .110	.115	.290	- .499	230	325	- .085	.112	.274	- .545
230	195	- .114	.112	.284	- .533	230	245	- .113	.119	.219	- .488	230	326	- .080	.109	.305	- .496
230	196	- .105	.119	.285	- .511	230	246	- .117	.112	.231	- .485	230	327	- .084	.104	.267	- .556
230	197	- .110	.117	.284	- .473	230	247	- .114	.116	.235	- .527	230	328	- .092	.097	.191	- .508
230	198	- .102	.116	.309	- .495	230	248	- .101	.106	.251	- .509	230	329	- .099	.111	.241	- .549
230	199	- .101	.117	.215	- .495	230	249	- .102	.118	.311	- .439	230	330	- .032	.105	.255	- .433
230	200	- .092	.110	.298	- .497	230	250	- .107	.115	.256	- .539	230	331	- .078	.106	.291	- .436
230	201	- .086	.110	.247	- .524	230	251	- .116	.115	.285	- .618	230	332	- .088	.112	.241	- .450
230	202	- .079	.109	.303	- .441	230	252	- .116	.119	.298	- .629	230	333	- .085	.108	.302	- .552
230	203	- .081	.107	.306	- .540	230	253	- .095	.113	.237	- .541	230	334	- .095	.108	.239	- .429
230	204	- .087	.097	.202	- .483	230	254	- .099	.108	.257	- .487	230	335	- .082	.116	.361	- .529
230	205	- .099	.107	.245	- .440	230	255	- .107	.114	.250	- .518	230	336	- .090	.103	.261	- .419
230	206	- .104	.108	.247	- .479	230	256	- .108	.109	.217	- .478	230	337	- .085	.108	.274	- .499
230	207	- .100	.109	.219	- .504	230	257	- .111	.112	.251	- .558	230	338	- .088	.104	.245	- .522
230	208	- .112	.117	.227	- .492	230	258	- .112	.098	.285	- .447	230	339	- .095	.111	.317	- .463
230	209	- .104	.114	.305	- .525	230	259	- .110	.111	.267	- .501	230	340	- .094	.111	.268	- .538
230	210	- .118	.109	.271	- .469	230	260	- .094	.109	.248	- .474	230	341	- .086	.104	.269	- .413
230	211	- .111	.117	.358	- .540	230	261	- .093	.113	.298	- .479	230	342	- .093	.108	.267	- .432
230	212	- .121	.109	.240	- .488	230	262	- .095	.102	.261	- .482	230	343	- .096	.112	.298	- .541
230	213	- .103	.110	.273	- .446	230	263	- .104	.115	.318	- .652	230	344	- .096	.108	.304	- .479
230	214	- .103	.105	.253	- .475	230	264	- .102	.107	.256	- .435	230	345	- .088	.115	.328	- .470
230	215	- .107	.114	.365	- .440	230	265	- .106	.111	.268	- .497	230	346	- .087	.112	.318	- .439
230	216	- .101	.114	.279	- .606	230	266	- .106	.112	.288	- .511	230	347	- .089	.114	.321	- .462
230	217	- .089	.106	.277	- .444	230	267	- .118	.118	.347	- .492	230	348	- .093	.115	.333	- .495
230	218	- .092	.109	.297	- .454	230	268	- .110	.116	.300	- .436	230	349	- .084	.116	.284	- .430
230	219	- .092	.113	.299	- .532	230	269	- .071	.114	.317	- .471	230	350	- .093	.112	.276	- .485
230	220	- .095	.108	.336	- .495	230	301	- .130	.103	.253	- .473	230	351	- .099	.108	.269	- .476
230	221	- .100	.116	.303	- .512	230	302	- .137	.124	.260	- .616	230	352	- .106	.116	.269	- .527
230	222	- .106	.113	.254	- .511	230	303	- .153	.130	.310	- .635	230	353	- .102	.111	.238	- .548
230	223	- .104	.121	.300	- .517	230	304	- .164	.133	.193	- .707	230	354	- .095	.110	.295	- .479

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
230	355	-.092	.109	.295	-.431	230	434	.150	.144	.733	-.327	230	484	.125	.138	.662	-.282
230	356	-.085	.112	.261	-.473	230	435	.134	.156	.752	-.329	230	485	.073	.136	.561	-.379
230	357	-.092	.112	.283	-.475	230	436	.082	.144	.918	-.319	230	486	.017	.127	.439	-.370
230	358	-.090	.105	.341	-.436	230	437	.053	.148	.557	-.514	230	487	-.068	.142	.403	-.628
230	359	-.094	.104	.254	-.476	230	438	.056	.155	.733	-.479	230	488	-.054	.155	.419	-.534
230	360	-.098	.107	.223	-.541	230	439	-.001	.170	.532	-.609	230	489	-.001	.145	.489	-.502
230	361	-.091	.113	.264	-.472	230	440	.025	.142	.537	-.482	230	490	.003	.118	.469	-.413
230	362	-.089	.106	.246	-.466	230	441	.041	.134	.601	-.475	230	491	-.025	.119	.378	-.438
230	363	-.111	.117	.306	-.677	230	442	.036	.135	.560	-.387	230	492	-.043	.115	.390	-.392
230	364	-.088	.107	.233	-.453	230	443	.013	.140	.521	-.425	230	493	.024	.131	.611	-.422
230	365	-.088	.107	.270	-.542	230	444	-.002	.113	.415	-.340	230	494	.064	.134	.772	-.369
230	366	-.085	.111	.311	-.492	230	445	.032	.132	.475	-.385	230	495	.111	.123	.679	-.283
230	367	-.096	.111	.350	-.456	230	446	.085	.111	.429	-.237	230	496	.119	.131	.627	-.298
230	368	-.094	.115	.260	-.521	230	447	.160	.140	.591	-.310	230	497	.117	.120	.645	-.263
230	369	.087	.109	.419	-.508	230	448	.152	.147	.650	-.278	230	498	.140	.147	.647	-.318
230	370	-.083	.108	.282	-.505	230	449	.165	.146	.663	-.313	230	499	.106	.139	.641	-.283
230	371	-.071	.116	.332	-.554	230	450	.176	.161	.843	-.293	230	500	.112	.142	.773	-.366
230	401	.095	.143	.758	-.398	230	451	.155	.132	.649	-.221	230	501	.037	.113	.444	-.373
230	402	.152	.159	.743	-.335	230	452	.175	.162	.854	-.278	230	502	-.004	.131	.470	-.460
230	403	.181	.155	.704	-.269	230	453	.112	.147	.631	-.325	230	503	-.090	.150	.492	-.686
230	404	.149	.164	.788	-.339	230	454	.091	.154	.611	-.373	230	504	-.073	.155	.406	-.583
230	405	.036	.181	.766	-.573	230	455	-.009	.166	.575	-.533	230	505	-.030	.131	.424	-.474
230	406	.045	.145	.699	-.405	230	456	.001	.171	.593	-.789	230	506	-.022	.124	.350	-.509
230	407	.012	.131	.561	-.407	230	457	.060	.144	.618	-.651	230	507	-.038	.120	.401	-.483
230	408	-.086	.143	.474	-.677	230	458	.045	.141	.638	-.367	230	508	-.054	.114	.350	-.454
230	409	.001	.145	.532	-.539	230	459	.009	.134	.580	-.426	230	509	.023	.125	.437	-.422
230	410	.017	.153	.635	-.484	230	460	-.032	.119	.312	-.502	230	510	.063	.126	.551	-.328
230	411	-.003	.160	.592	-.519	230	461	.004	.138	.460	-.568	230	511	.110	.123	.779	-.289
230	412	-.055	.168	.475	-.645	230	462	.073	.133	.662	-.319	230	512	.115	.113	.490	-.308
230	413	.000	.171	.733	-.509	230	463	.147	.125	.671	-.225	230	513	.125	.120	.567	-.270
230	414	.014	.154	.640	-.515	230	464	.164	.141	.676	-.277	230	514	.109	.115	.505	-.270
230	415	.033	.130	.598	-.307	230	465	.182	.145	.735	-.236	230	515	.093	.119	.573	-.260
230	416	.057	.131	.567	-.349	230	466	.169	.137	.798	-.258	230	516	.096	.141	.772	-.344
230	417	.061	.139	.849	-.419	230	467	.167	.142	.773	-.256	230	517	.008	.127	.392	-.550
230	418	.108	.166	.768	-.442	230	468	.153	.136	.745	-.294	230	518	-.018	.124	.399	-.424
230	419	.095	.154	.705	-.363	230	469	.098	.133	.690	-.458	230	519	.110	.142	.457	-.699
230	420	.078	.145	.692	-.333	230	470	.053	.152	.599	-.372	230	520	-.093	.130	.378	-.567
230	421	.081	.142	.744	-.385	230	471	-.045	.177	.548	-.692	230	521	.020	.118	.411	-.596
230	422	.073	.147	.592	-.421	230	472	-.035	.174	.602	-.654	230	522	-.029	.113	.330	-.409
230	423	-.028	.162	.588	-.594	230	473	.024	.142	.574	-.438	230	523	-.050	.115	.350	-.547
230	424	.003	.161	.544	-.504	230	474	.020	.116	.417	-.341	230	524	-.064	.110	.309	-.461
230	425	.001	.158	.709	-.487	230	475	-.005	.114	.423	-.391	230	525	.038	.121	.553	-.367
230	426	.050	.153	.484	-.562	230	476	.036	.117	.363	-.427	230	526	.058	.114	.479	-.332
230	427	.016	.157	.706	-.517	230	477	.004	.136	.526	-.603	230	527	.095	.116	.627	-.276
230	428	.032	.150	.558	-.422	230	478	.076	.130	.574	-.362	230	528	.102	.117	.615	-.280
230	429	.075	.135	.551	-.327	230	479	.135	.136	.652	-.275	230	529	.129	.109	.524	-.224
230	430	.112	.152	.693	-.357	230	480	.131	.125	.635	-.290	230	530	.113	.121	.498	-.316
230	431	.158	.149	.908	-.280	230	481	.149	.140	.675	-.284	230	531	.080	.112	.451	-.313
230	432	.176	.153	.707	-.267	230	482	.143	.133	.720	-.312	230	532	.075	.109	.430	-.289
230	433	.162	.158	.867	-.281	230	483	.147	.131	.715	-.218	230	533	.011	.110	.396	-.390

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	534	-.039	.117	.334	-.422	230	622	-.045	.115	.301	-.495	230	914	-.113	.121	.268	-.622
230	535	-.110	.142	.373	-.583	230	623	-.043	.133	.364	-.638	230	915	-.072	.123	.399	-.470
230	536	-.075	.130	.383	-.573	230	624	-.116	.154	.482	-.719	230	916	-.060	.123	.381	-.591
230	537	-.049	.125	.370	-.468	230	625	-.157	.190	.451	-1.006	230	917	-.111	.125	.357	-.514
230	538	-.036	.113	.366	-.422	230	626	-.062	.121	.281	-.558	230	918	-.045	.124	.419	-.559
230	539	-.056	.115	.321	-.463	230	627	-.045	.118	.375	-.595	230	919	-.078	.113	.296	-.435
230	540	-.060	.124	.404	-.454	230	628	-.025	.118	.324	-.604	230	920	-.145	.113	.205	-.592
230	541	-.079	.116	.479	-.300	230	629	-.109	.171	.330	-.808	230	921	-.129	.105	.265	-.430
230	542	-.013	.117	.453	-.410	230	630	-.123	.166	.383	-.960	230	922	-.060	.115	.364	-.445
230	543	-.014	.114	.368	-.339	230	631	-.057	.116	.303	-.436	230	923	-.112	.114	.219	-.522
230	544	-.075	.116	.318	-.475	230	632	-.030	.121	.377	-.419	230	924	-.089	.104	.226	-.433
230	545	-.077	.124	.375	-.529	230	633	-.010	.131	.415	-.476	230	925	-.089	.107	.254	-.473
230	546	-.024	.119	.403	-.459	230	634	-.108	.184	.432	-.859	230	926	-.089	.098	.239	-.458
230	547	-.031	.111	.316	-.410	230	635	-.100	.166	.452	-.857	230	927	-.098	.110	.299	-.606
230	548	-.053	.108	.279	-.432	230	636	-.051	.108	.327	-.436	230	928	-.097	.104	.237	-.445
230	549	-.054	.104	.258	-.366	230	637	-.029	.116	.343	-.382	230	929	-.103	.107	.251	-.498
230	550	-.097	.088	.381	-.163	230	638	-.013	.127	.469	-.571	230	930	-.105	.111	.271	-.462
230	551	-.121	.107	.530	-.241	230	639	-.074	.177	.408	-1.155	230	931	-.099	.109	.353	-.440
230	552	-.154	.123	.585	-.214	230	640	-.077	.167	.400	-.872	230	932	-.106	.110	.276	-.427
230	553	-.157	.131	.682	-.302	230	641	-.057	.110	.281	-.491	230	933	-.103	.104	.257	-.463
230	554	-.149	.118	.620	-.192	230	642	-.027	.109	.408	-.392	230	934	-.106	.106	.274	-.476
230	555	-.159	.123	.559	-.316	230	643	-.016	.128	.362	-.801	230	935	-.094	.114	.315	-.494
230	556	-.149	.121	.617	-.231	230	644	-.036	.147	.393	-.649	230	936	-.105	.113	.326	-.516
230	557	-.148	.124	.585	-.295	230	645	-.067	.146	.366	-.692	230	937	-.088	.123	.440	-.547
230	558	-.133	.119	.719	-.231	230	646	-.047	.116	.300	-.442	230	938	-.159	.134	.390	-.673
230	559	-.083	.125	.520	-.248	230	647	-.036	.112	.341	-.494	230	939	-.179	.162	.478	-.745
230	560	-.072	.125	.346	-.544	230	648	-.100	.133	.337	-.664	240	101	-.152	.113	.234	-.648
230	561	-.100	.112	.302	-.435	230	649	-.076	.117	.327	-.486	240	102	-.138	.110	.251	-.509
230	562	-.062	.103	.279	-.452	230	650	-.035	.117	.394	-.436	240	103	-.121	.111	.215	-.541
230	601	-.062	.111	.281	-.425	230	651	-.076	.143	.349	-.682	240	104	-.137	.123	.267	-.588
230	602	-.066	.123	.504	-.719	230	801	-.083	.109	.262	-.453	240	105	-.154	.125	.248	-.604
230	603	-.123	.151	.351	-.711	230	802	-.095	.120	.324	-.456	240	106	-.135	.124	.261	-.504
230	604	-.118	.125	.341	-.668	230	803	-.024	.112	.344	-.421	240	107	-.142	.121	.203	-.569
230	605	-.087	.121	.404	-.433	230	804	-.071	.124	.318	-.528	240	108	-.180	.111	.207	-.497
230	606	-.127	.132	.258	-.802	230	805	-.116	.126	.240	-.530	240	109	-.171	.105	.217	-.586
230	607	-.204	.156	.275	-.815	230	806	-.131	.119	.319	-.515	240	110	-.171	.118	.190	-.575
230	608	-.114	.120	.337	-.470	230	807	-.105	.117	.383	-.462	240	111	-.154	.124	.211	-.549
230	609	-.099	.127	.334	-.531	230	901	-.144	.136	.300	-.591	240	112	-.147	.118	.210	-.620
230	610	-.152	.150	.336	-.863	230	902	-.133	.124	.339	-.595	240	113	-.140	.114	.242	-.582
230	611	-.054	.113	.289	-.438	230	903	-.197	.164	.322	-.758	240	114	-.189	.124	.178	-.626
230	612	-.047	.118	.484	-.508	230	904	-.118	.121	.353	-.524	240	115	-.162	.120	.267	-.569
230	613	-.041	.126	.401	-.687	230	905	-.139	.127	.293	-.697	240	116	-.182	.135	.271	-.669
230	614	-.084	.147	.406	-.667	230	906	-.156	.127	.261	-.659	240	117	-.118	.120	.289	-.585
230	615	-.174	.184	.453	-.948	230	907	-.095	.124	.381	-.512	240	118	-.118	.119	.248	-.504
230	616	-.069	.123	.377	-.480	230	908	-.121	.127	.307	-.535	240	119	-.133	.118	.284	-.565
230	617	-.041	.112	.382	-.404	230	909	-.104	.117	.285	-.590	240	120	-.159	.113	.171	-.511
230	618	-.024	.140	.418	-.704	230	910	-.154	.128	.275	-.633	240	121	-.155	.109	.151	-.545
230	619	-.150	.182	.361	-.845	230	911	-.100	.119	.276	-.607	240	122	-.137	.116	.238	-.601
230	620	-.155	.160	.451	-.848	230	912	-.113	.125	.331	-.555	240	123	-.132	.115	.242	-.484
230	621	-.068	.128	.365	-.512	230	913	-.156	.136	.333	-.683	240	124	-.134	.121	.291	-.568

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	125	-139	.117	.213	-.562	240	175	-142	.122	.282	-.562	240	225	-153	.115	.201	-.516
240	126	-145	.119	.235	-.465	240	176	-147	.115	.341	-.574	240	226	-153	.122	.219	-.551
240	127	-151	.127	.292	-.578	240	177	-152	.115	.181	-.550	240	227	-158	.115	.215	-.544
240	128	-165	.119	.213	-.684	240	178	-154	.109	.175	-.584	240	228	-150	.105	.213	-.560
240	129	-194	.130	.241	-.628	240	179	-153	.117	.209	-.504	240	229	-144	.110	.185	-.554
240	130	-196	.127	.153	-.687	240	180	-144	.121	.226	-.532	240	230	-150	.121	.206	-.583
240	131	-159	.126	.261	-.593	240	181	-151	.112	.205	-.553	240	231	-144	.111	.228	-.525
240	132	-184	.126	.318	-.706	240	182	-141	.106	.201	-.592	240	232	-130	.107	.206	-.490
240	133	-191	.129	.180	-.603	240	183	-138	.110	.215	-.516	240	233	-122	.106	.235	-.491
240	134	-112	.119	.220	-.481	240	184	-117	.116	.230	-.479	240	234	-132	.121	.327	-.528
240	135	-116	.111	.231	-.633	240	185	-113	.109	.294	-.500	240	235	-127	.109	.286	-.483
240	136	-114	.104	.259	-.539	240	186	-109	.108	.255	-.469	240	236	-134	.103	.234	-.582
240	137	-120	.108	.237	-.431	240	187	-113	.106	.276	-.452	240	237	-137	.112	.213	-.518
240	138	-130	.115	.211	-.489	240	188	-133	.124	.303	-.600	240	238	-156	.112	.261	-.576
240	139	-146	.109	.222	-.519	240	189	-134	.112	.281	-.501	240	239	-140	.113	.199	-.590
240	140	-148	.110	.211	-.525	240	190	-142	.107	.229	-.636	240	240	-153	.109	.168	-.541
240	141	-138	.106	.188	-.516	240	191	-139	.114	.239	-.512	240	241	-153	.116	.201	-.528
240	142	-151	.122	.286	-.580	240	192	-160	.113	.236	-.583	240	242	-155	.118	.223	-.522
240	143	-140	.110	.269	-.506	240	193	-139	.113	.205	-.559	240	243	-156	.120	.235	-.518
240	144	-149	.107	.241	-.639	240	194	-148	.107	.201	-.516	240	244	-156	.123	.254	-.615
240	145	-145	.115	.209	-.538	240	195	-147	.114	.212	-.537	240	245	-158	.115	.178	-.586
240	146	-166	.113	.212	-.552	240	196	-149	.116	.232	-.503	240	246	-166	.138	.299	-.761
240	147	-146	.113	.193	-.604	240	197	-144	.115	.230	-.498	240	247	-152	.117	.251	-.525
240	148	-150	.111	.208	-.554	240	198	-138	.118	.217	-.549	240	248	-122	.122	.321	-.697
240	149	-146	.111	.218	-.525	240	199	-140	.111	.241	-.575	240	249	-130	.120	.276	-.510
240	150	-141	.111	.215	-.464	240	200	-121	.123	.326	-.547	240	250	-139	.111	.266	-.515
240	151	-144	.112	.212	-.497	240	201	-114	.112	.294	-.451	240	251	-150	.108	.203	-.475
240	152	-111	.110	.243	-.494	240	202	-109	.111	.274	-.493	240	252	-161	.110	.185	-.555
240	153	-116	.088	.165	-.426	240	203	-121	.111	.219	-.474	240	253	-109	.123	.261	-.630
240	154	-118	.110	.286	-.450	240	204	-123	.114	.223	-.539	240	254	-110	.110	.287	-.521
240	155	-122	.104	.208	-.435	240	205	-143	.113	.333	-.642	240	255	-121	.119	.307	-.502
240	156	-137	.111	.209	-.529	240	206	-149	.117	.270	-.499	240	256	-148	.119	.240	-.558
240	157	-153	.118	.196	-.523	240	207	-143	.110	.171	-.604	240	257	-144	.116	.211	-.625
240	158	-148	.117	.201	-.543	240	208	-154	.116	.255	-.655	240	258	-152	.107	.159	-.585
240	159	-156	.114	.343	-.669	240	209	-149	.112	.235	-.628	240	259	-153	.112	.195	-.607
240	160	-157	.119	.239	-.538	240	210	-146	.124	.229	-.494	240	260	-112	.112	.243	-.476
240	161	-151	.111	.174	-.586	240	211	-156	.116	.204	-.483	240	261	-114	.117	.300	-.736
240	162	-161	.114	.233	-.563	240	212	-155	.117	.199	-.563	240	262	-117	.115	.342	-.536
240	163	-151	.110	.235	-.614	240	213	-152	.119	.229	-.592	240	263	-124	.111	.307	-.512
240	164	-144	.122	.257	-.518	240	214	-141	.116	.250	-.513	240	264	-140	.116	.246	-.582
240	165	-150	.116	.204	-.457	240	215	-135	.120	.261	-.558	240	265	-135	.117	.283	-.582
240	166	-147	.114	.215	-.592	240	216	-127	.110	.201	-.496	240	266	-150	.114	.299	-.567
240	167	-145	.120	.251	-.541	240	217	-123	.110	.248	-.548	240	267	-162	.127	.215	-.579
240	168	-118	.115	.263	-.494	240	218	-120	.112	.286	-.477	240	268	-146	.115	.234	-.542
240	169	-113	.114	.249	-.515	240	219	-121	.115	.247	-.461	240	269	-077	.117	.363	-.463
240	170	-118	.107	.177	-.495	240	220	-126	.112	.260	-.558	240	301	-166	.117	.246	-.578
240	171	-122	.106	.251	-.467	240	221	-137	.123	.295	-.535	240	302	-186	.112	.228	-.551
240	172	-127	.112	.267	-.504	240	222	-147	.117	.336	-.567	240	303	-193	.117	.241	-.624
240	173	-137	.113	.223	-.481	240	223	-148	.117	.232	-.560	240	304	-205	.131	.197	-.767
240	174	-137	.117	.223	-.568	240	224	-154	.108	.199	-.560	240	305	-192	.125	.309	-.597

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	306	- .185	.121	.269	- .564	240	356	- .116	.119	.265	- .479	240	435	.154	.159	.781	- .350
240	307	- .197	.133	.204	- .729	240	357	- .116	.111	.253	- .511	240	436	.087	.165	.717	- .463
240	308	- .178	.138	.250	- .742	240	358	- .120	.105	.191	- .560	240	437	.088	.172	.663	- .442
240	309	- .143	.113	.270	- .491	240	359	- .126	.109	.228	- .518	240	438	.088	.174	.731	- .389
240	310	- .133	.109	.302	- .515	240	360	- .128	.117	.240	- .517	240	439	.021	.184	.710	- .573
240	311	- .129	.124	.273	- .504	240	361	- .120	.118	.301	- .629	240	440	.039	.158	.608	- .467
240	312	- .117	.117	.252	- .499	240	362	- .106	.117	.390	- .527	240	441	.038	.144	.578	- .424
240	313	- .182	.127	.270	- .704	240	363	- .121	.114	.307	- .544	240	442	.039	.133	.515	- .393
240	314	- .136	.122	.260	- .584	240	364	- .122	.111	.240	- .514	240	443	.008	.123	.461	- .381
240	315	- .107	.118	.231	- .485	240	365	- .109	.113	.326	- .543	240	444	.020	.121	.509	- .404
240	316	- .116	.114	.302	- .566	240	366	- .116	.114	.343	- .507	240	445	.048	.147	.614	- .445
240	317	- .109	.113	.233	- .517	240	367	- .120	.121	.268	- .505	240	446	.079	.118	.525	- .214
240	318	- .115	.112	.223	- .507	240	368	- .120	.110	.217	- .483	240	447	.131	.125	.615	- .236
240	319	- .107	.117	.326	- .521	240	369	- .112	.118	.311	- .460	240	448	.146	.139	.803	- .255
240	320	- .105	.113	.306	- .464	240	370	- .099	.117	.288	- .463	240	449	.172	.146	.767	- .310
240	321	- .111	.119	.333	- .571	240	371	- .100	.105	.301	- .466	240	450	.175	.157	.886	- .289
240	322	- .108	.117	.267	- .558	240	401	- .076	.143	.612	- .488	240	451	.162	.160	.817	- .289
240	323	- .117	.117	.343	- .601	240	402	- .154	.139	.632	- .385	240	452	.178	.162	.767	- .276
240	324	- .119	.123	.318	- .497	240	403	- .170	.154	.769	- .282	240	453	.143	.154	.777	- .367
240	325	- .106	.110	.247	- .475	240	404	- .137	.175	.750	- .524	240	454	.115	.172	.918	- .489
240	326	- .104	.109	.244	- .486	240	405	- .031	.198	.587	- .786	240	455	.015	.188	.673	- .720
240	327	- .119	.112	.250	- .499	240	406	- .020	.145	.554	- .376	240	456	.023	.196	.612	- .701
240	328	- .117	.114	.227	- .523	240	407	- .052	.138	.464	- .457	240	457	.055	.151	.622	- .478
240	329	- .124	.114	.322	- .594	240	408	- .103	.141	.386	- .561	240	458	.051	.131	.542	- .452
240	330	- .110	.116	.263	- .494	240	409	- .013	.147	.625	- .546	240	459	.001	.134	.487	- .495
240	331	- .106	.108	.230	- .516	240	410	- .000	.155	.668	- .425	240	460	.047	.111	.365	- .431
240	332	- .114	.111	.301	- .512	240	411	- .022	.164	.703	- .577	240	461	.034	.158	.646	- .654
240	333	- .114	.107	.302	- .538	240	412	- .074	.183	.642	- .693	240	462	.081	.131	.612	- .438
240	334	- .111	.116	.273	- .547	240	413	- .007	.174	.628	- .485	240	463	.126	.125	.585	- .271
240	335	- .112	.113	.253	- .435	240	414	- .001	.161	.620	- .511	240	464	.151	.131	.744	- .231
240	336	- .110	.109	.198	- .464	240	415	- .010	.130	.521	- .424	240	465	.151	.138	.685	- .261
240	337	- .117	.115	.244	- .480	240	416	- .046	.130	.538	- .332	240	466	.148	.146	.670	- .292
240	338	- .121	.115	.240	- .516	240	417	- .038	.137	.718	- .355	240	467	.162	.153	.724	- .249
240	339	- .114	.114	.240	- .541	240	418	- .082	.144	.686	- .295	240	468	.142	.150	.636	- .309
240	340	- .120	.108	.186	- .545	240	419	- .110	.166	.657	- .461	240	469	.102	.148	.663	- .417
240	341	- .119	.108	.235	- .500	240	420	- .085	.145	.580	- .370	240	470	.105	.171	.707	- .610
240	342	- .119	.112	.285	- .507	240	421	- .077	.157	.732	- .370	240	471	.030	.174	.638	- .610
240	343	- .124	.115	.254	- .487	240	422	- .089	.159	.759	- .409	240	472	.017	.190	.648	- .737
240	344	- .124	.112	.249	- .538	240	423	- .026	.180	.658	- .726	240	473	.036	.146	.504	- .512
240	345	- .117	.123	.314	- .709	240	424	- .006	.164	.665	- .621	240	474	.001	.131	.476	- .450
240	346	- .117	.117	.363	- .529	240	425	- .001	.146	.613	- .488	240	475	.015	.116	.439	- .414
240	347	- .120	.112	.268	- .497	240	426	- .052	.133	.454	- .537	240	476	.047	.119	.442	- .435
240	348	- .127	.107	.227	- .573	240	427	- .001	.152	.504	- .500	240	477	.038	.143	.527	- .509
240	349	- .125	.116	.238	- .586	240	428	- .015	.146	.523	- .410	240	478	.076	.129	.749	- .370
240	350	- .126	.111	.262	- .502	240	429	- .046	.125	.599	- .329	240	479	.125	.126	.611	- .387
240	351	- .128	.107	.246	- .469	240	430	- .103	.132	.579	- .340	240	480	.107	.125	.571	- .256
240	352	- .134	.104	.188	- .469	240	431	- .130	.136	.688	- .360	240	481	.134	.124	.648	- .293
240	353	- .127	.121	.329	- .514	240	432	- .163	.148	.727	- .301	240	482	.131	.127	.723	- .309
240	354	- .117	.117	.308	- .521	240	433	- .172	.162	.757	- .312	240	483	.136	.142	.631	- .271
240	355	- .107	.119	.308	- .492	240	434	- .161	.161	.821	- .241	240	484	.118	.136	.655	- .221

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	485	.084	.145	.663	-.325	240	535	-.103	.135	.340	-.613	240	623	-.030	.138	.418	-.622
240	486	.022	.149	.572	-.433	240	536	-.103	.131	.400	-.545	240	624	-.064	.192	.487	-.861
240	487	-.067	.164	.518	-.624	240	537	-.060	.118	.379	-.446	240	625	-.111	.198	.511	-.750
240	488	-.034	.160	.572	-.603	240	538	-.043	.121	.417	-.430	240	626	-.074	.112	.287	-.463
240	489	-.004	.144	.561	-.670	240	539	-.062	.114	.378	-.486	240	627	-.045	.112	.321	-.587
240	490	.015	.126	.444	-.492	240	540	-.082	.113	.264	-.585	240	628	-.001	.138	.443	-.616
240	491	-.039	.114	.412	-.410	240	541	.060	.119	.490	-.387	240	629	-.059	.209	.625	-.821
240	492	-.056	.119	.370	-.433	240	542	-.003	.116	.429	-.378	240	630	-.052	.178	.544	-.725
240	493	.036	.139	.626	-.487	240	543	-.006	.116	.391	-.427	240	631	-.070	.118	.323	-.420
240	494	.082	.134	.616	-.347	240	544	-.095	.127	.345	-.530	240	632	-.036	.125	.415	-.690
240	495	.111	.116	.519	-.256	240	545	-.062	.126	.317	-.491	240	633	-.002	.148	.443	-.698
240	496	.102	.116	.505	-.295	240	546	-.046	.123	.420	-.472	240	634	-.023	.188	.508	-.783
240	497	.113	.115	.581	-.309	240	547	-.044	.107	.410	-.437	240	635	-.048	.175	.423	-.886
240	498	.110	.121	.538	-.290	240	548	-.075	.111	.255	-.448	240	636	-.053	.117	.321	-.428
240	499	.098	.123	.479	-.294	240	549	-.087	.100	.219	-.398	240	637	-.024	.122	.411	-.468
240	500	.113	.136	.625	-.308	240	550	.086	.086	.411	-.191	240	638	-.020	.129	.458	-.520
240	501	.024	.125	.507	-.373	240	551	.107	.113	.465	-.323	240	639	-.012	.176	.521	-.760
240	502	-.010	.144	.476	-.517	240	552	.121	.111	.472	-.207	240	640	-.015	.173	.582	-.693
240	503	-.102	.150	.456	-.568	240	553	.119	.108	.515	-.243	240	641	-.053	.114	.384	-.461
240	504	-.066	.152	.421	-.731	240	554	.135	.114	.553	-.271	240	642	-.012	.113	.331	-.424
240	505	.030	.142	.514	-.545	240	555	.133	.116	.546	-.250	240	643	-.002	.133	.395	-.541
240	506	.030	.114	.417	-.418	240	556	.141	.122	.556	-.217	240	644	-.011	.166	.412	-.761
240	507	-.050	.115	.369	-.489	240	557	.110	.122	.617	-.297	240	645	-.005	.159	.379	-.676
240	508	-.066	.108	.319	-.454	240	558	.098	.120	.476	-.347	240	646	-.069	.118	.388	-.458
240	509	.044	.138	.576	-.329	240	559	.086	.132	.639	-.340	240	647	-.020	.110	.372	-.488
240	510	.067	.129	.510	-.354	240	560	-.083	.135	.379	-.505	240	648	-.056	.151	.423	-.521
240	511	.106	.119	.529	-.297	240	561	-.123	.105	.189	-.511	240	649	-.087	.127	.483	-.557
240	512	.101	.121	.531	-.311	240	562	-.074	.112	.334	-.398	240	650	-.040	.128	.412	-.474
240	513	.102	.120	.466	-.396	240	601	-.091	.123	.366	-.579	240	651	-.026	.150	.441	-.565
240	514	.093	.110	.562	-.252	240	602	-.077	.144	.436	-.631	240	801	-.124	.117	.227	-.544
240	515	.073	.118	.533	-.293	240	603	-.163	.198	.546	-.132	240	802	-.129	.113	.331	-.520
240	516	.081	.125	.598	-.315	240	604	-.135	.117	.386	-.540	240	803	-.043	.112	.408	-.464
240	517	.007	.114	.490	-.337	240	605	-.120	.132	.304	-.574	240	804	-.078	.138	.368	-.545
240	518	.030	.134	.445	-.454	240	606	-.145	.141	.275	-.808	240	805	-.159	.129	.243	-.611
240	519	.115	.137	.296	-.703	240	607	-.238	.169	.462	-.136	240	806	-.157	.119	.211	-.615
240	520	.124	.135	.459	-.617	240	608	-.116	.145	.429	-.611	240	807	-.147	.119	.266	-.604
240	521	.042	.111	.425	-.502	240	609	-.100	.141	.412	-.597	240	901	-.196	.127	.278	-.635
240	522	.035	.119	.376	-.439	240	610	-.122	.170	.572	-.826	240	902	-.162	.132	.239	-.706
240	523	.063	.109	.312	-.433	240	611	-.060	.115	.431	-.681	240	903	-.228	.166	.380	-.905
240	524	.084	.106	.250	-.432	240	612	-.047	.121	.422	-.450	240	904	-.137	.123	.276	-.579
240	525	.049	.131	.521	-.353	240	613	-.021	.137	.460	-.636	240	905	-.163	.117	.224	-.591
240	526	.062	.131	.588	-.343	240	614	-.060	.163	.509	-.759	240	906	-.202	.138	.257	-.637
240	527	.103	.111	.507	-.278	240	615	-.121	.202	.511	-.838	240	907	-.132	.121	.331	-.518
240	528	.103	.109	.467	-.295	240	616	-.068	.113	.324	-.518	240	908	-.159	.135	.298	-.811
240	529	.108	.110	.482	-.297	240	617	-.034	.130	.442	-.473	240	909	-.134	.117	.294	-.640
240	530	.096	.110	.490	-.214	240	618	-.006	.156	.523	-.1034	240	910	-.209	.138	.194	-.689
240	531	.077	.115	.467	-.284	240	619	-.085	.219	.565	-.1006	240	911	-.135	.119	.235	-.585
240	532	.060	.117	.425	-.322	240	620	-.112	.196	.619	-.916	240	912	-.122	.127	.343	-.670
240	533	.009	.120	.583	-.373	240	621	-.076	.119	.279	-.607	240	913	-.187	.126	.341	-.639
240	534	.028	.112	.319	-.409	240	622	-.044	.122	.494	-.626	240	914	-.151	.121	.312	-.539

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	915	-109	130	338	-571	250	126	-180	125	233	-591	250	176	-170	116	174	-568
240	916	-102	142	345	-609	250	127	-185	124	181	-682	250	177	-174	109	162	-565
240	917	-150	127	342	-610	250	128	-186	120	215	-654	250	178	-164	116	268	-604
240	918	-054	123	352	-456	250	129	-207	127	213	-638	250	179	-178	111	235	-654
240	919	-114	124	274	-544	250	130	-237	130	191	-693	250	180	-161	114	187	-525
240	920	-177	119	208	-667	250	131	-174	124	194	-616	250	181	-169	120	285	-616
240	921	-159	110	176	-619	250	132	-207	124	199	-659	250	182	-159	113	265	-526
240	922	-075	124	354	-442	250	133	-239	126	216	-692	250	183	-167	114	193	-584
240	923	-126	116	307	-526	250	134	-135	112	200	-490	250	184	-139	110	194	-481
240	924	-121	113	235	-452	250	135	-142	116	288	-519	250	185	-139	115	249	-506
240	925	-120	113	292	-573	250	136	-140	111	266	-477	250	186	-126	120	246	-554
240	926	-122	111	324	-485	250	137	-155	112	200	-609	250	187	-143	115	211	-510
240	927	-125	106	309	-487	250	138	-155	109	176	-492	250	188	-153	113	272	-559
240	928	-143	110	235	-550	250	139	-169	112	226	-530	250	189	-163	111	183	-515
240	929	-133	114	270	-566	250	140	-156	119	220	-605	250	190	-172	115	231	-556
240	930	-148	113	291	-586	250	141	-156	114	175	-493	250	191	-170	111	171	-544
240	931	-134	117	239	-499	250	142	-153	112	255	-581	250	192	-174	115	219	-538
240	932	-141	110	222	-513	250	143	-158	113	189	-683	250	193	-174	114	180	-595
240	933	-129	109	252	-466	250	144	-181	119	238	-650	250	194	-169	114	272	-547
240	934	-136	111	241	-454	250	145	-180	116	169	-549	250	195	-169	117	187	-565
240	935	-138	107	285	-551	250	146	-184	119	220	-543	250	196	-172	115	197	-607
240	936	-137	108	203	-503	250	147	-183	115	166	-618	250	197	-166	109	230	-550
240	937	-121	131	386	-622	250	148	-171	116	220	-530	250	198	-166	115	277	-543
240	938	-185	148	491	-993	250	149	-167	116	187	-516	250	199	-161	114	211	-516
240	939	-207	173	551	-805	250	150	-167	111	202	-569	250	200	-135	113	246	-469
250	101	-169	122	318	-609	250	151	-165	108	239	-546	250	201	-138	119	224	-544
250	102	-160	127	286	-541	250	152	-143	106	229	-487	250	202	-130	112	297	-502
250	103	-141	116	233	-594	250	153	-139	087	130	-397	250	203	-144	117	190	-599
250	104	-162	129	246	-577	250	154	-139	101	173	-433	250	204	-154	108	286	-512
250	105	-186	131	205	-792	250	155	-149	117	195	-535	250	205	-169	108	129	-587
250	106	-172	123	239	-614	250	156	-155	112	269	-516	250	206	-177	117	224	-609
250	107	-171	115	161	-606	250	157	-166	118	183	-600	250	207	-167	112	205	-581
250	108	-217	118	171	-733	250	158	-165	109	240	-496	250	208	-167	113	158	-513
250	109	-196	116	226	-604	250	159	-166	106	147	-550	250	209	-179	112	267	-623
250	110	-186	118	284	-591	250	160	-177	119	181	-610	250	210	-171	123	200	-668
250	111	-174	115	158	-576	250	161	-171	113	190	-538	250	211	-181	123	198	-573
250	112	-184	119	235	-594	250	162	-171	113	168	-500	250	212	-175	125	231	-613
250	113	-167	121	297	-723	250	163	-181	113	240	-597	250	213	-179	123	185	-667
250	114	-206	111	175	-641	250	164	-168	118	197	-631	250	214	-165	119	244	-678
250	115	-182	120	219	-603	250	165	-171	120	203	-560	250	215	-156	110	193	-535
250	116	-228	140	197	-917	250	166	-161	123	218	-595	250	216	-153	122	237	-563
250	117	-154	123	318	-580	250	167	-167	124	206	-641	250	217	-147	128	266	-593
250	118	-156	114	208	-604	250	168	-139	116	212	-541	250	218	-147	108	245	-494
250	119	-170	112	242	-665	250	169	-131	107	237	-496	250	219	-153	109	284	-580
250	120	-178	133	216	-621	250	170	-137	121	249	-529	250	220	-161	120	326	-544
250	121	-173	123	212	-566	250	171	-145	127	224	-597	250	221	-175	112	156	-522
250	122	-156	106	201	-536	250	172	-153	106	227	-496	250	222	-177	118	169	-570
250	123	-156	117	255	-565	250	173	-166	107	203	-560	250	223	-176	111	150	-558
250	124	-160	123	218	-666	250	174	-170	119	319	-601	250	224	-167	114	290	-539
250	125	-159	125	219	-563	250	175	-169	112	190	-523	250	225	-184	113	247	-680

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	226	- .171	.114	.176	- .574	250	307	- .207	.130	.247	- .699	250	357	- .144	.118	.245	- .579
250	227	- .183	.117	.237	- .589	250	308	- .187	.126	.288	- .667	250	358	- .153	.109	.201	- .504
250	228	- .179	.116	.192	- .607	250	309	- .167	.111	.194	- .589	250	359	- .151	.122	.284	- .563
250	229	- .183	.117	.206	- .615	250	310	- .155	.116	.182	- .558	250	360	- .162	.119	.304	- .609
250	230	- .177	.113	.144	- .602	250	311	- .142	.125	.257	- .815	250	361	- .155	.120	.272	- .589
250	231	- .183	.122	.221	- .660	250	312	- .138	.122	.256	- .551	250	362	- .147	.120	.264	- .553
250	232	- .146	.118	.235	- .561	250	313	- .189	.128	.192	- .913	250	363	- .154	.115	.250	- .553
250	233	- .154	.114	.174	- .523	250	314	- .168	.124	.214	- .643	250	364	- .148	.118	.292	- .553
250	234	- .151	.110	.270	- .536	250	315	- .137	.114	.211	- .518	250	365	- .145	.110	.204	- .589
250	235	- .154	.108	.157	- .499	250	316	- .133	.116	.304	- .464	250	366	- .138	.114	.289	- .582
250	236	- .168	.112	.225	- .519	250	317	- .140	.119	.255	- .566	250	367	- .151	.118	.189	- .532
250	237	- .173	.111	.206	- .519	250	318	- .134	.115	.253	- .517	250	368	- .149	.119	.300	- .588
250	238	- .173	.115	.185	- .592	250	319	- .135	.118	.286	- .587	250	369	- .140	.119	.374	- .507
250	239	- .178	.113	.177	- .651	250	320	- .138	.117	.249	- .545	250	370	- .132	.120	.304	- .520
250	240	- .179	.116	.257	- .535	250	321	- .136	.109	.250	- .494	250	371	- .123	.112	.269	- .494
250	241	- .180	.117	.186	- .563	250	322	- .142	.114	.281	- .522	250	401	- .154	.175	.885	- .369
250	242	- .182	.117	.196	- .639	250	323	- .137	.112	.226	- .508	250	402	- .170	.157	.726	- .392
250	243	- .185	.117	.232	- .616	250	324	- .144	.115	.230	- .548	250	403	- .138	.151	.661	- .340
250	244	- .190	.122	.254	- .605	250	325	- .137	.121	.229	- .575	250	404	- .058	.156	.645	- .400
250	245	- .187	.124	.166	- .632	250	326	- .126	.109	.256	- .495	250	405	- .151	.185	.493	- .794
250	246	- .180	.126	.228	- 1.000	250	327	- .134	.114	.196	- .651	250	406	- .079	.141	.484	- .520
250	247	- .185	.134	.238	- .722	250	328	- .137	.109	.299	- .463	250	407	- .115	.128	.321	- .667
250	248	- .150	.119	.212	- .609	250	329	- .137	.103	.192	- .466	250	408	- .087	.143	.451	- .569
250	249	- .155	.123	.246	- .555	250	330	- .126	.115	.262	- .572	250	409	- .001	.172	.787	- .571
250	250	- .181	.111	.192	- .600	250	331	- .123	.110	.275	- .497	250	410	- .039	.157	.524	- .516
250	251	- .179	.119	.206	- .785	250	332	- .124	.108	.199	- .470	250	411	- .100	.147	.559	- .786
250	252	- .187	.127	.291	- .581	250	333	- .138	.105	.218	- .497	250	412	- .202	.183	.398	- .901
250	253	- .145	.117	.288	- .661	250	334	- .127	.108	.222	- .530	250	413	- .120	.161	.420	- .655
250	254	- .142	.109	.208	- .571	250	335	- .131	.116	.261	- .519	250	414	- .074	.144	.439	- .549
250	255	- .151	.116	.260	- .526	250	336	- .129	.119	.275	- .556	250	415	- .067	.151	.598	- .298
250	256	- .168	.114	.252	- .527	250	337	- .140	.118	.202	- .562	250	416	- .052	.154	.594	- .365
250	257	- .177	.124	.212	- .636	250	338	- .137	.116	.275	- .555	250	417	- .031	.146	.612	- .424
250	258	- .187	.113	.155	- .553	250	339	- .127	.108	.258	- .482	250	418	- .083	.163	.669	- .434
250	259	- .182	.126	.209	- .700	250	340	- .141	.119	.232	- .529	250	419	- .059	.157	.764	- .431
250	260	- .137	.117	.333	- .505	250	341	- .141	.127	.261	- .601	250	420	- .025	.140	.657	- .368
250	261	- .152	.120	.240	- .595	250	342	- .145	.106	.231	- .460	250	421	- .013	.150	.705	- .512
250	262	- .149	.115	.228	- .572	250	343	- .149	.107	.232	- .522	250	422	- .022	.139	.524	- .499
250	263	- .150	.113	.287	- .556	250	344	- .154	.116	.275	- .523	250	423	- .158	.182	.504	- .891
250	264	- .163	.121	.247	- .577	250	345	- .144	.111	.212	- .485	250	424	- .122	.168	.474	- .755
250	265	- .167	.120	.176	- .595	250	346	- .147	.114	.216	- .509	250	425	- .132	.153	.612	- .620
250	266	- .169	.119	.298	- .606	250	347	- .150	.104	.175	- .499	250	426	- .153	.140	.377	- .798
250	267	- .196	.132	.215	- .647	250	348	- .140	.108	.265	- .546	250	427	- .067	.162	.625	- .522
250	268	- .176	.122	.186	- .579	250	349	- .156	.106	.193	- .532	250	428	- .035	.161	.647	- .402
250	269	- .083	.117	.370	- .456	250	350	- .161	.111	.232	- .542	250	429	- .083	.156	.674	- .369
250	301	- .178	.119	.183	- .683	250	351	- .154	.109	.208	- .517	250	430	- .142	.167	.763	- .352
250	302	- .198	.123	.224	- .756	250	352	- .163	.120	.303	- .575	250	431	- .154	.165	.877	- .323
250	303	- .202	.128	.190	- .609	250	353	- .157	.112	.273	- .561	250	432	- .113	.145	.809	- .337
250	304	- .220	.136	.203	- .827	250	354	- .156	.114	.244	- .668	250	433	- .121	.156	.692	- .291
250	305	- .201	.135	.198	- .652	250	355	- .140	.114	.304	- .520	250	434	- .113	.145	.852	- .320
250	306	- .208	.126	.208	- .598	250	356	- .135	.115	.300	- .508	250	435	- .052	.144	.702	- .428

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
250	436	.002	.145	.664	-.431	250	486	-.089	.171	.498	-.553	250	536	-.193	.136	.249	-.688
250	437	-.029	.151	.528	-.485	250	487	-.209	.159	.296	-.786	250	537	-.125	.138	.244	-.616
250	438	-.045	.165	.616	-.656	250	488	-.190	.173	.392	-.819	250	538	-.096	.131	.352	-.545
250	439	-.168	.201	.538	-.931	250	489	-.116	.168	.467	-.710	250	539	-.106	.115	.300	-.457
250	440	-.116	.173	.529	-.703	250	490	-.080	.137	.389	-.682	250	540	-.112	.122	.300	-.544
250	441	-.075	.135	.407	-.508	250	491	-.087	.126	.275	-.534	250	541	-.015	.120	.496	-.305
250	442	-.056	.129	.403	-.462	250	492	-.101	.123	.275	-.534	250	542	-.058	.130	.374	-.468
250	443	-.068	.125	.404	-.446	250	493	-.103	.148	.774	-.340	250	543	-.101	.123	.303	-.539
250	444	-.076	.115	.310	-.478	250	494	-.121	.129	.650	-.262	250	544	-.195	.136	.288	-.687
250	445	.154	.159	.707	-.355	250	495	.122	.133	.600	-.362	250	545	-.179	.142	.241	-.651
250	446	.187	.142	.735	-.220	250	496	.134	.133	.608	-.258	250	546	-.120	.126	.264	-.523
250	447	.201	.147	.790	-.210	250	497	.125	.120	.543	-.264	250	547	-.104	.109	.251	-.523
250	448	.165	.146	.791	-.307	250	498	.102	.123	.546	-.290	250	548	-.105	.119	.248	-.503
250	449	.149	.142	.701	-.292	250	499	.059	.114	.446	-.368	250	549	-.116	.104	.213	-.474
250	450	.137	.148	.851	-.360	250	500	.057	.121	.531	-.303	250	550	-.110	.112	.468	-.195
250	451	.107	.135	.644	-.398	250	501	-.043	.130	.504	-.513	250	551	.133	.118	.514	-.247
250	452	.096	.143	.658	-.331	250	502	-.094	.137	.589	-.576	250	552	.125	.123	.554	-.331
250	453	.005	.145	.574	-.445	250	503	-.199	.179	.496	-.697	250	553	.145	.113	.603	-.201
250	454	-.017	.168	.717	-.486	250	504	-.224	.169	.368	-.964	250	554	.128	.115	.517	-.267
250	455	-.177	.201	.609	-.068	250	505	.128	.146	.290	-.698	250	555	.125	.119	.581	-.211
250	456	-.160	.204	.479	-.935	250	506	-.105	.131	.332	-.872	250	556	.118	.110	.448	-.228
250	457	-.057	.181	.639	-.781	250	507	-.093	.122	.442	-.619	250	557	.088	.110	.458	-.283
250	458	-.053	.137	.441	-.596	250	508	-.100	.114	.281	-.502	250	558	.087	.113	.499	-.257
250	459	-.061	.126	.401	-.511	250	509	.084	.121	.489	-.285	250	559	.013	.115	.386	-.342
250	460	-.097	.113	.226	-.521	250	510	.119	.128	.642	-.262	250	560	-.103	.133	.260	-.691
250	461	.119	.147	.693	-.360	250	511	.117	.124	.579	-.264	250	561	-.171	.119	.292	-.577
250	462	.155	.148	.786	-.435	250	512	.112	.129	.541	-.347	250	562	-.122	.124	.273	-.548
250	463	.164	.142	.689	-.257	250	513	.099	.116	.541	-.284	250	601	-.029	.141	.436	-.458
250	464	.166	.136	.612	-.227	250	514	.088	.122	.482	-.346	250	602	.015	.157	.542	-.620
250	465	.133	.132	.546	-.314	250	515	.055	.116	.557	-.310	250	603	-.002	.181	.500	-.675
250	466	.122	.136	.648	-.302	250	516	.037	.114	.401	-.460	250	604	-.142	.128	.284	-.593
250	467	.096	.130	.616	-.283	250	517	-.048	.119	.439	-.463	250	605	-.080	.153	.545	-.599
250	468	.070	.137	.616	-.362	250	518	.101	.137	.364	-.573	250	606	-.106	.154	.462	-.681
250	469	-.009	.141	.683	-.485	250	519	.176	.143	.275	-.691	250	607	-.184	.154	.396	-.726
250	470	-.054	.154	.543	-.536	250	520	-.201	.169	.320	-.827	250	608	-.091	.137	.334	-.577
250	471	.198	.179	.455	-.784	250	521	.117	.151	.293	-.672	250	609	-.031	.153	.727	-.659
250	472	.200	.215	.413	-.021	250	522	-.100	.132	.290	-.612	250	610	-.005	.167	.614	-.533
250	473	.085	.159	.395	-.831	250	523	.102	.114	.319	-.479	250	611	-.039	.125	.415	-.457
250	474	-.060	.151	.427	-.808	250	524	.107	.112	.247	-.483	250	612	-.016	.125	.453	-.361
250	475	.076	.134	.464	-.689	250	525	.088	.130	.548	-.311	250	613	.036	.130	.525	-.414
250	476	.093	.126	.325	-.526	250	526	.088	.117	.436	-.262	250	614	.032	.148	.559	-.486
250	477	.116	.150	.736	-.327	250	527	.115	.120	.544	-.245	250	615	.017	.171	.652	-.625
250	478	.128	.145	.622	-.321	250	528	.116	.113	.470	-.238	250	616	-.052	.118	.463	-.414
250	479	.174	.149	.679	-.302	250	529	.101	.115	.524	-.294	250	617	.016	.128	.515	-.471
250	480	.153	.133	.648	-.258	250	530	.084	.115	.470	-.308	250	618	.080	.146	.543	-.481
250	481	.147	.128	.613	-.220	250	531	.047	.116	.496	-.313	250	619	.081	.196	.711	-.580
250	482	.126	.132	.688	-.312	250	532	.036	.115	.426	-.339	250	620	.041	.192	.746	-.797
250	483	.082	.132	.524	-.334	250	533	-.051	.118	.353	-.363	250	621	-.060	.119	.346	-.436
250	484	.065	.128	.546	-.369	250	534	.090	.132	.329	-.476	250	622	-.009	.123	.394	-.479
250	485	-.020	.137	.458	-.460	250	535	.197	.143	.375	-.672	250	623	.062	.140	.526	-.563

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	624	.072	.172	.645	-.660	250	916	-.120	.135	.356	-.531	260	127	-.222	.117	.138	-.583
250	625	.074	.174	.624	-.497	250	917	-.180	.128	.327	-.613	260	128	-.194	.127	.231	-.623
250	626	-.055	.117	.355	-.468	250	918	-.134	.123	.296	-.511	260	129	-.244	.130	.228	-.737
250	627	-.012	.118	.375	-.359	250	919	-.134	.120	.289	-.531	260	130	-.273	.126	.102	-.772
250	628	.064	.132	.492	-.518	250	920	-.199	.121	.110	-.693	260	131	-.191	.112	.149	-.572
250	629	.063	.158	.632	-.491	250	921	-.181	.109	.211	-.541	260	132	-.219	.121	.161	-.586
250	630	.034	.167	.595	-.538	250	922	-.060	.151	.448	-.558	260	133	-.257	.128	.152	-.672
250	631	-.060	.117	.363	-.448	250	923	-.099	.127	.373	-.609	260	134	-.162	.118	.270	-.600
250	632	-.011	.121	.447	-.405	250	924	-.152	.116	.290	-.533	260	135	-.156	.120	.215	-.717
250	633	.063	.129	.559	-.362	250	925	-.158	.115	.235	-.591	260	136	-.162	.116	.231	-.536
250	634	.065	.146	.609	-.502	250	926	-.156	.113	.208	-.528	260	137	-.186	.112	.187	-.560
250	635	.054	.151	.579	-.627	250	927	-.159	.110	.199	-.578	260	138	-.185	.112	.188	-.543
250	636	-.055	.112	.340	-.380	250	928	-.175	.119	.232	-.700	260	139	-.196	.119	.149	-.658
250	637	-.006	.114	.357	-.360	250	929	-.169	.113	.155	-.567	260	140	-.193	.121	.201	-.611
250	638	.049	.123	.476	-.327	250	930	-.168	.118	.288	-.611	260	141	-.179	.111	.162	-.669
250	639	.053	.137	.462	-.557	250	931	-.162	.121	.195	-.547	260	142	-.165	.112	.233	-.540
250	640	.062	.142	.525	-.636	250	932	-.176	.119	.189	-.626	260	143	-.190	.114	.250	-.611
250	641	-.047	.123	.411	-.485	250	933	-.165	.112	.310	-.520	260	144	-.220	.129	.190	-.711
250	642	-.014	.114	.420	-.409	250	934	-.182	.125	.270	-.658	260	145	-.223	.119	.182	-.595
250	643	.041	.120	.414	-.439	250	935	-.176	.115	.202	-.691	260	146	-.209	.121	.174	-.629
250	644	.055	.127	.549	-.403	250	936	-.178	.129	.204	-.648	260	147	-.218	.120	.147	-.598
250	645	.036	.153	.618	-.537	250	937	-.125	.137	.357	-.558	260	148	-.204	.122	.240	-.546
250	646	.067	.116	.422	-.447	250	938	-.232	.149	.314	-.951	260	149	-.202	.116	.121	-.517
250	647	.005	.121	.365	-.441	250	939	-.276	.163	.309	-.867	260	150	-.191	.108	.201	-.507
250	648	.031	.128	.393	-.522	260	101	-.189	.120	.228	-.640	260	151	-.190	.104	.144	-.565
250	649	-.079	.136	.381	-.476	260	102	-.177	.123	.281	-.601	260	152	-.165	.106	.181	-.536
250	650	.007	.117	.449	-.394	260	103	-.166	.114	.279	-.560	260	153	-.156	.090	.144	-.483
250	651	.018	.135	.460	-.483	260	104	-.177	.123	.225	-.587	260	154	-.158	.102	.184	-.555
250	801	-.142	.116	.315	-.581	260	105	-.205	.123	.234	-.647	260	155	-.173	.109	.204	-.524
250	802	-.143	.114	.237	-.517	260	106	-.193	.117	.166	-.599	260	156	-.192	.113	.214	-.555
250	803	-.109	.110	.258	-.529	260	107	-.185	.116	.165	-.579	260	157	-.187	.123	.262	-.636
250	804	-.168	.142	.248	-.651	260	108	-.253	.121	.117	-.660	260	158	-.181	.112	.201	-.539
250	805	-.184	.132	.223	-.662	260	109	-.227	.121	.151	-.640	260	159	-.185	.107	.152	-.551
250	806	-.187	.129	.213	-.611	260	110	-.203	.119	.210	-.583	260	160	-.200	.109	.145	-.545
250	807	-.177	.126	.283	-.729	260	111	-.202	.121	.196	-.602	260	161	-.202	.111	.135	-.609
250	901	-.234	.135	.236	-.733	260	112	-.193	.117	.178	-.547	260	162	-.212	.110	.207	-.604
250	902	-.202	.126	.202	-.629	260	113	-.187	.120	.183	-.786	260	163	-.199	.120	.182	-.527
250	903	-.288	.152	.293	-.994	260	114	-.235	.126	.138	-.682	260	164	-.194	.109	.142	-.574
250	904	-.157	.128	.302	-.656	260	115	-.199	.123	.279	-.575	260	165	-.196	.113	.205	-.661
250	905	-.184	.134	.299	-.765	260	116	-.259	.143	.352	-.985	260	166	-.177	.117	.267	-.633
250	906	-.264	.134	.206	-.765	260	117	-.187	.123	.190	-.730	260	167	-.184	.115	.163	-.579
250	907	-.153	.124	.253	-.589	260	118	-.183	.121	.231	-.817	260	168	-.164	.114	.242	-.529
250	908	-.192	.129	.283	-.571	260	119	-.201	.113	.171	-.595	260	169	-.168	.107	.213	-.504
250	909	-.184	.119	.202	-.689	260	120	-.218	.117	.228	-.637	260	170	-.164	.104	.204	-.590
250	910	-.222	.138	.150	-.661	260	121	-.198	.111	.159	-.698	260	171	-.177	.109	.235	-.576
250	911	-.160	.119	.284	-.597	260	122	-.188	.111	.189	-.565	260	172	-.174	.107	.158	-.552
250	912	-.156	.130	.282	-.534	260	123	-.180	.116	.226	-.533	260	173	-.193	.110	.139	-.642
250	913	-.188	.135	.264	-.665	260	124	-.177	.114	.179	-.588	260	174	-.198	.111	.119	-.614
250	914	-.211	.128	.249	-.607	260	125	-.177	.118	.262	-.602	260	175	-.190	.113	.309	-.563
250	915	-.153	.135	.273	-.634	260	126	-.204	.116	.156	-.706	260	176	-.193	.119	.224	-.557

