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WIND-TUNNEL STUDY OF UNITED AMERICAN CENTER, CHATTANOOGA

by

J. A. Peterka* and J. E. Cermak**

FLUID MECHANICS AND WIND ENGINEERING PROGRAM

COLLEGE OF ENGINEERING

COLORADO STATE UNIVERSITY
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WIND-TUNNEL STUDY OF
UNITED AMERICAN CENTER, CHATTANOOGA

by

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LIST OF SYMBOLS

Symbol	Definition
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, $\frac{\left((p-p_\infty)-(p-p_\infty)_{mean}\right)_{rms}}{0.5\ \rho\ U_\infty^2}$
$C_{p_{max}}$	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

Symbol	Definition
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, $\dfrac{F_x}{A_R \; 0.5\rho \; U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\dfrac{F_y}{A_R \; 0.5\rho \; U_\infty^2}$

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 ($>2\times10^4$) 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

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

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

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

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.

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

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 flow showed separated flows often identified with high negative (outward-acting) pressures at several locations on the structure. These areas included the vertical corners at the edge of the curved surface, particularly near the top, areas near the setbacks at the top of the building where vortex formation was observed, and cladding surfaces on the tower just above the parking garage gap where flow passing down the windward face could pass under the corner of the tower through the parking area. Because of the strong directional nature of winds in Chattanooga, not all of the areas identified as potential high pressure zones will be exposed to high winds and may thus not appear as exceptionally high pressures in the final data.

Winds in pedestrian areas at ground level appeared strongest where the vertical edges of the curved face of the tower intersected the ground and at corners of the garage structure. On top of the parking structure, the strongest winds were in the gap under the two west corners of the tower. Again, since some of the high pedestrian wind speeds observed with smoke flow occurred for approach wind directions with infrequent winds, the quantitative assessment of areas of possible pedestrian discomfort may not coincide with the areas identified above.

Pedestrian winds on the balconies on the setbacks near the top of the building appeared to be moderate. Winds on the helideck on the roof were low but turbulent for some wind directions and fairly strong for wind directions where vortices originating at the roof corners brought high velocity winds close to the roof surface.

5.2 Pedestrian Winds

Figure 4 shows the 23 locations selected for investigation of pedestrian wind comfort. Location 1 (Figure 4a) was selected as a reference location which should be reasonably undisturbed by presence of the United American Plaza building. Locations 2-8 were at ground level about the building, locations 9-14 were on top of the parking structure with 11 and 12 located under the overhang of the tower, locations 15-20 were on balconies near the top of the building, and 21-23 were located on the tower roof.

Table 2 and Figure 8 show that the largest values of mean velocity were measured at locations 11 (on the parking deck under the tower corner) and 23 (on the helideck) with values ranging from 71 to 79 percent of U_∞, the mean velocity at the boundary-layer height. These compare to a maximum mean velocity at location 1 of 48 percent and about 45 percent which might be expected in an open-country environment.

The largest fluctuating velocities, U_{rms}, ranged up to 22 percent of U_∞. This is not a large value for a city environment. The largest peak gusts, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 11 and 23 with values ranging up to 120 to 130 percent of U_∞. These are fairly large for most city environments. The largest peak gust at reference location 1 was 84 percent of U_∞ while a value of 75 to 85 percent might be expected in an open-country environment.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest location is predicted to be 11 on the parking deck under the corner of the tower. This location is predicted to exceed the comfort

criteria for walking about 5 percent of the time and did not exceed the unacceptable criteria level. Most locations about the building had much lower wind speeds.

Most buildings in the United States of comparable size have significantly higher pedestrian winds than are predicted for the United American Center. This resulted from the generally low wind speeds in Chattanooga. Because of the low wind speeds in the city, the published acceptability criteria used for evaluation of wind environment may be somewhat high for Chattanooga. The acceptability of wind environment at location 1 can be used for evaluation of the acceptability criteria. It is not anticipated that significant problems will occur from pedestrian winds.

Velocity gradients above the heliport are shown in Figure 7. These high gradients just above the roof may cause difficulties in landing a helicopter on high-wind days. The generally low wind speeds in Chattanooga, however, should greatly limit landing difficulties to occasional isolated occurrences.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data are presented for the case with wind directionality included and for the case with no wind directional properties included. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all pressure tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained.

The largest peak pressure coefficient measured on the building was -3.0 at tap 208 at the top of the corner at the edge of the curved surface where flow visualization showed the potential for large peak pressures. During the repeat run in Configuration B, this tap recorded a substantially smaller peak pressure coefficient. This difference was due to a naturally wide probability distribution of the largest peak pressure. Recent research in this laboratory indicates that an average of these two measured values represents a realistic design value. Thus the peak pressure contours of Figure 10 incorporate this averaging process.

Peak cladding pressures were combined with climatological data which both accounted for and did not account for directional influence of the wind. Contour plots for a 100-year wind for each case are presented in Figure 10. Because the winds in Chattanooga are highly directional, a substantial reduction in peak cladding loads is realized by using the directional case. For the directional case, peak cladding pressures ranged up to -78 psf with most negative loads in the 30 to 50 psf range. Peak positive pressures ranged up to about 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 load, shear and moment distributions plotted from Table 7 for the largest base shears in the X and Y directions. For the largest X shear, the Y shear was of comparable magnitude. Torsional loads, from Table 7, were of significant magnitude but did not coincide with maxima in base shear or moments.

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FIGURES

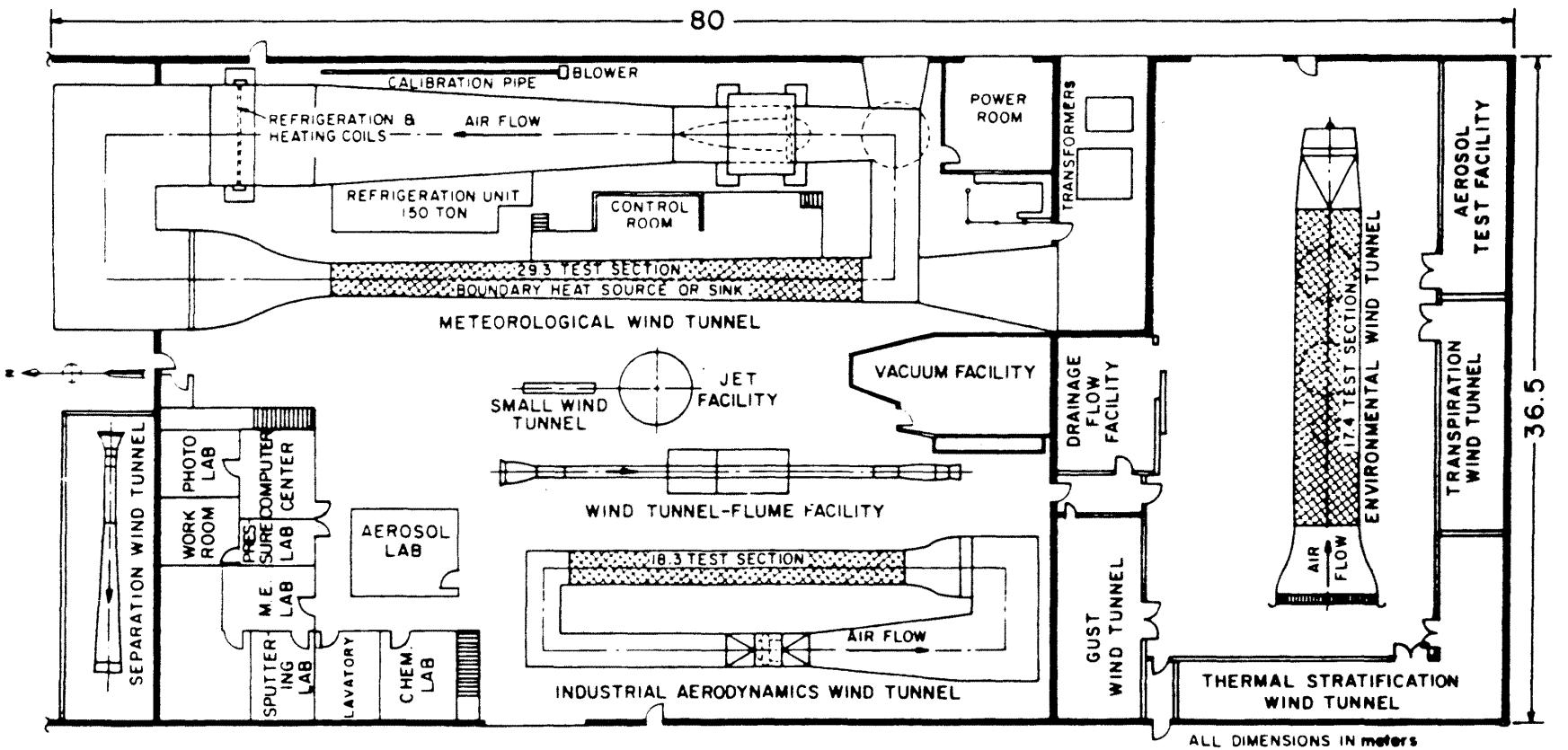
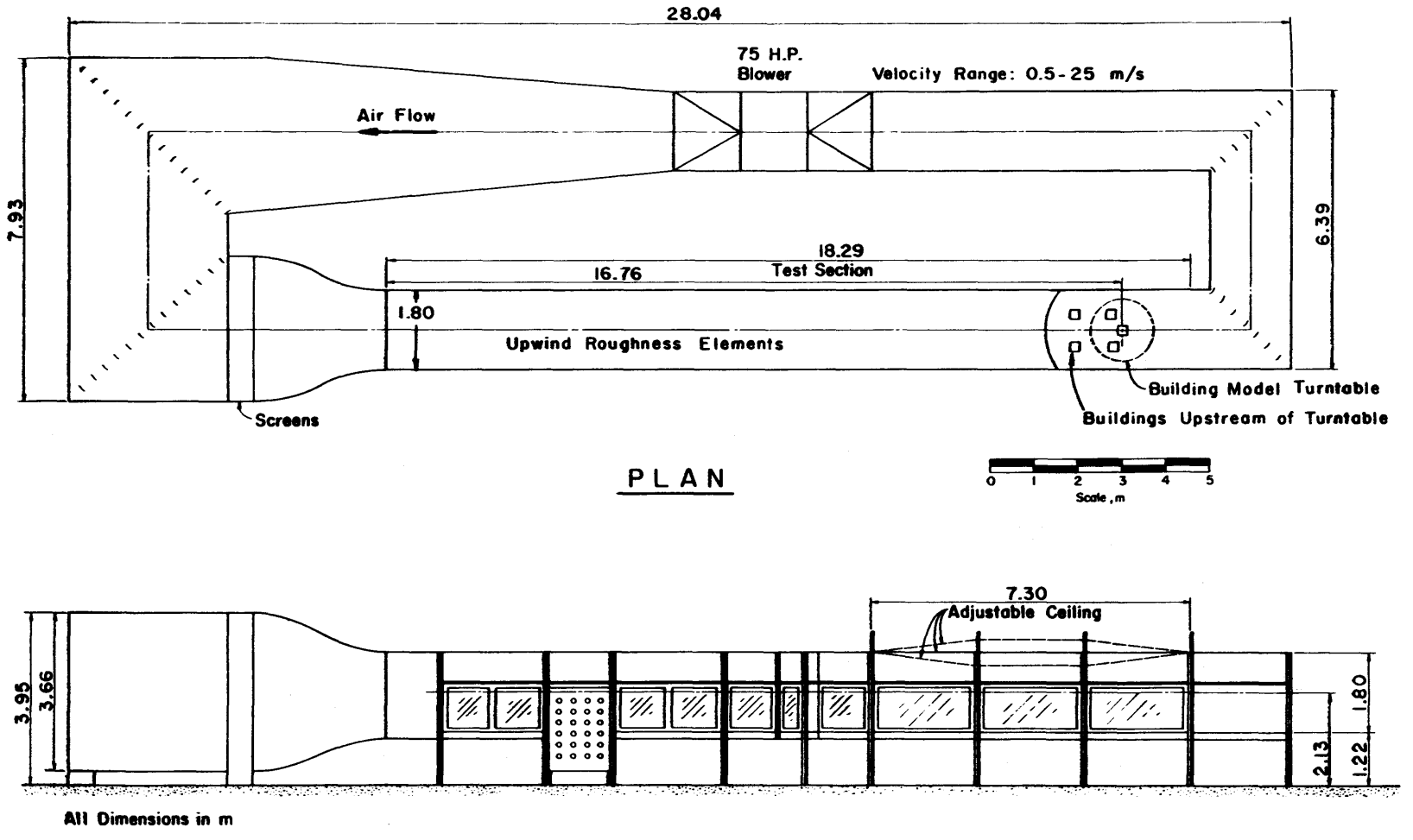


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration

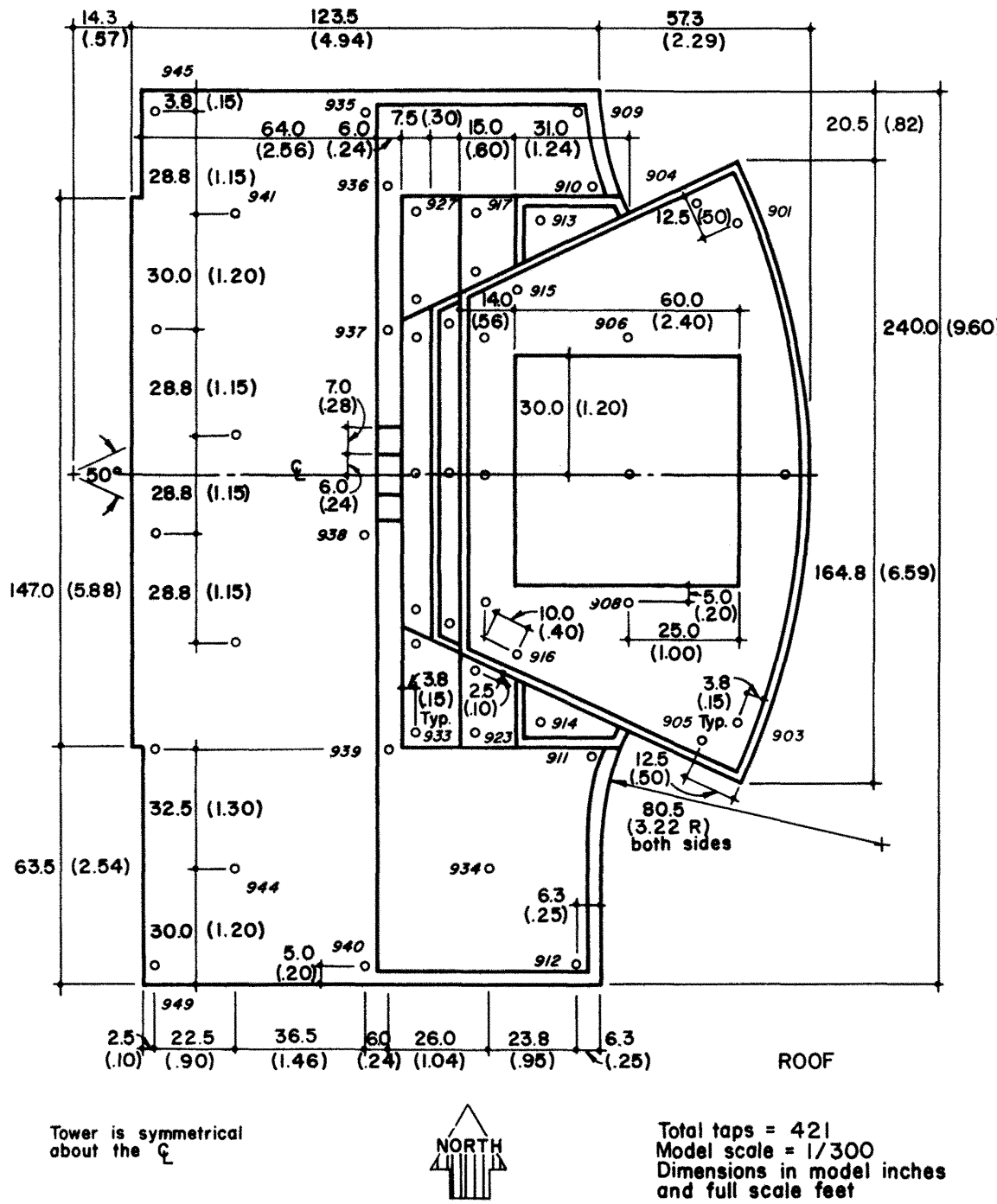


Figure 3a. Pressure Tap Locations

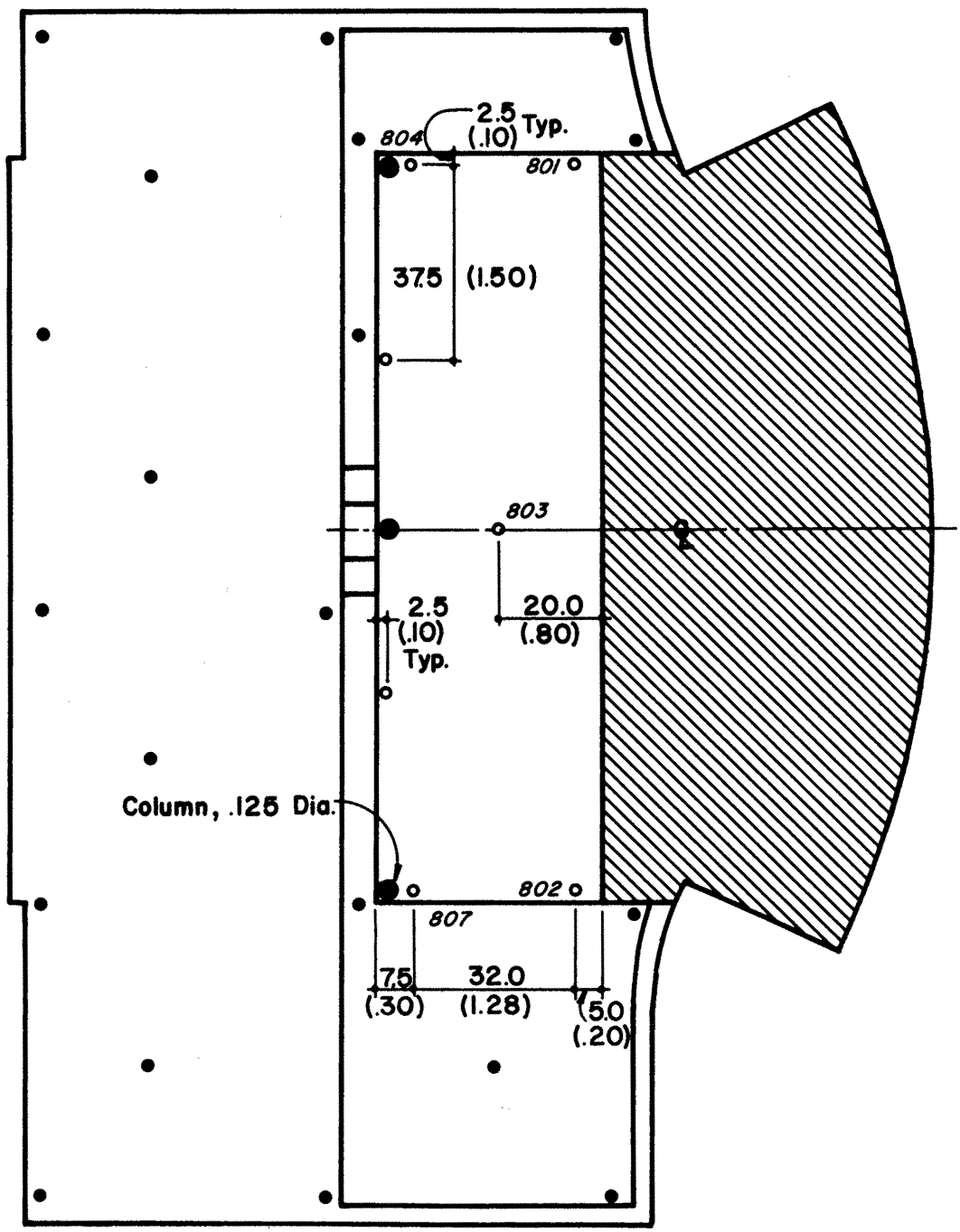


Figure 3b. Pressure Tap Locations

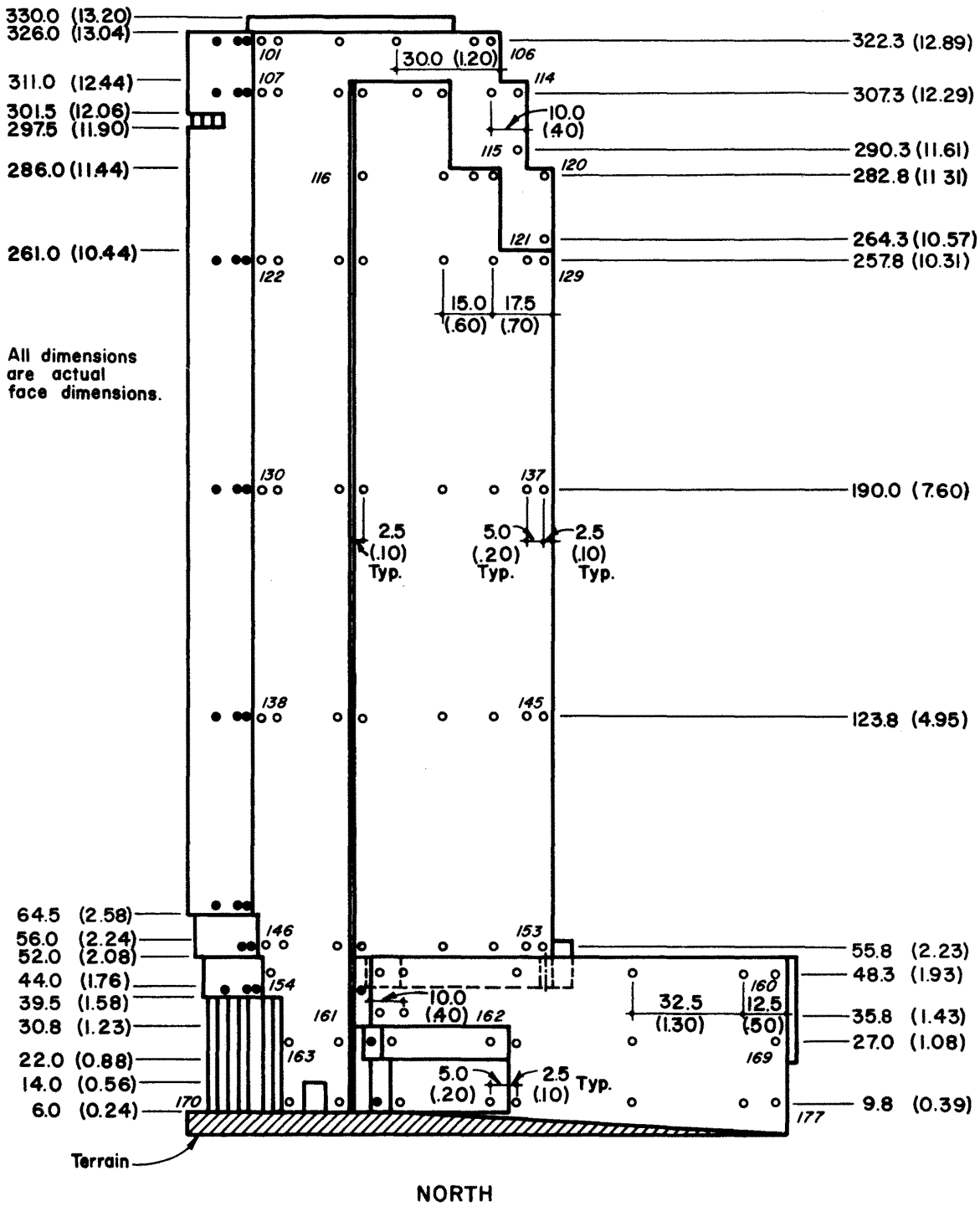


Figure 3c. Pressure Tap Locations

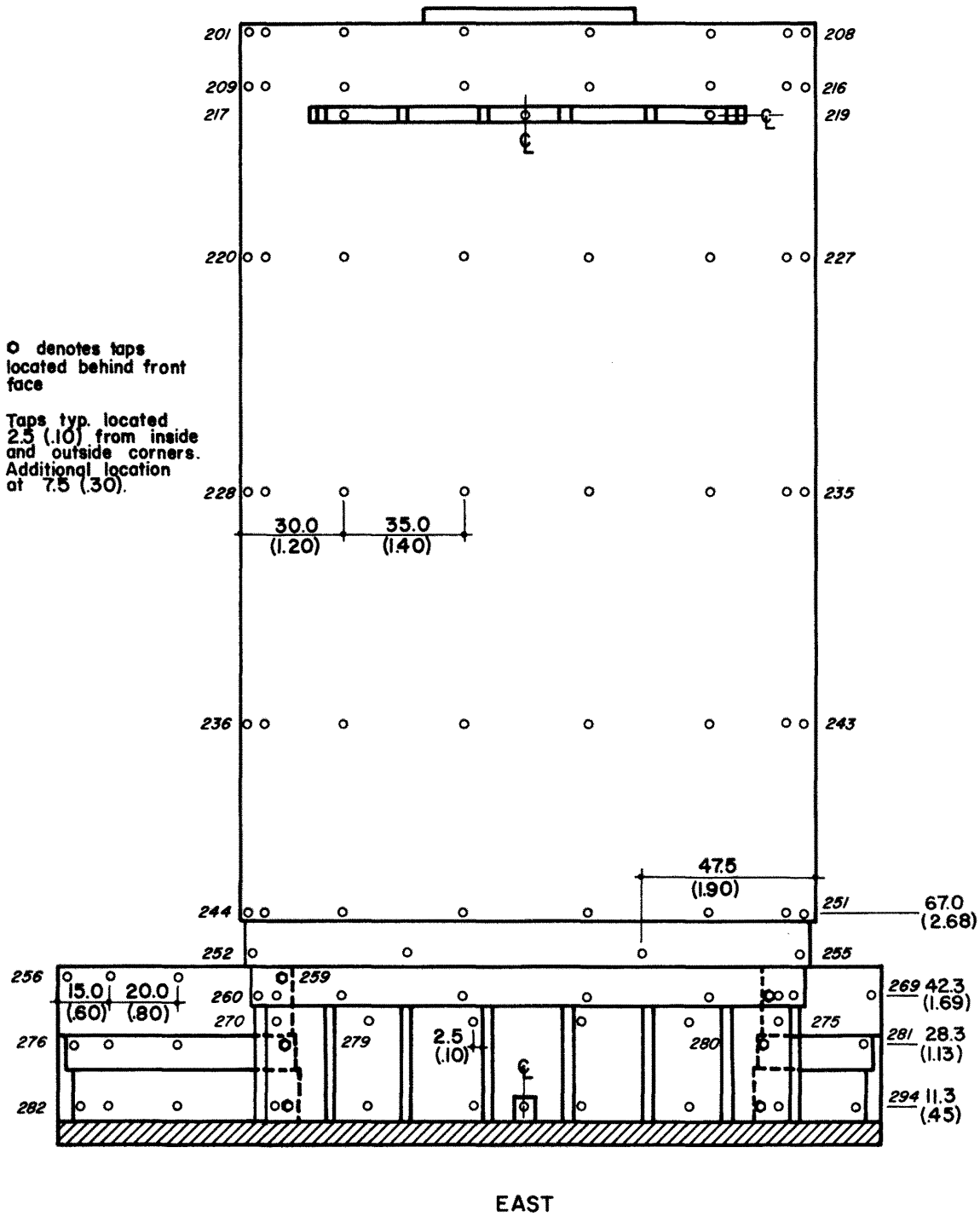


Figure 3d. Pressure Tap Locations

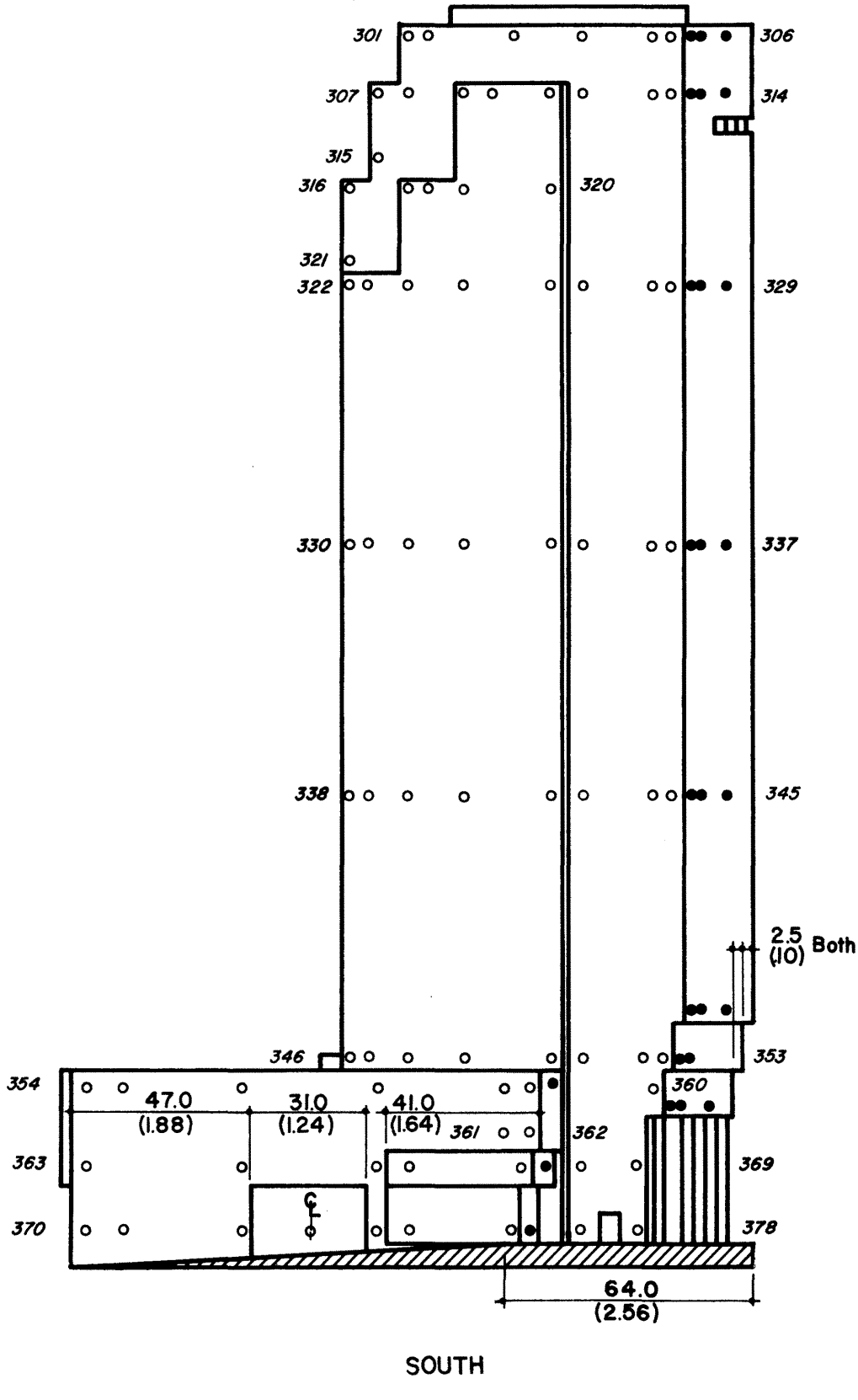


Figure 3e. Pressure Tap Locations

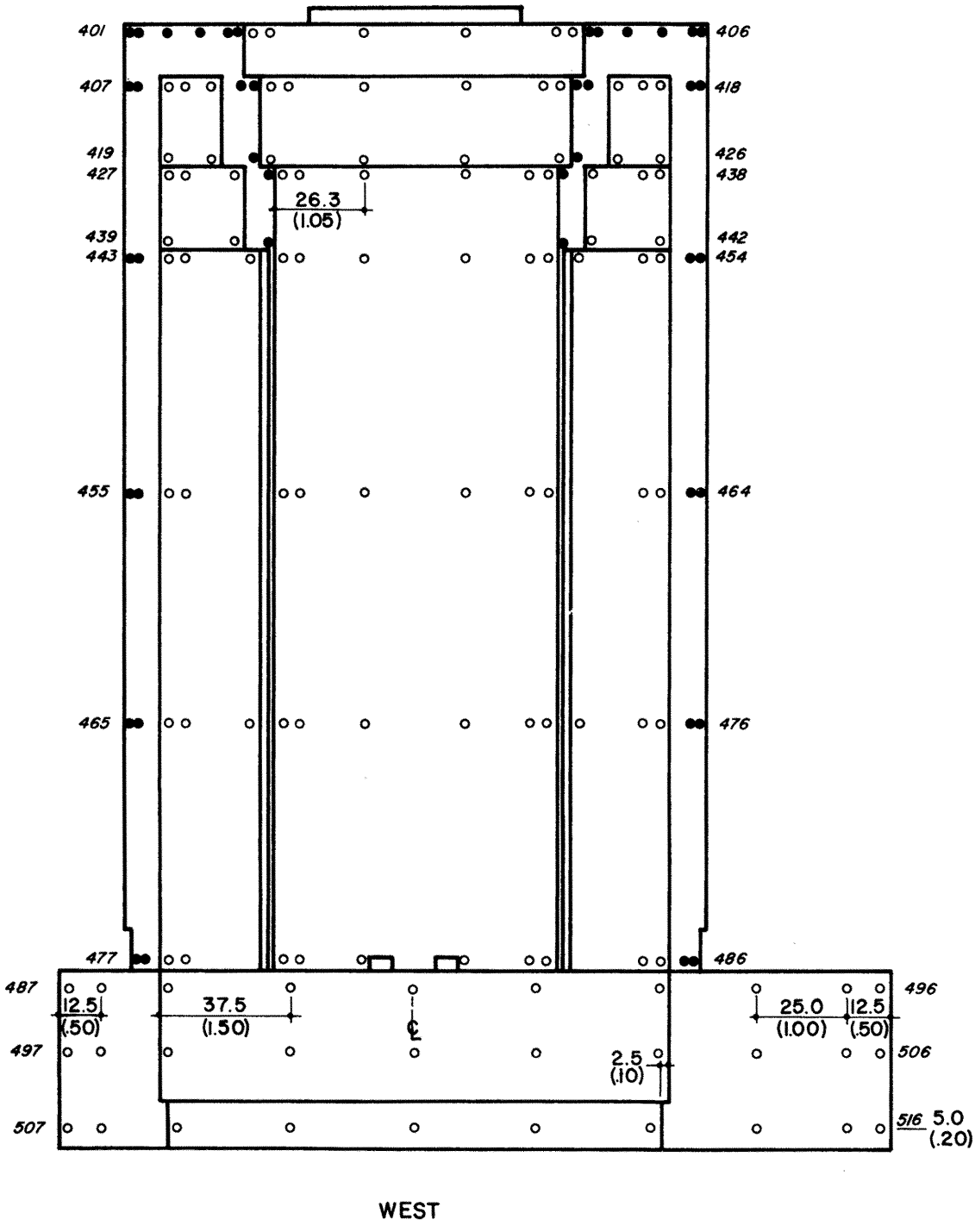


Figure 3f. Pressure Tap Locations

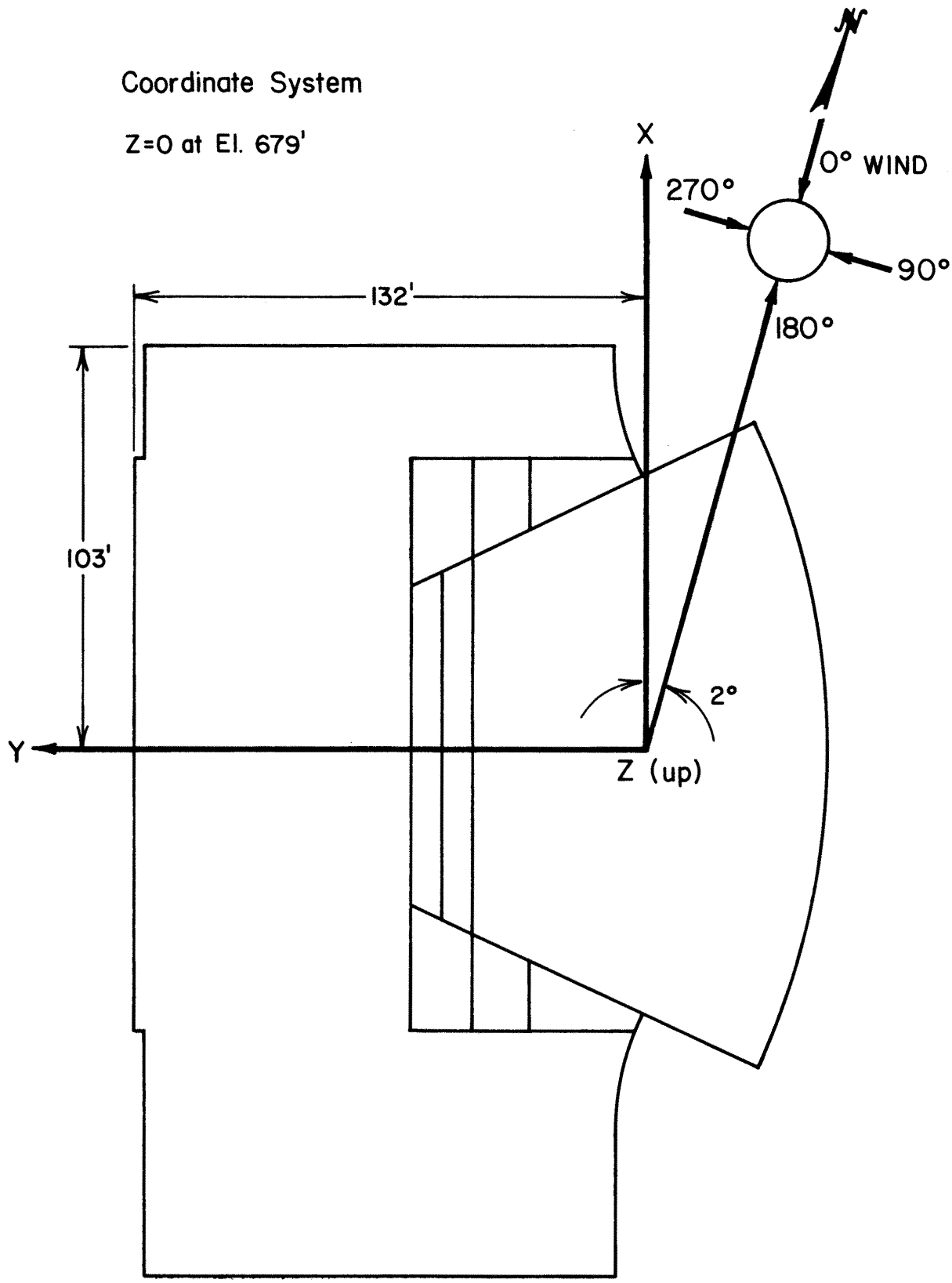


Figure 3g. Pressure Tap Locations

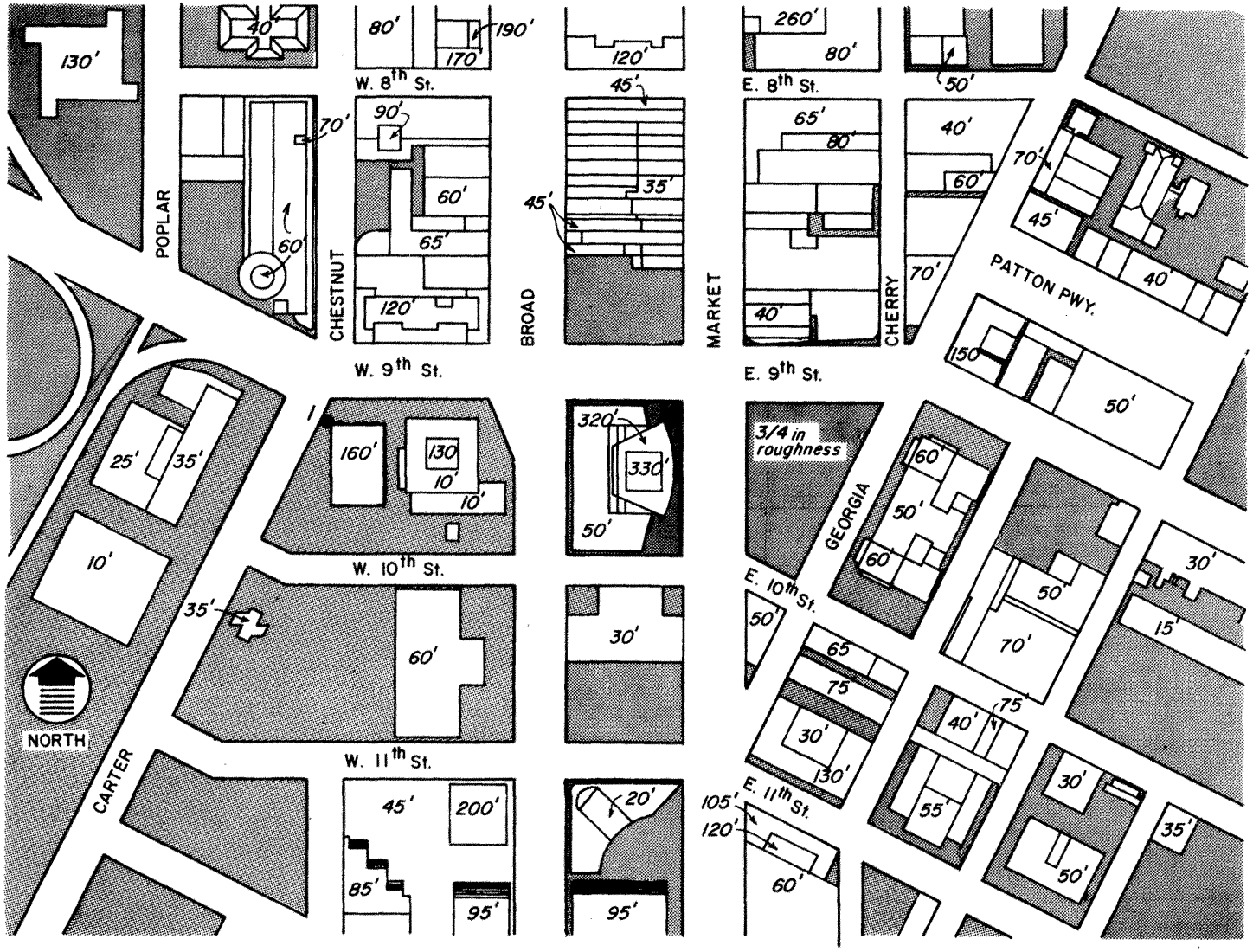


Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions

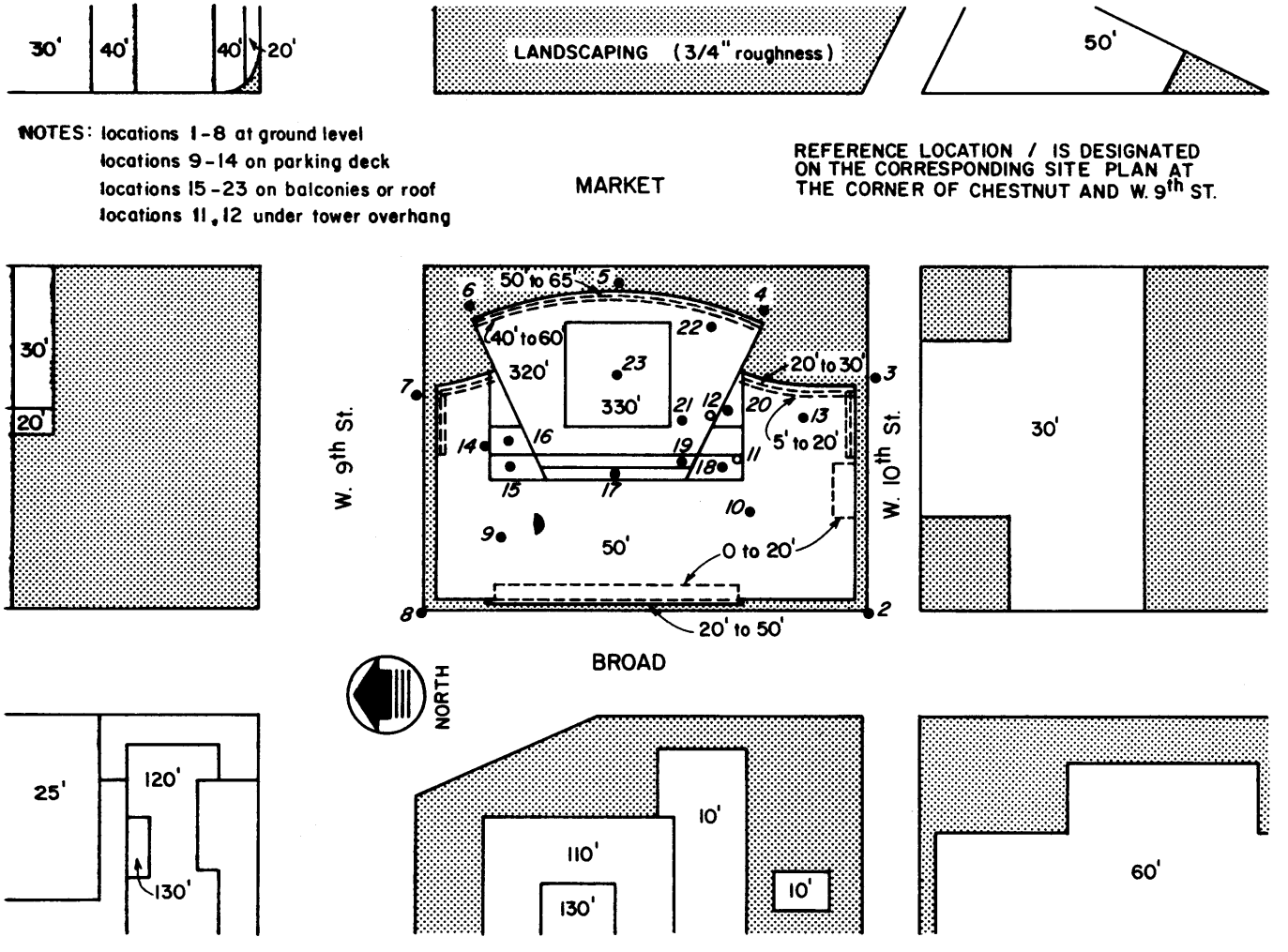


Figure 4b. Building Location and Pedestrian Wind Velocity Measuring Positions

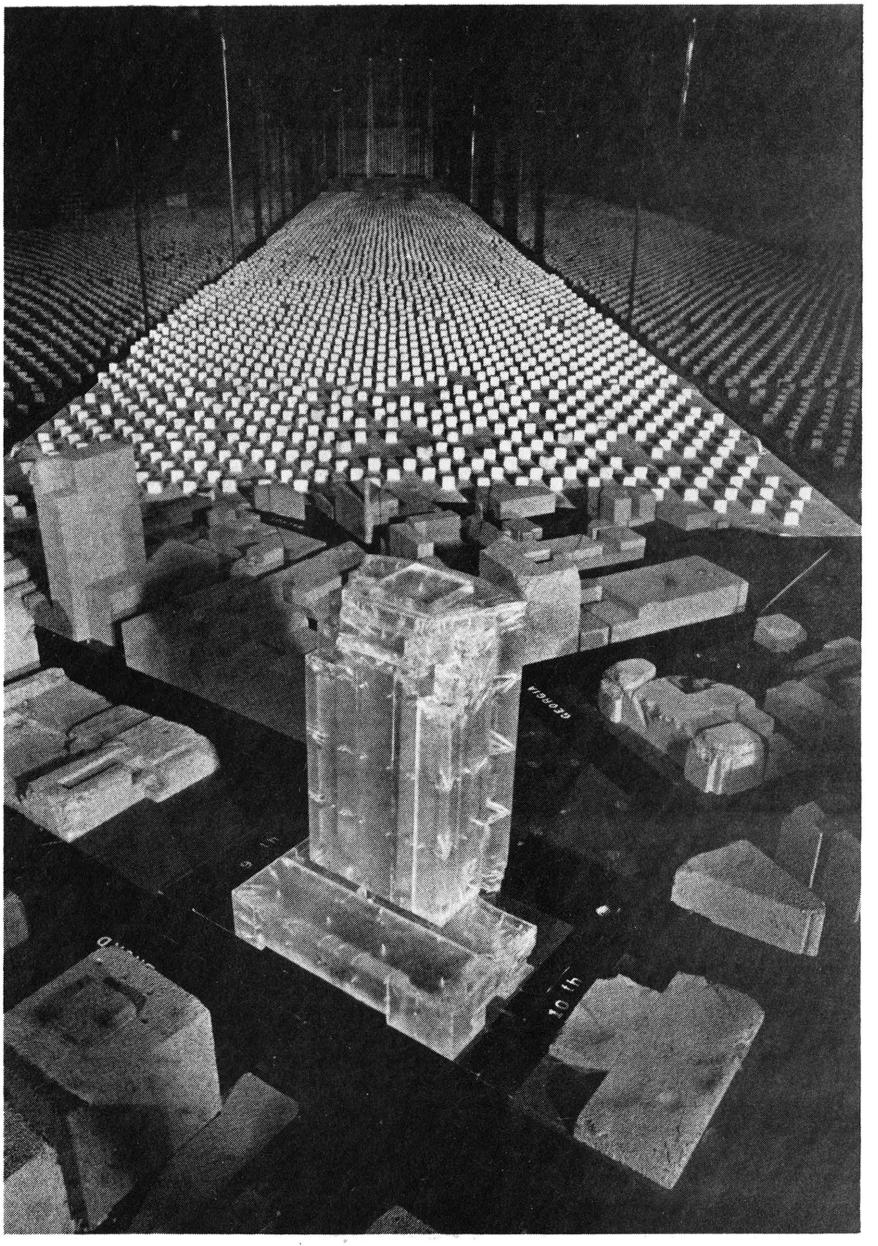
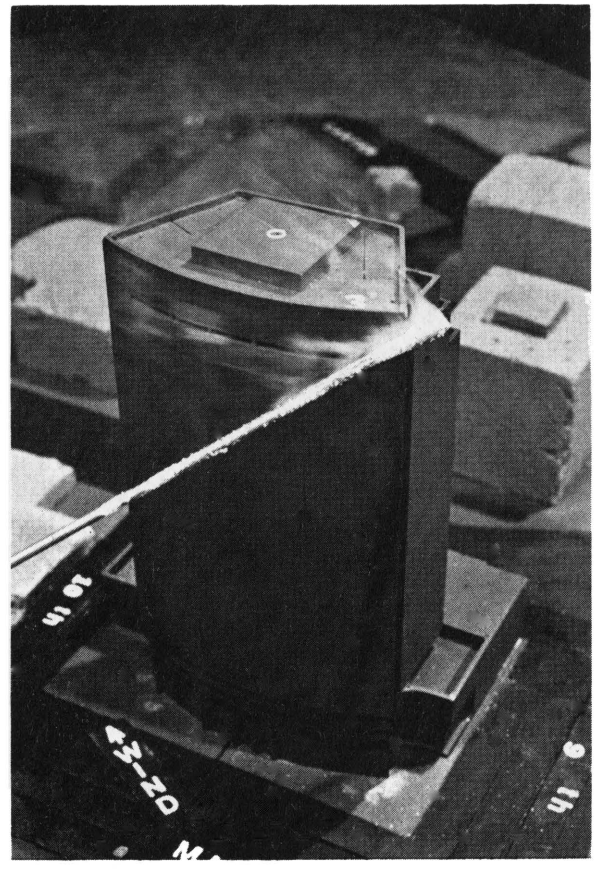