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	177	- .199	.119	.164	- .731	260	227	- .210	.122	.195	- .633	260	308	- .209	.123	.197	- .593
260	178	- .196	.116	.144	- .621	260	228	- .217	.124	.223	- .629	260	309	- .199	.102	.120	- .531
260	179	- .197	.113	.185	- .533	260	229	- .221	.124	.140	- .704	260	310	- .173	.120	.234	- .634
260	180	- .194	.121	.211	- .571	260	230	- .216	.121	.124	- .705	260	311	- .154	.121	.290	- .546
260	181	- .184	.119	.198	- .639	260	231	- .219	.135	.153	- .863	260	312	- .153	.112	.250	- .574
260	182	- .184	.119	.264	- .545	260	232	- .182	.119	.236	- .575	260	313	- .197	.121	.163	- .679
260	183	- .195	.118	.182	- .595	260	233	- .176	.111	.153	- .614	260	314	- .186	.126	.218	- .642
260	184	- .164	.114	.199	- .570	260	234	- .163	.113	.221	- .539	260	315	- .148	.114	.257	- .538
260	185	- .161	.120	.196	- .598	260	235	- .180	.110	.299	- .518	260	316	- .140	.116	.230	- .521
260	186	- .169	.120	.229	- .545	260	236	- .194	.119	.179	- .541	260	317	- .148	.123	.221	- .527
260	187	- .175	.112	.167	- .524	260	237	- .212	.111	.169	- .591	260	318	- .154	.122	.258	- .529
260	188	- .175	.115	.214	- .538	260	238	- .197	.118	.186	- .695	260	319	- .155	.125	.259	- .603
260	189	- .196	.112	.265	- .554	260	239	- .208	.125	.190	- .701	260	320	- .145	.112	.231	- .507
260	190	- .200	.120	.213	- .560	260	240	- .211	.125	.223	- .598	260	321	- .145	.109	.216	- .574
260	191	- .205	.112	.180	- .573	260	241	- .215	.123	.135	- .590	260	322	- .154	.113	.214	- .572
260	192	- .193	.115	.220	- .573	260	242	- .212	.116	.192	- .561	260	323	- .150	.116	.242	- .595
260	193	- .204	.123	.207	- .627	260	243	- .215	.119	.222	- .637	260	324	- .153	.115	.245	- .653
260	194	- .200	.122	.221	- .529	260	244	- .227	.124	.122	- .785	260	325	- .144	.114	.255	- .620
260	195	- .206	.119	.119	- .552	260	245	- .221	.134	.231	- .691	260	326	- .149	.111	.221	- .520
260	196	- .198	.111	.198	- .513	260	246	- .232	.148	.202	- 1 .656	260	327	- .146	.116	.238	- .546
260	197	- .195	.111	.161	- .668	260	247	- .242	.151	.264	- .980	260	328	- .146	.108	.217	- .512
260	198	- .198	.113	.147	- .631	260	248	- .156	.121	.220	- .683	260	329	- .149	.103	.215	- .487
260	199	- .184	.116	.218	- .542	260	249	- .174	.116	.167	- .641	260	330	- .144	.103	.204	- .454
260	200	- .156	.114	.233	- .548	260	250	- .193	.112	.187	- .556	260	331	- .144	.105	.180	- .504
260	201	- .157	.117	.224	- .560	260	251	- .201	.114	.145	- .606	260	332	- .151	.106	.273	- .520
260	202	- .164	.114	.251	- .535	260	252	- .216	.112	.151	- .644	260	333	- .142	.116	.258	- .506
260	203	- .169	.118	.261	- .578	260	253	- .150	.113	.228	- .566	260	334	- .147	.103	.116	- .496
260	204	- .177	.109	.163	- .523	260	254	- .139	.115	.278	- .566	260	335	- .149	.113	.238	- .556
260	205	- .192	.107	.186	- .539	260	255	- .163	.116	.316	- .541	260	336	- .143	.114	.220	- .527
260	206	- .202	.107	.141	- .545	260	256	- .186	.122	.170	- .792	260	337	- .150	.109	.172	- .576
260	207	- .199	.110	.137	- .603	260	257	- .212	.123	.228	- .757	260	338	- .153	.113	.258	- .539
260	208	- .206	.108	.223	- .597	260	258	- .225	.117	.158	- .621	260	339	- .161	.108	.187	- .509
260	209	- .196	.121	.229	- .572	260	259	- .236	.151	.267	- 1 .562	260	340	- .159	.104	.205	- .580
260	210	- .202	.114	.131	- .776	260	260	- .151	.116	.244	- .563	260	341	- .162	.111	.267	- .569
260	211	- .212	.119	.161	- .637	260	261	- .147	.111	.255	- .495	260	342	- .153	.105	.172	- .523
260	212	- .197	.123	.235	- .646	260	262	- .156	.111	.276	- .499	260	343	- .166	.110	.164	- .557
260	213	- .198	.115	.161	- .626	260	263	- .157	.119	.216	- .700	260	344	- .168	.112	.168	- .560
260	214	- .203	.122	.236	- .652	260	264	- .179	.116	.180	- .583	260	345	- .157	.112	.357	- .496
260	215	- .206	.118	.180	- .575	260	265	- .201	.115	.212	- .713	260	346	- .162	.116	.254	- .535
260	216	- .169	.106	.209	- .562	260	266	- .208	.123	.151	- .719	260	347	- .162	.113	.195	- .632
260	217	- .172	.113	.293	- .571	260	267	- .235	.132	.190	- .706	260	348	- .163	.111	.200	- .514
260	218	- .159	.107	.167	- .549	260	268	- .206	.116	.280	- .579	260	349	- .164	.109	.192	- .532
260	219	- .174	.111	.169	- .584	260	269	- .103	.115	.309	- .501	260	350	- .178	.108	.208	- .529
260	220	- .192	.111	.144	- .611	260	301	- .196	.118	.147	- .641	260	351	- .182	.107	.170	- .545
260	221	- .196	.115	.281	- .606	260	302	- .220	.131	.239	- .725	260	352	- .188	.110	.197	- .552
260	222	- .198	.121	.223	- .545	260	303	- .229	.124	.207	- .641	260	353	- .174	.117	.236	- .595
260	223	- .201	.122	.171	- .737	260	304	- .252	.132	.151	- .689	260	354	- .162	.121	.215	- .676
260	224	- .201	.118	.186	- .702	260	305	- .230	.113	.173	- .676	260	355	- .158	.115	.321	- .533
260	225	- .206	.113	.193	- .559	260	306	- .243	.121	.152	- .689	260	356	- .160	.117	.280	- .530
260	226	- .214	.124	.197	- .567	260	307	- .218	.130	.207	- .686	260	357	- .172	.114	.249	- .552

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
260	358	- .175	.112	.202	- .574	260	437	- .033	.145	.549	- .573	260	487	- .284	.152	.181	- .818
260	359	- .172	.109	.230	- .576	260	438	- .072	.151	.654	- .685	260	488	- .296	.170	.329	- .947
260	360	- .187	.121	.233	- .639	260	439	- .290	.196	.302	- 1.140	260	489	- .182	.161	.239	- .779
260	361	- .160	.116	.330	- .543	260	440	- .159	.149	.330	- .675	260	490	- .134	.142	.301	- .780
260	362	- .162	.119	.303	- .598	260	441	- .111	.131	.310	- .529	260	491	- .114	.116	.252	- .645
260	363	- .177	.117	.215	- .649	260	442	- .094	.127	.479	- .601	260	492	- .125	.127	.236	- .713
260	364	- .168	.113	.196	- .510	260	443	- .093	.117	.354	- .509	260	493	- .116	.139	.592	- .322
260	365	- .168	.114	.217	- .595	260	444	- .108	.120	.356	- .463	260	494	- .116	.149	.705	- .398
260	366	- .167	.116	.225	- .580	260	445	- .165	.143	.678	- .321	260	495	- .129	.138	.699	- .285
260	367	- .165	.117	.228	- .599	260	446	- .178	.138	.573	- .272	260	496	- .136	.127	.563	- .250
260	368	- .165	.111	.233	- .608	260	447	- .218	.155	.982	- .193	260	497	- .112	.130	.564	- .330
260	369	- .153	.112	.221	- .535	260	448	- .212	.159	.819	- .322	260	498	- .097	.135	.528	- .357
260	370	- .157	.132	.321	- .615	260	449	- .176	.152	.753	- .256	260	499	- .058	.124	.445	- .326
260	371	- .140	.123	.275	- .555	260	450	- .160	.147	.696	- .314	260	500	- .033	.120	.438	- .356
260	401	- .182	.168	.752	- .361	260	451	- .126	.150	.831	- .353	260	501	- .062	.119	.316	- .472
260	402	- .182	.147	.776	- .249	260	452	- .111	.159	.777	- .389	260	502	- .153	.130	.319	- .605
260	403	- .155	.147	.776	- .393	260	453	- .008	.151	.547	- .404	260	503	- .279	.148	.157	- 1.017
260	404	- .035	.142	.675	- .451	260	454	- .086	.149	.715	- .566	260	504	- .305	.154	.172	- 1.021
260	405	- .222	.177	.354	- .887	260	455	- .264	.172	.415	- .982	260	505	- .154	.149	.237	- .651
260	406	- .114	.132	.353	- .584	260	456	- .294	.197	.450	- 1.086	260	506	- .127	.131	.292	- .864
260	407	- .153	.114	.209	- .585	260	457	- .141	.168	.343	- .843	260	507	- .120	.126	.248	- .592
260	408	- .110	.149	.577	- .606	260	458	- .105	.132	.305	- .647	260	508	- .129	.125	.360	- .612
260	409	- .009	.162	.587	- .598	260	459	- .098	.115	.282	- .517	260	509	- .092	.120	.500	- .281
260	410	- .051	.148	.522	- .654	260	460	- .125	.114	.295	- .600	260	510	- .101	.122	.534	- .260
260	411	- .129	.142	.494	- .541	260	461	- .127	.167	.841	- .367	260	511	- .120	.123	.653	- .391
260	412	- .268	.178	.394	- .918	260	462	- .178	.147	.747	- .404	260	512	- .089	.116	.495	- .292
260	413	- .153	.149	.319	- .609	260	463	- .191	.135	.705	- .202	260	513	- .093	.125	.608	- .343
260	414	- .106	.135	.391	- .584	260	464	- .176	.141	.641	- .212	260	514	- .074	.123	.499	- .353
260	415	- .079	.145	.716	- .385	260	465	- .174	.147	.689	- .316	260	515	- .045	.118	.474	- .383
260	416	- .078	.138	.635	- .459	260	466	- .128	.139	.784	- .249	260	516	- .019	.121	.470	- .418
260	417	- .032	.150	.638	- .434	260	467	- .095	.135	.629	- .369	260	517	- .076	.117	.353	- .463
260	418	- .080	.159	.669	- .500	260	468	- .074	.130	.566	- .367	260	518	- .132	.132	.351	- .651
260	419	- .065	.143	.508	- .430	260	469	- .040	.138	.490	- .562	260	519	- .250	.134	.261	- .805
260	420	- .034	.142	.569	- .421	260	470	- .132	.145	.361	- .574	260	520	- .264	.141	.169	- .970
260	421	- .009	.140	.456	- .455	260	471	- .281	.147	.220	- .827	260	521	- .159	.131	.334	- .637
260	422	- .037	.142	.511	- .488	260	472	- .306	.180	.416	- 1.239	260	522	- .119	.128	.351	- .644
260	423	- .223	.153	.337	- .813	260	473	- .158	.159	.372	- 1.035	260	523	- .122	.124	.373	- .498
260	424	- .187	.149	.419	- .677	260	474	- .122	.136	.285	- .805	260	524	- .148	.117	.237	- .785
260	425	- .168	.142	.312	- .650	260	475	- .115	.112	.310	- .552	260	525	- .069	.115	.421	- .275
260	426	- .195	.138	.235	- .688	260	476	- .120	.120	.342	- .587	260	526	- .083	.113	.506	- .354
260	427	- .088	.163	.766	- .384	260	477	- .111	.157	.641	- .396	260	527	- .100	.119	.477	- .415
260	428	- .052	.151	.583	- .388	260	478	- .155	.149	.840	- .306	260	528	- .097	.127	.509	- .273
260	429	- .107	.156	.818	- .275	260	479	- .173	.141	.684	- .208	260	529	- .091	.119	.502	- .291
260	430	- .166	.154	.908	- .221	260	480	- .148	.135	.619	- .364	260	530	- .083	.124	.516	- .344
260	431	- .177	.160	.800	- .270	260	481	- .140	.138	.608	- .351	260	531	- .029	.112	.451	- .340
260	432	- .161	.153	.724	- .279	260	482	- .122	.139	.566	- .282	260	532	- .015	.114	.400	- .357
260	433	- .155	.143	.638	- .239	260	483	- .075	.129	.526	- .380	260	533	- .084	.116	.312	- .504
260	434	- .148	.163	.864	- .354	260	484	- .075	.135	.557	- .375	260	534	- .148	.126	.331	- .592
260	435	- .073	.153	.714	- .347	260	485	- .054	.131	.460	- .543	260	535	- .234	.136	.180	- .737
260	436	- .012	.149	.621	- .462	260	486	- .135	.133	.302	- .561	260	536	- .233	.143	.202	- .744

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	537	-151	126	238	-621	260	625	048	177	711	-465	260	917	-209	124	186	-591
260	538	-120	130	269	-595	260	626	-074	116	311	-465	260	918	-166	120	231	-605
260	539	-132	116	286	-507	260	627	-015	120	474	-436	260	919	-160	125	317	-691
260	540	-140	131	303	-594	260	628	039	128	587	-378	260	920	-235	123	166	-663
260	541	-006	118	384	-377	260	629	055	151	524	-623	260	921	-212	113	176	-616
260	542	-086	109	319	-536	260	630	070	151	597	-601	260	922	-060	139	456	-513
260	543	-128	106	202	-483	260	631	-073	117	317	-453	260	923	-125	124	274	-510
260	544	-223	130	123	-802	260	632	-020	115	343	-439	260	924	-182	114	224	-594
260	545	-205	142	206	-840	260	633	049	129	593	-460	260	925	-182	112	242	-530
260	546	-130	120	252	-712	260	634	042	154	508	-526	260	926	-184	112	266	-544
260	547	-122	112	253	-526	260	635	060	153	603	-462	260	927	-188	118	174	-728
260	548	-123	109	328	-468	260	636	-063	116	314	-406	260	928	-204	114	174	-558
260	549	-132	097	235	-443	260	637	-006	116	422	-381	260	929	-207	116	164	-602
260	550	-101	087	417	-138	260	638	054	119	465	-424	260	930	-202	120	184	-646
260	551	-108	123	517	-317	260	639	046	120	456	-391	260	931	-188	121	197	-620
260	552	-123	116	558	-276	260	640	053	139	589	-413	260	932	-199	109	198	-581
260	553	-125	121	694	-226	260	641	-062	122	373	-528	260	933	-188	108	152	-601
260	554	-133	118	580	-227	260	642	-013	121	412	-417	260	934	-209	132	245	-611
260	555	-131	115	520	-284	260	643	051	119	481	-372	260	935	-205	130	201	-666
260	556	-123	119	520	-301	260	644	070	125	595	-547	260	936	-203	127	208	-615
260	557	-073	116	524	-338	260	645	044	128	449	-443	260	937	-170	137	371	-620
260	558	-069	118	544	-252	260	646	-076	134	410	-468	260	938	-253	136	231	-771
260	559	-001	122	394	-384	260	647	-014	112	391	-297	260	939	-323	154	313	-886
260	560	-228	129	190	-715	260	648	-023	131	389	-399	270	101	-208	123	221	-678
260	561	-211	120	147	-605	260	649	-078	114	348	-452	270	102	-196	115	199	-641
260	562	-149	106	243	-466	260	650	014	114	442	-392	270	103	-176	120	223	-677
260	601	-012	140	522	-333	260	651	039	125	488	-417	270	104	-201	124	247	-656
260	602	-036	154	640	-501	260	801	-157	113	229	-505	270	105	-224	127	169	-682
260	603	-041	174	658	-553	260	802	-162	110	178	-523	270	106	-229	124	149	-710
260	604	-155	122	260	-656	260	803	-125	114	246	-537	270	107	-198	117	246	-575
260	605	-080	145	547	-534	260	804	-185	133	333	-715	270	108	-244	128	151	-709
260	606	-107	143	468	-550	260	805	-219	136	212	-792	270	109	-232	127	177	-725
260	607	-210	171	426	-872	260	806	-220	130	320	-745	270	110	-217	116	229	-614
260	608	-083	142	378	-587	260	807	-204	136	249	-743	270	111	-204	117	155	-657
260	609	-023	151	554	-607	260	901	-283	141	176	-791	270	112	-220	122	158	-614
260	610	-018	179	600	-597	260	902	-230	131	220	-704	270	113	-217	132	240	-899
260	611	-037	131	437	-554	260	903	-329	149	116	-957	270	114	-236	124	162	-722
260	612	-001	127	440	-390	260	904	-183	122	217	-611	270	115	-220	123	184	-663
260	613	-036	137	639	-424	260	905	-203	117	162	-632	270	116	-285	144	130	-1058
260	614	-039	149	522	-452	260	906	-303	135	122	-1007	270	117	-190	127	198	-628
260	615	-053	166	520	-502	260	907	-173	124	272	-579	270	118	-200	126	259	-800
260	616	-042	125	545	-455	260	908	-224	131	184	-668	270	119	-211	111	247	-597
260	617	-018	130	556	-394	260	909	-208	122	201	-676	270	120	-212	117	138	-633
260	618	-085	133	702	-368	260	910	-231	137	245	-870	270	121	-213	127	216	-643
260	619	-076	192	769	-731	260	911	-175	119	195	-582	270	122	-188	113	194	-552
260	620	-104	191	764	-612	260	912	-184	124	237	-589	270	123	-186	120	189	-599
260	621	-070	138	420	-620	260	913	-227	144	271	-764	270	124	-190	119	204	-578
260	622	-011	123	399	-341	260	914	-238	131	200	-676	270	125	-204	122	192	-629
260	623	-088	133	546	-338	260	915	-194	145	353	-709	270	126	-217	121	218	-606
260	624	-057	166	603	-535	260	916	-129	125	314	-510	270	127	-255	124	167	-701

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
270	128	-196	128	330	-661	270	178	-224	123	197	-752	270	228	-245	137	279	-743
270	129	-212	147	342	-694	270	179	-224	120	159	-679	270	229	-256	135	118	-835
270	130	-265	126	174	-733	270	180	-215	117	141	-624	270	230	-243	128	158	-938
270	131	-190	110	219	-630	270	181	-213	119	247	-680	270	231	-260	132	163	-951
270	132	-200	139	293	-627	270	182	-204	123	209	-661	270	232	-173	110	197	-557
270	133	-260	137	150	-733	270	183	-204	124	244	-674	270	233	-172	114	206	-529
270	134	-172	115	166	-564	270	184	-163	115	268	-528	270	234	-172	112	157	-534
270	135	-179	114	231	-575	270	185	-173	116	232	-611	270	235	-183	118	256	-576
270	136	-174	114	256	-550	270	186	-176	111	169	-592	270	236	-205	117	158	-606
270	137	-188	117	166	-618	270	187	-185	117	179	-539	270	237	-231	125	136	-656
270	138	-191	114	237	-576	270	188	-196	116	167	-617	270	238	-215	117	165	-669
270	139	-210	118	199	-709	270	189	-212	122	222	-603	270	239	-221	128	243	-643
270	140	-205	112	142	-632	270	190	-212	119	145	-639	270	240	-222	131	144	-746
270	141	-189	115	161	-582	270	191	-227	122	122	-779	270	241	-224	129	251	-739
270	142	-187	114	189	-596	270	192	-214	117	163	-667	270	242	-231	118	267	-646
270	143	-211	126	234	-822	270	193	-221	127	362	-623	270	243	-231	124	179	-846
270	144	-226	128	168	-736	270	194	-224	128	175	-811	270	244	-245	132	125	-664
270	145	-245	128	096	-687	270	195	-222	132	243	-807	270	245	-265	146	161	-913
270	146	-230	123	150	-661	270	196	-226	117	190	-659	270	246	-279	149	173	-178
270	147	-232	127	240	-766	270	197	-221	125	232	-746	270	247	-276	147	119	-935
270	148	-225	127	119	-733	270	198	-212	115	175	-609	270	248	-143	123	244	-569
270	149	-213	123	221	-637	270	199	-213	127	232	-687	270	249	-162	112	200	-543
270	150	-215	110	143	-745	270	200	-168	116	328	-611	270	250	-182	120	175	-615
270	151	-215	118	185	-641	270	201	-170	116	225	-572	270	251	-185	124	233	-649
270	152	-178	105	125	-559	270	202	-166	112	235	-571	270	252	-209	124	396	-672
270	153	-169	098	169	-461	270	203	-184	117	277	-553	270	253	-126	119	240	-497
270	154	-172	104	214	-562	270	204	-194	120	270	-561	270	254	-135	122	244	-568
270	155	-189	112	150	-566	270	205	-205	118	186	-587	270	255	-147	120	280	-589
270	156	-198	114	190	-572	270	206	-221	107	110	-569	270	256	-179	115	246	-576
270	157	-203	118	254	-565	270	207	-214	112	206	-606	270	257	-219	122	163	-754
270	158	-196	121	244	-565	270	208	-231	128	164	-737	270	258	-254	125	134	-675
270	159	-198	118	185	-596	270	209	-235	118	116	-632	270	259	-281	147	098	-1081
270	160	-215	107	125	-580	270	210	-242	127	142	-678	270	260	-120	117	260	-523
270	161	-216	114	175	-602	270	211	-232	128	186	-724	270	261	-134	111	227	-598
270	162	-237	125	173	-682	270	212	-243	134	189	-869	270	262	-138	104	292	-514
270	163	-235	114	178	-674	270	213	-236	130	151	-750	270	263	-161	124	230	-627
270	164	-228	116	154	-605	270	214	-229	128	138	-727	270	264	-172	122	191	-617
270	165	-215	121	200	-640	270	215	-227	123	193	-640	270	265	-203	116	182	-572
270	166	-211	121	157	-646	270	216	-179	127	267	-595	270	266	-225	125	156	-659
270	167	-210	121	204	-637	270	217	-167	113	183	-608	270	267	-260	135	198	-831
270	168	-174	117	200	-580	270	218	-165	103	276	-503	270	268	-217	111	133	-584
270	169	-173	109	207	-537	270	219	-179	113	256	-535	270	269	-105	129	270	-562
270	170	-186	120	241	-593	270	220	-200	124	177	-611	270	301	-208	119	170	-620
270	171	-184	113	147	-648	270	221	-220	120	157	-784	270	302	-224	128	150	-650
270	172	-195	104	231	-530	270	222	-231	127	193	-785	270	303	-244	132	295	-771
270	173	-208	113	253	-590	270	223	-215	125	238	-679	270	304	-252	127	163	-764
270	174	-205	120	173	-592	270	224	-223	122	209	-685	270	305	-240	128	192	-669
270	175	-212	116	145	-648	270	225	-234	123	158	-701	270	306	-243	120	137	-611
270	176	-222	118	157	-633	270	226	-237	129	151	-832	270	307	-220	119	139	-613
270	177	-214	127	212	-682	270	227	-243	128	180	-715	270	308	-212	131	172	-779

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	309	- .202	.106	.200	-.345	270	359	-.181	.113	.181	-.547	270	438	-.134	.146	.382	-.614
270	310	-.172	.126	.199	-.715	270	360	-.145	.118	.240	-.507	270	439	-.308	.180	.160	-1.031
270	311	-.167	.117	.261	-.538	270	361	-.138	.114	.207	-.511	270	440	-.194	.140	.243	-.940
270	312	-.158	.117	.187	-.567	270	362	-.133	.116	.286	-.623	270	441	-.138	.126	.222	-.650
270	313	-.202	.124	.184	-.686	270	363	-.190	.124	.162	-.608	270	442	-.120	.108	.301	-.500
270	314	-.200	.117	.302	-.630	270	364	-.160	.117	.209	-.715	270	443	-.124	.111	.300	-.503
270	315	-.157	.121	.216	-.508	270	365	-.164	.115	.339	-.535	270	444	-.122	.119	.272	-.486
270	316	-.148	.112	.182	-.551	270	366	-.170	.117	.187	-.592	270	445	-.197	.152	.737	-.250
270	317	-.158	.124	.291	-.551	270	367	-.155	.123	.242	-.629	270	446	-.172	.137	.668	-.237
270	318	-.154	.121	.230	-.612	270	368	-.140	.113	.279	-.529	270	447	-.224	.161	.885	-.197
270	319	-.158	.111	.249	-.504	270	369	-.138	.130	.263	-.680	270	448	-.195	.158	.847	-.225
270	320	-.156	.112	.222	-.510	270	370	-.127	.116	.319	-.482	270	449	-.155	.138	.596	-.272
270	321	-.155	.116	.249	-.671	270	371	-.121	.116	.238	-.541	270	450	-.136	.136	.588	-.270
270	322	-.157	.113	.215	-.553	270	401	-.188	.180	.845	-.395	270	451	-.082	.147	.618	-.358
270	323	-.158	.124	.279	-.549	270	402	-.166	.161	.791	-.328	270	452	-.089	.151	.687	-.358
270	324	-.164	.117	.252	-.629	270	403	-.109	.140	.590	-.389	270	453	-.035	.137	.443	-.487
270	325	-.153	.116	.211	-.563	270	404	-.003	.144	.536	-.549	270	454	-.114	.137	.400	-.552
270	326	-.154	.110	.215	-.527	270	405	-.326	.181	.229	-1.156	270	455	-.302	.175	.294	-.990
270	327	-.159	.112	.257	-.526	270	406	-.158	.128	.238	-.630	270	456	-.298	.184	.274	-1.141
270	328	-.158	.115	.283	-.510	270	407	-.184	.117	.245	-.586	270	457	-.165	.164	.369	-.780
270	329	-.159	.114	.235	-.546	270	408	-.096	.157	.639	-.589	270	458	-.102	.118	.324	-.660
270	330	-.154	.104	.142	-.550	270	409	-.026	.154	.525	-.521	270	459	-.113	.121	.256	-.534
270	331	-.149	.104	.243	-.530	270	410	-.067	.152	.624	-.585	270	460	-.138	.110	.240	-.512
270	332	-.157	.110	.283	-.530	270	411	-.167	.131	.207	-.671	270	461	-.155	.154	.681	-.352
270	333	-.159	.105	.227	-.539	270	412	-.324	.165	.151	-1.127	270	462	-.165	.166	.834	-.370
270	334	-.164	.109	.195	-.556	270	413	-.205	.134	.302	-.684	270	463	-.183	.150	.850	-.277
270	335	-.148	.114	.211	-.562	270	414	-.147	.132	.294	-.721	270	464	-.164	.137	.728	-.233
270	336	-.154	.118	.246	-.539	270	415	-.074	.152	.652	-.369	270	465	-.155	.135	.714	-.285
270	337	-.155	.110	.237	-.527	270	416	-.064	.155	.705	-.433	270	466	-.119	.128	.665	-.299
270	338	-.161	.116	.207	-.517	270	417	-.021	.142	.543	-.470	270	467	-.105	.134	.608	-.427
270	339	-.158	.108	.207	-.495	270	418	-.087	.161	.638	-.437	270	468	-.062	.133	.579	-.411
270	340	-.168	.123	.253	-.549	270	419	-.045	.146	.632	-.518	270	469	-.053	.132	.346	-.456
270	341	-.159	.111	.179	-.588	270	420	-.005	.131	.481	-.488	270	470	-.124	.141	.325	-.571
270	342	-.164	.102	.266	-.534	270	421	-.029	.139	.571	-.459	270	471	-.306	.157	.328	-.855
270	343	-.167	.110	.282	-.521	270	422	-.066	.131	.435	-.524	270	472	-.347	.165	.180	-1.040
270	344	-.167	.114	.189	-.550	270	423	-.255	.156	.220	-.935	270	473	-.210	.164	.291	-.848
270	345	-.163	.113	.204	-.626	270	424	-.229	.140	.189	-.885	270	474	-.134	.146	.300	-.975
270	346	-.173	.115	.220	-.564	270	425	-.226	.132	.210	-.667	270	475	-.134	.134	.372	-.730
270	347	-.159	.117	.214	-.612	270	426	-.224	.131	.246	-.763	270	476	-.129	.121	.231	-.823
270	348	-.170	.113	.231	-.588	270	427	-.108	.174	.801	-.360	270	477	-.119	.147	.602	-.294
270	349	-.169	.110	.192	-.603	270	428	-.050	.159	.556	-.460	270	478	-.149	.146	.878	-.255
270	350	-.172	.116	.193	-.551	270	429	-.112	.149	.738	-.335	270	479	-.163	.154	.761	-.299
270	351	-.180	.118	.194	-.642	270	430	-.156	.161	.744	-.332	270	480	-.143	.133	.544	-.384
270	352	-.174	.117	.219	-.610	270	431	-.178	.174	.820	-.373	270	481	-.121	.141	.690	-.340
270	353	-.154	.123	.228	-.591	270	432	-.149	.156	.908	-.299	270	482	-.106	.133	.592	-.399
270	354	-.151	.127	.266	-.561	270	433	-.131	.152	.718	-.313	270	483	-.079	.130	.677	-.317
270	355	-.159	.119	.226	-.604	270	434	-.106	.147	.748	-.414	270	484	-.036	.130	.406	-.373
270	356	-.170	.114	.184	-.618	270	435	-.047	.145	.589	-.404	270	485	-.070	.126	.371	-.535
270	357	-.170	.116	.199	-.601	270	436	-.034	.137	.602	-.504	270	486	-.137	.135	.253	-.694
270	358	-.174	.115	.204	-.614	270	437	-.079	.131	.406	-.470	270	487	-.305	.153	.117	-.851

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	488	-.305	.151	.227	-.886	270	538	-.127	.121	.220	-.519	270	626	-.064	.123	.383	-.507
270	489	-.194	.167	.311	-.849	270	539	-.134	.123	.262	-.600	270	627	-.001	.118	.488	-.412
270	490	-.133	.141	.305	-.606	270	540	-.148	.125	.267	-.584	270	628	.075	.133	.738	-.408
270	491	-.137	.121	.227	-.607	270	541	-.005	.115	.346	-.403	270	629	.069	.142	.691	-.375
270	492	-.128	.116	.291	-.541	270	542	-.092	.125	.343	-.570	270	630	.076	.162	.630	-.453
270	493	.121	.138	.863	-.299	270	543	-.126	.107	.188	-.476	270	631	-.064	.113	.374	-.404
270	494	.128	.140	.616	-.280	270	544	-.235	.119	.203	-.681	270	632	-.003	.128	.413	-.432
270	495	.120	.129	.564	-.240	270	545	-.225	.133	.163	-.699	270	633	.067	.119	.524	-.302
270	496	.112	.114	.511	-.234	270	546	-.151	.127	.335	-.615	270	634	.080	.145	.626	-.511
270	497	.089	.126	.763	-.254	270	547	-.120	.120	.226	-.601	270	635	.079	.147	.672	-.425
270	498	.090	.127	.649	-.341	270	548	-.126	.106	.275	-.442	270	636	-.053	.117	.343	-.450
270	499	.052	.132	.496	-.365	270	549	-.139	.104	.208	-.457	270	637	.001	.117	.448	-.442
270	500	.038	.130	.595	-.388	270	550	.098	.089	.379	-.208	270	638	.064	.115	.442	-.287
270	501	-.066	.133	.345	-.505	270	551	.101	.109	.479	-.316	270	639	.076	.124	.499	-.379
270	502	-.139	.135	.297	-.706	270	552	.109	.109	.484	-.230	270	640	.070	.132	.517	-.409
270	503	-.296	.157	.171	-.829	270	553	.110	.113	.499	-.221	270	641	-.050	.129	.384	-.483
270	504	-.263	.152	.201	-.892	270	554	.111	.117	.543	-.293	270	642	.011	.134	.392	-.422
270	505	-.188	.150	.296	-.738	270	555	.101	.118	.558	-.251	270	643	.072	.127	.497	-.281
270	506	-.141	.131	.257	-.844	270	556	.092	.112	.448	-.267	270	644	.073	.132	.522	-.302
270	507	-.131	.122	.289	-.671	270	557	.065	.130	.613	-.340	270	645	.060	.132	.501	-.352
270	508	-.138	.124	.300	-.651	270	558	.049	.115	.466	-.365	270	646	-.062	.130	.416	-.499
270	509	.095	.121	.483	-.324	270	559	-.009	.115	.392	-.348	270	647	.037	.110	.435	-.327
270	510	.094	.115	.524	-.269	270	560	-.236	.132	.120	-.739	270	648	.034	.131	.430	-.384
270	511	.100	.113	.471	-.266	270	561	-.218	.123	.186	-.717	270	649	-.064	.134	.395	-.582
270	512	.091	.113	.590	-.310	270	562	-.165	.110	.170	-.553	270	650	.031	.115	.383	-.319
270	513	.092	.115	.463	-.353	270	601	-.001	.144	.510	-.513	270	651	.059	.126	.456	-.427
270	514	.069	.121	.532	-.333	270	602	.069	.151	.704	-.427	270	801	-.166	.117	.186	-.612
270	515	.033	.123	.470	-.325	270	603	.075	.172	.823	-.595	270	802	-.175	.117	.259	-.651
270	516	.023	.128	.442	-.398	270	604	-.158	.139	.359	-.638	270	803	-.128	.120	.209	-.578
270	517	-.077	.128	.320	-.523	270	605	-.062	.147	.557	-.526	270	804	-.186	.126	.280	-.619
270	518	-.155	.125	.278	-.556	270	606	-.108	.157	.479	-.687	270	805	-.209	.148	.257	-.876
270	519	-.272	.138	.174	-.819	270	607	-.172	.178	.569	-.901	270	806	-.246	.139	.240	-.787
270	520	-.262	.147	.261	-.932	270	608	-.062	.162	.556	-.537	270	807	-.244	.130	.218	-.767
270	521	-.180	.161	.293	-.912	270	609	.009	.157	.607	-.442	270	901	-.277	.136	.185	-.752
270	522	-.128	.129	.242	-.603	270	610	.036	.201	.695	-.690	270	902	-.238	.119	.136	-.729
270	523	-.129	.128	.334	-.587	270	611	-.002	.143	.492	-.532	270	903	-.339	.159	.113	-1.102
270	524	-.144	.123	.241	-.587	270	612	.024	.141	.527	-.490	270	904	-.172	.135	.370	-.712
270	525	.071	.119	.496	-.331	270	613	.053	.145	.729	-.417	270	905	-.196	.126	.260	-.654
270	526	.086	.123	.431	-.434	270	614	.083	.151	.645	-.354	270	906	-.319	.150	.240	-.821
270	527	.082	.116	.480	-.257	270	615	.090	.161	.709	-.497	270	907	-.177	.130	.272	-.573
270	528	.089	.118	.464	-.359	270	616	.044	.128	.546	-.409	270	908	-.227	.130	.175	-.804
270	529	.094	.109	.474	-.241	270	617	.040	.145	.683	-.476	270	909	-.238	.136	.164	-.773
270	530	.058	.120	.461	-.318	270	618	.139	.151	.710	-.294	270	910	-.243	.131	.172	-.736
270	531	.022	.114	.392	-.372	270	619	.133	.178	.757	-.453	270	911	-.175	.123	.277	-.633
270	532	.011	.114	.374	-.356	270	620	.134	.194	.986	-.548	270	912	-.194	.128	.284	-.581
270	533	.089	.115	.286	-.491	270	621	-.033	.133	.479	-.449	270	913	-.209	.140	.265	-.752
270	534	-.143	.108	.187	-.564	270	622	.031	.124	.396	-.346	270	914	-.271	.128	.165	-.794
270	535	-.237	.132	.212	-.796	270	623	.107	.132	.835	-.306	270	915	-.215	.138	.379	-.746
270	536	-.215	.135	.219	-.770	270	624	.114	.151	.640	-.556	270	916	-.157	.127	.273	-.593
270	537	-.187	.128	.184	-.688	270	625	.104	.171	.633	-.706	270	917	-.225	.124	.179	-.695

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	918	-187	119	205	-552	280	129	-151	151	390	-684	280	179	-264	145	262	-876
270	919	-189	119	229	-588	280	130	-243	132	347	-693	280	180	-248	130	184	-710
270	920	-239	120	165	-640	280	131	-181	111	208	-560	280	181	-239	139	203	-754
270	921	-232	119	153	-667	280	132	-142	144	469	-612	280	182	-244	132	187	-760
270	922	-085	137	396	-521	280	133	-256	129	159	-696	280	183	-239	140	177	-1090
270	923	-095	144	407	-477	280	134	-185	111	138	-577	280	184	-174	112	162	-518
270	924	-166	118	203	-545	280	135	-178	118	183	-571	280	185	-177	112	200	-561
270	925	-182	112	150	-538	280	136	-190	115	249	-538	280	186	-176	113	181	-575
270	926	-193	108	242	-588	280	137	-192	124	300	-611	280	187	-190	114	215	-609
270	927	-217	125	146	-664	280	138	-195	113	126	-569	280	188	-219	116	154	-636
270	928	-207	124	184	-780	280	139	-213	113	126	-651	280	189	-218	115	148	-675
270	929	-211	115	167	-559	280	140	-202	117	188	-592	280	190	-212	122	196	-669
270	930	-219	127	174	-657	280	141	-197	114	189	-609	280	191	-228	122	231	-700
270	931	-192	124	191	-692	280	142	-209	119	142	-646	280	192	-228	124	231	-646
270	932	-208	106	150	-526	280	143	-221	122	182	-826	280	193	-243	130	175	-773
270	933	-220	123	140	-684	280	144	-224	131	211	-785	280	194	-262	137	162	-786
270	934	-208	124	199	-754	280	145	-243	131	166	-745	280	195	-263	138	189	-1039
270	935	-226	132	164	-797	280	146	-237	135	272	-830	280	196	-264	153	193	-903
270	936	-226	138	263	-938	280	147	-250	134	176	-863	280	197	-262	138	154	-917
270	937	-191	132	305	-903	280	148	-261	135	161	-723	280	198	-261	129	111	-803
270	938	-267	141	295	-764	280	149	-268	129	129	-808	280	199	-263	143	167	-919
270	939	-331	145	232	-859	280	150	-263	138	152	-782	280	200	-167	118	306	-577
280	101	-215	124	197	-785	280	151	-263	139	126	-912	280	201	-163	124	262	-602
280	102	-211	130	221	-778	280	152	-184	102	151	-515	280	202	-165	115	262	-618
280	103	-210	128	208	-719	280	153	-185	099	108	-488	280	203	-185	117	207	-603
280	104	-225	131	226	-779	280	154	-179	105	256	-517	280	204	-198	112	180	-713
280	105	-280	141	193	-847	280	155	-192	120	205	-649	280	205	-212	113	151	-605
280	106	-267	129	140	-936	280	156	-207	115	225	-597	280	206	-224	116	164	-685
280	107	-250	130	146	-805	280	157	-214	120	234	-542	280	207	-227	121	203	-645
280	108	-236	130	315	-733	280	158	-206	111	156	-676	280	208	-227	124	121	-656
280	109	-231	121	186	-620	280	159	-205	113	189	-600	280	209	-231	133	160	-702
280	110	-208	121	198	-628	280	160	-221	117	189	-654	280	210	-272	147	187	-1084
280	111	-225	118	135	-642	280	161	-223	120	219	-653	280	211	-246	143	249	-786
280	112	-274	140	200	-934	280	162	-235	126	162	-608	280	212	-270	139	125	-799
280	113	-272	153	246	-1081	280	163	-237	132	199	-707	280	213	-279	142	101	-829
280	114	-232	119	131	-746	280	164	-264	133	142	-758	280	214	-271	146	171	-839
280	115	-239	131	173	-736	280	165	-253	141	212	-805	280	215	-257	134	167	-874
280	116	-318	159	151	-973	280	166	-255	129	108	-771	280	216	-160	114	252	-569
280	117	-204	122	205	-732	280	167	-255	131	154	-748	280	217	-159	115	214	-582
280	118	-211	126	163	-610	280	168	-187	113	262	-539	280	218	-162	114	337	-544
280	119	-227	122	191	-668	280	169	-174	106	173	-530	280	219	-179	121	203	-566
280	120	-221	125	159	-686	280	170	-181	111	197	-584	280	220	-206	120	186	-605
280	121	-208	117	177	-704	280	171	-196	115	173	-568	280	221	-220	123	216	-592
280	122	-202	115	173	-913	280	172	-210	118	206	-597	280	222	-240	133	164	-848
280	123	-207	120	207	-614	280	173	-218	121	162	-640	280	223	-228	124	181	-714
280	124	-212	123	190	-600	280	174	-215	122	212	-622	280	224	-233	131	167	-789
280	125	-216	121	145	-659	280	175	-221	123	253	-663	280	225	-256	140	235	-751
280	126	-229	136	243	-673	280	176	-241	132	155	-751	280	226	-256	135	176	-730
280	127	-288	139	162	-742	280	177	-234	122	133	-741	280	227	-243	136	210	-691
280	128	-164	128	257	-627	280	178	-248	135	194	-922	280	228	-281	148	219	-841

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	229	- .277	.144	.308	-1.077	280	310	- .175	.114	.244	- .530	280	360	- .143	.113	.338	- .657
280	230	- .284	.134	.115	- .960	280	311	- .166	.117	.260	- .605	280	361	- .122	.106	.245	- .489
280	231	- .285	.142	.115	- .795	280	312	- .176	.115	.216	- .565	280	362	- .137	.122	.312	- .528
280	232	- .165	.112	.213	- .546	280	313	- .217	.121	.166	- .627	280	363	- .162	.115	.222	- .532
280	233	- .162	.110	.219	- .512	280	314	- .198	.123	.144	- .697	280	364	- .157	.121	.253	- .552
280	234	- .165	.111	.191	- .507	280	315	- .153	.118	.251	- .607	280	365	- .156	.108	.207	- .572
280	235	- .170	.113	.245	- .638	280	316	- .151	.113	.319	- .537	280	366	- .162	.109	.183	- .693
280	236	- .191	.117	.207	- .567	280	317	- .159	.111	.195	- .541	280	367	- .149	.118	.306	- .586
280	237	- .220	.121	.194	- .675	280	318	- .161	.115	.216	- .603	280	368	- .137	.116	.292	- .485
280	238	- .217	.119	.236	- .687	280	319	- .162	.108	.181	- .524	280	369	- .122	.121	.293	- .496
280	239	- .222	.121	.191	- .668	280	320	- .161	.124	.235	- .574	280	370	- .118	.111	.242	- .605
280	240	- .231	.122	.181	- .641	280	321	- .158	.119	.187	- .617	280	371	- .112	.104	.246	- .480
280	241	- .246	.130	.158	- .710	280	322	- .161	.108	.190	- .494	280	401	- .174	.160	.691	- .312
280	242	- .229	.134	.166	- .738	280	323	- .168	.122	.218	- .583	280	402	- .152	.153	.655	- .286
280	243	- .232	.129	.174	- .671	280	324	- .168	.115	.294	- .543	280	403	- .086	.131	.468	- .324
280	244	- .262	.123	.107	- .714	280	325	- .155	.127	.236	- .852	280	404	- .067	.141	.415	- .588
280	245	- .304	.155	.081	- .983	280	326	- .156	.108	.249	- .557	280	405	- .368	.209	.219	-1.340
280	246	- .313	.173	.322	- .979	280	327	- .164	.112	.206	- .781	280	406	- .182	.139	.240	- .770
280	247	- .299	.161	.212	- .859	280	328	- .160	.104	.163	- .520	280	407	- .202	.110	.247	- .606
280	248	- .136	.114	.260	- .509	280	329	- .163	.103	.192	- .567	280	408	- .067	.160	.628	- .541
280	249	- .153	.105	.181	- .526	280	330	- .149	.104	.216	- .572	280	409	- .022	.150	.635	- .444
280	250	- .161	.115	.329	- .561	280	331	- .148	.105	.272	- .639	280	410	- .060	.138	.472	- .469
280	251	- .167	.106	.156	- .562	280	332	- .144	.106	.258	- .517	280	411	- .177	.130	.271	- .611
280	252	- .200	.119	.186	- .654	280	333	- .153	.113	.192	- .587	280	412	- .410	.178	.085	-1.109
280	253	- .116	.104	.213	- .452	280	334	- .168	.112	.235	- .492	280	413	- .222	.139	.301	- .784
280	254	- .118	.097	.234	- .428	280	335	- .139	.122	.256	- .579	280	414	- .156	.132	.277	- .604
280	255	- .130	.105	.238	- .475	280	336	- .144	.112	.192	- .671	280	415	- .088	.155	.715	- .354
280	256	- .172	.120	.187	- .653	280	337	- .152	.112	.203	- .517	280	416	- .084	.144	.579	- .328
280	257	- .214	.130	.175	- .641	280	338	- .155	.108	.276	- .527	280	417	- .036	.142	.604	- .430
280	258	- .263	.121	.076	- .729	280	339	- .159	.104	.179	- .502	280	418	- .058	.152	.571	- .387
280	259	- .320	.171	.209	-1.470	280	340	- .151	.113	.249	- .567	280	419	- .028	.149	.675	- .417
280	260	- .110	.112	.370	- .609	280	341	- .152	.114	.235	- .538	280	420	- .014	.139	.500	- .448
280	261	- .116	.102	.182	- .506	280	342	- .161	.113	.269	- .646	280	421	- .061	.127	.493	- .518
280	262	- .140	.115	.278	- .533	280	343	- .169	.120	.198	- .572	280	422	- .102	.123	.278	- .595
280	263	- .136	.113	.286	- .460	280	344	- .168	.115	.209	- .555	280	423	- .287	.153	.176	- .878
280	264	- .171	.127	.234	- .565	280	345	- .153	.115	.222	- .468	280	424	- .247	.135	.180	- .757
280	265	- .199	.114	.169	- .578	280	346	- .165	.117	.203	- .567	280	425	- .233	.137	.263	- .725
280	266	- .231	.116	.132	- .764	280	347	- .161	.104	.178	- .561	280	426	- .233	.136	.207	- .688
280	267	- .281	.141	.165	- .902	280	348	- .160	.109	.202	- .565	280	427	- .080	.164	.756	- .406
280	268	- .229	.121	.122	- .639	280	349	- .161	.114	.202	- .531	280	428	- .057	.160	.730	- .419
280	269	- .116	.125	.296	- .552	280	350	- .151	.114	.342	- .546	280	429	- .126	.149	.726	- .344
280	301	- .223	.115	.171	- .610	280	351	- .159	.107	.189	- .551	280	430	- .160	.155	.656	- .271
280	302	- .226	.119	.152	- .760	280	352	- .150	.109	.232	- .542	280	431	- .146	.144	.663	- .250
280	303	- .231	.117	.199	- .697	280	353	- .138	.108	.230	- .506	280	432	- .125	.159	.806	- .322
280	304	- .239	.125	.158	- .790	280	354	- .124	.103	.186	- .536	280	433	- .085	.144	.601	- .410
280	305	- .240	.121	.127	- .671	280	355	- .151	.106	.219	- .526	280	434	- .097	.149	.740	- .384
280	306	- .236	.131	.172	- .671	280	356	- .152	.119	.240	- .559	280	435	- .004	.132	.616	- .437
280	307	- .212	.119	.134	- .722	280	357	- .154	.118	.186	- .520	280	436	- .061	.125	.533	- .526
280	308	- .207	.125	.234	- .583	280	358	- .161	.105	.187	- .502	280	437	- .101	.119	.311	- .506
280	309	- .205	.095	.082	- .545	280	359	- .168	.111	.200	- .552	280	438	- .154	.134	.340	- .611

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
280	439	- .360	.174	.119	-1.101	280	489	- .227	.164	.297	- .830	280	539	- .134	.126	.275	- .626
280	440	- .282	.158	.184	- .934	280	490	- .178	.139	.242	- .842	280	540	- .134	.117	.241	- .610
280	441	- .181	.132	.237	- .716	280	491	- .141	.124	.250	- .722	280	541	- .010	.111	.347	- .397
280	442	- .156	.117	.188	- .582	280	492	- .153	.123	.268	- .670	280	542	- .101	.113	.270	- .443
280	443	- .140	.110	.205	- .568	280	493	- .118	.126	.314	- .280	280	543	- .127	.118	.243	- .551
280	444	- .145	.115	.234	- .596	280	494	- .120	.123	.330	- .435	280	544	- .233	.128	.121	- .907
280	445	- .170	.136	.684	- .249	280	495	- .133	.137	.642	- .386	280	545	- .213	.129	.223	- .624
280	446	- .190	.128	.560	- .170	280	496	- .119	.118	.541	- .231	280	546	- .147	.120	.226	- .549
280	447	- .210	.143	.726	- .178	280	497	- .104	.126	.593	- .310	280	547	- .125	.109	.291	- .513
280	448	- .160	.137	.757	- .247	280	498	- .089	.130	.572	- .406	280	548	- .122	.107	.273	- .468
280	449	- .162	.158	.737	- .341	280	499	- .039	.125	.548	- .442	280	549	- .136	.101	.178	- .458
280	450	- .121	.140	.612	- .289	280	500	- .019	.119	.500	- .404	280	550	- .095	.085	.364	- .157
280	451	- .071	.145	.644	- .372	280	501	- .083	.126	.333	- .631	280	551	- .107	.110	.499	- .313
280	452	- .058	.149	.615	- .413	280	502	- .159	.122	.218	- .610	280	552	- .103	.103	.502	- .223
280	453	- .079	.135	.452	- .514	280	503	- .291	.125	.209	- .778	280	553	- .100	.110	.506	- .266
280	454	- .160	.129	.269	- .674	280	504	- .310	.150	.229	- .924	280	554	- .098	.097	.420	- .242
280	455	- .355	.157	.102	-1.018	280	505	- .205	.147	.252	- .856	280	555	- .093	.113	.519	- .271
280	456	- .357	.156	.121	-1.016	280	506	- .143	.145	.244	- .798	280	556	- .090	.104	.401	- .303
280	457	- .223	.153	.204	- .957	280	507	- .137	.129	.326	- .564	280	557	- .058	.100	.405	- .278
280	458	- .171	.137	.265	- .804	280	508	- .135	.119	.251	- .589	280	558	- .060	.106	.481	- .280
280	459	- .139	.114	.224	- .604	280	509	- .090	.124	.518	- .383	280	559	- .000	.120	.340	- .414
280	460	- .145	.126	.229	- .540	280	510	- .104	.120	.548	- .369	280	560	- .205	.130	.321	- .645
280	461	- .166	.143	.823	- .266	280	511	- .105	.119	.483	- .264	280	561	- .198	.107	.173	- .541
280	462	- .165	.138	.622	- .279	280	512	- .097	.108	.467	- .271	280	562	- .154	.107	.235	- .553
280	463	- .174	.139	.654	- .255	280	513	- .082	.121	.474	- .317	280	601	- .070	.154	.667	- .441
280	464	- .154	.141	.667	- .356	280	514	- .073	.124	.490	- .386	280	602	- .124	.166	.672	- .363
280	465	- .125	.124	.593	- .274	280	515	- .027	.124	.476	- .306	280	603	- .123	.176	.836	- .470
280	466	- .110	.130	.662	- .283	280	516	- .022	.125	.492	- .362	280	604	- .124	.130	.316	- .641
280	467	- .059	.141	.603	- .368	280	517	- .087	.127	.515	- .538	280	605	- .019	.164	.657	- .559
280	468	- .046	.139	.535	- .445	280	518	- .135	.128	.257	- .561	280	606	- .039	.169	.556	- .604
280	469	- .099	.133	.382	- .540	280	519	- .267	.143	.293	- .830	280	607	- .119	.166	.563	- .857
280	470	- .164	.131	.255	- .598	280	520	- .270	.135	.203	- .771	280	608	- .037	.180	.750	- .576
280	471	- .339	.160	.182	- .926	280	521	- .186	.147	.262	- .695	280	609	- .092	.180	.809	- .399
280	472	- .309	.148	.129	- .850	280	522	- .151	.146	.420	- .680	280	610	- .120	.198	.799	- .597
280	473	- .236	.173	.284	- .837	280	523	- .132	.123	.285	- .696	280	611	- .015	.148	.490	- .435
280	474	- .187	.151	.258	- .726	280	524	- .138	.117	.239	- .592	280	612	- .069	.156	.672	- .425
280	475	- .153	.133	.224	- .824	280	525	- .076	.114	.424	- .324	280	613	- .117	.149	.637	- .438
280	476	- .161	.141	.392	-1.041	280	526	- .082	.113	.461	- .284	280	614	- .119	.153	.649	- .331
280	477	- .129	.141	.587	- .426	280	527	- .103	.112	.510	- .284	280	615	- .116	.156	.753	- .383
280	478	- .149	.138	.714	- .239	280	528	- .103	.120	.541	- .356	280	616	- .004	.129	.489	- .434
280	479	- .152	.131	.666	- .286	280	529	- .086	.107	.490	- .272	280	617	- .103	.159	.711	- .372
280	480	- .146	.128	.662	- .248	280	530	- .068	.117	.538	- .314	280	618	- .149	.144	.743	- .382
280	481	- .125	.125	.612	- .228	280	531	- .025	.113	.404	- .392	280	619	- .185	.166	.764	- .351
280	482	- .107	.135	.600	- .374	280	532	- .021	.115	.405	- .379	280	620	- .190	.169	.778	- .448
280	483	- .048	.116	.497	- .324	280	533	- .072	.119	.509	- .487	280	621	- .016	.134	.502	- .469
280	484	- .037	.129	.511	- .341	280	534	- .136	.121	.236	- .555	280	622	- .065	.141	.594	- .485
280	485	- .088	.126	.300	- .563	280	535	- .232	.138	.251	- .824	280	623	- .135	.137	.646	- .256
280	486	- .179	.131	.243	- .652	280	536	- .247	.130	.212	- .744	280	624	- .138	.152	.765	- .489
280	487	- .300	.146	.145	- .834	280	537	- .168	.131	.222	- .575	280	625	- .148	.163	.700	- .529
280	488	- .318	.147	.173	- .827	280	538	- .137	.120	.294	- .552	280	626	- .049	.132	.425	- .510

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	627	.035	.136	.539	-.339	280	919	-.187	.129	.268	-.653	290	130	-.208	.156	.525	-.775
280	628	.108	.125	.544	-.343	280	920	-.228	.123	.096	-.611	290	131	-.156	.115	.328	-.599
280	629	.118	.134	.576	-.273	280	921	-.226	.110	.136	-.575	290	132	-.104	.140	.469	-.547
280	630	.112	.127	.537	-.359	280	922	-.120	.135	.434	-.575	290	133	-.221	.142	.328	-.800
280	631	-.058	.122	.308	-.457	280	923	-.042	.138	.472	-.580	290	134	-.170	.114	.220	-.524
280	632	.010	.122	.491	-.326	280	924	-.154	.114	.287	-.685	290	135	-.170	.110	.272	-.511
280	633	.079	.131	.481	-.327	280	925	-.164	.102	.142	-.551	290	136	-.163	.107	.185	-.516
280	634	.097	.133	.524	-.400	280	926	-.200	.114	.154	-.629	290	137	-.173	.110	.183	-.520
280	635	.101	.123	.606	-.273	280	927	-.205	.119	.212	-.711	290	138	-.179	.113	.210	-.547
280	636	-.059	.124	.352	-.553	280	928	-.216	.126	.167	-.650	290	139	-.184	.126	.181	-.573
280	637	.018	.123	.474	-.392	280	929	-.209	.114	.179	-.599	290	140	-.194	.115	.249	-.579
280	638	.078	.127	.510	-.277	280	930	-.213	.116	.196	-.755	290	141	-.190	.110	.151	-.551
280	639	.084	.122	.517	-.357	280	931	-.183	.120	.247	-.693	290	142	-.197	.117	.170	-.655
280	640	.080	.126	.543	-.372	280	932	-.209	.120	.176	-.751	290	143	-.201	.126	.204	-.655
280	641	-.070	.126	.335	-.480	280	933	-.216	.123	.186	-.789	290	144	-.248	.140	.173	-.852
280	642	.002	.126	.421	-.397	280	934	-.193	.118	.189	-.660	290	145	-.262	.146	.124	-.850
280	643	.053	.118	.474	-.344	280	935	-.226	.125	.163	-.754	290	146	-.248	.153	.145	-.866
280	644	.076	.131	.461	-.505	280	936	-.211	.126	.277	-.871	290	147	-.249	.151	.237	-.902
280	645	.076	.127	.471	-.466	280	937	-.174	.126	.252	-.692	290	148	-.257	.156	.183	-.962
280	646	-.067	.120	.398	-.476	280	938	-.286	.140	.180	-.812	290	149	-.307	.153	.129	-.921
280	647	.048	.101	.413	-.268	280	939	-.327	.159	.197	-.881	290	150	-.326	.166	.201	-1.054
280	648	.049	.126	.446	-.425	290	101	-.203	.118	.160	-.631	290	151	-.353	.194	.160	-1.172
280	649	-.057	.130	.394	-.582	290	102	-.192	.130	.202	-.698	290	152	-.163	.108	.193	-.534
280	650	.034	.132	.484	-.406	290	103	-.204	.125	.188	-.693	290	153	-.164	.087	.131	-.501
280	651	.062	.122	.498	-.376	290	104	-.245	.143	.201	-.749	290	154	-.163	.099	.197	-.493
280	801	-.150	.113	.295	-.558	290	105	-.278	.142	.237	-.775	290	155	-.176	.118	.206	-.526
280	802	-.154	.113	.201	-.632	290	106	-.301	.159	.235	-.820	290	156	-.186	.108	.134	-.586
280	803	-.127	.109	.301	-.513	290	107	-.329	.164	.127	-1.215	290	157	-.197	.124	.168	-.601
280	804	-.186	.127	.252	-.639	290	108	-.202	.112	.183	-.572	290	158	-.197	.118	.320	-.745
280	805	-.220	.153	.208	-.904	290	109	-.192	.115	.251	-.648	290	159	-.206	.114	.176	-.586
280	806	-.255	.141	.197	-.846	290	110	-.200	.115	.266	-.589	290	160	-.227	.124	.229	-.629
280	807	-.254	.136	.149	-.819	290	111	-.224	.127	.158	-.689	290	161	-.231	.148	.264	-.784
280	901	-.266	.136	.151	-.763	290	112	-.292	.153	.152	-1.144	290	162	-.227	.124	.169	-.988
280	902	-.228	.116	.229	-.668	290	113	-.334	.179	.173	-1.627	290	163	-.238	.139	.170	-.802
280	903	-.330	.159	.251	-.896	290	114	-.209	.120	.151	-.617	290	164	-.285	.148	.289	-.945
280	904	-.158	.120	.241	-.553	290	115	-.216	.133	.272	-.678	290	165	-.320	.157	.197	-1.119
280	905	-.185	.125	.293	-.616	290	116	-.309	.157	.194	-1.040	290	166	-.316	.164	.182	-1.064
280	906	-.350	.154	.194	-.869	290	117	-.172	.116	.186	-.565	290	167	-.330	.158	.160	-.931
280	907	-.180	.124	.235	-.655	290	118	-.186	.113	.215	-.782	290	168	-.161	.124	.340	-.649
280	908	-.205	.120	.168	-.602	290	119	-.187	.114	.270	-.524	290	169	-.160	.114	.242	-.652
280	909	-.237	.116	.163	-.729	290	120	-.193	.117	.235	-.623	290	170	-.164	.115	.228	-.519
280	910	-.289	.144	.170	-.914	290	121	-.197	.125	.207	-.668	290	171	-.174	.113	.195	-.705
280	911	-.194	.124	.263	-.602	290	122	-.195	.124	.194	-.637	290	172	-.183	.112	.228	-.513
280	912	-.185	.117	.261	-.573	290	123	-.191	.127	.246	-.710	290	173	-.201	.114	.209	-.562
280	913	-.159	.151	.421	-.662	290	124	-.211	.122	.153	-.658	290	174	-.196	.119	.184	-.579
280	914	-.272	.130	.134	-.751	290	125	-.201	.129	.197	-.740	290	175	-.216	.121	.211	-.721
280	915	-.221	.134	.283	-.636	290	126	-.224	.127	.239	-.767	290	176	-.228	.133	.216	-.610
280	916	-.173	.120	.219	-.589	290	127	-.282	.141	.227	-.962	290	177	-.238	.136	.198	-.724
280	917	-.206	.126	.211	-.737	290	128	-.132	.136	.387	-.730	290	178	-.265	.146	.148	-.947
280	918	-.196	.116	.172	-.696	290	129	-.080	.162	.461	-.741	290	179	-.260	.152	.239	-.835

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	180	-275	152	191	-988	290	230	-288	150	178	-1098	290	311	-161	123	226	-596
290	181	-274	143	220	-850	290	231	-268	154	147	-1011	290	312	-159	113	222	-564
290	182	-281	140	106	-1140	290	232	-137	113	317	-475	290	313	-178	115	181	-566
290	183	-283	137	200	-1097	290	233	-130	107	252	-475	290	314	-178	119	153	-650
290	184	-155	113	254	-535	290	234	-141	108	219	-468	290	315	-142	117	244	-493
290	185	-146	120	242	-515	290	235	-139	115	293	-497	290	316	-150	115	175	-651
290	186	-156	113	301	-543	290	236	-181	113	134	-657	290	317	-154	126	227	-592
290	187	-162	109	225	-532	290	237	-189	121	204	-552	290	318	-155	116	286	-585
290	188	-183	112	162	-632	290	238	-203	130	149	-745	290	319	-152	110	179	-552
290	189	-183	125	273	-633	290	239	-206	133	226	-721	290	320	-144	119	221	-572
290	190	-213	123	229	-654	290	240	-214	128	184	-692	290	321	-147	109	227	-534
290	191	-206	127	163	-570	290	241	-216	121	131	-737	290	322	-145	113	234	-585
290	192	-232	139	170	-695	290	242	-208	128	188	-727	290	323	-152	112	277	-598
290	193	-239	145	261	-834	290	243	-215	130	187	-703	290	324	-151	110	230	-528
290	194	-247	149	179	-808	290	244	-245	132	284	-805	290	325	-144	125	261	-585
290	195	-255	148	159	-913	290	245	-276	155	230	-1006	290	326	-145	100	196	-495
290	196	-265	155	241	-870	290	246	-312	176	149	-1376	290	327	-148	114	224	-480
290	197	-288	163	168	-1043	290	247	-284	166	154	-1091	290	328	-146	100	295	-482
290	198	-293	151	147	-948	290	248	-116	112	242	-535	290	329	-147	103	168	-602
290	199	-293	150	223	-878	290	249	-129	119	256	-581	290	330	-142	108	197	-564
290	200	-144	113	267	-567	290	250	-155	120	223	-552	290	331	-133	122	323	-649
290	201	-141	123	232	-567	290	251	-160	122	283	-575	290	332	-135	103	197	-528
290	202	-147	101	162	-484	290	252	-180	117	171	-612	290	333	-142	116	259	-523
290	203	-166	118	180	-550	290	253	-104	109	247	-644	290	334	-148	114	267	-549
290	204	-179	108	275	-543	290	254	-106	114	283	-534	290	335	-126	103	204	-516
290	205	-186	106	162	-628	290	255	-116	117	288	-521	290	336	-126	118	292	-574
290	206	-217	119	216	-676	290	256	-155	121	200	-653	290	337	-135	109	249	-507
290	207	-210	131	212	-688	290	257	-205	120	217	-591	290	338	-134	121	345	-605
290	208	-219	124	216	-716	290	258	-261	144	239	-760	290	339	-134	112	213	-620
290	209	-241	141	200	-756	290	259	-266	174	306	-1320	290	340	-129	114	293	-507
290	210	-255	152	187	-1058	290	260	-099	108	267	-472	290	341	-124	111	275	-549
290	211	-251	137	180	-725	290	261	-106	115	342	-516	290	342	-133	106	275	-460
290	212	-264	153	274	-954	290	262	-119	112	290	-548	290	343	-147	105	208	-454
290	213	-293	159	278	-1121	290	263	-138	115	276	-587	290	344	-134	109	240	-505
290	214	-278	161	160	-904	290	264	-159	125	289	-575	290	345	-131	106	221	-514
290	215	-260	155	204	-920	290	265	-189	123	230	-702	290	346	-137	116	243	-549
290	216	-139	116	285	-524	290	266	-220	126	230	-728	290	347	-140	110	198	-480
290	217	-133	114	256	-581	290	267	-251	136	137	-1040	290	348	-140	108	257	-500
290	218	-142	108	252	-485	290	268	-229	128	129	-757	290	349	-133	110	259	-533
290	219	-159	106	191	-508	290	269	-122	118	391	-564	290	350	-144	117	235	-511
290	220	-170	113	220	-540	290	301	-188	115	157	-612	290	351	-144	118	257	-590
290	221	-193	119	216	-685	290	302	-211	126	178	-658	290	352	-130	108	207	-495
290	222	-211	131	196	-698	290	303	-205	131	217	-754	290	353	-123	112	241	-473
290	223	-218	130	175	-604	290	304	-229	132	217	-704	290	354	-114	119	298	-581
290	224	-232	128	145	-738	290	305	-203	119	208	-643	290	355	-130	115	282	-523
290	225	-226	133	180	-727	290	306	-220	119	140	-659	290	356	-134	112	216	-564
290	226	-236	133	174	-780	290	307	-190	124	191	-593	290	357	-137	109	244	-482
290	227	-241	135	248	-760	290	308	-189	120	197	-736	290	358	-146	125	282	-599
290	228	-256	137	230	-894	290	309	-178	109	214	-619	290	359	-134	111	247	-470
290	229	-276	136	155	-884	290	310	-166	119	192	-599	290	360	-127	111	263	-567

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	361	.111	.115	.271	.532	290	440	.261	.141	.155	.782	290	490	.154	.136	.303	.685
290	362	.113	.116	.260	.526	290	441	.191	.120	.169	.770	290	491	.136	.131	.389	.655
290	363	.152	.115	.266	.573	290	442	.152	.119	.232	.624	290	492	.143	.122	.303	.725
290	364	.130	.119	.292	.562	290	443	.148	.120	.201	.594	290	493	.096	.130	.574	.387
290	365	.131	.112	.288	.533	290	444	.141	.106	.208	.541	290	494	.118	.130	.537	.277
290	366	.135	.109	.280	.459	290	445	.159	.153	.790	.396	290	495	.107	.116	.469	.275
290	367	.131	.116	.225	.510	290	446	.156	.125	.637	.250	290	496	.117	.123	.525	.409
290	368	.120	.118	.266	.507	290	447	.152	.123	.538	.312	290	497	.108	.120	.585	.379
290	369	.106	.108	.289	.453	290	448	.143	.138	.666	.289	290	498	.083	.106	.470	.283
290	370	.110	.113	.231	.523	290	449	.106	.132	.513	.334	290	499	.041	.121	.484	.440
290	371	.111	.112	.277	.453	290	450	.096	.140	.696	.376	290	500	.022	.119	.422	.334
290	401	.143	.157	.714	.439	290	451	.045	.138	.542	.460	290	501	.081	.130	.372	.469
290	402	.110	.145	.662	.349	290	452	.018	.115	.540	.362	290	502	.153	.124	.251	.686
290	403	.048	.135	.516	.365	290	453	.091	.126	.333	.484	290	503	.276	.137	.306	.996
290	404	.086	.134	.367	.639	290	454	.158	.126	.262	.582	290	504	.266	.151	.215	.799
290	405	.374	.190	.246	.054	290	455	.322	.150	.135	.946	290	505	.183	.152	.254	.770
290	406	.204	.139	.201	.728	290	456	.313	.144	.140	.973	290	506	.138	.132	.257	.758
290	407	.190	.123	.250	.622	290	457	.244	.145	.258	.780	290	507	.118	.120	.288	.539
290	408	.063	.144	.378	.521	290	458	.173	.138	.349	.707	290	508	.131	.127	.304	.696
290	409	.040	.145	.465	.517	290	459	.147	.121	.265	.613	290	509	.091	.119	.489	.409
290	410	.078	.135	.361	.497	290	460	.142	.114	.271	.645	290	510	.097	.117	.486	.320
290	411	.193	.130	.319	.597	290	461	.141	.143	.702	.269	290	511	.112	.114	.435	.272
290	412	.377	.187	.147	.044	290	462	.153	.135	.637	.344	290	512	.099	.113	.499	.267
290	413	.210	.132	.210	.722	290	463	.163	.128	.575	.299	290	513	.098	.128	.557	.316
290	414	.159	.121	.301	.573	290	464	.126	.129	.526	.298	290	514	.079	.118	.447	.275
290	415	.077	.144	.610	.434	290	465	.123	.125	.664	.253	290	515	.038	.112	.459	.388
290	416	.053	.143	.617	.373	290	466	.097	.121	.539	.276	290	516	.027	.116	.446	.386
290	417	.021	.130	.528	.407	290	467	.058	.140	.599	.340	290	517	.064	.117	.340	.529
290	418	.027	.130	.517	.379	290	468	.028	.127	.532	.305	290	518	.123	.125	.249	.598
290	419	.006	.128	.509	.420	290	469	.092	.115	.361	.467	290	519	.238	.132	.238	.862
290	420	.031	.132	.410	.428	290	470	.157	.124	.307	.592	290	520	.241	.135	.186	.813
290	421	.067	.115	.334	.438	290	471	.286	.147	.154	.827	290	521	.161	.146	.294	.864
290	422	.114	.126	.257	.508	290	472	.317	.155	.134	.971	290	522	.109	.128	.294	.660
290	423	.267	.149	.161	.864	290	473	.227	.153	.217	.814	290	523	.112	.113	.226	.552
290	424	.225	.133	.192	.718	290	474	.176	.144	.260	.707	290	524	.115	.112	.251	.506
290	425	.217	.128	.205	.638	290	475	.151	.128	.265	.728	290	525	.075	.110	.515	.291
290	426	.219	.120	.151	.649	290	476	.135	.129	.250	.837	290	526	.088	.118	.463	.267
290	427	.044	.163	.706	.556	290	477	.122	.132	.588	.430	290	527	.099	.111	.474	.255
290	428	.031	.152	.541	.551	290	478	.123	.126	.572	.318	290	528	.092	.112	.534	.245
290	429	.118	.152	.774	.335	290	479	.146	.118	.567	.187	290	529	.091	.108	.486	.255
290	430	.126	.145	.832	.326	290	480	.131	.131	.571	.245	290	530	.074	.113	.489	.336
290	431	.126	.139	.578	.319	290	481	.112	.120	.501	.290	290	531	.044	.116	.443	.343
290	432	.081	.128	.584	.310	290	482	.082	.123	.599	.292	290	532	.029	.115	.435	.329
290	433	.062	.127	.527	.320	290	483	.043	.119	.491	.339	290	533	.054	.111	.444	.417
290	434	.060	.137	.658	.426	290	484	.023	.119	.546	.433	290	534	.113	.128	.337	.536
290	435	.007	.129	.482	.395	290	485	.090	.126	.333	.476	290	535	.221	.136	.235	.727
290	436	.077	.122	.308	.478	290	486	.168	.126	.228	.687	290	536	.205	.128	.183	.691
290	437	.116	.124	.357	.556	290	487	.274	.136	.110	.900	290	537	.131	.135	.437	.682
290	438	.166	.121	.259	.702	290	488	.299	.156	.161	.990	290	538	.110	.114	.258	.526
290	439	.342	.169	.149	.084	290	489	.226	.164	.246	.029	290	539	.101	.122	.309	.548

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	540	-.115	.123	.353	-.551	290	628	.130	.139	.729	-.333	290	920	-.202	.112	.158	-.573
290	541	-.001	.113	.408	-.432	290	629	.142	.135	.637	-.273	290	921	-.222	.128	.206	-.635
290	542	-.070	.115	.292	-.442	290	630	.129	.127	.618	-.303	290	922	-.136	.135	.348	-.632
290	543	-.107	.111	.215	-.583	290	631	-.033	.139	.601	-.475	290	923	-.015	.148	.485	-.535
290	544	-.203	.130	.194	-.622	290	632	.029	.126	.461	-.355	290	924	-.142	.112	.226	-.581
290	545	-.189	.128	.256	-.624	290	633	.098	.129	.575	-.409	290	925	-.150	.115	.302	-.579
290	546	-.130	.117	.247	-.524	290	634	.110	.128	.528	-.419	290	926	-.181	.118	.215	-.613
290	547	-.111	.115	.260	-.510	290	635	.123	.137	.613	-.385	290	927	-.206	.118	.230	-.646
290	548	-.107	.111	.259	-.533	290	636	-.050	.128	.527	-.529	290	928	-.198	.128	.274	-.762
290	549	-.111	.097	.216	-.402	290	637	.008	.122	.392	-.406	290	929	-.195	.117	.195	-.580
290	550	.095	.079	.482	-.220	290	638	.080	.126	.500	-.336	290	930	-.212	.124	.230	-.635
290	551	.108	.108	.467	-.295	290	639	.098	.128	.618	-.284	290	931	-.164	.115	.191	-.675
290	552	.105	.107	.439	-.245	290	640	.089	.138	.630	-.541	290	932	-.194	.121	.195	-.610
290	553	.112	.115	.539	-.266	290	641	-.071	.124	.331	-.501	290	933	-.199	.114	.186	-.590
290	554	.113	.118	.565	-.258	290	642	.001	.118	.397	-.446	290	934	-.184	.124	.182	-.781
290	555	.096	.111	.510	-.272	290	643	.058	.125	.523	-.322	290	935	-.222	.138	.161	-.854
290	556	.101	.104	.516	-.311	290	644	.070	.130	.507	-.389	290	936	-.190	.139	.277	-.900
290	557	.066	.115	.453	-.434	290	645	.049	.139	.514	-.488	290	937	-.178	.131	.261	-.669
290	558	.058	.112	.410	-.312	290	646	-.077	.129	.335	-.536	290	938	-.243	.131	.172	-.740
290	559	.005	.111	.453	-.392	290	647	.028	.116	.400	-.357	290	939	-.321	.149	.159	-.917
290	560	.187	.122	.266	-.698	290	648	.038	.140	.546	-.430	300	101	-.170	.123	.208	-.580
290	561	.180	.125	.255	-.641	290	649	-.076	.134	.480	-.556	300	102	-.175	.136	.303	-.713
290	562	.121	.109	.253	-.457	290	650	.018	.116	.375	-.417	300	103	-.200	.123	.160	-.639
290	601	.091	.153	.727	-.374	290	651	.033	.136	.490	-.443	300	104	-.222	.134	.337	-.711
290	602	.151	.175	.878	-.402	290	801	-.128	.106	.216	-.473	300	105	-.228	.136	.240	-.738
290	603	.179	.180	.843	-.530	290	802	-.134	.113	.228	-.586	300	106	-.318	.175	.236	-1.051
290	604	.109	.143	.434	-.720	290	803	-.116	.115	.261	-.526	300	107	-.376	.166	.097	-1.059
290	605	.011	.170	.618	-.671	290	804	-.187	.128	.225	-.720	300	108	-.168	.113	.196	-.557
290	606	.002	.179	.606	-.701	290	805	-.247	.146	.152	-.946	300	109	-.165	.134	.227	-.646
290	607	.067	.183	.637	-.649	290	806	-.273	.141	.087	-1.049	300	110	-.197	.107	.140	-.609
290	608	.065	.183	.703	-.642	290	807	-.235	.129	.118	-.668	300	111	-.233	.126	.200	-.709
290	609	.120	.197	.856	-.387	290	901	-.249	.130	.179	-.958	300	112	-.277	.160	.152	-.914
290	610	.151	.190	.878	-.671	290	902	-.216	.125	.178	-.641	300	113	-.345	.178	.261	-1.183
290	611	.045	.152	.682	-.427	290	903	-.337	.161	.141	-.994	300	114	-.155	.117	.301	-.563
290	612	.107	.161	.752	-.334	290	904	-.130	.137	.301	-.635	300	115	-.190	.131	.289	-.605
290	613	.120	.149	.665	-.261	290	905	-.168	.128	.229	-.620	300	116	-.295	.173	.128	-1.083
290	614	.124	.146	.755	-.302	290	906	-.318	.159	.209	-.984	300	117	-.150	.116	.252	-.680
290	615	.134	.156	.700	-.516	290	907	-.157	.121	.210	-.551	300	118	-.139	.116	.258	-.541
290	616	.024	.142	.578	-.503	290	908	-.191	.128	.217	-.697	300	119	-.145	.107	.238	-.500
290	617	.100	.151	.661	-.327	290	909	-.216	.130	.236	-.706	300	120	-.151	.118	.245	-.574
290	618	.182	.152	.762	-.371	290	910	-.322	.151	.138	-.948	300	121	-.184	.128	.220	-.893
290	619	.206	.163	.799	-.344	290	911	-.209	.122	.238	-.660	300	122	-.182	.127	.277	-.827
290	620	.156	.150	.686	-.480	290	912	-.185	.126	.287	-.628	300	123	-.183	.117	.230	-.639
290	621	.016	.142	.651	-.576	290	913	-.112	.145	.355	-.612	300	124	-.210	.132	.211	-.642
290	622	.071	.138	.518	-.450	290	914	-.260	.143	.317	-.770	300	125	-.171	.121	.241	-.580
290	623	.138	.149	.744	-.430	290	915	-.195	.128	.175	-.642	300	126	-.190	.132	.355	-.711
290	624	.172	.148	.719	-.279	290	916	-.163	.116	.220	-.624	300	127	-.257	.156	.218	-.876
290	625	.155	.138	.646	-.323	290	917	-.196	.114	.196	-.615	300	128	-.078	.128	.369	-.467
290	626	.033	.132	.600	-.528	290	918	-.172	.108	.211	-.537	300	129	-.022	.159	.422	-.609
290	627	.062	.145	.554	-.446	290	919	-.177	.122	.178	-.638	300	130	-.110	.179	.830	-.645

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	131	-.116	.117	.293	-.539	300	181	-.275	.159	.184	-1.085	300	231	-.249	.149	.154	-.854
300	132	-.037	.155	.567	-.625	300	182	-.279	.175	.256	-1.075	300	232	-.110	.106	.215	-.473
300	133	-.128	.162	.436	-.736	300	183	-.270	.149	.209	-.903	300	233	-.117	.109	.251	-.510
300	134	-.142	.112	.252	-.543	300	184	-.129	.123	.334	-.543	300	234	-.115	.110	.206	-.650
300	135	-.146	.102	.186	-.492	300	185	-.132	.112	.204	-.573	300	235	-.120	.111	.226	-.466
300	136	-.140	.128	.248	-.525	300	186	-.127	.108	.198	-.486	300	236	-.140	.111	.216	-.521
300	137	-.144	.111	.243	-.525	300	187	-.142	.115	.249	-.595	300	237	-.159	.110	.211	-.494
300	138	-.155	.126	.252	-.586	300	188	-.154	.120	.234	-.615	300	238	-.158	.114	.192	-.553
300	139	-.168	.114	.177	-.566	300	189	-.163	.120	.259	-.614	300	239	-.160	.122	.252	-.559
300	140	-.176	.110	.144	-.539	300	190	-.176	.127	.224	-.637	300	240	-.182	.121	.192	-.578
300	141	-.192	.116	.236	-.576	300	191	-.182	.122	.221	-.690	300	241	-.175	.120	.218	-.575
300	142	-.208	.126	.172	-.707	300	192	-.192	.132	.211	-.671	300	242	-.170	.116	.186	-.582
300	143	-.231	.139	.159	-.728	300	193	-.206	.137	.328	-.752	300	243	-.184	.117	.242	-.559
300	144	-.281	.164	.264	-.932	300	194	-.221	.147	.184	-.904	300	244	-.200	.119	.144	-.768
300	145	-.286	.156	.166	-1.008	300	195	-.210	.144	.271	-.912	300	245	-.215	.139	.187	-.760
300	146	-.219	.150	.167	-.915	300	196	-.219	.138	.184	-.860	300	246	-.234	.158	.189	-1.037
300	147	-.215	.158	.312	-.873	300	197	-.250	.145	.221	-.981	300	247	-.222	.153	.299	-1.129
300	148	-.232	.177	.223	-1.155	300	198	-.272	.156	.170	-1.051	300	248	-.098	.114	.315	-.452
300	149	-.240	.173	.282	-1.133	300	199	-.252	.147	.165	-1.035	300	249	-.111	.115	.249	-.569
300	150	-.266	.157	.218	-.826	300	200	-.123	.116	.309	-.479	300	250	-.123	.118	.260	-.518
300	151	-.338	.184	.258	-1.367	300	201	-.123	.122	.362	-.477	300	251	-.140	.117	.258	-.574
300	152	-.134	.103	.216	-.513	300	202	-.116	.111	.267	-.453	300	252	-.158	.113	.210	-.558
300	153	-.132	.088	.146	-.380	300	203	-.127	.112	.290	-.462	300	253	-.089	.106	.218	-.481
300	154	-.142	.106	.159	-.490	300	204	-.145	.119	.212	-.570	300	254	-.088	.106	.274	-.544
300	155	-.149	.121	.278	-.520	300	205	-.158	.118	.221	-.588	300	255	-.100	.108	.244	-.500
300	156	-.160	.119	.245	-.532	300	206	-.170	.117	.234	-.592	300	256	-.134	.110	.228	-.474
300	157	-.170	.121	.242	-.630	300	207	-.180	.121	.258	-.527	300	257	-.163	.118	.217	-.541
300	158	-.194	.135	.199	-.705	300	208	-.175	.129	.257	-.638	300	258	-.208	.121	.154	-.851
300	159	-.210	.125	.211	-.709	300	209	-.187	.126	.274	-.667	300	259	-.210	.134	.223	-1.014
300	160	-.235	.140	.187	-.761	300	210	-.221	.156	.192	-.971	300	260	-.091	.113	.278	-.480
300	161	-.263	.151	.165	-.850	300	211	-.207	.138	.195	-.842	300	261	-.095	.107	.303	-.635
300	162	-.203	.131	.218	-.680	300	212	-.198	.134	.192	-.818	300	262	-.095	.111	.247	-.464
300	163	-.188	.130	.264	-.668	300	213	-.231	.141	.183	-.974	300	263	-.103	.118	.324	-.460
300	164	-.230	.162	.201	-.818	300	214	-.223	.138	.252	-.786	300	264	-.139	.119	.271	-.564
300	165	-.294	.169	.336	-1.091	300	215	-.233	.150	.283	-.972	300	265	-.162	.118	.241	-.708
300	166	-.286	.162	.306	-.934	300	216	-.115	.115	.254	-.484	300	266	-.189	.132	.226	-.866
300	167	-.340	.186	.105	-1.154	300	217	-.110	.112	.241	-.469	300	267	-.209	.128	.216	-.705
300	168	-.138	.110	.217	-.561	300	218	-.109	.100	.234	-.471	300	268	-.181	.119	.236	-.602
300	169	-.134	.116	.268	-.555	300	219	-.122	.110	.234	-.499	300	269	-.105	.125	.331	-.582
300	170	-.139	.113	.226	-.489	300	220	-.152	.118	.231	-.660	300	301	-.161	.112	.270	-.524
300	171	-.141	.114	.227	-.585	300	221	-.174	.114	.239	-.527	300	302	-.177	.122	.253	-.578
300	172	-.154	.112	.264	-.562	300	222	-.172	.127	.231	-.560	300	303	-.174	.117	.209	-.577
300	173	-.164	.119	.259	-.577	300	223	-.174	.114	.202	-.547	300	304	-.176	.117	.186	-.572
300	174	-.197	.132	.256	-.692	300	224	-.163	.128	.209	-.611	300	305	-.160	.108	.230	-.498
300	175	-.205	.123	.189	-.637	300	225	-.181	.130	.247	-.693	300	306	-.173	.122	.270	-.534
300	176	-.207	.137	.294	-.734	300	226	-.195	.132	.224	-.933	300	307	-.160	.117	.221	-.585
300	177	-.228	.136	.187	-.791	300	227	-.201	.117	.148	-.674	300	308	-.147	.115	.274	-.521
300	178	-.205	.149	.236	-.871	300	228	-.208	.153	.251	-.852	300	309	-.157	.106	.164	-.664
300	179	-.214	.153	.287	-.833	300	229	-.212	.138	.235	-.709	300	310	-.141	.108	.278	-.484
300	180	-.235	.158	.196	-.918	300	230	-.220	.149	.241	-.821	300	311	-.129	.114	.349	-.652

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	312	- .128	.110	.284	- .502	300	362	- .090	.115	.295	- .530	300	441	- .181	.138	.267	- .712
300	313	- .146	.114	.274	- .554	300	363	- .114	.115	.320	- .502	300	442	- .146	.121	.190	- .595
300	314	- .144	.112	.258	- .524	300	364	- .106	.113	.252	- .463	300	443	- .137	.119	.219	- .583
300	315	- .124	.106	.199	- .497	300	365	- .101	.111	.320	- .507	300	444	- .128	.122	.355	- .510
300	316	- .116	.113	.286	- .541	300	366	- .113	.118	.272	- .604	300	445	- .106	.140	.551	- .415
300	317	- .121	.113	.266	- .466	300	367	- .101	.109	.310	- .455	300	446	- .122	.119	.708	- .195
300	318	- .127	.111	.216	- .484	300	368	- .098	.105	.259	- .423	300	447	- .152	.133	.721	- .263
300	319	- .131	.111	.260	- .510	300	369	- .086	.112	.320	- .452	300	448	- .123	.120	.551	- .184
300	320	- .112	.111	.245	- .549	300	370	- .086	.109	.303	- .458	300	449	- .089	.123	.594	- .259
300	321	- .119	.108	.300	- .491	300	371	- .085	.116	.340	- .466	300	450	- .062	.138	.538	- .363
300	322	- .117	.107	.242	- .491	300	401	- .077	.157	.644	- .505	300	451	- .026	.128	.507	- .369
300	323	- .120	.112	.221	- .546	300	402	- .081	.131	.652	- .359	300	452	- .005	.126	.482	- .394
300	324	- .133	.115	.199	- .507	300	403	- .024	.121	.496	- .420	300	453	- .089	.116	.304	- .419
300	325	- .126	.124	.391	- .522	300	404	- .126	.123	.332	- .508	300	454	- .131	.123	.254	- .560
300	326	- .120	.110	.241	- .460	300	405	- .395	.165	.119	- 1.222	300	455	- .241	.134	.169	- .781
300	327	- .123	.109	.249	- .437	300	406	- .209	.137	.254	- .778	300	456	- .243	.133	.172	- .810
300	328	- .128	.116	.203	- .621	300	407	- .182	.123	.179	- .762	300	457	- .225	.140	.193	- .756
300	329	- .130	.112	.242	- .539	300	408	- .052	.144	.468	- .533	300	458	- .164	.125	.234	- .642
300	330	- .115	.111	.309	- .585	300	409	- .029	.141	.543	- .553	300	459	- .144	.127	.345	- .625
300	331	- .110	.108	.239	- .460	300	410	- .074	.122	.329	- .520	300	460	- .138	.131	.225	- .635
300	332	- .109	.108	.231	- .476	300	411	- .167	.127	.291	- .649	300	461	- .099	.147	.587	- .400
300	333	- .112	.108	.268	- .525	300	412	- .381	.175	.107	- 1.104	300	462	- .117	.133	.534	- .400
300	334	- .127	.120	.271	- .558	300	413	- .205	.124	.194	- .645	300	463	- .134	.123	.520	- .288
300	335	- .106	.118	.317	- .625	300	414	- .135	.127	.339	- .611	300	464	- .114	.132	.573	- .303
300	336	- .099	.108	.318	- .464	300	415	- .066	.139	.521	- .522	300	465	- .099	.121	.485	- .291
300	337	- .111	.111	.274	- .447	300	416	- .064	.131	.510	- .311	300	466	- .070	.130	.528	- .416
300	338	- .112	.105	.212	- .466	300	417	- .018	.137	.476	- .457	300	467	- .023	.132	.498	- .348
300	339	- .111	.112	.272	- .513	300	418	- .034	.136	.507	- .414	300	468	- .006	.115	.391	- .378
300	340	- .107	.112	.281	- .467	300	419	- .004	.132	.449	- .536	300	469	- .097	.123	.306	- .547
300	341	- .104	.111	.243	- .446	300	420	- .039	.116	.364	- .448	300	470	- .145	.124	.271	- .595
300	342	- .104	.098	.242	- .454	300	421	- .062	.120	.334	- .447	300	471	- .230	.138	.219	- .753
300	343	- .113	.109	.242	- .496	300	422	- .104	.116	.279	- .584	300	472	- .239	.147	.288	- .876
300	344	- .120	.111	.231	- .605	300	423	- .226	.139	.201	- .711	300	473	- .212	.137	.251	- .758
300	345	- .120	.106	.284	- .463	300	424	- .180	.128	.216	- .738	300	474	- .176	.140	.303	- .729
300	346	- .111	.118	.248	- .502	300	425	- .173	.121	.258	- .573	300	475	- .134	.124	.295	- .584
300	347	- .115	.102	.219	- .489	300	426	- .180	.124	.224	- .595	300	476	- .136	.140	.356	- .733
300	348	- .102	.116	.262	- .463	300	427	- .047	.152	.563	- .376	300	477	- .097	.122	.512	- .294
300	349	- .110	.113	.272	- .556	300	428	- .062	.147	.620	- .569	300	478	- .116	.123	.537	- .322
300	350	- .110	.115	.316	- .604	300	429	- .116	.137	.638	- .257	300	479	- .114	.122	.600	- .238
300	351	- .115	.111	.249	- .502	300	430	- .117	.133	.711	- .275	300	480	- .107	.123	.540	- .290
300	352	- .106	.103	.226	- .447	300	431	- .095	.126	.574	- .298	300	481	- .084	.122	.459	- .362
300	353	- .101	.108	.274	- .518	300	432	- .087	.122	.473	- .285	300	482	- .077	.118	.490	- .391
300	354	- .100	.108	.252	- .556	300	433	- .034	.119	.508	- .324	300	483	- .042	.116	.453	- .387
300	355	- .104	.108	.214	- .507	300	434	- .034	.127	.534	- .360	300	484	- .016	.109	.376	- .320
300	356	- .108	.107	.305	- .502	300	435	- .023	.122	.473	- .423	300	485	- .082	.121	.350	- .464
300	357	- .102	.111	.217	- .439	300	436	- .073	.118	.382	- .478	300	486	- .146	.121	.250	- .579
300	358	- .104	.103	.237	- .436	300	437	- .100	.118	.294	- .481	300	487	- .235	.148	.200	- .860
300	359	- .111	.107	.201	- .591	300	438	- .150	.111	.242	- .507	300	488	- .235	.140	.179	- .873
300	360	- .106	.113	.295	- .453	300	439	- .265	.148	.212	- .878	300	489	- .197	.148	.203	- .892
300	361	- .097	.107	.262	- .494	300	440	- .230	.129	.144	- .804	300	490	- .135	.139	.369	- .806

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	491	-.109	.118	.326	-.535	300	541	-.020	.108	.416	-.362	300	629	.119	.131	.597	-.290
300	492	-.111	.119	.298	-.603	300	542	-.038	.107	.342	-.401	300	630	.121	.137	.631	-.344
300	493	.099	.121	.591	-.284	300	543	-.078	.120	.313	-.468	300	631	-.051	.118	.342	-.465
300	494	.104	.116	.484	-.279	300	544	-.163	.119	.250	-.633	300	632	.023	.126	.469	-.449
300	495	.106	.115	.506	-.248	300	545	-.140	.121	.292	-.623	300	633	.087	.136	.655	-.365
300	496	.106	.131	.585	-.295	300	546	-.089	.113	.207	-.513	300	634	.071	.132	.505	-.364
300	497	.102	.126	.553	-.321	300	547	-.081	.108	.343	-.450	300	635	.089	.127	.495	-.367
300	498	.079	.116	.442	-.314	300	548	-.079	.103	.353	-.434	300	636	-.057	.117	.337	-.423
300	499	.041	.115	.498	-.356	300	549	-.085	.095	.245	-.385	300	637	-.006	.129	.415	-.439
300	500	.030	.118	.435	-.347	300	550	-.088	.094	.400	-.175	300	638	.042	.118	.408	-.324
300	501	-.068	.125	.377	-.548	300	551	-.085	.102	.408	-.252	300	639	.067	.133	.515	-.441
300	502	-.124	.123	.252	-.565	300	552	.093	.107	.448	-.261	300	640	.054	.143	.537	-.443
300	503	-.241	.141	.268	-.723	300	553	.097	.107	.439	-.286	300	641	-.071	.119	.306	-.459
300	504	-.234	.142	.274	-.779	300	554	.101	.111	.468	-.301	300	642	.020	.122	.395	-.477
300	505	.166	.146	.259	-.764	300	555	.107	.103	.506	-.181	300	643	.030	.124	.421	-.377
300	506	.119	.132	.248	-.661	300	556	.091	.103	.377	-.311	300	644	.023	.119	.478	-.374
300	507	.093	.124	.341	-.561	300	557	.076	.109	.407	-.323	300	645	.010	.133	.401	-.415
300	508	-.099	.121	.346	-.697	300	558	.064	.107	.479	-.261	300	646	-.085	.127	.296	-.478
300	509	.073	.116	.501	-.341	300	559	.024	.106	.390	-.297	300	647	-.004	.112	.334	-.465
300	510	.088	.127	.482	-.335	300	560	-.130	.119	.263	-.505	300	648	.015	.130	.387	-.594
300	511	.093	.116	.435	-.303	300	561	-.140	.104	.192	-.436	300	649	-.078	.116	.397	-.441
300	512	.094	.126	.509	-.329	300	562	-.102	.107	.235	-.566	300	650	.004	.124	.650	-.375
300	513	.084	.127	.486	-.329	300	601	.137	.161	.806	-.352	300	651	.009	.127	.380	-.371
300	514	.077	.112	.409	-.319	300	602	.156	.158	.704	-.360	300	801	-.099	.108	.293	-.431
300	515	.049	.122	.450	-.331	300	603	.179	.158	.818	-.264	300	802	-.106	.107	.211	-.485
300	516	.050	.127	.467	-.364	300	604	-.032	.148	.593	-.516	300	803	-.087	.108	.297	-.463
300	517	.037	.120	.390	-.472	300	605	.096	.164	.691	-.443	300	804	-.126	.115	.343	-.535
300	518	.085	.125	.387	-.505	300	606	.058	.183	.872	-.527	300	805	-.191	.133	.232	-.772
300	519	.205	.128	.203	-.703	300	607	.012	.188	.675	-.779	300	806	-.212	.148	.246	-.808
300	520	.212	.137	.329	-.716	300	608	.134	.172	.769	-.375	300	807	-.190	.127	.218	-.666
300	521	.108	.129	.349	-.622	300	609	.167	.171	.784	-.419	300	901	-.193	.126	.266	-.618
300	522	.088	.128	.313	-.556	300	610	.184	.172	.845	-.392	300	902	-.166	.119	.279	-.649
300	523	.083	.112	.281	-.494	300	611	.094	.153	.844	-.325	300	903	-.262	.152	.225	-.846
300	524	.093	.101	.300	-.460	300	612	.142	.156	.746	-.338	300	904	-.082	.139	.350	-.655
300	525	.058	.117	.470	-.325	300	613	.125	.146	.685	-.343	300	905	-.139	.123	.237	-.525
300	526	.077	.116	.445	-.303	300	614	.139	.153	.753	-.369	300	906	-.262	.157	.223	-.771
300	527	.088	.116	.442	-.337	300	615	.128	.146	.675	-.311	300	907	-.132	.116	.248	-.601
300	528	.095	.113	.499	-.283	300	616	.039	.154	.681	-.554	300	908	-.144	.115	.232	-.521
300	529	.099	.113	.477	-.338	300	617	.115	.157	.642	-.302	300	909	-.176	.119	.214	-.665
300	530	.082	.102	.450	-.254	300	618	.173	.147	.885	-.251	300	910	-.276	.148	.171	-.805
300	531	.065	.113	.440	-.325	300	619	.178	.147	.915	-.250	300	911	-.203	.134	.256	-.725
300	532	.065	.114	.501	-.325	300	620	.177	.151	.882	-.264	300	912	-.147	.122	.232	-.558
300	533	.016	.124	.499	-.425	300	621	-.005	.123	.460	-.435	300	913	-.060	.149	.429	-.548
300	534	.082	.128	.418	-.575	300	622	.076	.133	.579	-.328	300	914	-.177	.138	.247	-.685
300	535	.179	.130	.227	-.638	300	623	.136	.146	.778	-.315	300	915	-.158	.137	.359	-.645
300	536	.163	.133	.298	-.642	300	624	.145	.150	.784	-.332	300	916	-.134	.116	.207	-.701
300	537	.085	.120	.294	-.550	300	625	.138	.135	.633	-.368	300	917	-.155	.115	.267	-.540
300	538	.064	.109	.351	-.472	300	626	.039	.120	.436	-.423	300	918	-.150	.114	.225	-.567
300	539	.075	.110	.264	-.575	300	627	.039	.125	.486	-.415	300	919	-.138	.113	.323	-.568
300	540	.088	.106	.249	-.443	300	628	.116	.131	.664	-.324	300	920	-.151	.112	.193	-.486

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	921	-185	115	187	-612	310	132	-041	127	407	-592	310	182	-255	161	278	-845
300	922	-132	114	303	-556	310	133	-091	158	654	-651	310	183	-253	146	218	-825
300	923	-007	135	526	-440	310	134	-102	105	266	-446	310	184	-098	112	289	-511
300	924	-109	113	293	-454	310	135	-104	101	205	-441	310	185	-096	110	285	-460
300	925	-117	104	269	-510	310	136	-120	112	290	-455	310	186	-108	112	227	-455
300	926	-127	113	235	-564	310	137	-115	114	256	-536	310	187	-108	114	266	-500
300	927	-144	118	295	-623	310	138	-121	112	224	-555	310	188	-123	122	265	-547
300	928	-158	119	267	-600	310	139	-124	107	224	-461	310	189	-130	113	304	-583
300	929	-150	115	265	-529	310	140	-166	118	252	-649	310	190	-152	119	195	-583
300	930	-175	129	232	-880	310	141	-174	120	236	-679	310	191	-162	117	206	-570
300	931	-131	110	275	-486	310	142	-212	134	207	-740	310	192	-181	122	220	-729
300	932	-143	110	232	-493	310	143	-231	123	195	-808	310	193	-182	126	238	-650
300	933	-152	118	230	-565	310	144	-253	137	158	-747	310	194	-167	119	192	-687
300	934	-138	118	288	-484	310	145	-286	148	133	-986	310	195	-164	132	234	-701
300	935	-169	130	264	-610	310	146	-178	142	183	-1066	310	196	-189	149	311	-928
300	936	-150	121	257	-729	310	147	-153	148	299	-865	310	197	-223	162	378	-1001
300	937	-130	116	282	-515	310	148	-125	140	252	-724	310	198	-244	154	305	-994
300	938	-206	126	198	-669	310	149	-148	168	266	-958	310	199	-236	141	186	-774
300	939	-272	141	202	-849	310	150	-203	183	422	-1126	310	200	-097	113	281	-493
310	101	-148	112	166	-591	310	151	-282	205	451	-946	310	201	-089	107	351	-422
310	102	-165	110	189	-615	310	152	-111	112	274	-482	310	202	-093	097	311	-446
310	103	-175	120	258	-664	310	153	-107	092	192	-409	310	203	-097	104	256	-465
310	104	-227	125	202	-737	310	154	-105	101	256	-444	310	204	-110	105	250	-498
310	105	-184	131	236	-660	310	155	-103	101	264	-421	310	205	-123	106	235	-477
310	106	-245	168	229	-990	310	156	-125	103	346	-486	310	206	-131	119	216	-627
310	107	-332	177	218	-1165	310	157	-139	116	269	-595	310	207	-151	123	321	-602
310	108	-146	116	263	-545	310	158	-176	117	186	-666	310	208	-162	135	200	-647
310	109	-149	115	270	-557	310	159	-190	116	247	-676	310	209	-160	115	255	-562
310	110	-178	112	172	-616	310	160	-229	132	211	-959	310	210	-184	139	232	-879
310	111	-211	123	186	-848	310	161	-246	142	195	-884	310	211	-175	130	278	-756
310	112	-218	150	273	-819	310	162	-181	134	217	-740	310	212	-198	138	249	-874
310	113	-318	201	315	-1394	310	163	-144	117	326	-759	310	213	-221	148	308	-996
310	114	-122	112	377	-497	310	164	-160	157	356	-818	310	214	-196	130	222	-634
310	115	-173	118	281	-594	310	165	-206	176	318	-903	310	215	-217	126	219	-696
310	116	-214	154	259	-1036	310	166	-275	183	494	-918	310	216	-091	112	324	-490
310	117	-127	114	339	-477	310	167	-292	170	353	-1097	310	217	-093	107	212	-446
310	118	-117	107	256	-525	310	168	-101	111	298	-457	310	218	-096	105	381	-413
310	119	-131	114	328	-487	310	169	-105	108	254	-468	310	219	-101	104	236	-450
310	120	-134	115	231	-580	310	170	-100	112	407	-484	310	220	-116	111	349	-467
310	121	-155	122	209	-612	310	171	-109	109	218	-492	310	221	-130	115	248	-742
310	122	-174	117	270	-699	310	172	-131	114	337	-540	310	222	-138	117	325	-485
310	123	-209	121	182	-657	310	173	-140	109	234	-508	310	223	-144	118	229	-621
310	124	-240	132	295	-624	310	174	-167	122	238	-608	310	224	-160	120	219	-585
310	125	-184	125	209	-596	310	175	-185	128	233	-786	310	225	-160	125	249	-601
310	126	-163	125	273	-857	310	176	-198	124	260	-621	310	226	-155	118	229	-742
310	127	-221	153	337	-735	310	177	-205	128	161	-762	310	227	-162	120	215	-601
310	128	-054	129	410	-472	310	178	-189	132	211	-970	310	228	-190	134	243	-691
310	129	-017	149	514	-603	310	179	-175	141	308	-746	310	229	-208	131	194	-845
310	130	-078	189	591	-678	310	180	-174	140	230	-720	310	230	-198	122	246	-643
310	131	-101	120	316	-630	310	181	-212	152	212	-809	310	231	-193	120	206	-648

MD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	MD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
310	232	- .100	.108	.262	- .452	310	313	- .120	.107	.244	- .535	310	363	- .092	.103	.280	- .460
310	233	- .095	.111	.272	- .482	310	314	- .119	.104	.220	- .475	310	364	- .077	.102	.236	- .399
310	234	- .098	.118	.281	- .503	310	315	- .104	.110	.256	- .470	310	365	- .081	.104	.256	- .468
310	235	- .097	.108	.302	- .490	310	316	- .104	.109	.298	- .504	310	366	- .081	.100	.288	- .417
310	236	- .114	.104	.236	- .490	310	317	- .104	.112	.291	- .477	310	367	- .081	.104	.271	- .458
310	237	- .127	.104	.202	- .430	310	318	- .101	.104	.228	- .536	310	368	- .076	.109	.277	- .538
310	238	- .138	.111	.233	- .574	310	319	- .096	.104	.244	- .456	310	369	- .077	.109	.292	- .513
310	239	- .138	.114	.295	- .496	310	320	- .103	.116	.241	- .493	310	370	- .067	.101	.278	- .378
310	240	- .139	.105	.187	- .533	310	321	- .103	.118	.340	- .459	310	371	- .070	.095	.313	- .392
310	241	- .144	.116	.255	- .515	310	322	- .108	.120	.301	- .560	310	401	.027	.155	.578	- .590
310	242	- .153	.122	.263	- .564	310	323	- .108	.119	.258	- .519	310	402	.038	.130	.473	- .426
310	243	- .160	.133	.349	- .759	310	324	- .108	.113	.301	- .501	310	403	.001	.125	.438	- .396
310	244	- .177	.143	.252	- .742	310	325	- .089	.107	.297	- .444	310	404	- .106	.115	.284	- .552
310	245	- .194	.144	.240	- .897	310	326	- .092	.095	.363	- .358	310	405	- .292	.156	.145	- .939
310	246	- .201	.140	.258	- .867	310	327	- .091	.100	.254	- .387	310	406	- .196	.128	.199	- .720
310	247	- .181	.124	.255	- .714	310	328	- .098	.102	.242	- .442	310	407	- .155	.108	.223	- .503
310	248	- .086	.108	.254	- .472	310	329	- .100	.103	.219	- .421	310	408	- .065	.134	.411	- .542
310	249	- .097	.111	.317	- .442	310	330	- .083	.111	.270	- .478	310	409	- .055	.126	.371	- .577
310	250	- .105	.111	.342	- .457	310	331	- .090	.111	.316	- .462	310	410	- .080	.119	.300	- .534
310	251	- .100	.107	.301	- .550	310	332	- .091	.113	.215	- .553	310	411	- .167	.125	.272	- .549
310	252	- .125	.104	.225	- .504	310	333	- .087	.100	.368	- .444	310	412	- .278	.149	.198	- .810
310	253	- .073	.109	.310	- .391	310	334	- .100	.107	.237	- .469	310	413	- .178	.134	.240	- .647
310	254	- .077	.108	.237	- .442	310	335	- .084	.109	.277	- .583	310	414	- .120	.125	.253	- .508
310	255	- .089	.105	.254	- .445	310	336	- .088	.106	.243	- .478	310	415	.011	.122	.476	- .376
310	256	- .109	.110	.217	- .474	310	337	- .094	.114	.314	- .483	310	416	.012	.117	.444	- .354
310	257	- .140	.119	.308	- .502	310	338	- .088	.109	.289	- .436	310	417	.008	.129	.578	- .421
310	258	- .168	.114	.179	- .606	310	339	- .094	.103	.293	- .476	310	418	.006	.133	.435	- .428
310	259	- .201	.143	.327	- .070	310	340	- .084	.109	.371	- .493	310	419	- .026	.124	.421	- .417
310	260	- .070	.105	.271	- .416	310	341	- .087	.106	.226	- .416	310	420	- .042	.117	.313	- .451
310	261	- .081	.108	.325	- .406	310	342	- .092	.103	.368	- .436	310	421	- .067	.110	.295	- .420
310	262	- .083	.097	.270	- .377	310	343	- .090	.103	.249	- .448	310	422	- .095	.111	.265	- .486
310	263	- .091	.101	.288	- .440	310	344	- .095	.109	.355	- .446	310	423	- .167	.130	.218	- .767
310	264	- .106	.102	.213	- .459	310	345	- .090	.112	.286	- .693	310	424	- .150	.118	.211	- .517
310	265	- .136	.116	.206	- .596	310	346	- .091	.107	.327	- .439	310	425	- .143	.124	.326	- .583
310	266	- .146	.110	.255	- .562	310	347	- .092	.106	.300	- .448	310	426	- .140	.117	.236	- .586
310	267	- .157	.110	.245	- .606	310	348	- .092	.108	.262	- .466	310	427	- .031	.137	.603	- .496
310	268	- .147	.120	.243	- .593	310	349	- .093	.113	.331	- .478	310	428	.006	.130	.435	- .437
310	269	- .087	.112	.256	- .456	310	350	- .089	.109	.275	- .438	310	429	.092	.138	.600	- .350
310	301	- .140	.104	.183	- .553	310	351	- .086	.104	.267	- .529	310	430	.063	.130	.500	- .343
310	302	- .138	.102	.239	- .530	310	352	- .088	.096	.233	- .405	310	431	.057	.115	.467	- .277
310	303	- .146	.106	.189	- .505	310	353	- .081	.110	.302	- .413	310	432	.042	.115	.426	- .378
310	304	- .133	.097	.234	- .474	310	354	- .085	.109	.256	- .478	310	433	.004	.113	.390	- .380
310	305	- .136	.108	.273	- .514	310	355	- .087	.104	.236	- .474	310	434	.008	.115	.412	- .357
310	306	- .137	.108	.268	- .476	310	356	- .083	.110	.227	- .433	310	435	.033	.117	.372	- .396
310	307	- .118	.106	.205	- .531	310	357	- .086	.112	.324	- .466	310	436	- .069	.105	.329	- .448
310	308	- .119	.112	.222	- .514	310	358	- .086	.106	.280	- .421	310	437	- .091	.121	.302	- .490
310	309	- .133	.094	.162	- .413	310	359	- .086	.113	.371	- .431	310	438	- .124	.112	.239	- .531
310	310	- .122	.116	.290	- .602	310	360	- .080	.106	.313	- .428	310	439	- .188	.121	.222	- .716
310	311	- .128	.112	.271	- .527	310	361	- .077	.109	.285	- .408	310	440	- .164	.114	.193	- .628
310	312	- .118	.115	.292	- .572	310	362	- .079	.098	.264	- .380	310	441	- .145	.119	.223	- .594

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	442	-.127	.118	.263	-.503	310	492	-.094	.119	.284	-.548	310	542	-.022	.109	.354	-.348
310	443	-.108	.113	.276	-.687	310	493	-.077	.123	.494	-.370	310	543	-.043	.104	.313	-.380
310	444	-.104	.117	.283	-.507	310	494	-.078	.114	.492	-.322	310	544	-.123	.109	.227	-.510
310	445	-.055	.139	.516	-.377	310	495	-.079	.111	.483	-.295	310	545	-.112	.116	.289	-.494
310	446	-.052	.110	.369	-.281	310	496	-.070	.106	.443	-.318	310	546	-.071	.113	.319	-.463
310	447	-.086	.122	.499	-.306	310	497	-.067	.109	.381	-.315	310	547	-.068	.111	.333	-.508
310	448	-.078	.118	.589	-.316	310	498	-.047	.112	.381	-.323	310	548	-.076	.104	.281	-.398
310	449	-.048	.113	.502	-.340	310	499	-.024	.118	.438	-.357	310	549	-.072	.101	.249	-.410
310	450	-.029	.111	.496	-.341	310	500	-.008	.106	.389	-.311	310	550	-.059	.085	.323	-.198
310	451	-.002	.112	.376	-.405	310	501	-.057	.117	.392	-.412	310	551	-.068	.098	.381	-.235
310	452	-.011	.115	.366	-.383	310	502	-.114	.115	.319	-.545	310	552	-.069	.101	.421	-.283
310	453	-.076	.119	.361	-.444	310	503	-.188	.126	.187	-.738	310	553	-.064	.104	.404	-.279
310	454	-.113	.109	.249	-.487	310	504	-.177	.126	.159	-.593	310	554	-.065	.102	.400	-.378
310	455	-.169	.124	.265	-.597	310	505	-.126	.134	.335	-.566	310	555	-.066	.095	.427	-.218
310	456	-.179	.126	.209	-.716	310	506	-.097	.127	.286	-.643	310	556	-.075	.110	.446	-.258
310	457	-.165	.120	.213	-.606	310	507	-.092	.124	.349	-.545	310	557	-.058	.104	.364	-.312
310	458	-.127	.119	.257	-.514	310	508	-.080	.114	.427	-.494	310	558	-.052	.105	.392	-.329
310	459	-.108	.117	.309	-.575	310	509	-.063	.115	.460	-.314	310	559	-.012	.109	.383	-.373
310	460	-.113	.120	.272	-.519	310	510	-.075	.119	.466	-.331	310	560	-.109	.116	.287	-.530
310	461	-.069	.152	.620	-.511	310	511	-.080	.119	.496	-.298	310	561	-.112	.105	.261	-.422
310	462	-.080	.130	.573	-.405	310	512	-.075	.110	.494	-.266	310	562	-.080	.109	.366	-.421
310	463	-.082	.117	.485	-.260	310	513	-.067	.119	.523	-.302	310	601	-.110	.145	.635	-.353
310	464	-.078	.128	.624	-.305	310	514	-.053	.106	.427	-.404	310	602	-.134	.151	.607	-.332
310	465	-.066	.120	.440	-.328	310	515	-.039	.108	.378	-.367	310	603	-.128	.133	.705	-.353
310	466	-.040	.115	.568	-.332	310	516	-.027	.112	.407	-.325	310	604	-.015	.145	.644	-.518
310	467	-.008	.123	.454	-.391	310	517	-.038	.117	.397	-.455	310	605	-.060	.159	.610	-.359
310	468	-.008	.106	.373	-.415	310	518	-.084	.117	.273	-.589	310	606	-.028	.159	.757	-.628
310	469	-.073	.108	.280	-.495	310	519	-.179	.128	.179	-.758	310	607	-.014	.142	.584	-.508
310	470	-.114	.111	.246	-.500	310	520	-.159	.126	.253	-.764	310	608	-.086	.147	.728	-.481
310	471	-.188	.130	.209	-.728	310	521	-.110	.137	.413	-.632	310	609	-.137	.165	.834	-.390
310	472	-.180	.130	.210	-.684	310	522	-.066	.118	.287	-.554	310	610	-.104	.134	.573	-.456
310	473	-.166	.122	.220	-.724	310	523	-.071	.107	.274	-.502	310	611	-.066	.148	.639	-.470
310	474	-.131	.121	.252	-.649	310	524	-.079	.108	.313	-.625	310	612	-.096	.139	.671	-.272
310	475	-.121	.129	.366	-.673	310	525	-.055	.110	.450	-.291	310	613	-.092	.139	.576	-.381
310	476	-.103	.127	.342	-.638	310	526	-.067	.109	.401	-.268	310	614	-.086	.135	.542	-.341
310	477	-.060	.120	.464	-.597	310	527	-.070	.113	.461	-.297	310	615	-.073	.129	.634	-.305
310	478	-.089	.124	.523	-.567	310	528	-.069	.106	.486	-.311	310	616	-.043	.144	.611	-.440
310	479	-.084	.116	.491	-.335	310	529	-.072	.116	.493	-.312	310	617	-.103	.140	.778	-.445
310	480	-.077	.115	.485	-.292	310	530	-.057	.110	.408	-.305	310	618	-.130	.137	.630	-.265
310	481	-.063	.117	.512	-.338	310	531	-.052	.108	.480	-.288	310	619	-.107	.132	.552	-.292
310	482	-.040	.111	.473	-.351	310	532	-.041	.111	.438	-.465	310	620	-.109	.134	.701	-.324
310	483	-.016	.120	.456	-.375	310	533	-.016	.112	.414	-.384	310	621	-.001	.128	.427	-.506
310	484	-.002	.111	.384	-.373	310	534	-.064	.121	.326	-.485	310	622	-.061	.120	.499	-.288
310	485	-.076	.107	.334	-.450	310	535	-.149	.128	.342	-.648	310	623	-.111	.128	.739	-.291
310	486	-.117	.115	.261	-.587	310	536	-.130	.130	.339	-.564	310	624	-.111	.115	.600	-.240
310	487	-.180	.124	.207	-.633	310	537	-.083	.124	.414	-.521	310	625	-.091	.120	.545	-.264
310	488	-.194	.125	.201	-.626	310	538	-.063	.115	.318	-.534	310	626	-.028	.126	.363	-.473
310	489	-.154	.133	.278	-.972	310	539	-.067	.115	.322	-.459	310	627	-.024	.109	.426	-.351
310	490	-.111	.127	.278	-.646	310	540	-.072	.108	.323	-.476	310	628	-.083	.119	.512	-.281
310	491	-.097	.125	.398	-.558	310	541	-.024	.099	.374	-.319	310	629	-.097	.125	.565	-.330