Figure 5. Completed Model in Wind Tunnel



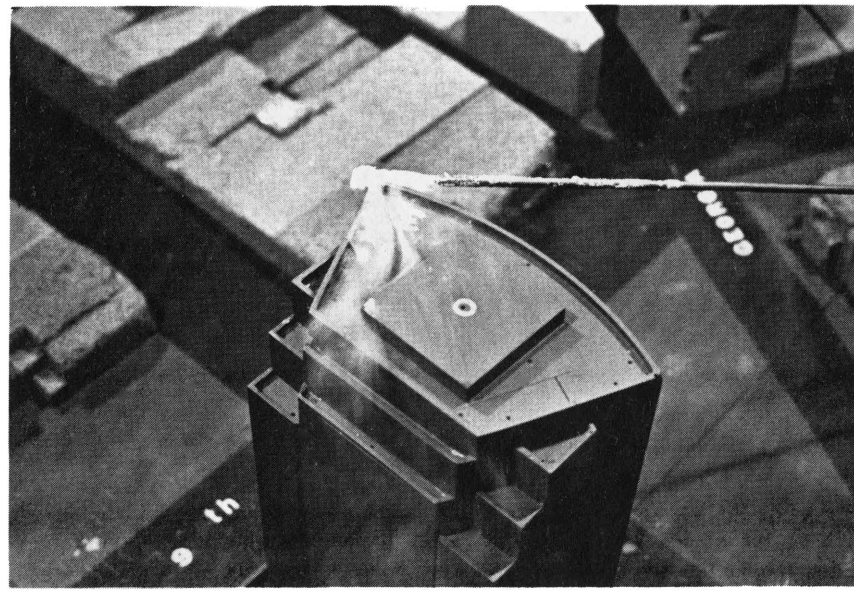


Figure 5. Completed Model in Wind Tunnel

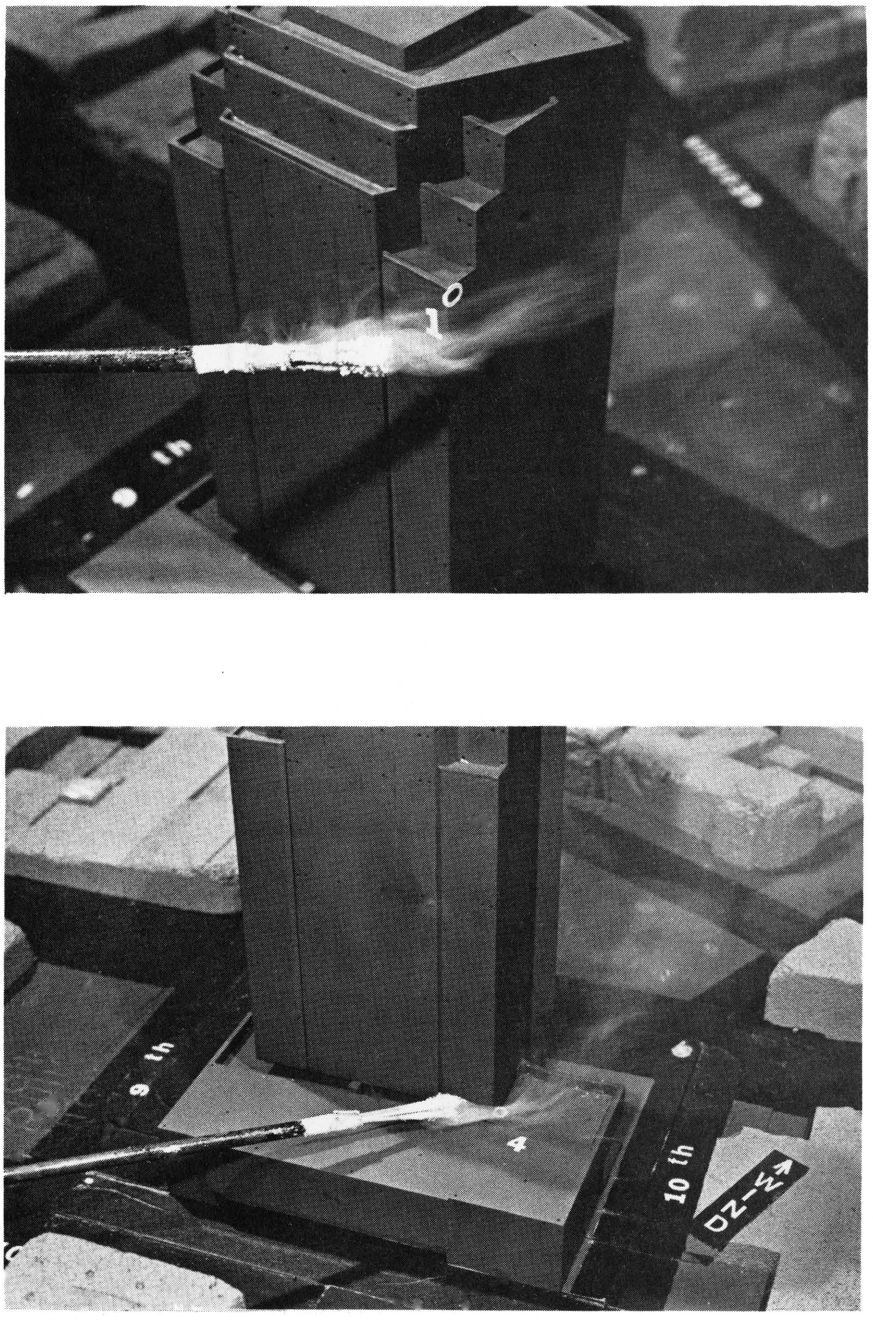


Figure 5. Completed Model in Wind Tunnel

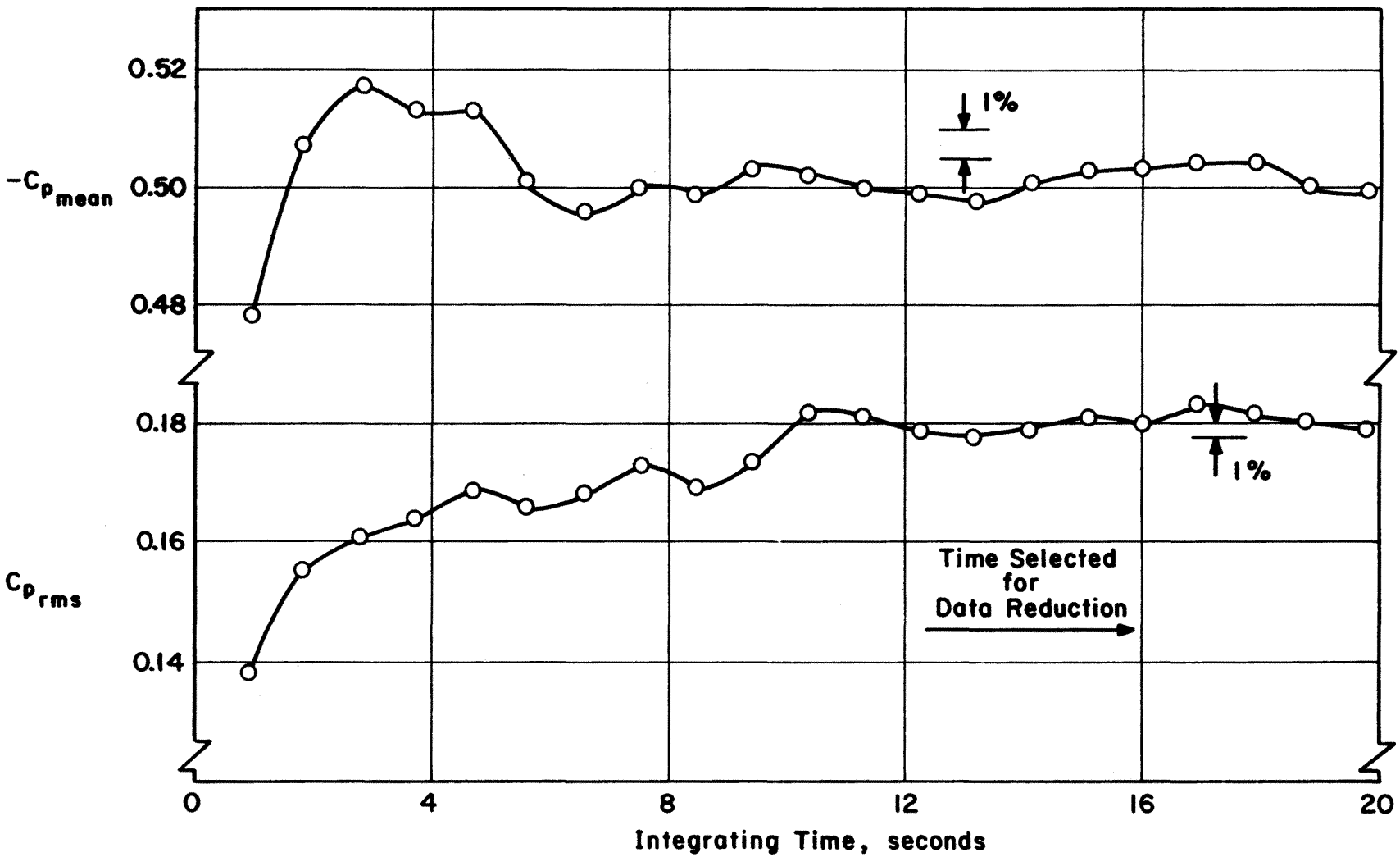


Figure 6. Data Sampling Time Verification

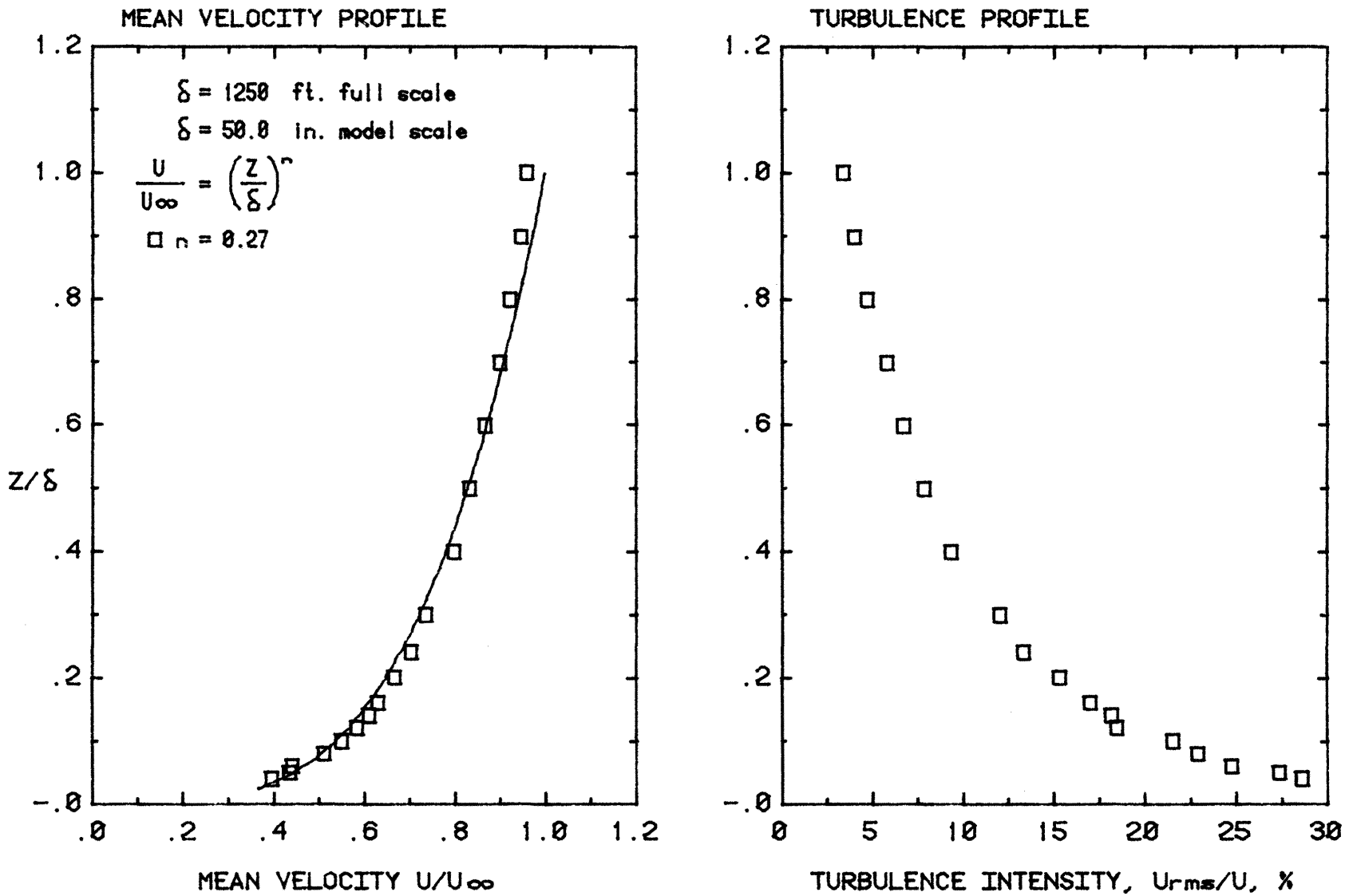


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

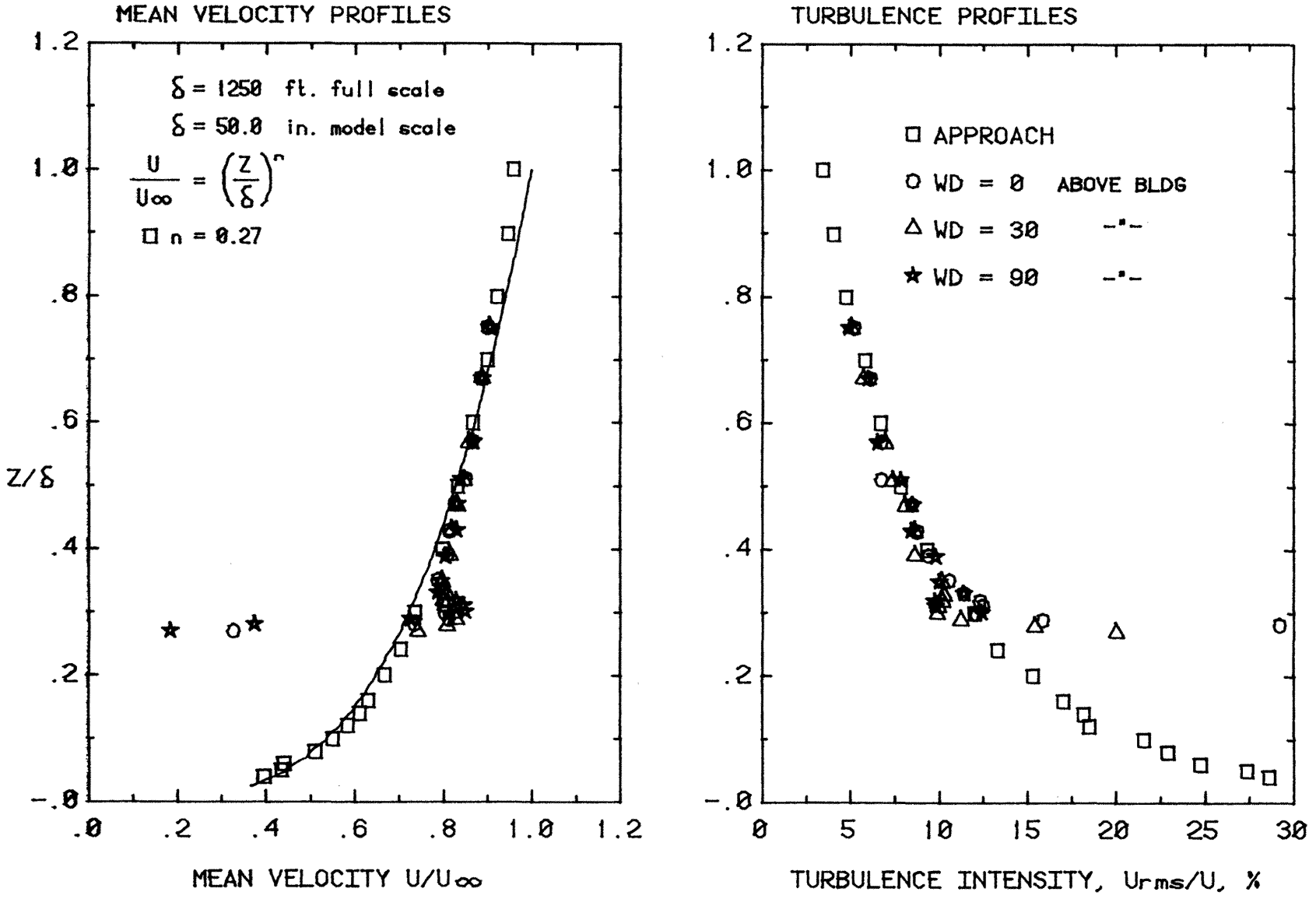


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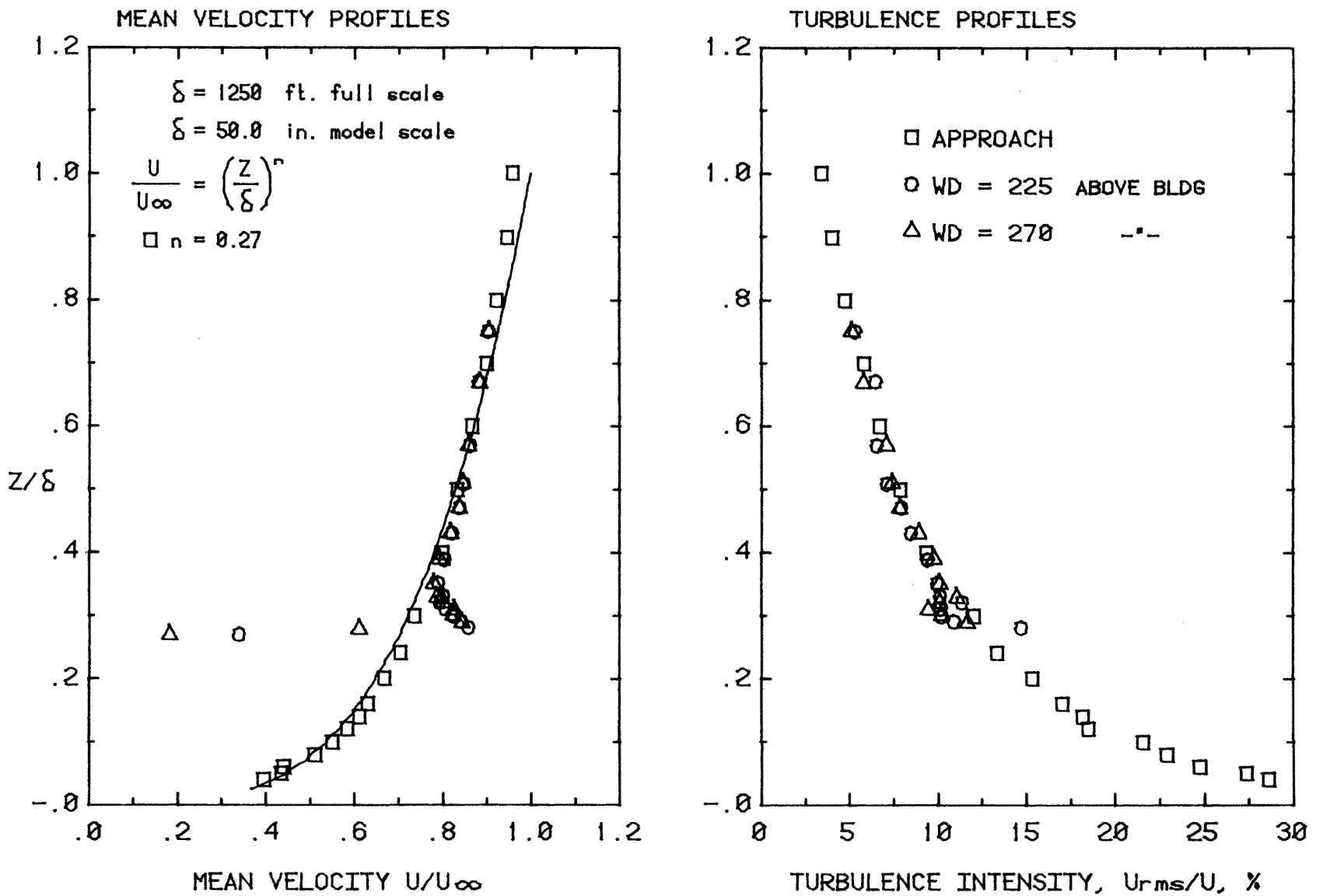


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

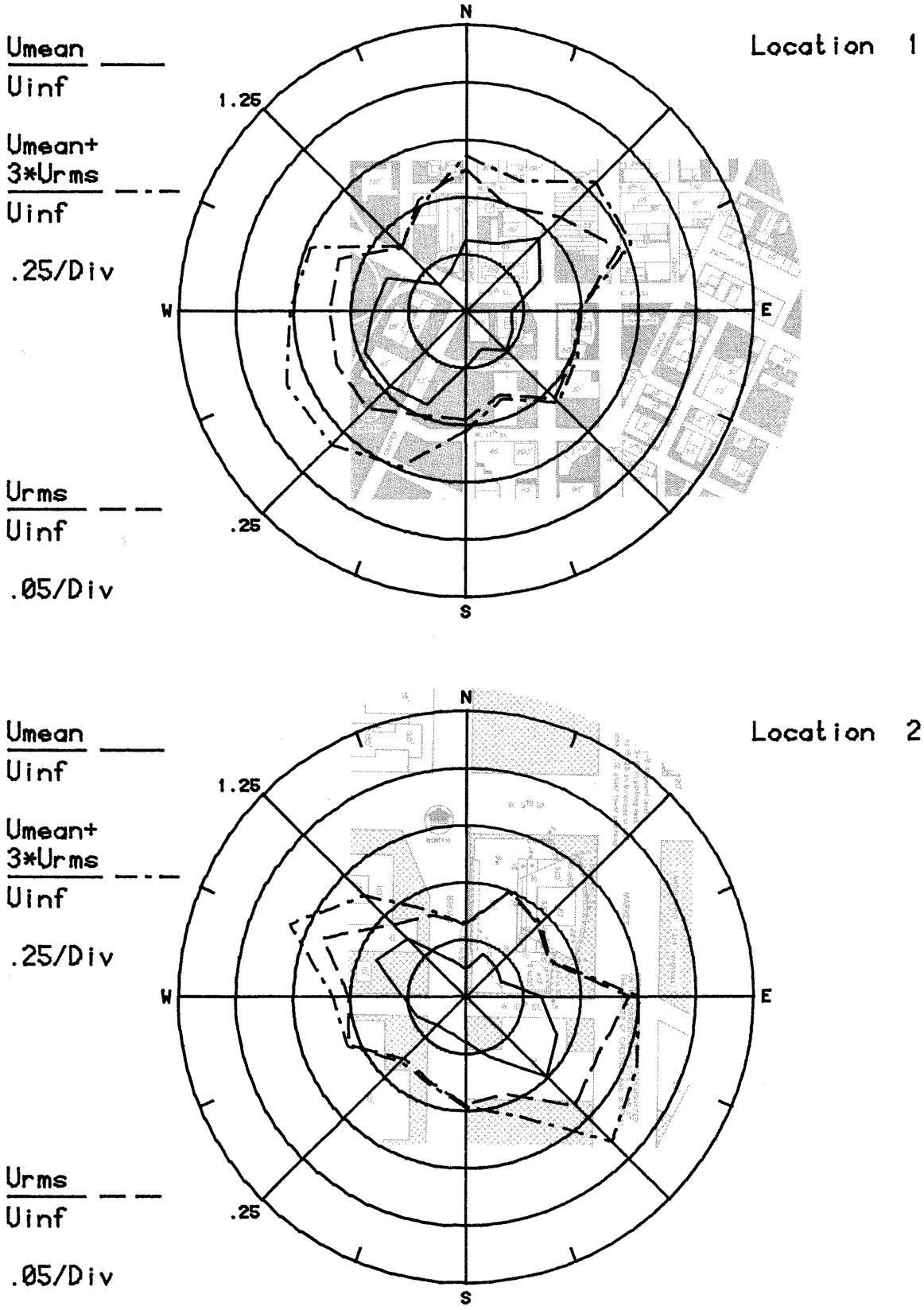
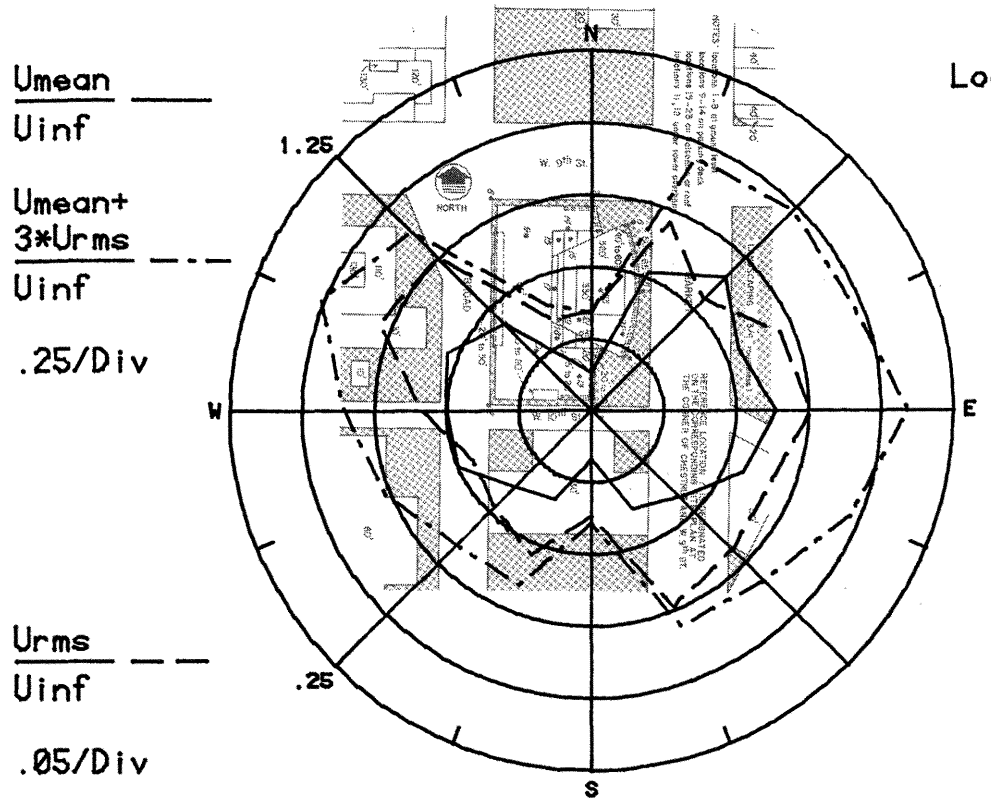