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	630	.088	.112	.449	-.291	310	922	-.129	.120	.369	-.543	320	133	-.048	.145	.589	-.589
310	631	-.036	.124	.457	-.476	310	923	-.037	.136	.498	-.538	320	134	-.082	.106	.290	-.422
310	632	.013	.114	.356	-.331	310	924	-.088	.104	.271	-.434	320	135	-.088	.113	.293	-.546
310	633	.064	.129	.533	-.323	310	925	-.099	.105	.258	-.435	320	136	-.090	.114	.303	-.467
310	634	.081	.130	.549	-.307	310	926	-.110	.096	.211	-.401	320	137	-.094	.099	.279	-.479
310	635	.070	.112	.502	-.254	310	927	-.117	.102	.270	-.464	320	138	-.103	.107	.300	-.499
310	636	-.040	.113	.343	-.391	310	928	-.119	.103	.209	-.475	320	139	-.113	.107	.267	-.552
310	637	.006	.121	.343	-.356	310	929	-.123	.108	.232	-.485	320	140	-.149	.114	.240	-.633
310	638	.047	.116	.405	-.351	310	930	-.132	.107	.274	-.512	320	141	-.165	.128	.250	-.858
310	639	.053	.117	.466	-.311	310	931	-.097	.099	.270	-.470	320	142	-.203	.121	.146	-.621
310	640	.061	.124	.636	-.424	310	932	-.119	.113	.227	-.598	320	143	-.240	.141	.233	-.794
310	641	-.045	.109	.325	-.437	310	933	-.120	.107	.212	-.521	320	144	-.242	.130	.197	-.778
310	642	-.001	.107	.359	-.368	310	934	-.105	.109	.252	-.482	320	145	-.307	.150	.190	-.047
310	643	.033	.106	.389	-.320	310	935	-.122	.103	.289	-.499	320	146	-.130	.109	.230	-.568
310	644	.043	.117	.419	-.380	310	936	-.119	.108	.196	-.527	320	147	-.095	.126	.393	-.662
310	645	.046	.122	.456	-.368	310	937	-.108	.101	.247	-.452	320	148	-.063	.121	.372	-.490
310	646	-.053	.102	.352	-.435	310	938	-.185	.120	.202	-.630	320	149	-.050	.137	.343	-.712
310	647	.004	.093	.346	-.283	310	939	-.197	.122	.253	-.675	320	150	-.073	.160	.403	-.676
310	648	.019	.107	.410	-.396	320	101	-.138	.111	.186	-.521	320	151	-.159	.185	.392	-.028
310	649	-.065	.117	.389	-.438	320	102	-.144	.120	.169	-.643	320	152	-.084	.097	.329	-.376
310	650	.002	.108	.380	-.350	320	103	-.201	.130	.238	-.638	320	153	-.085	.085	.158	-.370
310	651	.027	.107	.416	-.381	320	104	-.234	.121	.171	-.644	320	154	-.085	.111	.419	-.433
310	801	-.073	.108	.281	-.447	320	105	-.161	.115	.181	-.537	320	155	-.093	.101	.279	-.426
310	802	-.076	.105	.317	-.430	320	106	-.154	.144	.333	-.744	320	156	-.118	.111	.267	-.521
310	803	-.071	.110	.341	-.501	320	107	-.275	.198	.378	-1.058	320	157	-.142	.125	.263	-.592
310	804	-.113	.112	.283	-.512	320	108	-.120	.101	.241	-.485	320	158	-.176	.121	.202	-.665
310	805	-.162	.136	.271	-.656	320	109	-.126	.116	.293	-.546	320	159	-.234	.134	.204	-.756
310	806	-.182	.132	.273	-.653	320	110	-.193	.127	.234	-.561	320	160	-.254	.125	.115	-.732
310	807	-.160	.116	.255	-.526	320	111	-.252	.147	.210	-.934	320	161	-.247	.132	.241	-.693
310	901	-.144	.113	.217	-.574	320	112	-.156	.133	.347	-.719	320	162	-.176	.121	.257	-.584
310	902	-.127	.111	.244	-.546	320	113	-.207	.223	.440	-1.738	320	163	-.122	.119	.263	-.564
310	903	-.206	.141	.175	-.727	320	114	-.066	.118	.366	-.459	320	164	-.074	.127	.317	-.584
310	904	-.054	.126	.381	-.496	320	115	-.179	.122	.210	-.670	320	165	-.084	.145	.380	-.633
310	905	-.122	.116	.232	-.585	320	116	-.154	.146	.293	-.896	320	166	-.156	.198	.444	-.852
310	906	-.186	.147	.234	-.689	320	117	-.105	.110	.264	-.457	320	167	-.186	.197	.494	-1.027
310	907	-.105	.112	.297	-.483	320	118	-.100	.111	.237	-.511	320	168	-.087	.109	.267	-.426
310	908	-.112	.120	.267	-.543	320	119	-.101	.111	.310	-.553	320	169	-.091	.105	.345	-.422
310	909	-.144	.117	.212	-.547	320	120	-.119	.118	.277	-.578	320	170	-.090	.106	.356	-.496
310	910	-.220	.129	.217	-.746	320	121	-.159	.118	.320	-.559	320	171	-.099	.110	.287	-.471
310	911	-.174	.122	.246	-.641	320	122	-.193	.119	.182	-.574	320	172	-.109	.110	.255	-.532
310	912	-.135	.122	.235	-.586	320	123	-.218	.127	.215	-.682	320	173	-.144	.119	.230	-.568
310	913	-.075	.139	.648	-.484	320	124	-.250	.150	.240	-.743	320	174	-.180	.123	.257	-.615
310	914	-.139	.130	.293	-.708	320	125	-.175	.125	.201	-.594	320	175	-.208	.132	.153	-.784
310	915	-.108	.124	.305	-.529	320	126	-.128	.114	.244	-.499	320	176	-.225	.121	.186	-.671
310	916	-.114	.121	.279	-.595	320	127	-.158	.137	.337	-.730	320	177	-.206	.121	.217	-.621
310	917	-.129	.116	.264	-.501	320	128	-.012	.157	.665	-.474	320	178	-.166	.127	.254	-.684
310	918	-.119	.112	.221	-.493	320	129	-.044	.160	.719	-.443	320	179	-.132	.119	.261	-.605
310	919	-.110	.113	.193	-.479	320	130	-.009	.166	.701	-.522	320	180	-.102	.136	.336	-.619
310	920	-.129	.114	.276	-.543	320	131	-.077	.124	.433	-.608	320	181	-.123	.163	.356	-.722
310	921	-.170	.112	.179	-.549	320	132	-.014	.139	.573	-.469	320	182	-.173	.172	.462	-.888

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	183	- .199	.154	.314	- .918	320	233	- .075	.111	.323	- .532	320	314	- .104	.108	.251	- .502
320	184	- .088	.108	.323	- .483	320	234	- .077	.108	.258	- .395	320	315	- .082	.110	.323	- .431
320	185	- .085	.108	.304	- .469	320	235	- .084	.113	.323	- .470	320	316	- .078	.103	.239	- .426
320	186	- .085	.109	.280	- .507	320	236	- .096	.105	.325	- .475	320	317	- .078	.112	.257	- .508
320	187	- .090	.114	.295	- .574	320	237	- .113	.112	.308	- .473	320	318	- .089	.107	.413	- .443
320	188	- .109	.112	.299	- .485	320	238	- .116	.104	.197	- .479	320	319	- .083	.103	.238	- .418
320	189	- .129	.123	.356	- .502	320	239	- .117	.110	.236	- .483	320	320	- .080	.116	.251	- .490
320	190	- .153	.121	.320	- .647	320	240	- .134	.110	.369	- .475	320	321	- .078	.111	.272	- .595
320	191	- .204	.128	.287	- .713	320	241	- .131	.110	.224	- .462	320	322	- .082	.106	.366	- .401
320	192	- .182	.118	.167	- .655	320	242	- .124	.119	.289	- .506	320	323	- .085	.110	.267	- .443
320	193	- .190	.123	.167	- .662	320	243	- .120	.117	.249	- .555	320	324	- .086	.121	.421	- .495
320	194	- .173	.119	.349	- .592	320	244	- .137	.115	.279	- .532	320	325	- .079	.106	.298	- .436
320	195	- .138	.119	.282	- .662	320	245	- .157	.129	.265	- .596	320	326	- .080	.106	.264	- .479
320	196	- .128	.141	.333	- .634	320	246	- .190	.132	.301	- .685	320	327	- .078	.113	.286	- .413
320	197	- .161	.155	.292	- .814	320	247	- .185	.127	.245	- .603	320	328	- .083	.106	.221	- .430
320	198	- .209	.159	.359	- .867	320	248	- .074	.113	.236	- .437	320	329	- .086	.107	.267	- .442
320	199	- .215	.159	.383	- .873	320	249	- .079	.111	.334	- .508	320	330	- .076	.108	.254	- .466
320	200	- .085	.122	.399	- .448	320	250	- .091	.109	.341	- .485	320	331	- .070	.102	.316	- .475
320	201	- .083	.106	.290	- .439	320	251	- .081	.117	.299	- .464	320	332	- .077	.112	.293	- .443
320	202	- .082	.110	.307	- .542	320	252	- .100	.121	.349	- .510	320	333	- .079	.107	.263	- .453
320	203	- .087	.117	.281	- .425	320	253	- .063	.116	.333	- .463	320	334	- .081	.109	.251	- .464
320	204	- .097	.108	.216	- .414	320	254	- .066	.112	.374	- .417	320	335	- .077	.102	.296	- .433
320	205	- .115	.111	.263	- .544	320	255	- .076	.104	.304	- .378	320	336	- .077	.111	.294	- .475
320	206	- .136	.118	.182	- .697	320	256	- .094	.117	.346	- .477	320	337	- .077	.115	.293	- .486
320	207	- .148	.116	.363	- .681	320	257	- .113	.113	.281	- .623	320	338	- .077	.108	.304	- .404
320	208	- .170	.131	.240	- .704	320	258	- .144	.123	.251	- .712	320	339	- .082	.102	.259	- .420
320	209	- .171	.123	.204	- .619	320	259	- .190	.138	.204	- .852	320	340	- .074	.105	.356	- .437
320	210	- .152	.122	.237	- .547	320	260	- .061	.110	.307	- .503	320	341	- .076	.107	.307	- .437
320	211	- .143	.113	.243	- .531	320	261	- .068	.113	.246	- .422	320	342	- .073	.103	.289	- .463
320	212	- .152	.133	.294	- .592	320	262	- .073	.105	.212	- .450	320	343	- .077	.107	.286	- .464
320	213	- .169	.142	.286	- .908	320	263	- .083	.108	.273	- .417	320	344	- .081	.105	.257	- .449
320	214	- .194	.133	.341	- .670	320	264	- .092	.110	.336	- .463	320	345	- .076	.115	.264	- .467
320	215	- .219	.143	.412	- .901	320	265	- .108	.114	.229	- .539	320	346	- .079	.111	.272	- .422
320	216	- .082	.106	.353	- .444	320	266	- .126	.118	.221	- .527	320	347	- .073	.103	.254	- .437
320	217	- .082	.109	.304	- .444	320	267	- .137	.121	.296	- .513	320	348	- .080	.114	.309	- .477
320	218	- .078	.105	.291	- .451	320	268	- .135	.120	.277	- .513	320	349	- .076	.111	.260	- .540
320	219	- .085	.108	.249	- .511	320	269	- .051	.123	.324	- .531	320	350	- .074	.108	.313	- .443
320	220	- .099	.107	.281	- .482	320	301	- .122	.109	.181	- .517	320	351	- .073	.116	.310	- .477
320	221	- .111	.119	.252	- .521	320	302	- .127	.115	.229	- .536	320	352	- .077	.117	.346	- .477
320	222	- .127	.117	.294	- .558	320	303	- .131	.121	.244	- .552	320	353	- .071	.117	.320	- .477
320	223	- .133	.121	.237	- .743	320	304	- .116	.117	.338	- .466	320	354	- .065	.115	.392	- .446
320	224	- .150	.131	.278	- .879	320	305	- .135	.114	.252	- .537	320	355	- .066	.104	.270	- .389
320	225	- .146	.117	.181	- .646	320	306	- .129	.122	.278	- .502	320	356	- .071	.115	.361	- .449
320	226	- .141	.119	.291	- .607	320	307	- .107	.117	.260	- .516	320	357	- .071	.104	.316	- .433
320	227	- .138	.118	.271	- .568	320	308	- .110	.116	.244	- .461	320	358	- .079	.110	.262	- .453
320	228	- .144	.125	.321	- .590	320	309	- .105	.096	.246	- .440	320	359	- .069	.111	.353	- .440
320	229	- .160	.117	.258	- .623	320	310	- .103	.109	.268	- .476	320	360	- .068	.113	.293	- .507
320	230	- .196	.128	.256	- .794	320	311	- .103	.105	.229	- .454	320	361	- .065	.115	.287	- .440
320	231	- .183	.127	.245	- .668	320	312	- .104	.108	.226	- .461	320	362	- .062	.106	.252	- .405
320	232	- .078	.103	.260	- .464	320	313	- .104	.112	.193	- .442	320	363	- .076	.109	.272	- .436

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	364	-.069	.109	.369	-.456	320	443	-.100	.103	.267	-.460	320	493	.043	.128	.513	-.413
320	365	-.071	.109	.254	-.476	320	444	-.090	.108	.281	-.437	320	494	.035	.121	.388	-.495
320	366	-.072	.111	.259	-.451	320	445	-.041	.138	.515	-.539	320	495	.043	.124	.473	-.707
320	367	-.068	.113	.399	-.398	320	446	-.047	.127	.309	-.476	320	496	.047	.108	.382	-.342
320	368	-.074	.116	.346	-.454	320	447	.022	.122	.411	-.402	320	497	.034	.112	.448	-.349
320	369	-.064	.114	.282	-.533	320	448	.021	.111	.397	-.348	320	498	.027	.121	.486	-.389
320	370	-.064	.105	.274	-.400	320	449	.006	.116	.416	-.339	320	499	.002	.114	.416	-.389
320	371	-.062	.113	.313	-.469	320	450	-.001	.109	.312	-.396	320	500	-.008	.103	.328	-.405
320	401	-.100	.172	.380	-.752	320	451	-.027	.111	.357	-.441	320	501	-.063	.113	.413	-.429
320	402	-.017	.132	.452	-.588	320	452	-.023	.122	.482	-.458	320	502	-.101	.116	.384	-.482
320	403	-.039	.111	.307	-.419	320	453	-.071	.114	.364	-.449	320	503	-.159	.133	.274	-.557
320	404	-.116	.119	.276	-.552	320	454	-.092	.105	.227	-.535	320	504	-.145	.124	.261	-.555
320	405	-.216	.131	.140	-.826	320	455	-.121	.116	.318	-.492	320	505	-.120	.128	.335	-.541
320	406	-.173	.124	.274	-.563	320	456	-.119	.116	.426	-.472	320	506	-.089	.124	.275	-.620
320	407	-.134	.108	.328	-.544	320	457	-.122	.129	.289	-.557	320	507	-.075	.120	.422	-.495
320	408	-.113	.149	.381	-.777	320	458	-.106	.121	.280	-.504	320	508	-.073	.123	.332	-.443
320	409	-.053	.125	.425	-.512	320	459	-.089	.115	.307	-.499	320	509	-.045	.120	.544	-.435
320	410	-.080	.115	.281	-.442	320	460	-.087	.120	.264	-.622	320	510	-.048	.121	.413	-.425
320	411	-.132	.117	.223	-.535	320	461	-.030	.158	.589	-.586	320	511	.063	.114	.417	-.337
320	412	-.222	.138	.201	-.804	320	462	-.007	.151	.407	-.483	320	512	.045	.113	.398	-.317
320	413	-.191	.128	.238	-.752	320	463	.026	.132	.490	-.515	320	513	.046	.110	.384	-.331
320	414	-.120	.130	.274	-.596	320	464	.034	.121	.531	-.481	320	514	.037	.111	.404	-.343
320	415	-.042	.128	.387	-.608	320	465	.032	.117	.425	-.484	320	515	.013	.112	.422	-.386
320	416	-.008	.121	.341	-.355	320	466	.006	.111	.394	-.366	320	516	.000	.116	.379	-.390
320	417	-.009	.127	.542	-.429	320	467	-.009	.111	.324	-.372	320	517	-.049	.121	.362	-.418
320	418	-.016	.121	.407	-.541	320	468	-.015	.114	.355	-.384	320	518	-.081	.117	.291	-.516
320	419	-.038	.118	.398	-.434	320	469	-.071	.112	.317	-.456	320	519	-.143	.114	.243	-.535
320	420	-.049	.122	.375	-.401	320	470	-.093	.115	.290	-.498	320	520	-.144	.121	.258	-.593
320	421	-.066	.125	.355	-.454	320	471	-.126	.121	.295	-.521	320	521	-.102	.116	.253	-.548
320	422	-.088	.114	.398	-.444	320	472	-.125	.125	.247	-.524	320	522	-.083	.120	.367	-.599
320	423	-.132	.119	.284	-.569	320	473	-.120	.115	.236	-.514	320	523	-.068	.113	.249	-.472
320	424	-.136	.117	.243	-.568	320	474	-.110	.124	.273	-.576	320	524	-.067	.109	.265	-.391
320	425	-.120	.119	.263	-.553	320	475	-.096	.112	.277	-.472	320	525	-.052	.116	.392	-.348
320	426	-.114	.124	.455	-.531	320	476	-.099	.123	.361	-.538	320	526	-.050	.106	.388	-.438
320	427	-.089	.139	.428	-.693	320	477	-.002	.133	.352	-.499	320	527	-.053	.117	.489	-.438
320	428	-.067	.140	.531	-.684	320	478	.012	.147	.392	-.702	320	528	.049	.110	.386	-.353
320	429	.026	.134	.461	-.504	320	479	.047	.124	.401	-.413	320	529	.046	.126	.448	-.326
320	430	.016	.127	.483	-.498	320	480	.039	.111	.373	-.393	320	530	.038	.110	.433	-.302
320	431	.010	.114	.457	-.408	320	481	.033	.118	.463	-.515	320	531	.026	.110	.463	-.308
320	432	-.004	.115	.350	-.377	320	482	.019	.111	.361	-.428	320	532	.019	.105	.350	-.470
320	433	.024	.119	.366	-.402	320	483	-.000	.128	.395	-.422	320	533	-.039	.110	.356	-.368
320	434	.016	.110	.339	-.533	320	484	-.010	.111	.414	-.332	320	534	-.071	.114	.284	-.443
320	435	.046	.115	.371	-.560	320	485	-.060	.115	.422	-.433	320	535	-.145	.114	.249	-.539
320	436	.071	.111	.267	-.501	320	486	-.100	.107	.311	-.557	320	536	-.152	.126	.275	-.617
320	437	.080	.126	.329	-.457	320	487	-.140	.121	.256	-.625	320	537	-.081	.116	.300	-.519
320	438	.101	.112	.331	-.415	320	488	-.137	.122	.265	-.640	320	538	-.061	.106	.265	-.421
320	439	.113	.117	.351	-.512	320	489	-.139	.113	.200	-.570	320	539	-.065	.118	.343	-.425
320	440	.123	.107	.243	-.562	320	490	-.105	.120	.296	-.487	320	540	-.063	.107	.283	-.429
320	441	.115	.114	.255	-.553	320	491	-.085	.111	.233	-.517	320	541	-.009	.115	.431	-.389
320	442	.101	.110	.243	-.456	320	492	-.082	.109	.330	-.458	320	542	-.044	.108	.292	-.418

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	543	-.062	.117	.377	-.423	320	631	-.004	.132	.572	-.386	320	923	-.048	.135	.441	-.465
320	544	-.128	.120	.234	-.599	320	632	-.027	.116	.400	-.386	320	924	-.079	.111	.294	-.515
320	545	-.122	.115	.251	-.505	320	633	-.066	.118	.431	-.411	320	925	-.084	.114	.269	-.437
320	546	-.086	.110	.297	-.584	320	634	-.070	.123	.547	-.350	320	926	-.093	.104	.196	-.484
320	547	-.066	.105	.279	-.403	320	635	-.064	.123	.461	-.382	320	927	-.104	.107	.235	-.451
320	548	-.066	.098	.258	-.413	320	636	-.024	.112	.379	-.460	320	928	-.105	.109	.307	-.478
320	549	-.063	.093	.245	-.397	320	637	-.009	.121	.393	-.440	320	929	-.114	.110	.227	-.508
320	550	-.055	.084	.327	-.239	320	638	-.056	.120	.403	-.363	320	930	-.117	.113	.208	-.580
320	551	-.058	.104	.362	-.276	320	639	-.055	.114	.530	-.321	320	931	-.084	.113	.367	-.410
320	552	-.053	.106	.412	-.325	320	640	-.058	.115	.405	-.326	320	932	-.111	.116	.283	-.473
320	553	-.047	.104	.409	-.291	320	641	-.028	.114	.392	-.383	320	933	-.105	.113	.207	-.630
320	554	-.055	.113	.409	-.301	320	642	-.012	.112	.355	-.339	320	934	-.087	.110	.292	-.440
320	555	-.034	.117	.429	-.347	320	643	-.037	.112	.395	-.341	320	935	-.108	.118	.281	-.534
320	556	-.043	.109	.393	-.334	320	644	-.054	.120	.429	-.312	320	936	-.095	.120	.302	-.581
320	557	-.029	.111	.438	-.318	320	645	-.051	.117	.406	-.358	320	937	-.090	.119	.415	-.469
320	558	-.027	.105	.393	-.284	320	646	-.032	.118	.419	-.418	320	938	-.173	.123	.173	-.555
320	559	-.003	.114	.432	-.375	320	647	-.030	.112	.411	-.326	320	939	-.164	.133	.270	-.649
320	560	-.103	.108	.271	-.470	320	648	-.044	.116	.424	-.372	330	101	-.120	.123	.259	-.489
320	561	-.099	.109	.237	-.478	320	649	-.025	.114	.283	-.470	330	102	-.139	.117	.287	-.649
320	562	-.068	.108	.330	-.394	320	650	-.026	.121	.430	-.359	330	103	-.200	.132	.210	-.606
320	601	-.176	.163	.845	-.317	320	651	-.044	.116	.393	-.499	330	104	-.236	.119	.218	-.659
320	602	-.128	.153	.661	-.481	320	801	-.075	.110	.256	-.394	330	105	-.129	.120	.270	-.589
320	603	-.096	.130	.629	-.292	320	802	-.077	.105	.298	-.528	330	106	-.080	.138	.446	-.832
320	604	-.017	.154	.717	-.368	320	803	-.070	.103	.288	-.417	330	107	-.148	.137	.587	-1.113
320	605	-.091	.168	.664	-.493	320	804	-.102	.104	.234	-.480	330	108	-.127	.112	.326	-.466
320	606	-.092	.171	.629	-.486	320	805	-.102	.121	.262	-.670	330	109	-.127	.118	.263	-.515
320	607	-.007	.144	.535	-.509	320	806	-.140	.116	.215	-.530	330	110	-.224	.139	.210	-.710
320	608	-.063	.180	.856	-.712	320	807	-.146	.122	.264	-.656	330	111	-.284	.160	.220	-.878
320	609	-.093	.182	.716	-.483	320	901	-.114	.108	.279	-.490	330	112	-.103	.144	.370	-.552
320	610	-.098	.163	.614	-.509	320	902	-.108	.114	.270	-.619	330	113	-.123	.225	.557	-1.078
320	611	-.120	.160	.705	-.301	320	903	-.151	.123	.253	-.600	330	114	-.044	.115	.424	-.445
320	612	-.143	.154	.715	-.366	320	904	-.028	.128	.446	-.532	330	115	-.190	.117	.226	-.580
320	613	-.110	.133	.604	-.386	320	905	-.103	.125	.370	-.524	330	116	-.119	.140	.360	-.700
320	614	-.086	.130	.514	-.325	320	906	-.122	.144	.367	-.732	330	117	-.095	.115	.297	-.486
320	615	-.055	.125	.581	-.366	320	907	-.082	.112	.306	-.469	330	118	-.092	.117	.228	-.573
320	616	-.122	.159	.762	-.279	320	908	-.082	.123	.329	-.530	330	119	-.106	.120	.280	-.855
320	617	-.138	.147	.722	-.441	320	909	-.127	.119	.340	-.492	330	120	-.113	.112	.250	-.537
320	618	-.134	.138	.679	-.284	320	910	-.171	.127	.265	-.563	330	121	-.146	.113	.300	-.586
320	619	-.097	.117	.585	-.305	320	911	-.124	.137	.351	-.615	330	122	-.175	.123	.283	-.532
320	620	-.063	.126	.485	-.354	320	912	-.118	.114	.243	-.562	330	123	-.227	.135	.216	-.683
320	621	-.068	.142	.545	-.345	320	913	-.062	.125	.337	-.466	330	124	-.254	.133	.097	-.816
320	622	-.092	.143	.738	-.274	320	914	-.087	.127	.364	-.602	330	125	-.155	.122	.237	-.570
320	623	-.107	.121	.559	-.306	320	915	-.086	.124	.384	-.612	330	126	-.107	.122	.380	-.622
320	624	-.084	.123	.629	-.292	320	916	-.079	.108	.251	-.405	330	127	-.119	.143	.434	-.657
320	625	-.057	.123	.562	-.380	320	917	-.114	.116	.248	-.479	330	128	-.055	.166	.649	-.325
320	626	-.016	.135	.585	-.475	320	918	-.090	.112	.267	-.577	330	129	-.076	.164	.750	-.397
320	627	-.061	.124	.525	-.353	320	919	-.088	.116	.329	-.453	330	130	-.063	.179	.779	-.510
320	628	-.085	.111	.453	-.319	320	920	-.112	.108	.258	-.473	330	131	-.046	.138	.557	-.483
320	629	-.070	.117	.534	-.319	320	921	-.172	.117	.182	-.597	330	132	-.013	.143	.636	-.402
320	630	-.061	.125	.528	-.318	320	922	-.128	.118	.350	-.545	330	133	-.019	.152	.750	-.459

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	134	-.080	.119	.310	-.467	330	184	-.072	.117	.308	-.514	330	234	-.064	.115	.317	-.493
330	135	-.084	.111	.304	-.499	330	185	-.074	.123	.390	-.514	330	235	-.069	.109	.309	-.443
330	136	-.087	.115	.344	-.505	330	186	-.073	.115	.287	-.451	330	236	-.081	.117	.311	-.548
330	137	-.094	.110	.286	-.428	330	187	-.081	.117	.290	-.466	330	237	-.094	.110	.286	-.473
330	138	-.094	.117	.265	-.529	330	188	-.093	.121	.316	-.570	330	238	-.105	.116	.276	-.468
330	139	-.114	.121	.326	-.560	330	189	-.124	.114	.342	-.490	330	239	-.126	.117	.320	-.512
330	140	-.138	.117	.236	-.545	330	190	-.176	.135	.284	-.738	330	240	-.140	.123	.377	-.500
330	141	-.163	.127	.296	-.630	330	191	-.188	.128	.311	-.681	330	241	-.149	.124	.262	-.594
330	142	-.200	.134	.265	-.691	330	192	-.205	.128	.233	-.585	330	242	-.111	.113	.309	-.519
330	143	-.271	.145	.171	-.811	330	193	-.203	.131	.385	-.886	330	243	-.100	.111	.235	-.534
330	144	-.266	.155	.261	-.753	330	194	-.155	.122	.302	-.743	330	244	-.103	.129	.321	-.490
330	145	-.294	.163	.204	-1.234	330	195	-.124	.123	.293	-.695	330	245	-.117	.129	.264	-.542
330	146	-.113	.121	.256	-.513	330	196	-.091	.127	.314	-.543	330	246	-.135	.133	.281	-.666
330	147	-.069	.122	.380	-.531	330	197	-.099	.143	.327	-.657	330	247	-.144	.130	.283	-.666
330	148	-.027	.129	.495	-.608	330	198	-.175	.179	.379	-.967	330	248	-.061	.116	.358	-.447
330	149	-.005	.130	.368	-.660	330	199	-.165	.165	.470	-.800	330	249	-.062	.115	.285	-.454
330	150	-.019	.157	.469	-.569	330	200	-.072	.115	.304	-.474	330	250	-.083	.107	.283	-.397
330	151	-.077	.190	.621	-.930	330	201	-.067	.114	.366	-.456	330	251	-.058	.101	.314	-.397
330	152	-.078	.107	.254	-.455	330	202	-.069	.109	.295	-.475	330	252	-.074	.104	.294	-.445
330	153	-.071	.084	.165	-.352	330	203	-.073	.118	.374	-.476	330	253	-.046	.103	.343	-.378
330	154	-.077	.102	.241	-.416	330	204	-.085	.116	.277	-.478	330	254	-.054	.102	.329	-.388
330	155	-.081	.111	.349	-.444	330	205	-.108	.115	.306	-.503	330	255	-.072	.106	.269	-.400
330	156	-.102	.109	.273	-.487	330	206	-.143	.115	.217	-.658	330	256	-.067	.102	.256	-.409
330	157	-.111	.121	.378	-.522	330	207	-.170	.125	.254	-.641	330	257	-.084	.114	.241	-.447
330	158	-.158	.131	.256	-.620	330	208	-.176	.118	.280	-.569	330	258	-.101	.117	.266	-.445
330	159	-.218	.131	.234	-.625	330	209	-.179	.131	.320	-.591	330	259	-.150	.147	.305	-.763
330	160	-.252	.131	.218	-.767	330	210	-.142	.115	.261	-.569	330	260	-.048	.105	.279	-.351
330	161	-.253	.141	.176	-.887	330	211	-.123	.111	.237	-.638	330	261	-.051	.111	.284	-.435
330	162	-.161	.112	.225	-.521	330	212	-.102	.118	.248	-.551	330	262	-.058	.108	.310	-.413
330	163	-.103	.126	.368	-.548	330	213	-.130	.129	.245	-.658	330	263	-.062	.099	.321	-.386
330	164	-.034	.120	.400	-.469	330	214	-.175	.145	.251	-.806	330	264	-.071	.109	.260	-.389
330	165	-.028	.145	.390	-.876	330	215	-.188	.153	.352	-.746	330	265	-.084	.111	.328	-.458
330	166	-.097	.186	.609	-.905	330	216	-.067	.106	.336	-.421	330	266	-.091	.108	.256	-.435
330	167	-.125	.185	.482	-.720	330	217	-.065	.106	.279	-.449	330	267	-.113	.112	.231	-.563
330	168	-.076	.103	.233	-.374	330	218	-.067	.108	.273	-.432	330	268	-.075	.103	.256	-.441
330	169	-.076	.117	.277	-.518	330	219	-.069	.113	.258	-.405	330	269	-.030	.111	.346	-.430
330	170	-.069	.103	.330	-.433	330	220	-.077	.112	.271	-.421	330	301	-.114	.109	.237	-.463
330	171	-.081	.108	.277	-.436	330	221	-.098	.112	.274	-.463	330	302	-.104	.110	.329	-.494
330	172	-.107	.118	.252	-.558	330	222	-.123	.113	.251	-.632	330	303	-.114	.112	.289	-.461
330	173	-.128	.122	.255	-.628	330	223	-.151	.116	.347	-.674	330	304	-.094	.107	.258	-.570
330	174	-.168	.129	.252	-.598	330	224	-.153	.114	.217	-.710	330	305	-.119	.106	.224	-.608
330	175	-.204	.130	.243	-.715	330	225	-.155	.125	.284	-.633	330	306	-.112	.108	.258	-.504
330	176	-.227	.125	.181	-.715	330	226	-.138	.120	.243	-.547	330	307	-.092	.109	.322	-.532
330	177	-.212	.118	.317	-.610	330	227	-.127	.116	.271	-.630	330	308	-.086	.110	.315	-.409
330	178	-.152	.112	.209	-.514	330	228	-.110	.124	.330	-.469	330	309	-.098	.101	.200	-.389
330	179	-.114	.123	.342	-.589	330	229	-.133	.130	.306	-.620	330	310	-.085	.101	.270	-.524
330	180	-.072	.133	.348	-.453	330	230	-.167	.140	.296	-.793	330	311	-.090	.107	.283	-.498
330	181	-.068	.154	.382	-.745	330	231	-.180	.149	.239	-.777	330	312	-.087	.112	.300	-.562
330	182	-.127	.180	.505	-.835	330	232	-.068	.111	.302	-.432	330	313	-.100	.115	.283	-.522
330	183	-.162	.188	.507	-.868	330	233	-.064	.111	.298	-.412	330	314	-.087	.106	.257	-.495

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	315	-.074	.114	.334	-.470	330	365	-.052	.111	.359	-.445	330	444	-.084	.116	.278	-.498
330	316	-.071	.114	.284	-.415	330	366	-.058	.107	.293	-.421	330	445	-.125	.145	.305	-.636
330	317	-.079	.113	.396	-.456	330	367	-.055	.106	.326	-.451	330	446	-.101	.120	.233	-.558
330	318	-.078	.117	.467	-.439	330	368	-.052	.101	.225	-.405	330	447	-.023	.124	.365	-.492
330	319	-.067	.103	.272	-.409	330	369	-.051	.109	.283	-.419	330	448	-.001	.115	.447	-.441
330	320	-.074	.113	.320	-.469	330	370	-.047	.101	.289	-.388	330	449	-.005	.120	.420	-.359
330	321	-.070	.110	.276	-.487	330	371	-.046	.106	.349	-.408	330	450	-.021	.107	.387	-.353
330	322	-.079	.115	.298	-.485	330	401	-.175	.173	.319	-.787	330	451	-.037	.123	.343	-.437
330	323	-.073	.110	.276	-.445	330	402	-.067	.133	.324	-.582	330	452	-.034	.114	.331	-.421
330	324	-.080	.116	.294	-.487	330	403	-.051	.122	.370	-.443	330	453	-.058	.108	.271	-.392
330	325	-.071	.113	.346	-.470	330	404	-.120	.115	.280	-.513	330	454	-.068	.120	.375	-.452
330	326	-.073	.103	.290	-.457	330	405	-.192	.125	.243	-.656	330	455	-.083	.113	.318	-.506
330	327	-.069	.113	.384	-.470	330	406	-.171	.132	.365	-.693	330	456	-.089	.112	.329	-.428
330	328	-.075	.113	.286	-.484	330	407	-.131	.116	.206	-.658	330	457	-.089	.117	.302	-.570
330	329	-.075	.107	.297	-.393	330	408	-.157	.159	.350	-.860	330	458	-.080	.118	.292	-.498
330	330	-.070	.109	.248	-.500	330	409	-.070	.122	.327	-.629	330	459	-.078	.125	.322	-.464
330	331	-.070	.107	.277	-.413	330	410	-.073	.112	.305	-.454	330	460	-.087	.124	.300	-.458
330	332	-.070	.101	.281	-.432	330	411	-.123	.120	.331	-.464	330	461	-.093	.145	.345	-.587
330	333	-.073	.114	.397	-.489	330	412	-.208	.141	.209	-.762	330	462	-.097	.162	.323	-.872
330	334	-.071	.106	.290	-.449	330	413	-.183	.130	.300	-.792	330	463	-.012	.153	.459	-.598
330	335	-.068	.106	.267	-.401	330	414	-.115	.116	.294	-.474	330	464	-.007	.117	.398	-.402
330	336	-.066	.104	.259	-.484	330	415	-.079	.147	.424	-.913	330	465	-.000	.115	.507	-.457
330	337	-.068	.101	.270	-.454	330	416	-.044	.132	.368	-.525	330	466	-.008	.123	.343	-.402
330	338	-.069	.100	.246	-.384	330	417	-.020	.116	.303	-.620	330	467	-.024	.116	.377	-.398
330	339	-.070	.116	.297	-.512	330	418	-.033	.128	.336	-.429	330	468	-.022	.111	.349	-.437
330	340	-.061	.104	.317	-.442	330	419	-.041	.125	.328	-.474	330	469	-.068	.111	.314	-.418
330	341	-.060	.103	.261	-.429	330	420	-.046	.117	.321	-.454	330	470	-.078	.113	.282	-.443
330	342	-.068	.107	.275	-.432	330	421	-.062	.118	.318	-.479	330	471	-.089	.115	.380	-.559
330	343	-.063	.112	.271	-.401	330	422	-.080	.114	.316	-.404	330	472	-.086	.120	.358	-.558
330	344	-.066	.110	.284	-.447	330	423	-.120	.118	.318	-.572	330	473	-.092	.117	.320	-.515
330	345	-.063	.110	.312	-.407	330	424	-.108	.126	.333	-.511	330	474	-.088	.117	.328	-.506
330	346	-.062	.106	.274	-.471	330	425	-.108	.114	.257	-.470	330	475	-.081	.122	.309	-.501
330	347	-.065	.103	.381	-.396	330	426	-.110	.114	.287	-.477	330	476	-.086	.111	.358	-.480
330	348	-.064	.105	.281	-.420	330	427	-.128	.134	.356	-.607	330	477	-.049	.143	.345	-.576
330	349	-.062	.113	.342	-.460	330	428	-.116	.136	.353	-.601	330	478	-.047	.149	.378	-.636
330	350	-.063	.105	.300	-.391	330	429	-.001	.150	.534	-.519	330	479	-.000	.149	.435	-.762
330	351	-.061	.100	.332	-.401	330	430	-.016	.119	.390	-.517	330	480	-.011	.124	.429	-.486
330	352	-.060	.099	.279	-.411	330	431	-.009	.121	.386	-.423	330	481	-.011	.122	.473	-.467
330	353	-.053	.103	.332	-.384	330	432	-.023	.115	.357	-.384	330	482	-.003	.120	.426	-.398
330	354	-.052	.104	.360	-.382	330	433	-.031	.117	.380	-.369	330	483	-.013	.119	.366	-.340
330	355	-.063	.105	.296	-.424	330	434	-.023	.118	.401	-.456	330	484	-.019	.110	.390	-.406
330	356	-.057	.103	.293	-.396	330	435	-.043	.119	.393	-.492	330	485	-.055	.115	.329	-.611
330	357	-.058	.112	.266	-.441	330	436	-.060	.116	.342	-.433	330	486	-.079	.112	.306	-.504
330	358	-.060	.116	.307	-.452	330	437	-.066	.119	.318	-.408	330	487	-.108	.116	.236	-.516
330	359	-.064	.114	.359	-.425	330	438	-.075	.110	.333	-.405	330	488	-.095	.118	.343	-.495
330	360	-.055	.108	.277	-.378	330	439	-.083	.111	.290	-.598	330	489	-.097	.107	.246	-.457
330	361	-.050	.114	.293	-.448	330	440	-.085	.107	.248	-.481	330	490	-.100	.120	.314	-.516
330	362	-.047	.109	.306	-.401	330	441	-.093	.116	.237	-.505	330	491	-.087	.117	.242	-.506
330	363	-.057	.103	.300	-.372	330	442	-.080	.116	.323	-.472	330	492	-.083	.110	.271	-.777
330	364	-.055	.111	.286	-.376	330	443	-.079	.098	.260	-.388	330	493	-.016	.128	.501	-.513

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	494	-.003	.132	.484	-.544	330	544	-.101	.110	.333	-.496	330	632	.052	.127	.471	-.354
330	495	-.025	.126	.515	-.385	330	545	-.098	.108	.272	-.481	330	633	.084	.127	.609	-.318
330	496	.019	.106	.404	-.293	330	546	-.066	.101	.310	-.382	330	634	.066	.112	.444	-.370
330	497	.012	.121	.410	-.369	330	547	-.054	.099	.312	-.486	330	635	.043	.127	.551	-.403
330	498	.005	.114	.367	-.375	330	548	-.052	.100	.318	-.410	330	636	.004	.123	.411	-.376
330	499	-.008	.108	.312	-.348	330	549	-.051	.097	.265	-.487	330	637	.039	.118	.396	-.328
330	500	-.013	.119	.451	-.397	330	550	.030	.091	.294	-.242	330	638	.056	.112	.399	-.532
330	501	-.058	.112	.332	-.469	330	551	.037	.098	.328	-.262	330	639	.053	.124	.482	-.309
330	502	-.084	.116	.391	-.432	330	552	.034	.099	.398	-.274	330	640	.042	.119	.420	-.384
330	503	-.112	.120	.309	-.584	330	553	.028	.100	.388	-.290	330	641	-.003	.111	.311	-.372
330	504	-.111	.123	.271	-.508	330	554	.025	.097	.391	-.327	330	642	.017	.113	.420	-.339
330	505	-.100	.131	.292	-.605	330	555	.020	.101	.377	-.318	330	643	.042	.111	.449	-.307
330	506	-.091	.128	.317	-.469	330	556	.024	.099	.394	-.305	330	644	.051	.114	.447	-.364
330	507	-.070	.115	.261	-.469	330	557	.010	.099	.394	-.315	330	645	.042	.119	.467	-.387
330	508	-.072	.130	.297	-.561	330	558	.007	.101	.350	-.360	330	646	-.011	.109	.389	-.362
330	509	.006	.136	.472	-.423	330	559	-.013	.099	.341	-.340	330	647	.024	.098	.368	-.293
330	510	.012	.121	.409	-.487	330	560	-.083	.110	.222	-.459	330	648	.028	.104	.352	-.316
330	511	.031	.114	.379	-.428	330	561	-.063	.115	.306	-.425	330	649	.006	.103	.380	-.379
330	512	.026	.124	.409	-.441	330	562	-.057	.111	.352	-.428	330	650	.027	.110	.394	-.378
330	513	.018	.116	.395	-.326	330	601	-.187	.155	.835	-.427	330	651	.039	.106	.445	-.388
330	514	.016	.110	.368	-.394	330	602	.149	.145	.672	-.320	330	801	.051	.106	.321	-.382
330	515	.007	.112	.359	-.385	330	603	.075	.131	.508	-.343	330	802	-.050	.100	.327	-.371
330	516	.011	.115	.382	-.410	330	604	.022	.132	.470	-.376	330	803	-.050	.098	.314	-.466
330	517	.051	.116	.392	-.517	330	605	.098	.147	.623	-.318	330	804	-.077	.104	.291	-.476
330	518	.074	.119	.380	-.567	330	606	.105	.140	.596	-.374	330	805	-.058	.119	.332	-.489
330	519	.118	.113	.362	-.508	330	607	.016	.122	.498	-.389	330	806	-.098	.125	.300	-.642
330	520	.117	.117	.270	-.446	330	608	.045	.175	.705	-.511	330	807	-.098	.115	.277	-.486
330	521	.101	.122	.289	-.475	330	609	.066	.165	.725	-.647	330	901	-.115	.120	.301	-.586
330	522	.075	.111	.335	-.500	330	610	.072	.158	.638	-.498	330	902	-.080	.111	.291	-.460
330	523	.061	.115	.271	-.476	330	611	.147	.157	.849	-.597	330	903	-.124	.124	.292	-.708
330	524	.061	.114	.318	-.414	330	612	.143	.145	.631	-.308	330	904	-.018	.110	.384	-.393
330	525	.019	.121	.429	-.390	330	613	.130	.146	.685	-.368	330	905	-.092	.111	.254	-.489
330	526	.025	.119	.398	-.387	330	614	.099	.141	.669	-.379	330	906	-.087	.144	.408	-.688
330	527	.036	.121	.491	-.499	330	615	.033	.116	.608	-.351	330	907	-.071	.110	.306	-.442
330	528	.027	.117	.409	-.366	330	616	.161	.153	.796	-.336	330	908	-.054	.109	.343	-.424
330	529	.026	.117	.426	-.304	330	617	.185	.160	.780	-.333	330	909	-.104	.109	.311	-.458
330	530	.017	.108	.432	-.385	330	618	.164	.149	.873	-.374	330	910	-.134	.126	.326	-.585
330	531	.006	.113	.391	-.506	330	619	.089	.131	.744	-.381	330	911	-.058	.139	.406	-.707
330	532	.003	.107	.315	-.434	330	620	.035	.121	.442	-.454	330	912	-.120	.118	.274	-.634
330	533	.048	.116	.344	-.437	330	621	.084	.138	.563	-.755	330	913	-.045	.136	.594	-.560
330	534	.069	.120	.395	-.437	330	622	.129	.136	.681	-.280	330	914	-.073	.134	.449	-.572
330	535	.119	.104	.224	-.478	330	623	.118	.130	.698	-.249	330	915	-.068	.125	.342	-.480
330	536	.123	.126	.218	-.587	330	624	.069	.130	.534	-.346	330	916	-.067	.115	.297	-.510
330	537	.089	.118	.265	-.496	330	625	.033	.125	.492	-.378	330	917	-.102	.120	.340	-.477
330	538	.053	.106	.326	-.435	330	626	.063	.123	.437	-.294	330	918	-.086	.115	.317	-.443
330	539	.048	.107	.306	-.494	330	627	.090	.135	.585	-.303	330	919	-.066	.104	.265	-.410
330	540	.047	.113	.441	-.435	330	628	.099	.122	.645	-.324	330	920	-.099	.111	.240	-.478
330	541	.024	.105	.333	-.419	330	629	.068	.125	.615	-.297	330	921	-.152	.124	.223	-.517
330	542	.045	.104	.300	-.528	330	630	.037	.133	.470	-.459	330	922	-.132	.118	.287	-.532
330	543	.058	.101	.266	-.419	330	631	.021	.128	.420	-.394	330	923	-.038	.133	.482	-.461

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	924	-.059	.108	.287	-.375	340	135	-.054	.114	.382	-.483	340	185	-.057	.110	.317	-.468
330	925	-.061	.111	.276	-.461	340	136	-.059	.107	.344	-.404	340	186	-.050	.111	.272	-.456
330	926	-.067	.109	.295	-.432	340	137	-.063	.112	.368	-.431	340	187	-.060	.112	.360	-.433
330	927	-.080	.101	.291	-.414	340	138	-.061	.108	.300	-.477	340	188	-.066	.122	.304	-.487
330	928	-.090	.109	.243	-.425	340	139	-.085	.113	.313	-.458	340	189	-.082	.121	.336	-.380
330	929	-.097	.112	.307	-.483	340	140	-.098	.115	.309	-.583	340	190	-.110	.129	.355	-.640
330	930	-.131	.119	.285	-.572	340	141	-.115	.121	.287	-.517	340	191	-.142	.129	.311	-.721
330	931	-.064	.105	.309	-.464	340	142	-.155	.146	.379	-.726	340	192	-.173	.121	.216	-.650
330	932	-.077	.101	.195	-.469	340	143	-.202	.152	.290	-.841	340	193	-.164	.111	.185	-.609
330	933	-.094	.106	.234	-.439	340	144	-.180	.155	.312	-.920	340	194	-.118	.117	.291	-.509
330	934	-.062	.106	.302	-.475	340	145	-.219	.157	.260	-.973	340	195	-.083	.109	.280	-.452
330	935	-.084	.109	.306	-.472	340	146	-.057	.125	.405	-.524	340	196	-.049	.117	.317	-.416
330	936	-.074	.112	.318	-.475	340	147	-.008	.122	.473	-.372	340	197	-.038	.117	.351	-.324
330	937	-.074	.108	.295	-.552	340	148	-.022	.134	.503	-.506	340	198	-.060	.140	.351	-.549
330	938	-.181	.117	.194	-.537	340	149	-.043	.138	.619	-.335	340	199	-.067	.148	.427	-.734
330	939	-.136	.113	.250	-.582	340	150	-.055	.152	.670	-.460	340	200	-.046	.110	.322	-.465
340	101	-.099	.120	.354	-.533	340	151	-.035	.155	.548	-.511	340	201	-.048	.109	.329	-.405
340	102	-.097	.119	.265	-.543	340	152	-.051	.104	.287	-.362	340	202	-.042	.114	.313	-.454
340	103	-.144	.111	.261	-.548	340	153	-.054	.088	.242	-.320	340	203	-.049	.120	.358	-.428
340	104	-.244	.154	.202	-.875	340	154	-.048	.096	.290	-.421	340	204	-.056	.104	.275	-.405
340	105	-.069	.129	.390	-.426	340	155	-.063	.104	.316	-.409	340	205	-.071	.107	.329	-.467
340	106	-.025	.144	.629	-.554	340	156	-.080	.120	.301	-.499	340	206	-.108	.117	.323	-.534
340	107	-.047	.205	.919	-.852	340	157	-.092	.123	.388	-.472	340	207	-.124	.132	.306	-.707
340	108	-.086	.111	.354	-.475	340	158	-.116	.117	.235	-.482	340	208	-.143	.116	.211	-.628
340	109	-.088	.108	.296	-.480	340	159	-.154	.131	.433	-.703	340	209	-.151	.114	.204	-.656
340	110	-.150	.132	.293	-.683	340	160	-.271	.163	.254	-.965	340	210	-.104	.117	.297	-.512
340	111	-.222	.147	.228	-.824	340	161	-.226	.155	.186	-.1046	340	211	-.081	.108	.290	-.421
340	112	-.005	.140	.636	-.463	340	162	-.128	.123	.327	-.569	340	212	-.051	.115	.313	-.501
340	113	-.068	.209	.834	-.832	340	163	-.071	.120	.366	-.477	340	213	-.057	.131	.292	-.826
340	114	-.001	.130	.562	-.383	340	164	-.003	.127	.529	-.515	340	214	-.073	.135	.327	-.559
340	115	-.119	.124	.328	-.579	340	165	-.020	.137	.549	-.466	340	215	-.077	.138	.317	-.579
340	116	-.029	.156	.631	-.611	340	166	-.031	.158	.557	-.543	340	216	-.050	.115	.397	-.451
340	117	-.079	.114	.334	-.451	340	167	-.023	.191	.751	-.822	340	217	-.045	.107	.258	-.369
340	118	-.068	.110	.379	-.515	340	168	-.060	.113	.304	-.416	340	218	-.038	.110	.429	-.460
340	119	-.075	.117	.395	-.521	340	169	-.059	.114	.322	-.477	340	219	-.043	.106	.349	-.466
340	120	-.091	.116	.272	-.543	340	170	-.060	.114	.358	-.450	340	220	-.052	.109	.379	-.398
340	121	-.117	.120	.256	-.560	340	171	-.064	.109	.250	-.422	340	221	-.056	.122	.404	-.521
340	122	-.126	.136	.328	-.829	340	172	-.069	.113	.372	-.509	340	222	-.076	.105	.290	-.499
340	123	-.181	.135	.354	-.751	340	173	-.087	.111	.326	-.531	340	223	-.100	.121	.279	-.470
340	124	-.208	.145	.203	-.857	340	174	-.132	.123	.308	-.632	340	224	-.139	.127	.333	-.615
340	125	-.085	.133	.412	-.525	340	175	-.156	.143	.430	-.796	340	225	-.123	.110	.256	-.347
340	126	-.043	.136	.531	-.494	340	176	-.186	.122	.185	-.704	340	226	-.104	.118	.335	-.465
340	127	-.053	.152	.640	-.669	340	177	-.178	.130	.220	-.809	340	227	-.068	.114	.350	-.492
340	128	-.101	.176	.888	-.464	340	178	-.127	.129	.327	-.593	340	228	-.041	.109	.365	-.467
340	129	-.101	.170	.875	-.379	340	179	-.076	.114	.322	-.490	340	229	-.042	.120	.485	-.469
340	130	-.061	.168	.740	-.477	340	180	-.031	.124	.467	-.421	340	230	-.062	.124	.335	-.646
340	131	-.001	.154	.599	-.437	340	181	-.002	.132	.549	-.628	340	231	-.071	.134	.424	-.381
340	132	-.047	.144	.737	-.313	340	182	-.011	.159	.572	-.787	340	232	-.041	.108	.295	-.412
340	133	-.038	.153	.679	-.372	340	183	-.025	.160	.517	-.674	340	233	-.045	.108	.358	-.404
340	134	-.058	.119	.430	-.394	340	184	-.057	.106	.275	-.428	340	234	-.039	.117	.350	-.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	235	-.040	.114	.368	-.401	340	316	-.056	.109	.272	-.406	340	366	-.039	.114	.335	-.462
340	236	-.042	.111	.365	-.440	340	317	-.053	.101	.353	-.463	340	367	-.044	.113	.291	-.414
340	237	-.056	.110	.355	-.483	340	318	-.061	.113	.370	-.426	340	368	-.043	.103	.278	-.462
340	238	-.070	.114	.277	-.443	340	319	-.053	.116	.380	-.481	340	369	-.041	.109	.296	-.462
340	239	-.079	.102	.311	-.460	340	320	-.053	.108	.326	-.395	340	370	-.041	.115	.374	-.441
340	240	-.103	.114	.274	-.527	340	321	-.053	.101	.299	-.422	340	371	-.040	.122	.322	-.382
340	241	-.098	.112	.272	-.457	340	322	-.057	.112	.327	-.388	340	401	-.212	.155	.345	-.696
340	242	-.064	.108	.277	-.449	340	323	-.056	.111	.334	-.402	340	402	-.132	.139	.300	-.678
340	243	-.052	.102	.313	-.370	340	324	-.054	.109	.292	-.492	340	403	-.086	.125	.342	-.566
340	244	-.027	.110	.314	-.402	340	325	-.057	.108	.340	-.415	340	404	-.102	.101	.226	-.458
340	245	-.024	.115	.303	-.438	340	326	-.053	.111	.285	-.441	340	405	-.149	.122	.246	-.643
340	246	-.054	.130	.435	-.547	340	327	-.053	.116	.329	-.450	340	406	-.128	.120	.251	-.606
340	247	-.055	.128	.422	-.538	340	328	-.055	.102	.270	-.394	340	407	-.097	.107	.216	-.435
340	248	-.041	.109	.321	-.566	340	329	-.055	.103	.279	-.460	340	408	-.200	.149	.333	-.844
340	249	-.045	.109	.291	-.378	340	330	-.060	.109	.331	-.401	340	409	-.119	.143	.258	-.897
340	250	-.052	.107	.337	-.411	340	331	-.045	.113	.310	-.394	340	410	-.077	.112	.384	-.608
340	251	-.029	.109	.360	-.351	340	332	-.055	.103	.309	-.374	340	411	-.103	.124	.272	-.431
340	252	-.033	.112	.333	-.411	340	333	-.059	.104	.296	-.434	340	412	-.135	.115	.220	-.521
340	253	-.035	.108	.327	-.410	340	334	-.053	.109	.321	-.432	340	413	-.127	.121	.275	-.566
340	254	-.041	.106	.301	-.364	340	335	-.052	.105	.374	-.381	340	414	-.093	.114	.259	-.584
340	255	-.051	.113	.366	-.437	340	336	-.047	.109	.286	-.454	340	415	-.108	.129	.389	-.626
340	256	-.059	.102	.330	-.350	340	337	-.053	.107	.267	-.463	340	416	-.095	.136	.351	-.672
340	257	-.038	.106	.305	-.418	340	338	-.052	.113	.326	-.409	340	417	-.066	.117	.304	-.616
340	258	-.017	.115	.413	-.503	340	339	-.049	.114	.325	-.428	340	418	-.061	.121	.333	-.468
340	259	-.030	.135	.377	-.568	340	340	-.048	.113	.358	-.444	340	419	-.056	.115	.319	-.608
340	260	-.034	.118	.363	-.429	340	341	-.043	.103	.256	-.356	340	420	-.047	.115	.316	-.446
340	261	-.030	.106	.403	-.459	340	342	-.041	.109	.433	-.457	340	421	-.056	.105	.275	-.463
340	262	-.038	.111	.341	-.418	340	343	-.044	.106	.346	-.457	340	422	-.069	.119	.358	-.421
340	263	-.034	.113	.405	-.424	340	344	-.048	.108	.372	-.398	340	423	-.101	.114	.296	-.530
340	264	-.032	.116	.364	-.408	340	345	-.046	.119	.413	-.477	340	424	-.100	.114	.249	-.520
340	265	-.030	.110	.328	-.463	340	346	-.037	.102	.292	-.352	340	425	-.088	.117	.287	-.460
340	266	-.025	.121	.364	-.467	340	347	-.039	.110	.308	-.401	340	426	-.090	.107	.267	-.430
340	267	-.039	.115	.337	-.418	340	348	-.044	.116	.369	-.464	340	427	-.145	.148	.269	-.789
340	268	-.023	.111	.316	-.473	340	349	-.041	.104	.336	-.417	340	428	-.122	.126	.265	-.785
340	269	-.017	.114	.390	-.385	340	350	-.040	.105	.348	-.348	340	429	-.094	.146	.393	-.815
340	301	-.083	.101	.270	-.470	340	351	-.044	.105	.345	-.401	340	430	-.075	.124	.352	-.499
340	302	-.092	.124	.316	-.466	340	352	-.043	.108	.313	-.395	340	431	-.040	.124	.396	-.482
340	303	-.099	.115	.297	-.492	340	353	-.044	.110	.350	-.434	340	432	-.044	.115	.330	-.538
340	304	-.072	.108	.281	-.466	340	354	-.040	.107	.297	-.370	340	433	-.043	.108	.350	-.429
340	305	-.097	.118	.303	-.562	340	355	-.043	.112	.350	-.430	340	434	-.036	.110	.387	-.415
340	306	-.095	.115	.323	-.476	340	356	-.045	.103	.291	-.387	340	435	-.048	.108	.318	-.412
340	307	-.082	.116	.324	-.489	340	357	-.041	.108	.215	-.469	340	436	-.056	.114	.325	-.472
340	308	-.070	.118	.399	-.450	340	358	-.043	.114	.291	-.517	340	437	-.056	.105	.322	-.416
340	309	-.070	.094	.221	-.336	340	359	-.050	.118	.323	-.443	340	438	-.053	.113	.302	-.407
340	310	-.074	.109	.287	-.493	340	360	-.047	.120	.388	-.438	340	439	-.067	.106	.339	-.456
340	311	-.075	.118	.339	-.532	340	361	-.042	.107	.379	-.456	340	440	-.067	.113	.277	-.400
340	312	-.077	.114	.341	-.443	340	362	-.043	.112	.355	-.419	340	441	-.062	.116	.324	-.437
340	313	-.072	.107	.282	-.548	340	363	-.049	.114	.383	-.434	340	442	-.063	.108	.322	-.395
340	314	-.069	.114	.370	-.504	340	364	-.042	.117	.339	-.412	340	443	-.057	.112	.349	-.457
340	315	-.053	.113	.375	-.484	340	365	-.044	.112	.310	-.468	340	444	-.056	.110	.370	-.401