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2



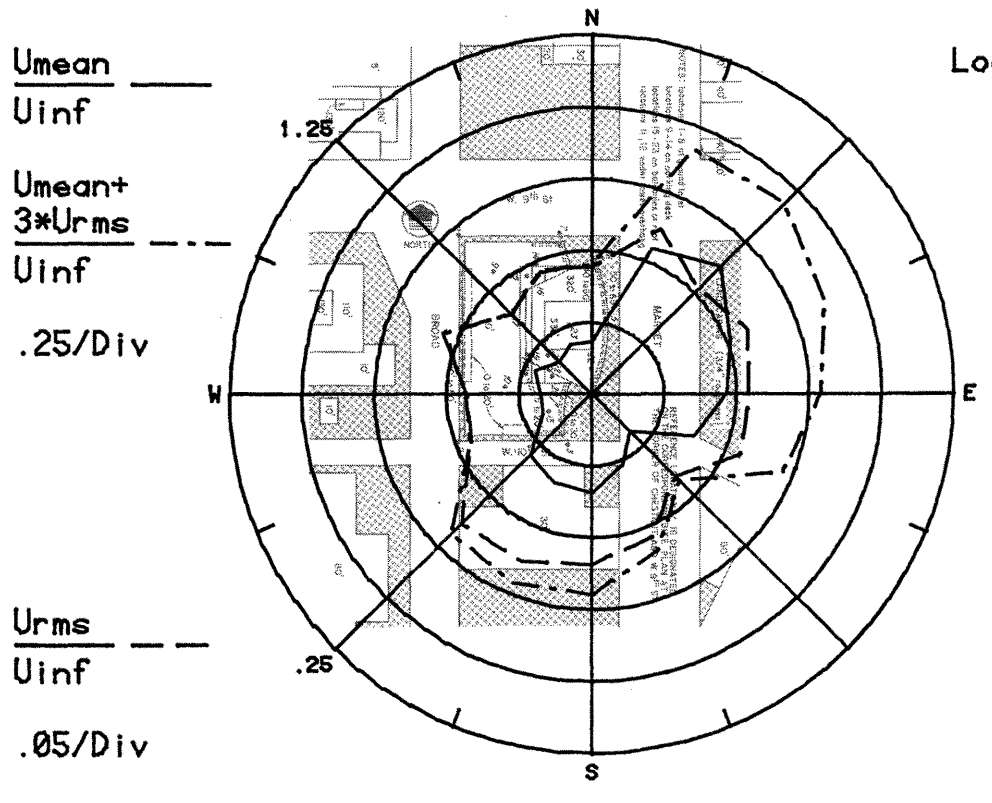


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

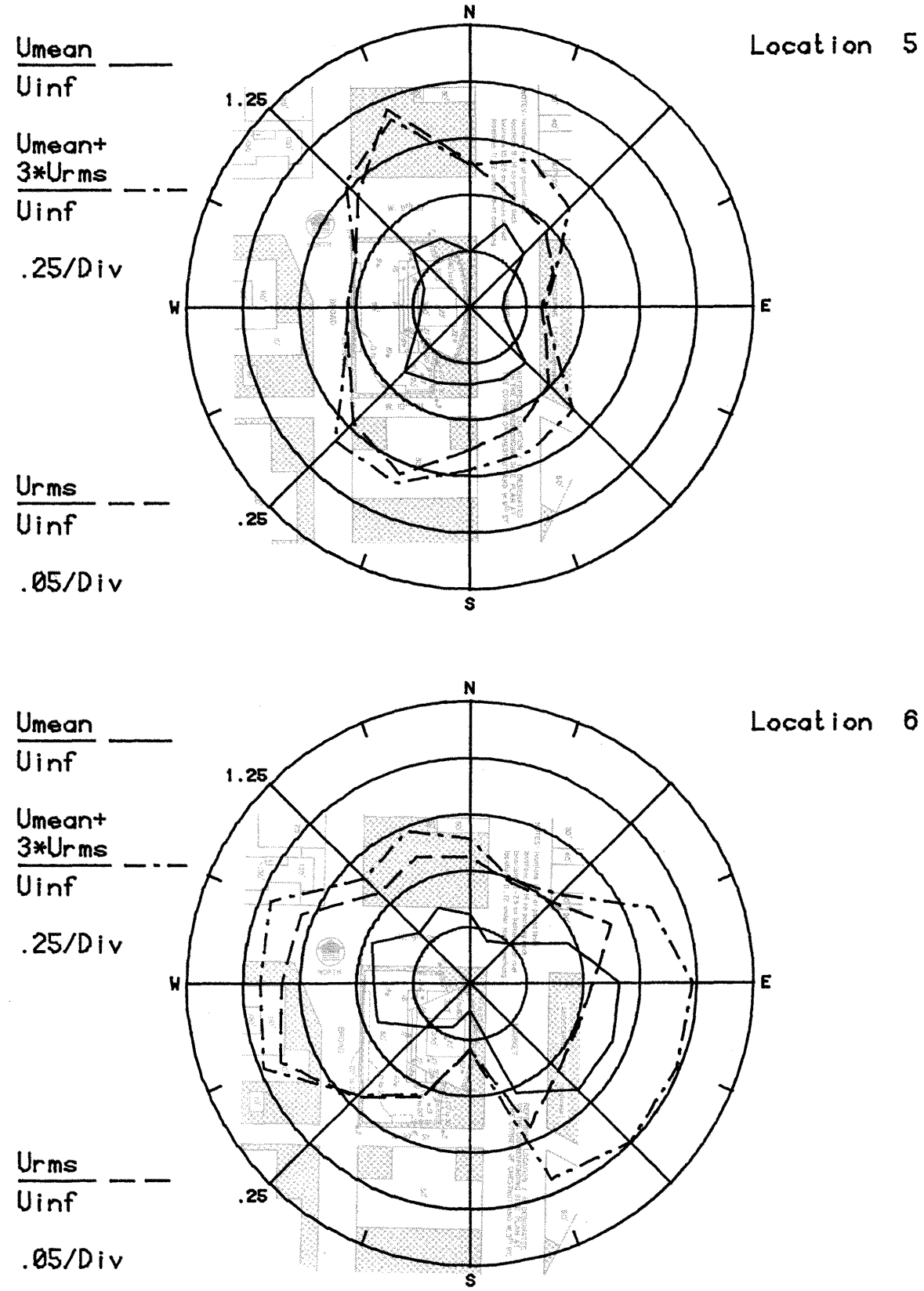


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

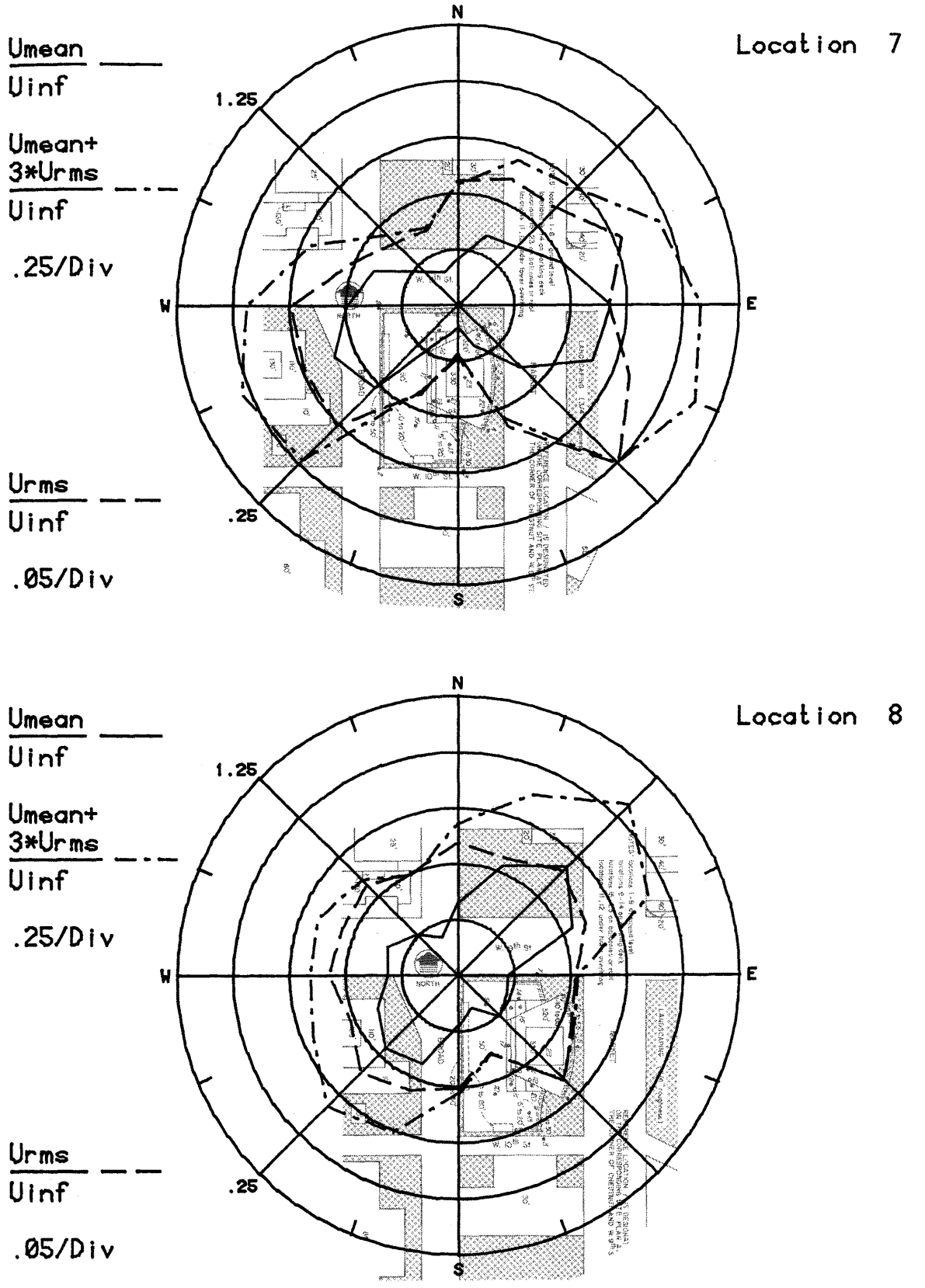


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

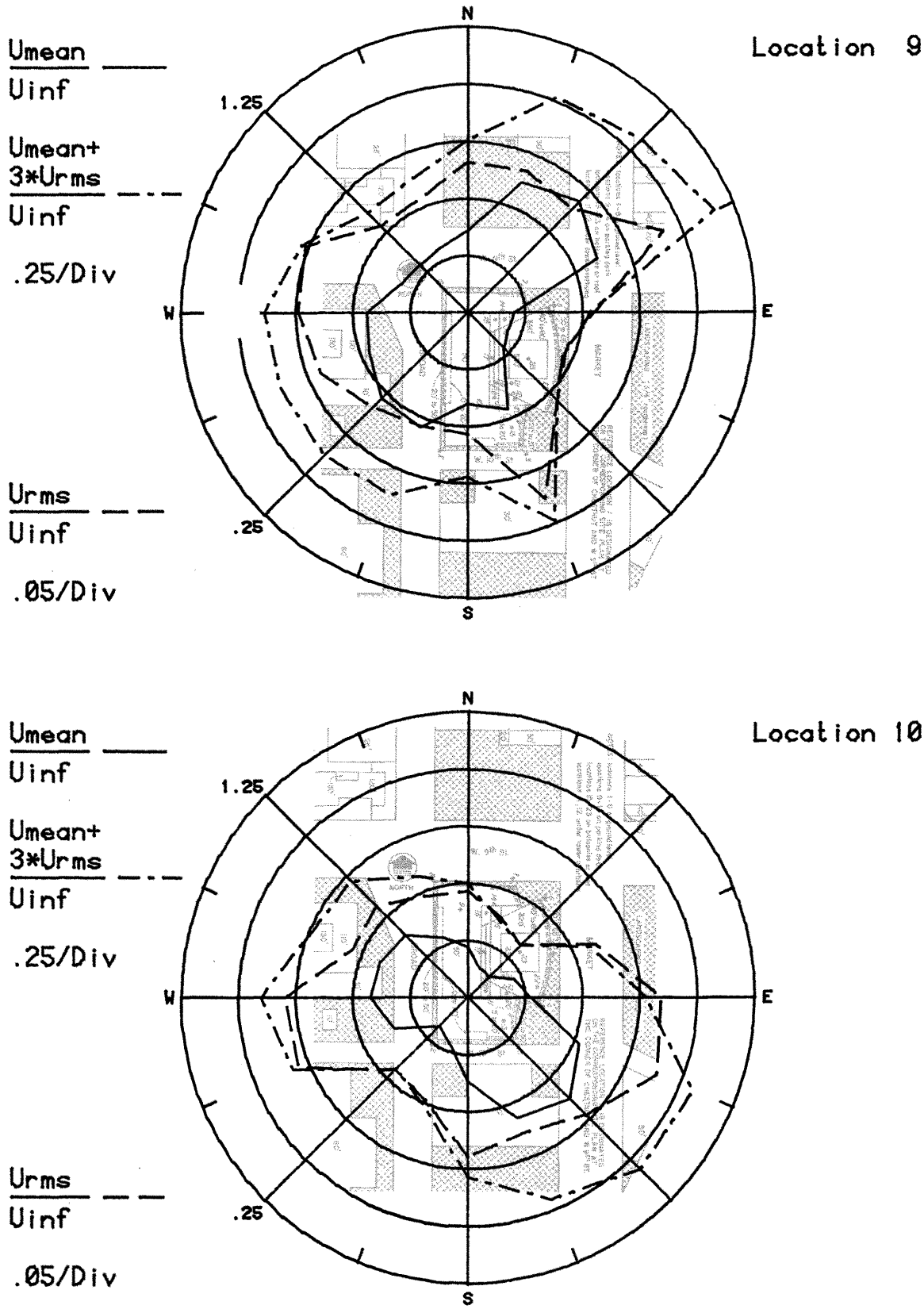


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

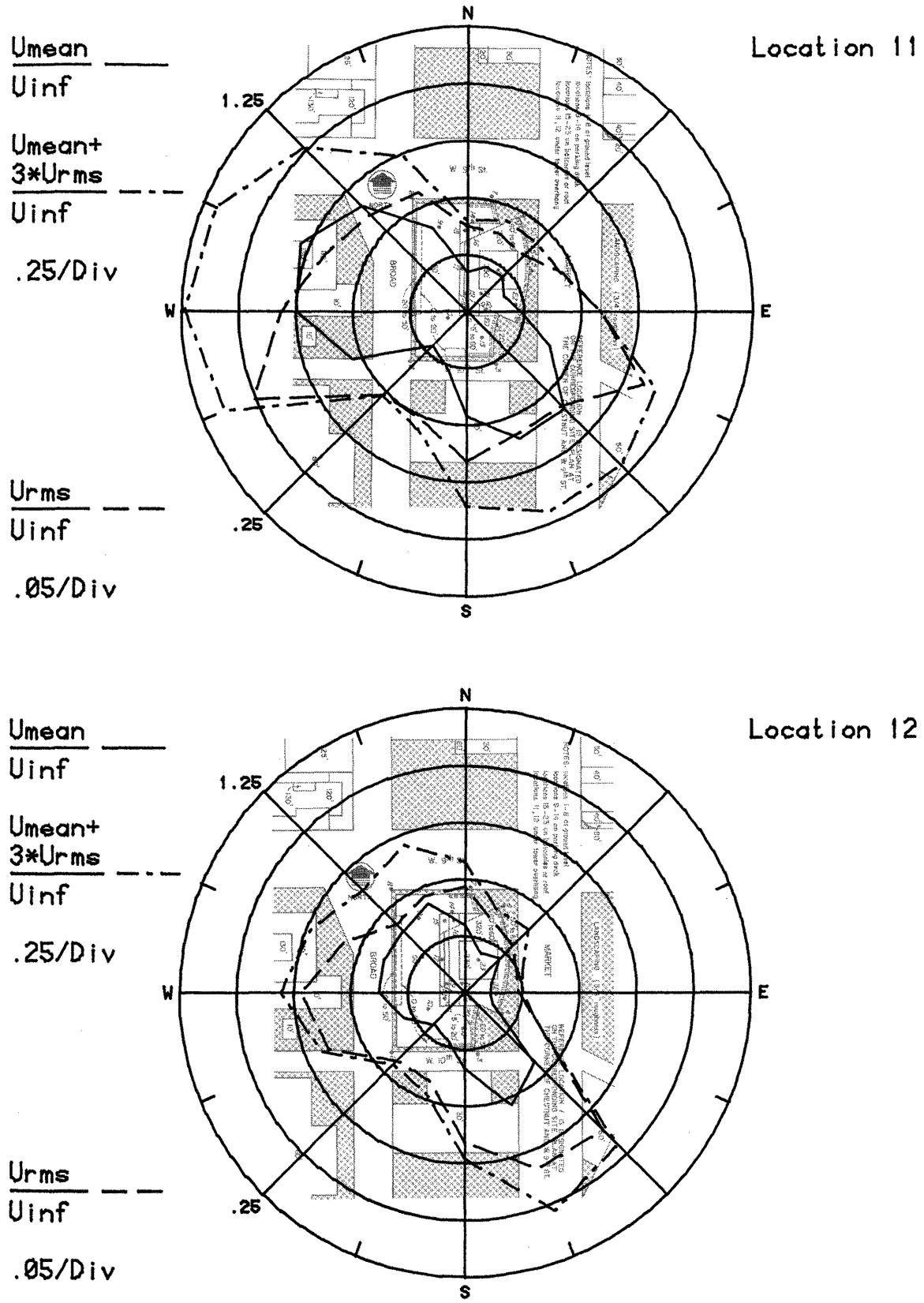


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

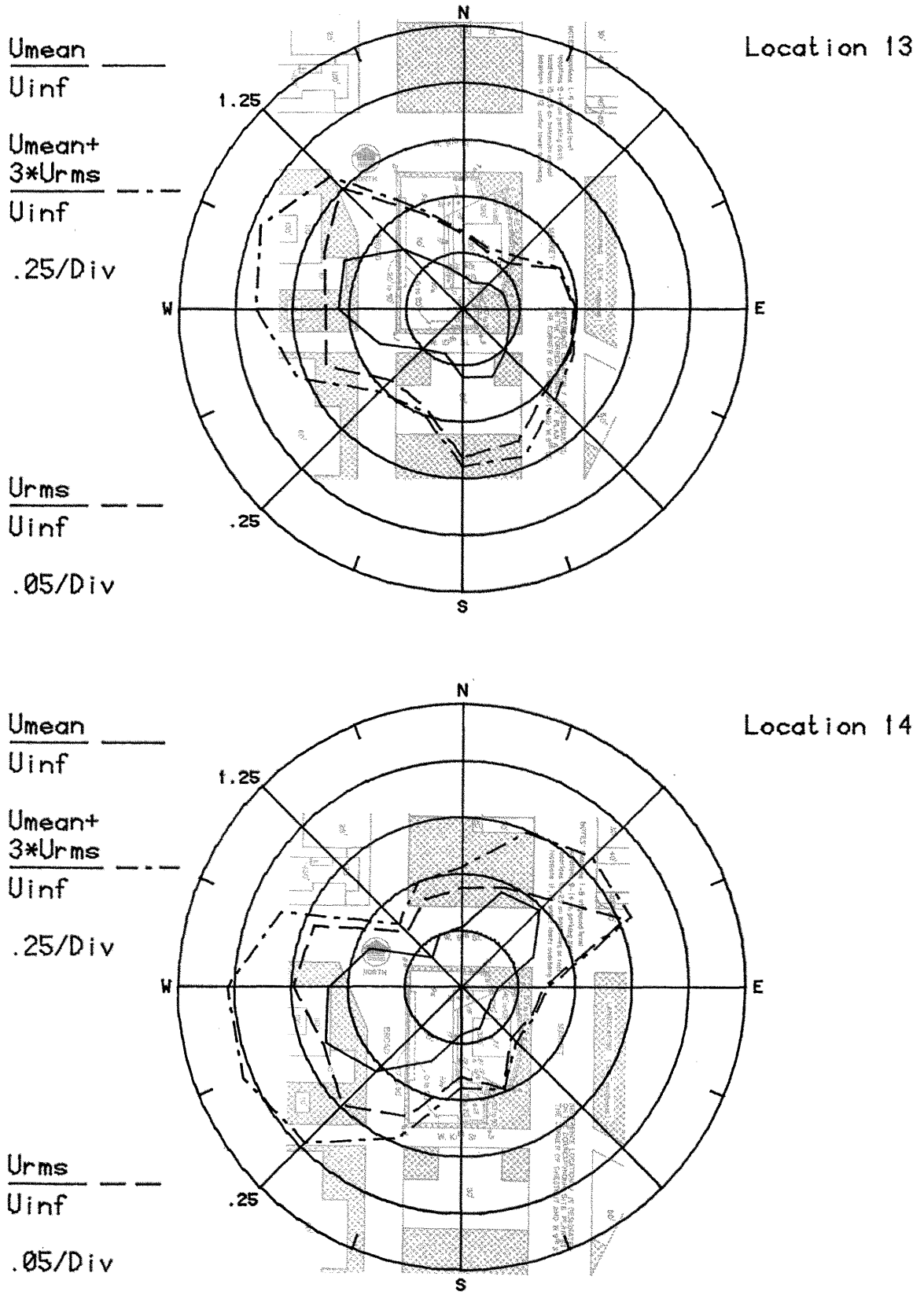


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

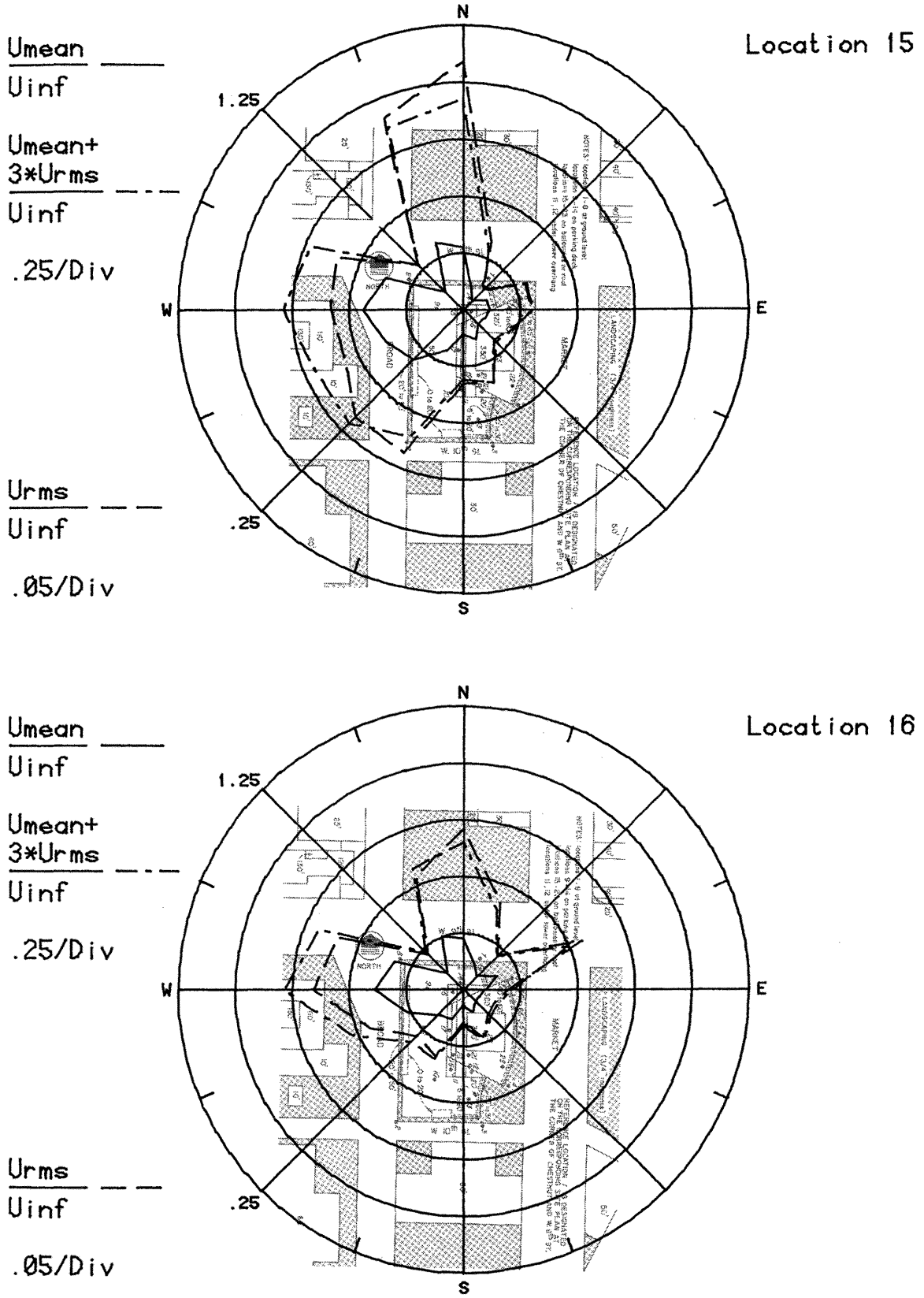


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

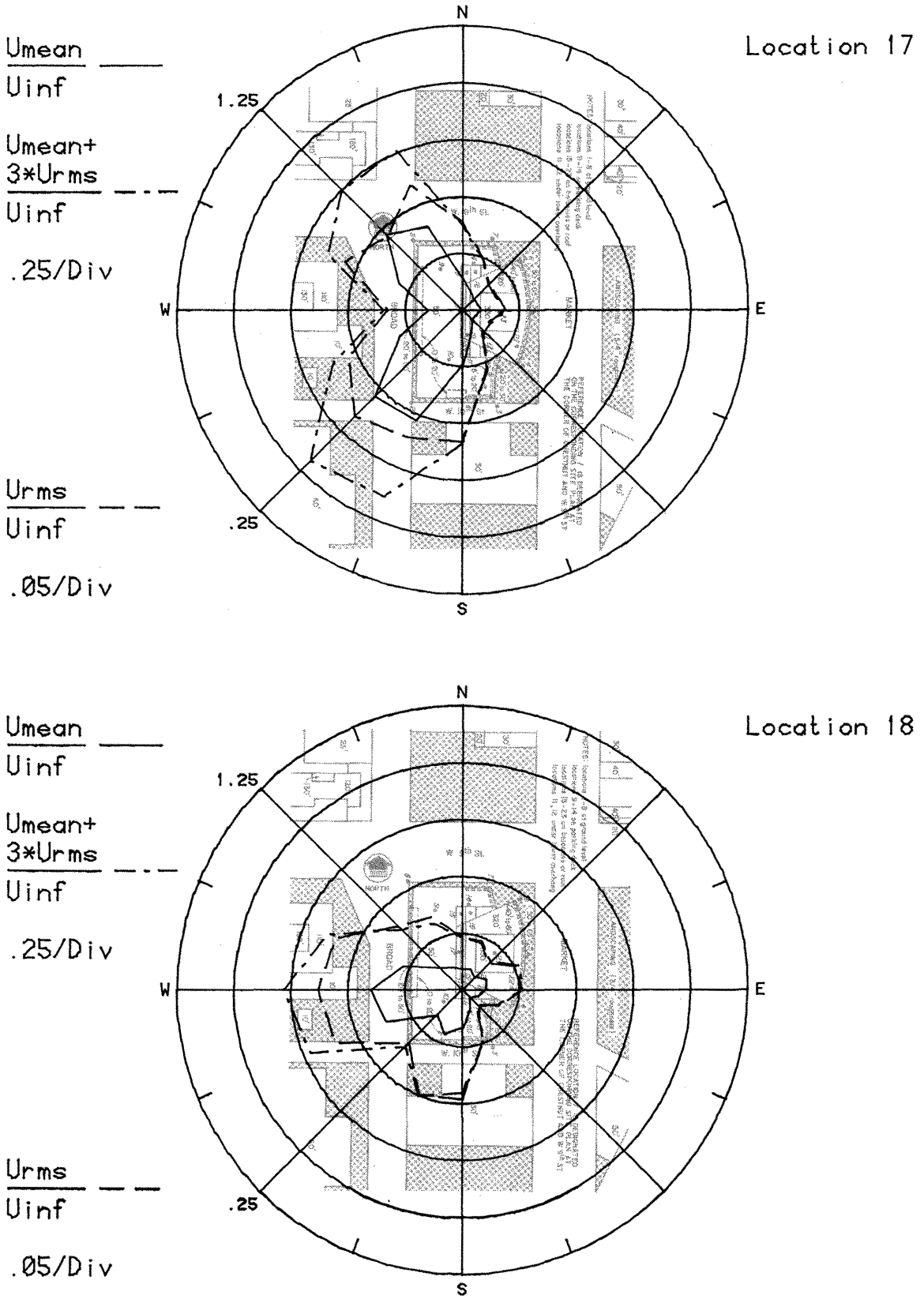
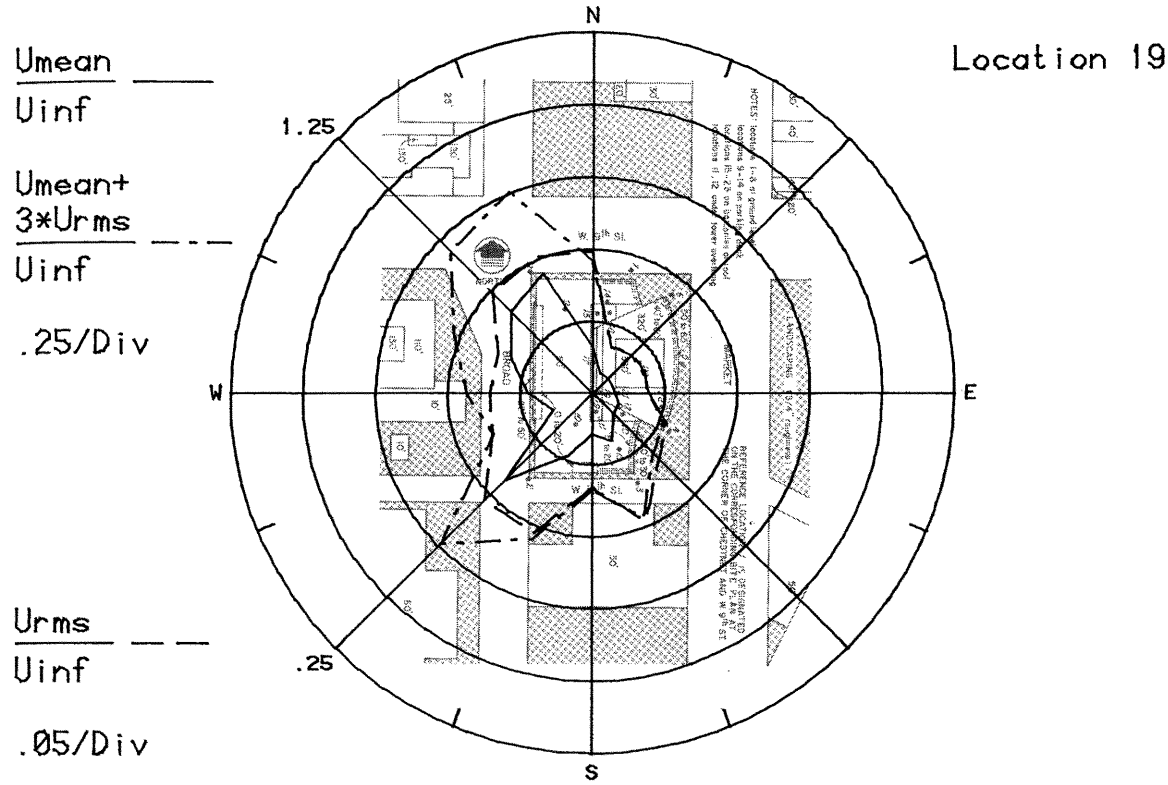


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18



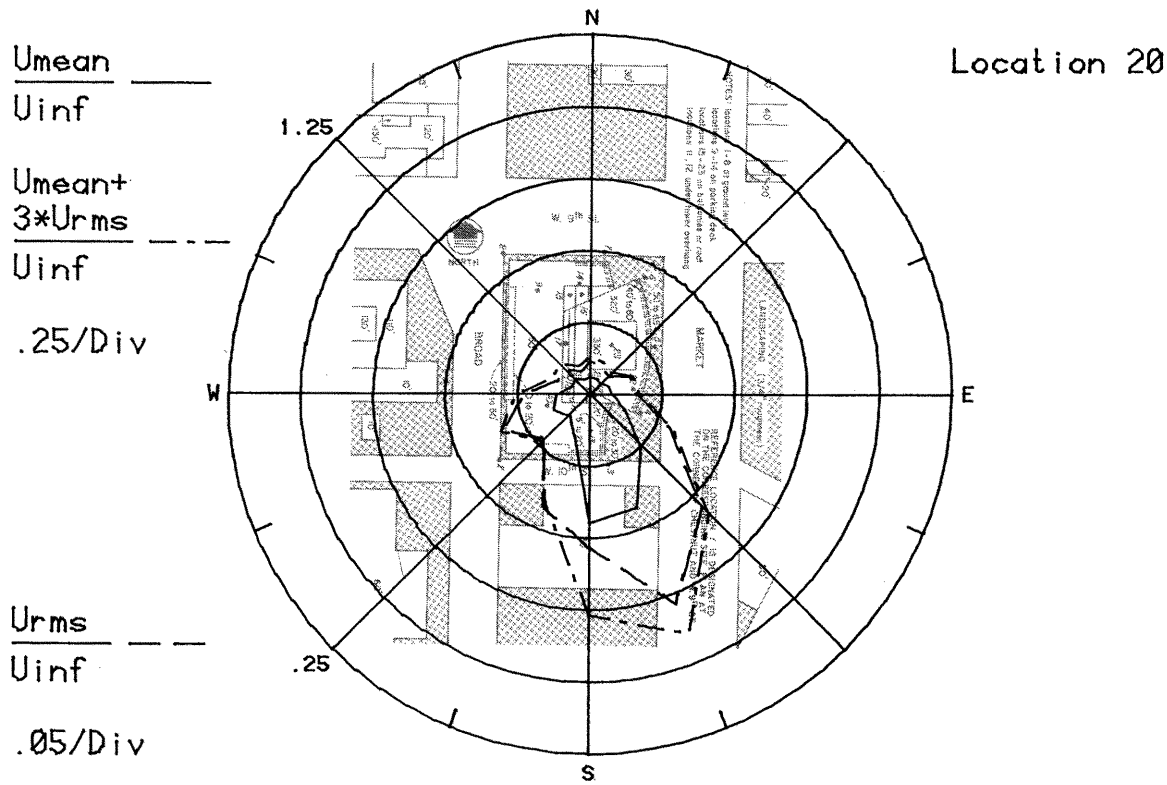
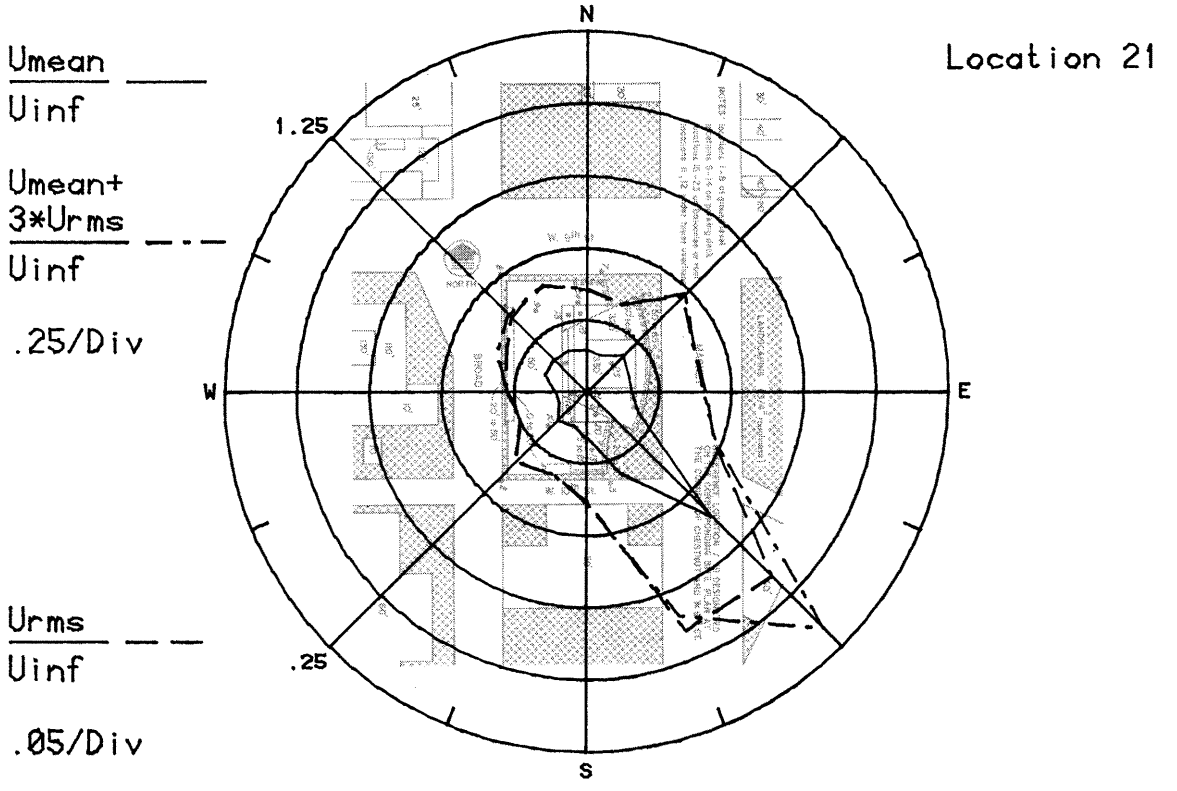


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20



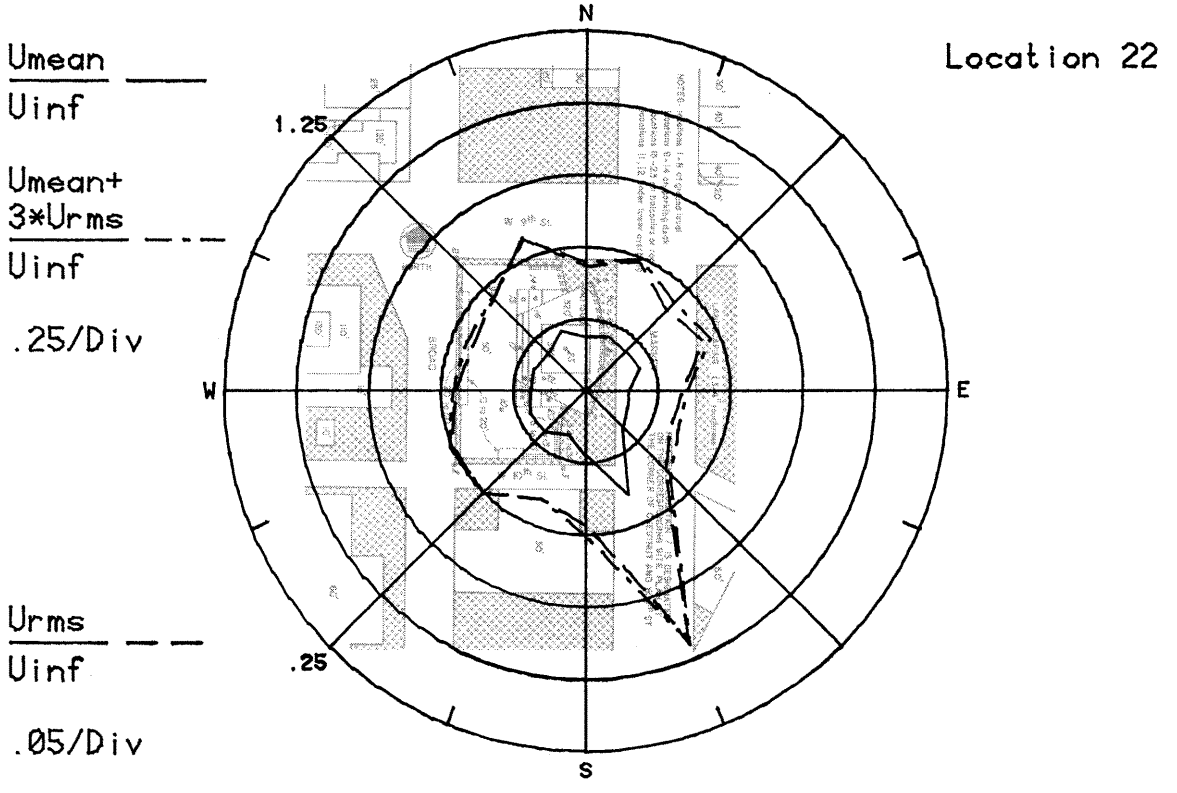


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22

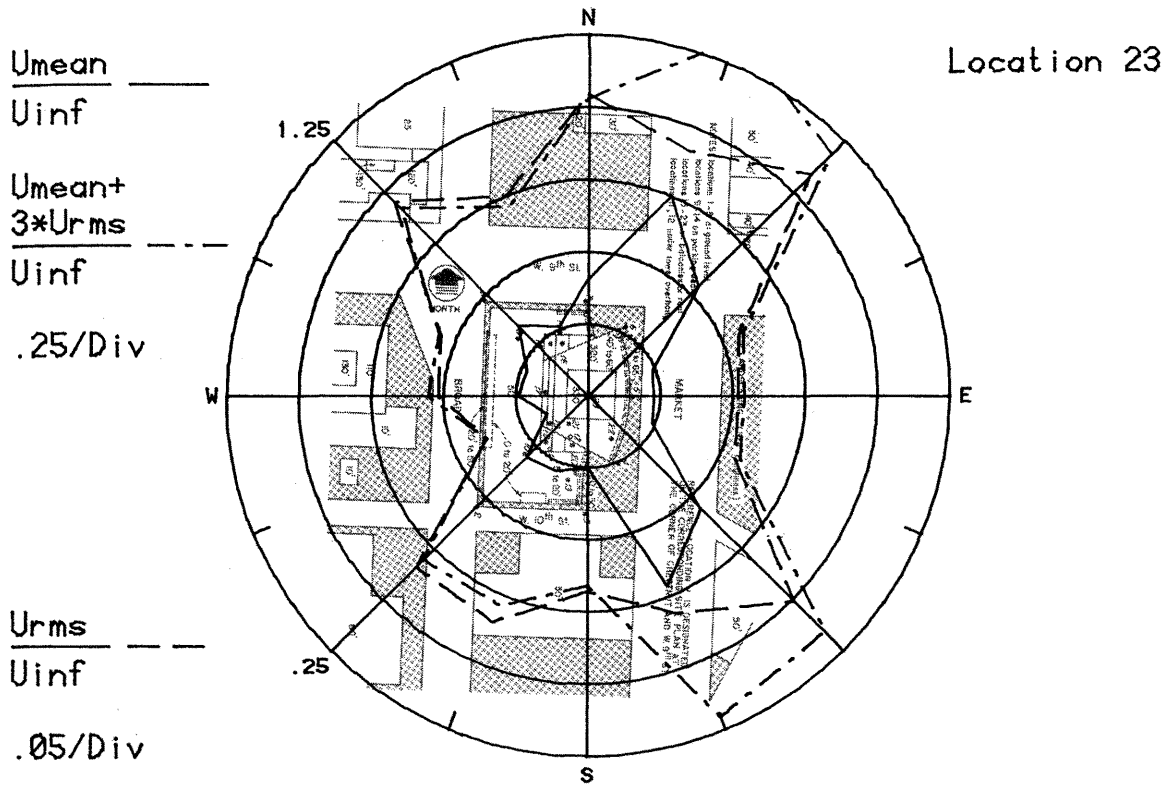


Figure 81. Mean Velocities and Turbulence Intensities at Pedestrian Location 23

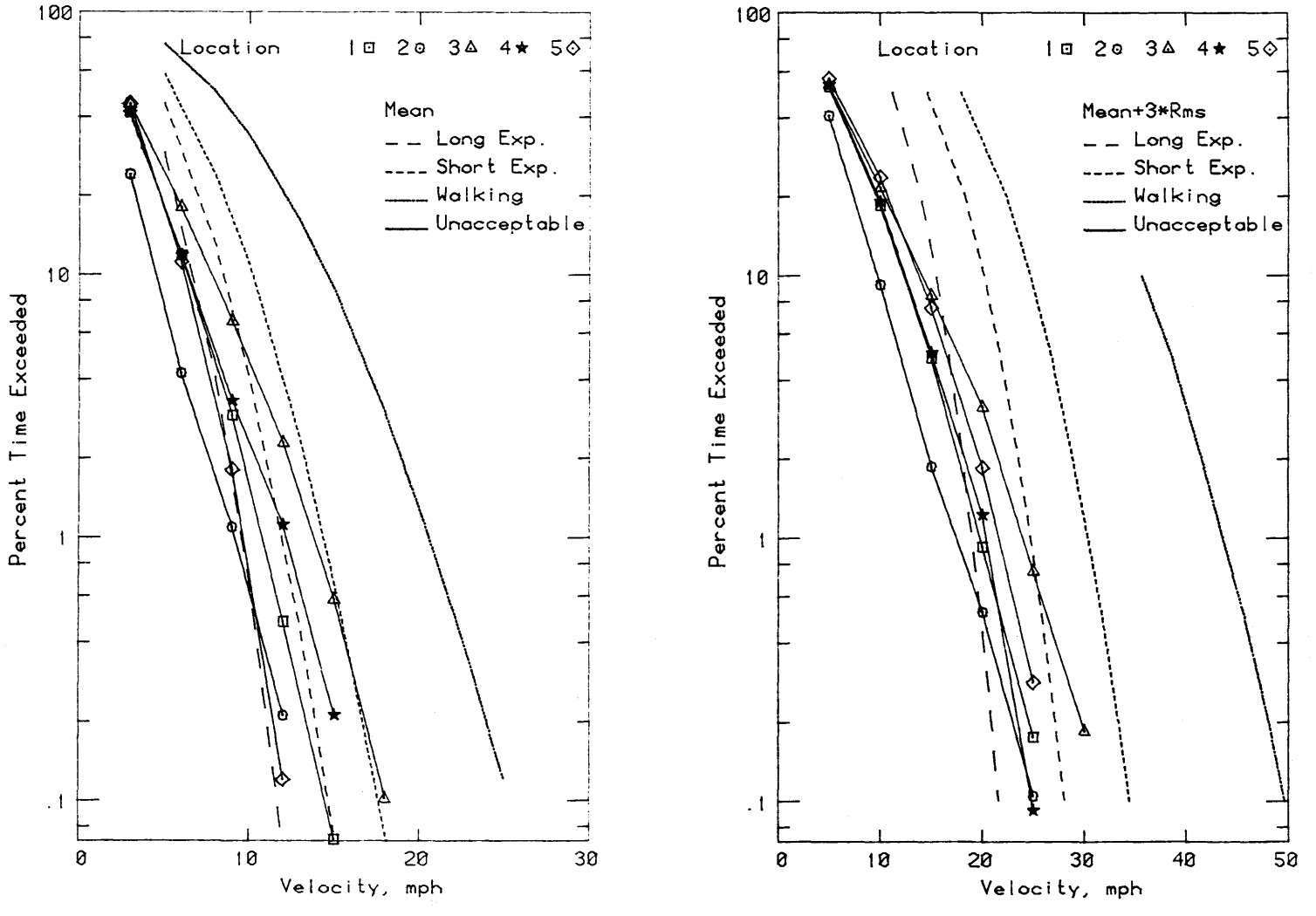


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

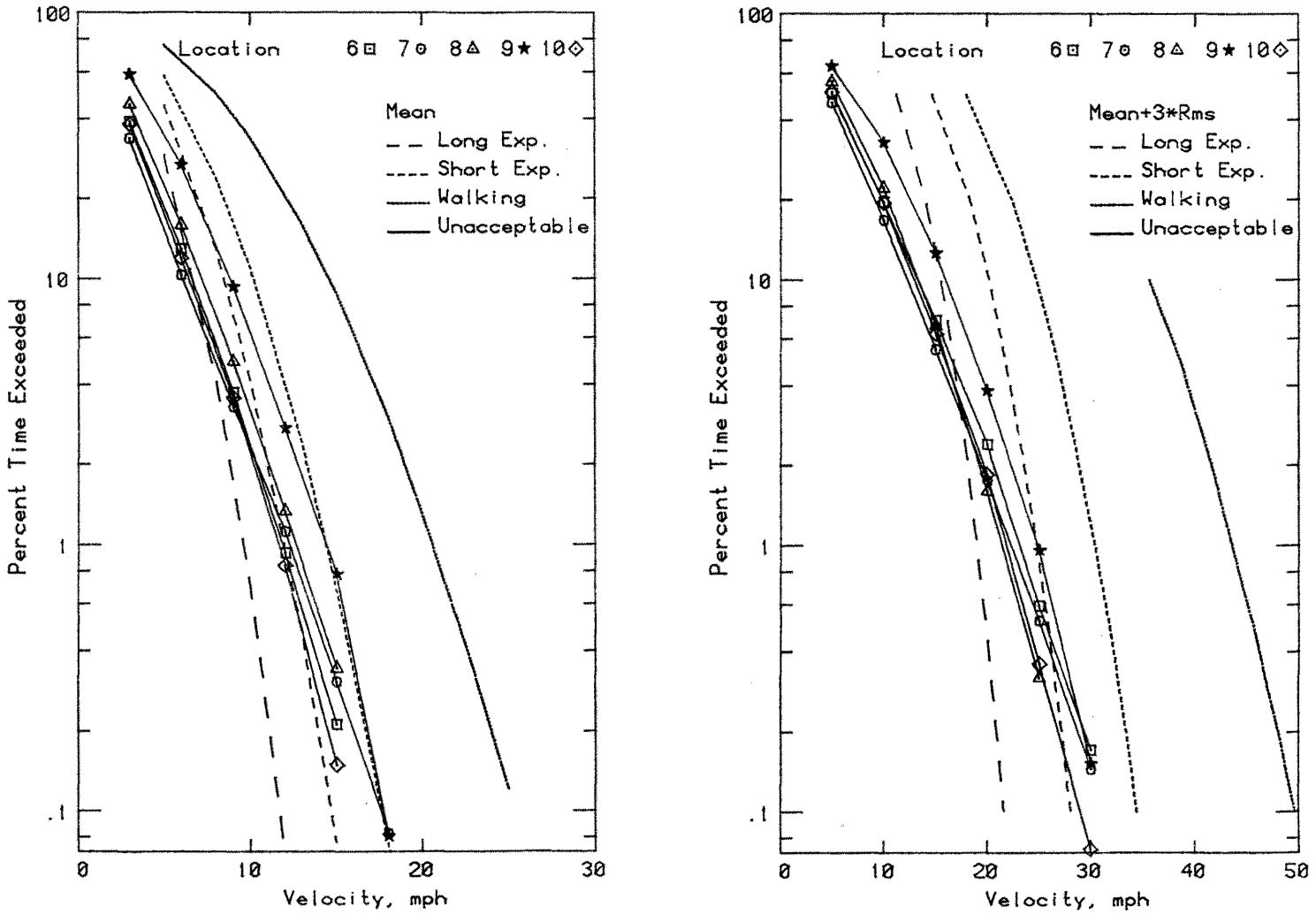


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

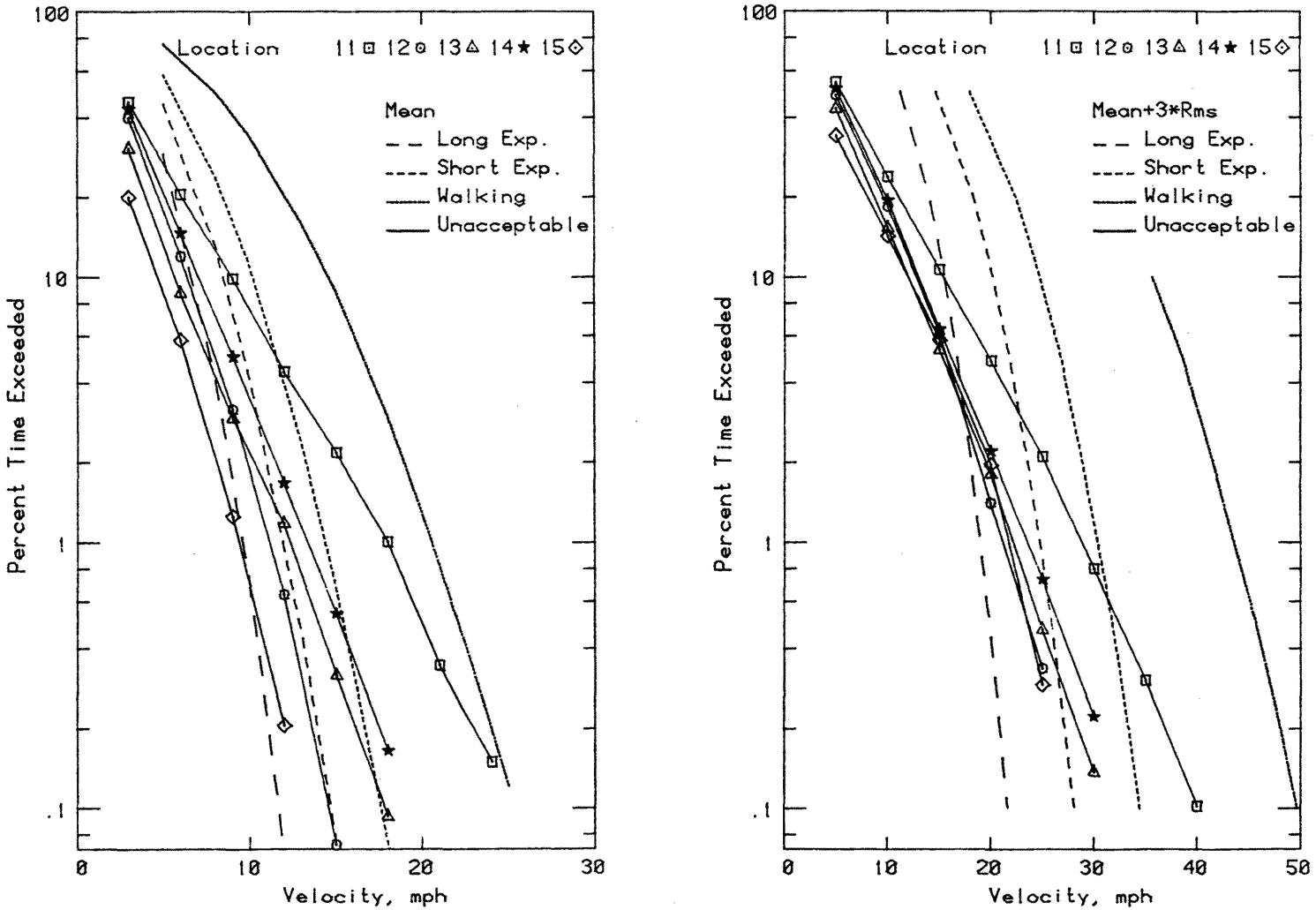


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

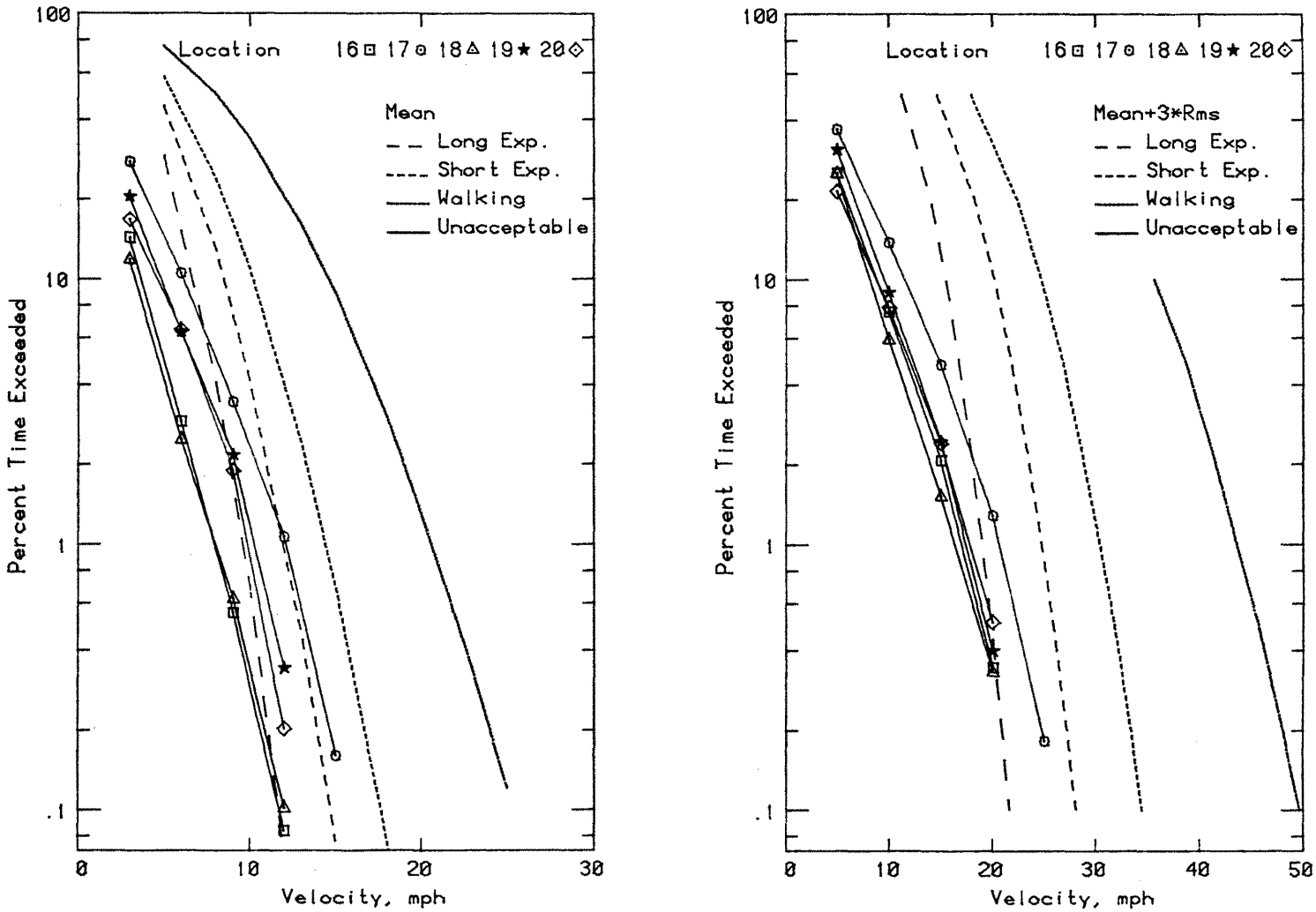


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

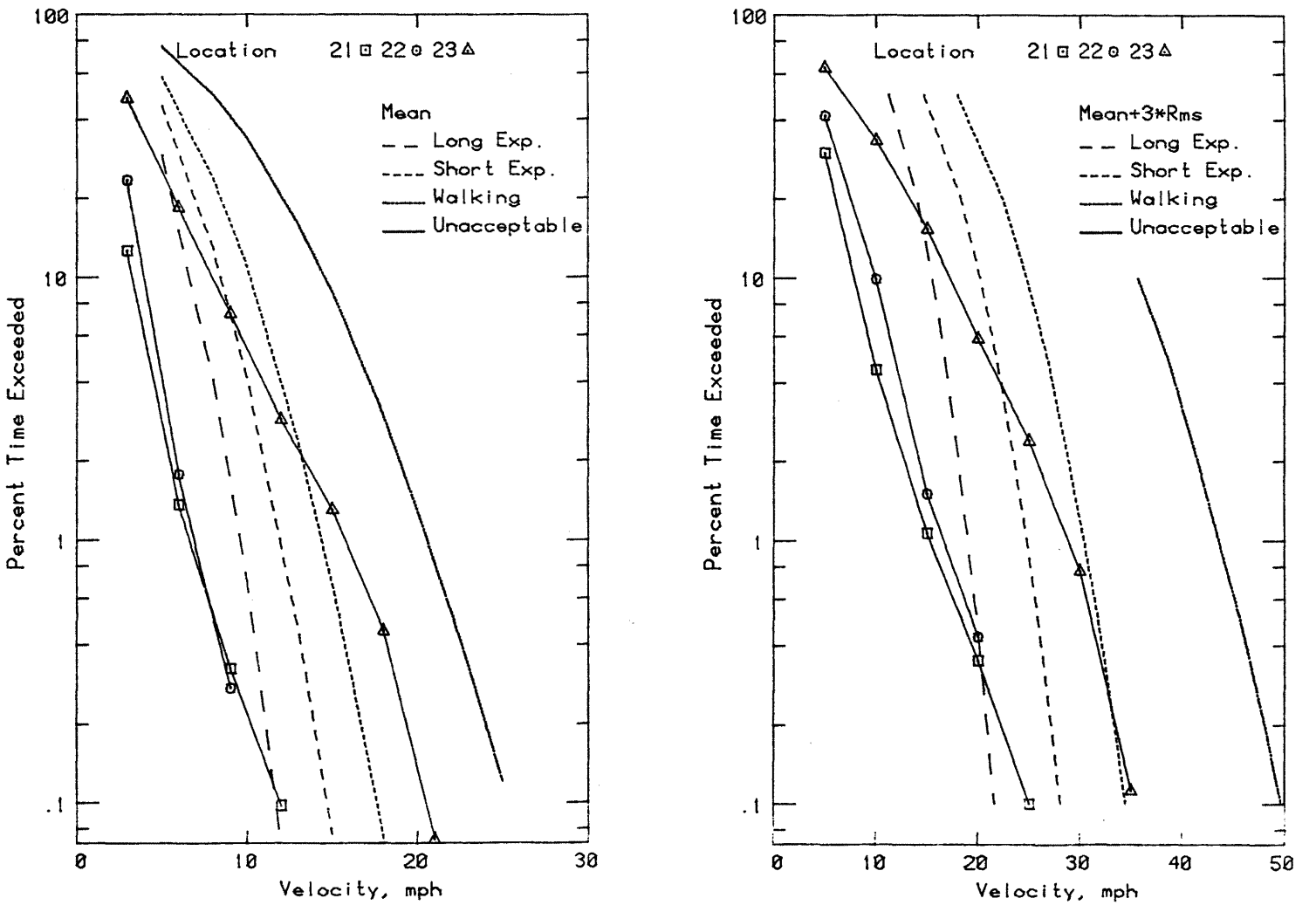


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

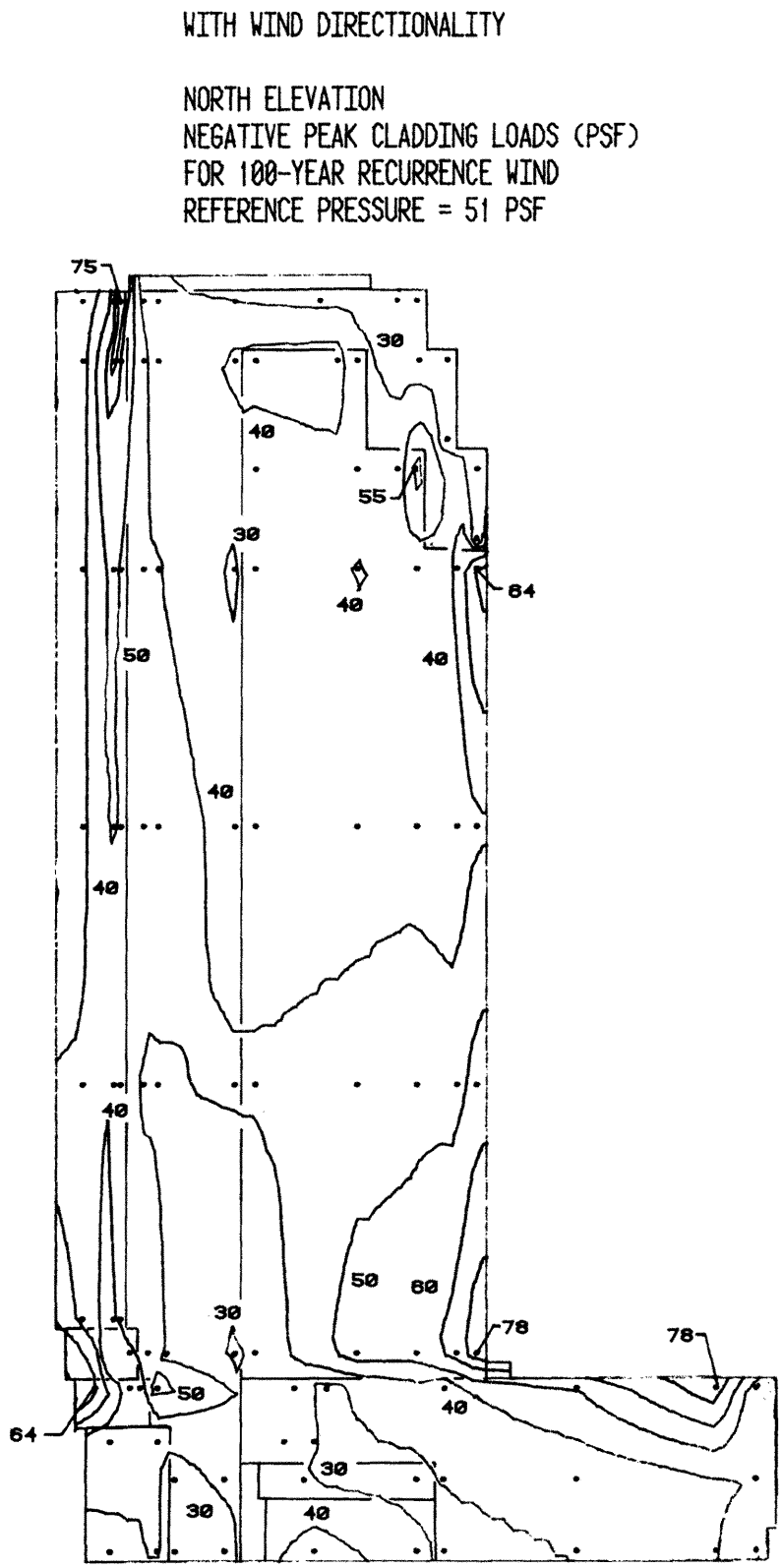


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

WEST ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

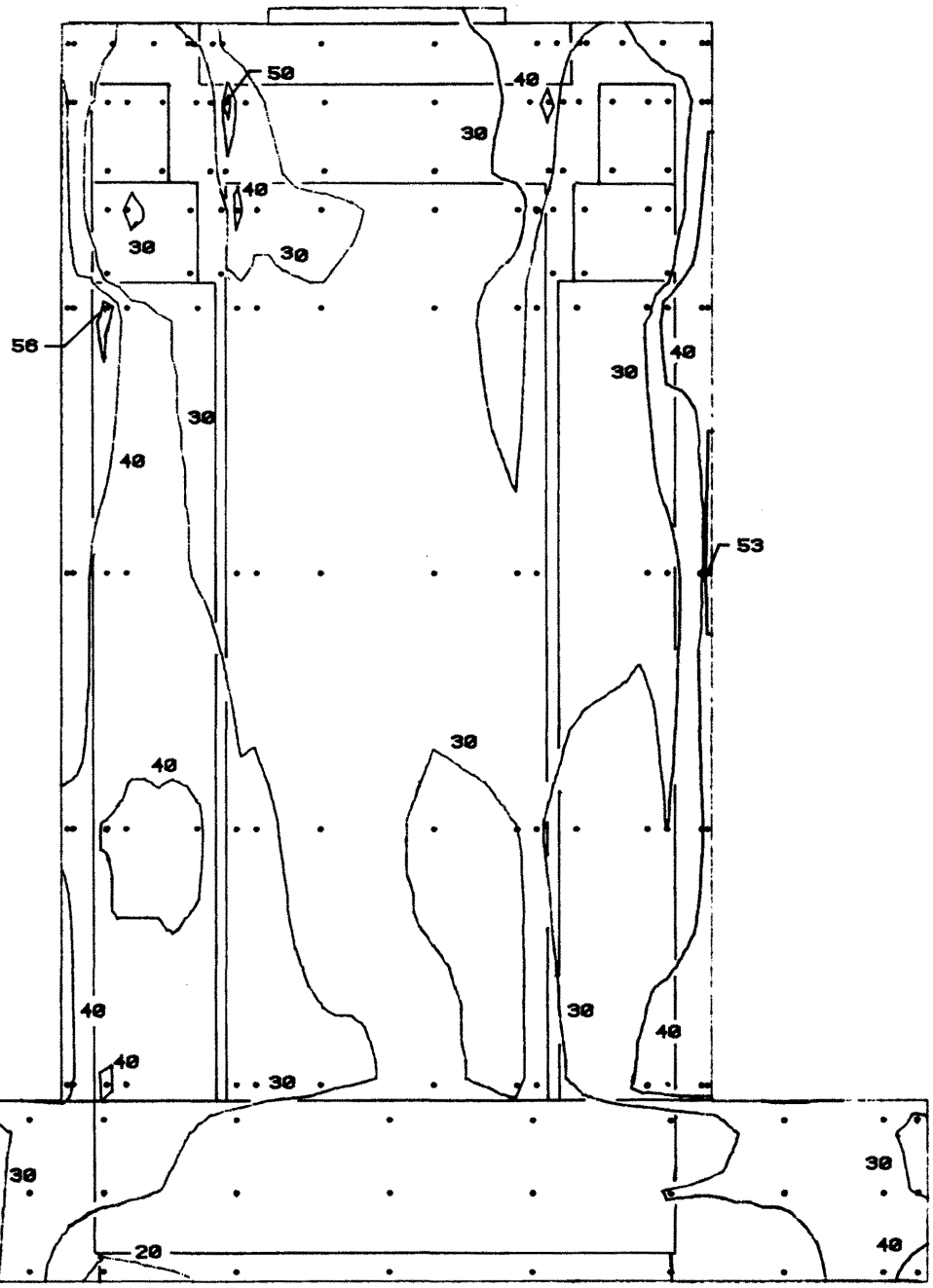


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

SOUTH ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

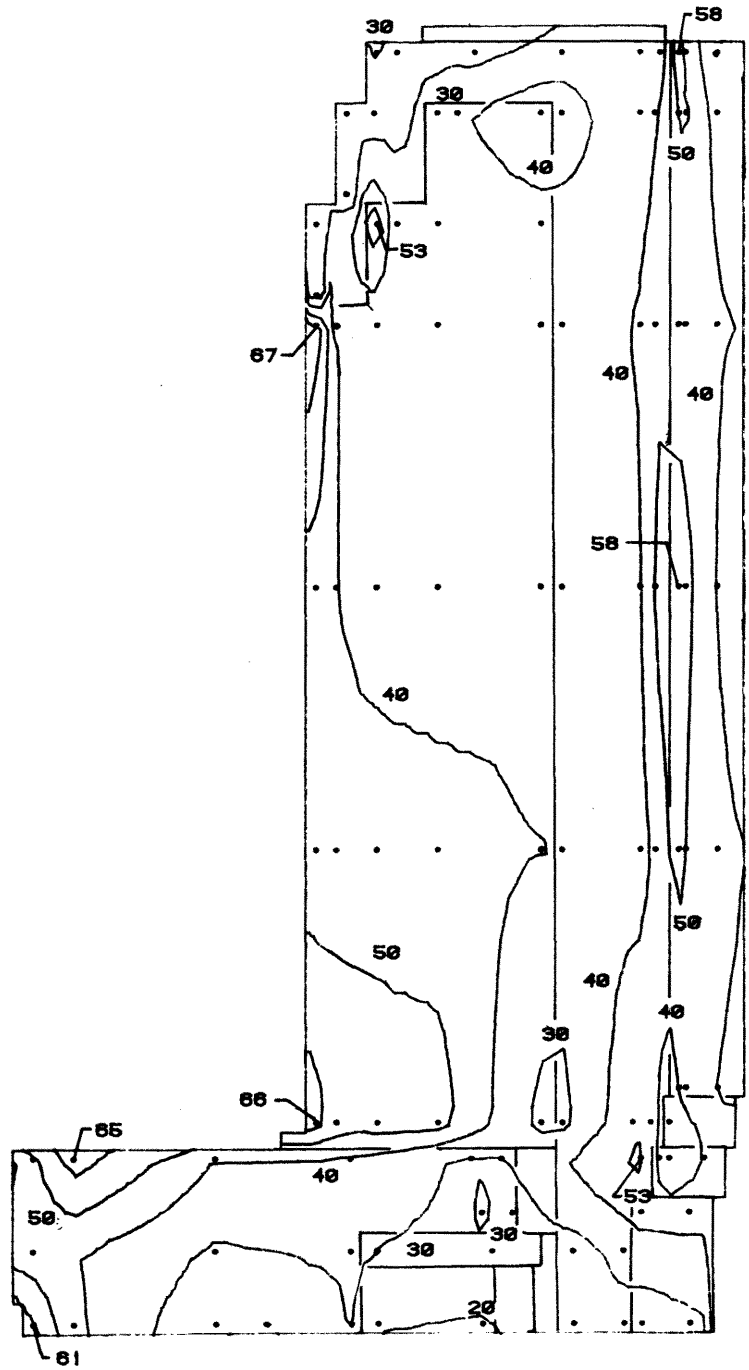


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

EAST ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

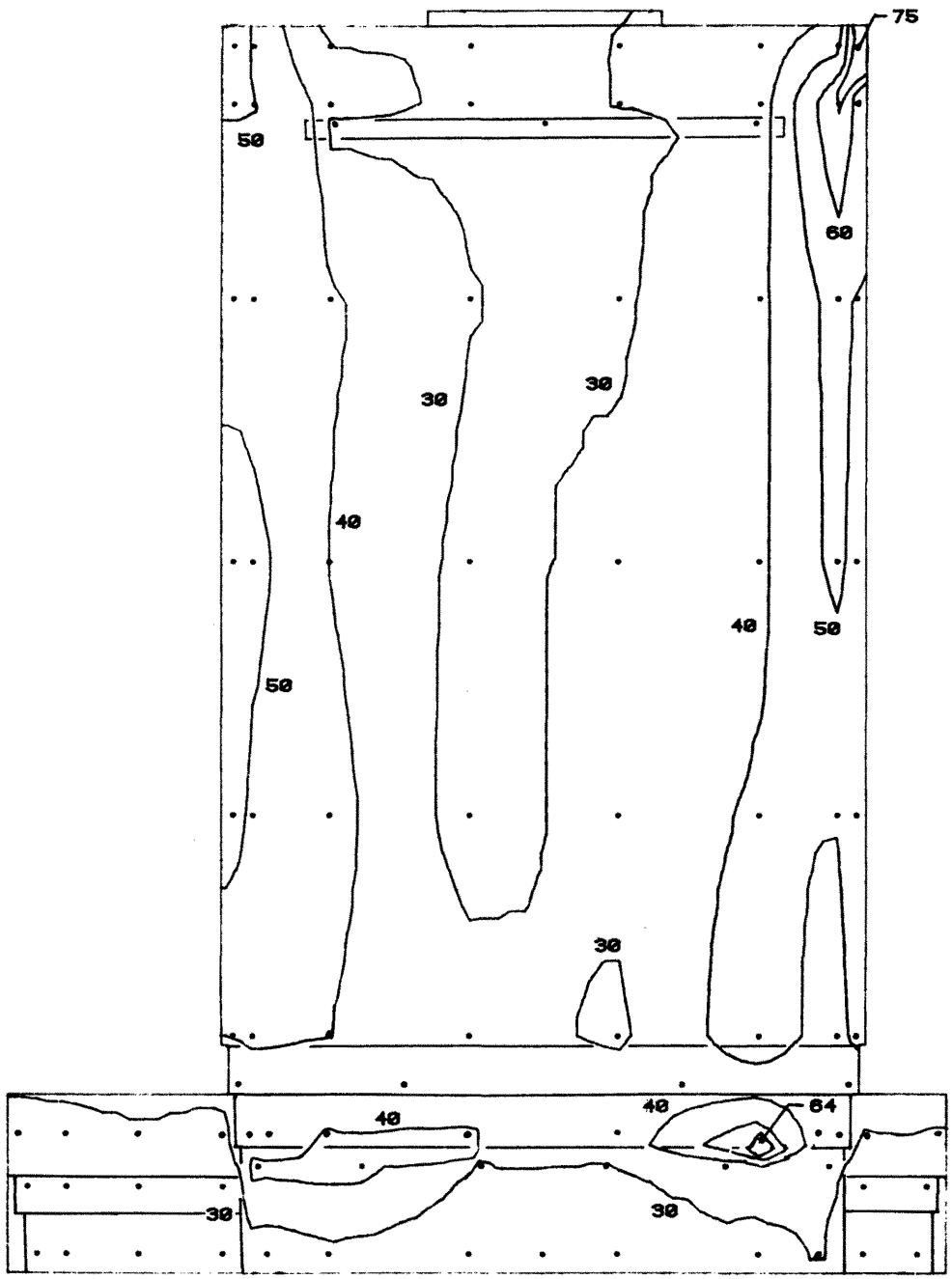


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

NORTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

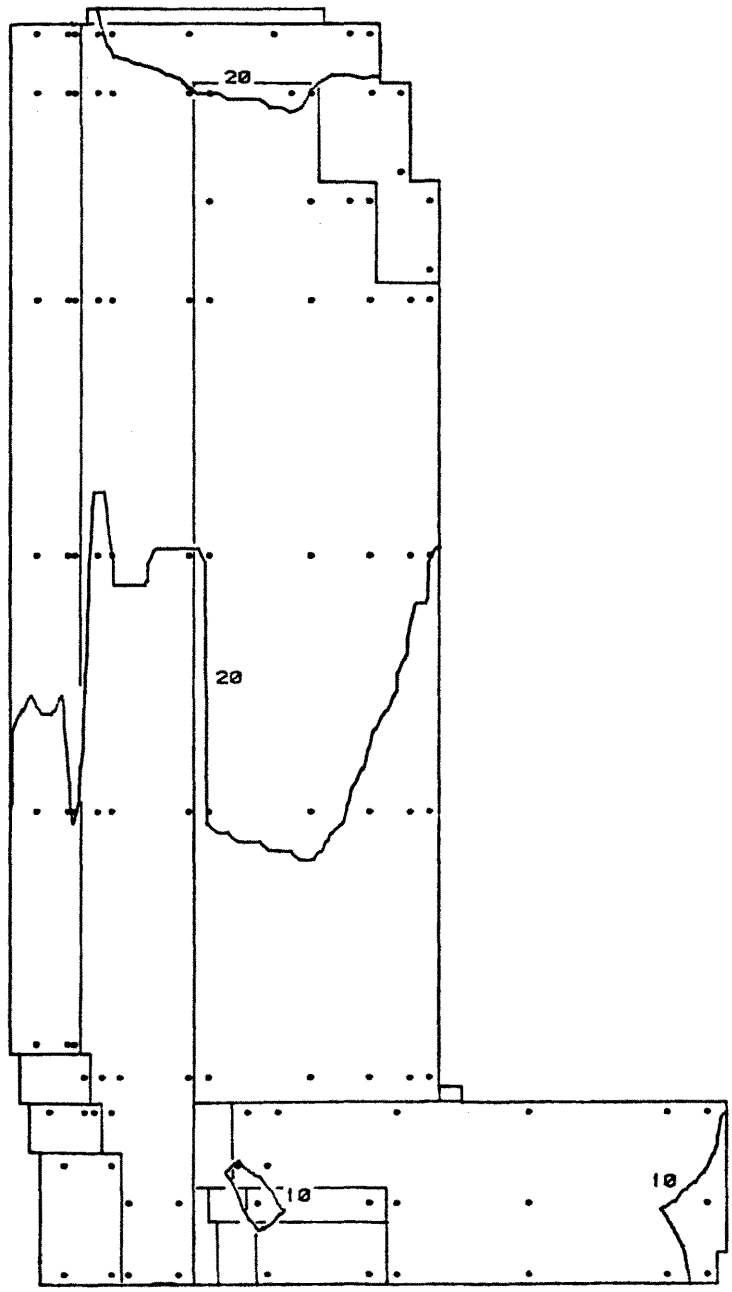


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

WEST ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

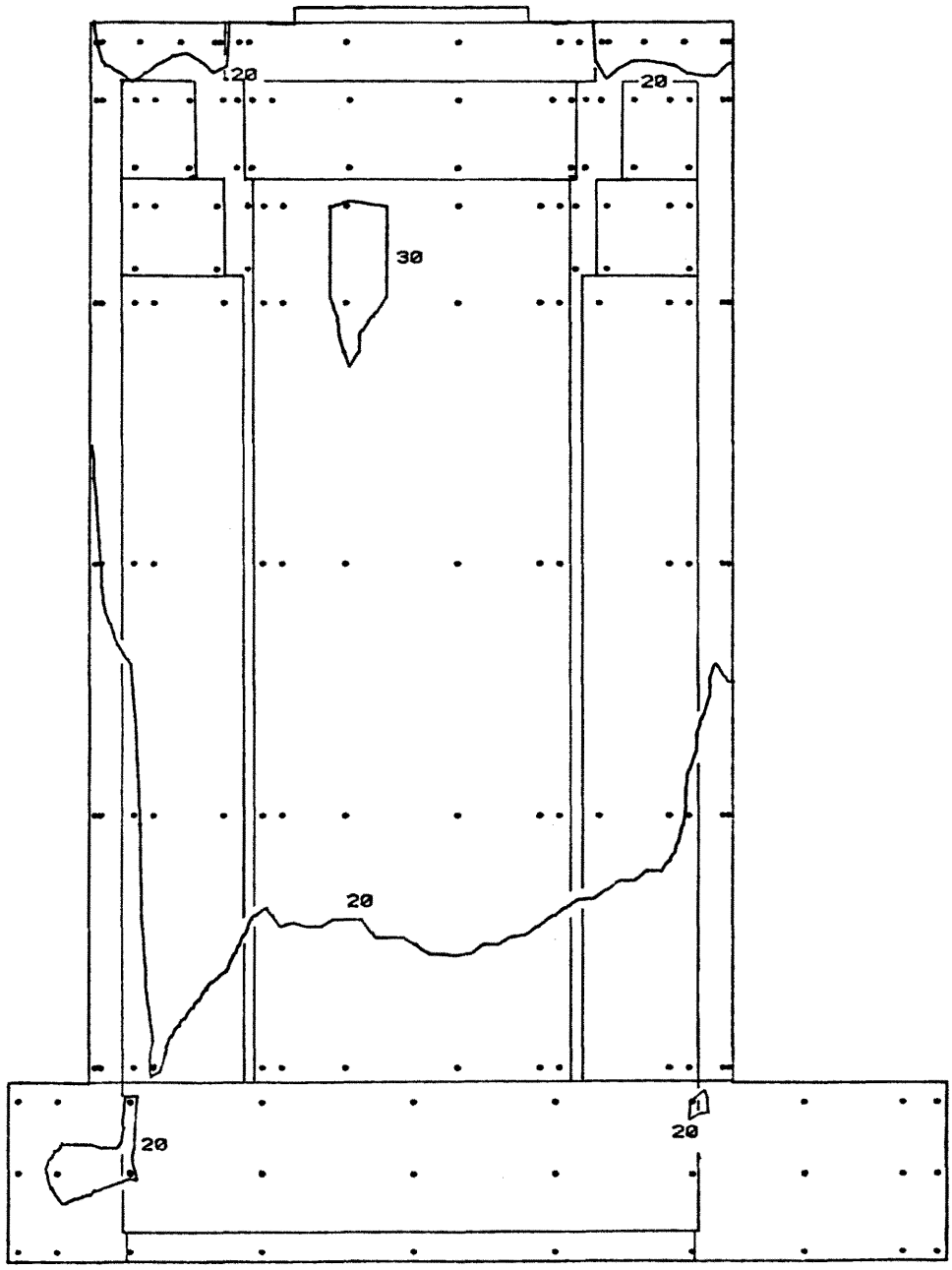


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

WITH WIND DIRECTIONALITY

SOUTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

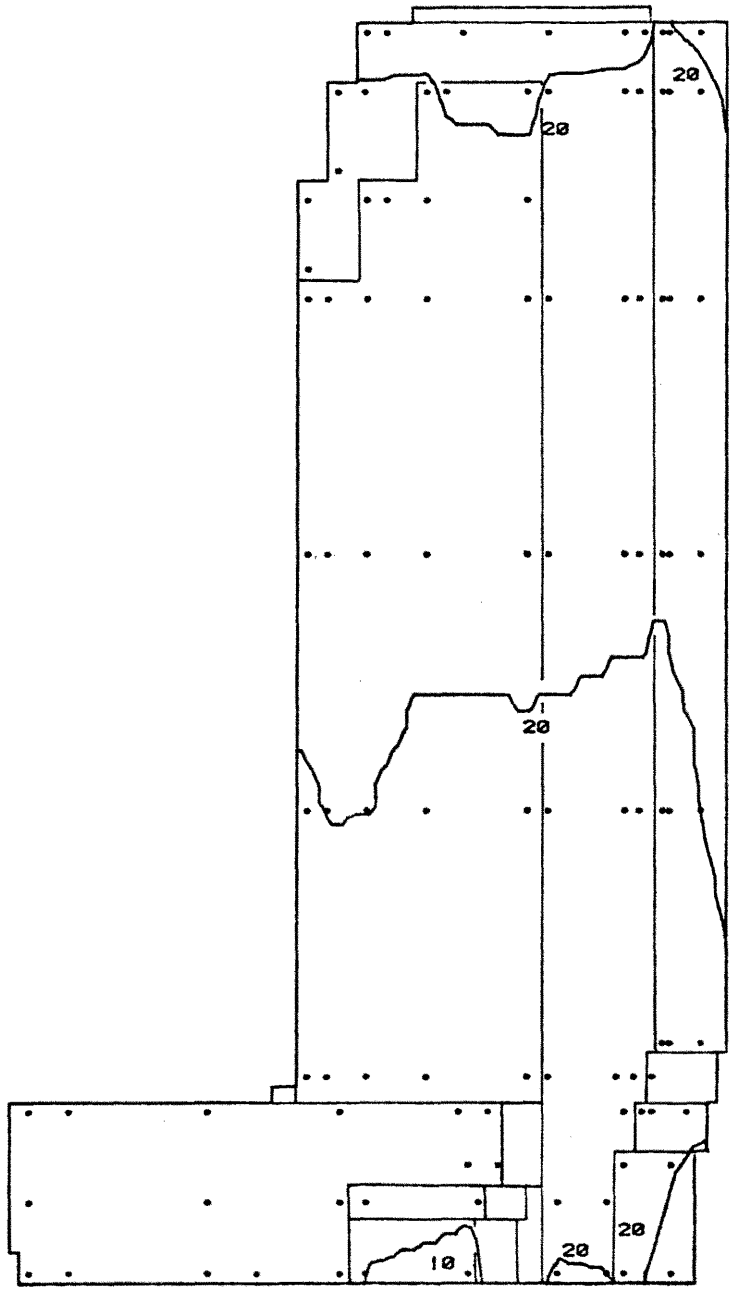


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads

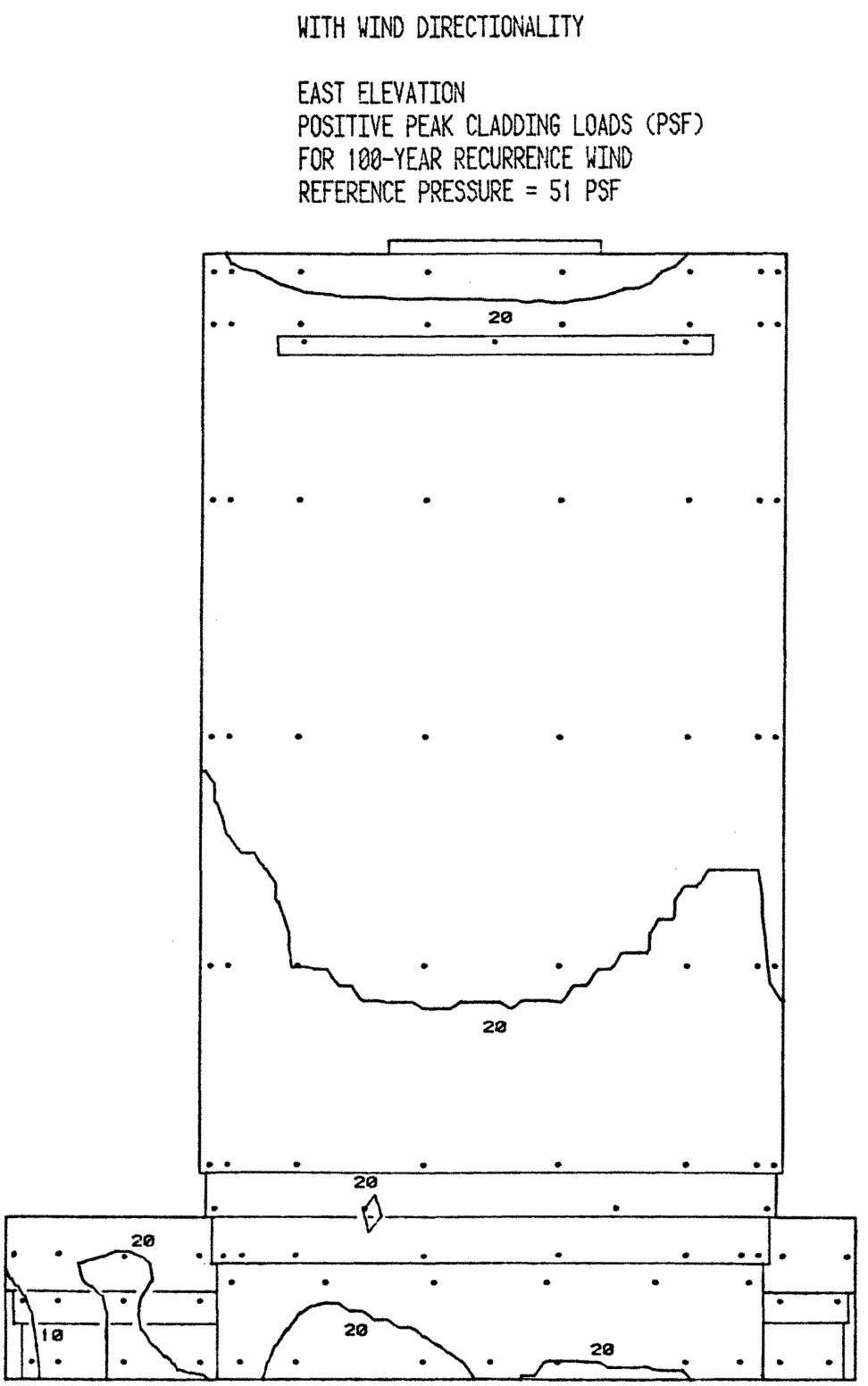


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

NORTH ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

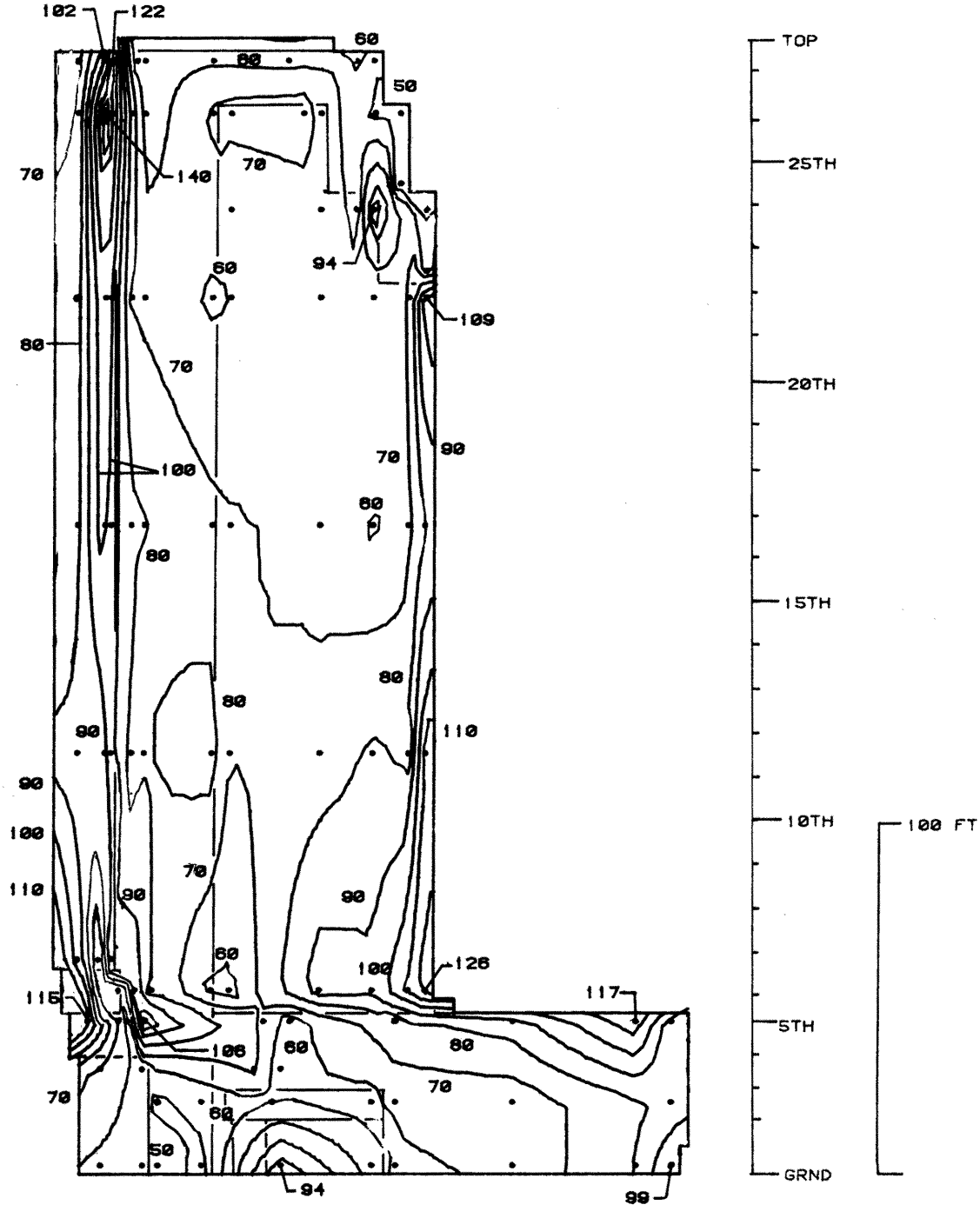


Figure 10i. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

WEST ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

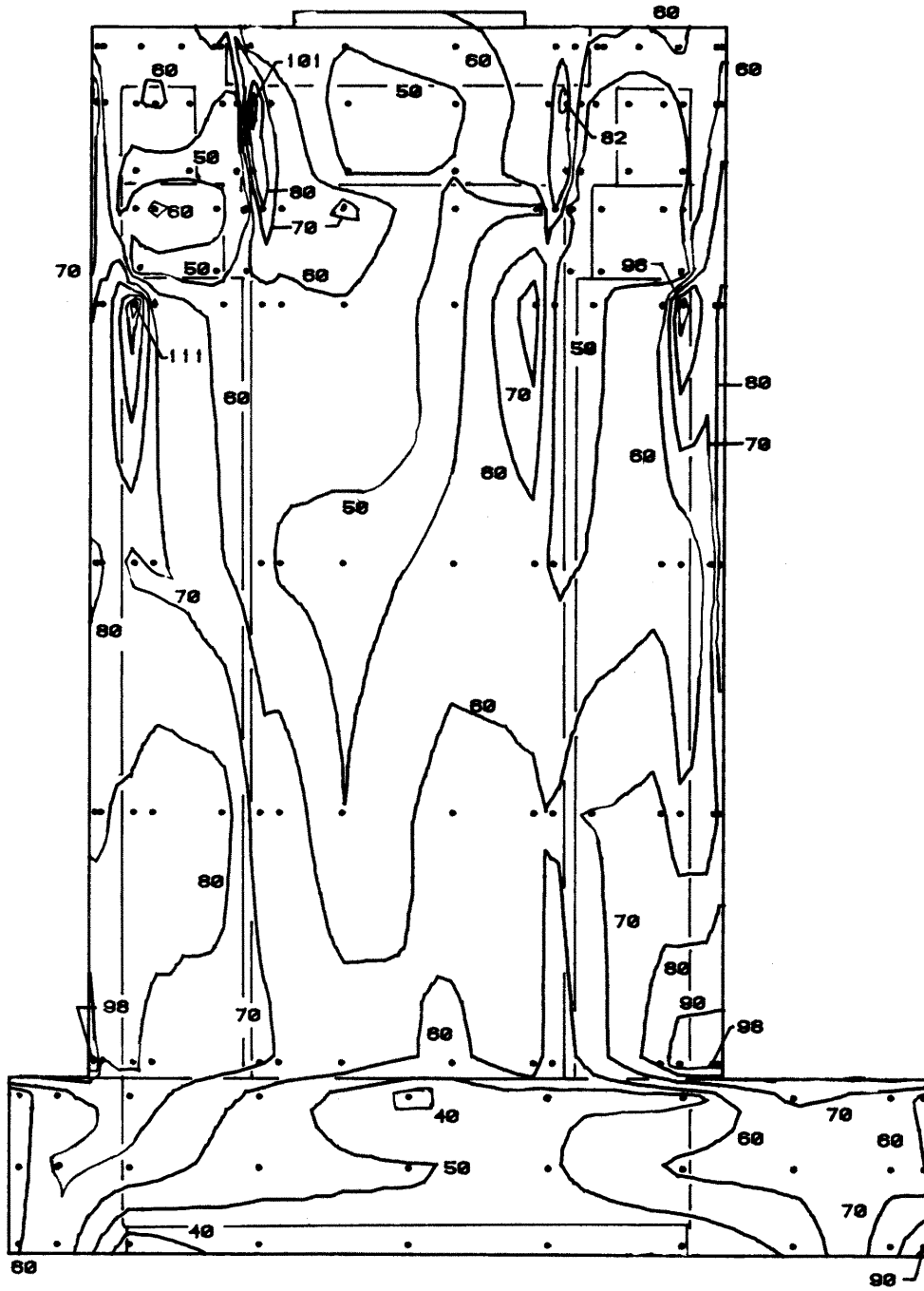


Figure 10j. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

SOUTH ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

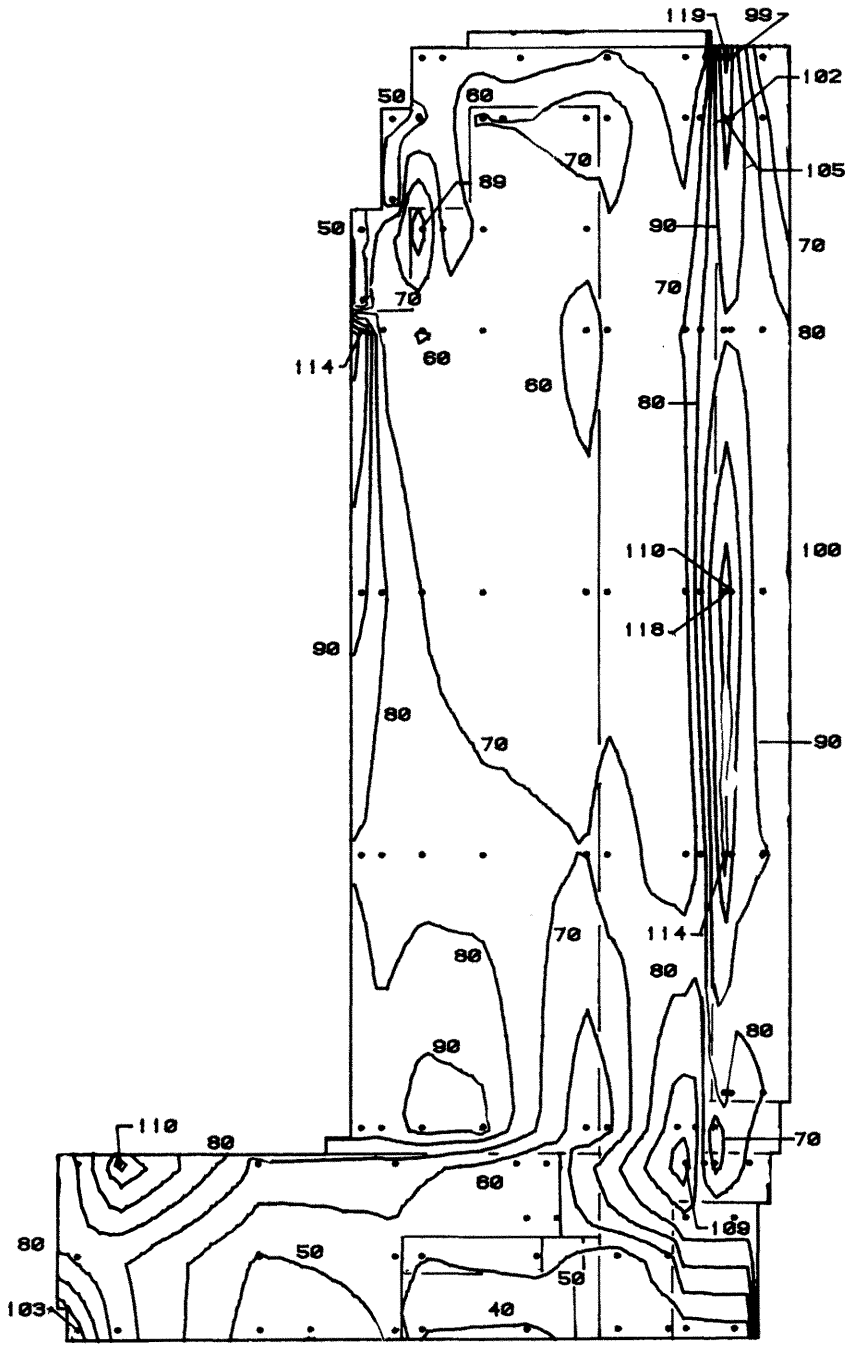


Figure 10k. Peak Pressure Contours on the Building for Cladding Loads

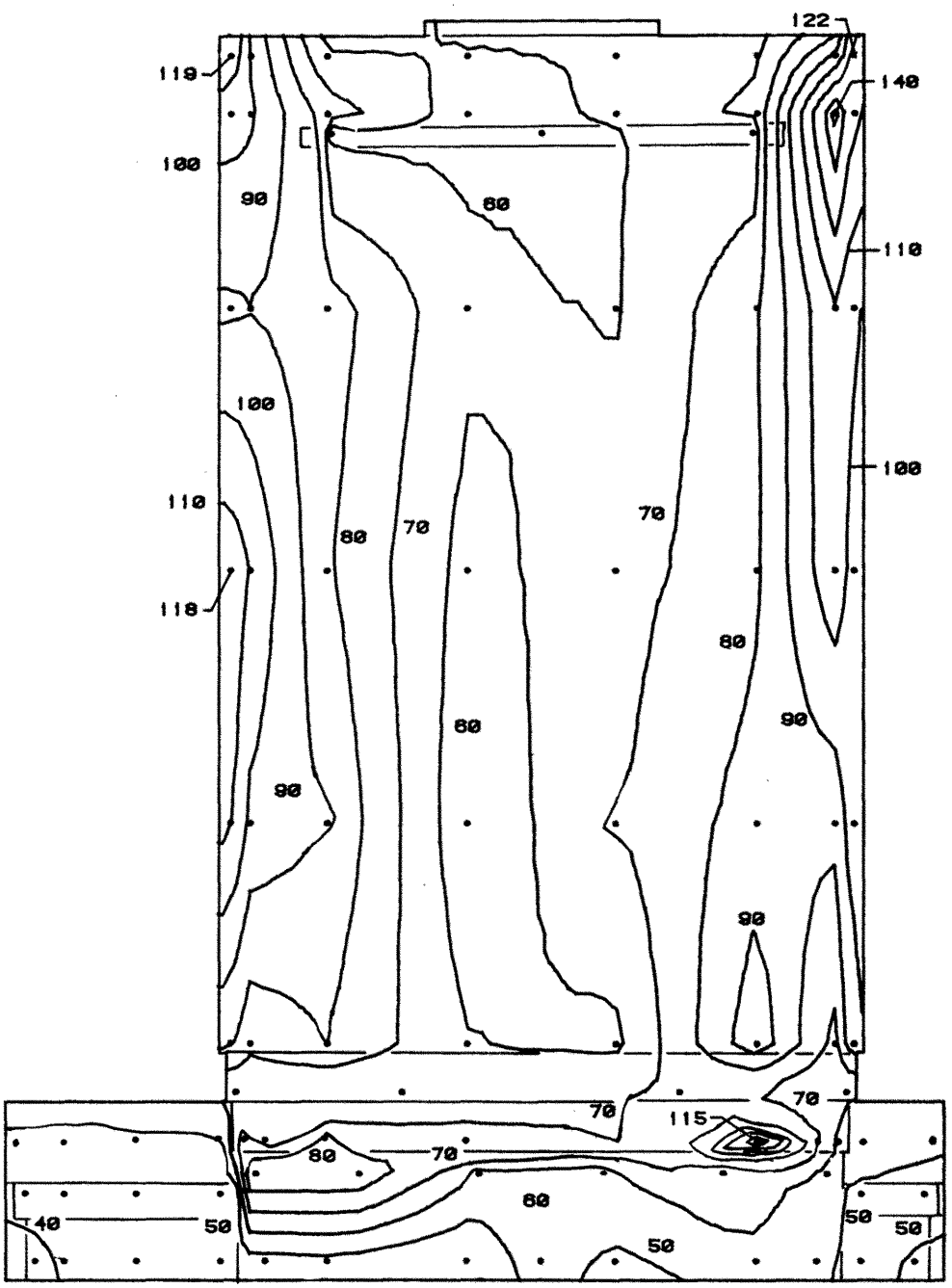


Figure 101. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

NORTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

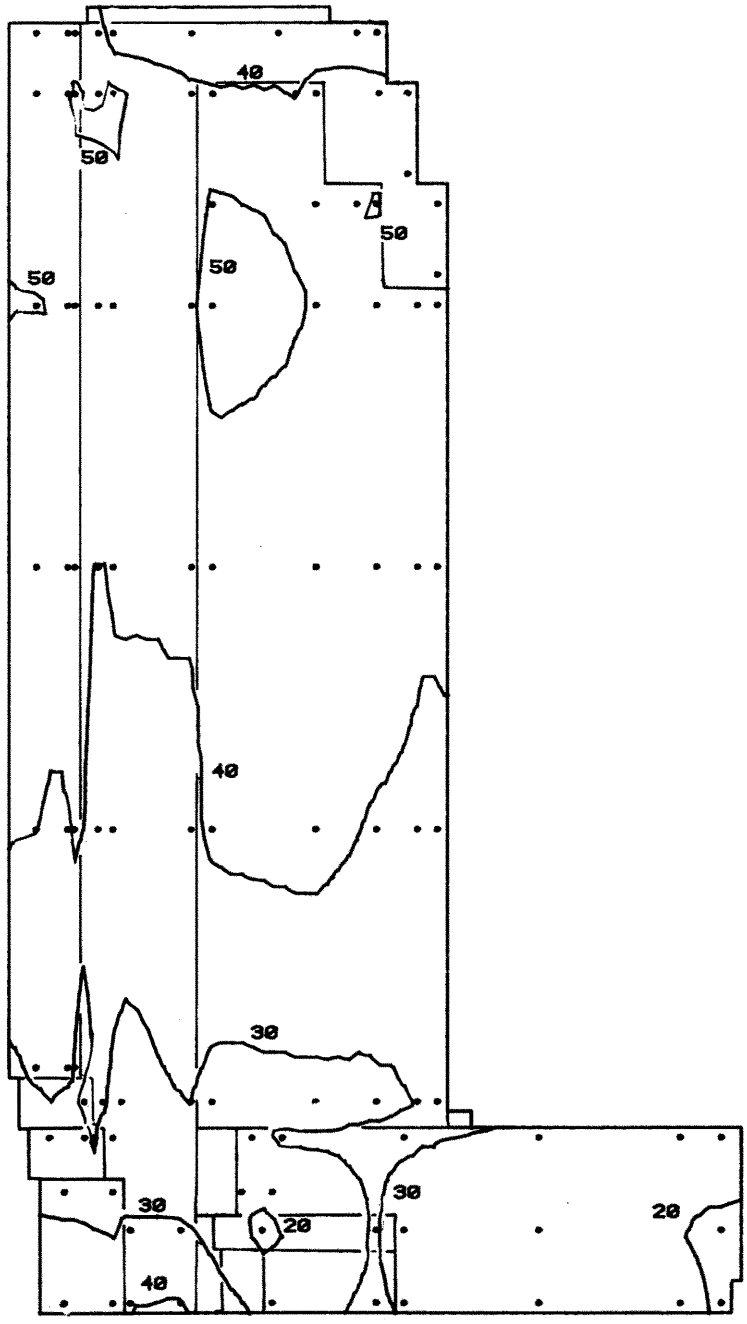


Figure 10m. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

WEST ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

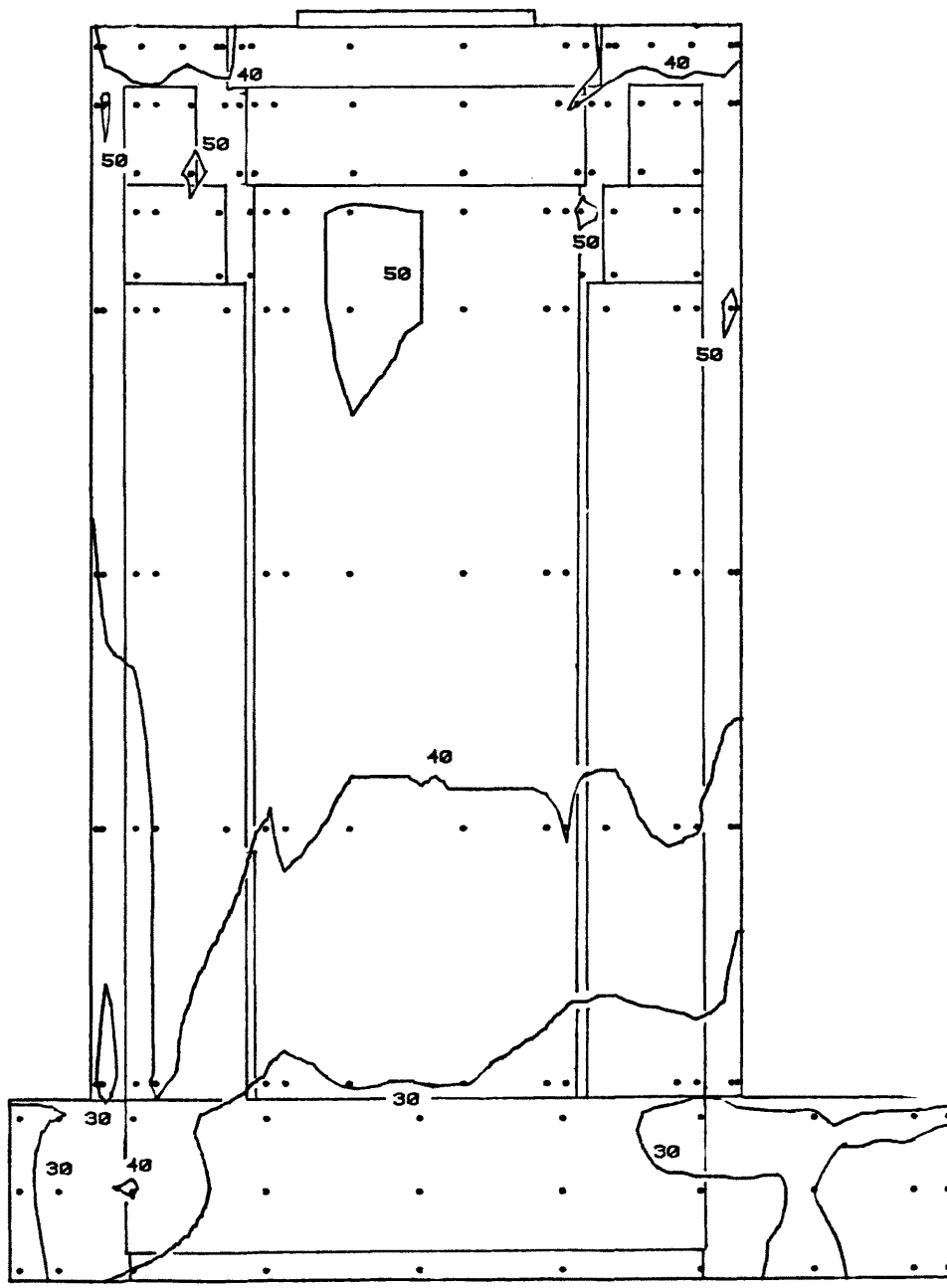


Figure 10n. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

SOUTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

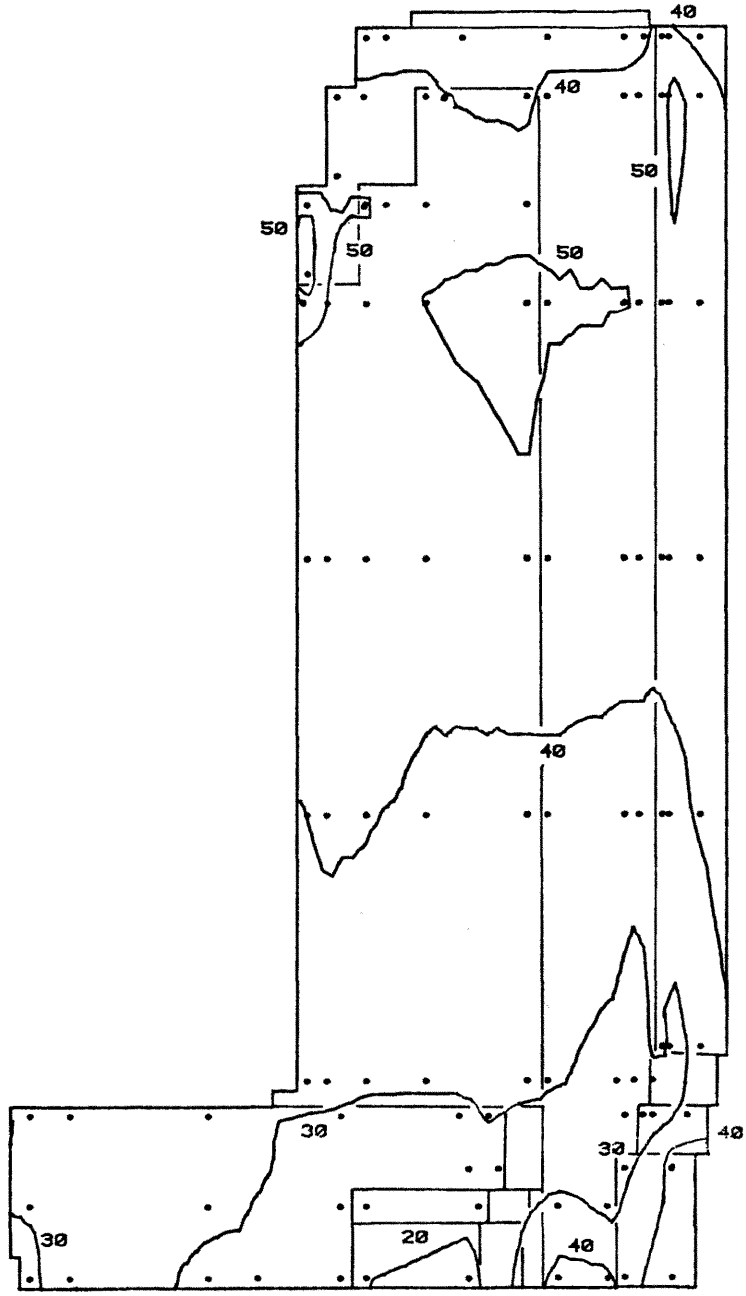


Figure 10o. Peak Pressure Contours on the Building for Cladding Loads

NO WIND DIRECTIONALITY

EAST ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 51 PSF

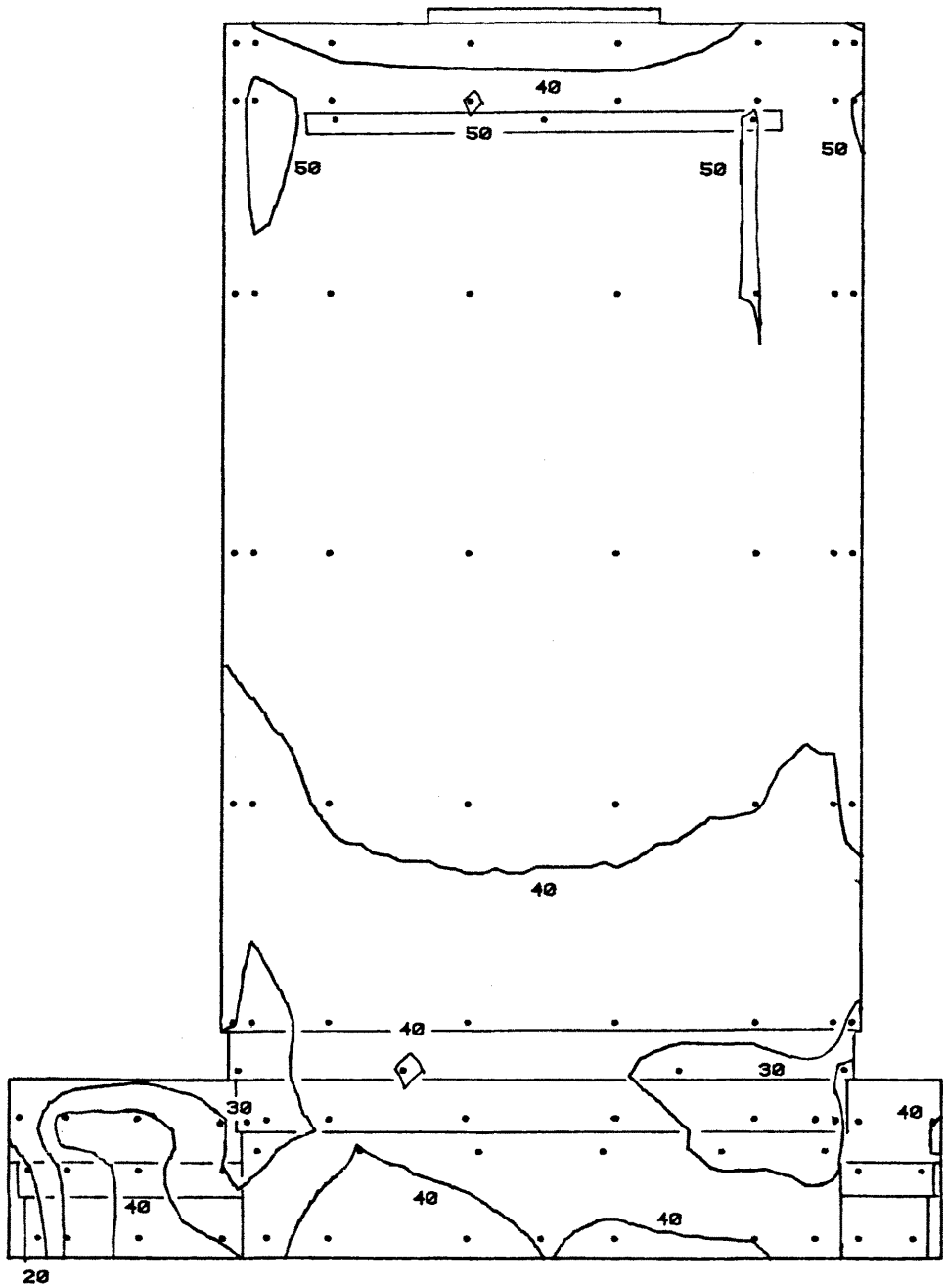


Figure 10p. Peak Pressure Contours on the Building for Cladding Loads

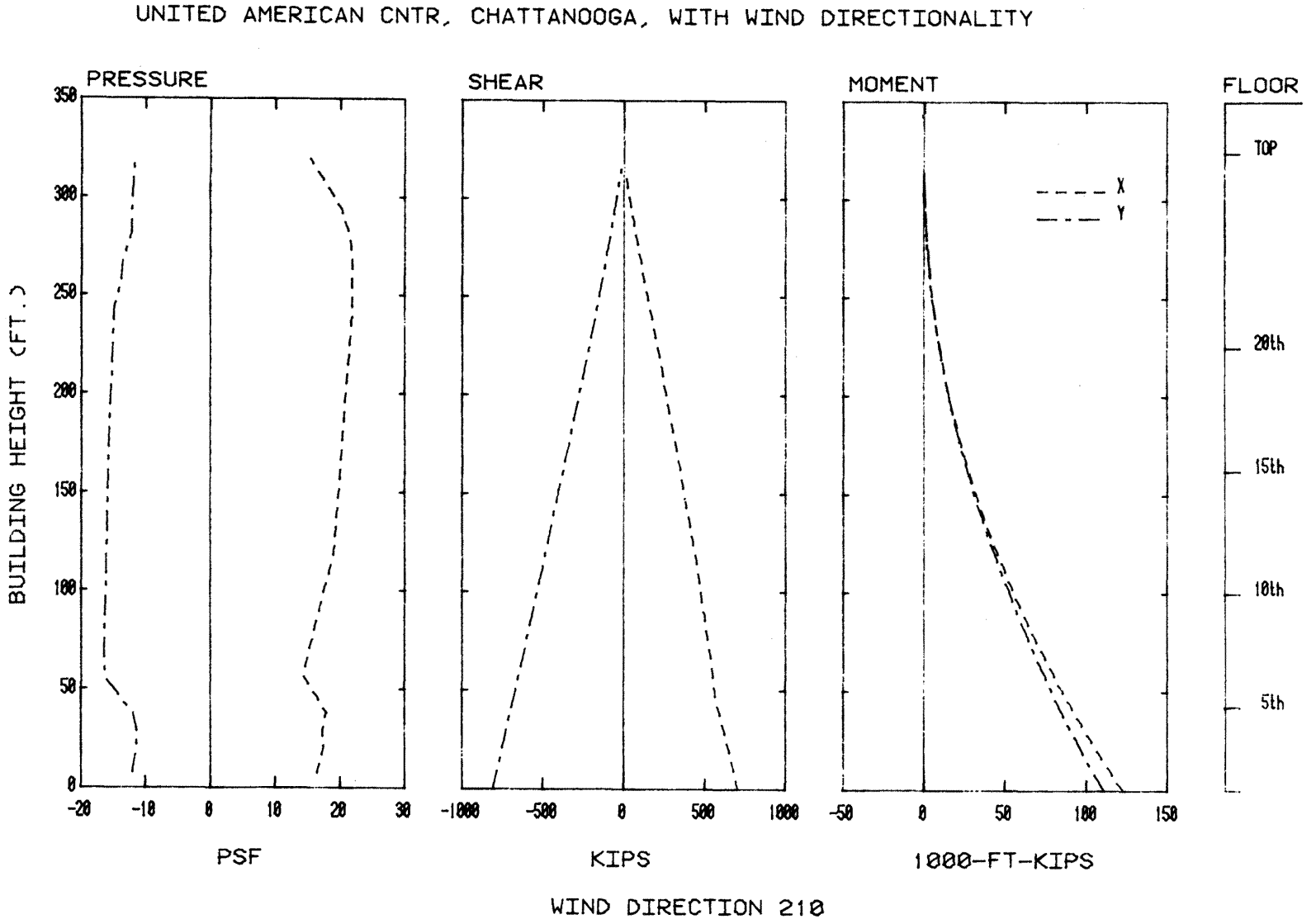


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

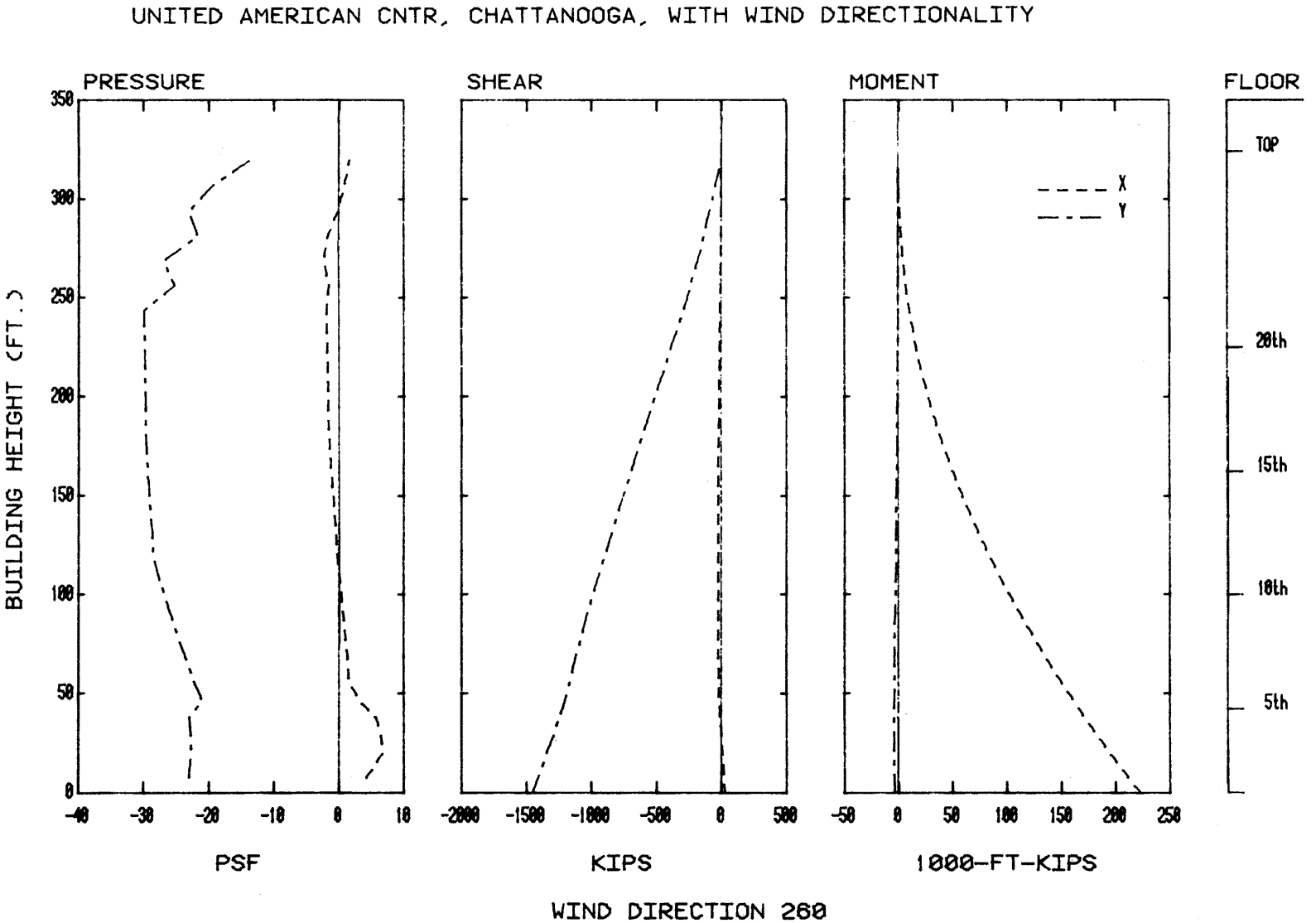


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

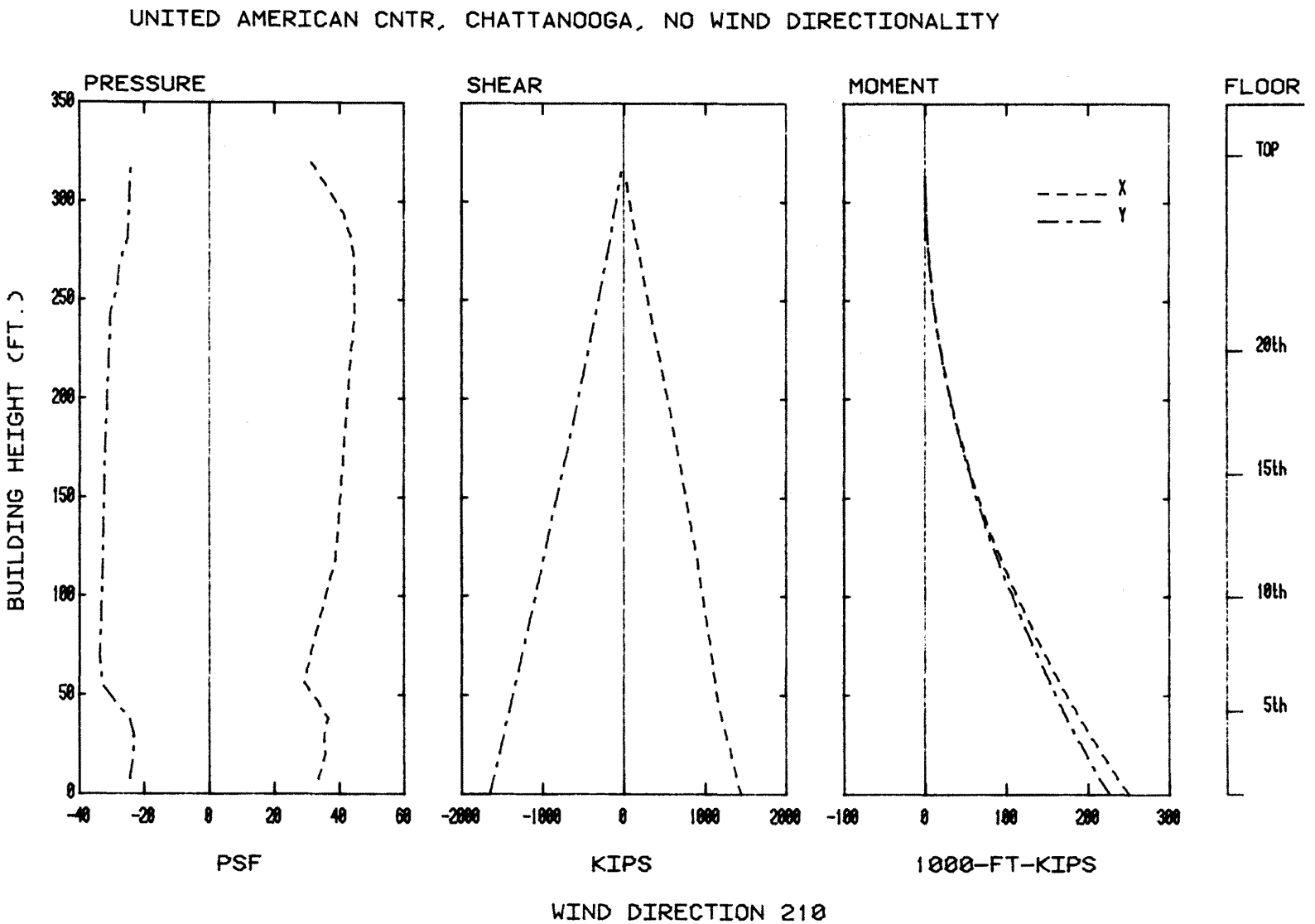


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

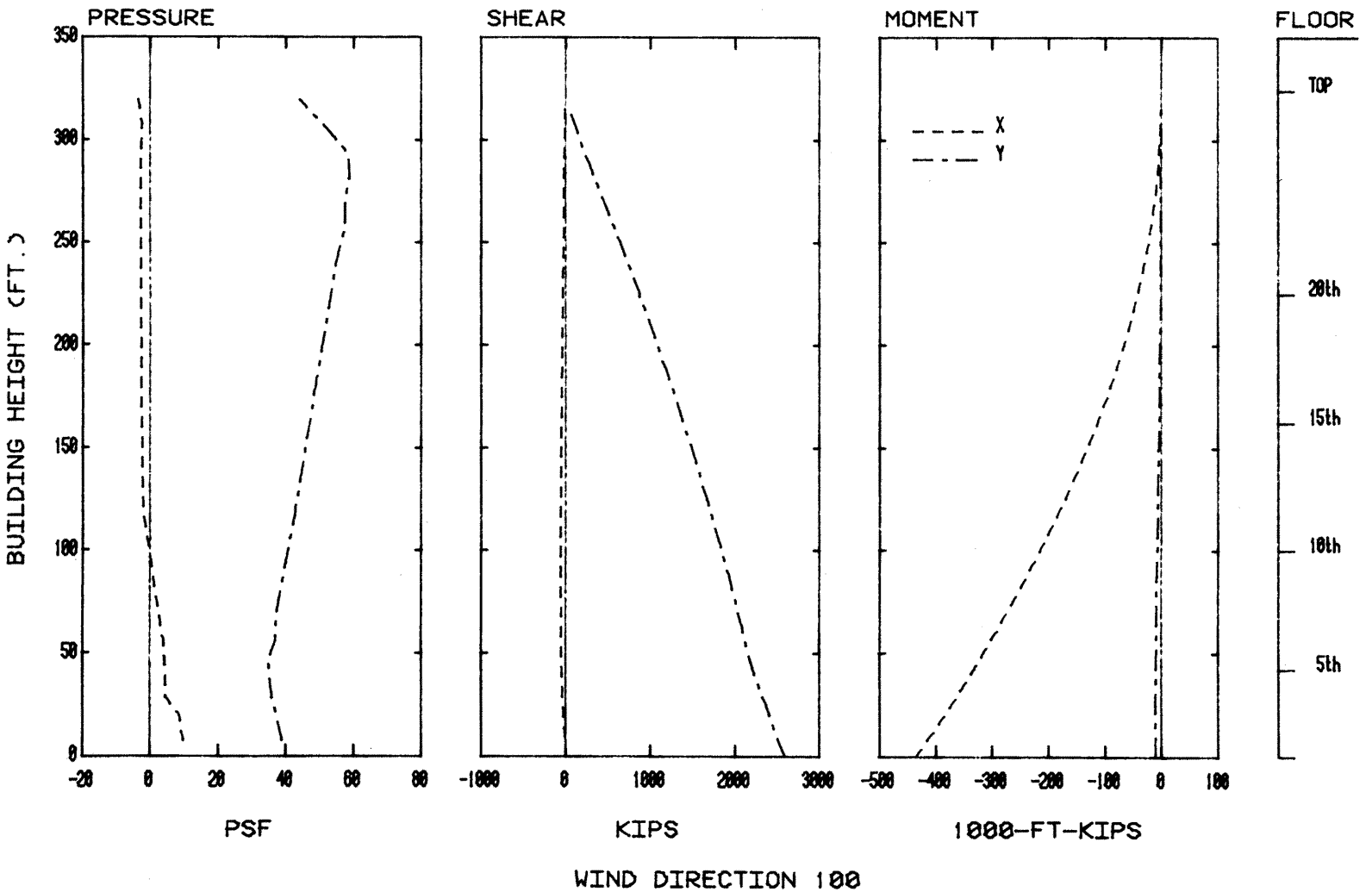


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

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

UNITED AMERICAN CENTER, CHATTANOOGA

HIGH PRESSURE AREAS

Run No.	Tap No.	Wind Direction
1	322	270°
2	208	350°

PEDESTRIAN AREA HIGH WIND VELOCITIES

Run No.	Pedestrian Location No.	Wind Direction
3	23	22.5°
4	11	292.5°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.8	12.4	68.0
22.50	32.0	9.8	61.4
45.00	44.8	11.6	79.5
67.50	34.6	14.4	77.7
90.00	19.4	9.8	48.9
112.50	22.0	10.1	52.3
135.00	24.2	10.9	56.9
157.50	17.8	7.9	41.6
180.00	24.2	9.5	52.6
202.50	44.0	9.9	73.7
225.00	46.5	12.0	82.6
247.50	47.6	12.2	84.2
270.00	40.4	11.9	76.1
292.50	37.2	11.9	73.0
315.00	16.5	7.8	40.0
337.50	18.4	10.6	50.3

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.1	6.4	31.3
22.50	19.9	9.9	49.6
45.00	18.7	8.9	45.4
67.50	16.7	7.9	40.4
90.00	32.7	14.2	75.3
112.50	42.9	12.5	80.4
135.00	49.1	13.4	89.4
157.50	28.4	9.2	56.1
180.00	19.9	9.4	48.2
202.50	17.0	8.0	41.1
225.00	17.3	7.5	39.9
247.50	22.6	11.0	55.7
270.00	27.3	10.2	57.8
292.50	42.5	13.4	82.8
315.00	35.5	8.9	62.3
337.50	17.7	7.7	40.9

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.2	6.9	34.0
22.50	51.9	14.2	94.4
45.00	65.4	10.9	98.3
67.50	55.0	14.1	97.3
90.00	63.8	15.2	109.3
112.50	56.3	13.3	96.2
135.00	42.6	13.7	83.7
157.50	36.9	14.7	81.1
180.00	17.1	7.4	39.2
202.50	33.0	10.8	65.5
225.00	37.2	9.5	65.7
247.50	50.1	8.8	76.6
270.00	50.4	11.7	85.6
292.50	53.8	15.8	101.2
315.00	42.6	15.1	87.8
337.50	18.9	6.8	39.5

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.3	8.9	44.9
22.50	54.7	12.4	92.0
45.00	62.7	10.4	93.9
67.50	51.6	11.7	86.7
90.00	46.5	10.9	79.1
112.50	37.8	11.1	71.0
135.00	18.2	8.1	42.6
157.50	26.8	10.8	59.1
180.00	34.2	11.9	69.8
202.50	33.2	12.6	70.9
225.00	30.2	12.7	68.4
247.50	18.1	9.0	45.1
270.00	17.7	8.6	43.5
292.50	21.4	11.2	54.9
315.00	15.9	7.8	39.3
337.50	18.6	9.2	46.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	24.4	12.9	63.1
22.50	39.9	10.4	71.0
45.00	33.6	9.5	62.0
67.50	17.0	8.0	41.0
90.00	14.2	6.3	33.2
112.50	17.8	7.3	39.8
135.00	35.1	9.8	64.5
157.50	34.8	11.5	69.4
180.00	34.4	12.7	72.3
202.50	36.2	16.0	84.3
225.00	40.5	14.5	83.9
247.50	24.8	11.5	59.5
270.00	21.1	10.8	53.6
292.50	21.7	10.9	54.3
315.00	35.9	13.9	77.7
337.50	32.9	19.0	90.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.4	11.2	63.9
22.50	20.4	9.6	49.2
45.00	24.9	10.2	55.4
67.50	46.4	13.5	86.8
90.00	65.8	10.8	98.3
112.50	67.7	10.2	98.4
135.00	66.8	11.0	99.8
157.50	52.6	13.8	93.8
180.00	12.3	5.9	29.9
202.50	20.7	10.8	53.3
225.00	26.9	14.3	69.7
247.50	44.2	18.1	98.5
270.00	42.6	16.6	92.4
292.50	46.9	16.0	95.0
315.00	31.7	11.3	65.6
337.50	36.3	12.2	72.8

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	20.7	11.1	54.0
22.50	33.4	12.2	69.9
45.00	36.7	12.3	73.4
67.50	49.6	15.7	96.8
90.00	67.7	13.5	108.0
112.50	64.5	16.5	114.0
135.00	39.5	20.1	100.0
157.50	19.7	11.7	55.0
180.00	10.4	4.4	23.5
202.50	15.6	8.6	41.4
225.00	52.0	15.2	97.7
247.50	59.5	14.8	103.9
270.00	49.3	14.8	93.8
292.50	40.4	10.1	70.6
315.00	20.9	7.9	44.7
337.50	15.9	7.2	37.6

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	32.5	11.9	68.1
22.50	53.2	11.3	87.1
45.00	68.2	13.1	107.6
67.50	54.9	12.2	91.7
90.00	21.8	10.5	53.2
112.50	23.3	10.9	55.9
135.00	25.8	13.4	65.9
157.50	15.6	7.5	38.2
180.00	22.6	10.1	52.9
202.50	42.3	11.1	75.7
225.00	45.8	12.3	82.5
247.50	38.9	10.4	70.0
270.00	31.3	11.5	65.7
292.50	34.0	11.1	67.2
315.00	25.9	11.5	60.3
337.50	18.6	10.1	48.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	35.9	13.2	75.3
22.50	61.5	13.4	101.6
45.00	68.6	12.8	106.9
67.50	61.0	18.5	116.4
90.00	20.3	11.0	53.4
112.50	19.0	9.0	45.9
135.00	22.2	10.9	55.0
157.50	45.9	17.7	98.9
180.00	40.2	10.7	72.2
202.50	54.1	10.7	86.3
225.00	53.2	11.7	88.2
247.50	46.5	13.8	88.0
270.00	44.2	14.8	88.6
292.50	32.0	15.3	77.8
315.00	29.5	10.7	61.7
337.50	30.8	10.8	63.2

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.0	9.3	49.8
22.50	13.7	7.6	36.4
45.00	13.0	6.4	32.3
67.50	21.4	12.1	57.6
90.00	27.2	16.8	77.7
112.50	52.6	17.8	106.1
135.00	62.7	14.5	106.2
157.50	56.8	12.8	95.3
180.00	36.9	13.9	78.6
202.50	21.6	9.7	50.7
225.00	17.4	8.9	44.2
247.50	34.6	16.0	82.5
270.00	42.5	15.9	90.2
292.50	41.3	10.9	74.0
315.00	38.2	11.3	72.0
337.50	28.4	9.6	57.1

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.4	7.5	39.8
22.50	21.3	7.4	43.4
45.00	21.8	7.0	42.7
67.50	17.5	9.0	44.4
90.00	23.3	11.7	58.4
112.50	39.3	16.8	89.6
135.00	60.5	11.7	95.5
157.50	60.2	11.6	95.1
180.00	45.9	13.1	85.4
202.50	25.0	10.3	55.9
225.00	21.3	10.3	52.2
247.50	54.0	20.2	114.5
270.00	74.9	16.3	123.7
292.50	78.9	13.4	119.0
315.00	65.5	12.0	101.6
337.50	39.8	11.3	73.7

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.6	9.3	57.4
22.50	18.6	6.7	38.6
45.00	21.4	5.9	39.1
67.50	12.4	4.9	27.0
90.00	11.1	4.7	25.3
112.50	13.4	6.9	34.2
135.00	43.2	17.1	94.5
157.50	53.2	16.7	103.3
180.00	33.5	13.2	73.0
202.50	21.8	8.2	46.5
225.00	19.4	8.4	44.7
247.50	28.8	13.0	67.7
270.00	37.8	14.3	80.7
292.50	38.4	11.5	72.9
315.00	38.2	8.5	63.6
337.50	42.4	9.3	70.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.3	6.6	34.1
22.50	12.6	5.4	28.9
45.00	15.8	5.6	32.7
67.50	18.9	9.1	46.3
90.00	20.4	9.7	49.6
112.50	21.9	10.2	52.4
135.00	26.4	10.2	57.0
157.50	32.6	12.7	70.6
180.00	30.2	13.2	69.8
202.50	21.0	9.2	48.5
225.00	25.0	8.9	51.7
247.50	39.7	13.1	79.0
270.00	54.8	12.1	91.1
292.50	56.6	13.2	96.3
315.00	37.5	15.1	82.8
337.50	20.4	9.1	47.7

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	26.6	8.7	52.8
22.50	45.1	9.5	73.7
45.00	48.1	10.9	80.9
67.50	34.0	15.6	80.7
90.00	16.6	7.2	38.2
112.50	14.4	6.7	34.4
135.00	15.4	6.2	34.0
157.50	19.8	9.7	48.8
180.00	20.9	7.9	44.7
202.50	35.5	12.4	72.6
225.00	52.9	14.8	97.3
247.50	64.7	13.2	104.1
270.00	58.6	14.8	103.0
292.50	43.7	14.1	85.9
315.00	18.4	6.8	39.0
337.50	25.1	8.4	50.3

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.4	21.8	92.8
22.50	9.7	6.6	29.4
45.00	5.8	2.3	12.7
67.50	11.4	6.0	29.4
90.00	11.9	6.2	30.5
112.50	9.9	4.5	23.3
135.00	8.9	3.8	20.2
157.50	14.0	6.9	34.8
180.00	11.1	6.6	30.7
202.50	19.5	13.6	60.4
225.00	30.7	13.3	70.7
247.50	36.5	11.2	70.2
270.00	44.1	11.6	78.9
292.50	36.6	12.0	72.5
315.00	11.0	5.6	27.6
337.50	32.0	18.2	86.6

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.4	14.1	64.8
22.50	12.6	8.5	38.1
45.00	8.3	4.2	21.0
67.50	16.0	11.4	50.1
90.00	9.7	4.0	21.6
112.50	7.5	3.0	16.3
135.00	7.4	3.0	16.5
157.50	10.2	4.5	23.6
180.00	7.3	2.9	16.0
202.50	13.8	6.3	32.7
225.00	15.3	5.7	32.5
247.50	25.9	8.8	52.4
270.00	39.1	13.1	78.6
292.50	32.5	11.9	68.4
315.00	10.1	4.4	23.3
337.50	25.4	10.9	58.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.2	7.7	37.5
22.50	9.2	4.9	23.9
45.00	7.0	3.2	16.7
67.50	7.0	3.1	16.3
90.00	8.2	3.8	19.6
112.50	6.2	2.6	14.1
135.00	6.1	2.5	13.5
157.50	10.7	5.7	27.8
180.00	24.1	11.6	58.9
202.50	52.5	12.1	88.8
225.00	54.0	13.3	93.8
247.50	29.0	10.7	61.3
270.00	14.8	6.5	34.4
292.50	30.0	11.1	63.5
315.00	47.1	9.2	74.6
337.50	39.9	11.9	75.7

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.2	4.6	23.0
22.50	9.8	4.4	23.0
45.00	7.7	3.3	17.5
67.50	11.8	5.2	27.5
90.00	10.6	5.3	26.3
112.50	7.4	3.4	17.7
135.00	4.8	1.8	10.1
157.50	9.5	4.9	24.1
180.00	16.6	9.6	45.3
202.50	20.7	9.9	50.4
225.00	15.3	6.6	35.0
247.50	36.0	12.0	72.0
270.00	40.1	12.6	78.0
292.50	27.7	12.0	63.6
315.00	13.7	7.9	37.4
337.50	10.6	7.0	31.5

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.4	9.8	45.9
22.50	7.1	3.4	17.4
45.00	7.3	3.8	18.8
67.50	7.4	3.9	19.1
90.00	7.8	3.9	19.5
112.50	9.9	5.6	26.6
135.00	10.1	6.5	29.5
157.50	17.7	9.6	46.6
180.00	14.3	6.6	34.0
202.50	23.4	10.5	54.9
225.00	42.5	10.5	74.1
247.50	14.5	7.5	36.9
270.00	22.4	7.1	43.7
292.50	30.7	7.1	51.9
315.00	40.1	9.8	69.5
337.50	45.0	10.2	75.6

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	6.0	2.3	12.9
22.50	5.7	2.1	11.9
45.00	5.1	1.8	10.4
67.50	7.0	3.1	16.2
90.00	7.5	3.2	17.2
112.50	13.0	6.0	30.9
135.00	25.1	11.0	58.1
157.50	42.8	15.7	89.9
180.00	44.7	10.6	76.6
202.50	15.1	8.4	40.3
225.00	10.0	4.3	22.9
247.50	13.9	6.5	33.3
270.00	11.6	4.6	25.3
292.50	6.7	2.4	14.0
315.00	7.4	2.4	14.6
337.50	5.4	1.7	10.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UNITED AMERICAN CENTER, CHATTANOOGA

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.6	7.0	35.7
22.50	13.5	6.5	33.0
45.00	18.0	9.7	46.9
67.50	15.8	8.1	40.1
90.00	15.8	8.2	40.5
112.50	19.7	9.7	48.8
135.00	61.4	18.2	115.9
157.50	30.4	17.9	84.2
180.00	16.0	7.6	38.7
202.50	12.5	6.1	30.8
225.00	13.8	6.9	34.4
247.50	10.1	4.9	24.8
270.00	11.0	5.5	27.5
292.50	15.6	6.0	33.6
315.00	15.8	7.4	38.0
337.50	15.7	8.0	39.8

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.7	8.6	44.5
22.50	20.2	9.7	49.2
45.00	19.6	7.9	43.3
67.50	20.4	8.8	46.8
90.00	14.9	6.7	34.9
112.50	15.5	6.4	34.5
135.00	17.9	7.8	41.4
157.50	39.0	18.6	94.7
180.00	22.4	9.3	50.3
202.50	16.2	8.1	40.4
225.00	20.1	10.0	50.0
247.50	20.9	10.0	50.9
270.00	18.9	9.0	45.8
292.50	19.4	8.4	44.6
315.00	18.4	9.0	45.4
337.50	22.4	11.4	56.6

LOCATION 23

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	40.4	20.8	103.0
22.50	75.0	18.3	130.0
45.00	53.7	21.7	118.9
67.50	24.0	11.2	57.7
90.00	23.0	10.4	54.2
112.50	24.1	10.9	56.9
135.00	55.3	20.2	116.0
157.50	71.2	16.3	120.2
180.00	25.4	13.6	66.0
202.50	27.9	16.9	78.7
225.00	29.8	16.8	80.1
247.50	15.2	7.6	37.9
270.00	24.3	10.3	55.3
292.50	22.8	11.0	55.9
315.00	34.7	19.0	91.7
337.50	26.2	15.0	71.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
UNITED AMERICAN CENTER, CHATTANOOGA

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
11	292.5	78.9	13.4	119.0
23	22.5	75.0	18.3	130.0
11	270.0	74.9	16.3	123.7
23	157.5	71.2	16.3	120.2
9	45.0	68.6	12.8	106.9
8	45.0	68.2	13.1	107.6
6	112.5	67.7	10.2	98.4
7	90.0	67.7	13.5	108.0
6	135.0	66.8	11.0	99.8
6	90.0	65.8	10.8	98.3

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
15	0.0	27.4	21.8	92.8
23	45.0	53.7	21.7	118.9
23	0.0	40.4	20.8	103.0
23	135.0	55.3	20.2	116.0
11	247.5	54.0	20.2	114.5
7	135.0	39.5	20.1	100.0
5	337.5	32.9	19.0	90.1
23	315.0	34.7	19.0	91.7
22	157.5	39.0	18.6	94.7
9	67.5	61.0	18.5	116.4

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
23	22.5	75.0	18.3	130.0
11	270.0	74.9	16.3	123.7
23	157.5	71.2	16.3	120.2
11	292.5	78.9	13.4	119.0
23	45.0	53.7	21.7	118.9
9	67.5	61.0	18.5	116.4
23	135.0	55.3	20.2	116.0
21	135.0	61.4	18.2	115.9
11	247.5	54.0	20.2	114.5