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	445	-.125	.135	.272	-.628	340	495	-.011	.114	.347	-.493	340	545	-.075	.117	.395	-.456
340	446	-.128	.116	.216	-.580	340	496	-.005	.113	.368	-.464	340	546	-.055	.108	.272	-.406
340	447	-.083	.134	.368	-.656	340	497	-.002	.117	.423	-.437	340	547	-.050	.105	.288	-.444
340	448	-.038	.117	.300	-.407	340	498	-.004	.104	.341	-.340	340	548	-.033	.106	.357	-.416
340	449	-.040	.110	.319	-.426	340	499	-.016	.113	.354	-.413	340	549	-.034	.095	.353	-.291
340	450	-.031	.113	.337	-.399	340	500	-.024	.106	.314	-.416	340	550	.004	.081	.243	-.244
340	451	-.041	.118	.400	-.468	340	501	-.049	.112	.323	-.505	340	551	.002	.108	.332	-.339
340	452	-.037	.105	.326	-.360	340	502	-.061	.118	.341	-.391	340	552	.006	.109	.416	-.332
340	453	-.033	.113	.299	-.430	340	503	-.080	.106	.253	-.408	340	553	.018	.100	.407	-.269
340	454	-.064	.107	.266	-.415	340	504	-.082	.117	.255	-.475	340	554	.010	.101	.385	-.329
340	455	-.066	.111	.336	-.501	340	505	-.080	.113	.255	-.474	340	555	.014	.106	.362	-.318
340	456	-.062	.118	.326	-.400	340	506	-.069	.120	.340	-.450	340	556	.013	.106	.355	-.318
340	457	-.068	.103	.260	-.426	340	507	-.057	.112	.326	-.461	340	557	.004	.104	.366	-.296
340	458	-.064	.116	.301	-.446	340	508	-.060	.118	.359	-.516	340	558	.004	.111	.389	-.372
340	459	-.064	.108	.274	-.426	340	509	-.022	.113	.395	-.633	340	559	-.012	.100	.323	-.335
340	460	-.063	.114	.329	-.414	340	510	-.018	.123	.374	-.472	340	560	.051	.105	.303	-.429
340	461	-.124	.126	.257	-.667	340	511	-.003	.115	.392	-.376	340	561	-.041	.112	.273	-.525
340	462	-.134	.146	.372	-.838	340	512	-.010	.109	.356	-.328	340	562	-.039	.115	.333	-.401
340	463	-.065	.134	.412	-.731	340	513	-.000	.122	.432	-.361	340	601	.106	.170	.659	-.543
340	464	-.043	.127	.343	-.524	340	514	-.001	.107	.389	-.392	340	602	.072	.136	.677	-.321
340	465	-.024	.113	.381	-.388	340	515	-.012	.109	.356	-.377	340	603	-.006	.131	.522	-.462
340	466	-.018	.109	.317	-.345	340	516	-.009	.111	.402	-.416	340	604	.010	.135	.509	-.421
340	467	-.035	.119	.345	-.402	340	517	-.043	.104	.256	-.401	340	605	.054	.157	.606	-.432
340	468	-.030	.108	.363	-.427	340	518	-.062	.113	.350	-.524	340	606	.047	.139	.609	-.399
340	469	-.054	.111	.319	-.418	340	519	-.085	.109	.304	-.444	340	607	-.031	.128	.470	-.454
340	470	-.056	.111	.360	-.461	340	520	-.091	.101	.255	-.452	340	608	.047	.161	.577	-.860
340	471	-.069	.107	.253	-.447	340	521	-.079	.118	.337	-.511	340	609	-.009	.146	.713	-.471
340	472	-.064	.114	.320	-.543	340	522	-.058	.115	.371	-.462	340	610	-.021	.146	.547	-.552
340	473	-.070	.109	.298	-.441	340	523	-.046	.119	.362	-.441	340	611	.101	.153	.680	-.517
340	474	-.069	.101	.278	-.403	340	524	-.040	.112	.311	-.417	340	612	.096	.144	.609	-.384
340	475	-.066	.115	.334	-.480	340	525	-.007	.111	.402	-.453	340	613	.091	.141	.643	-.301
340	476	-.066	.117	.385	-.506	340	526	-.007	.110	.439	-.397	340	614	.044	.127	.492	-.353
340	477	-.090	.137	.442	-.677	340	527	-.005	.113	.332	-.408	340	615	-.010	.121	.440	-.377
340	478	-.078	.147	.358	-.917	340	528	-.009	.115	.411	-.441	340	616	.108	.166	.783	-.511
340	479	-.026	.126	.415	-.582	340	529	.010	.103	.399	-.340	340	617	.106	.141	.789	-.458
340	480	-.017	.115	.491	-.579	340	530	-.006	.111	.386	-.359	340	618	.072	.133	.538	-.350
340	481	-.009	.114	.372	-.412	340	531	-.007	.107	.337	-.355	340	619	.027	.131	.580	-.427
340	482	-.012	.120	.403	-.471	340	532	-.001	.112	.344	-.345	340	620	-.023	.127	.476	-.494
340	483	-.019	.105	.379	-.367	340	533	-.033	.112	.311	-.386	340	621	.078	.150	.574	-.758
340	484	-.019	.113	.339	-.390	340	534	-.057	.115	.347	-.438	340	622	.075	.125	.586	-.363
340	485	-.051	.107	.313	-.426	340	535	-.085	.121	.310	-.624	340	623	.070	.128	.532	-.360
340	486	-.062	.115	.301	-.430	340	536	-.088	.116	.393	-.461	340	624	.023	.129	.454	-.428
340	487	-.069	.115	.272	-.408	340	537	-.055	.113	.301	-.386	340	625	-.025	.115	.375	-.419
340	488	-.078	.113	.289	-.464	340	538	-.037	.115	.346	-.505	340	626	.053	.132	.533	-.698
340	489	-.071	.116	.320	-.476	340	539	-.035	.113	.349	-.401	340	627	.055	.117	.589	-.587
340	490	-.071	.115	.399	-.462	340	540	-.032	.115	.279	-.420	340	628	.054	.117	.493	-.394
340	491	-.056	.114	.340	-.452	340	541	-.024	.104	.307	-.367	340	629	.027	.118	.440	-.301
340	492	-.061	.115	.334	-.521	340	542	-.036	.115	.380	-.455	340	630	-.007	.109	.393	-.415
340	493	-.048	.125	.388	-.629	340	543	-.048	.101	.339	-.360	340	631	.024	.119	.650	-.332
340	494	-.036	.128	.339	-.486	340	544	-.074	.109	.353	-.473	340	632	.032	.110	.381	-.448

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	633	.049	.115	.477	-.319	340	925	-.036	.105	.369	-.454	350	136	-.050	.109	.301	-.386
340	634	.030	.110	.414	-.359	340	926	-.039	.111	.340	-.413	350	137	-.056	.110	.290	-.460
340	635	.010	.119	.714	-.388	340	927	-.045	.114	.393	-.471	350	138	-.042	.113	.336	-.414
340	636	.015	.109	.406	-.373	340	928	-.054	.117	.356	-.426	350	139	-.069	.118	.282	-.482
340	637	.030	.107	.345	-.313	340	929	-.066	.112	.269	-.497	350	140	-.072	.118	.478	-.575
340	638	.032	.108	.352	-.289	340	930	-.080	.121	.484	-.509	350	141	-.064	.122	.331	-.548
340	639	.026	.110	.455	-.314	340	931	-.030	.111	.308	-.381	350	142	-.107	.147	.515	-.660
340	640	.008	.122	.443	-.322	340	932	-.044	.104	.295	-.452	350	143	-.150	.177	.386	-.785
340	641	.012	.107	.408	-.345	340	933	-.066	.110	.269	-.459	350	144	-.154	.153	.313	-.058
340	642	.017	.109	.364	-.360	340	934	-.032	.120	.422	-.458	350	145	-.179	.177	.309	-.295
340	643	.027	.107	.375	-.342	340	935	-.057	.123	.340	-.433	350	146	-.010	.141	.488	-.528
340	644	.015	.108	.380	-.395	340	936	-.045	.116	.360	-.420	350	147	-.039	.142	.642	-.439
340	645	.013	.114	.398	-.472	340	937	-.051	.110	.309	-.424	350	148	-.061	.143	.709	-.378
340	646	.020	.119	.379	-.402	340	938	-.078	.106	.298	-.561	350	149	-.090	.153	.683	-.331
340	647	.023	.104	.359	-.334	340	939	-.089	.115	.353	-.502	350	150	-.105	.153	.621	-.511
340	648	.012	.105	.329	-.361	350	101	-.083	.118	.377	-.560	350	151	-.096	.165	.728	-.498
340	649	.027	.112	.413	-.382	350	102	-.068	.127	.359	-.473	350	152	-.044	.113	.350	-.402
340	650	.019	.107	.400	-.351	350	103	-.105	.135	.313	-.593	350	153	-.046	.091	.229	-.298
340	651	.015	.110	.423	-.344	350	104	-.191	.157	.277	-.847	350	154	-.043	.106	.284	-.393
340	801	-.032	.115	.446	-.375	350	105	-.011	.145	.691	-.527	350	155	-.054	.108	.296	-.494
340	802	-.031	.106	.279	-.408	350	106	-.089	.164	.751	-.425	350	156	-.059	.112	.315	-.483
340	803	-.035	.104	.293	-.421	350	107	-.146	.185	.877	-.500	350	157	-.069	.112	.302	-.432
340	804	-.053	.113	.339	-.444	350	108	-.080	.110	.262	-.543	350	158	-.081	.126	.465	-.575
340	805	-.003	.114	.436	-.478	350	109	-.072	.109	.314	-.465	350	159	-.102	.148	.392	-.726
340	806	-.020	.122	.535	-.403	350	110	-.114	.134	.343	-.607	350	160	-.208	.169	.323	-.776
340	807	-.011	.120	.385	-.509	350	111	-.203	.181	.509	-.847	350	161	-.206	.170	.557	-.977
340	901	-.079	.117	.368	-.461	350	112	-.066	.155	.678	-.421	350	162	-.080	.142	.503	-.589
340	902	-.049	.116	.354	-.423	350	113	-.180	.203	.841	-.695	350	163	-.032	.132	.627	-.531
340	903	-.074	.112	.364	-.495	350	114	-.041	.152	.607	-.411	350	164	-.034	.129	.575	-.338
340	904	-.031	.110	.347	-.451	350	115	-.080	.156	.554	-.625	350	165	-.065	.132	.589	-.348
340	905	-.077	.118	.318	-.435	350	116	-.032	.159	.687	-.527	350	166	-.070	.143	.566	-.359
340	906	-.023	.131	.428	-.537	350	117	-.070	.111	.324	-.465	350	167	-.076	.172	.684	-.797
340	907	-.046	.114	.340	-.440	350	118	-.062	.120	.314	-.508	350	168	-.047	.117	.353	-.441
340	908	-.036	.117	.376	-.411	350	119	-.063	.117	.398	-.500	350	169	-.045	.116	.349	-.468
340	909	-.074	.110	.304	-.396	350	120	-.074	.121	.352	-.503	350	170	-.041	.111	.318	-.507
340	910	-.097	.125	.321	-.574	350	121	-.085	.131	.346	-.542	350	171	-.056	.113	.350	-.448
340	911	-.028	.151	.493	-.516	350	122	-.080	.134	.409	-.565	350	172	-.057	.112	.306	-.660
340	912	-.103	.123	.357	-.514	350	123	-.120	.141	.368	-.635	350	173	-.064	.116	.306	-.477
340	913	-.017	.148	.585	-.591	350	124	-.148	.154	.314	-.776	350	174	-.091	.120	.285	-.542
340	914	-.043	.126	.403	-.444	350	125	-.037	.139	.484	-.486	350	175	-.116	.140	.415	-.748
340	915	-.050	.127	.413	-.523	350	126	-.013	.150	.586	-.475	350	176	-.172	.155	.355	-.879
340	916	-.044	.118	.337	-.422	350	127	-.005	.164	.609	-.478	350	177	-.160	.137	.330	-.643
340	917	-.078	.110	.339	-.500	350	128	-.119	.189	.016	-.479	350	178	-.099	.136	.350	-.343
340	918	-.066	.110	.326	-.430	350	129	-.121	.190	.845	-.456	350	179	-.041	.131	.479	-.533
340	919	-.030	.104	.324	-.364	350	130	-.118	.182	.874	-.581	350	180	-.001	.134	.535	-.441
340	920	-.070	.108	.308	-.457	350	131	-.029	.154	.722	-.447	350	181	-.023	.124	.441	-.397
340	921	-.090	.119	.312	-.517	350	132	-.108	.172	.743	-.526	350	182	-.035	.136	.509	-.602
340	922	-.105	.128	.346	-.669	350	133	-.105	.177	.791	-.475	350	183	-.020	.138	.435	-.531
340	923	-.010	.122	.463	-.475	350	134	-.050	.119	.353	-.474	350	184	-.042	.110	.341	-.424
340	924	-.044	.120	.376	-.430	350	135	-.049	.110	.408	-.393	350	185	-.040	.114	.344	-.426

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	186	.035	.110	.352	.447	350	236	.022	.106	.311	.342	350	317	.054	.115	.333	.456
350	187	.041	.113	.282	.436	350	237	.026	.109	.387	.414	350	318	.053	.116	.326	.492
350	188	.046	.117	.347	.439	350	238	.025	.119	.334	.409	350	319	.050	.108	.297	.428
350	189	.057	.117	.294	.534	350	239	.020	.115	.425	.400	350	320	.047	.116	.302	.479
350	190	.085	.120	.262	.574	350	240	.043	.114	.313	.591	350	321	.048	.112	.304	.417
350	191	.103	.129	.321	.604	350	241	.039	.109	.348	.391	350	322	.048	.121	.350	.440
350	192	.128	.138	.287	.866	350	242	.024	.113	.320	.469	350	323	.047	.116	.375	.398
350	193	.153	.145	.265	.772	350	243	.019	.111	.325	.388	350	324	.049	.118	.350	.473
350	194	.081	.121	.288	.468	350	244	.006	.118	.372	.378	350	325	.053	.111	.323	.417
350	195	.050	.108	.356	.392	350	245	.006	.115	.411	.344	350	326	.050	.109	.338	.392
350	196	.013	.117	.359	.463	350	246	.001	.122	.434	.412	350	327	.054	.105	.272	.430
350	197	.001	.120	.435	.426	350	247	.006	.119	.469	.376	350	328	.056	.112	.301	.431
350	198	.002	.137	.471	.530	350	248	.037	.109	.293	.411	350	329	.057	.108	.371	.486
350	199	.007	.133	.465	.501	350	249	.039	.122	.384	.454	350	330	.051	.103	.282	.461
350	200	.033	.117	.359	.439	350	250	.038	.112	.290	.473	350	331	.045	.109	.266	.470
350	201	.034	.111	.358	.423	350	251	.006	.120	.430	.448	350	332	.044	.114	.364	.427
350	202	.028	.111	.387	.388	350	252	.011	.114	.371	.429	350	333	.052	.108	.340	.371
350	203	.033	.105	.292	.382	350	253	.026	.101	.340	.347	350	334	.049	.109	.318	.474
350	204	.039	.112	.329	.402	350	254	.022	.105	.355	.451	350	335	.036	.109	.387	.368
350	205	.050	.107	.390	.391	350	255	.034	.110	.322	.392	350	336	.040	.106	.312	.377
350	206	.062	.109	.275	.411	350	256	.019	.118	.405	.349	350	337	.038	.115	.387	.501
350	207	.073	.124	.313	.546	350	257	.008	.109	.430	.462	350	338	.040	.117	.362	.433
350	208	.099	.129	.334	.564	350	258	.009	.102	.366	.330	350	339	.039	.114	.377	.402
350	209	.107	.121	.323	.575	350	259	.013	.112	.411	.401	350	340	.030	.109	.307	.506
350	210	.063	.112	.286	.387	350	260	.017	.110	.444	.383	350	341	.034	.110	.384	.427
350	211	.042	.112	.359	.433	350	261	.020	.111	.350	.369	350	342	.032	.105	.334	.394
350	212	.018	.113	.360	.406	350	262	.018	.098	.407	.352	350	343	.031	.110	.316	.473
350	213	.008	.118	.522	.336	350	263	.008	.110	.359	.336	350	344	.032	.106	.349	.417
350	214	.011	.128	.411	.487	350	264	.006	.105	.332	.362	350	345	.027	.109	.426	.363
350	215	.009	.125	.437	.388	350	265	.000	.109	.365	.392	350	346	.025	.115	.381	.430
350	216	.027	.110	.305	.503	350	266	.009	.111	.389	.390	350	347	.023	.111	.318	.378
350	217	.031	.113	.404	.439	350	267	.006	.108	.371	.471	350	348	.024	.115	.423	.436
350	218	.025	.106	.335	.393	350	268	.017	.120	.415	.418	350	349	.023	.114	.485	.436
350	219	.023	.110	.289	.408	350	269	.018	.118	.392	.421	350	350	.019	.109	.294	.382
350	220	.029	.107	.344	.417	350	301	.093	.105	.200	.532	350	351	.023	.114	.347	.389
350	221	.033	.111	.423	.394	350	302	.089	.116	.333	.529	350	352	.028	.108	.355	.395
350	222	.041	.120	.365	.476	350	303	.091	.115	.248	.465	350	353	.027	.101	.339	.329
350	223	.048	.118	.326	.420	350	304	.070	.118	.283	.553	350	354	.020	.106	.366	.429
350	224	.069	.121	.343	.444	350	305	.098	.120	.286	.520	350	355	.023	.109	.325	.395
350	225	.071	.126	.519	.540	350	306	.095	.114	.277	.523	350	356	.023	.121	.404	.367
350	226	.048	.121	.344	.452	350	307	.069	.114	.301	.473	350	357	.018	.108	.423	.391
350	227	.028	.111	.348	.424	350	308	.064	.106	.311	.386	350	358	.019	.112	.382	.357
350	228	.000	.109	.389	.338	350	309	.066	.104	.215	.407	350	359	.019	.114	.366	.397
350	229	.004	.111	.366	.403	350	310	.069	.118	.363	.563	350	360	.021	.111	.405	.410
350	230	.002	.112	.357	.373	350	311	.066	.117	.348	.625	350	361	.026	.111	.370	.379
350	231	.009	.121	.407	.458	350	312	.069	.122	.330	.451	350	362	.024	.099	.319	.345
350	232	.025	.106	.347	.359	350	313	.071	.109	.268	.427	350	363	.021	.109	.367	.359
350	233	.023	.109	.287	.442	350	314	.059	.117	.354	.445	350	364	.020	.105	.352	.394
350	234	.016	.111	.343	.417	350	315	.049	.112	.378	.497	350	365	.016	.112	.388	.424
350	235	.018	.113	.359	.390	350	316	.046	.115	.321	.424	350	366	.015	.112	.333	.386

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
350	367	-.020	.105	.348	-.392	350	446	-.178	.127	.188	-.728	350	496	-.026	.118	.426	-.438
350	368	-.024	.114	.361	-.440	350	447	-.139	.135	.263	-.664	350	497	-.016	.116	.459	-.409
350	369	-.025	.114	.335	-.401	350	448	-.075	.130	.422	-.476	350	498	-.011	.108	.306	-.378
350	370	-.024	.106	.313	-.404	350	449	-.063	.120	.360	-.586	350	499	-.013	.115	.339	-.336
350	371	-.025	.112	.426	-.401	350	450	-.052	.119	.369	-.423	350	500	-.014	.112	.388	-.432
350	401	-.235	.157	.209	-.738	350	451	-.048	.120	.415	-.455	350	501	-.032	.115	.397	-.429
350	402	-.197	.154	.260	-.860	350	452	-.037	.110	.289	-.440	350	502	-.043	.129	.479	-.474
350	403	-.114	.131	.285	-.774	350	453	-.046	.116	.314	-.433	350	503	-.048	.118	.327	-.471
350	404	-.130	.125	.238	-.599	350	454	-.050	.113	.377	-.435	350	504	-.059	.113	.360	-.430
350	405	-.143	.142	.294	-.706	350	455	-.056	.117	.386	-.421	350	505	-.048	.108	.347	-.406
350	406	-.118	.125	.290	-.540	350	456	-.055	.130	.454	-.541	350	506	-.040	.102	.312	-.406
350	407	-.094	.117	.233	-.456	350	457	-.053	.120	.295	-.432	350	507	-.037	.101	.335	-.365
350	408	-.247	.172	.255	-.952	350	458	-.057	.112	.363	-.413	350	508	-.031	.111	.336	-.413
350	409	-.182	.167	.300	-.833	350	459	-.051	.106	.329	-.404	350	509	-.036	.126	.380	-.626
350	410	-.089	.121	.384	-.488	350	460	-.050	.101	.305	-.407	350	510	-.039	.116	.427	-.451
350	411	-.088	.122	.293	-.510	350	461	-.164	.131	.232	-.739	350	511	-.022	.116	.344	-.378
350	412	-.130	.118	.248	-.577	350	462	-.152	.138	.222	-.704	350	512	-.016	.105	.297	-.368
350	413	-.103	.123	.301	-.497	350	463	-.123	.161	.340	-.779	350	513	-.005	.114	.360	-.406
350	414	-.077	.119	.408	-.541	350	464	-.071	.130	.380	-.763	350	514	-.006	.112	.412	-.371
350	415	-.171	.164	.303	-.824	350	465	-.038	.121	.368	-.575	350	515	-.015	.114	.385	-.366
350	416	-.149	.143	.236	-.709	350	466	-.023	.105	.306	-.369	350	516	-.011	.111	.386	-.377
350	417	-.124	.127	.251	-.580	350	467	-.026	.116	.368	-.429	350	517	-.025	.113	.409	-.413
350	418	-.088	.121	.330	-.652	350	468	-.025	.114	.428	-.401	350	518	-.033	.120	.321	-.492
350	419	-.068	.115	.322	-.706	350	469	-.050	.116	.369	-.432	350	519	-.054	.124	.348	-.476
350	420	-.058	.114	.362	-.482	350	470	-.055	.110	.331	-.418	350	520	-.046	.109	.293	-.494
350	421	-.051	.124	.361	-.642	350	471	-.065	.118	.345	-.447	350	521	-.039	.110	.391	-.401
350	422	-.064	.133	.417	-.624	350	472	-.055	.124	.318	-.504	350	522	-.030	.110	.307	-.403
350	423	-.086	.123	.361	-.503	350	473	-.063	.128	.385	-.530	350	523	-.021	.112	.315	-.442
350	424	-.079	.119	.346	-.526	350	474	-.060	.111	.275	-.529	350	524	-.021	.118	.365	-.409
350	425	-.072	.120	.309	-.460	350	475	-.050	.112	.378	-.426	350	525	-.028	.105	.292	-.427
350	426	-.070	.110	.258	-.474	350	476	-.053	.113	.291	-.418	350	526	-.027	.108	.414	-.345
350	427	-.193	.171	.315	-1.124	350	477	-.106	.138	.317	-.600	350	527	-.021	.114	.307	-.383
350	428	-.208	.176	.230	-.908	350	478	-.114	.148	.323	-.735	350	528	-.013	.109	.347	-.349
350	429	-.154	.158	.306	-.774	350	479	-.071	.136	.325	-.759	350	529	-.004	.109	.351	-.336
350	430	-.134	.145	.298	-.767	350	480	-.044	.117	.411	-.504	350	530	-.006	.120	.488	-.363
350	431	-.083	.134	.313	-.518	350	481	-.023	.120	.325	-.387	350	531	-.000	.100	.335	-.419
350	432	-.076	.128	.399	-.505	350	482	-.017	.114	.369	-.409	350	532	-.005	.111	.297	-.349
350	433	-.059	.107	.286	-.458	350	483	-.021	.114	.340	-.384	350	533	-.015	.109	.309	-.415
350	434	-.044	.107	.354	-.378	350	484	-.020	.122	.475	-.357	350	534	-.025	.120	.333	-.432
350	435	-.050	.117	.318	-.499	350	485	-.033	.102	.306	-.449	350	535	-.035	.114	.348	-.401
350	436	-.050	.113	.306	-.405	350	486	-.047	.113	.269	-.401	350	536	-.038	.109	.421	-.397
350	437	-.051	.112	.330	-.425	350	487	-.056	.112	.288	-.449	350	537	-.026	.107	.321	-.381
350	438	-.058	.123	.461	-.428	350	488	-.053	.121	.325	-.458	350	538	-.014	.104	.383	-.366
350	439	-.047	.101	.297	-.410	350	489	-.056	.119	.351	-.484	350	539	-.015	.115	.382	-.398
350	440	-.055	.113	.254	-.395	350	490	-.051	.113	.437	-.449	350	540	-.012	.121	.515	-.447
350	441	-.055	.112	.304	-.512	350	491	-.042	.110	.306	-.537	350	541	-.011	.112	.351	-.486
350	442	-.047	.118	.301	-.440	350	492	-.039	.106	.374	-.423	350	542	-.018	.112	.361	-.363
350	443	-.045	.112	.324	-.389	350	493	-.076	.133	.338	-.652	350	543	-.024	.101	.329	-.354
350	444	-.044	.108	.406	-.378	350	494	-.064	.143	.461	-.596	350	544	-.030	.105	.311	-.367
350	445	-.174	.151	.220	-.875	350	495	-.045	.128	.353	-.672	350	545	-.030	.104	.339	-.359

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	546	-.021	.112	.363	-.383	350	622	.036	.148	.485	-.646	350	902	-.037	.112	.469	-.529
350	547	-.022	.111	.354	-.430	350	623	.030	.124	.461	-.461	350	903	-.066	.110	.259	-.506
350	548	-.016	.105	.354	-.352	350	624	-.015	.127	.521	-.473	350	904	-.051	.129	.362	-.469
350	549	-.010	.100	.317	-.317	350	625	-.056	.116	.342	-.466	350	905	-.086	.122	.386	-.599
350	550	-.015	.077	.222	-.361	350	626	.018	.130	.471	-.479	350	906	.009	.129	.610	-.396
350	551	-.014	.109	.347	-.357	350	627	.031	.126	.498	-.688	350	907	-.041	.113	.346	-.402
350	552	.003	.103	.472	-.378	350	628	-.019	.116	.461	-.354	350	908	-.025	.107	.327	-.358
350	553	-.000	.101	.295	-.327	350	629	-.013	.126	.480	-.535	350	909	-.067	.109	.349	-.471
350	554	.005	.111	.350	-.384	350	630	-.036	.119	.384	-.535	350	910	-.104	.117	.279	-.601
350	555	-.001	.104	.399	-.327	350	631	.011	.122	.458	-.407	350	911	-.070	.141	.528	-.366
350	556	.001	.097	.358	-.298	350	632	.003	.117	.415	-.432	350	912	-.097	.122	.297	-.486
350	557	.006	.103	.348	-.385	350	633	.011	.105	.409	-.306	350	913	.060	.169	.835	-.409
350	558	.002	.107	.344	-.350	350	634	-.017	.102	.319	-.347	350	914	-.022	.139	.601	-.485
350	559	.006	.115	.393	-.334	350	635	.027	.112	.330	-.460	350	915	-.019	.137	.463	-.498
350	560	-.019	.105	.444	-.380	350	636	-.005	.124	.420	-.401	350	916	-.038	.114	.371	-.424
350	561	-.020	.109	.363	-.352	350	637	.001	.118	.434	-.649	350	917	-.071	.103	.258	-.424
350	562	-.012	.111	.351	-.370	350	638	.003	.113	.372	-.378	350	918	-.052	.112	.279	-.472
350	601	.057	.201	.757	-.672	350	639	-.013	.104	.301	-.390	350	919	-.027	.121	.383	-.399
350	602	-.022	.142	.585	-.679	350	640	-.013	.115	.358	-.410	350	920	-.053	.108	.341	-.468
350	603	-.042	.117	.390	-.440	350	641	-.006	.117	.425	-.575	350	921	-.058	.120	.435	-.428
350	604	.003	.132	.464	-.603	350	642	-.010	.113	.336	-.446	350	922	-.088	.125	.328	-.557
350	605	-.002	.182	.669	-.814	350	643	-.005	.105	.337	-.366	350	923	-.003	.141	.473	-.552
350	606	.024	.151	.509	-.782	350	644	-.012	.115	.369	-.395	350	924	-.015	.110	.409	-.409
350	607	-.059	.127	.340	-.572	350	645	-.011	.120	.352	-.490	350	925	-.013	.111	.392	-.359
350	608	-.078	.159	.515	-.665	350	646	.001	.112	.436	-.383	350	926	-.006	.097	.311	-.345
350	609	.056	.146	.558	-.560	350	647	-.003	.103	.334	-.405	350	927	-.010	.108	.358	-.343
350	610	-.083	.134	.459	-.530	350	648	-.008	.110	.350	-.489	350	928	-.014	.107	.440	-.447
350	611	.093	.187	.751	-.669	350	649	.013	.111	.466	-.335	350	929	-.012	.114	.411	-.402
350	612	.066	.148	.631	-.427	350	650	-.011	.107	.370	-.365	350	930	-.018	.120	.400	-.451
350	613	.044	.137	.561	-.368	350	651	-.011	.104	.321	-.371	350	931	.004	.105	.368	-.358
350	614	.019	.140	.635	-.474	350	801	-.016	.103	.367	-.330	350	932	-.010	.117	.376	-.450
350	615	.036	.127	.487	-.590	350	802	-.016	.112	.361	-.383	350	933	-.030	.115	.351	-.381
350	616	.083	.183	.746	-.598	350	803	.020	.111	.348	-.428	350	934	-.005	.112	.337	-.419
350	617	.072	.158	.634	-.781	350	804	.023	.111	.365	-.392	350	935	-.024	.118	.447	-.443
350	618	.046	.129	.511	-.473	350	805	.006	.113	.385	-.382	350	936	-.009	.115	.369	-.455
350	619	.007	.117	.450	-.451	350	806	.003	.115	.403	-.376	350	937	-.050	.119	.348	-.537
350	620	.061	.127	.352	-.595	350	807	.002	.119	.413	-.414	350	938	-.062	.111	.265	-.458
350	621	.041	.161	.803	-.552	350	901	-.075	.109	.265	-.450	350	939	-.081	.113	.297	-.431

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	101	.019	.111	.355	.365	10	151	.069	.135	.625	.365	10	201	.011	.116	.342	.394
10	102	.011	.116	.406	.422	10	152	.020	.102	.314	.376	10	202	.009	.112	.345	.356
10	103	.033	.122	.436	.363	10	153	.004	.085	.314	.268	10	203	.007	.109	.462	.315
10	104	.002	.146	.550	.545	10	154	.016	.104	.428	.385	10	204	.020	.117	.399	.377
10	105	.095	.135	.796	.298	10	155	.015	.114	.411	.321	10	205	.016	.118	.549	.389
10	106	.110	.143	.835	.357	10	156	.027	.116	.452	.367	10	206	.017	.115	.477	.415
10	107	.136	.161	.822	.360	10	157	.030	.116	.477	.301	10	207	.015	.112	.371	.337
10	108	.040	.123	.347	.516	10	158	.049	.134	.576	.378	10	208	.011	.099	.357	.319
10	109	.015	.111	.402	.349	10	159	.049	.129	.516	.469	10	209	.007	.119	.409	.421
10	110	.006	.122	.519	.326	10	160	.036	.137	.579	.473	10	210	.023	.107	.393	.318
10	111	.006	.128	.487	.490	10	161	.004	.133	.516	.583	10	211	.015	.109	.384	.350
10	112	.129	.152	.666	.311	10	162	.049	.122	.491	.370	10	212	.031	.120	.446	.346
10	113	.078	.159	.869	.343	10	163	.065	.130	.467	.358	10	213	.019	.119	.387	.434
10	114	.009	.138	.563	.480	10	164	.087	.131	.623	.274	10	214	.011	.111	.422	.309
10	115	.033	.131	.497	.379	10	165	.088	.131	.591	.357	10	215	.000	.109	.337	.394
10	116	.010	.151	.640	.454	10	166	.077	.150	.665	.334	10	216	.018	.106	.304	.408
10	117	.021	.117	.387	.438	10	167	.035	.131	.482	.364	10	217	.009	.112	.387	.372
10	118	.003	.125	.415	.432	10	168	.024	.107	.411	.336	10	218	.013	.114	.400	.374
10	119	.013	.122	.387	.367	10	169	.009	.107	.351	.390	10	219	.012	.119	.393	.353
10	120	.007	.116	.383	.359	10	170	.011	.106	.384	.360	10	220	.017	.112	.427	.390
10	121	.036	.119	.513	.344	10	171	.009	.111	.416	.310	10	221	.023	.106	.409	.362
10	122	.040	.118	.575	.323	10	172	.027	.116	.428	.361	10	222	.013	.108	.387	.343
10	123	.032	.123	.522	.320	10	173	.032	.124	.431	.324	10	223	.012	.109	.348	.454
10	124	.025	.132	.549	.361	10	174	.029	.121	.432	.401	10	224	.005	.108	.372	.362
10	125	.085	.150	.649	.354	10	175	.045	.116	.441	.373	10	225	.012	.112	.334	.337
10	126	.097	.145	.675	.377	10	176	.018	.121	.429	.476	10	226	.013	.115	.372	.451
10	127	.085	.158	.890	.379	10	177	.007	.121	.458	.490	10	227	.012	.109	.372	.366
10	128	.018	.149	.721	.438	10	178	.032	.120	.510	.379	10	228	.015	.109	.384	.309
10	129	.029	.138	.719	.349	10	179	.069	.128	.545	.324	10	229	.009	.121	.412	.436
10	130	.043	.147	.630	.411	10	180	.058	.121	.509	.363	10	230	.005	.110	.400	.423
10	131	.009	.159	.682	.539	10	181	.063	.124	.512	.319	10	231	.009	.105	.419	.372
10	132	.013	.142	.640	.473	10	182	.040	.118	.527	.312	10	232	.011	.110	.338	.390
10	133	.030	.147	.729	.363	10	183	.026	.132	.545	.454	10	233	.005	.116	.496	.392
10	134	.020	.115	.396	.410	10	184	.021	.111	.347	.416	10	234	.019	.109	.382	.331
10	135	.014	.115	.347	.407	10	185	.014	.107	.393	.388	10	235	.020	.112	.434	.329
10	136	.006	.106	.368	.362	10	186	.006	.114	.453	.401	10	236	.025	.110	.422	.361
10	137	.010	.123	.369	.406	10	187	.008	.118	.510	.381	10	237	.032	.121	.453	.368
10	138	.028	.118	.412	.349	10	188	.021	.112	.408	.354	10	238	.027	.115	.444	.343
10	139	.023	.109	.418	.326	10	189	.020	.114	.393	.367	10	239	.017	.109	.428	.390
10	140	.031	.119	.402	.378	10	190	.022	.114	.426	.393	10	240	.009	.114	.419	.356
10	141	.049	.126	.480	.315	10	191	.031	.123	.471	.410	10	241	.003	.112	.351	.341
10	142	.050	.129	.499	.407	10	192	.016	.119	.432	.385	10	242	.005	.109	.351	.368
10	143	.046	.132	.560	.451	10	193	.005	.115	.435	.445	10	243	.000	.111	.356	.334
10	144	.005	.126	.474	.440	10	194	.030	.121	.480	.316	10	244	.004	.106	.338	.352
10	145	.008	.136	.588	.442	10	195	.037	.119	.437	.331	10	245	.001	.104	.399	.346
10	146	.075	.133	.584	.354	10	196	.033	.120	.582	.382	10	246	.006	.117	.391	.319
10	147	.080	.130	.641	.316	10	197	.033	.117	.482	.304	10	247	.013	.118	.332	.377
10	148	.093	.144	.654	.304	10	198	.022	.115	.516	.342	10	248	.002	.109	.394	.360
10	149	.089	.144	.716	.303	10	199	.008	.115	.491	.342	10	249	.001	.106	.380	.303
10	150	.078	.135	.675	.356	10	200	.021	.116	.362	.508	10	250	.000	.116	.394	.490

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	251	.004	.107	.331	-.409	10	332	-.035	.102	.255	-.420	10	411	-.049	.114	.350	-.463
10	252	.004	.106	.325	-.331	10	333	-.039	.111	.321	-.393	10	412	-.048	.111	.288	-.469
10	253	.002	.104	.319	-.341	10	334	-.031	.105	.331	-.398	10	413	-.043	.108	.344	-.431
10	254	.013	.104	.406	-.334	10	335	-.029	.107	.315	-.573	10	414	-.038	.107	.324	-.410
10	255	.004	.103	.351	-.367	10	336	-.022	.115	.349	-.440	10	415	-.051	.118	.344	-.441
10	256	.015	.115	.403	-.380	10	337	-.033	.123	.367	-.491	10	416	-.048	.120	.348	-.459
10	257	.005	.110	.406	-.389	10	338	-.039	.108	.415	-.406	10	417	-.040	.103	.314	-.403
10	258	-.003	.099	.303	-.373	10	339	-.029	.105	.328	-.343	10	418	-.036	.108	.307	-.474
10	259	-.009	.118	.349	-.376	10	340	-.020	.105	.319	-.400	10	419	-.042	.117	.334	-.583
10	260	.012	.114	.338	-.365	10	341	-.020	.112	.380	-.391	10	420	-.033	.113	.324	-.766
10	261	.009	.110	.395	-.346	10	342	-.028	.115	.346	-.476	10	421	-.029	.116	.354	-.434
10	262	.013	.119	.375	-.375	10	343	-.032	.123	.352	-.526	10	422	-.030	.112	.347	-.421
10	263	.019	.108	.359	-.310	10	344	-.024	.114	.372	-.429	10	423	-.030	.115	.366	-.486
10	264	.019	.123	.416	-.392	10	345	-.012	.107	.364	-.397	10	424	-.025	.109	.405	-.445
10	265	.012	.119	.375	-.435	10	346	-.010	.108	.367	-.359	10	425	-.026	.113	.314	-.544
10	266	.017	.105	.446	-.395	10	347	-.011	.108	.303	-.469	10	426	-.026	.109	.372	-.367
10	267	.014	.112	.472	-.365	10	348	-.014	.110	.371	-.376	10	427	-.070	.117	.301	-.566
10	268	-.008	.104	.307	-.310	10	349	-.018	.116	.336	-.359	10	428	-.073	.125	.404	-.502
10	269	-.010	.110	.351	-.395	10	350	-.001	.115	.411	-.459	10	429	-.060	.120	.347	-.506
10	301	-.062	.106	.302	-.465	10	351	.005	.106	.394	-.380	10	430	-.051	.109	.312	-.459
10	302	-.082	.125	.349	-.572	10	352	.004	.106	.310	-.328	10	431	-.045	.112	.302	-.412
10	303	-.088	.126	.277	-.556	10	353	.000	.104	.313	-.336	10	432	-.049	.120	.338	-.467
10	304	-.068	.128	.253	-.597	10	354	.004	.107	.404	-.419	10	433	-.039	.114	.374	-.443
10	305	-.077	.119	.338	-.548	10	355	-.013	.105	.313	-.456	10	434	-.034	.111	.384	-.397
10	306	-.072	.126	.403	-.528	10	356	-.005	.117	.380	-.405	10	435	-.035	.112	.331	-.390
10	307	-.049	.124	.401	-.490	10	357	-.009	.114	.426	-.397	10	436	-.030	.113	.365	-.384
10	308	-.049	.121	.331	-.467	10	358	-.006	.111	.367	-.440	10	437	-.031	.103	.345	-.380
10	309	-.054	.098	.288	-.357	10	359	.001	.117	.388	-.394	10	438	-.033	.112	.360	-.406
10	310	-.055	.130	.333	-.493	10	360	.006	.116	.345	-.362	10	439	-.022	.102	.371	-.387
10	311	-.055	.123	.417	-.463	10	361	.003	.111	.398	-.347	10	440	-.024	.105	.310	-.346
10	312	-.052	.113	.320	-.456	10	362	.005	.117	.369	-.405	10	441	-.025	.106	.272	-.384
10	313	-.047	.111	.331	-.373	10	363	.004	.106	.279	-.343	10	442	-.021	.100	.285	-.402
10	314	-.050	.113	.319	-.500	10	364	.006	.123	.391	-.425	10	443	-.020	.106	.341	-.402
10	315	-.028	.117	.380	-.422	10	365	.010	.119	.375	-.470	10	444	-.020	.113	.345	-.399
10	316	-.036	.113	.360	-.434	10	366	.014	.108	.474	-.390	10	445	-.068	.101	.264	-.417
10	317	-.037	.111	.366	-.427	10	367	.015	.114	.536	-.364	10	446	-.069	.094	.227	-.334
10	318	-.042	.118	.364	-.405	10	368	.012	.102	.313	-.295	10	447	-.053	.105	.235	-.447
10	319	-.056	.111	.272	-.431	10	369	.016	.109	.360	-.386	10	448	-.046	.111	.312	-.509
10	320	-.034	.114	.322	-.447	10	370	.007	.106	.331	-.377	10	449	-.037	.116	.330	-.381
10	321	-.032	.112	.330	-.389	10	371	.015	.109	.430	-.337	10	450	-.035	.114	.346	-.531
10	322	-.042	.112	.331	-.437	10	401	-.090	.125	.248	-.642	10	451	-.033	.111	.349	-.394
10	323	-.032	.108	.393	-.362	10	402	-.089	.120	.248	-.594	10	452	-.025	.109	.364	-.359
10	324	-.036	.117	.353	-.484	10	403	-.059	.124	.307	-.546	10	453	-.026	.110	.301	-.480
10	325	-.032	.118	.311	-.414	10	404	-.055	.119	.381	-.421	10	454	-.028	.104	.405	-.385
10	326	-.031	.111	.314	-.390	10	405	-.054	.111	.313	-.452	10	455	-.031	.112	.333	-.449
10	327	-.042	.109	.414	-.396	10	406	-.047	.112	.296	-.425	10	456	-.025	.107	.364	-.375
10	328	-.040	.117	.353	-.413	10	407	-.046	.108	.298	-.438	10	457	-.024	.110	.353	-.427
10	329	-.033	.117	.387	-.469	10	408	-.098	.133	.283	-.766	10	458	-.017	.108	.370	-.357
10	330	-.037	.117	.308	-.645	10	409	-.081	.137	.354	-.658	10	459	-.021	.105	.329	-.413
10	331	-.030	.107	.309	-.381	10	410	-.052	.125	.386	-.477	10	460	-.016	.103	.317	-.442

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	461	-.056	.104	.310	-.435	10	511	-.027	.105	.356	-.400	10	561	-.010	.109	.351	-.434
10	462	-.058	.124	.361	-.438	10	512	-.018	.106	.330	-.387	10	562	-.013	.115	.364	-.419
10	463	-.053	.119	.361	-.445	10	513	-.018	.108	.395	-.444	10	601	-.142	.156	.427	-.774
10	464	-.049	.107	.283	-.405	10	514	-.012	.116	.388	-.413	10	602	-.081	.137	.387	-.596
10	465	-.039	.105	.302	-.430	10	515	-.008	.113	.359	-.470	10	603	-.097	.138	.340	-.689
10	466	-.030	.108	.314	-.388	10	516	-.008	.112	.333	-.398	10	604	-.059	.136	.384	-.868
10	467	-.028	.109	.381	-.416	10	517	-.011	.107	.330	-.331	10	605	-.129	.180	.398	-1.033
10	468	-.025	.116	.362	-.439	10	518	-.008	.106	.323	-.346	10	606	-.095	.152	.358	-.822
10	469	-.023	.113	.329	-.452	10	519	-.014	.104	.336	-.393	10	607	-.082	.126	.476	-.530
10	470	-.027	.110	.308	-.400	10	520	-.016	.113	.447	-.366	10	608	-.066	.122	.416	-.495
10	471	-.025	.108	.334	-.359	10	521	-.014	.117	.383	-.432	10	609	-.058	.116	.321	-.569
10	472	-.022	.109	.324	-.379	10	522	-.018	.109	.376	-.400	10	610	-.049	.113	.344	-.465
10	473	-.021	.105	.337	-.383	10	523	-.015	.107	.308	-.385	10	611	-.109	.163	.383	-.821
10	474	-.022	.114	.440	-.360	10	524	-.016	.116	.365	-.425	10	612	-.054	.140	.410	-.584
10	475	-.020	.116	.356	-.423	10	525	-.027	.109	.350	-.438	10	613	-.049	.138	.481	-.651
10	476	-.026	.110	.396	-.391	10	526	-.023	.112	.405	-.400	10	614	-.042	.120	.340	-.505
10	477	-.051	.113	.310	-.392	10	527	-.022	.111	.301	-.390	10	615	-.059	.123	.417	-.507
10	478	-.060	.127	.333	-.575	10	528	-.021	.114	.366	-.421	10	616	-.120	.160	.488	-1.006
10	479	-.045	.117	.353	-.470	10	529	-.014	.103	.323	-.395	10	617	-.097	.159	.509	-.794
10	480	-.037	.113	.400	-.391	10	530	-.010	.111	.365	-.387	10	618	-.058	.121	.366	-.531
10	481	-.033	.114	.371	-.414	10	531	-.003	.104	.411	-.364	10	619	-.045	.120	.375	-.489
10	482	-.027	.114	.367	-.446	10	532	-.005	.107	.346	-.379	10	620	-.044	.119	.307	-.514
10	483	-.022	.105	.348	-.386	10	533	-.013	.106	.308	-.357	10	621	-.095	.135	.296	-.705
10	484	-.021	.112	.368	-.416	10	534	-.014	.103	.311	-.369	10	622	-.080	.131	.295	-.605
10	485	-.018	.104	.405	-.370	10	535	-.015	.112	.352	-.385	10	623	-.059	.124	.355	-.651
10	486	-.021	.108	.324	-.388	10	536	-.015	.117	.399	-.535	10	624	-.053	.115	.315	-.446
10	487	-.023	.105	.311	-.362	10	537	-.013	.103	.314	-.363	10	625	-.055	.117	.340	-.579
10	488	-.023	.104	.280	-.376	10	538	-.015	.113	.362	-.392	10	626	-.077	.124	.267	-.636
10	489	-.021	.109	.375	-.354	10	539	-.007	.113	.342	-.465	10	627	-.069	.123	.403	-.804
10	490	-.018	.116	.400	-.455	10	540	-.011	.115	.355	-.390	10	628	-.056	.124	.305	-.543
10	491	-.021	.104	.318	-.366	10	541	-.002	.116	.312	-.390	10	629	-.040	.111	.330	-.457
10	492	-.022	.111	.340	-.376	10	542	-.010	.110	.339	-.381	10	630	-.047	.114	.337	-.542
10	493	-.040	.115	.305	-.500	10	543	-.007	.116	.348	-.393	10	631	-.064	.121	.367	-.776
10	494	-.040	.115	.323	-.499	10	544	-.012	.117	.423	-.438	10	632	-.066	.116	.320	-.527
10	495	-.031	.116	.311	-.387	10	545	-.011	.116	.375	-.403	10	633	-.036	.108	.317	-.489
10	496	-.033	.114	.360	-.499	10	546	-.015	.107	.332	-.372	10	634	-.035	.102	.354	-.462
10	497	-.031	.111	.343	-.360	10	547	-.023	.128	.358	-.473	10	635	-.032	.118	.363	-.423
10	498	-.022	.110	.370	-.350	10	548	-.024	.114	.380	-.472	10	636	-.033	.114	.331	-.456
10	499	-.015	.109	.329	-.513	10	549	-.020	.092	.276	-.352	10	637	-.049	.110	.330	-.450
10	500	-.014	.104	.432	-.333	10	550	-.022	.081	.271	-.267	10	638	-.030	.107	.324	-.485
10	501	-.019	.113	.324	-.424	10	551	-.024	.098	.328	-.345	10	639	-.023	.106	.335	-.386
10	502	-.018	.108	.359	-.395	10	552	-.014	.108	.387	-.363	10	640	-.025	.108	.368	-.444
10	503	-.020	.113	.382	-.419	10	553	-.016	.109	.360	-.460	10	641	-.036	.118	.390	-.450
10	504	-.015	.107	.369	-.354	10	554	-.010	.103	.344	-.399	10	642	-.028	.114	.385	-.500
10	505	-.017	.105	.323	-.416	10	555	-.011	.106	.304	-.338	10	643	-.023	.108	.311	-.384
10	506	-.011	.104	.321	-.429	10	556	-.009	.101	.328	-.329	10	644	-.019	.107	.322	-.354
10	507	-.017	.098	.343	-.366	10	557	-.004	.102	.374	-.372	10	645	-.019	.106	.315	-.397
10	508	-.016	.119	.404	-.385	10	558	-.010	.102	.319	-.405	10	646	-.027	.110	.357	-.365
10	509	-.024	.115	.342	-.429	10	559	-.004	.113	.364	-.409	10	647	-.018	.097	.299	-.369
10	510	-.030	.105	.343	-.399	10	560	-.008	.107	.398	-.384	10	648	-.021	.115	.289	-.409

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	649	-.016	.108	.331	-.371	20	102	.042	.117	.516	-.327	20	152	-.012	.107	.344	-.353
10	650	-.022	.120	.338	-.414	20	103	.086	.117	.496	-.427	20	153	.009	.086	.280	-.287
10	651	-.018	.118	.398	-.462	20	104	.074	.149	.675	-.563	20	154	.055	.101	.406	-.223
10	801	-.010	.118	.413	-.372	20	105	.165	.148	.775	-.296	20	155	.067	.120	.471	-.351
10	802	-.014	.107	.325	-.379	20	106	.186	.148	.918	-.270	20	156	.085	.112	.458	-.314
10	803	-.014	.124	.344	-.435	20	107	.165	.165	.881	-.329	20	157	.095	.118	.486	-.313
10	804	-.010	.117	.440	-.475	20	108	-.031	.118	.321	-.488	20	158	.102	.124	.498	-.270
10	805	-.011	.102	.334	-.356	20	109	.017	.114	.468	-.410	20	159	.116	.139	.619	-.285
10	806	-.023	.112	.482	-.349	20	110	.050	.123	.489	-.365	20	160	.094	.137	.588	-.347
10	807	-.012	.109	.390	-.392	20	111	.041	.131	.536	-.367	20	161	.094	.138	.557	-.335
10	901	-.036	.107	.399	-.389	20	112	.191	.159	.790	-.261	20	162	.118	.141	.703	-.261
10	902	-.030	.118	.369	-.393	20	113	.112	.151	.804	-.367	20	163	.181	.159	.784	-.269
10	903	-.045	.121	.351	-.589	20	114	.020	.144	.963	-.424	20	164	.130	.145	.750	-.251
10	904	-.047	.116	.319	-.428	20	115	.071	.142	.630	-.357	20	165	.161	.157	.737	-.331
10	905	-.032	.113	.331	-.400	20	116	.010	.146	.587	-.541	20	166	.115	.142	.592	-.309
10	906	-.011	.126	.375	-.396	20	117	-.007	.113	.419	-.423	20	167	.072	.140	.680	-.326
10	907	-.025	.113	.372	-.386	20	118	.017	.115	.407	-.464	20	168	-.026	.111	.319	-.375
10	908	-.026	.112	.378	-.373	20	119	.039	.111	.408	-.289	20	169	-.003	.106	.362	-.385
10	909	-.049	.112	.371	-.414	20	120	.058	.121	.492	-.325	20	170	.040	.109	.425	-.341
10	910	-.089	.125	.402	-.533	20	121	.082	.126	.505	-.332	20	171	.044	.113	.541	-.337
10	911	.058	.150	.724	-.401	20	122	.087	.114	.465	-.286	20	172	.055	.109	.409	-.273
10	912	-.057	.110	.320	-.482	20	123	.099	.129	.570	-.316	20	173	.076	.116	.499	-.369
10	913	-.005	.122	.591	-.421	20	124	.098	.133	.536	-.416	20	174	.080	.116	.492	-.351
10	914	-.025	.124	.510	-.379	20	125	.158	.152	.719	-.326	20	175	.094	.124	.641	-.254
10	915	-.033	.125	.361	-.435	20	126	.182	.168	.777	-.320	20	176	.079	.119	.558	-.382
10	916	-.023	.112	.337	-.369	20	127	.114	.160	.816	-.309	20	177	.081	.123	.581	-.297
10	917	-.040	.112	.379	-.429	20	128	.018	.173	.745	-.686	20	178	.095	.139	.656	-.357
10	918	-.040	.119	.421	-.434	20	129	.045	.132	.590	-.392	20	179	.112	.135	.569	-.331
10	919	-.032	.121	.382	-.423	20	130	.065	.133	.590	-.345	20	180	.118	.142	.631	-.291
10	920	-.038	.113	.388	-.413	20	131	-.031	.152	.610	-.505	20	181	.098	.139	.643	-.350
10	921	.011	.119	.423	-.448	20	132	.028	.140	.557	-.393	20	182	.069	.124	.702	-.316
10	922	-.046	.123	.320	-.504	20	133	.052	.129	.546	-.349	20	183	.030	.126	.445	-.399
10	923	-.045	.129	.392	-.555	20	134	-.015	.115	.414	-.441	20	184	.030	.111	.343	-.415
10	924	.015	.115	.341	-.365	20	135	.001	.114	.341	-.419	20	185	.006	.114	.381	-.446
10	925	.022	.111	.407	-.337	20	136	.021	.106	.420	-.347	20	186	.036	.109	.384	-.403
10	926	.033	.120	.441	-.382	20	137	.041	.115	.417	-.390	20	187	.037	.104	.381	-.306
10	927	.038	.112	.417	-.297	20	138	.078	.123	.528	-.334	20	188	.054	.115	.467	-.326
10	928	.038	.126	.417	-.395	20	139	.076	.118	.577	-.356	20	189	.068	.111	.390	-.320
10	929	.035	.123	.406	-.421	20	140	.094	.119	.541	-.356	20	190	.063	.123	.490	-.393
10	930	.037	.112	.482	-.390	20	141	.120	.116	.459	-.340	20	191	.064	.117	.474	-.329
10	931	.045	.114	.560	-.342	20	142	.115	.134	.673	-.304	20	192	.057	.123	.420	-.406
10	932	.032	.106	.399	-.285	20	143	.141	.132	.624	-.346	20	193	.048	.125	.457	-.388
10	933	.047	.110	.416	-.324	20	144	.081	.138	.556	-.389	20	194	.061	.128	.557	-.289
10	934	.039	.113	.410	-.340	20	145	.061	.132	.582	-.409	20	195	.069	.124	.570	-.379
10	935	.035	.112	.413	-.320	20	146	.125	.142	.778	-.408	20	196	.082	.129	.551	-.328
10	936	.033	.112	.385	-.404	20	147	.132	.147	.628	-.377	20	197	.052	.122	.524	-.357
10	937	-.044	.125	.300	-.493	20	148	.138	.156	.699	-.281	20	198	.037	.122	.443	-.319
10	938	.041	.112	.346	-.397	20	149	.129	.147	.694	-.312	20	199	.014	.118	.423	-.458
10	939	-.053	.123	.372	-.466	20	150	.141	.155	.823	-.338	20	200	-.022	.117	.412	-.413
20	101	-.005	.125	.437	-.373	20	151	.093	.145	.727	-.354	20	201	-.001	.119	.440	-.397

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	202	.039	.107	.390	-.310	20	252	.009	.109	.462	-.327	20	333	-.070	.118	.277	-.519
20	203	.042	.109	.387	-.309	20	253	.025	.105	.495	-.391	20	334	-.054	.109	.352	-.364
20	204	.049	.108	.435	-.268	20	254	.030	.110	.371	-.345	20	335	-.031	.113	.318	-.494
20	205	.048	.119	.482	-.359	20	255	.023	.114	.493	-.342	20	336	-.027	.114	.407	-.415
20	206	.048	.115	.464	-.368	20	256	.025	.111	.377	-.346	20	337	-.041	.123	.403	-.634
20	207	.050	.110	.409	-.278	20	257	.005	.104	.359	-.466	20	338	-.064	.123	.324	-.510
20	208	.039	.120	.552	-.323	20	258	.000	.109	.397	-.372	20	339	-.056	.116	.298	-.517
20	209	.044	.121	.523	-.307	20	259	.031	.113	.335	-.459	20	340	-.016	.109	.329	-.546
20	210	.037	.108	.395	-.274	20	260	.037	.114	.475	-.306	20	341	-.009	.114	.387	-.421
20	211	.050	.119	.493	-.291	20	261	.032	.107	.369	-.325	20	342	-.020	.104	.293	-.374
20	212	.039	.114	.431	-.329	20	262	.036	.119	.410	-.400	20	343	-.041	.117	.283	-.490
20	213	.036	.115	.518	-.358	20	263	.042	.106	.446	-.268	20	344	-.038	.120	.345	-.500
20	214	.010	.113	.342	-.396	20	264	.051	.116	.574	-.323	20	345	-.008	.104	.348	-.350
20	215	.011	.107	.367	-.403	20	265	.029	.119	.427	-.388	20	346	-.009	.104	.387	-.338
20	216	.011	.113	.347	-.436	20	266	.026	.104	.345	-.329	20	347	.003	.109	.349	-.372
20	217	.011	.114	.399	-.349	20	267	.016	.107	.358	-.359	20	348	-.009	.113	.357	-.402
20	218	.034	.101	.326	-.296	20	268	.022	.118	.398	-.545	20	349	-.020	.120	.427	-.436
20	219	.042	.110	.424	-.390	20	269	.023	.111	.444	-.431	20	350	.016	.113	.367	-.384
20	220	.032	.107	.389	-.343	20	301	-.085	.120	.297	-.492	20	351	.021	.118	.429	-.380
20	221	.057	.107	.479	-.248	20	302	-.097	.136	.325	-.656	20	352	.021	.110	.449	-.323
20	222	.040	.105	.416	-.304	20	303	-.123	.133	.313	-.789	20	353	.015	.107	.484	-.399
20	223	.040	.109	.393	-.416	20	304	-.099	.129	.339	-.724	20	354	-.023	.110	.357	-.339
20	224	.029	.115	.448	-.386	20	305	-.092	.120	.332	-.501	20	355	-.026	.117	.470	-.418
20	225	.027	.113	.421	-.377	20	306	-.074	.120	.339	-.488	20	356	-.016	.118	.394	-.496
20	226	.022	.117	.431	-.352	20	307	-.065	.127	.366	-.440	20	357	-.018	.107	.370	-.474
20	227	.014	.112	.364	-.370	20	308	-.060	.113	.329	-.482	20	358	-.007	.123	.424	-.465
20	228	.013	.104	.354	-.362	20	309	-.071	.098	.227	-.395	20	359	.009	.111	.361	-.371
20	229	.008	.115	.363	-.391	20	310	-.058	.123	.369	-.495	20	360	.022	.116	.418	-.339
20	230	.006	.112	.377	-.415	20	311	-.067	.122	.347	-.576	20	361	.025	.107	.380	-.330
20	231	.022	.110	.347	-.405	20	312	-.084	.120	.269	-.500	20	362	.025	.118	.385	-.409
20	232	.005	.104	.354	-.403	20	313	-.056	.118	.313	-.404	20	363	-.019	.109	.377	-.396
20	233	.011	.103	.377	-.323	20	314	-.063	.120	.395	-.524	20	364	.023	.111	.575	-.389
20	234	.046	.111	.422	-.307	20	315	-.032	.117	.385	-.430	20	365	.020	.119	.416	-.376
20	235	.064	.106	.395	-.293	20	316	-.042	.119	.411	-.463	20	366	.031	.104	.341	-.324
20	236	.072	.120	.493	-.359	20	317	-.054	.116	.312	-.534	20	367	.032	.109	.404	-.357
20	237	.067	.113	.432	-.357	20	318	-.072	.124	.312	-.539	20	368	.030	.118	.418	-.513
20	238	.063	.118	.505	-.400	20	319	-.072	.126	.328	-.474	20	369	.031	.108	.468	-.310
20	239	.055	.118	.461	-.348	20	320	-.046	.119	.331	-.487	20	370	.028	.116	.417	-.378
20	240	.021	.117	.389	-.300	20	321	-.039	.113	.364	-.373	20	371	.034	.118	.496	-.355
20	241	.011	.114	.399	-.405	20	322	-.057	.120	.314	-.424	20	401	-.102	.128	.293	-.559
20	242	.008	.112	.354	-.399	20	323	-.062	.119	.319	-.549	20	402	-.095	.130	.405	-.485
20	243	.009	.109	.374	-.368	20	324	-.062	.120	.364	-.409	20	403	-.068	.115	.290	-.450
20	244	.005	.109	.351	-.349	20	325	-.049	.124	.368	-.515	20	404	-.061	.118	.322	-.440
20	245	.005	.108	.332	-.415	20	326	-.046	.111	.282	-.386	20	405	-.052	.124	.342	-.447
20	246	.019	.113	.360	-.367	20	327	-.056	.113	.328	-.445	20	406	-.055	.111	.345	-.374
20	247	.028	.116	.376	-.450	20	328	-.064	.112	.289	-.499	20	407	-.057	.114	.341	-.488
20	248	.026	.116	.396	-.343	20	329	-.056	.118	.342	-.473	20	408	-.117	.136	.242	-.749
20	249	.026	.106	.367	-.338	20	330	-.046	.119	.293	-.558	20	409	-.089	.121	.286	-.578
20	250	.022	.111	.362	-.391	20	331	-.050	.111	.331	-.504	20	410	-.054	.127	.427	-.545
20	251	.011	.120	.381	-.387	20	332	-.055	.119	.401	-.631	20	411	-.057	.119	.443	-.528