7	112.5	64.5	16.5	114.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

LOVELL FIELD, CHATTANOOGA, TENN (1960-1976)

SEASON : ANNUAL NO. OF OBS.= 78876 HT. OF MEAS.= 57. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32 +	TOTAL
N	3.16	2.71	2.88	1.45	.07	0.00	0.00	10.27
NNE	2.99	2.88	2.77	1.19	.06	0.00	0.00	9.89
NE	2.69	2.42	1.76	.56	.03	0.00	0.00	7.46
ENE	1.66	1.36	.52	.10	0.00	0.00	0.00	3.64
E	1.29	.81	.23	.02	0.00	0.00	0.00	2.35
ESE	.98	.54	.12	.01	0.00	0.00	0.00	1.65
SE	1.66	1.12	.41	.12	.01	0.00	0.00	3.32
SSE	2.45	2.15	1.54	.64	.05	.01	0.00	6.84
S	5.20	4.90	4.60	1.96	.17	.01	0.00	16.84
SSW	2.59	2.40	2.21	.93	.08	.01	0.00	8.22
SW	1.87	1.41	1.19	.53	.05	.01	0.00	5.06
WSW	1.45	1.02	.93	.52	.09	.03	0.00	4.04
W	1.54	.95	1.01	.63	.10	.04	0.00	4.27
WNW	1.52	.97	1.07	.82	.15	.05	0.00	4.58
NW	1.72	1.11	1.14	.82	.17	.04	0.00	5.00
NNW	1.90	1.36	1.70	1.40	.18	.03	0.00	6.57
CALM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOT	34.67	28.11	24.08	11.70	1.21	.23	0.00	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 6) and Chattanooga Building Code:

   100-yr fastest mile at 30 ft = 100 mph

   Mean hourly wind speed = $\frac{100}{1.29}$ = 77.5 mph

   Mean hourly gradient wind speed = $77.5 \left(\frac{1000}{30}\right)^{.17}$ = 140.7 mph

   Mean hourly wind at ref. location U_∞ = gradient wind

   Reference pressure = $0.5\ \rho U_\infty^2 = (0.00256)(140.7)^2$ = 50.7 psf

   Use reference pressure = 51 psf

2. Loads for 100-yr winds with directional characteristics:

WIND DIRECTIONALITY - CHATTANOOGA, TENNESSEE[1]

Wind Direction (1)	Wind Speed[2] (2)	Minimum Wind Speed[3] (3)	Minimum Speed Ratio[4] (3)/100 (4)	Minimum Load Ratio (4)x(4) (5)
N (0°)	44	70	0.70	0.49
NE	52	70	0.70	0.49
E (90°)	41	70	0.70	0.49
SE	52	70	0.70	0.49
S (180°)	49	70	0.70	0.49
SW	69	70	0.70	0.49
W (270°)	77	77	0.77	0.59
NW	69	70	0.70	0.49

[1] Based on fastest mile wind for each year, 1941-1974, for each wind direction; data supplied by the National Climatic Center, Asheville, NC.

[2] 100-year recurrence fastest mile of wind at 30 ft in mph

[3] 100-year recurrence fastest mile of wind at 30 ft using a minimum wind speed of 70 mph recommended in the revised ANSI A58.1, 1981.

[4] Speed referenced to the 100 mph fastest mile wind specified for the 100-year recurrence wind in the wind map in ANSI A58.1, 1972, and used for one data reduction set in this report.

TABLE 5 (continued)

3. Gust load factors to convert hourly mean integrated loads to various gust durations (see Sect. 4.4):

Gust Duration, sec	Gust Load Factor
10-15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$
45	$(1.26)^2 = 1.59$

30-sec duration load factor was used in Table 7.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ----
101	260	-1.13	-34.0	22.5
102	250	-1.06	-31.8	17.0
103	270	-1.01	-30.4	16.3
104	80	-1.13	-28.1	19.3
105	80	-1.19	-29.8	17.4
106	270	-.95	-28.7	15.0
107	260	-1.47	-44.3	23.8
108	260	-1.06	-31.9	25.5
109	260	-1.42	-42.8	20.7
110	260	-1.46	-44.0	20.2
111	260	-1.52	-45.7	19.5
112	80	-1.30	-32.4	20.5
113	70	-.95	-23.7	22.1
114	80	-.95	-23.8	21.4
115	290	.85	-24.3	25.5
116	280	-1.18	-35.6	25.4
117	280	-1.28	-38.5	23.5
118	270	-1.14	-34.2	22.7
119	280	-1.83	-55.2	24.9
120	290	.81	-23.4	24.4
121	80	-1.15	-28.8	26.3
122	260	-1.37	-41.1	22.2
123	260	-1.34	-40.3	22.6
124	70	-1.15	-28.7	23.6
125	270	-1.19	-35.8	28.1
126	270	-1.34	-40.4	24.4
127	270	-1.17	-35.1	22.7
128	270	-1.36	-41.0	23.8
129	280	-2.14	-64.4	22.1
130	270	-1.60	-48.0	19.1
131	260	-1.57	-47.3	20.5
132	80	-1.43	-35.7	20.3
133	70	-1.40	-35.1	20.3
134	280	-1.21	-36.5	22.6
135	270	-1.17	-35.4	23.8
136	280	-1.10	-33.2	20.7
137	80	-1.57	-39.2	20.4
138	260	-1.29	-38.7	17.1
139	70	-1.56	-39.0	17.5
140	80	-1.67	-41.8	18.9
141	260	-1.39	-41.7	20.7
142	280	-1.45	-43.7	21.9
143	260	-1.61	-48.4	19.1
144	270	-1.53	-46.1	18.8
145	100	-2.19	-54.8	19.1
146	70	-1.92	-47.9	15.5
147	70	-1.56	-39.0	12.9
148	80	-1.15	-28.9	15.1
149	260	-1.08	-32.4	13.1
150	260	-1.88	-56.7	13.6
151	260	-1.82	-54.9	14.9
152	270	-2.17	-65.3	14.9
153	280	-2.61	-78.5	17.9
154	60	-2.07	-51.7	16.5
155	80	-1.34	-33.5	13.5
156	260	-.95	-28.6	15.7
157	110	-1.54	-38.5	15.7
158	250	-1.68	-50.5	12.8
159	270	-2.58	-77.5	12.8
160	280	-1.41	-42.3	12.8
161	90	-1.44	-36.1	9.8
162	260	-1.04	-31.2	11.6
163	270	-.92	-27.7	15.3
164	260	-1.04	-31.2	16.3
165	100	-1.17	-29.4	8.6
166	150	-1.10	-27.5	15.9
167	100	-1.23	-30.8	11.8
168	260	-1.08	-32.4	13.7
169	110	-1.61	-40.3	8.9
170	260	-.94	-28.2	19.5
171	250	-.93	-27.9	20.8
172	80	-1.85	-46.2	12.3
173	130	-1.29	-32.2	15.7
174	130	-1.15	-28.8	14.2
175	130	-1.22	-30.6	14.5
176	220	-1.58	-39.4	11.7
177	270	-1.63	-49.0	9.1
201	190	-2.33	-58.3	22.6
202	180	-1.95	-48.7	21.3
203	200	-1.21	-30.1	18.3
204	0	-1.17	-29.3	15.7
205	340	-1.20	-30.0	16.8
206	350	-1.35	-33.7	21.0
207	0	-1.99	-49.8	21.4
208	350	-3.00	-75.0	20.7
209	180	-2.05	-51.2	22.0
210	190	-2.00	-50.0	27.0
211	190	-1.49	-37.3	23.1
212	200	-1.08	-26.9	24.6
213	340	-1.21	-30.3	22.7
214	340	-1.44	-35.9	22.8
215	0	-2.81	-70.1	22.7
216	350	-2.35	-58.8	25.3
217	190	-1.14	-28.5	22.3
218	340	-1.15	-28.7	23.2
219	350	-1.23	-30.8	24.9
220	190	-1.74	-43.5	24.2
221	190	-1.76	-44.0	23.7
222	190	-1.67	-41.8	23.5
223	190	-1.23	-30.6	24.0
224	340	-1.17	-29.2	23.9
225	0	-1.55	-38.7	24.6
226	0	-2.15	-53.9	24.2
227	0	-1.96	-49.1	22.9
228	190	-2.31	-57.7	20.5
229	180	-2.16	-53.9	21.9
230	190	-1.60	-39.9	21.7
231	190	-1.12	-27.9	21.8
232	350	-1.29	-32.2	22.5
233	350	-1.53	-38.3	21.4
234	350	-2.12	-53.0	22.3
235	350	-1.88	-46.9	22.8
236	190	-2.22	-55.6	19.0
237	190	-1.93	-48.1	18.2
238	180	-1.77	-44.2	20.3
239	340	-1.03	-25.8	21.8
240	350	-1.37	-34.3	21.1
241	350	-1.66	-41.4	19.6
242	0	-1.63	-40.7	19.0
243	350	-1.89	-47.2	21.4
244	180	-1.61	-40.3	14.7
245	270	-1.44	-43.3	12.9
246	270	-1.33	-40.1	16.2
247	260	-1.16	-34.9	15.4
248	350	-1.13	-28.3	16.3
249	350	-1.90	-47.6	15.5
250	270	-1.15	-34.7	17.2
251	340	-1.75	-43.8	14.4
252	270	-1.07	-32.1	12.6
253	270	-1.19	-35.7	20.9
254	330	-1.41	-35.2	13.7
255	280	-1.18	-35.4	14.7
256	270	-.78	-23.6	12.4
257	260	-.86	-25.9	19.7
258	270	-.96	-28.9	24.3
259	270	-.89	-26.8	15.3
260	180	-1.53	-38.2	12.5
261	270	-1.13	-33.9	13.5
262	190	-1.62	-40.6	15.1
263	260	-1.34	-40.3	17.5
264	340	-1.38	-34.4	17.2
265	350	-2.55	-63.7	13.2
266	340	-1.39	-34.6	13.9
267	260	-1.16	-34.9	15.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
268	260	-.93	-27.9	18.2
269	260	-.98	-29.5	19.6
270	180	-1.75	-43.7	13.8
271	190	-1.74	-43.4	19.7
272	200	-1.16	-29.0	18.2
273	340	-1.17	-29.2	18.2
274	340	-1.34	-33.4	13.4
275	270	-1.03	-30.9	14.0
276	270	-.84	-25.4	9.2
277	260	-.83	-25.1	16.0
278	260	-.83	-25.0	21.5
279	290	-.85	-25.6	14.8
280	260	-.87	-26.3	15.1
281	260	-.88	-26.6	17.2
282	270	-.76	-22.8	8.2
283	270	-.81	-24.4	15.9
284	260	-.88	-26.6	21.6
285	270	-.90	-27.1	19.4
286	270	-.78	-23.6	17.0
287	270	-.94	-28.3	23.4
288	270	-.79	-23.9	21.4
289	200	-1.10	-27.6	19.4
290	270	-.91	-27.4	20.3
291	350	-1.15	-28.6	19.5
292	270	-1.02	-30.7	16.1
293	260	-.90	-27.0	17.6
294	260	-.94	-28.2	16.9
301	270	-.99	-29.9	16.3
302	100	-1.17	-29.2	17.6
303	80	-1.08	-27.0	18.0
304	270	-1.18	-35.5	17.0
305	290	-1.05	-31.7	15.5
306	280	-1.14	-34.2	18.2
307	90	-1.02	-25.5	21.3
308	80	-.95	-23.8	21.1
309	100	-1.38	-34.5	21.4
310	260	-1.31	-39.4	19.6
311	270	-1.55	-46.7	18.1
312	270	-1.53	-45.9	21.6
313	270	-1.08	-32.4	23.2
314	280	-1.29	-38.9	23.3
315	80	-.89	-22.3	21.4
316	240	1.01	-24.3	25.1
317	260	-1.75	-52.8	24.9
318	260	-1.11	-33.4	21.2
319	260	-1.19	-35.9	23.3
320	260	-1.24	-37.5	23.2
321	180	-.94	-23.4	22.6
322	250	-2.24	-67.3	25.0
323	270	-1.30	-39.2	24.4
324	270	-1.16	-34.8	22.5
325	260	-1.15	-34.7	24.8
326	260	-1.08	-32.5	26.1
327	110	-1.20	-36.1	25.2
328	270	-1.40	-42.0	24.7
329	270	-1.60	-48.2	24.1
330	80	-1.83	-45.8	22.8
331	80	-1.61	-40.2	22.1
332	270	-1.22	-36.7	23.3
333	260	-1.18	-35.5	22.0
334	270	-1.25	-37.5	23.9
335	110	-1.24	-36.9	22.3
336	270	-1.27	-38.3	21.5
337	270	-1.76	-52.9	22.0
338	270	-1.44	-43.3	19.7
339	270	-1.46	-43.8	20.6
340	260	-1.48	-44.4	20.3
341	270	-1.46	-43.9	18.6
342	260	-1.34	-40.3	17.9
343	100	-1.50	-37.4	18.6
344	270	-1.22	-36.7	18.4
345	280	-1.40	-42.3	18.1
346	280	-2.21	-66.4	17.3
347	270	-1.67	-50.1	17.5
348	270	-1.89	-57.0	15.6
349	280	-1.83	-55.0	15.7
350	270	-.91	-27.5	16.3
351	90	-1.10	-27.4	15.7
352	110	-1.91	-47.8	13.0
353	110	-1.87	-46.8	10.3
354	280	-1.57	-47.4	15.9
355	280	-2.16	-65.1	18.4
356	290	-1.33	-40.1	16.2
357	270	-1.30	-39.1	13.9
358	260	-.94	-28.4	13.0
359	270	-.98	-29.4	14.7
360	100	-2.13	-53.2	12.1
361	280	-1.08	-32.6	12.2
362	90	-1.06	-26.5	10.9
363	280	-1.47	-44.2	15.4
364	290	-.97	-29.1	15.9
365	290	-1.07	-32.2	13.0
366	290	-.99	-29.9	12.6
367	30	-1.07	-26.8	11.0
368	280	-.84	-25.2	16.5
369	280	-1.13	-33.9	13.7
370	280	-2.03	-61.0	13.2
371	290	-1.40	-42.1	19.5
372	50	-.88	-21.9	13.6
373	50	-.81	-20.2	15.8
374	290	-.99	-29.8	13.7
375	290	-.71	-21.3	10.2
376	60	-.77	-19.3	8.4
377	280	-.91	-27.5	21.2
378	280	-.89	-26.8	20.9
401	350	-1.38	-34.4	27.4
402	290	.96	-27.4	28.9
403	260	.96	-24.7	28.8
404	50	-1.10	-27.6	26.5
405	70	-1.32	-33.1	29.4
406	190	-1.36	-34.1	27.9
407	0	-1.17	-29.1	21.9
408	10	-1.23	-30.7	24.7
409	10	-1.09	-27.2	25.6
410	0	-1.98	-49.6	27.3
411	0	-1.33	-33.3	23.8
412	270	.84	-21.5	25.3
413	280	.89	-23.7	26.7
414	180	-1.32	-32.9	25.4
415	180	-1.61	-40.4	23.4
416	260	.84	-21.1	25.3
417	270	.83	-21.7	24.9
418	30	-1.01	-25.3	23.1
419	80	-.89	-22.2	20.8
420	290	.88	-23.3	26.5
421	350	-1.55	-38.8	25.7
422	290	.83	-23.8	25.0
423	0	-1.00	-24.9	23.6
424	190	-1.47	-36.8	28.0
425	250	.87	-22.4	26.2
426	90	-.89	-22.2	20.9
427	0	-1.06	-26.5	22.3
428	0	-1.21	-30.2	24.3
429	10	-1.15	-28.8	24.5
430	0	-1.64	-41.0	28.3
431	340	-1.25	-31.1	27.5
432	150	-1.40	-35.1	31.0
433	260	.95	-23.3	28.7
434	270	.88	-24.0	26.6
435	180	-1.38	-34.5	26.9
436	250	.85	-24.0	25.5
437	250	.81	-21.2	24.4
438	170	-1.00	-24.9	23.8
439	160	-.91	-22.9	22.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK (PSF)	POSITIVE PEAK (PSF)
440	280	.93	-21.2	27.9
441	250	.88	-24.3	26.5
442	230	.88	-21.4	22.1
443	340	-2.22	-55.6	24.4
444	350	-1.32	-33.0	29.4
445	0	-1.13	-28.3	26.6
446	280	.93	-26.4	28.0
447	0	-1.15	-28.7	27.5
448	280	1.03	-29.2	31.0
449	260	.97	-22.4	29.2
450	170	-1.52	-38.1	27.2
451	250	.93	-22.0	27.9
452	250	.93	-23.7	28.0
453	190	-1.16	-28.9	27.6
454	190	-1.89	-47.2	22.7
455	350	-1.35	-33.8	22.8
456	0	-1.42	-35.4	27.0
457	350	-1.06	-26.5	26.4
458	280	.92	-23.7	27.7
459	280	.92	-22.9	27.8
460	170	-1.03	-25.9	25.7
461	180	-1.08	-26.9	26.7
462	270	.87	-23.5	26.3
463	180	-1.10	-27.5	22.3
464	190	-.99	-24.8	22.4
465	350	-1.62	-40.4	17.5
466	340	-1.67	-41.7	25.8
467	0	-1.70	-42.4	26.0
468	0	-1.26	-31.5	23.2
469	0	-1.34	-33.5	25.2
470	0	-.98	-24.6	22.8
471	150	-1.30	-32.4	23.4
472	150	-1.22	-30.4	23.5
473	170	-1.18	-29.5	23.6
474	170	-1.38	-34.5	22.9
475	180	-1.44	-36.0	22.4
476	180	-1.20	-30.1	19.8
477	350	-1.60	-40.0	17.0
478	0	-1.53	-38.2	20.8
479	20	-1.45	-36.1	14.6
480	10	-1.36	-34.1	14.0
481	20	-1.32	-32.9	17.0
482	170	-1.12	-28.1	17.9
483	170	-1.35	-33.8	16.5
484	170	-1.03	-25.8	15.3
485	170	-1.70	-42.4	12.8
486	170	-1.90	-47.5	13.3
487	30	-1.13	-28.3	17.3
488	30	-1.26	-31.6	16.6
489	40	-1.48	-37.0	20.3
490	80	-1.10	-27.6	12.1
491	290	-.71	-21.3	12.0
492	260	-.84	-25.2	14.9
493	90	-.94	-23.5	20.6
494	130	-1.38	-34.5	18.2
495	110	-1.24	-31.1	19.2
496	110	-1.15	-28.7	15.6
497	40	-1.10	-27.5	14.8
498	30	-1.41	-35.3	23.0
499	40	-1.34	-33.4	20.4
500	30	-1.03	-25.8	11.0
501	100	-1.01	-25.2	10.9
502	90	-.96	-24.0	16.8
503	130	-1.24	-31.0	17.4
504	90	-1.26	-31.4	17.6
505	110	-1.32	-33.1	15.4
506	110	-1.19	-29.8	13.0
507	110	-1.17	-29.3	11.2
508	40	-1.37	-34.2	16.5
509	70	-.69	-17.4	14.7
510	80	-.93	-23.2	11.7
511	80	-.92	-23.0	14.6
512	100	-.85	-21.3	14.1
513	100	-.81	-20.2	14.6
514	90	-1.04	-25.9	16.3
515	110	-1.48	-36.9	14.0
516	90	-1.77	-44.2	10.4
801	30	-1.53	-38.3	14.4
802	170	-1.49	-37.2	12.4
803	280	.70	-17.3	21.0
804	260	-1.12	-33.6	11.1
805	80	-.54	-13.5	6.8
806	80	-.46	-11.6	3.9
807	270	-1.40	-42.1	9.4
901	20	-1.50	-37.5	7.0
902	70	-1.13	-28.3	3.1
903	150	-1.44	-36.0	6.5
904	20	-1.67	-41.8	11.5
905	150	-1.52	-37.9	12.7
906	70	-1.17	-29.3	15.6
907	280	-1.03	-31.0	.8
908	260	-1.06	-32.0	15.0
909	60	-.85	-21.1	18.4
910	270	-1.06	-31.9	26.8
911	280	-1.76	-52.9	28.5
912	70	-1.30	-32.5	21.1
913	260	-1.19	-35.7	12.8
914	260	-1.16	-35.0	12.7
915	340	-1.34	-33.6	4.5
916	250	-1.02	-30.6	6.7
917	20	-.89	-22.3	20.1
918	270	-.93	-27.9	23.3
919	350	-1.11	-27.6	5.3
920	250	-.99	-29.8	3.1
921	190	-1.43	-35.9	9.8
922	270	-.87	-26.2	21.5
923	290	-.76	-23.0	19.7
924	90	-.92	-22.9	18.4
925	20	-.84	-20.9	14.6
926	250	.74	-21.6	22.3
927	290	.78	-23.3	23.4
928	80	-1.00	-25.0	24.5
929	350	-1.09	-27.3	24.3
930	260	.85	-21.0	25.6
931	190	-1.10	-27.4	22.6
932	80	-.95	-23.7	23.5
933	80	-.89	-22.2	20.5
934	260	-.86	-26.0	20.7
935	110	-1.40	-35.1	11.3
936	90	-1.02	-25.4	17.1
937	290	.69	-18.3	20.7
938	260	1.12	-24.6	33.8
939	160	.87	-21.0	21.7
940	270	-1.17	-35.2	11.7
941	80	-1.31	-32.7	14.7
942	80	-1.36	-34.0	18.5
943	90	-1.49	-37.2	17.6
944	80	-1.08	-27.1	9.5
945	110	-1.67	-41.6	9.8
946	90	-1.57	-39.2	17.2
947	90	-1.22	-30.4	14.4
948	60	-1.31	-32.7	16.1
949	60	-.96	-24.1	9.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
153	280	-2.61	-78.5	17.9
159	270	-2.58	-77.5	12.3
208	350	-3.00	-75.0	20.7
215	0	-2.81	-70.1	22.7
322	250	-2.24	-67.3	25.0
346	280	-2.21	-66.4	17.3
152	270	-2.17	-65.3	14.9
355	280	-2.16	-65.1	18.4
129	280	-2.14	-64.4	22.1
265	350	-2.55	-63.7	13.2
370	280	-2.03	-61.0	13.2
216	350	-2.35	-58.8	25.3
201	190	-2.33	-58.3	22.6
228	190	-2.31	-57.7	20.5
348	270	-1.89	-57.0	15.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 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 ----
153	266	-2.56	-77.0	14.3	215	0	-2.67	-66.8	22.1	346	270	-1.67	-50.2	-.3
159	264	-2.57	-77.2	15.7	265	348	-2.43	-60.8	9.5	443	340	-2.14	-53.4	24.0
208	348	-1.95	-48.7	20.2	322	262	-2.25	-67.6	.7					

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

* * 8 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
159	264	-2.57	-77.2	15.7
153	266	-2.56	-77.0	14.3
322	262	-2.25	-67.6	.7
215	0	-2.67	-66.8	22.1
265	348	-2.43	-60.8	9.5
443	340	-2.14	-53.4	24.0
346	270	-1.67	-50.2	-.3
208	348	-1.95	-48.7	20.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 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 ----
101	260	-1.13	-57.5	45.9	149	70	-1.16	-58.9	26.8	220	190	-1.74	-88.9	49.4
102	60	-1.11	-56.8	34.8	150	260	-1.88	-96.0	27.7	221	190	-1.76	-89.9	48.3
103	80	-1.16	-59.1	33.3	151	260	-1.82	-93.0	28.5	222	190	-1.67	-85.4	47.9
104	80	-1.13	-57.4	39.3	152	270	-2.17	-110.6	30.5	223	190	-1.23	-62.5	49.1
105	80	-1.19	-60.9	35.6	153	280	-2.61	-133.0	36.6	224	340	-1.17	-59.5	48.7
106	80	-1.01	-51.6	30.7	154	60	-2.07	-105.6	25.0	225	0	-1.55	-78.9	50.1
107	260	-1.47	-75.0	48.5	155	80	-1.34	-68.3	27.5	226	0	-2.15	-109.9	49.5
108	260	-1.06	-54.1	52.0	156	100	-1.10	-56.1	31.1	227	0	-1.96	-100.2	46.7
109	260	-1.42	-72.5	42.3	157	110	-1.54	-78.5	32.0	228	190	-2.31	-117.7	41.7
110	260	-1.46	-74.6	41.1	158	250	-1.68	-85.5	26.2	229	180	-2.16	-110.0	44.7
111	260	-1.52	-77.5	39.8	159	270	-2.58	-131.4	25.2	230	190	-1.60	-81.5	44.4
112	80	-1.30	-66.2	41.9	160	110	-1.63	-83.1	26.2	231	190	-1.12	-57.0	44.5
113	70	-.95	-48.3	45.2	161	90	-1.44	-73.6	20.1	232	350	-1.29	-65.7	45.9
114	80	-.95	-48.6	40.1	162	110	-1.04	-53.2	23.6	233	350	-1.53	-78.3	43.7
115	70	-.85	-43.3	43.3	163	80	-.96	-49.1	32.1	234	350	-2.12	-106.1	45.4
116	280	-1.18	-60.3	51.8	164	260	-1.04	-52.9	33.2	235	350	-1.88	-95.7	46.5
117	80	-1.29	-65.8	48.0	165	100	-1.17	-59.9	17.6	236	190	-2.22	-113.5	38.9
118	270	-1.14	-57.9	46.3	166	150	-1.10	-56.2	30.6	237	190	-1.93	-98.2	37.1
119	280	-1.83	-93.6	50.8	167	100	-1.23	-62.8	24.1	238	180	-1.77	-90.1	41.5
120	300	.95	-47.8	48.7	168	100	-1.25	-63.7	28.0	239	340	-1.03	-52.7	44.5
121	80	-1.15	-58.8	45.3	169	110	-1.61	-82.3	18.1	240	350	-1.37	-70.0	43.2
122	260	-1.37	-69.7	45.4	170	90	-1.11	-56.6	39.8	241	350	-1.66	-84.5	40.0
123	260	-1.34	-68.3	46.0	171	250	-.93	-47.3	40.8	242	0	-1.63	-83.0	38.8
124	70	-1.15	-58.6	48.1	172	80	-1.85	-94.4	25.2	243	350	-1.89	-96.3	43.7
125	270	-1.19	-60.7	57.3	173	130	-1.29	-65.7	31.9	244	180	-1.61	-82.3	30.1
126	270	-1.34	-68.4	49.7	174	130	-1.15	-58.7	29.0	245	270	-1.44	-73.4	26.3
127	70	-1.18	-60.1	46.3	175	130	-1.22	-62.4	29.7	246	190	-1.57	-80.0	33.1
128	270	-1.36	-69.4	48.6	176	220	-1.58	-80.4	24.0	247	190	-1.20	-61.0	31.5
129	280	-2.14	-109.1	45.1	177	110	-1.95	-99.4	18.6	248	350	-1.13	-57.8	33.2
130	270	-1.60	-81.3	39.0	201	190	-2.33	-119.0	46.1	249	350	-1.90	-97.1	31.6
131	260	-1.57	-80.1	41.9	202	180	-1.95	-99.4	43.1	250	340	-1.31	-66.8	35.0
132	80	-1.43	-72.9	41.4	203	200	-1.21	-61.5	37.3	251	340	-1.75	-89.3	29.5
133	70	-1.40	-71.6	41.4	204	0	-1.17	-59.7	32.1	252	180	-1.21	-61.5	25.7
134	80	-1.31	-66.7	46.0	205	340	-1.20	-61.3	34.3	253	270	-1.19	-60.5	40.7
135	270	-1.17	-59.9	48.5	206	350	-1.35	-68.8	42.9	254	330	-1.41	-71.8	27.5
136	90	-1.31	-66.8	42.2	207	0	-1.99	-101.7	43.6	255	340	-1.19	-60.9	30.1
137	80	-1.57	-80.0	41.6	208	350	-3.00	-153.1	42.2	256	340	-.81	-41.5	25.2
138	60	-1.50	-76.5	34.9	209	180	-2.05	-104.5	44.9	257	260	-.86	-43.9	40.3
139	70	-1.56	-79.5	35.8	210	190	-2.00	-102.1	55.1	258	80	.97	-49.0	49.6
140	80	-1.67	-85.2	38.6	211	190	-1.49	-76.1	47.1	259	100	-.95	-48.3	31.6
141	260	-1.39	-70.6	42.3	212	200	-1.08	-54.9	50.3	260	180	-1.53	-78.0	25.0
142	280	-1.45	-74.0	44.7	213	340	-1.21	-61.9	46.4	261	170	-1.28	-65.5	27.6
143	260	-1.61	-82.1	39.1	214	340	-1.44	-73.3	46.6	262	190	-1.62	-82.8	30.8
144	270	-1.53	-78.2	38.3	215	0	-2.81	-143.1	46.3	263	200	-1.56	-79.4	35.8
145	100	-2.19	-111.9	39.0	216	350	-2.35	-120.1	51.7	264	340	-1.38	-70.3	35.0
146	70	-1.92	-97.7	31.6	217	190	-1.14	-58.2	45.5	265	350	-2.55	-130.0	27.0
147	70	-1.56	-79.6	26.4	218	340	-1.15	-58.6	47.3	266	340	-1.39	-70.7	28.4
148	80	-1.15	-58.9	30.9	219	350	-1.23	-62.9	50.8	267	260	-1.16	-59.2	31.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK
268	80	-1.05	-53.7	37.2
269	260	-.98	-50.1	39.9
270	180	-1.75	-89.1	28.2
271	190	-1.74	-88.5	40.3
272	200	-1.16	-59.1	37.2
273	340	-1.17	-59.7	37.2
274	340	-1.34	-68.2	27.4
275	350	-1.12	-57.0	28.5
276	270	-.84	-43.0	18.7
277	260	-.83	-42.5	32.7
278	100	.86	-42.4	43.8
279	290	-.85	-43.4	30.3
280	90	-.94	-47.9	30.8
281	260	-.88	-45.1	35.0
282	270	-.76	-38.6	16.8
283	270	-.81	-41.4	32.5
284	260	-.88	-45.1	44.2
285	270	-.90	-45.9	39.6
286	180	-.92	-46.9	34.7
287	270	-.94	-48.0	47.7
288	100	.85	-40.5	43.6
289	200	-1.10	-56.3	39.6
290	350	-.94	-48.1	41.5
291	350	-1.15	-58.4	39.9
292	340	-1.06	-54.3	32.8
293	260	-.90	-45.7	35.9
294	150	-1.00	-51.2	34.4
301	80	-1.05	-53.7	33.3
302	100	-1.17	-59.6	35.9
303	80	-1.08	-55.0	36.7
304	270	-1.18	-60.2	34.7
305	290	-1.05	-53.7	31.5
306	280	-1.14	-58.0	37.1
307	90	-1.02	-52.1	43.4
308	80	-.95	-48.6	43.1
309	100	-1.38	-70.4	43.6
310	260	-1.31	-66.8	40.1
311	270	-1.55	-79.1	36.9
312	270	-1.53	-77.8	44.1
313	270	-1.08	-54.9	47.3
314	280	-1.29	-66.0	47.6
315	80	-.89	-45.5	42.3
316	240	1.01	-49.6	51.3
317	260	-1.75	-89.5	50.8
318	260	-1.11	-56.6	43.3
319	80	-1.20	-61.0	47.5
320	260	-1.24	-63.5	47.3
321	180	-.94	-47.8	46.0
322	250	-2.24	-114.1	51.1
323	270	-1.30	-66.5	49.9
324	270	-1.16	-59.0	46.0
325	110	-1.36	-69.3	50.6
326	100	-1.12	-57.2	53.2
327	110	-1.20	-61.4	51.4
328	270	-1.40	-71.2	50.4
329	270	-1.60	-81.8	49.3
330	80	-1.83	-93.5	46.5
331	80	-1.61	-82.1	45.1
332	240	-1.37	-69.9	47.5
333	110	-1.23	-62.8	44.9
334	270	-1.25	-63.6	48.8
335	110	-1.24	-63.1	45.6
336	270	-1.27	-64.9	43.8
337	270	-1.76	-89.7	45.0
338	90	-1.56	-79.6	40.1
339	270	-1.46	-74.2	42.0
340	260	-1.48	-75.2	41.4
341	270	-1.46	-74.5	38.0
342	110	-1.38	-70.3	36.5
343	100	-1.50	-76.4	38.0
344	270	-1.22	-62.2	37.6
345	280	-1.40	-71.7	36.9
346	280	-2.21	-112.6	35.3
347	270	-1.67	-85.0	35.8
348	270	-1.89	-96.5	31.9
349	280	-1.83	-93.2	32.1
350	90	-1.02	-52.1	33.3
351	90	-1.10	-55.9	32.0
352	110	-1.91	-97.6	26.5
353	110	-1.87	-95.5	21.0
354	280	-1.57	-80.3	32.4
355	280	-2.16	-110.3	37.6
356	290	-1.33	-68.0	33.1
357	270	-1.30	-66.2	28.5
358	50	-1.03	-52.7	26.5
359	90	-1.01	-51.3	30.0
360	100	-2.13	-108.6	24.8
361	280	-1.08	-55.3	24.9
362	90	-1.06	-54.0	22.3
363	310	-1.53	-77.8	31.4
364	290	-.97	-49.2	32.4
365	300	-1.11	-56.4	26.5
366	290	-.99	-50.7	25.6
367	30	-1.07	-54.7	22.5
368	280	-.84	-42.7	33.7
369	280	-1.13	-57.5	28.0
370	280	-2.03	-103.4	26.9
371	310	-1.46	-74.5	39.8
372	50	-.88	-44.6	27.8
373	50	-.81	-41.2	28.8
374	310	-1.02	-52.1	28.0
375	100	-.80	-40.6	20.8
376	60	-.77	-39.4	17.2
377	280	-.91	-46.6	43.3
378	280	-.89	-45.4	42.7
401	350	-1.38	-70.3	46.4
402	30	-1.10	-56.0	49.0
403	130	-.99	-50.4	48.8
404	50	-1.10	-56.2	44.9
405	70	-1.32	-67.6	49.9
406	190	-1.36	-69.6	47.2
407	0	-1.17	-59.4	44.2
408	10	-1.23	-62.7	42.4
409	10	-1.09	-55.5	43.9
410	0	-1.98	-101.2	46.3
411	0	-1.33	-68.0	40.4
412	20	-.86	-43.8	42.8
413	60	-.95	-48.3	45.3
414	180	-1.32	-67.1	43.7
415	180	-1.61	-82.4	39.7
416	230	.91	-43.1	46.6
417	170	-.87	-44.3	42.9
418	30	-1.01	-51.6	47.1
419	80	-.89	-45.4	42.4
420	300	.99	-47.5	50.4
421	350	-1.55	-79.2	43.6
422	70	-.95	-48.5	42.4
423	0	-1.00	-50.8	40.0
424	190	-1.47	-75.2	49.0
425	230	.96	-44.2	48.9
426	90	-.89	-45.3	42.5
427	0	-1.06	-54.0	45.2
428	0	-1.21	-61.6	46.6
429	10	-1.15	-58.8	46.1
430	0	-1.64	-83.8	47.9
431	340	-1.25	-63.5	46.7
432	150	-1.40	-71.6	52.5
433	260	.95	-47.6	48.6
434	180	-.96	-49.0	45.1
435	180	-1.38	-70.4	45.5
436	170	-.96	-49.0	48.0
437	230	.88	-43.2	45.1
438	170	-1.00	-50.9	46.7
439	160	-.91	-46.6	45.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF ----	POSITIVE PEAK ---- PSF ----
440	280	.93	-43.3	47.4
441	80	-.97	-49.6	45.8
442	230	.88	-43.7	45.0
443	340	-2.22	-113.4	49.7
444	350	-1.32	-67.4	49.8
445	0	-1.13	-57.8	45.0
446	0	-1.06	-53.8	48.0
447	0	-1.15	-58.7	46.7
448	0	-1.17	-59.5	52.5
449	260	.97	-45.8	49.4
450	170	-1.52	-77.7	46.1
451	250	.93	-44.9	47.3
452	170	-.95	-48.5	47.4
453	190	-1.16	-59.0	47.0
454	190	-1.89	-96.2	46.3
455	350	-1.35	-69.1	45.7
456	0	-1.42	-72.3	45.8
457	350	-1.06	-54.2	44.8
458	0	-.95	-48.3	47.0
459	280	.92	-46.7	47.1
460	170	-1.03	-52.8	43.6
461	180	-1.08	-54.9	45.2
462	180	-.94	-48.0	44.5
463	180	-1.10	-56.1	44.1
464	190	-.99	-50.7	45.7
465	350	-1.62	-82.4	30.9
466	340	-1.67	-85.1	43.7
467	0	-1.70	-86.5	44.1
468	0	-1.26	-64.4	39.4
469	0	-1.34	-68.5	42.7
470	0	-.98	-50.2	38.6
471	150	-1.30	-66.1	39.7
472	150	-1.22	-62.0	39.8
473	170	-1.18	-60.2	40.0
474	170	-1.38	-70.4	38.8
475	180	-1.44	-73.4	41.8
476	180	-1.20	-61.4	40.4
477	350	-1.60	-81.6	34.8
478	0	-1.53	-77.9	42.4
479	20	-1.45	-73.7	29.7
480	10	-1.36	-69.6	28.6
481	20	-1.32	-67.1	31.2
482	170	-1.12	-57.3	30.3
483	170	-1.35	-69.0	28.0
484	170	-1.03	-52.6	26.0
485	170	-1.70	-86.5	26.1
486	170	-1.90	-97.0	27.2
487	30	-1.13	-57.7	29.3
488	30	-1.26	-64.4	29.7
489	40	-1.48	-75.4	34.8
490	80	-1.10	-56.3	23.9
491	110	-.75	-38.2	24.5
492	100	-.98	-49.9	26.0
493	90	-.94	-47.9	34.9
494	130	-1.38	-70.3	30.9
495	110	-1.24	-63.4	32.5
496	110	-1.15	-58.5	30.3
497	40	-1.10	-56.0	25.1
498	30	-1.41	-72.0	38.9
499	40	-1.34	-68.3	41.5
500	30	-1.03	-52.7	22.4
501	100	-1.01	-51.4	22.2
502	90	-.96	-49.1	28.9
503	130	-1.24	-63.3	29.6
504	90	-1.26	-64.2	29.9
505	110	-1.32	-67.5	26.1
506	110	-1.19	-60.8	22.6
507	110	-1.17	-59.8	22.8
508	40	-1.37	-69.8	33.7
509	70	-.69	-35.4	30.0
510	80	-.93	-47.3	23.8
511	80	-.92	-46.8	29.7
512	100	-.85	-43.5	28.8
513	100	-.81	-41.3	26.4
514	90	-1.04	-53.0	33.3
515	110	-1.48	-75.3	23.7
516	90	-1.77	-90.2	21.3
801	30	-1.53	-78.2	29.3
802	170	-1.49	-75.9	25.4
803	280	.70	-35.3	35.6
804	100	-1.14	-58.4	22.7
805	80	-.54	-27.6	13.8
806	80	-.46	-23.6	8.0
807	270	-1.40	-71.3	19.1
901	20	-1.50	-76.5	14.3
902	70	-1.13	-57.8	6.3
903	150	-1.44	-73.4	13.2
904	20	-1.67	-85.3	23.4
905	150	-1.52	-77.3	25.9
906	70	-1.17	-59.8	31.7
907	80	-1.18	-60.0	1.7
908	100	-1.15	-58.6	30.6
909	60	-.85	-43.1	37.5
910	340	1.07	-54.0	54.8
911	280	-1.76	-89.6	58.2
912	70	-1.30	-66.4	35.2
913	260	-1.19	-60.5	25.2
914	90	-1.20	-61.1	25.3
915	340	-1.34	-68.5	9.2
916	80	-1.19	-60.7	13.6
917	20	-.89	-45.5	41.0
918	90	-1.02	-51.9	47.6
919	350	-1.11	-56.4	10.9
920	250	-.99	-50.6	6.2
921	190	-1.43	-73.2	20.8
922	90	-.96	-49.1	43.8
923	300	-.81	-41.4	40.3
924	90	-.92	-46.8	33.6
925	20	-.84	-42.6	24.7
926	180	-.86	-44.0	43.7
927	0	-.93	-47.5	44.8
928	80	-1.00	-51.1	43.5
929	350	-1.09	-55.6	41.2
930	260	.85	-42.8	43.2
931	190	-1.10	-56.0	43.2
932	80	-.95	-48.4	45.9
933	80	-.89	-45.2	39.9
934	100	-.94	-48.1	42.2
935	110	-1.40	-71.6	23.2
936	90	-1.02	-51.8	34.9
937	70	-.73	-37.4	36.3
938	260	1.12	-50.2	57.3
939	160	.87	-41.1	44.3
940	90	-1.25	-63.9	23.8
941	80	-1.31	-66.8	30.9
942	80	-1.36	-69.4	32.5
943	90	-1.49	-75.8	29.8
944	80	-1.08	-55.2	19.3
945	110	-1.67	-85.0	19.9
946	90	-1.57	-80.0	29.1
947	90	-1.22	-62.1	24.3
948	60	-1.31	-66.8	27.3
949	60	-.96	-49.1	20.0

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
208	350	-3.00	-153.1	42.2
215	0	-2.81	-143.1	46.3
153	280	-2.61	-133.0	36.6
159	270	-2.58	-131.4	25.2
265	350	-2.55	-130.0	27.0
216	350	-2.35	-120.1	51.7
201	190	-2.33	-119.0	46.1
228	190	-2.31	-117.7	41.7
322	250	-2.24	-114.1	51.1
236	190	-2.22	-113.5	38.9
443	340	-2.22	-113.4	49.7
346	280	-2.21	-112.6	35.3
145	100	-2.19	-111.9	39.0
152	270	-2.17	-110.6	30.5
355	280	-2.16	-110.3	37.6

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 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 ----
153	266	-2.56	-130.5	29.2	215	0	-2.67	-136.3	45.2	346	270	-1.67	-85.1	-.6
159	264	-2.57	-130.9	31.9	265	348	-2.43	-124.1	19.4	443	340	-2.14	-108.9	40.6
208	348	-1.95	-99.3	41.2	322	262	-2.25	-114.5	1.4					

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 51.0 PSF

* * 8 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
215	0	-2.67	-136.3	45.2
159	264	-2.57	-130.9	31.9
153	266	-2.56	-130.5	29.2
265	348	-2.43	-124.1	19.4
322	262	-2.25	-114.5	1.4
443	340	-2.14	-108.9	40.6
208	348	-1.95	-99.3	41.2
346	270	-1.67	-85.1	-.6

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
CONFIGURATION A REFERENCE PRESSURE 51.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-316.5	-68.4	15.3	-59.0	5.2	-3	16
10	-271.0	182.8	-28.2	-50.7	8.0	14	20
20	-428.3	411.9	-63.1	-72.9	13.0	15	16
30	-614.7	612.0	-92.9	-98.1	19.5	16	16
40	-599.4	805.2	-126.8	-92.0	21.8	17	13
50	-408.0	975.5	-158.6	-61.1	19.4	17	7
60	-213.8	1115.0	-184.1	-26.2	16.9	15	3
70	-.4	1180.5	-203.6	3.9	7.7	7	0
80	30.2	1246.5	-215.3	4.4	-.0	-0	0
90	6.5	1260.3	-214.7	-.8	-6.5	-5	0
100	6.5	1271.5	-212.5	-5.1	-13.6	-11	0
110	23.6	1204.5	-196.4	-4.6	-19.6	-16	0
120	225.9	1062.7	-171.7	29.4	-23.6	-21	5
130	448.3	892.7	-142.2	68.0	-25.1	-22	11
140	507.7	706.5	-112.7	82.6	-21.1	-20	14
150	583.6	479.4	-74.1	97.9	-17.4	-15	18
160	558.2	182.8	-25.8	95.1	-11.5	-6	19
170	421.5	-58.4	14.8	74.3	-5.7	2	13
180	300.5	-339.8	58.2	57.7	1.5	-2	-2
190	285.0	-541.4	85.9	55.7	5.3	-8	-4
200	659.6	-689.2	102.1	107.8	-7.8	6	6
210	707.8	-806.8	122.5	110.8	-5.7	4	3
220	673.5	-932.0	142.3	104.8	-.9	1	0
230	573.0	-1026.0	156.9	90.2	3.4	-2	-1
240	392.5	-1106.1	170.0	62.3	6.8	-5	-2
250	220.5	-1424.7	219.2	31.0	11.6	-8	-1
260	27.0	-1449.0	222.8	-3.4	10.5	-7	-0
270	22.2	-1396.0	219.7	3.1	3.1	-2	-0
280	-90.8	-1346.1	216.6	-10.3	-3.7	3	-0
290	-381.9	-1364.5	215.0	-62.8	-4.4	3	-1
300	-491.0	-1023.3	159.0	-82.2	-.2	0	-0
310	-552.2	-965.9	150.2	-92.3	1.3	-1	1
320	-563.8	-739.3	116.6	-95.4	3.6	-3	2
330	-467.2	-597.4	95.2	-84.8	3.0	-3	2
340	-498.2	-496.6	78.5	-91.3	6.3	-6	6
350	-376.1	-371.9	64.3	-68.3	2.8	-4	4

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-316.5	-68.4	15.3	-59.0	5.2
2ND	15.50	-11.4	-.6	2660	3720	-4.3	-.2	-4	71	-305.2	-67.8	14.2	-54.2	4.4
3RD	24.50	-6.0	-.2	1556	2160	-3.9	-.1	-2	77	-299.1	-67.7	13.6	-51.5	3.9
4TH	33.50	-5.0	-.7	1556	2160	-3.2	-.3	-13	98	-294.1	-67.0	13.0	-48.8	3.4
5TH	42.50	-5.4	-1.8	1582	2160	-3.4	-.8	-27	81	-288.7	-65.2	12.4	-46.2	2.9
6TH	50.00	-4.0	-1.4	1062	1492	-3.8	-.9	-17	47	-284.7	-63.7	11.9	-44.0	2.7
7TH	62.50	-6.5	-1.3	1332	2044	-4.9	-.7	-6	29	-278.2	-62.4	11.1	-40.5	2.5
8TH	75.00	-7.3	-1.5	1353	2060	-5.4	-.7	-5	25	-270.9	-60.9	10.3	-37.1	2.3
9TH	87.50	-7.9	-1.2	1353	2060	-5.9	-.6	-4	26	-263.0	-59.7	9.6	-33.7	2.1
10TH	100.00	-8.5	-.9	1353	2060	-6.3	-.4	-3	27	-254.4	-58.8	8.9	-30.5	1.9
11TH	112.50	-9.2	-.5	1353	2060	-6.8	-.3	-2	28	-245.3	-58.3	8.1	-27.4	1.6
12TH	125.00	-9.8	-.3	1353	2060	-7.2	-.2	-1	27	-235.5	-57.9	7.4	-24.4	1.4
13TH	137.50	-10.5	-.7	1353	2060	-7.8	-.3	-2	23	-225.0	-57.2	6.7	-21.5	1.1
14TH	150.00	-11.3	-1.1	1353	2060	-8.4	-.5	-2	20	-213.6	-56.2	6.0	-18.8	.9
15TH	162.50	-12.1	-1.4	1353	2060	-8.9	-.7	-2	18	-201.5	-54.7	5.3	-16.2	.7
16TH	175.00	-12.9	-1.8	1353	2060	-9.5	-.9	-2	16	-188.6	-52.9	4.6	-13.7	.5
17TH	187.50	-13.7	-2.2	1353	2060	-10.1	-1.1	-2	14	-175.0	-50.7	3.9	-11.4	.3
18TH	200.00	-14.7	-2.7	1353	2060	-10.8	-1.3	-2	12	-160.3	-48.1	3.3	-9.4	.1
19TH	212.50	-15.8	-3.1	1353	2060	-11.6	-1.5	-2	11	-144.5	-45.0	2.8	-7.4	-.1
20TH	225.00	-16.9	-3.5	1353	2060	-12.5	-1.7	-2	9	-127.7	-41.5	2.2	-5.7	-.3
21ST	237.50	-17.9	-3.9	1353	2060	-13.3	-1.9	-2	8	-109.7	-37.6	1.7	-4.3	-.4
22ND	250.00	-19.0	-4.4	1353	2060	-14.1	-2.1	-2	7	-90.7	-33.2	1.3	-3.0	-.6
23RD	262.50	-18.6	-5.6	1353	2060	-13.7	-2.7	-0	1	-72.1	-27.6	.9	-2.0	-.6
24TH	275.00	-17.8	-4.4	1353	2060	-13.1	-2.1	-0	1	-54.3	-23.2	.6	-1.2	-.6
25TH	287.50	-16.4	-5.6	1297	2060	-12.7	-2.7	2	-7	-37.9	-17.6	.3	-.6	-.5
		-15.5	-5.4	1260	2060	-12.3	-2.6	3	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-16.0	-8.6	1437	2472	-11.1	-3.5	6	-11	-22.4	-12.2	.1	-.2	-.3
ROOF	315.00	-6.5	-3.6	706	1064	-9.1	-3.3	6	-11	-6.5	-3.6	.0	-.0	-.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-271.0	182.8	-28.2	-50.7	8.0
2ND	15.50	-8.5	7.6	2660	3720	-3.2	2.1	39	43	-262.6	175.2	-25.4	-46.5	7.4
3RD	24.50	-4.5	4.9	1556	2160	-2.9	2.3	43	39	-258.1	170.3	-23.9	-44.2	7.0
4TH	33.50	-3.7	4.6	1556	2160	-2.4	2.1	54	43	-254.4	165.7	-22.4	-41.9	6.6
5TH	42.50	-3.7	4.0	1582	2160	-2.3	1.9	55	50	-250.7	161.7	-20.9	-39.6	6.2
6TH	50.00	-3.2	3.8	1062	1492	-3.0	2.6	33	27	-247.5	157.8	-19.7	-37.7	6.0
7TH	62.50	-6.4	7.7	1332	2044	-4.8	3.8	21	17	-241.1	150.1	-17.8	-34.7	5.7
8TH	75.00	-6.9	7.7	1353	2060	-5.1	3.7	20	18	-234.2	142.4	-15.9	-31.7	5.4
9TH	87.50	-7.3	8.0	1353	2060	-5.4	3.9	20	18	-226.9	134.4	-14.2	-28.8	5.1
10TH	100.00	-7.7	8.4	1353	2060	-5.7	4.1	20	19	-219.1	126.0	-12.6	-26.1	4.8
11TH	112.50	-8.1	8.7	1353	2060	-6.0	4.2	20	19	-211.0	117.3	-11.0	-23.4	4.5
12TH	125.00	-8.5	8.9	1353	2060	-6.3	4.3	19	19	-202.5	108.4	-9.6	-20.8	4.1
13TH	137.50	-9.2	8.7	1353	2060	-6.8	4.2	18	19	-193.2	99.7	-8.3	-18.3	3.8
14TH	150.00	-9.9	8.5	1353	2060	-7.3	4.1	16	19	-183.3	91.1	-7.1	-16.0	3.5
15TH	162.50	-10.6	8.4	1353	2060	-7.8	4.1	14	18	-172.8	82.8	-6.1	-13.7	3.2
16TH	175.00	-11.3	8.2	1353	2060	-8.3	4.0	13	18	-161.5	74.6	-5.1	-11.6	2.9
17TH	187.50	-12.0	8.0	1353	2060	-8.8	3.9	12	18	-149.5	66.7	-4.2	-9.7	2.6
18TH	200.00	-12.8	7.6	1353	2060	-9.4	3.7	11	18	-136.7	59.1	-3.4	-7.9	2.3
19TH	212.50	-13.7	7.1	1353	2060	-10.1	3.5	9	18	-123.1	52.0	-2.7	-6.3	1.9
20TH	225.00	-14.6	6.7	1353	2060	-10.8	3.3	8	18	-108.5	45.2	-2.1	-4.8	1.6
21ST	237.50	-15.4	6.3	1353	2060	-11.4	3.1	7	17	-93.1	38.9	-1.6	-3.6	1.3
22ND	250.00	-16.3	5.9	1353	2060	-12.1	2.9	6	17	-76.8	33.0	-1.1	-2.5	1.0
23RD	262.50	-16.0	5.6	1353	2060	-11.8	2.7	5	16	-60.8	27.4	-.8	-1.7	.7
24TH	275.00	-15.2	6.7	1353	2060	-11.2	3.3	6	15	-45.6	20.7	-.5	-1.0	.5
25TH	287.50	-14.1	6.1	1297	2060	-10.9	2.9	4	10	-31.5	14.6	-.2	-.5	.3
		-13.2	6.4	1260	2060	-10.5	3.1	4	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-13.4	6.0	1437	2472	-9.4	2.4	4	8	-18.3	8.2	-.1	-.2	.1
ROOF	315.00	-4.8	2.2	706	1064	-6.8	2.1	1	1	-4.8	2.2	-.0	-.0	.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-428.3	411.9	-63.1	-72.9	13.0
2ND	15.50	-19.2	17.8	2660	3720	-7.2	4.8	33	36	-409.2	394.1	-56.9	-66.4	11.7
3RD	24.50	-10.3	15.4	1556	2160	-6.6	7.1	34	23	-398.9	378.7	-53.4	-62.8	11.0
4TH	33.50	-9.6	16.4	1556	2160	-6.1	7.6	38	22	-389.3	362.3	-50.1	-59.2	10.2
5TH	42.50	-9.9	16.9	1582	2160	-6.2	7.8	38	22	-379.4	345.3	-46.9	-55.7	9.3
6TH	50.00	-7.7	12.0	1062	1492	-7.3	8.0	24	16	-371.7	333.4	-44.3	-52.9	8.9
7TH	62.50	-12.5	17.6	1332	2044	-9.4	8.6	11	8	-359.3	315.8	-40.3	-48.4	8.6
8TH	75.00	-13.1	16.6	1353	2060	-9.7	8.1	12	9	-346.2	299.2	-36.4	-44.0	8.3
9TH	87.50	-13.6	16.4	1353	2060	-10.0	7.9	12	10	-332.6	282.8	-32.8	-39.7	8.0
10TH	100.00	-14.1	16.1	1353	2060	-10.4	7.8	12	11	-318.6	266.7	-29.4	-35.6	7.6
11TH	112.50	-14.6	15.9	1353	2060	-10.8	7.7	12	11	-304.0	250.8	-26.1	-31.8	7.2
12TH	125.00	-15.1	15.7	1353	2060	-11.1	7.6	12	12	-288.9	235.0	-23.1	-28.0	6.9
13TH	137.50	-15.8	15.5	1353	2060	-11.7	7.5	12	13	-273.1	219.5	-20.3	-24.5	6.5
14TH	150.00	-16.6	15.3	1353	2060	-12.2	7.4	12	13	-256.5	204.2	-17.6	-21.2	6.1
15TH	162.50	-17.3	15.1	1353	2060	-12.8	7.3	12	14	-239.2	189.0	-15.1	-18.1	5.7
16TH	175.00	-18.1	14.9	1353	2060	-13.4	7.2	12	14	-221.1	174.1	-12.9	-15.2	5.2
17TH	187.50	-18.8	14.7	1353	2060	-13.9	7.2	11	15	-202.3	159.4	-10.8	-12.6	4.8
18TH	200.00	-19.5	14.6	1353	2060	-14.4	7.1	11	15	-182.8	144.8	-8.9	-10.2	4.3
19TH	212.50	-20.1	14.4	1353	2060	-14.9	7.0	11	15	-162.7	130.3	-7.2	-8.0	3.9
20TH	225.00	-20.7	14.3	1353	2060	-15.3	6.9	11	16	-142.0	116.1	-5.6	-6.1	3.4
21ST	237.50	-21.3	14.1	1353	2060	-15.8	6.8	11	16	-120.6	102.0	-4.3	-4.5	2.9
22ND	250.00	-22.0	13.9	1353	2060	-16.2	6.8	10	16	-98.7	88.1	-3.1	-3.1	2.4
23RD	262.50	-21.4	14.9	1353	2060	-15.8	7.3	12	17	-77.3	73.1	-2.1	-2.0	1.9
24TH	275.00	-20.4	15.8	1353	2060	-15.0	7.7	11	14	-56.9	57.3	-1.3	-1.2	1.4
25TH	287.50	-18.7	16.7	1297	2060	-14.5	8.1	11	13	-38.1	40.6	-.6	-.6	1.0
		-16.9	17.5	1260	2060	-13.4	8.5	11	11					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-16.4	17.2	1437	2472	-11.4	6.9	14	14	-21.2	23.2	-.2	-.2	.6
ROOF	315.00	-4.8	6.0	706	1064	-6.8	5.6	13	10	-4.8	6.0	-.0	-.0	.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-614.7	612.0	-92.9	-98.1	19.5
2ND	15.50	-31.0	29.7	2660	3720	-11.7	8.0	32	33	-583.7	582.2	-83.6	-88.8	17.5
3RD	24.50	-16.9	27.1	1556	2160	-10.9	12.5	34	21	-566.8	555.2	-78.5	-83.6	16.3
4TH	33.50	-15.8	29.0	1556	2160	-10.2	13.4	36	20	-550.9	526.1	-73.6	-78.6	14.9
5TH	42.50	-16.5	29.7	1582	2160	-10.4	13.8	37	20	-534.4	496.4	-69.0	-73.7	13.5
6TH	50.00	-12.9	17.7	1062	1492	-12.2	11.9	24	18	-521.5	478.7	-65.4	-69.7	12.8
7TH	62.50	-20.4	22.2	1332	2044	-15.3	10.9	10	9	-501.1	456.5	-59.5	-63.3	12.4
8TH	75.00	-21.3	21.3	1353	2060	-15.7	10.4	10	10	-479.8	435.2	-53.9	-57.2	11.9
9TH	87.50	-22.1	21.6	1353	2060	-16.3	10.5	11	11	-457.7	413.5	-48.6	-51.3	11.5
10TH	100.00	-22.9	21.9	1353	2060	-16.9	10.6	11	12	-434.9	391.6	-43.6	-45.8	10.9
11TH	112.50	-23.7	22.2	1353	2060	-17.5	10.8	12	13	-411.2	369.4	-38.9	-40.5	10.4
12TH	125.00	-24.4	22.4	1353	2060	-18.1	10.9	12	13	-386.8	347.1	-34.4	-35.5	9.8
13TH	137.50	-24.9	22.1	1353	2060	-18.4	10.7	12	14	-361.8	324.9	-30.2	-30.8	9.2
14TH	150.00	-25.4	21.9	1353	2060	-18.8	10.6	12	14	-336.4	303.0	-26.3	-26.4	8.6
15TH	162.50	-25.9	21.7	1353	2060	-19.1	10.5	12	14	-310.5	281.4	-22.6	-22.4	7.9
16TH	175.00	-26.4	21.4	1353	2060	-19.5	10.4	12	15	-284.1	260.0	-19.2	-18.7	7.3
17TH	187.50	-26.8	21.2	1353	2060	-19.8	10.3	12	15	-257.3	238.8	-16.1	-15.3	6.6
18TH	200.00	-27.2	21.3	1353	2060	-20.1	10.3	12	15	-230.1	217.5	-13.2	-12.3	6.0
19TH	212.50	-27.6	21.4	1353	2060	-20.4	10.4	12	15	-202.5	196.1	-10.7	-9.6	5.3
20TH	225.00	-27.9	21.5	1353	2060	-20.6	10.5	12	15	-174.6	174.5	-8.3	-7.2	4.6
21ST	237.50	-28.3	21.6	1353	2060	-20.9	10.5	12	15	-146.3	152.9	-6.3	-5.2	3.9
22ND	250.00	-28.6	21.8	1353	2060	-21.2	10.6	12	15	-117.7	131.1	-4.5	-3.5	3.2
23RD	262.50	-27.6	23.0	1353	2060	-20.4	11.1	13	15	-90.1	108.2	-3.0	-2.2	2.5
24TH	275.00	-25.5	23.7	1353	2060	-18.8	11.5	12	13	-64.6	84.4	-1.8	-1.3	1.9
25TH	287.50	-22.8	25.1	1297	2060	-17.6	12.2	12	11	-41.8	59.3	-.9	-.6	1.4
		-19.8	25.9	1260	2060	-15.7	12.6	12	9					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-17.9	25.2	1437	2472	-12.4	10.2	17	12	-22.0	33.4	-.3	-.2	.8
ROOF	315.00	-4.1	8.2	706	1064	-5.8	7.7	20	10	-4.1	8.2	-.0	-.0	.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-31.0	39.4	2660	3720	-11.7	10.6	29	23	-599.4	805.2	-126.8	-92.0	21.8
2ND	15.50	-17.2	32.7	1556	2160	-11.0	15.1	30	16	-568.3	765.9	-114.6	-82.9	19.9
3RD	24.50	-16.5	34.2	1556	2160	-10.6	15.8	31	15	-551.2	733.2	-107.8	-77.9	18.7
4TH	33.50	-17.6	34.4	1582	2160	-11.1	15.9	32	16	-534.7	699.0	-101.4	-73.0	17.3
5TH	42.50	-13.8	20.1	1062	1492	-13.0	13.5	23	16	-517.1	664.6	-95.3	-68.3	15.9
6TH	50.00	-21.1	25.4	1332	2044	-15.8	12.4	10	8	-503.3	644.5	-90.3	-64.4	15.3
7TH	62.50	-22.0	25.2	1353	2060	-16.3	12.2	11	10	-482.2	619.1	-82.4	-58.3	14.8
8TH	75.00	-23.0	26.3	1353	2060	-17.0	12.7	12	10	-460.2	593.9	-74.9	-52.4	14.3
9TH	87.50	-24.0	27.3	1353	2060	-17.7	13.3	12	11	-437.2	567.7	-67.6	-46.8	13.8
10TH	100.00	-24.9	28.4	1353	2060	-18.4	13.8	13	11	-413.2	540.4	-60.7	-41.5	13.2
11TH	112.50	-25.9	29.2	1353	2060	-19.1	14.2	13	12	-388.3	512.0	-54.1	-36.4	12.6
12TH	125.00	-26.1	29.4	1353	2060	-19.3	14.2	13	12	-362.4	482.8	-47.9	-31.8	11.9
13TH	137.50	-26.2	29.5	1353	2060	-19.4	14.3	14	12	-336.3	453.5	-42.0	-27.4	11.2
14TH	150.00	-26.4	29.7	1353	2060	-19.5	14.4	14	12	-310.0	423.9	-36.5	-23.3	10.5
15TH	162.50	-26.5	29.9	1353	2060	-19.6	14.5	14	13	-283.7	394.2	-31.4	-19.6	9.7
16TH	175.00	-26.6	30.1	1353	2060	-19.7	14.6	15	13	-257.2	364.3	-26.7	-16.3	9.0
17TH	187.50	-26.5	30.3	1353	2060	-19.6	14.7	15	13	-230.6	334.1	-22.3	-13.2	8.2
18TH	200.00	-26.3	30.5	1353	2060	-19.5	14.8	15	13	-204.1	303.8	-18.3	-10.5	7.4
19TH	212.50	-26.2	30.7	1353	2060	-19.3	14.9	16	13	-177.7	273.3	-14.7	-8.1	6.5
20TH	225.00	-26.0	30.9	1353	2060	-19.2	15.0	16	13	-151.6	242.6	-11.5	-6.0	5.7
21ST	237.50	-25.8	31.0	1353	2060	-19.1	15.1	16	13	-125.6	211.7	-8.7	-4.3	4.9
22ND	250.00	-24.5	32.1	1353	2060	-18.1	15.6	16	12	-99.7	180.7	-6.2	-2.9	4.0
23RD	262.50	-22.3	33.0	1353	2060	-16.5	16.0	16	11	-75.2	148.6	-4.2	-1.8	3.2
24TH	275.00	-19.6	34.3	1297	2060	-15.1	16.7	16	9	-52.9	115.6	-2.5	-1.0	2.5
25TH	287.50	-16.6	35.3	1260	2060	-13.2	17.1	15	7	-33.4	81.3	-1.3	-.5	1.7