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	412	-.061	.117	.336	-.427	20	462	-.050	.116	.287	-.495	20	512	-.044	.116	.382	-.438
20	413	-.036	.120	.363	-.478	20	463	-.031	.126	.446	-.486	20	513	-.038	.114	.330	-.432
20	414	-.050	.125	.333	-.542	20	464	-.055	.126	.336	-.555	20	514	-.018	.118	.509	-.461
20	415	-.042	.124	.447	-.440	20	465	-.047	.116	.370	-.457	20	515	-.018	.110	.409	-.356
20	416	-.034	.110	.269	-.441	20	466	-.039	.114	.391	-.399	20	516	-.013	.110	.342	-.372
20	417	-.042	.114	.359	-.504	20	467	-.038	.115	.404	-.401	20	517	-.019	.112	.397	-.374
20	418	-.048	.124	.312	-.703	20	468	-.027	.119	.444	-.461	20	518	-.024	.109	.387	-.368
20	419	-.046	.123	.367	-.950	20	469	-.033	.109	.351	-.364	20	519	-.030	.117	.336	-.445
20	420	-.045	.122	.400	-.488	20	470	-.032	.108	.314	-.395	20	520	-.032	.112	.317	-.460
20	421	-.033	.121	.383	-.451	20	471	-.034	.113	.385	-.387	20	521	-.027	.110	.315	-.384
20	422	-.047	.115	.303	-.702	20	472	-.031	.110	.373	-.430	20	522	-.024	.121	.470	-.439
20	423	-.042	.118	.362	-.471	20	473	-.026	.118	.349	-.429	20	523	-.017	.115	.321	-.416
20	424	-.032	.116	.326	-.435	20	474	-.034	.112	.317	-.430	20	524	-.022	.122	.431	-.457
20	425	-.034	.112	.350	-.400	20	475	-.032	.110	.327	-.398	20	525	-.039	.110	.378	-.400
20	426	-.036	.109	.373	-.400	20	476	-.034	.124	.484	-.447	20	526	-.045	.117	.328	-.441
20	427	-.038	.126	.336	-.496	20	477	-.061	.124	.315	-.716	20	527	-.033	.119	.409	-.677
20	428	-.069	.123	.339	-.572	20	478	-.054	.126	.357	-.444	20	528	-.028	.115	.384	-.506
20	429	-.050	.111	.279	-.431	20	479	-.053	.121	.395	-.525	20	529	-.014	.112	.374	-.372
20	430	-.042	.119	.495	-.411	20	480	-.059	.120	.330	-.458	20	530	-.014	.116	.439	-.350
20	431	-.038	.117	.311	-.453	20	481	-.042	.119	.395	-.550	20	531	-.005	.112	.369	-.471
20	432	-.040	.121	.397	-.463	20	482	-.036	.116	.431	-.444	20	532	-.010	.112	.359	-.464
20	433	-.042	.114	.320	-.444	20	483	-.024	.116	.366	-.377	20	533	-.010	.106	.339	-.410
20	434	-.043	.116	.353	-.434	20	484	-.026	.117	.417	-.364	20	534	-.019	.116	.365	-.429
20	435	-.034	.115	.394	-.440	20	485	-.019	.112	.364	-.463	20	535	-.024	.122	.339	-.394
20	436	-.032	.113	.368	-.430	20	486	-.032	.110	.372	-.484	20	536	-.019	.109	.353	-.441
20	437	-.035	.112	.347	-.380	20	487	-.030	.109	.333	-.408	20	537	-.018	.111	.429	-.419
20	438	-.042	.116	.373	-.373	20	488	-.029	.114	.348	-.398	20	538	-.022	.119	.366	-.403
20	439	-.026	.111	.323	-.440	20	489	-.026	.119	.343	-.373	20	539	-.019	.116	.390	-.433
20	440	-.032	.106	.333	-.438	20	490	-.021	.107	.323	-.381	20	540	-.014	.119	.381	-.463
20	441	-.022	.108	.326	-.401	20	491	-.024	.114	.401	-.503	20	541	-.021	.115	.323	-.398
20	442	-.022	.112	.328	-.382	20	492	-.028	.119	.380	-.436	20	542	-.017	.107	.338	-.427
20	443	-.023	.115	.333	-.388	20	493	-.051	.120	.361	-.464	20	543	-.014	.110	.358	-.412
20	444	-.018	.103	.344	-.393	20	494	-.057	.132	.360	-.535	20	544	-.021	.120	.402	-.370
20	445	-.044	.112	.327	-.389	20	495	-.055	.118	.324	-.514	20	545	-.023	.109	.331	-.386
20	446	-.049	.089	.228	-.319	20	496	-.044	.113	.346	-.435	20	546	-.024	.114	.386	-.450
20	447	-.038	.097	.308	-.401	20	497	-.040	.126	.419	-.444	20	547	-.039	.119	.364	-.396
20	448	-.042	.116	.349	-.489	20	498	-.025	.107	.309	-.368	20	548	-.038	.116	.303	-.458
20	449	-.045	.111	.324	-.398	20	499	-.019	.109	.324	-.387	20	549	-.039	.100	.257	-.339
20	450	-.034	.110	.336	-.413	20	500	-.014	.115	.365	-.396	20	550	-.032	.082	.239	-.260
20	451	-.035	.124	.447	-.414	20	501	-.025	.117	.369	-.485	20	551	-.035	.105	.355	-.365
20	452	-.026	.107	.317	-.383	20	502	-.030	.115	.328	-.407	20	552	-.030	.112	.441	-.429
20	453	-.034	.110	.351	-.398	20	503	-.024	.121	.404	-.391	20	553	-.022	.114	.343	-.438
20	454	-.030	.116	.348	-.389	20	504	-.030	.122	.371	-.460	20	554	-.022	.116	.322	-.375
20	455	-.038	.116	.364	-.457	20	505	-.023	.117	.350	-.450	20	555	-.010	.109	.464	-.327
20	456	-.033	.111	.330	-.395	20	506	-.023	.113	.366	-.412	20	556	-.017	.103	.441	-.432
20	457	-.019	.118	.397	-.367	20	507	-.025	.115	.323	-.379	20	557	-.007	.107	.339	-.357
20	458	-.026	.119	.363	-.473	20	508	-.023	.113	.304	-.406	20	558	-.015	.114	.455	-.399
20	459	-.020	.116	.358	-.384	20	509	-.056	.130	.470	-.504	20	559	-.009	.110	.358	-.441
20	460	-.025	.113	.355	-.405	20	510	-.052	.125	.330	-.528	20	560	-.017	.103	.364	-.482
20	461	-.060	.118	.308	-.509	20	511	-.049	.117	.368	-.476	20	561	-.020	.122	.409	-.476

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	562	-.023	.112	.338	-.352	20	650	-.035	.114	.339	-.445	30	103	.099	.129	.585	-.318
20	601	-.162	.151	.303	-.772	20	651	-.034	.117	.329	-.392	30	104	.122	.141	.738	-.307
20	602	-.151	.151	.318	-.661	20	801	-.026	.110	.484	-.402	30	105	.207	.164	.870	-.303
20	603	-.123	.135	.322	-.587	20	802	-.016	.111	.386	-.425	30	106	.232	.172	.851	-.268
20	604	-.120	.146	.296	-.812	20	803	-.019	.116	.384	-.362	30	107	.146	.150	.716	-.332
20	605	-.238	.215	.497	-1.236	20	804	-.012	.116	.342	-.439	30	108	-.036	.118	.355	-.365
20	606	-.169	.173	.296	-.816	20	805	-.047	.111	.299	-.465	30	109	.039	.114	.470	-.304
20	607	-.104	.124	.262	-.561	20	806	-.045	.121	.424	-.484	30	110	.076	.130	.571	-.264
20	608	-.057	.120	.329	-.498	20	807	-.020	.111	.396	-.411	30	111	.064	.131	.632	-.323
20	609	-.050	.118	.348	-.567	20	901	-.038	.118	.370	-.485	30	112	.188	.160	.810	-.341
20	610	-.036	.111	.374	-.416	20	902	-.043	.119	.417	-.456	30	113	.096	.140	.581	-.346
20	611	-.175	.188	.319	-1.125	20	903	-.055	.120	.368	-.507	30	114	.030	.150	.667	-.338
20	612	-.096	.148	.328	-.623	20	904	-.065	.124	.282	-.458	30	115	.079	.141	.626	-.386
20	613	-.097	.148	.389	-.789	20	905	-.027	.118	.437	-.422	30	116	-.011	.149	.741	-.474
20	614	-.070	.126	.292	-.511	20	906	-.041	.131	.517	-.363	30	117	-.006	.116	.356	-.375
20	615	-.068	.134	.486	-.569	20	907	-.039	.107	.283	-.392	30	118	.029	.116	.462	-.359
20	616	-.137	.159	.302	-.742	20	908	-.038	.119	.497	-.424	30	119	.064	.119	.507	-.311
20	617	-.140	.156	.338	-.960	20	909	-.056	.118	.328	-.458	30	120	.067	.122	.530	-.338
20	618	-.088	.144	.376	-.726	20	910	-.122	.130	.292	-.575	30	121	.115	.129	.599	-.252
20	619	-.056	.124	.348	-.475	20	911	-.111	.148	.715	-.306	30	122	.124	.127	.630	-.272
20	620	-.049	.118	.320	-.502	20	912	-.060	.125	.389	-.463	30	123	.130	.143	.604	-.290
20	621	-.116	.146	.353	-.806	20	913	-.014	.123	.527	-.420	30	124	.119	.134	.589	-.252
20	622	-.111	.145	.426	-.780	20	914	-.028	.123	.416	-.488	30	125	.198	.175	.842	-.327
20	623	-.080	.126	.304	-.590	20	915	-.050	.127	.426	-.478	30	126	.180	.159	.768	-.323
20	624	-.067	.140	.384	-.676	20	916	-.035	.115	.410	-.444	30	127	.129	.152	.691	-.487
20	625	-.060	.119	.320	-.522	20	917	-.052	.118	.349	-.454	30	128	-.005	.151	.507	-.452
20	626	-.115	.148	.266	-.782	20	918	-.055	.113	.354	-.579	30	129	.038	.136	.508	-.432
20	627	-.079	.128	.289	-.556	20	919	-.049	.124	.341	-.528	30	130	.071	.137	.682	-.380
20	628	-.087	.135	.323	-.737	20	920	-.043	.111	.354	-.469	30	131	-.037	.147	.559	-.640
20	629	-.076	.127	.330	-.618	20	921	-.048	.134	.488	-.452	30	132	.032	.119	.466	-.318
20	630	-.061	.125	.417	-.547	20	922	-.064	.122	.344	-.483	30	133	.064	.127	.487	-.321
20	631	-.083	.131	.341	-.617	20	923	-.097	.145	.447	-.633	30	134	-.018	.113	.475	-.368
20	632	-.085	.131	.349	-.660	20	924	.041	.115	.435	-.324	30	135	.008	.112	.412	-.359
20	633	-.077	.123	.321	-.460	20	925	.068	.110	.465	-.327	30	136	.037	.103	.410	-.282
20	634	-.060	.119	.320	-.532	20	926	.080	.120	.427	-.355	30	137	.054	.116	.436	-.298
20	635	-.058	.124	.285	-.569	20	927	.083	.110	.509	-.246	30	138	.089	.122	.558	-.427
20	636	-.071	.130	.385	-.554	20	928	.106	.121	.597	-.241	30	139	.108	.123	.540	-.335
20	637	-.075	.133	.310	-.596	20	929	.079	.126	.576	-.358	30	140	.124	.129	.571	-.271
20	638	-.070	.124	.372	-.609	20	930	.068	.113	.444	-.303	30	141	.139	.121	.628	-.262
20	639	-.058	.120	.359	-.466	20	931	.074	.113	.410	-.355	30	142	.165	.127	.559	-.203
20	640	-.065	.123	.421	-.521	20	932	.074	.127	.540	-.510	30	143	.164	.130	.890	-.249
20	641	-.052	.122	.426	-.511	20	933	.070	.106	.459	-.262	30	144	.100	.148	.583	-.422
20	642	-.054	.121	.346	-.650	20	934	.075	.124	.513	-.282	30	145	.107	.138	.659	-.424
20	643	-.049	.113	.317	-.473	20	935	.068	.121	.519	-.363	30	146	.161	.156	.811	-.376
20	644	-.050	.115	.323	-.411	20	936	.075	.110	.452	-.238	30	147	.173	.154	.814	-.241
20	645	-.039	.106	.359	-.398	20	937	-.068	.125	.337	-.535	30	148	.170	.143	.689	-.339
20	646	-.037	.122	.444	-.423	20	938	-.058	.120	.351	-.426	30	149	.177	.157	.756	-.288
20	647	-.057	.105	.290	-.426	20	939	-.051	.116	.362	-.484	30	150	.160	.145	.699	-.278
20	648	-.046	.115	.309	-.494	30	101	-.012	.120	.479	-.373	30	151	.127	.147	.678	-.235
20	649	-.042	.108	.346	-.386	30	102	.068	.121	.540	-.466	30	152	-.021	.116	.379	-.414

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	153	.011	.088	.280	-.265	30	203	.061	.111	.466	-.276	30	253	.055	.107	.484	-.332
30	154	.069	.101	.405	-.345	30	204	.080	.107	.472	-.390	30	254	.052	.109	.419	-.244
30	155	.080	.110	.419	-.272	30	205	.073	.105	.409	-.257	30	255	.050	.115	.447	-.407
30	156	.093	.125	.498	-.333	30	206	.070	.114	.453	-.364	30	256	.047	.114	.463	-.457
30	157	.121	.119	.540	-.242	30	207	.073	.116	.476	-.277	30	257	.018	.108	.387	-.349
30	158	.146	.128	.612	-.414	30	208	.057	.114	.410	-.320	30	258	-.002	.103	.352	-.393
30	159	.131	.115	.612	-.229	30	209	.055	.114	.532	-.349	30	259	-.034	.104	.294	-.401
30	160	.144	.142	.569	-.411	30	210	.048	.113	.448	-.303	30	260	.056	.118	.489	-.406
30	161	.141	.145	.717	-.327	30	211	.058	.122	.494	-.354	30	261	.067	.103	.454	-.247
30	162	.164	.146	.796	-.245	30	212	.055	.125	.502	-.341	30	262	.057	.103	.377	-.252
30	163	.171	.140	.695	-.317	30	213	.045	.120	.475	-.336	30	263	.067	.117	.516	-.337
30	164	.174	.136	.664	-.276	30	214	.019	.125	.436	-.436	30	264	.066	.115	.454	-.463
30	165	.175	.147	.736	-.312	30	215	-.008	.118	.420	-.482	30	265	.044	.122	.471	-.351
30	166	.169	.161	.848	-.338	30	216	-.004	.118	.406	-.486	30	266	.034	.115	.496	-.477
30	167	.097	.137	.680	-.274	30	217	.023	.111	.413	-.364	30	267	.022	.120	.425	-.327
30	168	.038	.116	.324	-.408	30	218	.066	.108	.399	-.348	30	268	-.044	.117	.274	-.432
30	169	.002	.115	.383	-.397	30	219	.068	.107	.410	-.260	30	269	-.055	.127	.374	-.465
30	170	.055	.115	.485	-.279	30	220	.087	.110	.442	-.228	30	301	-.087	.118	.286	-.494
30	171	.060	.112	.508	-.333	30	221	.079	.101	.435	-.331	30	302	-.121	.143	.358	-.675
30	172	.096	.114	.553	-.282	30	222	.070	.107	.420	-.356	30	303	-.136	.135	.342	-.685
30	173	.103	.112	.491	-.271	30	223	.065	.109	.409	-.346	30	304	-.131	.127	.259	-.724
30	174	.116	.116	.585	-.220	30	224	.042	.111	.459	-.293	30	305	-.089	.121	.266	-.609
30	175	.130	.111	.518	-.312	30	225	.030	.113	.548	-.388	30	306	-.089	.129	.365	-.668
30	176	.106	.122	.488	-.381	30	226	.025	.110	.525	-.299	30	307	-.087	.122	.340	-.508
30	177	.118	.128	.581	-.385	30	227	.021	.107	.368	-.326	30	308	-.086	.123	.400	-.538
30	178	.119	.134	.625	-.404	30	228	.020	.102	.351	-.300	30	309	-.094	.104	.263	-.452
30	179	.121	.134	.607	-.298	30	229	.013	.114	.364	-.402	30	310	-.082	.117	.368	-.556
30	180	.148	.144	.791	-.263	30	230	-.009	.115	.370	-.500	30	311	-.102	.125	.256	-.588
30	181	.132	.135	.654	-.263	30	231	.020	.116	.400	-.469	30	312	-.115	.137	.295	-.627
30	182	.105	.133	.588	-.264	30	232	.013	.114	.367	-.433	30	313	-.074	.116	.274	-.463
30	183	.066	.130	.529	-.303	30	233	.032	.101	.360	-.297	30	314	-.081	.128	.315	-.469
30	184	.042	.123	.342	-.476	30	234	.075	.105	.435	-.266	30	315	-.053	.113	.373	-.452
30	185	.002	.118	.403	-.479	30	235	.088	.103	.488	-.241	30	316	-.052	.112	.308	-.467
30	186	.051	.113	.384	-.344	30	236	.104	.122	.561	-.329	30	317	-.079	.125	.344	-.515
30	187	.062	.103	.457	-.302	30	237	.113	.110	.534	-.272	30	318	-.117	.124	.301	-.519
30	188	.079	.111	.460	-.319	30	238	.089	.115	.501	-.302	30	319	-.147	.144	.307	-.829
30	189	.089	.104	.496	-.229	30	239	.086	.116	.508	-.312	30	320	-.051	.108	.289	-.479
30	190	.087	.120	.444	-.318	30	240	.040	.109	.430	-.408	30	321	-.051	.117	.339	-.514
30	191	.100	.112	.482	-.315	30	241	.019	.114	.366	-.319	30	322	-.082	.133	.304	-.539
30	192	.074	.124	.479	-.340	30	242	.009	.103	.318	-.326	30	323	-.111	.135	.293	-.765
30	193	.074	.120	.447	-.336	30	243	.013	.113	.397	-.378	30	324	-.106	.121	.276	-.671
30	194	.092	.125	.527	-.378	30	244	.016	.117	.389	-.388	30	325	-.061	.124	.322	-.710
30	195	.091	.135	.581	-.410	30	245	.002	.106	.302	-.345	30	326	-.058	.116	.249	-.527
30	196	.094	.123	.537	-.280	30	246	-.020	.105	.320	-.477	30	327	-.075	.119	.397	-.595
30	197	.081	.134	.508	-.353	30	247	-.031	.111	.304	-.407	30	328	-.109	.119	.347	-.655
30	198	.062	.136	.581	-.398	30	248	.043	.120	.414	-.401	30	329	-.090	.120	.323	-.497
30	199	.024	.123	.499	-.363	30	249	.042	.110	.426	-.418	30	330	-.059	.118	.330	-.580
30	200	.027	.114	.362	-.464	30	250	.034	.118	.358	-.358	30	331	-.055	.124	.395	-.484
30	201	.007	.113	.348	-.461	30	251	.031	.120	.505	-.390	30	332	-.072	.130	.319	-.592
30	202	.051	.113	.376	-.384	30	252	.016	.115	.407	-.428	30	333	-.096	.129	.392	-.528

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	334	- .114	.122	.316	- .581	30	413	- .059	.113	.305	- .462	30	463	- .059	.121	.453	- .544
30	335	- .040	.118	.332	- .434	30	414	- .053	.121	.406	- .424	30	464	- .051	.118	.370	- .458
30	336	- .046	.117	.324	- .540	30	415	- .042	.121	.420	- .535	30	465	- .054	.114	.337	- .421
30	337	- .052	.127	.334	- .909	30	416	- .031	.110	.311	- .427	30	466	- .049	.117	.363	- .504
30	338	- .089	.130	.309	- .597	30	417	- .043	.122	.436	- .494	30	467	- .037	.114	.299	- .439
30	339	- .088	.130	.292	- .718	30	418	- .041	.124	.380	- .586	30	468	- .040	.121	.333	- .439
30	340	- .022	.116	.406	- .418	30	419	- .050	.123	.358	- .474	30	469	- .043	.109	.312	- .395
30	341	- .012	.108	.359	- .415	30	420	- .050	.110	.328	- .565	30	470	- .042	.108	.317	- .419
30	342	- .021	.124	.330	- .607	30	421	- .045	.118	.334	- .417	30	471	- .047	.114	.302	- .468
30	343	- .054	.123	.333	- .478	30	422	- .043	.109	.315	- .430	30	472	- .049	.112	.370	- .403
30	344	- .060	.120	.312	- .600	30	423	- .041	.120	.383	- .434	30	473	- .049	.121	.348	- .532
30	345	- .018	.108	.360	- .441	30	424	- .035	.112	.320	- .464	30	474	- .047	.116	.385	- .439
30	346	- .000	.113	.365	- .407	30	425	- .040	.115	.367	- .406	30	475	- .042	.122	.340	- .479
30	347	- .000	.106	.372	- .397	30	426	- .054	.116	.298	- .434	30	476	- .040	.117	.369	- .403
30	348	- .008	.114	.407	- .361	30	427	- .067	.127	.359	- .527	30	477	- .073	.125	.340	- .522
30	349	- .014	.119	.482	- .376	30	428	- .066	.120	.341	- .598	30	478	- .061	.124	.296	- .670
30	350	- .020	.116	.364	- .358	30	429	- .050	.124	.417	- .460	30	479	- .048	.122	.336	- .440
30	351	- .047	.120	.459	- .336	30	430	- .035	.113	.365	- .400	30	480	- .055	.123	.425	- .491
30	352	- .043	.114	.431	- .416	30	431	- .044	.114	.328	- .453	30	481	- .056	.125	.416	- .497
30	353	- .048	.110	.438	- .385	30	432	- .046	.112	.343	- .391	30	482	- .040	.116	.339	- .436
30	354	- .038	.111	.385	- .349	30	433	- .041	.114	.352	- .409	30	483	- .034	.114	.352	- .413
30	355	- .031	.118	.454	- .510	30	434	- .041	.113	.382	- .422	30	484	- .038	.121	.352	- .470
30	356	- .021	.126	.370	- .481	30	435	- .050	.117	.349	- .473	30	485	- .044	.117	.311	- .505
30	357	- .009	.112	.391	- .370	30	436	- .047	.110	.290	- .429	30	486	- .052	.118	.333	- .440
30	358	- .003	.112	.383	- .425	30	437	- .049	.112	.356	- .508	30	487	- .050	.110	.300	- .510
30	359	- .040	.106	.401	- .327	30	438	- .055	.122	.322	- .464	30	488	- .050	.118	.370	- .529
30	360	- .047	.120	.494	- .431	30	439	- .052	.115	.306	- .493	30	489	- .050	.114	.323	- .410
30	361	- .058	.106	.401	- .259	30	440	- .052	.111	.318	- .399	30	490	- .048	.115	.370	- .540
30	362	- .053	.112	.420	- .351	30	441	- .043	.107	.325	- .412	30	491	- .042	.110	.336	- .384
30	363	- .042	.124	.389	- .459	30	442	- .039	.114	.366	- .505	30	492	- .057	.119	.345	- .483
30	364	- .034	.117	.380	- .530	30	443	- .039	.107	.295	- .375	30	493	- .061	.121	.309	- .508
30	365	- .039	.116	.405	- .355	30	444	- .042	.110	.408	- .463	30	494	- .066	.120	.284	- .468
30	366	- .054	.111	.437	- .478	30	445	- .051	.109	.260	- .421	30	495	- .053	.121	.382	- .441
30	367	- .063	.117	.459	- .307	30	446	- .053	.092	.264	- .372	30	496	- .055	.110	.311	- .459
30	368	- .064	.117	.389	- .333	30	447	- .045	.101	.311	- .362	30	497	- .047	.118	.314	- .481
30	369	- .069	.114	.386	- .289	30	448	- .045	.108	.273	- .367	30	498	- .036	.117	.314	- .444
30	370	- .064	.114	.459	- .324	30	449	- .039	.114	.389	- .407	30	499	- .033	.114	.351	- .394
30	371	- .062	.122	.416	- .369	30	450	- .040	.106	.345	- .474	30	500	- .027	.110	.332	- .439
30	401	- .114	.129	.313	- .577	30	451	- .042	.115	.302	- .430	30	501	- .041	.119	.372	- .484
30	402	- .073	.116	.340	- .520	30	452	- .038	.114	.291	- .440	30	502	- .042	.111	.322	- .405
30	403	- .055	.124	.446	- .462	30	453	- .040	.114	.361	- .378	30	503	- .051	.119	.310	- .421
30	404	- .051	.117	.328	- .470	30	454	- .038	.109	.314	- .488	30	504	- .053	.117	.344	- .521
30	405	- .061	.123	.368	- .542	30	455	- .043	.120	.373	- .465	30	505	- .049	.122	.354	- .506
30	406	- .054	.115	.366	- .462	30	456	- .040	.108	.323	- .453	30	506	- .039	.120	.347	- .487
30	407	- .070	.113	.286	- .502	30	457	- .041	.115	.337	- .382	30	507	- .051	.127	.466	- .463
30	408	- .115	.129	.304	- .663	30	458	- .038	.115	.349	- .412	30	508	- .042	.116	.334	- .487
30	409	- .090	.121	.277	- .566	30	459	- .040	.121	.369	- .461	30	509	- .069	.129	.441	- .569
30	410	- .064	.124	.314	- .482	30	460	- .037	.121	.381	- .568	30	510	- .065	.123	.373	- .607
30	411	- .056	.115	.277	- .457	30	461	- .063	.128	.452	- .589	30	511	- .060	.114	.328	- .433
30	412	- .067	.119	.327	- .516	30	462	- .054	.120	.324	- .574	30	512	- .061	.123	.335	- .527

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	513	-.042	.118	.288	-.509	30	601	-.155	.151	.302	-.883	30	651	-.058	.113	.302	-.411
30	514	-.031	.124	.369	-.408	30	602	-.137	.131	.305	-.735	30	801	-.038	.116	.532	-.300
30	515	-.035	.110	.313	-.422	30	603	-.146	.139	.292	-.651	30	802	-.044	.121	.377	-.475
30	516	-.032	.111	.378	-.380	30	604	-.150	.148	.283	-.903	30	803	-.043	.112	.383	-.461
30	517	-.043	.113	.311	-.431	30	605	-.191	.169	.271	-.997	30	804	-.035	.117	.405	-.417
30	518	-.045	.111	.326	-.419	30	606	-.178	.158	.268	-.842	30	805	-.071	.120	.298	-.449
30	519	-.057	.119	.356	-.474	30	607	-.128	.136	.289	-.670	30	806	-.077	.110	.272	-.593
30	520	-.058	.120	.366	-.456	30	608	-.071	.119	.346	-.505	30	807	-.032	.121	.329	-.432
30	521	-.049	.120	.322	-.441	30	609	-.062	.122	.286	-.560	30	901	-.060	.112	.294	-.606
30	522	-.036	.112	.379	-.416	30	610	-.052	.119	.303	-.437	30	902	-.061	.118	.359	-.497
30	523	-.046	.117	.287	-.500	30	611	-.120	.158	.301	-.025	30	903	-.077	.121	.376	-.471
30	524	-.039	.112	.345	-.367	30	612	-.108	.154	.324	-.792	30	904	-.076	.123	.392	-.524
30	525	-.032	.120	.335	-.330	30	613	-.087	.138	.321	-.749	30	905	-.032	.127	.429	-.410
30	526	-.056	.125	.373	-.463	30	614	-.070	.128	.285	-.633	30	906	-.070	.125	.605	-.328
30	527	-.059	.126	.348	-.615	30	615	-.080	.124	.394	-.518	30	907	-.046	.105	.313	-.406
30	528	-.053	.113	.279	-.396	30	616	-.096	.136	.298	-.618	30	908	-.053	.124	.405	-.486
30	529	-.033	.111	.341	-.359	30	617	-.098	.142	.350	-.701	30	909	-.088	.119	.319	-.452
30	530	-.031	.123	.345	-.487	30	618	-.090	.135	.285	-.670	30	910	-.129	.129	.386	-.595
30	531	-.035	.119	.313	-.506	30	619	-.073	.130	.340	-.553	30	911	-.094	.146	.632	-.377
30	532	-.038	.117	.341	-.431	30	620	-.062	.121	.333	-.492	30	912	-.067	.125	.346	-.483
30	533	-.042	.110	.323	-.527	30	621	-.078	.124	.285	-.620	30	913	-.016	.122	.485	-.384
30	534	-.043	.118	.391	-.531	30	622	-.085	.134	.322	-.799	30	914	-.038	.124	.367	-.430
30	535	-.055	.117	.334	-.453	30	623	-.075	.124	.346	-.594	30	915	-.064	.123	.386	-.519
30	536	-.054	.113	.300	-.497	30	624	-.074	.128	.350	-.541	30	916	-.045	.111	.303	-.498
30	537	-.040	.108	.401	-.392	30	625	-.077	.131	.293	-.684	30	917	-.060	.119	.370	-.443
30	538	-.053	.117	.284	-.463	30	626	-.085	.122	.354	-.587	30	918	-.066	.106	.240	-.455
30	539	-.040	.116	.301	-.377	30	627	-.083	.119	.258	-.638	30	919	-.080	.131	.353	-.538
30	540	-.038	.116	.339	-.443	30	628	-.079	.130	.333	-.603	30	920	-.063	.117	.349	-.419
30	541	-.033	.113	.338	-.444	30	629	-.078	.122	.286	-.833	30	921	-.047	.123	.471	-.338
30	542	-.025	.115	.304	-.481	30	630	-.082	.134	.330	-.677	30	922	-.058	.118	.323	-.536
30	543	-.029	.109	.351	-.435	30	631	-.085	.129	.280	-.629	30	923	-.131	.148	.263	-.726
30	544	-.042	.115	.314	-.435	30	632	-.082	.130	.340	-.652	30	924	-.070	.125	.514	-.403
30	545	-.044	.118	.385	-.435	30	633	-.081	.135	.302	-.820	30	925	-.107	.108	.561	-.235
30	546	-.056	.121	.320	-.469	30	634	-.083	.133	.397	-.537	30	926	-.112	.110	.583	-.251
30	547	-.068	.117	.377	-.578	30	635	-.068	.122	.306	-.504	30	927	-.116	.122	.627	-.235
30	548	-.062	.118	.341	-.427	30	636	-.080	.134	.417	-.708	30	928	-.123	.118	.479	-.375
30	549	-.059	.110	.239	-.393	30	637	-.078	.127	.349	-.843	30	929	-.113	.127	.541	-.296
30	550	-.057	.075	.157	-.310	30	638	-.074	.118	.330	-.626	30	930	-.092	.123	.537	-.422
30	551	-.052	.116	.289	-.410	30	639	-.077	.126	.301	-.579	30	931	-.124	.127	.548	-.262
30	552	-.049	.112	.344	-.406	30	640	-.074	.120	.242	-.578	30	932	-.112	.115	.420	-.244
30	553	-.057	.119	.332	-.448	30	641	-.064	.129	.338	-.782	30	933	-.126	.118	.490	-.251
30	554	-.024	.118	.458	-.401	30	642	-.061	.116	.293	-.439	30	934	-.108	.119	.504	-.273
30	555	-.029	.117	.348	-.453	30	643	-.066	.110	.305	-.643	30	935	-.101	.124	.457	-.313
30	556	-.024	.107	.292	-.472	30	644	-.062	.116	.277	-.520	30	936	-.106	.118	.517	-.251
30	557	-.032	.106	.333	-.332	30	645	-.067	.118	.379	-.461	30	937	-.097	.122	.271	-.554
30	558	-.025	.113	.381	-.435	30	646	-.081	.131	.307	-.666	30	938	-.068	.119	.337	-.460
30	559	-.022	.117	.332	-.375	30	647	-.071	.116	.273	-.568	30	939	-.071	.117	.385	-.464
30	560	-.023	.107	.336	-.382	30	648	-.068	.109	.355	-.445	40	101	-.008	.133	.425	-.377
30	561	-.035	.112	.339	-.472	30	649	-.053	.114	.294	-.472	40	102	-.083	.138	.654	-.381
30	562	-.037	.106	.333	-.387	30	650	-.055	.115	.310	-.458	40	103	-.114	.138	.639	-.309

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	104	.153	.143	.724	-.340	40	154	.108	.139	.558	-.347	40	204	.131	.131	.668	-.326
40	105	.136	.173	.735	-.376	40	155	.122	.144	.598	-.295	40	205	.117	.120	.523	-.248
40	106	.125	.164	.706	-.405	40	156	.157	.141	.670	-.320	40	206	.096	.123	.503	-.331
40	107	.078	.149	.602	-.417	40	157	.168	.132	.639	-.270	40	207	.092	.115	.509	-.362
40	108	.095	.143	.352	-.515	40	158	.196	.153	.737	-.313	40	208	.055	.119	.488	-.355
40	109	.010	.150	.615	-.448	40	159	.180	.146	.738	-.300	40	209	.037	.122	.490	-.348
40	110	.038	.177	.662	-.485	40	160	.174	.144	.733	-.345	40	210	.019	.132	.380	-.509
40	111	.002	.161	.674	-.456	40	161	.173	.145	.767	-.265	40	211	.017	.153	.542	-.512
40	112	.165	.182	.938	-.419	40	162	.133	.162	.727	-.479	40	212	.017	.128	.422	-.438
40	113	.017	.140	.618	-.397	40	163	.154	.161	.780	-.498	40	213	.002	.128	.421	-.507
40	114	.081	.162	.639	-.705	40	164	.157	.144	.695	-.305	40	214	.034	.123	.394	-.449
40	115	.031	.179	.673	-.604	40	165	.133	.155	.751	-.345	40	215	.059	.116	.309	-.421
40	116	.139	.162	.536	-.799	40	166	.096	.149	.603	-.406	40	216	.016	.125	.369	-.392
40	117	.020	.121	.494	-.411	40	167	.032	.138	.561	-.476	40	217	.034	.127	.495	-.336
40	118	.020	.136	.619	-.379	40	168	.082	.127	.344	-.624	40	218	.107	.118	.564	-.311
40	119	.067	.138	.553	-.433	40	169	.000	.128	.422	-.481	40	219	.106	.131	.694	-.348
40	120	.101	.149	.656	-.419	40	170	.130	.131	.567	-.249	40	220	.120	.122	.529	-.263
40	121	.137	.140	.750	-.328	40	171	.129	.140	.650	-.265	40	221	.129	.114	.507	-.300
40	122	.132	.153	.766	-.310	40	172	.168	.134	.764	-.299	40	222	.106	.121	.523	-.270
40	123	.141	.155	.828	-.307	40	173	.161	.144	.738	-.249	40	223	.080	.126	.548	-.303
40	124	.124	.158	.641	-.339	40	174	.167	.133	.649	-.270	40	224	.035	.122	.460	-.328
40	125	.122	.183	.710	-.595	40	175	.184	.128	.698	-.229	40	225	.000	.121	.435	-.408
40	126	.092	.179	.727	-.482	40	176	.156	.138	.636	-.366	40	226	.064	.126	.353	-.539
40	127	.038	.155	.644	-.410	40	177	.124	.145	.694	-.355	40	227	.062	.135	.378	-.540
40	128	.161	.146	.475	-.712	40	178	.114	.147	.695	-.399	40	228	.023	.126	.383	-.490
40	129	.063	.142	.423	-.578	40	179	.108	.150	.662	-.454	40	229	.033	.120	.325	-.396
40	130	.001	.129	.466	-.446	40	180	.103	.138	.831	-.401	40	230	.061	.114	.276	-.435
40	131	.164	.149	.345	-.632	40	181	.099	.150	.775	-.355	40	231	.077	.126	.388	-.504
40	132	.053	.137	.423	-.584	40	182	.057	.142	.555	-.387	40	232	.016	.122	.498	-.452
40	133	.004	.144	.500	-.491	40	183	.003	.136	.464	-.358	40	233	.012	.121	.506	-.329
40	134	.057	.136	.375	-.542	40	184	.072	.136	.405	-.508	40	234	.102	.124	.545	-.328
40	135	.013	.141	.548	-.531	40	185	.009	.139	.500	-.447	40	235	.129	.131	.595	-.276
40	136	.023	.140	.456	-.470	40	186	.108	.130	.711	-.316	40	236	.165	.132	.600	-.314
40	137	.090	.142	.583	-.348	40	187	.117	.135	.601	-.329	40	237	.152	.121	.587	-.232
40	138	.152	.141	.704	-.350	40	188	.134	.135	.647	-.275	40	238	.122	.116	.576	-.254
40	139	.140	.147	.650	-.309	40	189	.138	.131	.676	-.308	40	239	.106	.125	.482	-.274
40	140	.172	.139	.804	-.212	40	190	.149	.130	.628	-.289	40	240	.010	.124	.460	-.383
40	141	.192	.145	.656	-.230	40	191	.135	.122	.572	-.256	40	241	.022	.121	.350	-.493
40	142	.182	.153	.920	-.303	40	192	.102	.119	.494	-.269	40	242	.062	.129	.353	-.510
40	143	.154	.162	.790	-.305	40	193	.086	.138	.622	-.356	40	243	.050	.124	.375	-.457
40	144	.115	.165	.720	-.408	40	194	.049	.153	.497	-.532	40	244	.028	.122	.369	-.531
40	145	.124	.151	.773	-.380	40	195	.045	.146	.505	-.439	40	245	.037	.121	.319	-.473
40	146	.128	.148	.714	-.333	40	196	.064	.135	.552	-.430	40	246	.065	.129	.378	-.477
40	147	.142	.168	.812	-.475	40	197	.038	.129	.502	-.436	40	247	.082	.119	.315	-.485
40	148	.134	.159	.839	-.356	40	198	.002	.133	.496	-.562	40	248	.051	.120	.534	-.400
40	149	.128	.149	.786	-.370	40	199	.046	.130	.416	-.501	40	249	.052	.117	.494	-.341
40	150	.099	.144	.633	-.444	40	200	.040	.145	.457	-.554	40	250	.037	.105	.360	-.314
40	151	.063	.138	.684	-.308	40	201	.026	.133	.461	-.430	40	251	.017	.112	.402	-.334
40	152	.063	.131	.422	-.631	40	202	.092	.128	.528	-.307	40	252	.018	.116	.390	-.430
40	153	.015	.111	.336	-.331	40	203	.106	.126	.531	-.307	40	253	.066	.122	.438	-.398

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	234	.062	.109	.452	-.322	40	335	-.081	.124	.294	-.530	40	414	-.137	.129	.276	-.601
40	235	.051	.115	.405	-.266	40	336	-.070	.121	.345	-.612	40	415	-.115	.118	.333	-.558
40	236	.031	.116	.433	-.381	40	337	-.063	.138	.356	-.650	40	416	-.110	.121	.244	-.612
40	237	-.041	.119	.413	-.413	40	338	-.183	.157	.365	-.826	40	417	-.116	.120	.288	-.554
40	238	-.057	.116	.395	-.434	40	339	-.192	.140	.195	-.957	40	418	-.129	.122	.297	-.564
40	239	-.091	.104	.303	-.457	40	340	-.076	.112	.258	-.430	40	419	-.131	.132	.282	-.554
40	260	.072	.109	.510	-.305	40	341	-.050	.115	.350	-.525	40	420	-.130	.119	.254	-.568
40	261	.072	.107	.441	-.312	40	342	-.034	.123	.444	-.501	40	421	-.123	.118	.248	-.634
40	262	.063	.105	.401	-.348	40	343	-.123	.150	.394	-.729	40	422	-.120	.112	.258	-.494
40	263	.039	.113	.496	-.337	40	344	-.137	.144	.300	-.759	40	423	-.124	.129	.357	-.511
40	264	.044	.108	.480	-.371	40	345	-.064	.113	.320	-.423	40	424	-.126	.123	.305	-.514
40	265	.004	.116	.377	-.357	40	346	-.047	.116	.315	-.414	40	425	-.132	.113	.276	-.542
40	266	-.008	.112	.409	-.365	40	347	-.009	.115	.394	-.501	40	426	-.137	.123	.272	-.522
40	267	.054	.115	.396	-.443	40	348	-.064	.125	.315	-.472	40	427	-.122	.130	.335	-.680
40	268	-.132	.128	.345	-.609	40	349	-.086	.144	.514	-.706	40	428	-.118	.128	.262	-.644
40	269	-.140	.124	.250	-.618	40	350	.001	.106	.335	-.337	40	429	-.111	.121	.291	-.628
40	301	.129	.115	.319	-.530	40	351	.041	.110	.382	-.312	40	430	-.106	.122	.271	-.464
40	302	.166	.133	.250	-.693	40	352	.040	.120	.483	-.350	40	431	-.112	.125	.329	-.558
40	303	.216	.153	.301	-.738	40	353	.055	.128	.461	-.407	40	432	-.118	.115	.265	-.519
40	304	.200	.126	.200	-.791	40	354	.063	.113	.459	-.366	40	433	-.114	.115	.265	-.486
40	305	.172	.133	.253	-.719	40	355	.073	.120	.278	-.467	40	434	-.118	.112	.266	-.458
40	306	.162	.129	.216	-.710	40	356	.053	.120	.314	-.473	40	435	-.122	.113	.330	-.516
40	307	.147	.118	.278	-.564	40	357	.042	.129	.425	-.610	40	436	-.119	.108	.343	-.473
40	308	.150	.121	.205	-.601	40	358	.027	.127	.382	-.498	40	437	-.126	.122	.232	-.580
40	309	.181	.106	.184	-.524	40	359	.040	.111	.387	-.322	40	438	-.120	.120	.291	-.515
40	310	.137	.115	.351	-.544	40	360	.058	.112	.521	-.322	40	439	-.116	.110	.216	-.491
40	311	.153	.120	.234	-.629	40	361	.066	.107	.409	-.303	40	440	-.114	.115	.239	-.506
40	312	.183	.133	.230	-.686	40	362	.068	.108	.388	-.369	40	441	-.122	.120	.245	-.498
40	313	.153	.117	.225	-.571	40	363	.121	.115	.234	-.558	40	442	-.107	.118	.366	-.525
40	314	.148	.121	.347	-.524	40	364	.019	.103	.336	-.326	40	443	-.114	.115	.279	-.521
40	315	.100	.122	.382	-.546	40	365	.038	.118	.443	-.295	40	444	-.109	.110	.268	-.463
40	316	.097	.113	.308	-.492	40	366	.051	.113	.492	-.318	40	445	-.115	.112	.291	-.531
40	317	.133	.140	.288	-.695	40	367	.071	.120	.439	-.331	40	446	-.118	.095	.180	-.461
40	318	.200	.154	.314	-.750	40	368	.074	.123	.434	-.434	40	447	-.109	.105	.266	-.448
40	319	.270	.167	.200	-.120	40	369	.074	.117	.388	-.342	40	448	-.110	.114	.232	-.463
40	320	.101	.124	.320	-.578	40	370	.086	.119	.499	-.273	40	449	-.113	.114	.295	-.489
40	321	.091	.130	.402	-.538	40	371	.073	.107	.409	-.265	40	450	-.119	.117	.208	-.513
40	322	.160	.158	.310	-.865	40	401	-.169	.138	.310	-.677	40	451	-.125	.118	.257	-.519
40	323	.276	.164	.202	-.052	40	402	-.139	.126	.283	-.527	40	452	-.113	.116	.283	-.527
40	324	.246	.166	.334	-.057	40	403	-.119	.118	.238	-.551	40	453	-.122	.109	.308	-.492
40	325	.106	.126	.280	-.739	40	404	-.120	.124	.286	-.558	40	454	-.118	.121	.277	-.497
40	326	.104	.123	.239	-.761	40	405	-.135	.129	.307	-.725	40	455	-.122	.126	.334	-.501
40	327	.134	.162	.342	-.784	40	406	-.137	.118	.324	-.604	40	456	-.119	.110	.272	-.522
40	328	.258	.159	.195	-.972	40	407	-.140	.114	.304	-.518	40	457	-.116	.118	.263	-.626
40	329	.218	.156	.300	-.740	40	408	-.179	.136	.231	-.671	40	458	-.113	.122	.248	-.518
40	330	.098	.128	.272	-.544	40	409	-.153	.129	.317	-.719	40	459	-.111	.129	.261	-.524
40	331	.091	.118	.325	-.679	40	410	-.143	.124	.237	-.637	40	460	-.116	.123	.357	-.539
40	332	.092	.141	.305	-.717	40	411	-.138	.120	.370	-.522	40	461	-.125	.122	.295	-.557
40	333	.223	.161	.244	-.009	40	412	-.155	.125	.292	-.606	40	462	-.128	.124	.248	-.629
40	334	.231	.152	.387	-.820	40	413	-.144	.127	.235	-.596	40	463	-.124	.121	.316	-.621

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	464	- .122	.125	.298	- .542	40	514	- .114	.122	.254	- .540	40	602	- .183	.124	.228	- .590
40	465	- .121	.124	.252	- .522	40	515	- .117	.126	.317	- .538	40	603	- .192	.126	.171	- .726
40	466	- .121	.122	.267	- .557	40	516	- .120	.130	.316	- .615	40	604	- .219	.134	.194	- .685
40	467	- .115	.115	.368	- .497	40	517	- .121	.121	.248	- .514	40	605	- .216	.121	.129	- .944
40	468	- .113	.120	.278	- .527	40	518	- .127	.118	.337	- .507	40	606	- .207	.137	.269	- .804
40	469	- .113	.122	.336	- .547	40	519	- .118	.122	.319	- .574	40	607	- .181	.127	.317	- .611
40	470	- .125	.126	.313	- .536	40	520	- .117	.121	.256	- .493	40	608	- .137	.119	.251	- .601
40	471	- .123	.123	.248	- .548	40	521	- .118	.117	.229	- .541	40	609	- .136	.125	.262	- .640
40	472	- .129	.118	.321	- .568	40	522	- .113	.126	.335	- .495	40	610	- .115	.117	.249	- .524
40	473	- .116	.121	.311	- .550	40	523	- .116	.129	.362	- .538	40	611	- .122	.130	.339	- .617
40	474	- .113	.124	.255	- .495	40	524	- .112	.118	.284	- .502	40	612	- .121	.122	.222	- .681
40	475	- .118	.118	.237	- .513	40	525	- .122	.122	.313	- .508	40	613	- .123	.128	.264	- .611
40	476	- .114	.126	.315	- .469	40	526	- .131	.115	.272	- .535	40	614	- .135	.130	.298	- .617
40	477	- .135	.134	.384	- .591	40	527	- .121	.118	.286	- .519	40	615	- .126	.119	.265	- .479
40	478	- .129	.119	.249	- .553	40	528	- .117	.114	.362	- .475	40	616	- .123	.119	.302	- .587
40	479	- .111	.117	.299	- .468	40	529	- .109	.122	.257	- .523	40	617	- .123	.118	.280	- .555
40	480	- .120	.117	.286	- .529	40	530	- .110	.124	.338	- .574	40	618	- .124	.123	.260	- .611
40	481	- .114	.117	.374	- .529	40	531	- .112	.116	.271	- .481	40	619	- .131	.132	.275	- .694
40	482	- .112	.110	.356	- .530	40	532	- .109	.121	.236	- .559	40	620	- .129	.123	.299	- .598
40	483	- .115	.124	.264	- .522	40	533	- .124	.124	.253	- .609	40	621	- .123	.123	.260	- .544
40	484	- .110	.122	.333	- .545	40	534	- .116	.121	.341	- .556	40	622	- .126	.119	.253	- .530
40	485	- .114	.113	.234	- .506	40	535	- .128	.124	.281	- .549	40	623	- .134	.119	.235	- .556
40	486	- .113	.121	.251	- .565	40	536	- .119	.113	.256	- .471	40	624	- .137	.123	.235	- .562
40	487	- .127	.121	.231	- .560	40	537	- .123	.118	.280	- .514	40	625	- .131	.119	.300	- .681
40	488	- .116	.122	.380	- .503	40	538	- .122	.126	.292	- .657	40	626	- .139	.114	.324	- .654
40	489	- .123	.120	.272	- .556	40	539	- .116	.121	.286	- .499	40	627	- .130	.130	.262	- .967
40	490	- .112	.112	.277	- .478	40	540	- .113	.123	.338	- .502	40	628	- .136	.135	.324	- .796
40	491	- .116	.120	.304	- .506	40	541	- .114	.110	.301	- .465	40	629	- .137	.120	.281	- .666
40	492	- .119	.128	.252	- .608	40	542	- .120	.117	.273	- .530	40	630	- .133	.120	.227	- .649
40	493	- .129	.127	.321	- .539	40	543	- .109	.105	.216	- .483	40	631	- .127	.123	.268	- .614
40	494	- .124	.124	.299	- .506	40	544	- .109	.107	.350	- .438	40	632	- .127	.132	.271	- .672
40	495	- .112	.116	.280	- .471	40	545	- .120	.117	.256	- .516	40	633	- .136	.126	.342	- .562
40	496	- .119	.120	.223	- .570	40	546	- .128	.111	.223	- .484	40	634	- .136	.124	.291	- .540
40	497	- .111	.119	.314	- .490	40	547	- .116	.110	.306	- .478	40	635	- .140	.127	.223	- .695
40	498	- .108	.118	.296	- .522	40	548	- .121	.105	.202	- .507	40	636	- .128	.120	.315	- .620
40	499	- .118	.110	.317	- .471	40	549	- .116	.106	.214	- .470	40	637	- .127	.128	.302	- .666
40	500	- .109	.120	.298	- .486	40	550	- .116	.090	.155	- .414	40	638	- .142	.124	.223	- .555
40	501	- .119	.128	.356	- .514	40	551	- .113	.107	.248	- .527	40	639	- .141	.127	.230	- .629
40	502	- .119	.111	.275	- .534	40	552	- .110	.105	.268	- .458	40	640	- .134	.120	.357	- .538
40	503	- .118	.121	.224	- .654	40	553	- .108	.101	.181	- .441	40	641	- .119	.121	.268	- .559
40	504	- .120	.122	.233	- .507	40	554	- .103	.110	.237	- .496	40	642	- .117	.124	.343	- .592
40	505	- .120	.129	.280	- .571	40	555	- .098	.116	.276	- .523	40	643	- .130	.126	.268	- .550
40	506	- .124	.124	.317	- .534	40	556	- .098	.115	.223	- .552	40	644	- .132	.125	.279	- .721
40	507	- .119	.125	.314	- .531	40	557	- .112	.106	.273	- .499	40	645	- .139	.122	.351	- .608
40	508	- .118	.124	.242	- .669	40	558	- .099	.113	.245	- .450	40	646	- .137	.110	.237	- .501
40	509	- .134	.125	.304	- .619	40	559	- .101	.114	.262	- .501	40	647	- .128	.107	.251	- .469
40	510	- .128	.128	.284	- .579	40	560	- .107	.116	.328	- .510	40	648	- .137	.111	.232	- .523
40	511	- .125	.123	.247	- .540	40	561	- .129	.124	.316	- .557	40	649	- .131	.120	.273	- .515
40	512	- .118	.122	.256	- .607	40	562	- .137	.108	.269	- .561	40	650	- .125	.112	.232	- .501
40	513	- .103	.118	.371	- .495	40	601	- .177	.125	.209	- .689	40	651	- .116	.106	.311	- .490

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	801	.018	.115	.381	-.333	50	105	.101	.180	.921	-.611	50	155	.202	.139	.701	-.212
40	802	-.134	.114	.228	-.586	50	106	.086	.159	.728	-.409	50	156	.251	.149	.821	-.216
40	803	-.121	.110	.297	-.445	50	107	.009	.143	.633	-.447	50	157	.260	.158	.971	-.189
40	804	-.103	.109	.221	-.510	50	108	-.171	.137	.296	-.621	50	158	.278	.155	.860	-.205
40	805	-.130	.121	.234	-.539	50	109	-.046	.143	.488	-.456	50	159	.288	.172	.936	-.231
40	806	-.139	.126	.277	-.547	50	110	-.044	.166	.461	-.569	50	160	.242	.170	.871	-.224
40	807	-.082	.122	.439	-.534	50	111	-.102	.173	.459	-.804	50	161	.230	.169	.843	-.250
40	901	-.143	.122	.320	-.558	50	112	.036	.176	.719	-.659	50	162	.111	.176	.788	-.433
40	902	-.115	.121	.280	-.557	50	113	-.079	.145	.549	-.482	50	163	.102	.184	.678	-.509
40	903	-.138	.111	.213	-.501	50	114	-.185	.150	.552	-.769	50	164	.155	.138	.623	-.303
40	904	-.149	.117	.231	-.582	50	115	-.113	.165	.406	-.660	50	165	.129	.138	.702	-.416
40	905	.041	.133	.538	-.487	50	116	-.273	.134	.227	-.857	50	166	.055	.131	.585	-.334
40	906	.020	.139	.532	-.454	50	117	-.024	.123	.414	-.377	50	167	.030	.129	.464	-.424
40	907	-.126	.125	.262	-.569	50	118	.024	.132	.510	-.387	50	168	.076	.150	.426	-.595
40	908	-.136	.128	.294	-.650	50	119	.064	.143	.526	-.395	50	169	.033	.132	.422	-.364
40	909	-.179	.125	.259	-.601	50	120	.087	.153	.763	-.340	50	170	.188	.137	.724	-.278
40	910	-.180	.132	.285	-.650	50	121	.141	.147	.726	-.322	50	171	.218	.138	.775	-.178
40	911	.022	.149	.506	-.471	50	122	.130	.159	.668	-.426	50	172	.262	.152	.890	-.261
40	912	-.099	.120	.257	-.486	50	123	.122	.143	.647	-.354	50	173	.285	.149	.786	-.218
40	913	-.056	.134	.418	-.586	50	124	.098	.159	.716	-.415	50	174	.274	.147	.864	-.202
40	914	-.102	.127	.392	-.557	50	125	.039	.176	.740	-.523	50	175	.281	.159	.856	-.188
40	915	-.138	.119	.304	-.510	50	126	.029	.164	.555	-.743	50	176	.232	.162	.735	-.227
40	916	-.129	.121	.270	-.741	50	127	-.068	.143	.429	-.570	50	177	.177	.162	.935	-.313
40	917	-.148	.126	.288	-.567	50	128	-.281	.158	.269	-.857	50	178	.076	.160	.631	-.588
40	918	-.160	.130	.397	-.554	50	129	-.182	.141	.328	-.647	50	179	.063	.173	.620	-.585
40	919	-.153	.123	.275	-.622	50	130	-.105	.142	.354	-.599	50	180	.119	.135	.645	-.395
40	920	-.165	.130	.354	-.686	50	131	-.287	.146	.246	-.819	50	181	.085	.135	.547	-.379
40	921	.017	.142	.427	-.513	50	132	-.176	.152	.386	-.676	50	182	.016	.127	.561	-.368
40	922	-.126	.115	.301	-.594	50	133	-.103	.134	.435	-.573	50	183	.048	.124	.560	-.536
40	923	-.217	.147	.179	-.744	50	134	-.055	.137	.434	-.548	50	184	.063	.149	.395	-.604
40	924	.103	.118	.518	-.325	50	135	-.015	.146	.543	-.460	50	185	.043	.132	.569	-.400
40	925	.145	.123	.812	-.224	50	136	.035	.131	.543	-.330	50	186	.176	.134	.670	-.245
40	926	.157	.121	.664	-.298	50	137	.108	.138	.678	-.356	50	187	.203	.130	.605	-.239
40	927	.145	.129	.686	-.248	50	138	.191	.149	.843	-.272	50	188	.236	.142	.719	-.186
40	928	.158	.125	.679	-.187	50	139	.196	.144	.699	-.277	50	189	.251	.145	.708	-.178
40	929	.122	.121	.648	-.287	50	140	.221	.144	.785	-.230	50	190	.263	.143	.742	-.191
40	930	.090	.119	.524	-.313	50	141	.233	.151	.747	-.221	50	191	.279	.151	.772	-.205
40	931	.131	.131	.630	-.257	50	142	.212	.168	.984	-.232	50	192	.166	.146	.653	-.299
40	932	.160	.130	.650	-.396	50	143	.132	.162	.737	-.320	50	193	.090	.135	.667	-.338
40	933	.152	.130	.727	-.272	50	144	.116	.157	.679	-.429	50	194	.024	.153	.501	-.603
40	934	.143	.123	.539	-.246	50	145	.168	.182	.933	-.413	50	195	.023	.152	.628	-.417
40	935	.133	.116	.624	-.236	50	146	.092	.168	.670	-.528	50	196	.076	.126	.553	-.318
40	936	.124	.117	.544	-.227	50	147	.074	.142	.664	-.477	50	197	.044	.125	.450	-.454
40	937	-.169	.122	.221	-.582	50	148	.105	.144	.718	-.365	50	198	.016	.117	.365	-.448
40	938	-.148	.120	.314	-.625	50	149	.073	.128	.591	-.387	50	199	.066	.117	.366	-.432
40	939	-.138	.114	.231	-.763	50	150	.053	.131	.532	-.334	50	200	.060	.141	.444	-.543
50	101	.064	.131	.501	-.364	50	151	.010	.130	.444	-.412	50	201	.046	.138	.523	-.394
50	102	.140	.132	.619	-.268	50	152	-.044	.134	.453	-.478	50	202	.174	.132	.717	-.230
50	103	.185	.145	.771	-.268	50	153	.048	.107	.375	-.285	50	203	.187	.136	.783	-.223
50	104	.177	.162	.904	-.242	50	154	.183	.118	.594	-.175	50	204	.229	.124	.798	-.220

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	205	.240	.145	.820	-.222	50	255	.098	.132	.514	-.370	50	336	-.109	.135	.450	-.839
50	206	.230	.141	.700	-.213	50	256	.058	.136	.440	-.529	50	337	-.111	.142	.322	-.737
50	207	.221	.139	.686	-.237	50	257	.058	.126	.397	-.483	50	338	-.282	.199	.329	-1.066
50	208	.143	.140	.603	-.291	50	258	.080	.113	.238	-.520	50	339	-.285	.178	.289	-1.042
50	209	.070	.146	.613	-.408	50	259	.139	.116	.267	-.545	50	340	-.110	.119	.272	-.505
50	210	-.049	.148	.488	-.503	50	260	.135	.135	.660	-.295	50	341	-.085	.123	.301	-.568
50	211	.019	.149	.429	-.732	50	261	.114	.129	.636	-.279	50	342	-.069	.148	.445	-.639
50	212	.051	.126	.496	-.395	50	262	.120	.123	.495	-.306	50	343	-.224	.178	.352	-.864
50	213	.014	.123	.441	-.353	50	263	.146	.137	.676	-.349	50	344	-.207	.171	.475	-1.123
50	214	.039	.123	.346	-.553	50	264	.107	.127	.628	-.372	50	345	-.119	.114	.295	-.579
50	215	.079	.121	.291	-.470	50	265	.052	.135	.485	-.367	50	346	-.084	.122	.354	-.460
50	216	.039	.139	.382	-.617	50	266	.027	.122	.491	-.316	50	347	-.051	.123	.345	-.539
50	217	.055	.131	.497	-.369	50	267	.044	.121	.360	-.439	50	348	-.136	.142	.307	-.556
50	218	.163	.133	.708	-.340	50	268	-.213	.122	.158	-.617	50	349	-.166	.178	.326	-.887
50	219	.168	.123	.593	-.241	50	269	-.226	.126	.209	-.683	50	350	-.019	.127	.475	-.438
50	220	.212	.127	.630	-.180	50	301	-.138	.110	.339	-.521	50	351	.044	.128	.527	-.412
50	221	.225	.133	.681	-.174	50	302	-.153	.165	.344	-.759	50	352	.053	.126	.389	-.443
50	222	.205	.141	.638	-.239	50	303	-.295	.184	.324	-.932	50	353	.051	.128	.485	-.526
50	223	.181	.135	.646	-.258	50	304	-.257	.129	.142	-.744	50	354	.072	.130	.620	-.589
50	224	.099	.126	.507	-.403	50	305	-.218	.139	.276	-.718	50	355	-.132	.128	.241	-.550
50	225	.021	.130	.493	-.376	50	306	-.275	.141	.201	-.794	50	356	-.109	.137	.290	-.546
50	226	.099	.154	.351	-.631	50	307	-.216	.129	.239	-.662	50	357	-.096	.142	.386	-.606
50	227	.080	.152	.419	-.576	50	308	-.210	.124	.278	-.617	50	358	-.068	.130	.330	-.586
50	228	.001	.125	.550	-.443	50	309	-.242	.112	.116	-.638	50	359	.036	.123	.470	-.404
50	229	.024	.118	.398	-.500	50	310	-.187	.125	.209	-.712	50	360	.075	.132	.478	-.336
50	230	.069	.113	.352	-.503	50	311	-.179	.133	.278	-.682	50	361	.089	.131	.573	-.386
50	231	.098	.109	.282	-.439	50	312	-.241	.144	.249	-.697	50	362	.084	.127	.477	-.316
50	232	.060	.134	.432	-.596	50	313	-.199	.111	.235	-.561	50	363	-.205	.132	.346	-.629
50	233	.017	.128	.508	-.434	50	314	-.204	.123	.244	-.607	50	364	.037	.128	.574	-.399
50	234	.154	.131	.578	-.291	50	315	-.139	.129	.296	-.724	50	365	.064	.128	.563	-.342
50	235	.191	.130	.593	-.186	50	316	-.120	.133	.322	-.731	50	366	.078	.119	.469	-.316
50	236	.247	.129	.716	-.200	50	317	-.118	.138	.270	-.729	50	367	.112	.117	.555	-.235
50	237	.277	.141	.823	-.258	50	318	-.233	.158	.288	-.853	50	368	.097	.114	.539	-.318
50	238	.195	.139	.716	-.200	50	319	-.349	.187	.188	-1.048	50	369	.121	.118	.534	-.311
50	239	.147	.129	.610	-.270	50	320	-.133	.121	.264	-.570	50	370	.119	.112	.470	-.256
50	240	.031	.118	.496	-.356	50	321	-.119	.129	.246	-.749	50	371	.116	.128	.545	-.362
50	241	.025	.118	.376	-.408	50	322	-.166	.176	.356	-.912	50	401	-.207	.128	.175	-.610
50	242	.097	.121	.332	-.515	50	323	-.347	.176	.218	-1.071	50	402	-.190	.116	.192	-.598
50	243	.083	.125	.318	-.525	50	324	-.327	.172	.168	-1.028	50	403	-.173	.129	.232	-.604
50	244	.029	.116	.376	-.412	50	325	-.138	.130	.269	-.601	50	404	-.174	.127	.229	-.590
50	245	.041	.112	.360	-.400	50	326	-.111	.123	.408	-.632	50	405	-.175	.118	.220	-.570
50	246	.083	.125	.301	-.545	50	327	-.164	.185	.420	-.957	50	406	-.173	.114	.223	-.604
50	247	.111	.121	.277	-.514	50	328	-.336	.158	.179	-1.019	50	407	-.179	.118	.246	-.603
50	248	.086	.126	.512	-.405	50	329	-.338	.162	.165	-1.066	50	408	-.223	.124	.147	-.580
50	249	.075	.125	.470	-.404	50	330	-.136	.116	.221	-.562	50	409	-.223	.126	.167	-.627
50	250	.065	.124	.499	-.438	50	331	-.125	.126	.321	-.768	50	410	-.197	.127	.199	-.623
50	251	.026	.133	.461	-.467	50	332	-.154	.170	.300	-.798	50	411	-.203	.124	.232	-.635
50	252	.036	.121	.366	-.436	50	333	-.312	.192	.250	-1.002	50	412	-.188	.115	.204	-.623
50	253	.092	.119	.480	-.314	50	334	-.343	.177	.247	-.901	50	413	-.198	.129	.227	-.690
50	254	.109	.121	.584	-.253	50	335	-.127	.125	.334	-.529	50	414	-.191	.125	.245	-.611

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	415	-153	117	246	-499	50	465	-165	123	247	-614	50	515	-179	116	238	-631
50	416	-141	126	351	-602	50	466	-153	112	201	-502	50	516	-173	119	250	-547
50	417	-171	120	202	-633	50	467	-168	115	259	-563	50	517	-179	122	185	-599
50	418	-189	131	214	-614	50	468	-164	122	207	-600	50	518	-177	111	200	-541
50	419	-188	119	246	-515	50	469	-177	115	219	-634	50	519	-172	115	231	-514
50	420	-175	118	207	-573	50	470	-174	116	211	-537	50	520	-179	125	197	-570
50	421	-167	114	303	-543	50	471	-181	123	193	-583	50	521	-179	128	209	-652
50	422	-174	128	294	-678	50	472	-180	114	201	-559	50	522	-176	110	167	-576
50	423	-196	116	260	-611	50	473	-170	117	256	-556	50	523	-173	121	234	-615
50	424	-184	123	196	-590	50	474	-174	127	228	-531	50	524	-166	130	249	-599
50	425	-186	125	238	-570	50	475	-175	131	221	-665	50	525	-180	113	161	-587
50	426	-190	119	174	-639	50	476	-174	112	193	-529	50	526	-169	120	282	-629
50	427	-151	122	288	-641	50	477	-161	125	265	-692	50	527	-168	121	215	-603
50	428	-156	129	223	-647	50	478	-149	129	236	-594	50	528	-171	127	306	-559
50	429	-146	126	213	-563	50	479	-156	113	193	-542	50	529	-173	116	279	-535
50	430	-157	113	172	-618	50	480	-153	119	251	-660	50	530	-171	126	297	-744
50	431	-159	119	237	-569	50	481	-156	121	204	-503	50	531	-178	132	358	-632
50	432	-167	124	225	-633	50	482	-163	126	297	-554	50	532	-178	105	202	-524
50	433	-178	110	163	-575	50	483	-175	116	310	-568	50	533	-179	113	208	-549
50	434	-172	115	207	-633	50	484	-165	127	308	-717	50	534	-178	119	179	-587
50	435	-173	118	187	-543	50	485	-181	130	348	-594	50	535	-169	125	285	-591
50	436	-172	126	313	-584	50	486	-182	105	185	-511	50	536	-174	124	250	-573
50	437	-181	115	277	-572	50	487	-188	113	177	-574	50	537	-172	123	208	-646
50	438	-170	126	273	-680	50	488	-183	119	197	-571	50	538	-174	119	232	-570
50	439	-186	130	298	-575	50	489	-173	125	273	-580	50	539	-173	125	264	-672
50	440	-182	102	187	-507	50	490	-174	125	262	-571	50	540	-169	123	241	-541
50	441	-180	113	173	-581	50	491	-171	122	201	-626	50	541	-170	115	224	-562
50	442	-171	116	211	-611	50	492	-174	120	250	-545	50	542	-173	116	281	-565
50	443	-162	122	277	-510	50	493	-162	129	267	-619	50	543	-181	113	246	-531
50	444	-166	122	264	-611	50	494	-152	121	273	-543	50	544	-172	121	220	-526
50	445	-150	115	158	-561	50	495	-151	124	269	-590	50	545	-178	117	192	-567
50	446	-148	096	205	-504	50	496	-160	113	155	-585	50	546	-182	122	192	-617
50	447	-152	113	205	-560	50	497	-166	111	222	-597	50	547	-178	122	223	-715
50	448	-151	113	220	-526	50	498	-167	115	193	-593	50	548	-171	118	210	-611
50	449	-158	121	291	-548	50	499	-170	121	231	-535	50	549	-170	106	212	-512
50	450	-170	112	139	-548	50	500	-170	124	256	-567	50	550	-165	082	099	-437
50	451	-171	113	262	-605	50	501	-183	112	243	-524	50	551	-165	108	201	-501
50	452	-165	115	182	-625	50	502	-178	125	244	-703	50	552	-161	109	218	-483
50	453	-172	121	236	-542	50	503	-174	114	285	-561	50	553	-174	114	264	-595
50	454	-174	122	219	-606	50	504	-173	122	247	-606	50	554	-160	126	185	-585
50	455	-188	112	222	-543	50	505	-179	119	191	-524	50	555	-169	115	223	-544
50	456	-180	126	239	-679	50	506	-176	131	232	-676	50	556	-165	113	224	-509
50	457	-172	115	317	-560	50	507	-166	119	275	-574	50	557	-171	114	293	-568
50	458	-166	120	237	-591	50	508	-166	127	278	-628	50	558	-166	119	186	-584
50	459	-170	119	204	-529	50	509	-169	123	237	-587	50	559	-167	123	204	-573
50	460	-168	131	290	-639	50	510	-161	120	247	-546	50	560	-146	120	255	-538
50	461	-157	119	296	-574	50	511	-167	125	276	-614	50	561	-192	116	199	-573
50	462	-156	129	293	-609	50	512	-155	113	217	-517	50	562	-222	118	119	-666
50	463	-154	116	224	-568	50	513	-173	118	270	-620	50	601	-203	140	178	-732
50	464	-153	118	217	-533	50	514	-175	121	197	-602	50	602	-222	135	191	-767

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	603	-235	.138	.231	-.698	50	802	-.181	.131	.245	-.714	60	106	.037	.149	.576	-.428
50	604	-.268	.132	.352	-.953	50	803	-.183	.122	.197	-.746	60	107	-.047	.139	.624	-.489
50	605	-.236	.124	.142	-.889	50	804	-.152	.121	.271	-.581	60	108	-.213	.138	.260	-.711
50	606	-.248	.141	.237	-.802	50	805	-.182	.119	.221	-.628	60	109	-.104	.133	.368	-.499
50	607	-.236	.131	.158	-.662	50	806	-.199	.137	.232	-.635	60	110	-.101	.156	.372	-.653
50	608	-.188	.123	.216	-.682	50	807	-.105	.129	.353	-.606	60	111	-.165	.157	.426	-.704
50	609	-.175	.122	.221	-.587	50	901	-.203	.121	.205	-.663	60	112	-.059	.172	.521	-.671
50	610	-.160	.116	.242	-.574	50	902	-.167	.119	.229	-.627	60	113	-.169	.137	.358	-.578
50	611	-.152	.130	.295	-.642	50	903	-.203	.126	.254	-.705	60	114	-.259	.132	.303	-.705
50	612	-.157	.135	.343	-.613	50	904	-.207	.136	.172	-.677	60	115	-.197	.141	.315	-.647
50	613	-.157	.113	.221	-.539	50	905	-.064	.142	.483	-.544	60	116	-.307	.131	.125	-.763
50	614	-.163	.127	.280	-.604	50	906	-.027	.151	.536	-.537	60	117	-.017	.136	.464	-.435
50	615	-.165	.117	.259	-.563	50	907	-.180	.127	.247	-.602	60	118	-.012	.134	.504	-.400
50	616	-.148	.128	.325	-.546	50	908	-.211	.128	.190	-.633	60	119	.038	.129	.429	-.382
50	617	-.154	.129	.269	-.623	50	909	-.269	.131	.204	-.650	60	120	.054	.146	.561	-.438
50	618	-.151	.124	.193	-.616	50	910	-.218	.135	.240	-.641	60	121	.091	.153	.798	-.419
50	619	-.157	.125	.283	-.644	50	911	-.118	.168	.394	-.654	60	122	.072	.145	.612	-.394
50	620	-.165	.129	.270	-.599	50	912	-.163	.131	.285	-.744	60	123	.074	.145	.623	-.422
50	621	-.145	.119	.285	-.553	50	913	-.142	.131	.383	-.599	60	124	.057	.147	.581	-.415
50	622	-.148	.121	.313	-.563	50	914	-.170	.128	.269	-.599	60	125	-.043	.172	.567	-.664
50	623	-.157	.116	.158	-.597	50	915	-.210	.139	.232	-.669	60	126	.076	.145	.476	-.573
50	624	-.159	.117	.261	-.572	50	916	-.184	.132	.282	-.598	60	127	-.138	.145	.377	-.662
50	625	-.164	.119	.265	-.600	50	917	-.205	.116	.190	-.632	60	128	-.293	.140	.109	-.891
50	626	-.143	.123	.306	-.513	50	918	-.199	.127	.185	-.667	60	129	-.237	.135	.246	-.689
50	627	-.145	.123	.267	-.560	50	919	-.219	.134	.172	-.724	60	130	-.190	.135	.242	-.661
50	628	-.163	.112	.213	-.603	50	920	-.241	.132	.155	-.652	60	131	-.272	.136	.117	-.896
50	629	-.159	.128	.229	-.703	50	921	-.104	.132	.337	-.501	60	132	-.217	.129	.202	-.729
50	630	-.152	.113	.395	-.603	50	922	-.221	.129	.243	-.614	60	133	-.178	.125	.223	-.570
50	631	-.141	.122	.237	-.611	50	923	-.305	.145	.227	-.780	60	134	-.021	.144	.495	-.522
50	632	-.148	.118	.285	-.508	50	924	-.148	.147	.744	-.342	60	135	-.016	.146	.504	-.549
50	633	-.156	.129	.219	-.579	50	925	-.229	.139	.868	-.185	60	136	.039	.135	.550	-.419
50	634	-.155	.119	.267	-.566	50	926	-.258	.137	.773	-.224	60	137	.110	.134	.700	-.264
50	635	-.161	.126	.327	-.591	50	927	-.275	.153	.925	-.287	60	138	.178	.148	.730	-.256
50	636	-.157	.119	.226	-.564	50	928	-.254	.146	.853	-.255	60	139	.186	.140	.641	-.255
50	637	-.155	.118	.231	-.528	50	929	-.239	.139	.906	-.139	60	140	.216	.146	.809	-.202
50	638	-.169	.126	.238	-.600	50	930	-.169	.133	.669	-.224	60	141	.211	.147	.858	-.299
50	639	-.159	.114	.223	-.526	50	931	-.238	.127	.674	-.180	60	142	.171	.154	.660	-.330
50	640	-.174	.121	.247	-.672	50	932	-.229	.126	.755	-.174	60	143	.086	.140	.580	-.320
50	641	-.160	.120	.217	-.554	50	933	-.245	.129	.749	-.127	60	144	.027	.160	.669	-.487
50	642	-.163	.116	.253	-.612	50	934	-.239	.120	.654	-.186	60	145	.082	.167	.780	-.484
50	643	-.165	.114	.220	-.561	50	935	-.223	.130	.708	-.208	60	146	.026	.170	.767	-.570
50	644	-.170	.125	.210	-.689	50	936	-.223	.130	.666	-.241	60	147	.038	.142	.507	-.416
50	645	-.169	.110	.229	-.576	50	937	-.232	.127	.163	-.702	60	148	.041	.140	.509	-.463
50	646	-.161	.122	.253	-.622	50	938	-.198	.110	.243	-.645	60	149	.026	.129	.461	-.440
50	647	-.171	.112	.167	-.546	50	939	-.209	.120	.227	-.589	60	150	-.013	.111	.429	-.412
50	648	-.176	.111	.197	-.584	60	101	-.075	.141	.713	-.428	60	151	-.046	.120	.327	-.422
50	649	-.183	.116	.247	-.557	60	102	-.130	.142	.619	-.474	60	152	-.013	.141	.474	-.479
50	650	-.180	.115	.271	-.555	60	103	-.167	.155	.791	-.407	60	153	.097	.113	.556	-.259
50	651	-.165	.123	.213	-.568	60	104	-.141	.147	.672	-.349	60	154	.199	.141	.679	-.270
50	801	.024	.114	.387	-.353	60	105	.018	.173	.707	-.648	60	155	.211	.139	.663	-.208

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	156	.247	.137	.722	-.153	60	206	.216	.135	.829	-.163	60	256	.050	.122	.471	-.543
60	157	.243	.139	.768	-.257	60	207	.223	.138	.668	-.189	60	257	-.075	.126	.396	-.489
60	158	.274	.160	.965	-.168	60	208	.142	.145	.626	-.315	60	258	-.107	.126	.289	-.491
60	159	.235	.141	.817	-.277	60	209	.084	.159	.665	-.435	60	259	-.169	.119	.268	-.524
60	160	.202	.160	.722	-.234	60	210	-.067	.163	.491	-.687	60	260	.123	.112	.597	-.218
60	161	.173	.161	.685	-.382	60	211	-.069	.177	.566	-.697	60	261	.116	.121	.533	-.401
60	162	.034	.193	.740	-.612	60	212	.043	.137	.565	-.499	60	262	.121	.118	.500	-.226
60	163	.070	.203	.697	-.709	60	213	.026	.127	.491	-.362	60	263	.114	.130	.541	-.355
60	164	.118	.142	.662	-.401	60	214	-.048	.123	.503	-.456	60	264	.101	.132	.636	-.368
60	165	.071	.135	.494	-.358	60	215	.098	.122	.366	-.480	60	265	.013	.130	.540	-.403
60	166	.022	.129	.537	-.365	60	216	-.008	.146	.474	-.459	60	266	.005	.126	.509	-.373
60	167	-.052	.121	.359	-.461	60	217	.048	.135	.609	-.436	60	267	-.073	.124	.407	-.480
60	168	.016	.142	.482	-.510	60	218	.161	.120	.582	-.200	60	268	-.258	.126	.163	-.748
60	169	.091	.145	.549	-.361	60	219	.171	.128	.598	-.183	60	269	-.262	.127	.186	-.759
60	170	.202	.139	.760	-.247	60	220	.212	.130	.645	-.219	60	301	-.137	.123	.275	-.591
60	171	.208	.137	.728	-.219	60	221	.221	.130	.671	-.174	60	302	-.108	.139	.497	-.664
60	172	.235	.131	.703	-.117	60	222	.189	.124	.580	-.292	60	303	-.205	.193	.512	-1.016
60	173	.272	.146	.793	-.193	60	223	.165	.141	.774	-.329	60	304	-.283	.133	.172	-.696
60	174	.275	.159	.979	-.156	60	224	.084	.141	.680	-.329	60	305	-.226	.140	.397	-.800
60	175	.281	.151	.731	-.170	60	225	.018	.158	.597	-.579	60	306	-.287	.138	.285	-.779
60	176	.199	.149	.877	-.368	60	226	-.130	.168	.419	-.734	60	307	-.244	.145	.221	-.812
60	177	.158	.174	.734	-.331	60	227	-.118	.166	.469	-.711	60	308	-.230	.131	.185	-.795
60	178	.013	.182	.665	-.518	60	228	.018	.121	.384	-.476	60	309	-.283	.111	.061	-.687
60	179	.033	.221	.727	-.787	60	229	-.029	.119	.371	-.433	60	310	-.208	.132	.209	-.614
60	180	.077	.152	.540	-.679	60	230	-.080	.117	.307	-.565	60	311	-.173	.137	.391	-.790
60	181	.057	.139	.626	-.633	60	231	.117	.119	.277	-.568	60	312	-.238	.149	.502	-.694
60	182	-.008	.117	.343	-.408	60	232	-.030	.141	.477	-.602	60	313	-.229	.124	.136	-.682
60	183	.064	.121	.317	-.464	60	233	.018	.126	.421	-.394	60	314	-.234	.123	.108	-.680
60	184	.027	.159	.489	-.572	60	234	.152	.127	.592	-.242	60	315	-.127	.123	.392	-.570
60	185	.069	.143	.488	-.445	60	235	.196	.124	.633	-.235	60	316	-.108	.116	.297	-.578
60	186	.204	.133	.747	-.216	60	236	.215	.141	.667	-.295	60	317	-.092	.137	.403	-.606
60	187	.213	.143	.774	-.220	60	237	.230	.128	.726	-.213	60	318	-.165	.161	.306	-.858
60	188	.243	.134	.671	-.171	60	238	.214	.142	.730	-.345	60	319	-.249	.184	.279	-1.144
60	189	.258	.137	.791	-.120	60	239	.162	.132	.711	-.250	60	320	-.129	.109	.255	-.566
60	190	.231	.149	.750	-.281	60	240	.005	.127	.422	-.406	60	321	-.094	.120	.277	-.570
60	191	.243	.136	.680	-.191	60	241	-.023	.125	.450	-.515	60	322	-.081	.166	.399	-.741
60	192	.194	.157	.754	-.393	60	242	-.116	.124	.251	-.591	60	323	-.233	.197	.409	-.843
60	193	.119	.147	.608	-.371	60	243	.084	.131	.334	-.512	60	324	-.255	.198	.460	-1.159
60	194	.031	.175	.563	-.584	60	244	-.037	.126	.395	-.439	60	325	-.132	.121	.230	-.585
60	195	.011	.184	.656	-.645	60	245	.053	.113	.283	-.420	60	326	-.107	.118	.296	-.729
60	196	.069	.135	.514	-.370	60	246	-.106	.121	.304	-.529	60	327	-.085	.168	.349	-.845
60	197	.041	.133	.619	-.368	60	247	-.136	.115	.192	-.491	60	328	-.286	.187	.465	-.874
60	198	.021	.128	.429	-.401	60	248	.091	.133	.587	-.556	60	329	-.233	.190	.363	-.820
60	199	.075	.118	.274	-.478	60	249	.079	.130	.598	-.432	60	330	-.136	.115	.205	-.582
60	200	.017	.156	.553	-.512	60	250	.056	.125	.545	-.484	60	331	-.104	.131	.330	-.713
60	201	.083	.146	.579	-.433	60	251	.024	.134	.427	-.432	60	332	-.092	.180	.388	-.895
60	202	.175	.123	.838	-.207	60	252	.044	.123	.314	-.581	60	333	-.268	.193	.388	-.945
60	203	.200	.123	.820	-.265	60	253	.107	.117	.543	-.324	60	334	-.284	.190	.340	-.948
60	204	.228	.133	.715	-.150	60	254	.110	.119	.535	-.260	60	335	-.135	.113	.253	-.511
60	205	.227	.129	.782	-.273	60	255	.104	.128	.504	-.347	60	336	-.101	.114	.364	-.535

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	337	-.087	.170	.340	-.958	60	416	-.175	.117	.240	-.647	60	466	-.194	.108	.198	-.571
60	338	-.229	.191	.363	-.880	60	417	-.208	.133	.191	-.657	60	467	-.195	.120	.267	-.635
60	339	-.217	.183	.405	-.799	60	418	-.207	.132	.251	-.702	60	468	-.193	.118	.221	-.554
60	340	-.122	.122	.400	-.494	60	419	-.201	.121	.174	-.663	60	469	-.202	.110	.222	-.586
60	341	-.092	.123	.321	-.627	60	420	-.199	.121	.184	-.561	60	470	-.206	.123	.275	-.623
60	342	-.053	.138	.355	-.594	60	421	-.189	.113	.193	-.577	60	471	-.205	.126	.255	-.645
60	343	-.180	.161	.325	-.868	60	422	-.195	.121	.240	-.682	60	472	-.210	.117	.219	-.649
60	344	-.198	.169	.378	-.983	60	423	-.221	.130	.254	-.779	60	473	-.198	.125	.209	-.626
60	345	-.124	.110	.245	-.641	60	424	-.217	.116	.186	-.601	60	474	-.197	.121	.202	-.572
60	346	-.085	.116	.278	-.475	60	425	-.220	.119	.163	-.666	60	475	-.200	.120	.168	-.611
60	347	-.035	.120	.322	-.439	60	426	-.230	.123	.143	-.626	60	476	-.198	.133	.255	-.676
60	348	-.105	.145	.357	-.748	60	427	-.167	.121	.194	-.574	60	477	-.173	.118	.201	-.677
60	349	-.151	.168	.327	-.772	60	428	-.168	.115	.218	-.694	60	478	-.172	.119	.210	-.574
60	350	-.008	.120	.434	-.435	60	429	-.172	.113	.228	-.567	60	479	-.168	.121	.207	-.546
60	351	-.043	.126	.454	-.418	60	430	-.176	.126	.230	-.650	60	480	-.175	.121	.241	-.648
60	352	.067	.129	.459	-.533	60	431	-.178	.117	.207	-.701	60	481	-.189	.123	.239	-.588
60	353	.082	.131	.455	-.470	60	432	-.190	.119	.231	-.568	60	482	-.198	.130	.198	-.716
60	354	-.094	.135	.525	-.456	60	433	-.193	.121	.197	-.597	60	483	-.206	.115	.176	-.529
60	355	-.142	.126	.261	-.592	60	434	-.192	.118	.230	-.591	60	484	-.204	.129	.210	-.649
60	356	-.120	.131	.304	-.607	60	435	-.201	.124	.242	-.629	60	485	-.204	.131	.182	-.606
60	357	-.092	.143	.371	-.604	60	436	-.203	.129	.231	-.707	60	486	-.208	.121	.170	-.594
60	358	-.073	.134	.356	-.631	60	437	-.205	.116	.195	-.565	60	487	-.211	.123	.282	-.659
60	359	-.049	.124	.502	-.430	60	438	-.205	.129	.216	-.659	60	488	-.200	.116	.224	-.626
60	360	.109	.119	.611	-.279	60	439	-.208	.131	.169	-.623	60	489	-.206	.115	.148	-.595
60	361	.094	.122	.515	-.355	60	440	-.213	.118	.165	-.591	60	490	-.207	.110	.238	-.546
60	362	.097	.118	.513	-.302	60	441	-.211	.125	.261	-.680	60	491	-.195	.124	.212	-.614
60	363	-.222	.123	.176	-.667	60	442	-.196	.117	.227	-.650	60	492	-.200	.124	.241	-.665
60	364	.022	.121	.422	-.451	60	443	-.198	.114	.142	-.704	60	493	-.175	.110	.175	-.495
60	365	.083	.126	.527	-.317	60	444	-.196	.107	.237	-.537	60	494	-.182	.115	.287	-.543
60	366	.090	.122	.500	-.289	60	445	-.169	.109	.213	-.520	60	495	-.184	.116	.252	-.601
60	367	.118	.117	.500	-.375	60	446	-.170	.095	.132	-.467	60	496	-.185	.122	.267	-.698
60	368	.113	.120	.507	-.322	60	447	-.161	.096	.147	-.529	60	497	-.203	.123	.232	-.564
60	369	.116	.123	.555	-.259	60	448	-.176	.108	.177	-.538	60	498	-.209	.118	.155	-.584
60	370	.110	.118	.533	-.249	60	449	-.188	.119	.269	-.603	60	499	-.209	.115	.203	-.579
60	371	.118	.113	.522	-.240	60	450	-.184	.120	.269	-.657	60	500	-.207	.112	.168	-.584
60	401	-.224	.132	.146	-.878	60	451	-.196	.124	.272	-.586	60	501	-.210	.125	.211	-.756
60	402	-.210	.136	.245	-.734	60	452	-.200	.118	.142	-.555	60	502	-.205	.120	.270	-.678
60	403	-.198	.119	.208	-.688	60	453	-.203	.117	.193	-.609	60	503	-.206	.112	.135	-.587
60	404	-.186	.117	.231	-.576	60	454	-.205	.112	.185	-.603	60	504	-.207	.123	.199	-.540
60	405	-.197	.127	.240	-.622	60	455	-.208	.125	.212	-.742	60	505	-.199	.116	.171	-.569
60	406	-.197	.114	.177	-.599	60	456	-.201	.121	.261	-.665	60	506	-.207	.126	.206	-.659
60	407	-.194	.114	.207	-.583	60	457	-.200	.113	.168	-.592	60	507	-.205	.130	.215	-.639
60	408	-.250	.121	.174	-.706	60	458	-.194	.123	.190	-.551	60	508	-.204	.119	.220	-.792
60	409	-.232	.117	.248	-.601	60	459	-.184	.117	.184	-.580	60	509	-.199	.123	.261	-.646
60	410	-.220	.122	.190	-.610	60	460	-.188	.129	.286	-.632	60	510	-.208	.122	.200	-.599
60	411	-.227	.127	.196	-.786	60	461	-.179	.129	.232	-.628	60	511	-.198	.120	.287	-.672
60	412	-.228	.110	.153	-.568	60	462	-.170	.116	.262	-.631	60	512	-.211	.109	.150	-.621
60	413	-.211	.123	.274	-.629	60	463	-.171	.118	.287	-.531	60	513	-.206	.120	.200	-.633
60	414	-.212	.128	.225	-.662	60	464	-.181	.122	.204	-.606	60	514	-.211	.117	.197	-.561
60	415	-.181	.119	.307	-.561	60	465	-.184	.118	.312	-.623	60	515	-.208	.110	.200	-.569

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	516	- 213	123	200	- 627	60	604	- 302	127	167	- 787	60	803	- 231	124	124	- 634
60	517	- 208	125	244	- 655	60	605	- 278	129	144	- 693	60	804	- 182	129	277	- 636
60	518	- 216	116	208	- 672	60	606	- 251	119	106	- 650	60	805	- 212	120	220	- 624
60	519	- 202	121	208	- 584	60	607	- 266	127	074	- 746	60	806	- 242	138	290	- 708
60	520	- 206	119	164	- 655	60	608	- 209	120	181	- 686	60	807	- 134	127	423	- 582
60	521	- 215	120	152	- 614	60	609	- 199	120	259	- 675	60	901	- 203	127	214	- 659
60	522	- 210	128	234	- 643	60	610	- 185	117	225	- 567	60	902	- 186	135	264	- 764
60	523	- 205	119	223	- 756	60	611	- 172	132	239	- 681	60	903	- 212	118	184	- 582
60	524	- 201	119	217	- 558	60	612	- 172	133	245	- 576	60	904	- 249	127	119	- 771
60	525	- 210	121	179	- 648	60	613	- 179	122	289	- 598	60	905	- 111	142	405	- 652
60	526	- 205	122	228	- 659	60	614	- 179	130	329	- 595	60	906	- 130	133	393	- 534
60	527	- 211	123	269	- 621	60	615	- 183	122	248	- 737	60	907	- 199	122	239	- 590
60	528	- 211	130	193	- 687	60	616	- 170	122	211	- 654	60	908	- 242	128	186	- 787
60	529	- 212	112	164	- 554	60	617	- 170	114	267	- 534	60	909	- 304	139	151	- 814
60	530	- 212	130	191	- 651	60	618	- 170	117	227	- 560	60	910	- 217	122	192	- 763
60	531	- 206	131	208	- 587	60	619	- 181	122	245	- 626	60	911	- 219	135	429	- 695
60	532	- 209	119	179	- 546	60	620	- 172	112	178	- 657	60	912	- 198	127	248	- 612
60	533	- 211	124	293	- 630	60	621	- 167	115	206	- 570	60	913	- 205	130	234	- 618
60	534	- 201	116	215	- 598	60	622	- 167	117	278	- 587	60	914	- 205	135	257	- 736
60	535	- 207	114	127	- 624	60	623	- 165	118	225	- 620	60	915	- 235	142	260	- 730
60	536	- 209	110	220	- 526	60	624	- 176	122	292	- 564	60	916	- 208	129	206	- 655
60	537	- 201	123	203	- 607	60	625	- 185	121	142	- 642	60	917	- 230	132	224	- 645
60	538	- 205	123	238	- 674	60	626	- 164	119	283	- 567	60	918	- 229	128	200	- 850
60	539	- 195	112	164	- 511	60	627	- 168	109	240	- 502	60	919	- 255	122	136	- 636
60	540	- 206	119	190	- 567	60	628	- 170	127	222	- 670	60	920	- 288	133	176	- 811
60	541	- 205	121	198	- 602	60	629	- 177	116	233	- 660	60	921	- 144	131	335	- 558
60	542	- 205	117	198	- 627	60	630	- 174	113	195	- 547	60	922	- 257	131	189	- 705
60	543	- 201	112	138	- 571	60	631	- 167	122	246	- 485	60	923	- 310	149	305	- 814
60	544	- 211	131	186	- 649	60	632	- 165	114	166	- 547	60	924	- 187	134	823	- 203
60	545	- 205	121	193	- 584	60	633	- 180	123	272	- 600	60	925	- 230	133	656	- 257
60	546	- 220	119	135	- 632	60	634	- 189	128	236	- 630	60	926	- 274	138	943	- 137
60	547	- 215	124	151	- 647	60	635	- 181	116	237	- 651	60	927	- 262	145	775	- 257
60	548	- 208	126	220	- 611	60	636	- 186	119	221	- 626	60	928	- 265	142	882	- 193
60	549	- 206	106	194	- 528	60	637	- 198	120	186	- 594	60	929	- 221	136	748	- 244
60	550	- 212	090	116	- 465	60	638	- 195	117	286	- 644	60	930	- 172	142	855	- 240
60	551	- 208	104	069	- 561	60	639	- 210	110	138	- 599	60	931	- 251	137	802	- 160
60	552	- 207	116	209	- 613	60	640	- 199	116	184	- 606	60	932	- 237	131	772	- 211
60	553	- 205	108	137	- 611	60	641	- 196	117	206	- 567	60	933	- 240	130	824	- 121
60	554	- 209	119	123	- 598	60	642	- 191	109	227	- 534	60	934	- 222	128	837	- 150
60	555	- 204	119	214	- 605	60	643	- 206	119	171	- 571	60	935	- 215	124	610	- 166
60	556	- 206	110	169	- 663	60	644	- 205	125	227	- 653	60	936	- 197	119	661	- 190
60	557	- 209	118	163	- 646	60	645	- 216	115	215	- 636	60	937	- 248	130	212	- 646
60	558	- 198	117	152	- 566	60	646	- 202	110	233	- 585	60	938	- 221	128	190	- 855
60	559	- 208	109	220	- 569	60	647	- 201	100	155	- 563	60	939	- 215	122	143	- 620
60	560	- 184	117	243	- 616	60	648	- 217	120	175	- 595	70	101	- 112	145	713	- 369
60	561	- 232	123	191	- 699	60	649	- 225	118	233	- 665	70	102	- 139	144	666	- 361
60	562	- 271	125	271	- 670	60	650	- 209	113	188	- 579	70	103	- 133	141	609	- 344
60	601	- 212	116	254	- 654	60	651	- 209	129	240	- 624	70	104	- 070	141	607	- 376
60	602	- 241	135	188	- 789	60	801	- 021	115	416	- 349	70	105	- 091	185	728	- 836
60	603	- 260	132	220	- 727	60	802	- 245	129	132	- 665	70	106	- 064	140	423	- 548

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	107	- 118	132	302	- 577	70	157	239	145	736	- 207	70	207	180	144	759	- 256
70	108	- 223	155	482	- 760	70	158	235	158	803	- 186	70	208	065	129	593	- 335
70	109	- 129	151	391	- 604	70	159	212	160	740	- 252	70	209	- 024	145	504	- 459
70	110	- 138	154	465	- 576	70	160	130	162	811	- 335	70	210	- 207	172	407	- 739
70	111	- 211	148	488	- 683	70	161	066	177	670	- 472	70	211	- 201	174	398	- 730
70	112	- 129	146	438	- 736	70	162	- 126	181	487	- 679	70	212	- 051	133	425	- 674
70	113	- 213	135	251	- 674	70	163	- 108	199	639	- 862	70	213	- 061	127	308	- 518
70	114	- 279	140	248	- 736	70	164	016	154	533	- 558	70	214	- 093	122	342	- 597
70	115	- 244	141	613	- 740	70	165	002	132	461	- 399	70	215	- 133	119	239	- 577
70	116	- 306	134	094	- 881	70	166	- 063	115	332	- 487	70	216	- 048	136	463	- 388
70	117	- 014	141	543	- 469	70	167	- 117	127	326	- 499	70	217	- 118	134	638	- 330
70	118	019	138	528	- 521	70	168	056	153	502	- 487	70	218	- 193	129	708	- 174
70	119	026	140	573	- 411	70	169	153	141	747	- 241	70	219	- 201	131	599	- 262
70	120	025	153	610	- 454	70	170	222	132	926	- 197	70	220	- 209	130	738	- 235
70	121	068	145	580	- 377	70	171	240	145	760	- 197	70	221	- 203	133	711	- 215
70	122	040	145	592	- 401	70	172	267	143	790	- 158	70	222	- 166	129	643	- 267
70	123	020	146	688	- 500	70	173	260	140	676	- 247	70	223	- 131	131	588	- 336
70	124	- 022	153	462	- 462	70	174	213	145	854	- 250	70	224	- 040	142	505	- 367
70	125	- 186	148	349	- 831	70	175	207	150	796	- 240	70	225	- 060	140	378	- 492
70	126	- 156	138	408	- 666	70	176	103	150	613	- 381	70	226	- 206	135	239	- 663
70	127	- 197	134	284	- 724	70	177	031	154	547	- 452	70	227	- 208	154	316	- 768
70	128	- 264	140	156	- 862	70	178	137	177	444	- 671	70	228	- 072	141	358	- 566
70	129	- 248	132	294	- 712	70	179	- 166	192	435	- 806	70	229	- 077	123	311	- 479
70	130	- 241	132	223	- 669	70	180	005	137	492	- 562	70	230	- 107	118	281	- 503
70	131	- 269	132	118	- 829	70	181	- 025	130	379	- 604	70	231	- 152	115	308	- 539
70	132	- 249	133	182	- 708	70	182	- 066	128	395	- 441	70	232	- 016	126	478	- 406
70	133	- 225	122	158	- 594	70	183	- 113	124	258	- 519	70	233	- 057	129	502	- 347
70	134	- 008	150	497	- 581	70	184	029	145	536	- 469	70	234	- 172	116	593	- 182
70	135	- 015	159	560	- 443	70	185	150	134	599	- 247	70	235	- 218	129	726	- 143
70	136	037	149	604	- 420	70	186	222	144	707	- 221	70	236	- 225	136	700	- 193
70	137	132	153	786	- 374	70	187	231	145	757	- 240	70	237	- 229	134	700	- 193
70	138	161	143	667	- 263	70	188	240	128	813	- 171	70	238	- 166	136	681	- 297
70	139	185	146	759	- 215	70	189	252	143	825	- 172	70	239	- 130	133	617	- 308
70	140	178	157	748	- 263	70	190	209	146	740	- 198	70	240	- 030	117	372	- 432
70	141	175	168	832	- 303	70	191	212	146	720	- 235	70	241	- 087	134	367	- 532
70	142	121	144	645	- 288	70	192	087	148	607	- 433	70	242	- 194	142	255	- 795
70	143	040	142	544	- 357	70	193	004	157	530	- 611	70	243	- 157	133	230	- 657
70	144	022	161	559	- 503	70	194	- 168	173	679	- 813	70	244	- 086	116	295	- 486
70	145	- 009	158	648	- 438	70	195	- 163	190	467	- 799	70	245	- 097	119	322	- 671
70	146	- 123	158	349	- 749	70	196	- 037	149	467	- 779	70	246	- 134	114	228	- 489
70	147	- 073	154	397	- 640	70	197	- 043	131	402	- 656	70	247	- 167	116	227	- 603
70	148	- 040	135	503	- 521	70	198	085	115	280	- 459	70	248	- 102	144	501	- 440
70	149	- 052	128	433	- 447	70	199	- 122	120	313	- 648	70	249	- 077	129	460	- 396
70	150	- 077	114	292	- 515	70	200	054	140	518	- 392	70	250	- 047	138	478	- 506
70	151	- 099	121	289	- 539	70	201	- 121	137	568	- 350	70	251	- 021	127	425	- 393
70	152	- 085	138	648	- 357	70	202	- 193	129	664	- 191	70	252	- 078	131	410	- 519
70	153	- 151	119	562	- 179	70	203	- 216	124	646	- 261	70	253	- 115	128	570	- 285
70	154	- 213	136	715	- 228	70	204	- 247	136	697	- 131	70	254	- 113	119	542	- 279
70	155	- 234	148	720	- 209	70	205	- 218	135	649	- 209	70	255	- 086	117	443	- 313
70	156	- 211	141	734	- 198	70	206	- 198	129	852	- 229	70	256	- 024	129	489	- 451

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	257	- .114	.127	.376	- .533	70	338	- .124	.199	.482	- .731	70	417	- .229	.114	.166	- .628
70	258	- .147	.119	.225	- .542	70	339	- .095	.165	.425	- .838	70	418	- .229	.127	.168	- .583
70	259	- .191	.119	.209	- .619	70	340	- .110	.115	.274	- .456	70	419	- .213	.120	.168	- .564
70	260	- .121	.120	.523	- .255	70	341	- .061	.121	.359	- .465	70	420	- .218	.122	.201	- .627
70	261	- .131	.117	.536	- .260	70	342	- .003	.126	.454	- .471	70	421	- .205	.113	.172	- .589
70	262	- .097	.120	.666	- .321	70	343	- .118	.182	.601	- .749	70	422	- .212	.114	.125	- .659
70	263	- .092	.130	.578	- .318	70	344	- .100	.163	.403	- .626	70	423	- .222	.116	.171	- .627
70	264	- .052	.119	.455	- .298	70	345	- .117	.118	.295	- .602	70	424	- .222	.125	.127	- .703
70	265	- .032	.119	.414	- .377	70	346	- .066	.116	.359	- .459	70	425	- .217	.112	.196	- .638
70	266	- .044	.123	.304	- .469	70	347	- .009	.122	.374	- .383	70	426	- .221	.123	.235	- .649
70	267	- .131	.110	.267	- .516	70	348	- .063	.141	.401	- .539	70	427	- .196	.120	.207	- .581
70	268	- .269	.117	.146	- .645	70	349	- .080	.149	.320	- .634	70	428	- .190	.125	.240	- .609
70	269	- .289	.135	.125	- .730	70	350	- .012	.131	.428	- .615	70	429	- .189	.109	.173	- .500
70	301	- .116	.121	.300	- .545	70	351	- .062	.137	.583	- .388	70	430	- .198	.110	.164	- .548
70	302	- .048	.150	.451	- .591	70	352	- .096	.132	.585	- .370	70	431	- .204	.112	.147	- .664
70	303	- .116	.189	.494	- .807	70	353	- .102	.127	.537	- .306	70	432	- .199	.110	.179	- .529
70	304	- .301	.125	.080	- .728	70	354	- .125	.129	.511	- .342	70	433	- .207	.118	.107	- .563
70	305	- .221	.138	.346	- .695	70	355	- .130	.115	.251	- .556	70	434	- .211	.115	.209	- .608
70	306	- .293	.135	.209	- .872	70	356	- .104	.138	.358	- .594	70	435	- .214	.120	.159	- .596
70	307	- .251	.129	.175	- .773	70	357	- .054	.136	.514	- .483	70	436	- .213	.115	.188	- .581
70	308	- .260	.130	.182	- .715	70	358	- .044	.131	.390	- .525	70	437	- .209	.113	.132	- .608
70	309	- .340	.132	.009	- .914	70	359	- .074	.120	.444	- .412	70	438	- .208	.124	.207	- .623
70	310	- .206	.139	.407	- .695	70	360	- .119	.132	.622	- .285	70	439	- .227	.126	.188	- .603
70	311	- .137	.132	.366	- .578	70	361	- .121	.119	.531	- .316	70	440	- .234	.119	.170	- .667
70	312	- .198	.164	.335	- .766	70	362	- .109	.127	.720	- .326	70	441	- .229	.119	.306	- .618
70	313	- .267	.127	.144	- .718	70	363	- .235	.131	.251	- .681	70	442	- .222	.128	.177	- .714
70	314	- .267	.132	.129	- .754	70	364	- .049	.123	.595	- .340	70	443	- .217	.107	.094	- .626
70	315	- .121	.123	.288	- .540	70	365	- .095	.125	.500	- .347	70	444	- .205	.110	.144	- .517
70	316	- .078	.124	.337	- .557	70	366	- .107	.124	.524	- .331	70	445	- .181	.117	.223	- .554
70	317	- .050	.131	.398	- .598	70	367	- .131	.114	.513	- .282	70	446	- .188	.091	.104	- .515
70	318	- .095	.154	.339	- .696	70	368	- .119	.110	.539	- .215	70	447	- .185	.102	.121	- .509
70	319	- .154	.186	.494	- .945	70	369	- .128	.117	.518	- .265	70	448	- .192	.116	.218	- .542
70	320	- .109	.123	.294	- .623	70	370	- .141	.117	.518	- .226	70	449	- .203	.119	.163	- .591
70	321	- .058	.132	.485	- .534	70	371	- .127	.119	.544	- .295	70	450	- .206	.119	.171	- .581
70	322	- .000	.134	.543	- .462	70	401	- .222	.120	.152	- .720	70	451	- .208	.122	.253	- .584
70	323	- .120	.199	.571	- .699	70	402	- .204	.114	.160	- .555	70	452	- .204	.117	.235	- .578
70	324	- .134	.198	.582	- .758	70	403	- .193	.113	.201	- .542	70	453	- .212	.107	.168	- .520
70	325	- .140	.120	.281	- .533	70	404	- .194	.125	.235	- .575	70	454	- .221	.123	.115	- .704
70	326	- .065	.126	.329	- .641	70	405	- .221	.124	.209	- .671	70	455	- .219	.112	.156	- .570
70	327	- .013	.131	.461	- .547	70	406	- .201	.125	.178	- .634	70	456	- .223	.111	.101	- .623
70	328	- .140	.219	.610	- .868	70	407	- .210	.122	.194	- .652	70	457	- .219	.112	.172	- .636
70	329	- .128	.196	.458	- .787	70	408	- .256	.118	.179	- .652	70	458	- .222	.123	.174	- .643
70	330	- .127	.111	.233	- .542	70	409	- .257	.121	.131	- .631	70	459	- .199	.119	.212	- .532
70	331	- .076	.118	.311	- .492	70	410	- .237	.123	.146	- .696	70	460	- .204	.123	.183	- .532
70	332	- .003	.141	.509	- .593	70	411	- .225	.125	.218	- .643	70	461	- .192	.112	.154	- .559
70	333	- .116	.193	.467	- .866	70	412	- .235	.124	.127	- .870	70	462	- .187	.111	.194	- .582
70	334	- .125	.207	.592	- .830	70	413	- .207	.124	.197	- .621	70	463	- .185	.111	.178	- .555
70	335	- .134	.113	.287	- .610	70	414	- .217	.122	.196	- .813	70	464	- .190	.115	.198	- .593
70	336	- .074	.106	.289	- .423	70	415	- .195	.114	.185	- .565	70	465	- .196	.119	.215	- .616
70	337	- .007	.143	.470	- .515	70	416	- .197	.115	.216	- .575	70	466	- .217	.118	.118	- .654

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	467	- .214	.121	.201	- .578	70	517	- .228	.117	.149	- .659	70	605	- .258	.123	.131	- .677
70	468	- .222	.119	.153	- .598	70	518	- .224	.120	.151	- .638	70	606	- .262	.122	.150	- .726
70	469	- .235	.117	.137	- .611	70	519	- .232	.115	.187	- .619	70	607	- .273	.132	.136	- .698
70	470	- .226	.109	.171	- .604	70	520	- .218	.122	.218	- .632	70	608	- .202	.111	.174	- .575
70	471	- .227	.118	.140	- .664	70	521	- .221	.111	.158	- .533	70	609	- .194	.109	.194	- .514
70	472	- .223	.123	.153	- .628	70	522	- .221	.115	.152	- .637	70	610	- .192	.119	.154	- .576
70	473	- .233	.119	.203	- .750	70	523	- .222	.115	.140	- .773	70	611	- .174	.126	.261	- .602
70	474	- .212	.125	.258	- .617	70	524	- .209	.111	.178	- .601	70	612	- .180	.122	.175	- .564
70	475	- .211	.112	.195	- .594	70	525	- .222	.123	.130	- .584	70	613	- .188	.122	.228	- .558
70	476	- .211	.117	.171	- .663	70	526	- .228	.112	.122	- .580	70	614	- .189	.123	.223	- .669
70	477	- .193	.114	.125	- .715	70	527	- .230	.123	.158	- .626	70	615	- .198	.127	.184	- .631
70	478	- .184	.111	.204	- .553	70	528	- .227	.112	.184	- .604	70	616	- .178	.109	.153	- .590
70	479	- .186	.123	.172	- .561	70	529	- .224	.111	.130	- .646	70	617	- .176	.113	.209	- .512
70	480	- .193	.114	.189	- .591	70	530	- .216	.125	.238	- .620	70	618	- .176	.125	.275	- .580
70	481	- .212	.125	.177	- .620	70	531	- .221	.122	.217	- .602	70	619	- .188	.116	.212	- .599
70	482	- .218	.115	.181	- .596	70	532	- .223	.117	.176	- .620	70	620	- .190	.116	.166	- .555
70	483	- .218	.114	.160	- .632	70	533	- .220	.117	.209	- .623	70	621	- .182	.120	.242	- .577
70	484	- .212	.125	.253	- .631	70	534	- .219	.126	.149	- .679	70	622	- .181	.114	.180	- .578
70	485	- .220	.123	.191	- .598	70	535	- .222	.110	.086	- .629	70	623	- .184	.114	.186	- .567
70	486	- .227	.119	.178	- .628	70	536	- .213	.111	.158	- .518	70	624	- .198	.118	.238	- .570
70	487	- .222	.117	.203	- .649	70	537	- .215	.122	.284	- .578	70	625	- .187	.115	.222	- .572
70	488	- .222	.128	.168	- .719	70	538	- .223	.115	.184	- .622	70	626	- .184	.110	.225	- .535
70	489	- .223	.109	.096	- .642	70	539	- .212	.116	.160	- .620	70	627	- .180	.117	.200	- .579
70	490	- .212	.113	.169	- .529	70	540	- .219	.124	.230	- .587	70	628	- .182	.109	.156	- .515
70	491	- .212	.124	.280	- .588	70	541	- .219	.112	.201	- .573	70	629	- .192	.112	.158	- .612
70	492	- .218	.116	.197	- .620	70	542	- .218	.113	.165	- .561	70	630	- .189	.109	.165	- .527
70	493	- .199	.118	.207	- .608	70	543	- .218	.104	.140	- .563	70	631	- .193	.124	.198	- .572
70	494	- .203	.123	.220	- .626	70	544	- .228	.113	.127	- .625	70	632	- .183	.115	.189	- .541
70	495	- .194	.118	.191	- .638	70	545	- .224	.115	.155	- .600	70	633	- .191	.125	.177	- .538
70	496	- .204	.118	.164	- .662	70	546	- .226	.125	.168	- .584	70	634	- .200	.115	.198	- .615
70	497	- .218	.121	.250	- .616	70	547	- .228	.124	.246	- .659	70	635	- .197	.111	.210	- .748
70	498	- .217	.116	.184	- .589	70	548	- .216	.111	.219	- .581	70	636	- .205	.115	.170	- .618
70	499	- .221	.108	.175	- .559	70	549	- .228	.101	.106	- .531	70	637	- .209	.113	.168	- .639
70	500	- .222	.122	.136	- .686	70	550	- .225	.080	.026	- .456	70	638	- .208	.118	.182	- .648
70	501	- .219	.108	.143	- .565	70	551	- .216	.106	.130	- .638	70	639	- .223	.118	.106	- .663
70	502	- .225	.111	.082	- .673	70	552	- .231	.115	.150	- .697	70	640	- .216	.120	.200	- .563
70	503	- .222	.111	.145	- .625	70	553	- .234	.115	.173	- .581	70	641	- .222	.116	.146	- .630
70	504	- .230	.123	.161	- .638	70	554	- .218	.114	.174	- .594	70	642	- .230	.117	.147	- .659
70	505	- .214	.118	.167	- .556	70	555	- .228	.119	.237	- .599	70	643	- .220	.107	.143	- .594
70	506	- .224	.125	.187	- .578	70	556	- .222	.112	.077	- .611	70	644	- .230	.119	.143	- .706
70	507	- .216	.114	.166	- .560	70	557	- .219	.112	.141	- .608	70	645	- .229	.121	.150	- .620
70	508	- .214	.114	.167	- .574	70	558	- .217	.110	.154	- .653	70	646	- .214	.116	.224	- .608
70	509	- .216	.119	.179	- .670	70	559	- .223	.127	.225	- .605	70	647	- .214	.100	.099	- .600
70	510	- .216	.116	.163	- .659	70	560	- .196	.119	.344	- .551	70	648	- .222	.111	.155	- .576
70	511	- .208	.122	.185	- .623	70	561	- .255	.119	.187	- .645	70	649	- .227	.113	.152	- .557
70	512	- .223	.119	.119	- .650	70	562	- .284	.120	.099	- .688	70	650	- .221	.108	.166	- .610
70	513	- .221	.120	.185	- .590	70	601	- .234	.131	.171	- .834	70	651	- .219	.112	.123	- .627
70	514	- .235	.117	.131	- .623	70	602	- .247	.129	.232	- .661	70	801	- .027	.111	.352	- .343
70	515	- .242	.117	.137	- .644	70	603	- .237	.132	.245	- .667	70	802	- .263	.130	.166	- .666
70	516	- .227	.112	.170	- .622	70	604	- .322	.138	.170	- .776	70	803	- .236	.123	.256	- .666

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	804	- .192	.115	.283	-.539	80	108	-.240	.169	.333	-.718	80	158	.177	.166	.941	-.304
70	805	-.242	.114	.114	-.601	80	109	-.140	.151	.393	-.614	80	159	.155	.148	.689	-.269
70	806	-.287	.129	.194	-.695	80	110	-.149	.163	.459	-.686	80	160	.032	.146	.654	-.367
70	807	-.186	.131	.331	-.733	80	111	-.240	.149	.307	-.688	80	161	-.046	.160	.577	-.537
70	901	-.230	.124	.187	-.610	80	112	-.174	.138	.300	-.683	80	162	-.263	.167	.212	-.956
70	902	-.202	.138	.261	-.698	80	113	-.248	.130	.148	-.674	80	163	-.286	.183	.423	-.851
70	903	-.245	.121	.174	-.623	80	114	-.303	.141	.375	-.801	80	164	-.095	.163	.407	-.698
70	904	-.237	.120	.165	-.643	80	115	-.260	.133	.248	-.699	80	165	-.083	.129	.322	-.748
70	905	-.166	.142	.365	-.620	80	116	-.317	.133	.114	-.863	80	166	-.112	.125	.308	-.605
70	906	-.184	.120	.286	-.592	80	117	-.008	.148	.543	-.443	80	167	-.148	.120	.223	-.554
70	907	-.237	.129	.268	-.641	80	118	-.038	.148	.517	-.482	80	168	-.127	.154	.722	-.318
70	908	-.251	.129	.108	-.651	80	119	-.020	.139	.589	-.398	80	169	-.198	.135	.716	-.256
70	909	-.314	.133	.128	-.763	80	120	-.030	.144	.495	-.428	80	170	.267	.138	.803	-.173
70	910	-.243	.120	.150	-.669	80	121	-.048	.150	.684	-.732	80	171	.267	.139	.733	-.230
70	911	-.258	.131	.248	-.687	80	122	-.014	.148	.642	-.432	80	172	.251	.141	.799	-.184
70	912	-.231	.123	.185	-.634	80	123	-.009	.136	.493	-.443	80	173	.230	.150	.771	-.332
70	913	-.236	.119	.115	-.678	80	124	-.071	.136	.436	-.472	80	174	.202	.160	.933	-.264
70	914	-.204	.132	.257	-.691	80	125	-.248	.149	.288	-.785	80	175	.161	.157	.784	-.245
70	915	-.230	.127	.193	-.665	80	126	-.193	.124	.210	-.550	80	176	.028	.141	.509	-.403
70	916	-.252	.120	.170	-.678	80	127	-.228	.137	.235	-.738	80	177	-.078	.157	.407	-.625
70	917	-.244	.130	.108	-.740	80	128	-.250	.128	.159	-.656	80	178	-.319	.190	.306	-.989
70	918	-.267	.136	.113	-.745	80	129	-.241	.126	.165	-.703	80	179	-.296	.173	.413	-.855
70	919	-.272	.143	.223	-.766	80	130	-.251	.134	.245	-.708	80	180	-.150	.198	.443	-.1257
70	920	-.304	.135	.239	-.738	80	131	-.256	.128	.177	-.686	80	181	-.099	.145	.506	-.649
70	921	-.146	.136	.396	-.649	80	132	-.249	.132	.207	-.765	80	182	-.119	.127	.267	-.595
70	922	-.267	.127	.212	-.681	80	133	-.251	.123	.117	-.655	80	183	-.147	.129	.283	-.573
70	923	-.271	.140	.149	-.766	80	134	-.046	.163	.623	-.406	80	184	.147	.150	.801	-.471
70	924	-.197	.149	.878	-.232	80	135	-.005	.172	.587	-.546	80	185	.205	.153	.946	-.277
70	925	.245	.137	.782	-.238	80	136	-.066	.157	.680	-.458	80	186	.243	.139	.700	-.189
70	926	.219	.132	.779	-.262	80	137	-.117	.173	.868	-.421	80	187	.261	.144	.834	-.197
70	927	.248	.153	.856	-.205	80	138	-.196	.165	.931	-.258	80	188	.250	.139	.735	-.278
70	928	.220	.127	.667	-.257	80	139	-.176	.164	.811	-.322	80	189	.233	.148	.829	-.305
70	929	.200	.134	.635	-.187	80	140	-.152	.153	.698	-.279	80	190	.173	.139	.751	-.278
70	930	.141	.135	.566	-.276	80	141	-.160	.159	.626	-.335	80	191	.140	.141	.669	-.327
70	931	.215	.121	.661	-.142	80	142	-.078	.145	.687	-.461	80	192	-.010	.138	.610	-.527
70	932	.213	.122	.711	-.157	80	143	-.002	.143	.444	-.432	80	193	-.099	.155	.327	-.625
70	933	.202	.123	.694	-.235	80	144	-.068	.148	.448	-.649	80	194	-.340	.178	.287	-.071
70	934	.217	.126	.771	-.172	80	145	-.093	.144	.464	-.649	80	195	-.306	.174	.297	-.973
70	935	.197	.132	.736	-.254	80	146	-.284	.174	.293	-.121	80	196	-.153	.191	.342	-.887
70	936	.184	.120	.585	-.297	80	147	-.164	.151	.381	-.675	80	197	-.110	.135	.273	-.751
70	937	-.271	.121	.081	-.653	80	148	-.124	.135	.322	-.658	80	198	-.129	.121	.292	-.609
70	938	-.238	.125	.158	-.784	80	149	-.115	.122	.260	-.550	80	199	-.157	.114	.246	-.554
70	939	-.226	.115	.146	-.698	80	150	-.131	.129	.265	-.554	80	200	-.130	.153	.634	-.403
80	101	-.127	.139	.696	-.298	80	151	-.145	.117	.254	-.563	80	201	.181	.140	.847	-.206
80	102	-.135	.153	.691	-.352	80	152	-.162	.144	.829	-.312	80	202	.219	.135	.703	-.249
80	103	-.134	.152	.687	-.419	80	153	-.205	.128	.670	-.123	80	203	.230	.134	.861	-.260
80	104	-.051	.146	.605	-.363	80	154	-.236	.132	.825	-.136	80	204	.235	.136	.700	-.205
80	105	-.195	.159	.453	-.866	80	155	-.234	.144	.849	-.162	80	205	.219	.136	.712	-.195
80	106	-.116	.151	.450	-.664	80	156	-.236	.154	.880	-.332	80	206	.167	.137	.670	-.278
80	107	-.168	.127	.274	-.558	80	157	-.212	.163	.962	-.245	80	207	.138	.144	.675	-.343