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. WITH WIND DIRECTIONALITY
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-14.4	34.4	1437	2472	-10.0	13.9	20	8	-16.8	46.0	-.5	-.2	1.1
ROOF	315.00	-2.4	11.5	706	1064	-3.4	10.8	22	5	-2.4	11.5	-.1	-.0	.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-408.0	975.5	-158.6	-61.1	19.4
2ND	15.50	-19.9	47.2	2660	3720	-7.5	12.7	18	8	-388.1	928.3	-143.8	-54.9	18.4
3RD	24.50	-11.5	34.3	1556	2160	-7.4	15.9	20	7	-376.6	894.0	-135.6	-51.5	17.6
4TH	33.50	-12.2	35.1	1556	2160	-7.9	16.3	22	8	-364.3	858.8	-127.7	-48.2	16.7
5TH	42.50	-12.7	35.5	1582	2160	-8.0	16.4	24	9	-351.6	823.4	-120.2	-44.9	15.7
6TH	50.00	-9.8	22.0	1062	1492	-9.2	14.7	20	9	-341.9	801.4	-114.1	-42.3	15.2
7TH	62.50	-15.6	29.7	1332	2044	-11.7	14.5	10	5	-326.3	771.7	-104.2	-38.2	14.8
8TH	75.00	-16.2	29.8	1353	2060	-11.9	14.5	11	6	-310.1	741.9	-94.8	-34.2	14.4
9TH	87.50	-16.7	31.2	1353	2060	-12.3	15.2	12	6	-293.4	710.6	-85.7	-30.4	13.9
10TH	100.00	-17.3	32.6	1353	2060	-12.7	15.8	12	7	-276.2	678.0	-77.0	-26.9	13.4
11TH	112.50	-17.8	34.0	1353	2060	-13.1	16.5	13	7	-258.4	644.0	-68.8	-23.5	12.9
12TH	125.00	-18.3	35.1	1353	2060	-13.6	17.1	14	7	-240.0	608.9	-60.9	-20.4	12.2
13TH	137.50	-18.4	35.6	1353	2060	-13.6	17.3	14	7	-221.7	573.2	-53.6	-17.5	11.6
14TH	150.00	-18.3	36.1	1353	2060	-13.5	17.5	15	8	-203.4	537.1	-46.6	-14.9	10.9
15TH	162.50	-18.3	36.6	1353	2060	-13.5	17.8	16	8	-185.1	500.5	-40.1	-12.4	10.2
16TH	175.00	-18.2	37.1	1353	2060	-13.5	18.0	17	8	-166.9	463.4	-34.1	-10.2	9.4
17TH	187.50	-18.2	37.7	1353	2060	-13.4	18.3	17	8	-148.7	425.7	-28.5	-8.3	8.6
18TH	200.00	-18.0	38.1	1353	2060	-13.3	18.5	18	8	-130.8	387.6	-23.5	-6.5	7.8
19TH	212.50	-17.7	38.6	1353	2060	-13.1	18.7	18	8	-113.0	349.0	-18.9	-5.0	7.0
20TH	225.00	-17.5	39.0	1353	2060	-12.9	18.9	18	8	-95.6	309.9	-14.7	-3.7	6.1
21ST	237.50	-17.2	39.5	1353	2060	-12.7	19.2	18	8	-78.3	270.4	-11.1	-2.6	5.2
22ND	250.00	-17.0	39.9	1353	2060	-12.5	19.4	19	8	-61.4	230.5	-8.0	-1.7	4.4
23RD	262.50	-15.8	40.8	1353	2060	-11.7	19.8	18	7	-45.5	189.7	-5.4	-1.1	3.5
24TH	275.00	-14.0	41.8	1353	2060	-10.4	20.3	17	6	-31.5	147.9	-3.2	-.6	2.7
25TH	287.50	-12.1	43.3	1297	2060	-9.4	21.0	16	5	-19.4	104.6	-1.7	-.3	2.0
		-10.3	44.4	1260	2060	-8.2	21.6	16	4					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-9.1	60.2	-.6	-.1	1.2
ROOF	315.00	-8.7	44.6	1437	2472	-6.0	18.1	20	4	-.4	15.6	-.1	-.0	.3
TOP	324.00	-.4	15.6	706	1064	-.6	14.6	20	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-213.8	1115.0	-184.1	-26.2	16.9
2ND	15.50	-12.1	58.2	2660	3720	-4.6	15.6	9	2	-201.7	1056.8	-167.3	-22.9	16.4
3RD	24.50	-7.4	36.6	1556	2160	-4.7	16.9	12	2	-194.3	1020.2	-150.0	-21.2	15.9
4TH	33.50	-8.9	36.6	1556	2160	-5.7	17.0	14	3	-185.4	983.6	-148.9	-19.4	15.4
5TH	42.50	-8.6	36.5	1582	2160	-5.5	16.9	17	4	-176.8	947.0	-140.3	-17.8	14.7
6TH	50.00	-6.8	23.0	1062	1492	-6.4	15.4	18	5	-170.0	924.0	-133.2	-16.5	14.3
7TH	62.50	-12.3	31.4	1332	2044	-9.2	15.4	11	4	-157.7	892.6	-121.9	-14.5	13.9
8TH	75.00	-11.9	31.9	1353	2060	-8.8	15.5	12	5	-145.7	860.7	-110.9	-12.6	13.4
9TH	87.50	-11.9	34.0	1353	2060	-8.8	16.5	13	5	-133.9	826.6	-100.4	-10.8	12.9
10TH	100.00	-11.8	36.2	1353	2060	-8.7	17.6	13	4	-122.0	790.5	-90.3	-9.2	12.4
11TH	112.50	-11.8	38.3	1353	2060	-8.7	18.6	14	4	-110.3	752.1	-80.6	-7.8	11.8
12TH	125.00	-11.7	40.1	1353	2060	-8.6	19.5	14	4	-98.6	712.1	-71.5	-6.5	11.2
13TH	137.50	-11.2	40.8	1353	2060	-8.3	19.8	15	4	-87.3	671.3	-62.8	-5.3	10.5
14TH	150.00	-10.7	41.5	1353	2060	-7.9	20.2	15	4	-76.6	629.7	-54.7	-4.3	9.8
15TH	162.50	-10.2	42.3	1353	2060	-7.6	20.5	16	4	-66.3	587.5	-47.1	-3.4	9.1
16TH	175.00	-9.7	43.0	1353	2060	-7.2	20.9	16	4	-56.6	544.5	-40.0	-2.6	8.4
17TH	187.50	-9.2	43.8	1353	2060	-6.8	21.2	17	4	-47.4	500.7	-33.5	-2.0	7.6
18TH	200.00	-8.6	44.6	1353	2060	-6.3	21.6	17	3	-38.8	456.2	-27.5	-1.4	6.9
19TH	212.50	-7.8	45.4	1353	2060	-5.8	22.0	17	3	-31.0	410.8	-22.1	-1.0	6.1
20TH	225.00	-7.1	46.2	1353	2060	-5.2	22.4	16	3	-23.9	364.6	-17.3	-.7	5.3
21ST	237.50	-6.3	47.0	1353	2060	-4.7	22.8	16	2	-17.6	317.6	-13.0	-.4	4.5
22ND	250.00	-5.6	47.8	1353	2060	-4.1	23.2	16	2	-12.0	269.9	-9.3	-.2	3.8
23RD	262.50	-4.6	49.0	1353	2060	-3.4	23.8	15	1	-7.5	220.9	-6.2	-.1	3.0
24TH	275.00	-3.7	49.1	1353	2060	-2.7	23.8	14	1	-3.8	171.8	-3.8	-.0	2.3
25TH	287.50	-2.7	50.2	1297	2060	-2.1	24.4	13	1	-1.1	121.6	-2.0	.0	1.7
		-1.7	50.5	1260	2060	-1.3	24.5	12	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF CUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-.8	52.5	1437	2472	-.6	21.2	15	0	.5	71.1	-.8	.0	1.1
ROOF	315.00	1.3	18.6	706	1064	1.9	17.5	15	-1	1.3	18.6	-.1	.0	.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									- 4	1180.5	-203.6	3.9	7.7
2ND	15.50	1.9	56.8	2660	3720	.7	15.3	-4	0	-2.3	1123.7	-185.7	3.9	7.9
3RD	24.50	1.2	32.4	1556	2160	.8	15.0	-1	0	-3.5	1091.3	-175.7	4.0	7.9
4TH	33.50	-.6	31.7	1556	2160	-.4	14.7	0	0	-2.8	1059.6	-166.1	4.0	7.9
5TH	42.50	-.3	31.6	1582	2160	-.2	14.6	2	0	-2.5	1028.0	-156.7	4.0	7.9
6TH	50.00	-1.2	21.9	1062	1492	-1.1	14.7	6	0	-1.3	1006.2	-149.0	4.0	7.7
7TH	62.50	-5.3	32.1	1332	2044	-4.0	15.7	6	1	4.0	974.0	-136.7	4.0	7.5
8TH	75.00	-4.4	32.3	1353	2060	-3.2	15.7	7	1	8.4	941.8	-124.7	3.9	7.3
9TH	87.50	-3.8	34.3	1353	2060	-2.8	16.6	7	1	12.2	907.5	-113.1	3.8	7.0
10TH	100.00	-3.3	36.3	1353	2060	-2.4	17.6	7	1	15.5	871.1	-102.0	3.6	6.8
11TH	112.50	-2.7	38.3	1353	2060	-2.0	18.6	7	0	18.2	832.8	-91.4	3.4	6.5
12TH	125.00	-2.2	40.2	1353	2060	-1.6	19.5	7	0	20.4	792.6	-81.2	3.2	6.3
13TH	137.50	-1.6	41.7	1353	2060	-1.2	20.3	7	0	21.9	750.8	-71.6	2.9	6.0
14TH	150.00	-1.0	43.3	1353	2060	-.7	21.0	7	0	22.9	707.6	-62.4	2.6	5.6
15TH	162.50	-.4	44.8	1353	2060	-.3	21.7	8	0	23.3	662.8	-53.9	2.4	5.3
16TH	175.00	.2	46.3	1353	2060	.1	22.5	8	-0	23.1	616.5	-45.9	2.1	4.9
17TH	187.50	.8	47.9	1353	2060	.6	23.2	8	-0	22.4	568.6	-38.5	1.8	4.5
18TH	200.00	1.1	49.1	1353	2060	.8	23.9	8	-0	21.3	519.5	-31.7	1.5	4.1
19TH	212.50	1.2	50.3	1353	2060	.9	24.4	8	-0	20.0	469.2	-25.5	1.2	3.7
20TH	225.00	1.4	51.5	1353	2060	1.1	25.0	8	-0	18.6	417.7	-20.0	1.0	3.3
21ST	237.50	1.6	52.7	1353	2060	1.2	25.6	9	-0	17.0	365.0	-15.1	.8	2.9
22ND	250.00	1.8	53.8	1353	2060	1.3	26.1	9	-0	15.2	311.2	-10.8	.6	2.4
23RD	262.50	2.2	55.9	1353	2060	1.6	27.1	8	-0	13.1	255.3	-7.3	.4	2.0
24TH	275.00	2.5	55.9	1353	2060	1.8	27.1	7	-0	10.6	199.3	-4.5	.3	1.5
25TH	287.50	2.7	57.5	1297	2060	2.1	27.9	7	-0	7.9	141.9	-2.3	.1	1.2
		2.9	57.6	1260	2060	2.3	28.0	7	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	3.1	61.4	1437	2472	2.1	24.9	9	-0	5.0	84.3	-.9	.1	.8
ROOF	315.00	1.9	22.8	706	1064	2.8	21.4	9	-1	1.9	22.8	-.1	.0	.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									30.2	1246.5	-215.3	4.4	-.0
2ND	15.50	5.5	60.9	2660	3720	2.1	16.4	-13	1	24.7	1185.6	-196.5	4.0	.8
3RD	24.50	2.7	32.6	1556	2160	1.7	15.1	-13	1	22.0	1153.0	-186.0	3.8	1.2
4TH	33.50	-.4	31.2	1556	2160	-.3	14.4	-14	-0	22.4	1121.8	-175.7	3.6	1.6
5TH	42.50	-.3	31.3	1582	2160	-.2	14.5	-13	-0	22.7	1090.5	-165.8	3.4	2.0
6TH	50.00	.2	22.2	1062	1492	.2	14.9	-4	0	22.5	1068.3	-157.7	3.2	2.1
7TH	62.50	.4	34.3	1332	2044	.3	16.8	0	-0	22.0	1034.0	-144.5	2.9	2.1
8TH	75.00	.7	35.0	1353	2060	.5	17.0	1	-0	21.4	999.0	-131.8	2.7	2.0
9TH	87.50	.8	37.1	1353	2060	.6	18.0	0	-0	20.6	961.8	-119.6	2.4	2.0
10TH	100.00	1.0	39.2	1353	2060	.7	19.1	0	-0	19.6	922.6	-107.8	2.2	2.0
11TH	112.50	1.1	41.4	1353	2060	.8	20.1	0	-0	18.5	881.2	-96.5	1.9	2.0
12TH	125.00	1.3	43.3	1353	2060	.9	21.0	-0	0	17.2	837.9	-85.8	1.7	2.0
13TH	137.50	1.3	44.7	1353	2060	.9	21.7	0	-0	15.9	793.2	-75.6	1.5	2.0
14TH	150.00	1.2	46.0	1353	2060	.9	22.3	1	-0	14.7	747.2	-66.0	1.3	2.0
15TH	162.50	1.2	47.4	1353	2060	.9	23.0	1	-0	13.5	699.8	-56.9	1.1	1.9
16TH	175.00	1.2	48.8	1353	2060	.9	23.7	2	-0	12.3	651.1	-48.5	1.0	1.8
17TH	187.50	1.1	50.1	1353	2060	.8	24.3	2	-0	11.2	600.9	-40.7	.8	1.7
18TH	200.00	1.1	51.5	1353	2060	.8	25.0	2	-0	10.1	549.4	-33.5	.7	1.6
19TH	212.50	1.0	52.9	1353	2060	.7	25.7	3	-0	9.2	496.5	-26.9	.6	1.5
20TH	225.00	.9	54.3	1353	2060	.6	26.3	3	-0	8.3	442.2	-21.1	.4	1.3
21ST	237.50	.8	55.7	1353	2060	.6	27.0	3	-0	7.5	386.5	-15.9	.3	1.1
22ND	250.00	.7	57.0	1353	2060	.5	27.7	3	-0	6.8	329.5	-11.4	.3	1.0
23RD	262.50	.8	59.6	1353	2060	.6	28.9	3	-0	6.0	269.9	-7.7	.2	.8
24TH	275.00	1.3	59.6	1353	2060	.9	28.9	3	-0	4.8	210.3	-4.7	.1	.6
25TH	287.50	1.3	61.6	1297	2060	1.0	29.9	3	-0	3.4	148.7	-2.4	.1	.5
		1.3	61.4	1260	2060	1.1	29.8	3	-0					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	1.3	63.6	1437	2472	.9	25.7	4	-0	2.1	87.3	-.9	.0	.3
ROOF	315.00	.7	23.7	706	1064	1.1	22.2	4	-0	.7	23.7	-.1	.0	.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									6.5	1260.3	-214.7	-.8	-6.5
2ND	15.50	7.1	66.2	2660	3720	2.7	17.8	-27	3	-.6	1194.0	-195.7	-.9	-4.7
3RD	24.50	2.9	36.2	1556	2160	1.9	16.7	-27	2	-3.5	1157.9	-185.1	-.8	-3.7
4TH	33.50	-.2	34.8	1556	2160	-.1	16.1	-29	-0	-3.3	1123.1	-174.9	-.8	-2.7
5TH	42.50	-.3	35.0	1582	2160	-.2	16.2	-27	-0	-3.0	1088.1	-164.9	-.8	-1.8
6TH	50.00	.2	23.7	1062	1492	.2	15.9	-14	0	-3.3	1064.5	-156.8	-.8	-1.4
7TH	62.50	1.3	34.8	1332	2044	1.0	17.0	-3	0	-4.6	1029.6	-143.8	-.7	-1.3
8TH	75.00	.9	35.7	1353	2060	.7	17.3	-3	0	-5.4	993.9	-131.1	-.6	-1.2
9TH	87.50	.5	37.5	1353	2060	.4	18.2	-3	0	-5.9	956.4	-118.9	-.6	-1.1
10TH	100.00	.1	39.3	1353	2060	.1	19.1	-3	0	-6.0	917.0	-107.2	-.5	-1.0
11TH	112.50	-.3	41.1	1353	2060	-.2	20.0	-2	-0	-5.7	875.9	-96.0	-.4	-.9
12TH	125.00	-.7	42.9	1353	2060	-.5	20.8	-2	-0	-4.9	833.0	-85.3	-.4	-.8
13TH	137.50	-.7	44.3	1353	2060	-.5	21.5	-2	-0	-4.2	788.7	-75.2	-.3	-.7
14TH	150.00	-.6	45.6	1353	2060	-.4	22.2	-2	-0	-3.6	743.1	-65.6	-.3	-.7
15TH	162.50	-.5	47.0	1353	2060	-.4	22.8	-1	-0	-3.1	696.1	-56.6	-.2	-.6
16TH	175.00	-.4	48.4	1353	2060	-.3	23.5	-1	-0	-2.7	647.7	-48.2	-.2	-.5
17TH	187.50	-.3	49.8	1353	2060	-.2	24.2	-1	-0	-2.4	597.9	-40.4	-.1	-.5
18TH	200.00	-.3	51.2	1353	2060	-.2	24.9	-1	-0	-2.2	546.7	-33.3	-.1	-.4
19TH	212.50	-.3	52.6	1353	2060	-.2	25.6	-1	-0	-1.9	494.1	-26.8	-.1	-.4
20TH	225.00	-.3	54.1	1353	2060	-.2	26.2	-1	-0	-1.6	440.0	-20.9	-.1	-.4
21ST	237.50	-.3	55.5	1353	2060	-.2	26.9	-1	-0	-1.3	384.5	-15.8	-.1	-.3
22ND	250.00	-.3	56.9	1353	2060	-.2	27.6	-1	-0	-1.1	327.7	-11.3	-.0	-.3
23RD	262.50	-.3	59.4	1353	2060	-.2	28.8	-1	-0	-.8	268.3	-7.6	-.0	-.2
24TH	275.00	-.3	59.6	1353	2060	-.2	28.9	-1	-0	-.5	208.7	-4.6	-.0	-.2
25TH	287.50	-.2	61.2	1297	2060	-.1	29.7	-1	-0	-.3	147.5	-2.4	-.0	-.1
		.0	60.4	1260	2060	.0	29.3	-1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 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
26TH	300.00									-.4	87.9	-.9	-.0	-.1
		-.0	63.1	1437	2472	-.0	25.5	-1	-0					
ROOF	315.00									-.3	23.9	-.1	-.0	-.0
		-.3	23.9	706	1064	-.4	22.5	-0	-0					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									6.5	1271.5	-212.5	-5.1	-13.6
2ND	15.50	12.8	71.0	2660	3720	4.8	19.1	-37	7	-6.3	1200.5	-193.3	-5.1	-10.9
3RD	24.50	6.5	39.4	1556	2160	4.2	18.3	-38	6	-12.8	1161.1	-182.7	-5.0	-9.4
4TH	33.50	3.5	37.9	1556	2160	2.2	17.6	-40	4	-16.2	1123.2	-172.4	-4.9	-7.8
5TH	42.50	3.5	37.3	1582	2160	2.2	17.3	-39	4	-19.8	1085.8	-162.5	-4.7	-6.4
6TH	50.00	2.2	25.5	1062	1492	2.1	17.1	-22	2	-22.0	1060.3	-154.4	-4.6	-5.8
7TH	62.50	2.5	36.9	1332	2044	1.9	18.0	-6	0	-24.6	1023.4	-141.4	-4.3	-5.6
8TH	75.00	1.7	37.6	1353	2060	1.3	18.3	-7	0	-26.3	985.8	-128.9	-4.0	-5.3
9TH	87.50	1.0	39.1	1353	2060	.7	19.0	-7	0	-27.3	946.7	-116.8	-3.6	-5.0
10TH	100.00	.3	40.5	1353	2060	.2	19.6	-7	0	-27.6	906.2	-105.2	-3.3	-4.8
11TH	112.50	-.5	41.9	1353	2060	-.4	20.3	-7	-0	-27.1	864.4	-94.1	-2.9	-4.5
12TH	125.00	-1.2	43.3	1353	2060	-.9	21.0	-7	-0	-25.9	821.0	-83.6	-2.6	-4.1
13TH	137.50	-1.4	44.6	1353	2060	-1.0	21.6	-7	-0	-24.5	776.5	-73.6	-2.3	-3.8
14TH	150.00	-1.4	45.8	1353	2060	-1.1	22.2	-6	-0	-23.1	730.7	-64.2	-2.0	-3.6
15TH	162.50	-1.5	47.0	1353	2060	-1.1	22.8	-6	-0	-21.5	683.7	-55.4	-1.7	-3.3
16TH	175.00	-1.6	48.2	1353	2060	-1.2	23.4	-6	-0	-20.0	635.4	-47.1	-1.5	-3.0
17TH	187.50	-1.7	49.5	1353	2060	-1.2	24.0	-5	-0	-18.3	586.0	-39.5	-1.2	-2.8
18TH	200.00	-1.7	50.8	1353	2060	-1.3	24.7	-5	-0	-16.6	535.2	-32.5	-1.0	-2.5
19TH	212.50	-1.7	52.1	1353	2060	-1.3	25.3	-5	-0	-14.9	483.1	-26.1	-.8	-2.3
20TH	225.00	-1.7	53.3	1353	2060	-1.3	25.9	-5	-0	-13.1	429.7	-20.4	-.6	-2.0
21ST	237.50	-1.7	54.6	1353	2060	-1.3	26.5	-5	-0	-11.4	375.1	-15.4	-.5	-1.7
22ND	250.00	-1.7	55.9	1353	2060	-1.3	27.1	-5	-0	-9.7	319.2	-11.0	-.3	-1.5
23RD	262.50	-1.7	58.0	1353	2060	-1.3	28.2	-4	-0	-7.9	261.2	-7.4	-.2	-1.2
24TH	275.00	-1.8	58.1	1353	2060	-1.4	28.2	-4	-0	-6.1	203.0	-4.5	-.1	-1.0
25TH	287.50	-1.7	59.3	1297	2060	-1.3	28.8	-4	-0	-4.3	143.7	-2.3	-.1	-.7
		-1.5	58.8	1260	2060	-1.2	28.6	-5	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 51.9 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-1.6	61.9	1437	2472	-1.1	25.0	-6	-0	-2.8	84.9	-.9	-.0	-.5
ROOF	315.00	-1.2	23.0	706	1064	-1.7	21.7	-5	-0	-1.2	23.0	-.1	-.0	-.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA WITH WIND DIRECTIONALITY
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									23.6	1204.5	-196.4	-4.6	-19.6
2ND	15.50	15.1	66.4	2660	3720	5.7	17.8	-48	11	8.6	1138.1	-178.3	-4.8	-16.2
3RD	24.50	7.6	39.8	1556	2160	4.9	18.4	-48	9	1.0	1098.3	-168.2	-4.9	-14.2
4TH	33.50	4.4	39.5	1556	2160	2.8	18.3	-50	6	-3.4	1058.9	-158.5	-4.9	-12.2
5TH	42.50	4.2	39.4	1582	2160	2.7	18.3	-48	5	-7.6	1019.4	-149.2	-4.8	-10.3
6TH	50.00	2.6	26.1	1062	1492	2.4	17.5	-26	3	-10.1	993.3	-141.6	-4.8	-9.6
7TH	62.50	4.2	37.0	1332	2044	3.2	18.1	-7	1	-14.4	956.3	-129.4	-4.6	-9.3
8TH	75.00	3.4	37.8	1353	2060	2.5	18.4	-8	1	-17.8	918.5	-117.7	-4.4	-9.0
9TH	87.50	2.7	39.1	1353	2060	2.0	19.0	-9	1	-20.5	879.4	-106.5	-4.2	-8.7
10TH	100.00	2.0	40.3	1353	2060	1.5	19.6	-9	0	-22.6	839.1	-95.7	-3.9	-8.3
11TH	112.50	1.4	41.6	1353	2060	1.0	20.2	-10	0	-23.9	797.5	-85.5	-3.6	-7.9
12TH	125.00	.7	42.7	1353	2060	.5	20.7	-10	0	-24.6	754.8	-75.8	-3.3	-7.5
13TH	137.50	.3	43.4	1353	2060	.2	21.1	-10	0	-24.9	711.3	-66.6	-3.0	-7.0
14TH	150.00	-.0	44.1	1353	2060	-.0	21.4	-10	-0	-24.9	667.3	-58.0	-2.7	-6.6
15TH	162.50	-.4	44.7	1353	2060	-.3	21.7	-10	-0	-24.6	622.5	-50.0	-2.4	-6.1
16TH	175.00	-.7	45.4	1353	2060	-.5	22.0	-10	-0	-23.9	577.1	-42.5	-2.1	-5.7
17TH	187.50	-1.0	46.1	1353	2060	-.8	22.4	-10	-0	-22.9	531.0	-35.5	-1.8	-5.2
18TH	200.00	-1.2	47.1	1353	2060	-.9	22.9	-10	-0	-21.6	483.9	-29.2	-1.5	-4.7
19TH	212.50	-1.4	48.1	1353	2060	-1.0	23.3	-10	-0	-20.2	435.8	-23.4	-1.2	-4.2
20TH	225.00	-1.6	49.0	1353	2060	-1.2	23.8	-10	-0	-18.6	386.8	-18.3	-1.0	-3.7
21ST	237.50	-1.8	50.0	1353	2060	-1.3	24.3	-10	-0	-16.9	336.8	-13.8	-.8	-3.2
22ND	250.00	-1.9	51.0	1353	2060	-1.4	24.7	-10	-0	-14.9	285.8	-9.9	-.6	-2.7
23RD	262.50	-2.2	52.0	1353	2060	-1.7	25.2	-9	-0	-12.7	233.8	-6.6	-.4	-2.2
24TH	275.00	-2.5	51.9	1353	2060	-1.8	25.2	-9	-0	-10.2	181.9	-4.0	-.3	-1.8
25TH	287.50	-2.6	53.0	1297	2060	-2.0	25.7	-8	-0	-7.6	128.9	-2.1	-.1	-1.3
		-2.4	53.0	1260	2060	-1.9	25.7	-8	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-5.2	75.8	-.8	-.1	-.9
		-2.8	55.2	1437	2472	-1.9	22.3	-12	-1					
ROOF	315.00									-2.4	20.7	-.1	-.0	-.2
		-2.4	20.7	706	1064	-3.4	19.4	-10	-1					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									225.9	1062.7	-171.7	29.4	-23.6
2ND	15.50	19.5	55.8	2660	3720	7.3	15.0	-53	19	206.5	1006.9	-155.7	26.1	-20.2
3RD	24.50	10.3	35.7	1556	2160	6.6	16.5	-55	16	196.2	971.1	-146.8	24.2	-18.1
4TH	33.50	7.5	36.0	1556	2160	4.8	16.7	-57	12	188.7	935.2	-138.2	22.5	-16.0
5TH	42.50	7.7	36.9	1582	2160	4.9	17.1	-55	12	180.9	898.3	-130.0	20.8	-13.8
6TH	50.00	6.6	23.3	1062	1492	6.2	15.6	-30	8	174.4	875.0	-123.3	19.5	-13.1
7TH	62.50	11.9	32.4	1332	2044	8.9	15 9	-8	3	162.5	842.6	-112.6	17.4	-12.8
8TH	75.00	11.3	33.1	1353	2060	8.3	16.1	-9	3	151 2	809.5	-102.3	15.4	-12.4
9TH	87.50	10.8	34.8	1353	2060	8.0	16.9	-10	3	140.5	774.7	-92.4	13.6	-12.1
10TH	100.00	10.3	36.5	1353	2060	7.6	17.7	-11	3	130.2	738.2	-82.9	11.9	-11.7
11TH	112.50	9.8	38.2	1353	2060	7.3	18.5	-11	3	120.3	700.1	-73.9	10.4	-11.2
12TH	125.00	9.4	39.6	1353	2060	6.9	19.2	-12	3	111.0	660.5	-65.4	8.9	-10.7
13TH	137.50	9.2	39.9	1353	2060	6.8	19.4	-13	3	101.8	620.6	-57.4	7.6	-10.2
14TH	150.00	9.1	40.3	1353	2060	6.7	19.6	-13	3	92.7	580.3	-49.9	6.4	-9.6
15TH	162.50	8.9	40.7	1353	2060	6.6	19.7	-14	3	83.8	539.6	-42.9	5.3	-9.0
16TH	175.00	8.8	41.0	1353	2060	6.5	19.9	-15	3	75.0	498.6	-36.4	4.3	-8.4
17TH	187.50	8.7	41.4	1353	2060	6.4	20.1	-15	3	66.4	457.2	-30.4	3.4	-7.7
18TH	200.00	8.6	41.8	1353	2060	6.3	20.3	-16	3	57.8	415.4	-25.0	2.6	-7.0
19TH	212.50	8.5	42.2	1353	2060	6.3	20.5	-16	3	49.4	373.2	-20.0	1.9	-6.3
20TH	225.00	8.4	42.5	1353	2060	6.2	20.6	-17	3	41.0	330.7	-15.6	1.4	-5.5
21ST	237.50	8.3	42.9	1353	2060	6.1	20.8	-17	3	32.6	287.8	-11.8	.9	-4.8
22ND	250.00	8.2	43.3	1353	2060	6.1	21.0	-18	3	24.4	244.5	-8.5	.6	-4.0
23RD	262.50	7.5	44.1	1353	2060	5.6	21.4	-17	3	16.9	200.4	-5.7	.3	-3.2
24TH	275.00	6.4	44.3	1353	2060	4.7	21.5	-16	2	10.5	156.1	-3.4	.1	-2.5
25TH	287.50	5.1	45.4	1297	2060	3.9	22.0	-15	2	5.4	110.7	-1.8	.0	-1.8
		3.9	46.5	1260	2060	3.1	22.6	-14	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									1.5	64.2	-.7	-.0	-1.1
		2.6	47.2	1437	2472	1.8	19.1	-18	1					
ROOF	315.00									-1.1	16.9	-.1	-.0	-.3
		-1.1	16.9	706	1064	-1.6	15.9	-17	-1					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									448.3	892.7	-142.2	68.0	-25.1
2ND	15.50	25.6	45.6	2660	3720	9.6	12.3	-55	31	422.7	847.1	-128.7	61.3	-21.8
3RD	24.50	14.2	32.3	1556	2160	9.1	15.0	-57	25	408.5	814.8	-121.3	57.6	-19.6
4TH	33.50	11.7	33.3	1556	2160	7.5	15.4	-62	22	396.8	781.5	-114.1	53.9	-17.3
5TH	42.50	12.7	33.9	1582	2160	8.0	15.7	-60	22	384.2	747.5	-107.2	50.4	-15.0
6TH	50.00	10.8	21.2	1062	1492	10.1	14.2	-32	16	373.4	726.3	-101.7	47.6	-14.1
7TH	62.50	18.6	28.7	1332	2044	13.9	14.0	-9	6	354.8	697.6	-92.8	43.0	-13.7
8TH	75.00	18.3	28.5	1353	2060	13.5	13.8	-10	6	336.5	669.2	-84.2	38.7	-13.3
9TH	87.50	18.1	29.7	1353	2060	13.4	14.4	-11	7	318.4	639.5	-76.1	34.6	-12.9
10TH	100.00	17.9	30.8	1353	2060	13.2	15.0	-12	7	300.5	608.7	-68.3	30.7	-12.4
11TH	112.50	17.7	32.0	1353	2060	13.1	15.5	-13	7	282.8	576.6	-60.8	27.1	-11.9
12TH	125.00	17.5	33.0	1353	2060	12.9	16.0	-13	7	265.3	543.7	-53.8	23.7	-11.3
13TH	137.50	17.8	33.1	1353	2060	13.1	16.1	-14	8	247.5	510.6	-47.3	20.5	-10.7
14TH	150.00	18.1	33.3	1353	2060	13.4	16.2	-15	8	229.3	477.3	-41.1	17.5	-10.1
15TH	162.50	18.5	33.5	1353	2060	13.7	16.2	-15	8	210.8	443.8	-35.3	14.7	-9.4
16TH	175.00	18.8	33.6	1353	2060	13.9	16.3	-16	9	192.0	410.2	-30.9	12.2	-8.7
17TH	187.50	19.2	33.8	1353	2060	14.2	16.4	-16	9	172.8	376.3	-25.1	9.9	-8.0
18TH	200.00	19.3	34.2	1353	2060	14.3	16.6	-16	9	153.5	342.2	-20.6	7.9	-7.3
19TH	212.50	19.4	34.5	1353	2060	14.3	16.7	-17	9	134.2	307.7	-16.5	6.1	-6.5
20TH	225.00	19.4	34.8	1353	2060	14.4	16.9	-17	9	114.7	272.8	-12.9	4.5	-5.7
21ST	237.50	19.5	35.2	1353	2060	14.4	17.1	-17	10	95.3	237.7	-9.7	3.2	-4.9
22ND	250.00	19.5	35.5	1353	2060	14.4	17.2	-18	10	75.7	202.2	-6.9	2.2	-4.1
23RD	262.50	18.7	36.3	1353	2060	13.8	17.6	-17	9	57.0	165.9	-4.6	1.3	-3.3
24TH	275.00	17.2	36.9	1353	2060	12.7	17.9	-17	8	39.8	128.9	-2.8	.7	-2.5
25TH	287.50	15.2	38.2	1297	2060	11.7	18.6	-16	7	24.6	90.7	-1.4	.3	-1.8
		13.0	39.1	1260	2060	10.3	19.0	-16	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									11.7	51.6	-.5	.1	-1.1
		10.8	38.5	1437	2472	7.5	15.6	-20	6					
ROOF	315.00									.9	13.1	-.1	.0	-.3
		.9	13.1	706	1064	1.2	12.3	-20	1					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									507.7	706.5	-112.7	82.6	-21.1
2ND	15.50	24.1	34.3	2660	3720	9.1	9.2	-54	38	483.6	672.3	-102.0	74.9	-18.3
3RD	24.50	13.5	23.5	1556	2160	8.7	10.9	-56	32	470.0	648.8	-96.1	70.6	-16.6
4TH	33.50	11.4	23.8	1556	2160	7.3	11.0	-62	30	458.7	625.0	-90.4	66.5	-14.8
5TH	42.50	12.1	24.0	1582	2160	7.7	11.1	-61	31	446.6	601.0	-84.8	62.4	-12.9
6TH	50.00	10.3	16.3	1062	1492	9.7	10.9	-30	19	436.2	584.7	-80.4	59.1	-12.2
7TH	62.50	18.5	24.8	1332	2044	13.9	12.1	-10	7	417.8	559.9	-73.2	53.7	-11.9
8TH	75.00	18.3	24.6	1353	2060	13.5	11.9	-10	8	399.5	535.4	-66.4	48.6	-11.5
9TH	87.50	18.2	25.3	1353	2060	13.4	12.3	-11	8	381.3	510.1	-59.9	43.8	-11.0
10TH	100.00	18.0	26.0	1353	2060	13.3	12.6	-12	8	363.3	484.1	-53.7	39.1	-10.6
11TH	112.50	17.9	26.7	1353	2060	13.2	13.0	-12	8	345.3	457.4	-47.8	34.7	-10.1
12TH	125.00	17.8	27.2	1353	2060	13.1	13.2	-13	8	327.6	430.1	-42.2	30.5	-9.6
13TH	137.50	18.7	27.2	1353	2060	13.8	13.2	-13	9	308.9	402.9	-37.0	26.5	-9.1
14TH	150.00	19.7	27.2	1353	2060	14.6	13.2	-13	9	289.1	375.7	-32.2	22.8	-8.6
15TH	162.50	20.8	27.2	1353	2060	15.4	13.2	-13	10	268.3	348.6	-27.6	19.3	-8.0
16TH	175.00	21.8	27.2	1353	2060	16.1	13.2	-13	10	246.5	321.4	-23.4	16.1	-7.5
17TH	187.50	22.9	27.2	1353	2060	16.9	13.2	-13	11	223.6	294.3	-19.6	13.1	-6.9
18TH	200.00	23.6	27.2	1353	2060	17.4	13.2	-13	11	200.1	267.1	-16.1	10.5	-6.2
19TH	212.50	24.1	27.2	1353	2060	17.8	13.2	-13	12	176.0	239.9	-12.9	8.1	-5.6
20TH	225.00	24.6	27.2	1353	2060	18.2	13.2	-13	12	151.3	212.7	-10.1	6.1	-4.9
21ST	237.50	25.2	27.2	1353	2060	18.6	13.2	-13	12	126.2	185.5	-7.6	4.3	-4.3
22ND	250.00	25.7	27.2	1353	2060	19.0	13.2	-14	13	100.4	158.4	-5.4	2.9	-3.6
23RD	262.50	24.7	28.0	1353	2060	18.2	13.6	-14	13	75.8	130.3	-3.6	1.8	-2.9
24TH	275.00	22.4	29.1	1353	2060	16.6	14.1	-15	11	53.3	101.2	-2.2	1.0	-2.2
25TH	287.50	19.7	30.3	1297	2060	15.2	14.7	-15	10	33.6	70.9	-1.1	.5	-1.5
		16.8	30.8	1260	2060	13.3	15.0	-15	8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									16.8	40.1	-.4	.2	-.9
		14.4	30.1	1437	2472	10.0	12.2	-19	9					
ROOF	315.00									2.5	10.1	-.0	.0	-.2
		2.5	10.1	706	1064	3.5	9.5	-21	5					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		23.3	24.7	2660	3720	8.8	6.6	-53	50	583.6	479.4	-74.1	97.9	-17.4
2ND	15.50													
		13.1	15.6	1556	2160	8.4	7.2	-54	45	560.3	454.7	-66.8	89.0	-14.9
3RD	24.50													
		11.0	15.0	1556	2160	7.1	6.9	-63	46	547.2	439.1	-62.8	84.0	-13.5
4TH	33.50													
		11.6	14.5	1582	2160	7.4	6.7	-60	48	536.2	424.2	-58.9	79.2	-12.0
5TH	42.50													
		10.3	11.4	1062	1492	9.7	7.6	-27	24	524.6	409.7	-55.2	74.4	-10.6
6TH	50.00													
		19.8	19.4	1332	2044	14.9	9.5	-11	11	514.3	398.3	-52.1	70.5	-10.0
7TH	62.50													
		20.0	18.9	1353	2060	14.8	9.2	-10	11	494.5	378.9	-47.3	64.2	-9.6
8TH	75.00													
		20.3	19.4	1353	2060	15.0	9.4	-10	11	474.4	360.0	-42.7	58.1	-9.2
9TH	87.50													
		20.6	19.9	1353	2060	15.2	9.7	-10	11	454.1	340.5	-38.3	52.3	-8.8
10TH	100.00													
		20.9	20.5	1353	2060	15.4	9.9	-10	11	433.5	320.6	-34.1	46.8	-8.3
11TH	112.50													
		21.1	20.7	1353	2060	15.6	10.0	-10	11	412.7	300.1	-30.3	41.5	-7.9
12TH	125.00													
		22.3	20.2	1353	2060	16.5	9.8	-10	11	391.5	279.5	-26.6	36.5	-7.5
13TH	137.50													
		23.7	19.6	1353	2060	17.5	9.5	-10	12	369.2	259.3	-23.3	31.7	-7.0
14TH	150.00													
		25.0	19.1	1353	2060	18.4	9.3	-9	12	345.5	239.7	-20.2	27.3	-6.5
15TH	162.50													
		26.3	18.6	1353	2060	19.4	9.0	-9	12	320.6	220.6	-17.3	23.1	-6.1
16TH	175.00													
		27.6	18.1	1353	2060	20.4	8.8	-8	13	294.3	202.0	-14.6	19.2	-5.6
17TH	187.50													
		28.3	17.7	1353	2060	20.9	8.6	-8	13	266.7	183.9	-12.2	15.7	-5.1
18TH	200.00													
		28.8	17.3	1353	2060	21.3	8.4	-8	13	238.4	166.2	-10.0	12.6	-4.6
19TH	212.50													
		29.3	16.9	1353	2060	21.6	8.2	-8	13	209.6	149.0	-8.1	9.8	-4.0
20TH	225.00													
		29.7	16.5	1353	2060	22.0	8.0	-7	13	180.4	132.0	-6.3	7.3	-3.5
21ST	237.50													
		30.2	16.1	1353	2060	22.3	7.8	-7	13	150.6	115.5	-4.8	5.3	-3.0
22ND	250.00													
		29.0	17.0	1353	2060	21.4	8.2	-8	14	120.4	99.4	-3.4	3.6	-2.5
23RD	262.50													
		26.5	18.5	1353	2060	19.6	9.0	-9	13	91.5	82.4	-2.3	2.3	-2.0
24TH	275.00													
		23.4	19.3	1297	2060	18.0	9.4	-10	12	65.0	63.9	-1.4	1.3	-1.4
25TH	287.50													
		19.8	19.6	1260	2060	15.7	9.5	-10	10	41.6	44.6	-.7	.6	-1.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									21.8	25.0	-.3	.2	-.6
		17.5	19.1	1437	2472	12.2	7.7	-13	12					
ROOF	315.00									4.3	5.9	-.0	.0	-.1
		4.3	5.9	706	1064	6.1	5.6	-13	10					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									558.2	182.8	-25.8	95.1	-11.5
2ND	15.50	22.2	10.5	2660	3720	8.3	2.8	-36	76	536.1	172.4	-23.1	86.6	-9.4
3RD	24.50	12.0	5.6	1556	2160	7.7	2.6	-34	73	524.1	166.8	-21.6	81.9	-8.3
4TH	33.50	10.7	4.8	1556	2160	6.9	2.2	-37	83	513.4	162.0	-20.1	77.2	-7.3
5TH	42.50	11.8	3.9	1582	2160	7.5	1.8	-26	80	501.6	158.1	-18.6	72.6	-6.2
6TH	50.00	9.7	4.4	1062	1492	9.1	3.0	-16	35	491.9	153.7	-17.5	68.9	-5.8
7TH	62.50	16.2	10.9	1332	2044	12.1	5.3	-11	17	475.7	142.8	-15.6	62.9	-5.4
8TH	75.00	16.8	10.2	1353	2060	12.4	5.0	-10	16	458.9	132.6	-13.9	57.0	-5.1
9TH	87.50	17.7	10.3	1353	2060	13.1	5.0	-8	14	441.2	122.3	-12.3	51.4	-4.7
10TH	100.00	18.7	10.5	1353	2060	13.8	5.1	-7	13	422.5	111.8	-10.8	46.0	-4.4
11TH	112.50	19.6	10.6	1353	2060	14.5	5.1	-6	12	402.9	101.2	-9.5	40.8	-4.1
12TH	125.00	20.5	10.4	1353	2060	15.1	5.0	-6	11	382.4	90.8	-8.3	35.9	-3.8
13TH	137.50	21.7	9.4	1353	2060	16.0	4.5	-5	11	360.7	81.5	-7.2	31.3	-3.5
14TH	150.00	22.9	8.3	1353	2060	16.9	4.1	-4	10	337.8	73.1	-6.3	26.9	-3.3
15TH	162.50	24.2	7.3	1353	2060	17.9	3.6	-3	10	313.6	65.8	-5.4	22.8	-3.0
16TH	175.00	25.4	6.3	1353	2060	18.8	3.1	-2	10	288.3	59.5	-4.6	19.1	-2.7
17TH	187.50	26.6	5.3	1353	2060	19.7	2.6	-2	9	261.6	54.1	-3.9	15.6	-2.5
18TH	200.00	27.4	4.9	1353	2060	20.2	2.4	-2	9	234.3	49.2	-3.3	12.5	-2.2
19TH	212.50	27.9	4.5	1353	2060	20.6	2.2	-1	9	206.4	44.7	-2.7	9.8	-1.9
20TH	225.00	28.4	4.1	1353	2060	21.0	2.0	-1	9	178.0	40.5	-2.1	7.4	-1.7
21ST	237.50	28.9	3.8	1353	2060	21.3	1.8	-1	9	149.2	36.8	-1.7	5.3	-1.4
22ND	250.00	29.4	3.4	1353	2060	21.7	1.6	-1	9	119.8	33.4	-1.2	3.7	-1.2
23RD	262.50	28.0	4.1	1353	2060	20.7	2.0	-2	11	91.8	29.3	-.8	2.3	-.9
24TH	275.00	25.7	6.1	1353	2060	19.0	3.0	-2	10	66.1	23.2	-.5	1.3	-.6
25TH	287.50	22.7	6.8	1297	2060	17.5	3.3	-3	10	43.3	16.4	-.3	.7	-.3
		19.6	7.2	1260	2060	15.6	3.5	-3	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1 32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	18.1	6.9	1437	2472	12.6	2 8	-3	8	23.7	9.1	-.1	.2	-.2
ROOF	315.00	5.6	2.2	706	1064	7.9	2.1	-1	3	5.6	2.2	-.0	.0	-.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									421.5	-58.4	14.8	74.3	-5.7
2ND	15.50	17.3	-1.0	2660	3720	6.5	-.3	5	82	404.2	-57.4	13.9	67.9	-4.3
3RD	24.50	9.1	-.5	1556	2160	5.9	-.2	5	80	395.1	-56.9	13.4	64.3	-3.6
4TH	33.50	7.1	-1.1	1556	2160	4.5	-.5	16	103	388.0	-55.8	12.9	60.8	-2.8
5TH	42.50	8.4	-3.0	1582	2160	5.3	-1.4	23	66	379.6	-52.8	12.4	57.3	-2.2
6TH	50.00	6.8	-1.0	1062	1492	6.4	-.7	3	22	372.8	-51.8	12.0	54.5	-2.0
7TH	62.50	10.8	4.8	1332	2044	8.1	2.3	-12	28	362.0	-56.6	11.3	49.9	-1.7
8TH	75.00	11.2	3.6	1353	2060	8.3	1.8	-8	26	350.8	-60.2	10.6	45.5	-1.4
9TH	87.50	11.9	2.9	1353	2060	8.8	1.4	-5	22	338.9	-63.1	9.8	41.2	-1.1
10TH	100.00	12.6	2.2	1353	2060	9.3	1.1	-3	18	326.3	-65.2	9.0	37.0	-.9
11TH	112.50	13.3	1.4	1353	2060	9.9	.7	-2	14	312.9	-66.7	8.2	33.0	-.7
12TH	125.00	14.1	.6	1353	2060	10.4	.3	-0	10	298.9	-67.2	7.4	29.2	-.5
13TH	137.50	15.1	-.5	1353	2060	11.2	-.2	0	8	283.8	-66.8	6.5	25.5	-.4
14TH	150.00	16.2	-1.5	1353	2060	12.0	-.7	1	6	267.5	-65.3	5.7	22.1	-.3
15TH	162.50	17.3	-2.5	1353	2060	12.8	-1.2	1	5	250.2	-62.8	4.9	18.9	-.2
16TH	175.00	18.4	-3.5	1353	2060	13.6	-1.7	1	3	231.8	-59.2	4.1	15.8	-.2
17TH	187.50	19.5	-4.6	1353	2060	14.4	-2.2	1	2	212.3	-54.6	3.4	13.1	-.1
18TH	200.00	20.5	-5.1	1353	2060	15.1	-2.5	1	2	191.8	-49.6	2.8	10.5	-.0
19TH	212.50	21.4	-5.5	1353	2060	15.8	-2.7	1	3	170.4	-44.1	2.2	8.3	.0
20TH	225.00	22.2	-5.9	1353	2060	16.4	-2.9	1	3	148.2	-38.2	1.7	6.3	.1
21ST	237.50	23.1	-6.3	1353	2060	17.1	-3.1	1	3	125.1	-31.9	1.2	4.6	.1
22ND	250.00	24.0	-6.7	1353	2060	17.7	-3.3	1	3	101.1	-25.2	.9	3.2	.2
23RD	262.50	22.9	-6.0	1353	2060	16.9	-2.9	1	4	78.2	-19.2	.6	2.0	.3
24TH	275.00	21.2	-3.8	1353	2060	15.6	-1.8	1	3	57.0	-15.4	.4	1.2	.4
25TH	287.50	18.8	-3.8	1297	2060	14.5	-1.8	-0	-1	38.2	-11.7	.2	.6	.4
		16.5	-3.7	1260	2060	13.1	-1.8	-1	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									21.7	-8.0	.1	.2	.3
		15.9	-5.7	1437	2472	11.0	-2.3	-3	-10					
ROOF	315.00									5.8	-2.3	.0	.0	.1
		5.8	-2.3	706	1064	8.2	-2.2	-5	-13					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									300.5	-339.8	58.2	57.7	1.5
2ND	15.50	9.9	-19.3	2660	3720	3.7	-5.2	9	4	290.5	-320.5	53.1	53.2	1.7
3RD	24.50	5.1	-10.6	1556	2160	3.3	-4.9	3	1	285.4	-309.9	50.2	50.6	1.7
4TH	33.50	3.5	-10.2	1556	2160	2.3	-4.7	3	1	281.9	-299.7	47.5	48.0	1.7
5TH	42.50	3.8	-11.1	1582	2160	2.4	-5.1	-5	-2	278.1	-288.6	44.9	45.5	1.7
6TH	50.00	3.3	-7.2	1062	1492	3.1	-4.8	-16	-7	274.8	-281.4	42.7	43.4	1.5
7TH	62.50	6.2	-7.4	1332	2044	4.7	-3.6	2	2	268.5	-274.0	39.2	40.0	1.6
8TH	75.00	6.3	-8.3	1353	2060	4.6	-4.0	2	2	262.3	-265.7	35.9	36.7	1.6
9TH	87.50	6.7	-8.9	1353	2060	5.0	-4.3	2	2	255.6	-256.8	32.6	33.5	1.6
10TH	100.00	7.2	-9.5	1353	2060	5.3	-4.6	2	2	248.4	-247.3	29.5	30.3	1.7
11TH	112.50	7.6	-10.0	1353	2060	5.6	-4.9	2	1	240.8	-237.3	26.4	27.3	1.7
12TH	125.00	8.0	-10.6	1353	2060	5.9	-5.2	1	1	232.8	-226.7	23.5	24.3	1.7
13TH	137.50	9.2	-11.2	1353	2060	6.8	-5.5	1	1	223.6	-215.4	20.8	21.4	1.7
14TH	150.00	10.3	-11.9	1353	2060	7.6	-5.8	1	1	213.3	-203.6	18.1	18.7	1.7
15TH	162.50	11.5	-12.5	1353	2060	8.5	-6.1	1	1	201.8	-191.1	15.7	16.1	1.8
16TH	175.00	12.7	-13.1	1353	2060	9.4	-6.4	1	1	189.1	-178.0	13.4	13.7	1.8
17TH	187.50	13.9	-13.8	1353	2060	10.2	-6.7	0	0	175.2	-164.2	11.2	11.4	1.8
18TH	200.00	14.9	-14.3	1353	2060	11.0	-6.9	0	0	160.3	-149.9	9.3	9.3	1.8
19TH	212.50	15.9	-14.7	1353	2060	11.8	-7.1	-0	-0	144.3	-135.2	7.5	7.4	1.8
20TH	225.00	16.9	-15.1	1353	2060	12.5	-7.3	-1	-1	127.4	-120.2	5.9	5.7	1.8
21ST	237.50	18.0	-15.5	1353	2060	13.3	-7.5	-1	-1	109.4	-104.7	4.5	4.2	1.7
22ND	250.00	19.0	-15.9	1353	2060	14.0	-7.7	-1	-2	90.5	-88.8	3.3	3.0	1.7
23RD	262.50	18.5	-15.8	1353	2060	13.7	-7.7	-4	-5	72.0	-73.0	2.3	2.0	1.5
24TH	275.00	18.2	-14.1	1353	2060	13.4	-6.9	-4	-5	53.8	-58.9	1.4	1.2	1.4
25TH	287.50	16.8	-14.2	1297	2060	12.9	-6.9	-8	-9	37.0	-44.7	.8	.6	1.1
		15.5	-14.9	1260	2060	12.3	-7.2	-12.	-12					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									21.5	-29.8	.3	.2	.7
		15.4	-20.9	1437	2472	10.7	-8.5	-16	-12					
ROOF	315.00									6.2	-8.9	.0	.0	.2
		6.2	-8.9	706	1064	8.7	-8.4	-15	-10					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									285.0	-541.4	85.9	55.7	5.3
2ND	15.50	8.8	-29.2	2660	3720	3.3	-7.9	-3	-1	276.3	-512.2	77.7	51.3	5.3