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	208	- .005	.142	.522	- .588	80	258	- .174	.115	.168	- .508	80	339	- .008	.164	.509	- .575
80	209	- .112	.138	.430	- .615	80	259	- .209	.123	.172	- .593	80	340	- .095	.118	.290	- .541
80	210	- .312	.166	.224	- .878	80	260	- .112	.116	.641	- .229	80	341	- .026	.120	.378	- .416
80	211	- .298	.171	.303	- 1.012	80	261	- .106	.124	.326	- .266	80	342	- .043	.124	.459	- .398
80	212	- .136	.156	.320	- .681	80	262	- .093	.128	.536	- .358	80	343	- .007	.179	.519	- .694
80	213	- .109	.134	.269	- .655	80	263	- .074	.120	.426	- .330	80	344	- .029	.166	.410	- .604
80	214	- .131	.127	.308	- .573	80	264	- .024	.118	.476	- .335	80	345	- .113	.113	.290	- .566
80	215	- .161	.122	.252	- .582	80	265	- .073	.126	.346	- .574	80	346	- .054	.112	.339	- .419
80	216	- .115	.135	.584	- .388	80	266	- .094	.117	.335	- .445	80	347	- .016	.125	.472	- .392
80	217	- .162	.131	.661	- .286	80	267	- .169	.114	.209	- .577	80	348	- .016	.140	.348	- .472
80	218	- .219	.128	.632	- .238	80	268	- .291	.125	.067	- .755	80	349	- .034	.146	.544	- .450
80	219	- .207	.134	.672	- .320	80	269	- .295	.131	.105	- .724	80	350	- .002	.142	.555	- .456
80	220	- .210	.142	.714	- .182	80	301	- .086	.143	.431	- .505	80	351	- .058	.135	.548	- .527
80	221	- .191	.133	.723	- .207	80	302	- .020	.148	.482	- .541	80	352	- .104	.128	.465	- .388
80	222	- .151	.132	.579	- .198	80	303	- .007	.186	.641	- .597	80	353	- .114	.122	.495	- .317
80	223	- .120	.134	.596	- .275	80	304	- .312	.135	.209	- .794	80	354	- .122	.126	.527	- .372
80	224	- .022	.153	.512	- .503	80	305	- .212	.153	.314	- .659	80	355	- .123	.117	.230	- .547
80	225	- .105	.132	.356	- .520	80	306	- .300	.149	.224	- .959	80	356	- .082	.120	.291	- .527
80	226	- .324	.163	.159	- .869	80	307	- .240	.146	.288	- .693	80	357	- .015	.125	.384	- .441
80	227	- .295	.170	.334	- .867	80	308	- .267	.136	.154	- .856	80	358	- .001	.131	.407	- .441
80	228	- .162	.153	.314	- .740	80	309	- .379	.150	.064	- .800	80	359	- .087	.129	.475	- .385
80	229	- .115	.132	.337	- .537	80	310	- .186	.143	.324	- .691	80	360	- .124	.112	.482	- .216
80	230	- .155	.124	.401	- .571	80	311	- .125	.154	.494	- .728	80	361	- .123	.121	.545	- .239
80	231	- .191	.128	.258	- .633	80	312	- .126	.189	.550	- .854	80	362	- .110	.127	.543	- .329
80	232	- .053	.124	.439	- .419	80	313	- .281	.134	.147	- .702	80	363	- .225	.124	.140	- .647
80	233	- .090	.122	.611	- .266	80	314	- .318	.142	.106	- 1.023	80	364	- .082	.132	.626	- .284
80	234	- .206	.131	.661	- .280	80	315	- .088	.130	.422	- .575	80	365	- .118	.135	.576	- .362
80	235	- .228	.137	.703	- .170	80	316	- .049	.136	.442	- .472	80	366	- .134	.122	.623	- .262
80	236	- .219	.124	.661	- .215	80	317	- .025	.135	.487	- .571	80	367	- .141	.118	.553	- .231
80	237	- .186	.129	.616	- .232	80	318	- .006	.156	.431	- .655	80	368	- .137	.119	.523	- .232
80	238	- .132	.130	.602	- .281	80	319	- .008	.169	.476	- .549	80	369	- .138	.131	.598	- .266
80	239	- .109	.138	.661	- .356	80	320	- .081	.131	.375	- .499	80	370	- .132	.119	.547	- .262
80	240	- .083	.128	.373	- .534	80	321	- .013	.132	.502	- .531	80	371	- .122	.117	.500	- .251
80	241	- .137	.130	.576	- .520	80	322	- .067	.135	.637	- .402	80	401	- .225	.127	.256	- .669
80	242	- .280	.166	.208	- .850	80	323	- .027	.192	.682	- .788	80	402	- .215	.122	.217	- .732
80	243	- .236	.135	.137	- .709	80	324	- .005	.213	.705	- .883	80	403	- .195	.134	.209	- .624
80	244	- .130	.122	.281	- .553	80	325	- .097	.128	.327	- .564	80	404	- .214	.122	.293	- .671
80	245	- .137	.115	.274	- .567	80	326	- .022	.126	.530	- .450	80	405	- .227	.123	.217	- .666
80	246	- .163	.122	.230	- .619	80	327	- .062	.131	.533	- .386	80	406	- .214	.128	.176	- .624
80	247	- .181	.129	.224	- .605	80	328	- .002	.197	.515	- .930	80	407	- .215	.133	.206	- .720
80	248	- .093	.149	.582	- .466	80	329	- .007	.187	.552	- .638	80	408	- .276	.128	.089	- .744
80	249	- .054	.155	.564	- .690	80	330	- .107	.124	.297	- .546	80	409	- .263	.124	.176	- .711
80	250	- .021	.147	.534	- .446	80	331	- .036	.118	.401	- .467	80	410	- .250	.129	.205	- .639
80	251	- .010	.125	.425	- .461	80	332	- .060	.136	.549	- .418	80	411	- .242	.125	.147	- .774
80	252	- .094	.130	.348	- .554	80	333	- .008	.179	.529	- .601	80	412	- .236	.125	.173	- .657
80	253	- .119	.121	.549	- .226	80	334	- .001	.185	.593	- .648	80	413	- .232	.129	.166	- .654
80	254	- .109	.125	.533	- .284	80	335	- .097	.125	.473	- .463	80	414	- .226	.122	.187	- .615
80	255	- .060	.127	.456	- .343	80	336	- .045	.123	.410	- .530	80	415	- .210	.119	.214	- .558
80	256	- .005	.136	.400	- .482	80	337	- .061	.132	.489	- .435	80	416	- .221	.124	.257	- .659
80	257	- .154	.124	.253	- .585	80	338	- .020	.186	.512	- .632	80	417	- .241	.120	.203	- .662

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	418	- .243	.117	.152	-.620	80	468	-.235	.123	.199	-.621	80	518	-.232	.124	.158	-.664
80	419	-.227	.118	.166	-.597	80	469	-.240	.115	.129	-.624	80	519	-.239	.115	.164	-.671
80	420	-.222	.119	.247	-.626	80	470	-.237	.120	.116	-.618	80	520	-.240	.116	.255	-.629
80	421	-.208	.118	.197	-.608	80	471	-.234	.115	.213	-.657	80	521	-.228	.133	.228	-.637
80	422	-.233	.123	.173	-.627	80	472	-.227	.128	.189	-.624	80	522	-.234	.123	.228	-.689
80	423	-.233	.127	.134	-.716	80	473	-.234	.118	.178	-.652	80	523	-.234	.121	.298	-.657
80	424	-.241	.121	.197	-.783	80	474	-.229	.118	.258	-.617	80	524	-.232	.120	.098	-.644
80	425	-.240	.132	.167	-.722	80	475	-.209	.136	.255	-.631	80	525	-.255	.114	.150	-.684
80	426	-.250	.127	.140	-.696	80	476	-.215	.124	.231	-.654	80	526	-.236	.112	.144	-.626
80	427	-.208	.116	.218	-.642	80	477	-.200	.121	.273	-.593	80	527	-.233	.118	.147	-.617
80	428	-.208	.122	.282	-.632	80	478	-.198	.120	.132	-.601	80	528	-.245	.109	.159	-.638
80	429	-.194	.133	.227	-.632	80	479	-.202	.115	.172	-.612	80	529	-.251	.118	.255	-.620
80	430	-.212	.120	.221	-.683	80	480	-.199	.112	.153	-.599	80	530	-.241	.118	.119	-.595
80	431	-.219	.121	.266	-.678	80	481	-.214	.121	.169	-.613	80	531	-.244	.113	.118	-.609
80	432	-.225	.119	.121	-.675	80	482	-.235	.111	.185	-.676	80	532	-.241	.122	.161	-.692
80	433	-.229	.113	.099	-.635	80	483	-.240	.120	.222	-.648	80	533	-.237	.125	.170	-.686
80	434	-.210	.113	.150	-.553	80	484	-.234	.118	.121	-.610	80	534	-.237	.122	.198	-.715
80	435	-.210	.119	.214	-.582	80	485	-.239	.115	.129	-.598	80	535	-.239	.121	.173	-.618
80	436	-.223	.109	.166	-.632	80	486	-.243	.123	.158	-.699	80	536	-.242	.122	.144	-.631
80	437	-.236	.125	.242	-.719	80	487	-.240	.125	.200	-.671	80	537	-.239	.127	.156	-.758
80	438	-.242	.122	.147	-.599	80	488	-.239	.122	.188	-.701	80	538	-.233	.126	.190	-.643
80	439	-.257	.123	.115	-.757	80	489	-.241	.121	.146	-.596	80	539	-.228	.122	.155	-.723
80	440	-.264	.127	.109	-.669	80	490	-.242	.122	.127	-.609	80	540	-.226	.120	.155	-.735
80	441	-.251	.129	.219	-.751	80	491	-.232	.126	.183	-.705	80	541	-.229	.122	.174	-.630
80	442	-.241	.120	.157	-.703	80	492	-.223	.127	.202	-.634	80	542	-.235	.125	.164	-.688
80	443	-.234	.117	.103	-.602	80	493	-.207	.120	.180	-.726	80	543	-.238	.121	.222	-.600
80	444	-.235	.119	.121	-.590	80	494	-.208	.118	.166	-.740	80	544	-.238	.125	.207	-.756
80	445	-.207	.118	.192	-.580	80	495	-.212	.117	.195	-.648	80	545	-.226	.116	.150	-.668
80	446	-.204	.104	.109	-.562	80	496	-.215	.132	.298	-.674	80	546	-.233	.118	.121	-.610
80	447	-.196	.107	.172	-.689	80	497	-.230	.117	.147	-.592	80	547	-.233	.120	.217	-.672
80	448	-.198	.116	.164	-.671	80	498	-.242	.119	.165	-.731	80	548	-.237	.125	.175	-.693
80	449	-.210	.117	.191	-.623	80	499	-.250	.125	.135	-.695	80	549	-.238	.109	.149	-.607
80	450	-.223	.138	.286	-.747	80	500	-.246	.119	.158	-.763	80	550	-.236	.091	.063	-.511
80	451	-.221	.116	.157	-.634	80	501	-.241	.120	.112	-.635	80	551	-.233	.110	.178	-.659
80	452	-.227	.120	.180	-.703	80	502	-.246	.117	.116	-.574	80	552	-.239	.101	.120	-.583
80	453	-.238	.128	.172	-.708	80	503	-.229	.118	.205	-.618	80	553	-.243	.118	.118	-.646
80	454	-.243	.117	.182	-.740	80	504	-.241	.122	.210	-.658	80	554	-.232	.112	.118	-.652
80	455	-.244	.123	.121	-.649	80	505	-.236	.114	.165	-.621	80	555	-.236	.117	.162	-.680
80	456	-.249	.119	.132	-.557	80	506	-.242	.114	.162	-.632	80	556	-.239	.109	.102	-.607
80	457	-.225	.117	.185	-.585	80	507	-.229	.122	.261	-.644	80	557	-.246	.117	.184	-.648
80	458	-.228	.122	.172	-.618	80	508	-.231	.120	.236	-.663	80	558	-.231	.115	.116	-.634
80	459	-.213	.115	.213	-.624	80	509	-.227	.120	.210	-.614	80	559	-.230	.118	.150	-.631
80	460	-.215	.115	.166	-.606	80	510	-.226	.117	.184	-.614	80	560	-.202	.121	.167	-.617
80	461	-.195	.120	.211	-.617	80	511	-.230	.128	.144	-.686	80	561	-.279	.120	.142	-.652
80	462	-.202	.120	.264	-.627	80	512	-.231	.122	.188	-.623	80	562	-.318	.124	.055	-.792
80	463	-.187	.115	.205	-.559	80	513	-.242	.119	.156	-.628	80	601	-.241	.128	.160	-.665
80	464	-.200	.112	.182	-.518	80	514	-.252	.124	.187	-.649	80	602	-.250	.126	.275	-.734
80	465	-.218	.126	.152	-.623	80	515	-.254	.116	.102	-.652	80	603	-.242	.136	.194	-.725
80	466	-.220	.120	.174	-.615	80	516	-.244	.124	.122	-.681	80	604	-.299	.136	.118	-.826
80	467	-.229	.120	.178	-.648	80	517	-.242	.111	.178	-.657	80	605	-.266	.126	.283	-.648

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	606	-.273	.133	.178	-.789	80	805	-.252	.118	.106	-.640	90	109	-.136	.143	.402	-.696
80	607	-.285	.127	.262	-.690	80	806	-.300	.134	.162	-.783	90	110	-.161	.134	.322	-.619
80	608	-.218	.120	.139	-.638	80	807	-.218	.125	.175	-.690	90	111	-.240	.143	.204	-.732
80	609	-.208	.114	.129	-.571	80	901	-.217	.123	.233	-.635	90	112	-.192	.127	.331	-.837
80	610	-.200	.121	.183	-.565	80	902	-.192	.135	.327	-.728	90	113	-.252	.127	.168	-.693
80	611	-.192	.118	.182	-.593	80	903	-.248	.133	.148	-.701	90	114	-.303	.135	.227	-.754
80	612	-.197	.117	.166	-.573	80	904	-.250	.123	.141	-.709	90	115	-.267	.137	.328	-.802
80	613	-.200	.126	.161	-.587	80	905	-.198	.130	.303	-.677	90	116	-.308	.131	.144	-.757
80	614	-.206	.128	.193	-.632	80	906	-.219	.117	.206	-.650	90	117	.047	.143	.567	-.414
80	615	-.202	.114	.194	-.594	80	907	-.266	.137	.132	-.668	90	118	.033	.149	.555	-.416
80	616	-.197	.121	.211	-.570	80	908	-.268	.124	.159	-.731	90	119	.016	.139	.487	-.371
80	617	-.200	.121	.169	-.692	80	909	-.338	.145	.186	-.832	90	120	.015	.145	.691	-.572
80	618	-.204	.125	.187	-.609	80	910	-.247	.124	.142	-.691	90	121	.021	.153	.526	-.433
80	619	-.205	.132	.220	-.678	80	911	-.280	.139	.282	-.853	90	122	.002	.134	.592	-.444
80	620	-.200	.122	.182	-.788	80	912	-.246	.128	.129	-.627	90	123	-.046	.137	.484	-.463
80	621	-.181	.117	.205	-.660	80	913	-.244	.125	.139	-.689	90	124	-.108	.131	.352	-.666
80	622	-.189	.114	.186	-.616	80	914	-.209	.124	.128	-.647	90	125	-.284	.140	.199	-.841
80	623	-.189	.127	.253	-.645	80	915	-.238	.125	.173	-.705	90	126	-.221	.122	.255	-.601
80	624	-.193	.116	.242	-.556	80	916	-.290	.137	.192	-.783	90	127	-.232	.129	.209	-.662
80	625	-.197	.118	.222	-.619	80	917	-.274	.129	.135	-.714	90	128	-.244	.132	.252	-.740
80	626	-.186	.125	.245	-.602	80	918	-.318	.140	.188	-.981	90	129	-.246	.130	.169	-.700
80	627	-.191	.114	.272	-.587	80	919	-.279	.125	.148	-.783	90	130	-.243	.128	.257	-.645
80	628	-.190	.117	.211	-.551	80	920	-.313	.137	.111	-.882	90	131	-.240	.123	.116	-.775
80	629	-.198	.114	.157	-.538	80	921	-.146	.134	.224	-.565	90	132	-.238	.127	.175	-.710
80	630	-.191	.118	.228	-.614	80	922	-.276	.136	.209	-.674	90	133	-.239	.128	.140	-.651
80	631	-.198	.117	.254	-.558	80	923	-.276	.144	.320	-.875	90	134	-.060	.165	.579	-.573
80	632	-.190	.112	.190	-.544	80	924	-.208	.133	.707	-.199	90	135	-.015	.144	.525	-.666
80	633	-.211	.113	.173	-.573	80	925	-.227	.142	.782	-.150	90	136	.075	.141	.611	-.387
80	634	-.203	.116	.210	-.593	80	926	-.237	.140	.691	-.175	90	137	.123	.151	.689	-.349
80	635	-.207	.117	.245	-.643	80	927	-.222	.137	.795	-.210	90	138	.160	.147	.699	-.270
80	636	-.209	.117	.190	-.600	80	928	-.185	.134	.680	-.180	90	139	.161	.154	.731	-.303
80	637	-.213	.114	.160	-.573	80	929	-.154	.139	.811	-.343	90	140	.135	.143	.732	-.309
80	638	-.223	.123	.167	-.663	80	930	-.086	.140	.682	-.329	90	141	.105	.151	.689	-.343
80	639	-.221	.122	.186	-.625	80	931	-.204	.130	.659	-.162	90	142	.033	.135	.549	-.379
80	640	-.229	.118	.179	-.602	80	932	-.197	.130	.766	-.205	90	143	-.044	.141	.396	-.519
80	641	-.232	.121	.222	-.651	80	933	-.175	.132	.573	-.178	90	144	-.096	.141	.425	-.669
80	642	-.236	.117	.157	-.635	80	934	-.188	.132	.659	-.209	90	145	-.160	.136	.444	-.588
80	643	-.231	.121	.155	-.651	80	935	-.176	.123	.624	-.225	90	146	-.367	.173	.257	-1.057
80	644	-.244	.113	.184	-.631	80	936	-.170	.119	.552	-.239	90	147	-.241	.137	.161	-.769
80	645	-.237	.124	.161	-.660	80	937	-.283	.130	.201	-.719	90	148	-.186	.129	.267	-.766
80	646	-.222	.118	.175	-.620	80	938	-.247	.137	.149	-.783	90	149	-.163	.117	.183	-.640
80	647	-.224	.103	.173	-.539	80	939	-.248	.130	.255	-.717	90	150	-.159	.113	.230	-.507
80	648	-.238	.120	.168	-.687	90	101	.159	.156	.749	-.340	90	151	-.170	.118	.186	-.613
80	649	-.236	.125	.157	-.662	90	102	.130	.144	.841	-.390	90	152	.222	.145	.671	-.258
80	650	-.240	.122	.201	-.615	90	103	.099	.144	.611	-.440	90	153	.220	.128	.695	-.139
80	651	-.236	.121	.193	-.682	90	104	-.015	.130	.430	-.407	90	154	.215	.135	.642	-.168
80	801	-.032	.112	.368	-.388	90	105	-.286	.159	.362	-.873	90	155	.222	.145	.801	-.252
80	802	-.277	.124	.077	-.685	90	106	-.161	.134	.249	-.596	90	156	.209	.153	.922	-.309
80	803	-.241	.119	.209	-.696	90	107	-.195	.122	.263	-.643	90	157	.164	.147	.611	-.237
80	804	-.209	.128	.209	-.691	90	108	-.236	.154	.396	-.690	90	158	.125	.147	.695	-.393

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	159	.094	.137	.637	-.411	90	209	-.199	.142	.469	-.686	90	259	-.205	.121	.261	-.644
90	160	-.047	.133	.509	-.456	90	210	-.377	.154	.168	-.974	90	260	-.096	.122	.460	-.298
90	161	-.128	.141	.428	-.560	90	211	-.411	.158	.099	-.921	90	261	.083	.129	.559	-.308
90	162	-.363	.165	.190	-.894	90	212	-.240	.187	.241	-.911	90	262	.066	.113	.507	-.296
90	163	-.402	.177	.131	-1.258	90	213	-.173	.144	.263	-.772	90	263	.055	.117	.463	-.337
90	164	-.193	.169	.385	-.923	90	214	-.180	.129	.268	-.624	90	264	.015	.125	.426	-.423
90	165	-.155	.134	.258	-.799	90	215	-.178	.120	.233	-.656	90	265	-.097	.121	.310	-.612
90	166	-.146	.124	.261	-.548	90	216	.149	.137	.602	-.325	90	266	-.105	.115	.320	-.526
90	167	-.165	.119	.173	-.626	90	217	.178	.129	.715	-.306	90	267	-.177	.122	.229	-.633
90	168	.230	.158	.800	-.444	90	218	.202	.132	.685	-.212	90	268	-.290	.123	.126	-.751
90	169	.233	.132	.702	-.271	90	219	.208	.137	.648	-.242	90	269	-.310	.130	.096	-.774
90	170	.259	.144	.682	-.185	90	220	.197	.126	.736	-.191	90	301	-.043	.141	.428	-.451
90	171	.248	.141	.764	-.214	90	221	.160	.116	.561	-.221	90	302	.057	.154	.598	-.578
90	172	.222	.135	.841	-.223	90	222	.114	.128	.653	-.295	90	303	.077	.174	.024	-.613
90	173	.197	.149	.691	-.281	90	223	.070	.135	.596	-.355	90	304	-.321	.130	.170	-.760
90	174	.140	.139	.774	-.275	90	224	-.077	.131	.336	-.494	90	305	-.205	.154	.375	-.678
90	175	.101	.128	.640	-.307	90	225	-.174	.135	.286	-.635	90	306	-.294	.158	.453	-.771
90	176	-.054	.136	.426	-.538	90	226	-.378	.152	.087	-.882	90	307	-.185	.155	.364	-.696
90	177	-.180	.138	.236	-.618	90	227	-.366	.145	.087	-.912	90	308	-.286	.151	.217	-.938
90	178	-.407	.158	.072	-1.074	90	228	-.229	.152	.215	-.737	90	309	-.391	.135	.055	-.829
90	179	-.402	.167	.121	-1.119	90	229	-.174	.127	.233	-.668	90	310	-.132	.156	.509	-.602
90	180	-.251	.177	.308	-.932	90	230	-.174	.118	.271	-.585	90	311	-.037	.173	.536	-.624
90	181	-.163	.143	.369	-.790	90	231	-.202	.121	.192	-.666	90	312	-.015	.182	.531	-.616
90	182	-.159	.119	.193	-.621	90	232	.083	.129	.532	-.313	90	313	-.267	.127	.177	-.676
90	183	-.165	.117	.233	-.641	90	233	.119	.119	.568	-.374	90	314	-.367	.139	.081	-.997
90	184	-.195	.138	.653	-.364	90	234	.194	.127	.647	-.170	90	315	-.054	.136	.387	-.470
90	185	.231	.150	.744	-.238	90	235	.218	.144	.837	-.251	90	316	-.019	.136	.462	-.480
90	186	.255	.140	.766	-.214	90	236	.188	.131	.632	-.203	90	317	.024	.134	.483	-.380
90	187	.241	.138	.856	-.208	90	237	.178	.123	.654	-.233	90	318	.050	.145	.559	-.420
90	188	.220	.136	.685	-.174	90	238	.102	.121	.503	-.245	90	319	.074	.163	.857	-.388
90	189	.197	.145	.654	-.430	90	239	.052	.130	.596	-.343	90	320	-.058	.127	.420	-.473
90	190	.102	.135	.578	-.343	90	240	-.129	.117	.304	-.540	90	321	.026	.144	.652	-.417
90	191	.101	.131	.657	-.332	90	241	-.188	.135	.274	-.695	90	322	.134	.148	.648	-.361
90	192	-.072	.132	.426	-.517	90	242	-.334	.158	.120	-.834	90	323	.118	.181	.814	-.635
90	193	-.186	.135	.305	-.626	90	243	-.272	.141	.182	-.748	90	324	.103	.181	.736	-.497
90	194	-.428	.151	.083	-1.001	90	244	-.176	.122	.194	-.571	90	325	-.053	.125	.341	-.467
90	195	-.388	.152	.082	-1.053	90	245	-.162	.122	.223	-.553	90	326	.029	.123	.428	-.345
90	196	-.243	.180	.300	-.805	90	246	-.173	.114	.233	-.532	90	327	.128	.129	.573	-.297
90	197	-.168	.149	.284	-.782	90	247	-.201	.122	.200	-.601	90	328	.116	.171	.657	-.534
90	198	-.173	.121	.195	-.797	90	248	-.060	.129	.510	-.520	90	329	.134	.167	.617	-.441
90	199	-.168	.122	.242	-.627	90	249	-.004	.145	.381	-.557	90	330	-.071	.113	.366	-.417
90	200	.159	.136	.659	-.272	90	250	-.023	.147	.417	-.600	90	331	.011	.122	.458	-.457
90	201	.202	.133	.657	-.254	90	251	-.024	.135	.489	-.467	90	332	.111	.133	.570	-.345
90	202	.242	.133	.648	-.188	90	252	-.132	.118	.261	-.521	90	333	.132	.175	.699	-.438
90	203	.213	.136	.691	-.156	90	253	.059	.123	.509	-.332	90	334	.090	.170	.683	-.465
90	204	.211	.135	.751	-.313	90	254	.080	.112	.491	-.334	90	335	-.061	.126	.384	-.498
90	205	.183	.123	.680	-.328	90	255	.056	.131	.525	-.413	90	336	-.005	.124	.392	-.430
90	206	.120	.131	.679	-.230	90	256	-.019	.127	.408	-.532	90	337	.092	.129	.680	-.363
90	207	.086	.134	.540	-.278	90	257	-.181	.130	.255	-.612	90	338	.120	.166	.638	-.640
90	208	-.057	.137	.431	-.460	90	258	-.185	.121	.245	-.579	90	339	.101	.152	.582	-.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	340	- .076	.115	.254	- .423	90	419	- .242	.125	.154	- .639	90	469	- .242	.129	.165	- .735
90	341	- .005	.116	.438	- .436	90	420	- .229	.120	.181	- .704	90	470	- .246	.130	.203	- .751
90	342	- .086	.130	.506	- .298	90	421	- .240	.132	.165	- .785	90	471	- .251	.127	.179	- .675
90	343	- .086	.155	.557	- .429	90	422	- .239	.133	.213	- .644	90	472	- .254	.128	.135	- .693
90	344	- .083	.159	.557	- .469	90	423	- .239	.132	.210	- .656	90	473	- .241	.126	.219	- .662
90	345	- .100	.115	.275	- .507	90	424	- .239	.132	.142	- .743	90	474	- .236	.120	.250	- .635
90	346	- .031	.123	.369	- .474	90	425	- .244	.126	.199	- .820	90	475	- .234	.119	.210	- .662
90	347	- .041	.119	.428	- .417	90	426	- .264	.135	.271	- .776	90	476	- .230	.140	.244	- .700
90	348	- .031	.131	.483	- .505	90	427	- .228	.124	.212	- .660	90	477	- .216	.123	.258	- .632
90	349	- .022	.133	.548	- .481	90	428	- .224	.119	.291	- .694	90	478	- .214	.123	.234	- .651
90	350	- .040	.132	.463	- .456	90	429	- .228	.117	.167	- .662	90	479	- .210	.129	.263	- .682
90	351	- .098	.143	.593	- .389	90	430	- .233	.138	.196	- .711	90	480	- .225	.125	.171	- .628
90	352	- .124	.124	.504	- .336	90	431	- .232	.125	.163	- .651	90	481	- .240	.118	.156	- .609
90	353	- .129	.122	.633	- .211	90	432	- .245	.119	.221	- .632	90	482	- .255	.126	.147	- .679
90	354	- .112	.117	.494	- .303	90	433	- .232	.127	.205	- .687	90	483	- .253	.131	.152	- .677
90	355	- .122	.126	.265	- .537	90	434	- .229	.124	.158	- .627	90	484	- .247	.126	.153	- .640
90	356	- .065	.122	.384	- .558	90	435	- .234	.117	.153	- .589	90	485	- .244	.127	.156	- .640
90	357	- .008	.131	.476	- .496	90	436	- .239	.123	.144	- .643	90	486	- .244	.130	.258	- .664
90	358	- .024	.137	.493	- .438	90	437	- .260	.140	.166	- .911	90	487	- .244	.120	.177	- .693
90	359	- .112	.131	.723	- .351	90	438	- .267	.128	.172	- .735	90	488	- .251	.124	.198	- .645
90	360	- .140	.120	.488	- .239	90	439	- .271	.135	.164	- .743	90	489	- .242	.129	.173	- .659
90	361	- .118	.126	.539	- .273	90	440	- .269	.134	.164	- .740	90	490	- .251	.120	.210	- .664
90	362	- .086	.111	.549	- .260	90	441	- .257	.125	.175	- .697	90	491	- .237	.120	.176	- .646
90	363	- .208	.130	.236	- .611	90	442	- .255	.123	.148	- .641	90	492	- .243	.135	.247	- .725
90	364	- .092	.131	.578	- .364	90	443	- .240	.125	.161	- .695	90	493	- .223	.133	.271	- .700
90	365	- .135	.130	.550	- .311	90	444	- .253	.117	.180	- .637	90	494	- .215	.124	.192	- .599
90	366	- .159	.124	.590	- .341	90	445	- .216	.114	.145	- .603	90	495	- .213	.126	.178	- .616
90	367	- .156	.119	.560	- .249	90	446	- .220	.115	.153	- .619	90	496	- .237	.127	.140	- .766
90	368	- .146	.112	.557	- .270	90	447	- .207	.115	.139	- .597	90	497	- .247	.131	.213	- .737
90	369	- .146	.115	.508	- .207	90	448	- .210	.116	.169	- .545	90	498	- .256	.126	.179	- .748
90	370	- .117	.115	.489	- .283	90	449	- .228	.129	.153	- .643	90	499	- .252	.117	.151	- .629
90	371	- .108	.113	.527	- .356	90	450	- .238	.130	.160	- .701	90	500	- .249	.128	.195	- .731
90	401	- .234	.129	.163	- .634	90	451	- .242	.131	.187	- .709	90	501	- .254	.128	.144	- .676
90	402	- .233	.142	.282	- .693	90	452	- .237	.127	.229	- .712	90	502	- .255	.128	.165	- .640
90	403	- .221	.117	.157	- .665	90	453	- .240	.120	.166	- .620	90	503	- .259	.131	.135	- .724
90	404	- .217	.123	.282	- .617	90	454	- .244	.127	.139	- .719	90	504	- .255	.124	.149	- .716
90	405	- .239	.130	.188	- .653	90	455	- .256	.132	.174	- .727	90	505	- .253	.126	.168	- .646
90	406	- .238	.132	.198	- .701	90	456	- .262	.131	.190	- .679	90	506	- .244	.122	.226	- .646
90	407	- .225	.123	.196	- .718	90	457	- .256	.130	.135	- .680	90	507	- .253	.121	.147	- .683
90	408	- .282	.137	.232	- .865	90	458	- .240	.122	.114	- .646	90	508	- .235	.130	.202	- .686
90	409	- .258	.137	.174	- .731	90	459	- .231	.127	.156	- .659	90	509	- .232	.133	.163	- .735
90	410	- .252	.128	.221	- .690	90	460	- .223	.121	.231	- .635	90	510	- .242	.124	.168	- .704
90	411	- .264	.126	.151	- .701	90	461	- .214	.115	.145	- .591	90	511	- .246	.126	.200	- .735
90	412	- .250	.132	.134	- .669	90	462	- .201	.126	.211	- .679	90	512	- .258	.123	.120	- .667
90	413	- .262	.136	.184	- .840	90	463	- .198	.123	.232	- .666	90	513	- .269	.119	.100	- .684
90	414	- .247	.136	.179	- .823	90	464	- .217	.121	.208	- .695	90	514	- .261	.121	.191	- .595
90	415	- .223	.125	.195	- .759	90	465	- .239	.124	.186	- .682	90	515	- .254	.128	.227	- .716
90	416	- .227	.129	.196	- .712	90	466	- .247	.126	.116	- .658	90	516	- .254	.128	.232	- .739
90	417	- .265	.120	.140	- .644	90	467	- .257	.120	.150	- .664	90	517	- .257	.123	.122	- .673
90	418	- .250	.125	.218	- .653	90	468	- .244	.121	.192	- .612	90	518	- .260	.128	.125	- .702

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	519	- .248	.123	.224	- .651	90	607	- .266	.122	.198	- .736	90	806	- .308	.131	.147	- .714
90	520	- .251	.119	.234	- .648	90	608	- .213	.123	.225	- .636	90	807	- .238	.121	.195	- .693
90	521	- .255	.116	.130	- .683	90	609	- .203	.116	.203	- .559	90	901	- .179	.138	.324	- .597
90	522	- .251	.137	.181	- .705	90	610	- .214	.118	.177	- .681	90	902	- .179	.133	.348	- .601
90	523	- .249	.125	.149	- .643	90	611	- .201	.132	.304	- .617	90	903	- .236	.124	.120	- .721
90	524	- .252	.123	.179	- .684	90	612	- .195	.134	.199	- .656	90	904	- .250	.127	.190	- .703
90	525	- .257	.128	.171	- .667	90	613	- .205	.135	.287	- .651	90	905	- .221	.120	.266	- .773
90	526	- .262	.125	.200	- .678	90	614	- .205	.124	.151	- .687	90	906	- .245	.130	.142	- .706
90	527	- .260	.117	.143	- .608	90	615	- .207	.120	.224	- .606	90	907	- .268	.131	.132	- .806
90	528	- .265	.122	.140	- .740	90	616	- .191	.129	.199	- .645	90	908	- .272	.136	.295	- .838
90	529	- .256	.130	.106	- .700	90	617	- .209	.119	.221	- .653	90	909	- .327	.133	.134	- .872
90	530	- .254	.125	.133	- .653	90	618	- .205	.122	.319	- .634	90	910	- .244	.123	.165	- .662
90	531	- .247	.128	.135	- .640	90	619	- .214	.142	.276	- .824	90	911	- .285	.131	.088	- .830
90	532	- .244	.129	.245	- .657	90	620	- .205	.129	.243	- .665	90	912	- .248	.139	.137	- .775
90	533	- .242	.120	.155	- .700	90	621	- .188	.124	.223	- .586	90	913	- .238	.126	.144	- .684
90	534	- .252	.124	.198	- .667	90	622	- .195	.125	.147	- .665	90	914	- .238	.126	.206	- .628
90	535	- .245	.129	.152	- .638	90	623	- .201	.123	.182	- .608	90	915	- .249	.138	.184	- .809
90	536	- .258	.122	.202	- .680	90	624	- .213	.125	.255	- .746	90	916	- .285	.127	.154	- .684
90	537	- .253	.121	.112	- .659	90	625	- .214	.123	.185	- .633	90	917	- .275	.143	.238	- .753
90	538	- .256	.137	.229	- .716	90	626	- .198	.115	.266	- .592	90	918	- .342	.141	.085	- .888
90	539	- .250	.133	.111	- .801	90	627	- .198	.122	.264	- .656	90	919	- .289	.132	.203	- .797
90	540	- .242	.127	.176	- .692	90	628	- .205	.124	.278	- .622	90	920	- .316	.137	.136	- .792
90	541	- .236	.112	.152	- .652	90	629	- .214	.125	.180	- .637	90	921	- .130	.133	.332	- .660
90	542	- .244	.120	.229	- .662	90	630	- .214	.123	.155	- .600	90	922	- .264	.122	.182	- .719
90	543	- .237	.119	.142	- .624	90	631	- .216	.121	.159	- .614	90	923	- .255	.145	.176	- .781
90	544	- .237	.120	.127	- .639	90	632	- .215	.125	.223	- .625	90	924	- .250	.136	.742	- .189
90	545	- .258	.130	.147	- .753	90	633	- .215	.122	.245	- .632	90	925	- .226	.143	.750	- .200
90	546	- .247	.118	.180	- .683	90	634	- .232	.117	.159	- .572	90	926	- .204	.127	.680	- .181
90	547	- .241	.123	.234	- .740	90	635	- .221	.127	.209	- .679	90	927	- .194	.130	.677	- .257
90	548	- .245	.111	.115	- .654	90	636	- .223	.126	.128	- .651	90	928	- .183	.135	.641	- .300
90	549	- .241	.097	.030	- .530	90	637	- .231	.123	.212	- .684	90	929	- .106	.133	.518	- .498
90	550	- .245	.088	.026	- .517	90	638	- .245	.125	.163	- .690	90	930	- .035	.137	.628	- .444
90	551	- .254	.098	.099	- .631	90	639	- .253	.125	.166	- .657	90	931	- .217	.128	.677	- .189
90	552	- .245	.113	.120	- .605	90	640	- .254	.120	.091	- .665	90	932	- .185	.120	.524	- .259
90	553	- .243	.115	.111	- .647	90	641	- .249	.121	.215	- .589	90	933	- .170	.116	.566	- .210
90	554	- .239	.113	.164	- .615	90	642	- .243	.129	.234	- .652	90	934	- .155	.120	.553	- .260
90	555	- .236	.109	.136	- .730	90	643	- .246	.127	.234	- .698	90	935	- .173	.118	.599	- .305
90	556	- .237	.116	.236	- .607	90	644	- .263	.120	.091	- .640	90	936	- .162	.133	.765	- .310
90	557	- .249	.107	.075	- .654	90	645	- .263	.130	.166	- .671	90	937	- .292	.126	.107	- .717
90	558	- .239	.121	.119	- .626	90	646	- .226	.115	.215	- .707	90	938	- .239	.128	.231	- .003
90	559	- .239	.119	.209	- .691	90	647	- .230	.115	.114	- .702	90	939	- .243	.132	.168	- .738
90	560	- .208	.119	.241	- .807	90	648	- .240	.109	.148	- .625	100	101	- .140	.153	.751	- .373
90	561	- .291	.121	.111	- .731	90	649	- .245	.121	.256	- .754	100	102	- .115	.134	.548	- .388
90	562	- .343	.127	.022	- .771	90	650	- .234	.120	.144	- .594	100	103	- .078	.141	.558	- .432
90	601	- .235	.125	.169	- .702	90	651	- .228	.116	.119	- .610	100	104	- .048	.134	.504	- .494
90	602	- .242	.132	.190	- .647	90	801	- .051	.122	.422	- .359	100	105	- .349	.158	.242	- .907
90	603	- .247	.124	.217	- .767	90	802	- .293	.125	.112	- .823	100	106	- .198	.132	.283	- .688
90	604	- .300	.134	.159	- .812	90	803	- .248	.122	.215	- .755	100	107	- .226	.123	.197	- .651
90	605	- .268	.136	.219	- .744	90	804	- .213	.114	.171	- .655	100	108	- .240	.156	.319	- .770
90	606	- .260	.119	.115	- .725	90	805	- .255	.109	.082	- .644	100	109	- .159	.142	.295	- .587

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
100	110	- .179	.146	.334	- .729	100	160	- .100	.132	.319	- .565	100	210	- .428	.153	.045	-1 .060
100	111	- .248	.140	.249	- .768	100	161	- .209	.130	.306	- .610	100	211	- .439	.157	.105	-1 .063
100	112	- .227	.136	.334	- .741	100	162	- .438	.158	.076	-1 .066	100	212	- .365	.162	.159	- .872
100	113	- .264	.133	.224	- .713	100	163	- .438	.162	.032	-1 .017	100	213	- .244	.154	.179	- .944
100	114	- .301	.146	.281	- .786	100	164	- .315	.166	.215	- .983	100	214	- .215	.137	.261	- .725
100	115	- .286	.150	.218	- .954	100	165	- .232	.143	.281	- .801	100	215	- .199	.136	.212	-1 .017
100	116	- .318	.140	.194	- .936	100	166	- .210	.126	.189	- .635	100	216	- .184	.135	.622	- .248
100	117	- .051	.150	.792	- .378	100	167	- .199	.130	.176	- .618	100	217	- .199	.134	.673	- .264
100	118	- .041	.142	.581	- .453	100	168	- .252	.148	.759	- .303	100	218	- .229	.135	.658	- .328
100	119	- .014	.149	.555	- .548	100	169	- .260	.150	.924	- .217	100	219	- .201	.127	.616	- .225
100	120	- .005	.156	.607	- .514	100	170	- .263	.146	.834	- .228	100	220	- .206	.137	.789	- .163
100	121	- .007	.148	.525	- .536	100	171	- .227	.141	.676	- .287	100	221	- .149	.128	.655	- .183
100	122	- .015	.139	.640	- .489	100	172	- .219	.149	.717	- .356	100	222	- .066	.131	.609	- .321
100	123	- .083	.128	.411	- .502	100	173	- .161	.130	.590	- .251	100	223	- .027	.132	.465	- .406
100	124	- .141	.133	.304	- .610	100	174	- .109	.139	.626	- .280	100	224	- .115	.126	.311	- .521
100	125	- .328	.128	.112	- .719	100	175	- .054	.138	.548	- .314	100	225	- .215	.138	.246	- .629
100	126	- .242	.128	.257	- .645	100	176	- .122	.137	.386	- .555	100	226	- .404	.153	.101	-1 .008
100	127	- .236	.128	.132	- .669	100	177	- .227	.145	.255	- .756	100	227	- .402	.150	.053	- .855
100	128	- .243	.128	.163	- .731	100	178	- .443	.159	.250	- .941	100	228	- .307	.158	.193	-1 .066
100	129	- .259	.121	.114	- .735	100	179	- .455	.176	.165	-1 .061	100	229	- .218	.140	.220	- .785
100	130	- .270	.129	.166	- .684	100	180	- .352	.171	.189	- .944	100	230	- .204	.123	.170	- .716
100	131	- .247	.130	.209	- .734	100	181	- .245	.154	.250	- .942	100	231	- .208	.133	.263	- .634
100	132	- .249	.127	.212	- .651	100	182	- .210	.135	.245	- .933	100	232	- .120	.122	.564	- .352
100	133	- .262	.138	.273	- .699	100	183	- .196	.134	.204	- .775	100	233	- .161	.132	.626	- .237
100	134	- .095	.178	.878	- .494	100	184	- .214	.136	.704	- .323	100	234	- .223	.138	.661	- .253
100	135	- .023	.152	.494	- .524	100	185	- .219	.147	.762	- .250	100	235	- .220	.136	.680	- .222
100	136	- .080	.137	.531	- .414	100	186	- .266	.134	.684	- .258	100	236	- .199	.134	.658	- .169
100	137	- .122	.145	.679	- .360	100	187	- .237	.144	.728	- .200	100	237	- .162	.127	.693	- .194
100	138	- .137	.145	.709	- .334	100	188	- .206	.137	.692	- .270	100	238	- .067	.134	.468	- .458
100	139	- .109	.160	.812	- .322	100	189	- .158	.137	.726	- .294	100	239	- .017	.129	.445	- .404
100	140	- .105	.133	.568	- .320	100	190	- .082	.131	.546	- .272	100	240	- .139	.125	.237	- .548
100	141	- .079	.151	.719	- .366	100	191	- .050	.131	.573	- .347	100	241	- .250	.134	.181	- .742
100	142	- .006	.134	.465	- .575	100	192	- .128	.137	.327	- .598	100	242	- .393	.160	.196	- .901
100	143	- .093	.130	.441	- .506	100	193	- .242	.133	.181	- .684	100	243	- .315	.130	.178	- .793
100	144	- .137	.135	.365	- .546	100	194	- .459	.168	.082	-1 .115	100	244	- .208	.133	.232	- .697
100	145	- .209	.125	.205	- .634	100	195	- .457	.183	.084	-1 .173	100	245	- .192	.130	.235	- .585
100	146	- .444	.182	.113	-1 .196	100	196	- .360	.186	.300	- .911	100	246	- .191	.124	.204	- .605
100	147	- .303	.137	.112	- .866	100	197	- .268	.148	.181	- .887	100	247	- .220	.125	.198	- .696
100	148	- .253	.142	.207	- .801	100	198	- .205	.140	.242	- .696	100	248	- .018	.143	.495	- .601
100	149	- .229	.133	.190	- .723	100	199	- .204	.143	.230	- .797	100	249	- .019	.136	.476	- .510
100	150	- .202	.136	.232	- .838	100	200	- .217	.137	.725	- .212	100	250	- .049	.137	.460	- .475
100	151	- .211	.121	.230	- .750	100	201	- .241	.143	.773	- .229	100	251	- .041	.132	.488	- .453
100	152	- .222	.142	.752	- .223	100	202	- .247	.130	.740	- .247	100	252	- .142	.124	.292	- .522
100	153	- .232	.138	.653	- .166	100	203	- .247	.146	.714	- .214	100	253	- .041	.111	.473	- .315
100	154	- .224	.137	.960	- .191	100	204	- .195	.150	.706	- .223	100	254	- .079	.117	.480	- .355
100	155	- .226	.154	.900	- .279	100	205	- .158	.137	.629	- .260	100	255	- .045	.113	.399	- .390
100	156	- .183	.131	.627	- .214	100	206	- .086	.127	.556	- .325	100	256	- .014	.121	.369	- .449
100	157	- .155	.152	.767	- .287	100	207	- .061	.135	.598	- .310	100	257	- .184	.130	.297	- .651
100	158	- .072	.153	.704	- .378	100	208	- .118	.123	.286	- .549	100	258	- .173	.126	.236	- .897
100	159	- .043	.151	.684	- .375	100	209	- .232	.132	.241	- .751	100	259	- .176	.128	.220	- .634

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	260	.066	.115	.476	-.466	100	341	.038	.132	.527	-.355	100	420	-.252	.135	.165	-.841
100	261	.085	.112	.462	-.270	100	342	.135	.127	.527	-.365	100	421	-.239	.121	.244	-.603
100	262	.065	.124	.447	-.282	100	343	.165	.132	.625	-.268	100	422	-.233	.120	.168	-.664
100	263	.054	.108	.412	-.384	100	344	.149	.144	.697	-.429	100	423	-.236	.130	.299	-.659
100	264	-.002	.122	.446	-.340	100	345	-.093	.126	.405	-.524	100	424	-.242	.130	.231	-.676
100	265	-.104	.114	.342	-.510	100	346	-.017	.133	.563	-.460	100	425	-.234	.122	.193	-.779
100	266	-.106	.107	.265	-.435	100	347	.069	.133	.603	-.378	100	426	-.280	.132	.233	-.751
100	267	-.183	.124	.338	-.624	100	348	.057	.136	.533	-.366	100	427	-.242	.137	.204	-.840
100	268	.280	.123	.114	-.777	100	349	.058	.144	.533	-.469	100	428	-.250	.124	.161	-.749
100	269	-.297	.128	.114	-.712	100	350	.087	.133	.538	-.376	100	429	-.234	.123	.189	-.653
100	301	.016	.163	.583	-.527	100	351	.122	.130	.614	-.409	100	430	-.243	.131	.189	-.655
100	302	.130	.182	.049	-.379	100	352	.136	.126	.543	-.261	100	431	-.243	.119	.113	-.653
100	303	.155	.183	.760	-.430	100	353	.134	.113	.518	-.213	100	432	-.261	.120	.155	-.678
100	304	.322	.136	.107	-.756	100	354	.129	.126	.613	-.253	100	433	-.238	.125	.195	-.663
100	305	.184	.156	.441	-.711	100	355	-.122	.114	.235	-.482	100	434	-.238	.126	.178	-.666
100	306	.271	.160	.321	-.926	100	356	-.059	.115	.324	-.477	100	435	-.236	.118	.181	-.629
100	307	.153	.152	.375	-.685	100	357	.006	.116	.419	-.388	100	436	-.230	.116	.174	-.824
100	308	.221	.146	.399	-.745	100	358	.045	.126	.559	-.482	100	437	-.271	.133	.161	-.847
100	309	.356	.140	.146	-.819	100	359	.115	.119	.500	-.321	100	438	-.263	.132	.109	-.738
100	310	.058	.177	.598	-.587	100	360	.135	.121	.582	-.319	100	439	-.290	.148	.122	-.916
100	311	.030	.186	.715	-.565	100	361	.127	.111	.497	-.269	100	440	-.276	.132	.194	-.723
100	312	.062	.185	.691	-.536	100	362	.088	.124	.516	-.288	100	441	-.267	.125	.131	-.670
100	313	.235	.135	.295	-.714	100	363	.197	.122	.246	-.634	100	442	-.255	.123	.119	-.673
100	314	.361	.144	.093	-.867	100	364	.128	.136	.564	-.305	100	443	-.243	.127	.186	-.670
100	315	.001	.133	.485	-.408	100	365	.162	.129	.671	-.354	100	444	-.247	.121	.165	-.778
100	316	.023	.151	.504	-.459	100	366	.172	.127	.658	-.225	100	445	-.224	.117	.285	-.567
100	317	.070	.151	.602	-.456	100	367	.150	.117	.569	-.266	100	446	-.206	.096	.072	-.551
100	318	.093	.155	.622	-.382	100	368	.156	.119	.575	-.196	100	447	-.221	.110	.139	-.561
100	319	.108	.153	.721	-.461	100	369	.128	.119	.551	-.223	100	448	-.227	.121	.260	-.623
100	320	.002	.146	.521	-.431	100	370	.117	.118	.448	-.332	100	449	-.250	.128	.125	-.704
100	321	.091	.142	.572	-.379	100	371	-.091	.116	.551	-.295	100	450	-.251	.131	.223	-.689
100	322	.168	.146	.768	-.307	100	401	-.243	.128	.184	-.849	100	451	-.242	.130	.254	-.707
100	323	.212	.167	.828	-.450	100	402	-.231	.135	.218	-.679	100	452	-.246	.123	.198	-.659
100	324	.187	.170	.981	-.369	100	403	-.228	.126	.131	-.641	100	453	-.228	.117	.157	-.750
100	325	.028	.134	.471	-.477	100	404	-.237	.126	.144	-.762	100	454	-.249	.132	.180	-.685
100	326	.079	.134	.602	-.305	100	405	-.269	.152	.184	-.959	100	455	-.256	.133	.254	-.666
100	327	.198	.144	.723	-.208	100	406	-.254	.139	.237	-.779	100	456	-.258	.122	.097	-.644
100	328	.232	.169	.094	-.337	100	407	-.230	.119	.130	-.720	100	457	-.250	.120	.236	-.613
100	329	.205	.150	.729	-.288	100	408	-.278	.127	.171	-.694	100	458	-.259	.132	.180	-.689
100	330	.037	.125	.418	-.441	100	409	-.264	.134	.226	-.738	100	459	-.235	.124	.196	-.674
100	331	.051	.130	.479	-.423	100	410	-.265	.130	.242	-.656	100	460	-.246	.129	.175	-.608
100	332	.160	.126	.685	-.245	100	411	-.256	.133	.166	-.740	100	461	-.215	.123	.223	-.705
100	333	.191	.149	.650	-.365	100	412	-.249	.127	.155	-.679	100	462	-.206	.115	.208	-.628
100	334	.196	.151	.760	-.428	100	413	-.270	.143	.198	-.783	100	463	-.209	.134	.171	-.648
100	335	.037	.123	.444	-.418	100	414	-.282	.134	.085	-.784	100	464	-.230	.111	.081	-.593
100	336	.062	.127	.467	-.335	100	415	-.234	.140	.182	-.691	100	465	-.246	.125	.175	-.628
100	337	.150	.136	.703	-.325	100	416	-.235	.118	.138	-.727	100	466	-.245	.121	.152	-.605
100	338	.205	.146	.783	-.334	100	417	-.263	.132	.204	-.852	100	467	-.251	.128	.176	-.723
100	339	.168	.148	.739	-.277	100	418	-.273	.133	.171	-.664	100	468	-.257	.125	.198	-.590
100	340	.056	.121	.411	-.392	100	419	-.239	.125	.217	-.775	100	469	-.244	.129	.211	-.664

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	470	-247	127	157	-631	100	520	-260	125	116	-671	100	608	-220	121	226	-707
100	471	-251	134	204	-742	100	521	-254	127	110	-718	100	609	-198	110	173	-625
100	472	-251	131	145	-728	100	522	-249	134	158	-681	100	610	-204	114	239	-569
100	473	-244	138	200	-804	100	523	-254	129	160	-1015	100	611	-204	125	225	-584
100	474	-242	125	120	-669	100	524	-252	125	245	-665	100	612	-213	133	336	-729
100	475	-236	128	188	-732	100	525	-257	128	165	-684	100	613	-218	129	236	-710
100	476	-232	137	234	-804	100	526	-252	127	206	-624	100	614	-222	122	190	-591
100	477	-210	120	176	-623	100	527	-244	115	152	-653	100	615	-211	124	217	-671
100	478	-215	123	206	-614	100	528	-249	115	141	-596	100	616	-194	134	272	-668
100	479	-205	123	195	-588	100	529	-259	124	124	-704	100	617	-205	121	199	-616
100	480	-224	126	256	-606	100	530	-249	121	155	-699	100	618	-209	123	272	-619
100	481	-240	116	214	-611	100	531	-260	135	194	-911	100	619	-194	120	185	-667
100	482	-247	115	148	-657	100	532	-252	123	157	-629	100	620	-216	124	174	-589
100	483	-252	123	180	-689	100	533	-253	118	116	-629	100	621	-195	125	288	-597
100	484	-240	121	175	-685	100	534	-251	121	141	-684	100	622	-203	128	186	-644
100	485	-257	135	173	-861	100	535	-249	133	194	-728	100	623	-213	126	212	-663
100	486	-253	127	200	-672	100	536	-255	123	141	-701	100	624	-210	129	178	-697
100	487	-259	120	135	-775	100	537	-261	131	217	-751	100	625	-218	128	233	-975
100	488	-251	126	122	-875	100	538	-242	126	129	-740	100	626	-191	118	212	-637
100	489	-243	130	241	-712	100	539	-261	129	136	-728	100	627	-205	125	184	-665
100	490	-245	124	175	-671	100	540	-250	130	243	-761	100	628	-200	126	244	-558
100	491	-240	128	274	-621	100	541	-236	121	165	-686	100	629	-209	113	155	-619
100	492	-223	124	135	-677	100	542	-246	116	122	-634	100	630	-207	118	277	-746
100	493	-228	119	148	-591	100	543	-241	106	106	-648	100	631	-223	128	239	-751
100	494	-218	126	292	-591	100	544	-254	127	143	-772	100	632	-213	122	153	-597
100	495	-228	130	160	-710	100	545	-254	119	189	-689	100	633	-229	135	226	-700
100	496	-244	128	196	-674	100	546	-249	121	124	-624	100	634	-225	124	207	-700
100	497	-250	127	214	-652	100	547	-246	124	168	-855	100	635	-224	120	192	-642
100	498	-269	124	183	-663	100	548	-252	123	122	-655	100	636	-232	134	186	-652
100	499	-242	115	123	-728	100	549	-249	110	079	-612	100	637	-237	119	148	-605
100	500	-256	130	121	-704	100	550	-245	096	026	-541	100	638	-235	132	259	-712
100	501	-253	130	248	-632	100	551	-241	101	095	-568	100	639	-240	122	225	-658
100	502	-256	115	092	-686	100	552	-244	116	136	-556	100	640	-238	126	148	-752
100	503	-250	124	212	-730	100	553	-241	106	167	-563	100	641	-252	127	140	-730
100	504	-274	131	136	-776	100	554	-240	115	117	-633	100	642	-237	128	200	-674
100	505	-253	123	162	-678	100	555	-241	118	136	-648	100	643	-248	124	142	-616
100	506	-264	133	165	-671	100	556	-242	108	120	-616	100	644	-252	129	166	-740
100	507	-250	126	230	-681	100	557	-242	111	090	-606	100	645	-253	125	114	-736
100	508	-237	121	113	-712	100	558	-243	113	103	-628	100	646	-237	118	192	-628
100	509	-240	137	225	-665	100	559	-237	114	219	-636	100	647	-243	107	093	-598
100	510	-249	121	149	-622	100	560	-211	118	181	-627	100	648	-243	118	133	-708
100	511	-238	132	183	-698	100	561	-300	126	175	-809	100	649	-248	112	194	-622
100	512	-241	123	181	-670	100	562	-339	133	076	-978	100	650	-233	104	133	-624
100	513	-257	126	165	-767	100	601	-261	134	213	-731	100	651	-243	119	159	-675
100	514	-270	123	129	-639	100	602	-253	125	181	-652	100	652	-243	109	395	-290
100	515	-255	126	170	-710	100	603	-255	137	160	-724	100	653	-299	124	114	-697
100	516	-253	125	126	-619	100	604	-294	127	138	-727	100	654	-254	122	160	-724
100	517	-255	127	168	-728	100	605	-268	131	242	-697	100	655	-215	122	178	-639
100	518	-255	125	162	-705	100	606	-263	125	127	-770	100	656	-251	122	154	-658
100	519	-256	139	170	-730	100	607	-258	114	117	-671	100	657	-307	134	148	-779