3RD	24.50	4.6	-16.5	1556	2160	2.9	-7.6	-9	-3	271.7	-495.7	73.2	48.9	5.1
4TH	33.50	3.6	-16.7	1556	2160	2.3	-7.7	-10	-2	268.1	-479.0	68.8	46.4	4.9
5TH	42.50	3.9	-18.0	1582	2160	2.4	-8.3	-13	-3	264.2	-461.0	64.6	44.1	4.7
6TH	50.00	3.1	-13.0	1062	1492	2.9	-8.7	-11	-3	261.2	-448.0	61.2	42.1	4.5
7TH	62.50	6.3	-18.9	1332	2044	4.7	-9.3	-6	-2	254.9	-429.1	55.7	38.9	4.4
8TH	75.00	6.4	-19.6	1353	2060	4.7	-9.5	-6	-2	248.5	-409.5	50.4	35.7	4.3
9TH	87.50	6.6	-19.9	1353	2060	4.9	-9.7	-7	-2	241.8	-389.5	45.4	32.6	4.1
10TH	100.00	6.8	-20.3	1353	2060	5.1	-9.8	-7	-2	235.0	-369.2	40.7	29.7	4.0
11TH	112.50	7.1	-20.6	1353	2060	5.2	-10.0	-8	-3	228.0	-348.6	36.2	26.8	3.8
12TH	125.00	7.3	-20.8	1353	2060	5.4	-10.1	-8	-3	220.7	-327.8	32.0	24.0	3.6
13TH	137.50	8.1	-21.0	1353	2060	6.0	-10.2	-7	-3	212.6	-306.8	28.0	21.3	3.4
14TH	150.00	9.0	-21.1	1353	2060	6.7	-10.2	-6	-3	203.6	-285.7	24.3	18.7	3.3
15TH	162.50	9.9	-21.2	1353	2060	7.4	-10.3	-5	-3	193.6	-264.5	20.9	16.2	3.1
16TH	175.00	10.9	-21.3	1353	2060	8.0	-10.4	-4	-2	182.7	-243.2	17.7	13.8	3.0
17TH	187.50	11.8	-21.4	1353	2060	8.7	-10.4	-4	-2	171.0	-221.8	14.8	11.6	2.9
18TH	200.00	12 9	-21.3	1353	2060	9.5	-10.3	-3	-2	158.1	-200.5	12.2	9.6	2.8
19TH	212.50	14.0	-21.2	1353	2060	10.4	-10.3	-3	-2	144.1	-179.3	9.8	7.7	2.7
20TH	225.00	15.2	-21.0	1353	2060	11.2	-10.2	-3	-2	128.9	-158.3	7.7	6.0	2 6
21ST	237.50	16.3	-20.9	1353	2060	12.1	-10.1	-3	-2	112.5	-137.4	5.8	4.5	2.5
22ND	250.00	17 5	-20.7	1353	2060	12.9	-10.1	-3	-2	95.0	-116.7	4.2	3.2	2.4
23RD	262.50	18.1	-21.4	1353	2060	13.4	-10.4	-9	-7	76.9	-95.3	2.9	2.1	2.1
24TH	275.00	19.1	-19.4	1353	2060	14.1	-9.4	-7	-7	57.8	-75.9	1.8	1.2	1.8
25TH	287.50	18.3	-18.5	1297	2060	14.1	-9.0	-11	-11	39.4	-57.4	1.0	.6	1.4
		16.9	-19.3	1260	2060	13.4	-9.4	-15	-13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									22.6	-38.1	.4	.2	.9
		16.1	-26.9	1437	2472	11.2	-10.9	-19	-11					
ROOF	315.00									6.5	-11.2	.1	.0	.2
		6.5	-11.2	706	1064	9.1	-10.5	-14	-8					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		37.4	-39.3	2660	3720	14.0	-10.6	25	24	659.6	-689.2	102.1	107.8	-7.8
2ND	15.50									622.2	-649.9	91.7	97.9	-5.9
		21.4	-21.8	1556	2160	13.8	-10.1	25	24					
3RD	24.50									600.8	-628.1	86.0	92.4	-4.9
		21.0	-22.2	1556	2160	13.5	-10.3	25	24					
4TH	33.50									579.8	-605.9	80.4	87.1	-3.8
		22.1	-24.2	1582	2160	14.0	-11.2	22	20					
5TH	42.50									557.7	-581.7	75.1	81.9	-2.8
		14.3	-19.5	1062	1492	13.4	-13.1	11	8					
6TH	50.00									543.4	-562.2	70.8	77.8	-2.5
		17.4	-30.3	1332	2044	13.1	-14.8	0	0					
7TH	62.50									526.0	-531.9	63.9	71.1	-2.5
		18.5	-30.7	1353	2060	13.7	-14.9	1	1					
8TH	75.00									507.5	-501.1	57.5	64.7	-2.4
		19.7	-30.2	1353	2060	14.5	-14.7	2	1					
9TH	87.50									487.8	-470.9	51.4	58.4	-2.4
		20.8	-29.7	1353	2060	15.4	-14.4	2	2					
10TH	100.00									466.9	-441.2	45.7	52.5	-2.3
		22.0	-29.2	1353	2060	16.3	-14.2	3	2					
11TH	112.50									444.9	-412.0	40.4	46.8	-2.1
		23.1	-28.6	1353	2060	17.1	-13.9	4	3					
12TH	125.00									421.8	-383.4	35.4	41.4	-1.9
		24.0	-28.2	1353	2060	17.7	-13.7	4	4					
13TH	137.50									397.8	-355.2	30.8	36.2	-1.7
		24.7	-27.8	1353	2060	18.3	-13.5	5	4					
14TH	150.00									373.1	-327.4	26.5	31.4	-1.5
		25.5	-27.4	1353	2060	18.8	-13.3	5	5					
15TH	162.50									347.6	-300.0	22.6	26.9	-1.2
		26.3	-27.0	1353	2060	19.4	-13.1	6	6					
16TH	175.00									321.3	-273.0	19.0	22.7	-.9
		27.1	-26.5	1353	2060	20.0	-12.9	6	6					
17TH	187.50									294.3	-246.5	15.8	18.9	-.6
		27.7	-26.0	1353	2060	20.5	-12.6	6	6					
18TH	200.00									266.6	-220.6	12.9	15.4	-.3
		28.2	-25.5	1353	2060	20.9	-12.4	5	6					
19TH	212.50									238.3	-195.1	10.3	12.2	.0
		28.8	-25.0	1353	2060	21.3	-12.1	5	6					
20TH	225.00									209.5	-170.1	8.0	9.4	.3
		29.4	-24.5	1353	2060	21.7	-11.9	5	6					
21ST	237.50									180.2	-145.7	6.0	7.0	.6
		29.9	-23.9	1353	2060	22.1	-11.6	5	6					
22ND	250.00									150.2	-121.7	4.3	4.9	.9
		30.0	-23.0	1353	2060	22.2	-11.2	0	0					
23RD	262.50									120.2	-98.7	2.9	3.2	.9
		30.5	-21.4	1353	2060	22.5	-10.4	0	1					
24TH	275.00									89.7	-77.3	1.8	1.9	1.0
		28.6	-19.8	1297	2060	22.0	-9.6	-3	-4					
25TH	287.50									61.2	-57.5	1.0	1.0	.8
		26.1	-20.2	1260	2060	20.7	-9.8	-6	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	25.4	-25.9	1437	2472	17.7	-10.5	-8	-8	35.0	-37.2	.4	.4	.5
ROOF	315.00	9.6	-11.3	706	1064	13.6	-10.6	-5	-4	9.6	-11.3	.1	.0	.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 219 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									707.8	-806.8	122.5	110.8	-5.7
2ND	15.50	43.9	-44.6	2660	3720	16.5	-12.0	26	26	663.9	-762.2	110.4	100.1	-3.4
3RD	24.50	27.3	-24.6	1556	2160	17.5	-11.4	26	29	636.6	-737.6	103.6	94.3	-1.9
4TH	33.50	27.0	-24.5	1556	2160	17.3	-11.3	27	30	609.6	-713.1	97.1	88.7	-.5
5TH	42.50	28.4	-25.8	1582	2160	17.9	-11.9	25	27	581.3	-687.4	90.8	83.3	.9
6TH	50.00	17.6	-20.8	1062	1492	16.5	-14.0	14	12	563.7	-666.5	85.7	79.0	1.4
7TH	62.50	19.1	-33.1	1332	2044	14.4	-16.2	-0	-0	544.6	-633.5	77.6	72.1	1.4
8TH	75.00	20.5	-33.9	1353	2060	15.1	-16.4	-0	-0	524.1	-599.6	69.9	65.4	1.4
9TH	87.50	21.8	-33.6	1353	2060	16.1	-16.3	-0	-0	502.3	-566.0	62.6	59.0	1.4
10TH	100.00	23.1	-33.4	1353	2060	17.1	-16.2	0	0	479.2	-532.6	55.7	52.9	1.4
11TH	112.50	24.5	-33.2	1353	2060	18.1	-16.1	0	0	454.7	-499.4	49.3	47.0	1.4
12TH	125.00	25.8	-33.0	1353	2060	19.1	-16.0	1	0	428.9	-466.4	43.3	41.5	1.5
13TH	137.50	26.3	-32.8	1353	2060	19.4	-15.9	1	1	402.7	-433.6	37.6	36.3	1.5
14TH	150.00	26.6	-32.7	1353	2060	19.7	-15.9	1	1	376.0	-400.9	32.4	31.4	1.6
15TH	162.50	27.0	-32.5	1353	2060	19.9	-15.8	1	1	349.0	-368.4	27.6	26.9	1.6
16TH	175.00	27.4	-32.4	1353	2060	20.2	-15.7	1	1	321.7	-336.0	23.2	22.7	1.7
17TH	187.50	27.7	-32.2	1353	2060	20.5	-15.6	2	1	293.9	-303.8	19.2	18.9	1.8
18TH	200.00	28.1	-31.8	1353	2060	20.8	-15.4	1	1	265.8	-272.0	15.6	15.4	1.9
19TH	212.50	28.5	-31.5	1353	2060	21.1	-15.3	1	1	237.3	-240.5	12.4	12.2	1.9
20TH	225.00	28.9	-31.2	1353	2060	21.4	-15.1	1	1	208.3	-209.4	9.6	9.4	2.0
21ST	237.50	29.3	-30.8	1353	2060	21.7	-15.0	0	0	179.0	-178.5	7.2	7.0	2.0
22ND	250.00	29.7	-30.5	1353	2060	22.0	-14.8	0	0	149.2	-148.0	5.1	5.0	2.0
23RD	262.50	29.7	-28.3	1353	2060	21.9	-13.7	-4	-4	119.6	-119.7	3.5	3.3	1.8
24TH	275.00	29.7	-27.7	1353	2060	22.0	-13.5	-3	-4	89.9	-91.9	2.1	2.0	1.6
25TH	287.50	27.8	-25.2	1297	2060	21.4	-12.2	-7	-8	62.1	-66.8	1.1	1.0	1.2
		25.6	-24.9	1260	2060	20.3	-12.1	-9	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									36.5	-41.8	.5	.4	.7
		25.6	-29.4	1437	2472	17.8	-11.9	-11	-9					
ROOF	315.00									10.9	-12.5	.1	.0	.1
		10.9	-12.5	706	1064	15.4	-11.7	-6	-5					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR. CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									673.5	-932.0	142.3	104.8	-.9
2ND	15.50	41.2	-52.4	2660	3720	15.5	-14.1	22	17	632.3	-879.6	128.3	94.7	.9
3RD	24.50	27.2	-28.2	1556	2160	17.5	-13.0	24	23	605.1	-851.5	120.5	89.2	2.2
4TH	33.50	27.1	-28.1	1556	2160	17.4	-13.0	25	24	578.0	-823.3	112.9	83.8	3.6
5TH	42.50	28.3	-29.7	1582	2160	17.9	-13.7	23	22	549.7	-793.7	105.7	78.8	4.9
6TH	50.00	17.2	-22.5	1062	1492	16.1	-15.1	14	11	532.6	-771.2	99.8	74.7	5.4
7TH	62.50	18.2	-35.0	1332	2044	13.7	-17.1	-2	-1	514.4	-736.2	90.4	68.2	5.3
8TH	75.00	19.4	-36.5	1353	2060	14.3	-17.7	-2	-1	494.9	-699.7	81.4	61.9	5.2
9TH	87.50	20.6	-37.1	1353	2060	15.2	-18.0	-2	-1	474.3	-662.6	72.9	55.8	5.1
10TH	100.00	21.8	-37.6	1353	2060	16.1	-18.2	-2	-1	452.5	-625.0	64.8	50.0	5.0
11TH	112.50	23.0	-38.1	1353	2060	17.0	-18.5	-3	-2	429.5	-586.9	57.3	44.5	4.9
12TH	125.00	24.2	-38.6	1353	2060	17.9	-18.7	-3	-2	405.2	-548.3	50.2	39.3	4.7
13TH	137.50	24.7	-38.6	1353	2060	18.3	-18.7	-3	-2	380.5	-509.7	43.6	34.4	4.6
14TH	150.00	25.1	-38.7	1353	2060	18.6	-18.8	-3	-2	355.4	-471.1	37.4	29.8	4.4
15TH	162.50	25.5	-38.7	1353	2060	18.9	-18.8	-3	-2	329.8	-432.3	31.8	25.5	4.2
16TH	175.00	25.9	-38.8	1353	2060	19.2	-18.8	-3	-2	303.9	-393.6	26.6	21.5	4.1
17TH	187.50	26.3	-38.7	1353	2060	19.5	-18.8	-3	-2	277.6	-354.9	21.9	17.9	3.9
18TH	200.00	26.6	-38.3	1353	2060	19.7	-18.6	-3	-2	251.0	-316.6	17.7	14.6	3.7
19TH	212.50	26.9	-37.9	1353	2060	19.9	-18.4	-3	-2	224.1	-278.7	14.0	11.6	3.6
20TH	225.00	27.2	-37.4	1353	2060	20.1	-18.2	-3	-2	196.9	-241.3	10.8	9.0	3.4
21ST	237.50	27.4	-37.0	1353	2060	20.3	-18.0	-4	-3	169.5	-204.3	8.0	6.7	3.2
22ND	250.00	27.7	-36.6	1353	2060	20.5	-17.8	-4	-3	141.8	-167.7	5.7	4.7	2.9
23RD	262.50	27.8	-33.0	1353	2060	20.6	-16.0	-8	-7	113.9	-134.7	3.8	3.1	2.5
24TH	275.00	28.0	-33.6	1353	2060	20.7	-16.3	-7	-6	86.0	-101.1	2.3	1.9	2.1
25TH	287.50	26.2	-28.5	1297	2060	20.2	-13.9	-11	-10	59.8	-72.5	1.2	1.0	1.5
		24.5	-28.3	1260	2060	19.4	-13.7	-13	-11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	24.8	-31.7	1437	2472	17.2	-12.8	-14	-11	35.3	-44.2	.5	.4	.9
ROOF	315.00	10.6	-12.6	706	1064	14.9	-11.8	-9	-7	10.6	-12.6	.1	.0	.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									573.0	-1026.0	156.9	90.2	3.4
2ND	15.50	32.9	-58.9	2660	3720	12.4	-15.8	14	8	540.1	-967.0	141.5	81.5	4.4
3RD	24.50	22.5	-33.3	1556	2160	14.4	-15.4	16	11	517.7	-933.7	132.9	76.8	5.2
4TH	33.50	23.4	-33.4	1556	2160	15.0	-15.5	18	12	494.3	-900.3	124.7	72.2	6.1
5TH	42.50	24.9	-34.5	1582	2160	15.7	-16.0	18	13	469.4	-865.8	116.7	67.9	7.0
6TH	50.00	14.9	-23.6	1062	1492	14.1	-15.9	12	8	454.5	-842.1	110.3	64.4	7.4
7TH	62.50	15.3	-35.2	1332	2044	11.5	-17.2	-2	-1	439.2	-806.9	100.0	58.8	7.4
8TH	75.00	16.2	-37.2	1353	2060	12.0	-18.1	-3	-1	423.0	-769.7	90.2	53.4	7.3
9TH	87.50	17.3	-38.5	1353	2060	12.7	-18.7	-3	-1	405.7	-731.3	80.8	48.3	7.1
10TH	100.00	18.3	-39.7	1353	2060	13.5	-19.3	-4	-2	387.5	-691.6	71.9	43.3	6.9
11TH	112.50	19.3	-40.9	1353	2060	14.3	-19.9	-4	-2	368.2	-650.7	63.5	38.6	6.7
12TH	125.00	20.3	-42.0	1353	2060	15.0	-20.4	-5	-2	347.8	-608.7	55.6	34.1	6.5
13TH	137.50	20.8	-42.2	1353	2060	15.3	-20.5	-5	-2	327.1	-566.5	48.3	29.9	6.2
14TH	150.00	21.1	-42.4	1353	2060	15.6	-20.6	-5	-3	305.9	-524.1	41.5	25.9	5.9
15TH	162.50	21.5	-42.7	1353	2060	15.9	-20.7	-6	-3	284.4	-481.4	35.2	22.2	5.6
16TH	175.00	21.9	-42.9	1353	2060	16.2	-20.8	-6	-3	262.5	-438.4	29.4	18.8	5.3
17TH	187.50	22.3	-43.1	1353	2060	16.5	-20.9	-6	-3	240.2	-395.3	24.2	15.7	5.0
18TH	200.00	22.6	-42.8	1353	2060	16.7	-20.8	-6	-3	217.7	-352.6	19.5	12.8	4.6
19TH	212.50	22.8	-42.5	1353	2060	16.9	-20.6	-6	-3	194.9	-310.1	15.4	10.2	4.3
20TH	225.00	23.1	-42.2	1353	2060	17.1	-20.5	-6	-3	171.8	-267.9	11.8	8.0	4.0
21ST	237.50	23.3	-41.9	1353	2060	17.2	-20.4	-6	-3	148.4	-226.0	8.7	6.0	3.6
22ND	250.00	23.6	-41.6	1353	2060	17.4	-20.2	-6	-3	124.8	-184.3	6.1	4.2	3.3
23RD	262.50	24.1	-36.3	1353	2060	17.8	-17.6	-9	-6	100.8	-148.0	4.1	2.8	2.8
24TH	275.00	24.1	-38.0	1353	2060	17.8	-18.5	-8	-5	76.7	-109.9	2.4	1.7	2.4
25TH	287.50	22.7	-31.7	1297	2060	17.5	-15.4	-14	-10	54.0	-78.2	1.3	.9	1.7
		21.4	-31.9	1260	2060	17.0	-15.5	-15	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	22.2	-34.0	1437	2472	15.4	-13.8	-16	-10	32.6	-46.3	.5	.4	1.0
ROOF	315.00	10.4	-12.3	706	1064	14.7	-11.6	-11	-9	10.4	-12.3	.1	.0	.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									392.5	-1106.1	170.0	62.3	6.8
2ND	15.50	22.4	-63.7	2660	3720	8.4	-17.1	3	1	370.1	-1042.4	153.3	56.3	7.0
3RD	24.50	16.1	-36.5	1556	2160	10.3	-16.9	6	3	354.0	-1005.9	144.1	53.1	7.3
4TH	33.50	17.9	-37.0	1556	2160	11.5	-17.1	9	4	336.1	-969.0	135.2	50.0	7.7
5TH	42.50	19.7	-38.2	1582	2160	12.5	-17.7	10	5	316.4	-930.8	126.7	47.0	8.2
6TH	50.00	11.1	-24.4	1062	1492	10.4	-16.4	9	4	305.3	-906.4	119.8	44.7	8.5
7TH	62.50	8.8	-35.6	1332	2044	6.6	-17.4	-3	-1	296.5	-870.8	108.7	41.0	8.3
8TH	75.00	9.6	-38.2	1353	2060	7.1	-18.5	-4	-1	286.9	-832.7	98.0	37.3	8.2
9TH	87.50	10.5	-40.0	1353	2060	7.7	-19.4	-5	-1	276.5	-792.7	87.9	33.8	8.0
10TH	100.00	11.3	-41.7	1353	2060	8.4	-20.3	-6	-2	265.1	-751.0	78.2	30.4	7.7
11TH	112.50	12.2	-43.5	1353	2060	9.0	-21.1	-6	-2	252.9	-707.5	69.1	27.2	7.4
12TH	125.00	13.1	-45.0	1353	2060	9.7	-21.8	-7	-2	239.8	-662.5	60.6	24.1	7.1
13TH	137.50	13.5	-45.3	1353	2060	10.0	-22.0	-7	-2	226.3	-617.2	52.6	21.2	6.7
14TH	150.00	13.9	-45.7	1353	2060	10.2	-22.2	-7	-2	212.4	-571.5	45.1	18.4	6.4
15TH	162 50	14.2	-46.1	1353	2060	10.5	-22.4	-7	-2	198.2	-525.4	38.3	15.9	6.0
16TH	175.00	14.6	-46.4	1353	2060	10.8	-22.5	-7	-2	183.6	-479.0	32.0	13.5	5.6
17TH	187.50	14.9	-46.7	1353	2060	11.0	-22.7	-8	-2	168.7	-432.2	26.3	11.3	5.2
18TH	200.00	15.2	-46.6	1353	2060	11.2	-22.6	-8	-3	153.5	-385.6	21.2	9.3	4.8
19TH	212.50	15.4	-46.6	1353	2060	11.4	-22.6	-8	-3	138.0	-339.1	16.7	7.4	4.4
20TH	225.00	15.6	-46.5	1353	2060	11.6	-22.6	-8	-3	122.4	-292.6	12.7	5.8	4.0
21ST	237.50	15.9	-46.4	1353	2060	11.7	-22.5	-8	-3	106.5	-246.2	9.4	4.4	3.6
22ND	250.00	16.1	-46.3	1353	2060	11.9	-22.5	-8	-3	90.5	-199.8	6.6	3.1	3.2
23RD	262.50	16.9	-39.6	1353	2060	12.5	-19.2	-11	-5	73.5	-160.2	4.3	2.1	2.6
24TH	275.00	16.7	-41.8	1353	2060	12.3	-20.3	-10	-4	56.9	-118.4	2.6	1.3	2.1
25TH	287.50	16.0	-34.9	1297	2060	12.3	-16.9	-16	-7	40.9	-83.5	1.3	.7	1.5
		15.8	-35.9	1260	2060	12.6	-17.4	-14	-6					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									25.0	-47.7	.5	.3	.9
		17.0	-36.3	1437	2472	11.8	-14.7	-15	-7					
ROOF	315.00									8.1	-11.4	.1	.0	.2
		8.1	-11.4	706	1064	11.4	-10.7	-12	-9					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									220.5	-1424.7	219.2	31.0	11.6
2ND	15.50	18.5	-85.3	2660	3720	7.0	-22.9	-6	-1	202.0	-1339.3	197.8	27.7	11.0
3RD	24.50	14.4	-48.6	1556	2160	9.3	-22.5	-3	-1	187.6	-1290.7	186.0	26.0	10.9
4TH	33.50	16.0	-49.0	1556	2160	10.3	-22.7	-1	-0	171.5	-1241.7	174.6	24.3	10.8
5TH	42.50	17.4	-49.9	1582	2160	11.0	-23.1	0	0	154.2	-1191.8	163.6	22.9	10.8
6TH	50.00	8.6	-31.2	1062	1492	8.1	-20.9	3	1	145.6	-1160.6	154.8	21.8	10.9
7TH	62.50	4.6	-44.2	1332	2044	3.5	-21.6	-3	-0	141.0	-1116.4	140.6	20.0	10.7
8TH	75.00	4.8	-47.3	1353	2060	3.5	-23.0	-4	-0	136.2	-1069.1	126.9	18.2	10.5
9TH	87.50	5.1	-49.8	1353	2060	3.8	-24.2	-5	-1	131.1	-1019.3	113.9	16.6	10.3
10TH	100.00	5.4	-52.2	1353	2060	4.0	-25.3	-7	-1	125.7	-967.1	101.4	15.0	9.9
11TH	112.50	5.8	-54.6	1353	2060	4.3	-26.5	-8	-1	119.9	-912.5	89.7	13.4	9.5
12TH	125.00	6.1	-56.6	1353	2060	4.5	-27.5	-8	-1	113.8	-855.9	78.6	12.0	9.0
13TH	137.50	6.2	-57.3	1353	2060	4.6	-27.8	-9	-1	107.6	-798.6	68.3	10.6	8.5
14TH	150.00	6.3	-58.0	1353	2060	4.7	-28.2	-9	-1	101.3	-740.6	58.7	9.3	8.0
15TH	162.50	6.4	-58.8	1353	2060	4.8	-28.5	-9	-1	94.9	-681.8	49.8	8.0	7.5
16TH	175.00	6.5	-59.5	1353	2060	4.8	-28.9	-9	-1	88.3	-622.3	41.6	6.9	6.9
17TH	187.50	6.7	-60.1	1353	2060	4.9	-29.2	-10	-1	81.7	-562.2	34.2	5.8	6.3
18TH	200.00	6.7	-60.2	1353	2060	5.0	-29.2	-10	-1	75.0	-502.0	27.6	4.9	5.7
19TH	212.50	6.8	-60.4	1353	2060	5.0	-29.3	-10	-1	68.2	-441.6	21.7	4.0	5.1
20TH	225.00	6.8	-60.5	1353	2060	5.0	-29.4	-10	-1	61.4	-381.2	16.5	3.1	4.4
21ST	237.50	6.9	-60.6	1353	2060	5.1	-29.4	-10	-1	54.5	-320.6	12.2	2.4	3.8
22ND	250.00	6.9	-60.7	1353	2060	5.1	-29.5	-11	-1	47.6	-259.8	8.5	1.8	3.1
23RD	262.50	8.1	-51.5	1353	2060	6.0	-25.0	-12	-2	39.5	-208.3	5.6	1.2	2.5
24TH	275.00	7.0	-54.2	1353	2060	5.2	-26.3	-11	-1	32.4	-154.2	3.3	.8	1.9
25TH	287.50	7.4	-45.2	1297	2060	5.7	-21.9	-15	-2	25.0	-109.0	1.7	.4	1.2
		9.2	-47.6	1260	2060	7.3	-23.1	-11	-2					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR. CHATTANOOGA. WITH WIND DIRECTIONALITY
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	10.9	-47.3	1437	2472	7.6	-19.1	-10	-2	15.8	-61.3	.6	.2	.7
ROOF	315.00	4.9	-14.1	706	1064	7.0	-13.2	-11	-4	4.9	-14.1	.1	.0	.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									27.0	-1449.0	222.8	-3.4	10.5
2ND	15.50	11.5	-85.7	2660	3720	4.3	-23.0	-14	-2	15.4	-1363.3	201.0	-3.8	9.3
3RD	24.50	10.6	-49.0	1556	2160	6.8	-22.7	-11	-2	4.8	-1314.3	188.9	-3.9	8.8
4TH	33.50	10.1	-49.2	1556	2160	6.5	-22.8	-12	-2	-5.3	-1265.1	177.3	-3.9	8.2
5TH	42.50	9.1	-49.8	1582	2160	5.7	-23.0	-13	-2	-14.4	-1215.3	166.1	-3.8	7.5
6TH	50.00	3.5	-31.2	1062	1492	3.3	-20.9	-5	-1	-17.8	-1184.1	157.1	-3.7	7.3
7TH	62.50	2.0	-45.5	1332	2044	1.5	-22.3	-2	-0	-19.8	-1138.6	142.6	-3.4	7.2
8TH	75.00	1.8	-48.7	1353	2060	1.3	-23.6	-3	-0	-21.6	-1089.9	128.7	-3.2	7.1
9TH	87.50	1.3	-51.3	1353	2060	.9	-24.9	-4	-0	-22.8	-1038.6	115.4	-2.9	6.9
10TH	100.00	.8	-53.9	1353	2060	.6	-26.2	-5	-0	-23.6	-984.7	102.7	-2.6	6.6
11TH	112.50	.3	-56.6	1353	2060	.2	-27.5	-6	-0	-23.9	-928.1	90.8	-2.3	6.3
12TH	125.00	-.2	-58.6	1353	2060	-.2	-28.5	-6	0	-23.6	-869.5	79.6	-2.0	5.9
13TH	137.50	-.6	-59.1	1353	2060	-.5	-28.7	-6	0	-23.0	-810.3	69.1	-1.7	5.5
14TH	150.00	-1.0	-59.6	1353	2060	-.7	-29.0	-6	0	-22.0	-750.7	59.3	-1.4	5.2
15TH	162.50	-1.3	-60.2	1353	2060	-1.0	-29.2	-7	0	-20.7	-690.5	50.3	-1.2	4.8
16TH	175.00	-1.7	-60.7	1353	2060	-1.3	-29.4	-7	0	-19.0	-629.9	42.0	-.9	4.4
17TH	187.50	-2.1	-61.1	1353	2060	-1.5	-29.7	-7	0	-16.9	-568.8	34.5	-.7	3.9
18TH	200.00	-2.2	-61.2	1353	2060	-1.6	-29.7	-7	0	-14.7	-507.6	27.8	-.5	3.5
19TH	212.50	-2.3	-61.3	1353	2060	-1.7	-29.8	-7	0	-12.4	-446.3	21.9	-.3	3.1
20TH	225.00	-2.4	-61.4	1353	2060	-1.8	-29.8	-7	0	-10.0	-384.9	16.7	-.2	2.6
21ST	237.50	-2.5	-61.5	1353	2060	-1.8	-29.9	-7	0	-7.6	-323.3	12.2	-.1	2.2
22ND	250.00	-2.5	-61.7	1353	2060	-1.9	-29.9	-7	0	-5.0	-261.7	8.6	.0	1.8
23RD	262.50	-2.0	-52.0	1353	2060	-1.5	-25.3	-8	0	-3.0	-209.6	5.6	.1	1.3
24TH	275.00	-3.1	-55.5	1353	2060	-2.3	-26.9	-7	0	.1	-154.1	3.4	.1	.9
25TH	287.50	-2.2	-44.5	1297	2060	-1.7	-21.6	-8	0	2.3	-109.6	1.7	.1	.5
		-.2	-47.5	1260	2060	-.1	-23.0	-5	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 51.9 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	1.3	-47.5	1437	2472	.9	-19.2	-4	-0	2.5	-62.2	.6	.0	.3
ROOF	315.00	1.2	-14.6	706	1064	1.6	-13.8	-6	-0	1.2	-14.6	.1	.0	.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									22.2	-1396.0	219.7	3.1	3.1
2ND	15.50	3.3	-74.2	2660	3720	1.2	-19.9	-17	-1	18.9	-1321.8	198.6	2.7	1.8
3RD	24.50	3.4	-41.3	1556	2160	2.2	-19.1	-17	-1	15.4	-1280.5	186.9	2.6	1.1
4TH	33.50	1.9	-41.2	1556	2160	1.2	-19.1	-19	-1	13.5	-1239.3	175.6	2.5	.3
5TH	42.50	.3	-42.0	1582	2160	.2	-19.4	-20	-0	13.1	-1197.3	164.6	2.3	-.5
6TH	50.00	-.7	-29.3	1062	1492	-.7	-19.6	-7	0	13.9	-1168.0	155.7	2.2	-.7
7TH	62.50	.1	-46.1	1332	2044	.1	-22.6	1	0	13.8	-1121.9	141.4	2.1	-.7
8TH	75.00	.2	-48.5	1353	2060	.1	-23.5	0	0	13.6	-1073.5	127.7	1.9	-.7
9TH	87.50	.2	-50.4	1353	2060	.1	-24.5	0	0	13.5	-1023.1	114.6	1.7	-.7
10TH	100.00	.2	-52.3	1353	2060	.1	-25.4	-0	-0	13.3	-970.7	102.2	1.6	-.7
11TH	112.50	.2	-54.3	1353	2060	.2	-26.4	-0	-0	13.1	-916.4	90.4	1.4	-.7
12TH	125.00	.2	-55.9	1353	2060	.2	-27.1	-1	-0	12.8	-860.5	79.3	1.2	-.7
13TH	137.50	.4	-56.8	1353	2060	.3	-27.6	-0	-0	12.4	-803.7	68.8	1.1	-.8
14TH	150.00	.5	-57.7	1353	2060	.4	-28.0	-0	-0	11.9	-746.0	59.2	.9	-.8
15TH	162.50	.7	-58.6	1353	2060	.5	-28.5	0	0	11.2	-687.4	50.2	.8	-.7
16TH	175.00	.8	-59.5	1353	2060	.6	-28.9	1	0	10.4	-627.8	42.0	.6	-.7
17TH	187.50	1.0	-60.4	1353	2060	.7	-29.3	1	0	9.4	-567.5	34.5	.5	-.7
18TH	200.00	1.0	-60.6	1353	2060	.7	-29.4	1	0	8.4	-506.9	27.8	.4	-.6
19TH	212.50	1.0	-60.9	1353	2060	.7	-29.6	1	0	7.4	-446.0	21.6	.3	-.5
20TH	225.00	1.0	-61.2	1353	2060	.7	-29.7	1	0	6.4	-384.8	16.7	.2	-.4
21ST	237.50	1.0	-61.4	1353	2060	.7	-29.8	2	0	5.5	-323.3	12.2	.1	-.4
22ND	250.00	1.0	-61.7	1353	2060	.7	-30.0	2	0	4.5	-261.6	8.6	.1	-.3
23RD	262.50	1.2	-52.1	1353	2060	.9	-25.3	1	0	3.3	-209.5	5.6	.0	-.2
24TH	275.00	1.6	-55.9	1353	2060	1.2	-27.1	1	0	1.7	-153.7	3.4	.0	-.1
25TH	287.50	1.3	-44.4	1297	2060	1.0	-21.5	2	0	.4	-109.3	1.7	.0	-.1
		.7	-47.3	1260	2060	.6	-23.0	1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	.1	-47.2	1437	2472	.1	-19.1	0	0	-.3	-62.0	.6	-.0	.0
ROOF	315.00	-.4	-14.8	706	1064	-.6	-13.9	-2	0	-.4	-14.8	.1	-.0	.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-90.8	-1346.1	216.6	-10.3	-3.7
2ND	15.50	-8.8	-64.4	2660	3720	-3.3	-17.3	-24	3	-82.0	-1281.7	196.2	-9.0	-5.3
3RD	24.50	-6.5	-35.1	1556	2160	-4.2	-16.2	-25	5	-75.5	-1246.6	184.9	-8.3	-6.2
4TH	33.50	-5.8	-34.8	1556	2160	-3.7	-16.1	-24	4	-69.7	-1211.8	173.8	-7.6	-7.1
5TH	42.50	-5.6	-35.4	1582	2160	-3.5	-16.4	-21	3	-64.1	-1176.4	163.1	-7.0	-7.8
6TH	50.00	-3.9	-26.8	1062	1492	-3.7	-18.0	-5	1	-60.2	-1149.6	154.3	-6.5	-8.0
7TH	62.50	-6.2	-45.9	1332	2044	-4.6	-22.4	3	-0	-54.0	-1103.7	140.3	-5.8	-7.9
8TH	75.00	-5.7	-47.9	1353	2060	-4.2	-23.3	3	-0	-48.3	-1055.8	126.8	-5.2	-7.7
9TH	87.50	-5.2	-49.2	1353	2060	-3.8	-23.9	4	-0	-43.1	-1006.6	113.9	-4.6	-7.5
10TH	100.00	-4.6	-50.5	1353	2060	-3.4	-24.5	5	-0	-38.5	-956.0	101.6	-4.1	-7.3
11TH	112.50	-4.0	-51.8	1353	2060	-3.0	-25.2	5	-0	-34.5	-904.2	90.0	-3.7	-7.0
12TH	125.00	-3.5	-53.2	1353	2060	-2.6	-25.8	6	-0	-31.0	-851.0	79.0	-3.3	-6.7
13TH	137.50	-3.1	-54.4	1353	2060	-2.3	-26.4	6	-0	-27.9	-796.6	68.7	-2.9	-6.4
14TH	150.00	-2.7	-55.7	1353	2060	-2.0	-27.1	7	-0	-25.2	-740.8	59.1	-2.6	-6.0
15TH	162.50	-2.4	-57.0	1353	2060	-1.8	-27.7	7	-0	-22.8	-683.8	50.2	-2.3	-5.6
16TH	175.00	-2.0	-58.3	1353	2060	-1.5	-28.3	7	-0	-20.8	-625.5	42.0	-2.0	-5.2
17TH	187.50	-1.7	-59.5	1353	2060	-1.2	-28.9	8	-0	-19.1	-566.9	34.6	-1.7	-4.7
18TH	200.00	-1.4	-59.9	1353	2060	-1.0	-29.1	8	-0	-17.7	-506.1	27.9	-1.5	-4.2
19TH	212.50	-1.2	-60.3	1353	2060	-.9	-29.3	8	-0	-16.5	-445.8	21.9	-1.3	-3.7
20TH	225.00	-1.0	-60.7	1353	2060	-.7	-29.5	8	-0	-15.6	-385.1	16.7	-1.1	-3.2
21ST	237.50	-.8	-61.1	1353	2060	-.6	-29.7	8	-0	-14.8	-324.0	12.3	-.9	-2.7
22ND	250.00	-.6	-61.5	1353	2060	-.4	-29.8	9	-0	-14.2	-262.6	8.6	-.7	-2.2
23RD	262.50	-1.2	-52.4	1353	2060	-.9	-25.4	8	-0	-13.1	-210.2	5.7	-.5	-1.8
24TH	275.00	-.1	-55.6	1353	2060	-.1	-27.0	8	-0	-13.0	-154.5	3.4	-.4	-1.3
25TH	287.50	-1.2	-44.5	1297	2060	-1.0	-21.6	11	-0	-11.7	-110.0	1.7	-.2	-.8
		-3.4	-47.0	1260	2060	-2.7	-22.8	8	-1					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1 32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-5.3	-47.7	1437	2472	-3.7	-19.3	7	-1	-8.4	-63.0	.7	-.1	-.4
ROOF	315.00	-3.1	-15.3	706	1064	-4.4	-14.4	6	-1	-3 1	-15 3	.1	-.0	-.1
TOP	324.00									0.0	0.0	0 0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA WITH WIND DIRECTIONALITY
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-19.5	-71.4	2660	3720	-7.3	-19.2	-29	8	-381.9	-1364.5	215.0	-62.8	-4.4
2ND	15.50													
		-15.7	-39.8	1556	2160	-10.1	-18.4	-30	12	-362.4	-1293.1	194.4	-57.1	-6.7
3RD	24.50													
		-14.6	-39.2	1556	2160	-9.4	-18.2	-28	10	-346.7	-1253.4	183.0	-53.9	-8.1
4TH	33.50													
		-13.2	-38.8	1582	2160	-8.3	-18.0	-26	9	-332.2	-1214.1	171.9	-50.8	-9.3
5TH	42.50													
		-7.2	-28.4	1062	1492	-6.8	-19.1	-8	2	-319.0	-1175.3	161.1	-47.9	-10.4
6TH	50.00													
		-9.2	-47.8	1332	2044	-6.9	-23.4	5	-1	-311.7	-1146.9	152.4	-45.5	-10.7
7TH	62.50													
		-10.2	-50.2	1353	2060	-7.6	-24.4	5	-1	-302.5	-1099.1	138.4	-41.7	-10.4
8TH	75.00													
		-11.0	-51.3	1353	2060	-8.2	-24.9	6	-1	-292.3	-1048.9	124.9	-38.0	-10.1
9TH	87.50													
		-11.9	-52.3	1353	2060	-8.8	-25.4	6	-1	-281.2	-997.6	112.2	-34.4	-9.8
10TH	100.00													
		-12.7	-53.4	1353	2060	-9.4	-25.9	7	-2	-269.4	-945.3	100.0	-30.9	-9.4
11TH	112.50													
		-13.5	-54.3	1353	2060	-10.0	-26.4	7	-2	-256.7	-891.9	88.5	-27.7	-9.0
12TH	125.00													
		-13.9	-55.0	1353	2060	-10.3	-26.7	8	-2	-243.2	-837.6	77.7	-24.5	-8.6
13TH	137.50													
		-14.2	-55.7	1353	2060	-10.5	-27.0	8	-2	-229.3	-782.6	67.6	-21.6	-8.2
14TH	150.00													
		-14.6	-56.3	1353	2060	-10.8	-27.3	8	-2	-215.1	-727.0	58.2	-18.8	-7.7
15TH	162.50													
		-14.9	-57.0	1353	2060	-11.0	-27.7	8	-2	-200.5	-670.6	49.4	-16.2	-7.3
16TH	175.00													
		-15.2	-57.6	1353	2060	-11.3	-28.0	8	-2	-185.6	-613.6	41.4	-13.8	-6.8
17TH	187.50													
		-15.4	-58.1	1353	2060	-11.4	-28.2	8	-2	-170.4	-556.0	34.1	-11.6	-6.3
18TH	200.00													
		-15.4	-58.7	1353	2060	-11.4	-28.5	9	-2	-155.0	-497.9	27.5	-9.5	-5.8
19TH	212.50													
		-15.5	-59.2	1353	2060	-11.4	-28.7	9	-2	-139.6	-439.2	21.6	-7.7	-5.2
20TH	225.00													
		-15.5	-59.7	1353	2060	-11.5	-29.0	9	-2	-124.1	-380.0	16.5	-6.0	-4.7
21ST	237.50													
		-15.5	-60.3	1353	2060	-11.5	-29.3	9	-2	-108.6	-320.3	12.1	-4.6	-4.1
22ND	250.00													
		-16.7	-52.6	1353	2060	-12.3	-25.5	10	-3	-93.1	-260.0	8.5	-3.3	-3.5
23RD	262.50													
		-16.2	-54.6	1353	2060	-12.0	-26.5	10	-3	-76.4	-207.4	5.6	-2.3	-2.9
24TH	275.00													
		-16.2	-44.6	1297	2060	-12.5	-21.7	14	-5	-60.3	-152.8	3.3	-1.4	-2.4
25TH	287.50													
		-16.7	-45.8	1260	2060	-13.3	-22.2	13	-5	-44.1	-108.2	1.7	-.8	-1.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR. CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-18.5	-47.1	1437	2472	-12.9	-19.0	14	-5	-27.4	-62.4	.7	-.3	-1.0
ROOF	315.00	-8.9	-15.3	706	1064	-12.5	-14.4	11	-7	-8.9	-15.3	.1	-.0	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA WITH WIND DIRECTIONALITY
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-491 0	-1023.3	159.0	-82.2	-.2
2ND	15.50	-22.5	-58.2	2660	3720	-8.4	-15 6	-30	12	-468.5	-965.1	143.6	-74.8	-2.2
3RD	24.50	-15.7	-32.4	1556	2160	-10.1	-15.0	-32	15	-452.9	-932.7	135.0	-70.6	-3.5
4TH	33.50	-15 5	-32.4	1556	2160	-10.0	-15 0	-32	16	-437.4	-900.3	126.8	-66.6	-4.8
5TH	42 50	-15 4	-33.0	1582	2160	-9 8	-15.3	-32	15	-421 9	-867.3	118.8	-62.8	-6.1
6TH	50.00	-9.8	-23.7	1062	1492	-9.2	-15.9	-14	6	-412.1	-843.6	112.4	-59.6	-6.5
7TH	62 50	-13.6	-37.9	1332	2044	-10.2	-18 6	3	-1	-398.5	-805.6	102.1	-54.6	-6.4
8TH	75.00	-14 4	-38 9	1353	2060	-10.7	-18.9	3	-1	-384.1	-766.8	92.3	-49.7	-6.2
9TH	87.50	-15.0	-38.7	1353	2060	-11.1	-18.8	3	-1	-369 0	-728.0	82.9	-45.0	-6.1
10TH	100.00	-15.6	-38 6	1353	2060	-11 5	-18 8	4	-1	-353.4	-689.4	74 1	-40.4	-5.9
11TH	112.50	-16 2	-38.5	1353	2060	-12.0	-18.7	4	-2	-337.2	-650.9	65.7	-36.1	-5.7
12TH	125.00	-16 8	-38.5	1353	2060	-12 4	-18 7	4	-2	-320.3	-612 4	57 8	-32.0	-5 5
13TH	137.50	-17.6	-39.0	1353	2060	-13 0	-19.0	4	-2	-302.7	-573.3	50.4	-28.1	-5.3
14TH	150.00	-18 3	-39.6	1353	2060	-13.5	-19.2	4	-2	-284.4	-533.7	43.5	-24 5	-5 1
15TH	162.50	-19.1	-40.1	1353	2060	-14.1	-19.5	4	-2	-265.3	-493.6	37.0	-21.0	-4 9
16TH	175.00	-19 8	-40.7	1353	2060	-14.7	-19 7	4	-2	-245.5	-452.9	31.1	-17.8	-4.7
17TH	187.50	-20.6	-41.2	1353	2060	-15.2	-20.0	4	-2	-224.9	-411.8	25 7	-14.9	-4.5
18TH	200.00	-20.9	-41.7	1353	2060	-15 5	-20.2	5	-2	-204 0	-370.1	20.8	-12.2	-4.2
19TH	212.50	-21 1	-42.2	1353	2060	-15 6	-20 5	5	-2	-182 9	-327 9	16 5	-9.8	-4 0
20TH	225.00	-21.3	-42.7	1353	2060	-15.7	-20 7	5	-3	-161 6	-285.2	12.6	-7.6	-3 7
21ST	237.50	-21.4	-43.3	1353	2060	-15.8	-21 0	6	-3	-140.2	-242 0	9 3	-5 7	-3.4
22ND	250.00	-21.6	-43.8	1353	2060	-16.0	-21.3	6	-3	-118.6	-198.2	6.6	-4.1	-3.1
23RD	262.50	-22.1	-39.2	1353	2060	-16 3	-19 0	8	-4	-96.6	-159.0	4.4	-2.8	-2.7
24TH	275.00	-22 1	-40.7	1353	2060	-16 3	-19.8	8	-4	-74.5	-118 3	2 6	-1.7	-2.2
25TH	287.50	-21.1	-34.3	1297	2060	-16.3	-16.6	12	-8	-53.4	-84.0	1.4	-.9	-1.7
		-20.5	-34 2	1260	2060	-16 2	-16 6	14	-8					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA WITH WIND DIRECTIONALITY
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-22.1	-36.5	1437	2472	-15.4	-14.8	15	-9	-33.0	-49.8	5	-.4	-1.0
ROOF	315.00	-10.9	-13.3	706	1064	-15.4	-12.5	11	-9	-10.9	-13.3	.1	-.0	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1 32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-552.2	-965.9	150.2	-92.3	1.3
2ND	15.50	-25.2	-51.4	2660	3720	-9.5	-13.8	-32	16	-527.0	-914.5	135.6	-83.9	-.7
3RD	24.50	-17.1	-28.0	1556	2160	-11.0	-12.9	-35	21	-510.0	-886.6	127.5	-79.2	-2.1
4TH	33.50	-16.5	-27.9	1556	2160	-10.6	-12.9	-37	22	-493.5	-858.6	119.6	-74.7	-3.4
5TH	42.50	-16.5	-29.4	1582	2160	-10.4	-13.6	-36	20	-477.0	-829.3	112.0	-70.4	-4.8
6TH	50.00	-10.9	-23.5	1062	1492	-10.2	-15.7	-16	7	-466.1	-805.8	105.9	-66.8	-5.3
7TH	62.50	-15.7	-38.8	1332	2044	-11.8	-19.0	1	-1	-450.4	-767.0	96.1	-61.1	-5.2
8TH	75.00	-16.6	-39.1	1353	2060	-12.3	-19.0	2	-1	-433.8	-727.9	86.7	-55.6	-5.2
9TH	87.50	-17.4	-38.5	1353	2060	-12.8	-18.7	2	-1	-416.4	-689.4	77.9	-50.3	-5.1
10TH	100.00	-18.2	-38.0	1353	2060	-13.4	-18.4	2	-1	-398.2	-651.5	69.5	-45.2	-5.0
11TH	112.50	-18.9	-37.4	1353	2060	-14.0	-18.2	2	-1	-379.3	-614.0	61.6	-40.3	-4.9
12TH	125.00	-19.7	-37.2	1353	2060	-14.6	-18.0	2	-1	-359.6	-576.9	54.2	-35.7	-4.8
13TH	137.50	-20.3	-37.6	1353	2060	-15.0	-18.3	2	-1	-339.3	-539.2	47.2	-31.3	-4.7
14TH	150.00	-20.9	-38.1	1353	2060	-15.5	-18.5	3	-1	-318.3	-501.1	40.7	-27.2	-4.5
15TH	162.50	-21.5	-38.6	1353	2060	-15.9	-18.7	3	-2	-296.8	-462.5	34.7	-23.4	-4.4
16TH	175.00	-22.1	-39.1	1353	2060	-16.3	-19.0	3	-2	-274.7	-423.5	29.1	-19.8	-4.2
17TH	187.50	-22.7	-39.5	1353	2060	-16.8	-19.2	3	-2	-252.0	-384.0	24.1	-16.5	-4.1
18TH	200.00	-23.2	-39.5	1353	2060	-17.1	-19.2	4	-2	-228.8	-344.5	19.5	-13.5	-3.9
19TH	212.50	-23.7	-39.6	1353	2060	-17.5	-19.2	4	-2	-205.2	-304.9	15.5	-10.8	-3.7
20TH	225.00	-24.1	-39.6	1353	2060	-17.8	-19.2	4	-2	-181.9	-265.3	11.9	-8.4	-3.4
21ST	237.50	-24.6	-39.7	1353	2060	-18.2	-19.3	4	-3	-156.5	-225.6	8.8	-6.3	-3.2
22ND	250.00	-25.0	-39.7	1353	2060	-18.5	-19.3	4	-3	-131.4	-185.8	6.3	-4.5	-3.0
23RD	262.50	-25.3	-37.3	1353	2060	-18.7	-18.1	8	-5	-106.2	-148.5	4.2	-3.0	-2.5
24TH	275.00	-25.4	-37.3	1353	2060	-18.8	-18.1	7	-5	-80.8	-111.2	2.5	-1.8	-2.1
25TH	287.50	-23.9	-31.5	1297	2060	-18.4	-15.3	11	-8	-56.8	-79.7	1.3	-1.0	-1.6
		-22.6	-30.6	1260	2060	-17.9	-14.8	14	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-23.5	-34.6	1437	2472	-16.4	-14.0	15	-10	-34.2	-49.1	.5	-.4	-1.0
ROOF	315.00	-10.7	-14.5	706	1064	-15.1	-13.7	9	-7	-10.7	-14.5	.1	-.0	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-563.8	-739.3	116 6	-95.4	3.6
2ND	15.50	-25.8	-44.0	2660	3720	-9.7	-11.8	-30	17	-538.0	-695.2	105.5	-86.9	1.8
3RD	24.50	-15.8	-23.1	1556	2160	-10.1	-10 7	-31	21	-522 2	-672.2	99.3	-82.1	.8
4TH	33.50	-16 0	-22.6	1556	2160	-10 3	-10.5	-36	26	-506.2	-649.6	93.4	-77.5	- 5
5TH	42.50	-17.1	-23.4	1582	2160	-10.8	-10.8	-38	28	-489.1	-626.2	87.6	-73.0	-1.8
6TH	50.00	-11.3	-17.5	1062	1492	-10 6	-11.7	-20	13	-477 8	-608.6	83 0	-69.4	-2.3
7TH	62.50	-14.8	-27.6	1332	2044	-11.1	-13 5	1	-0	-463 0	-581.0	75.6	-63.5	-2.3
8TH	75.00	-16.1	-27.7	1353	2060	-11 9	-13 5	1	-0	-446.9	-553.3	68.5	-57.8	-2.3
9TH	87.50	-17.1	-27.2	1353	2060	-12.7	-13.2	0	-0	-429 8	-526.1	61 7	-52.3	-2.3
10TH	100.00	-18.2	-26.7	1353	2060	-13.5	-13.0	-0	0	-411 6	-499.4	55.3	-47.1	-2.3
11TH	112.50	-19.3	-26.2	1353	2060	-14.3	-12.7	-1	0	-392.2	-473.1	49.3	-42.0	-2.3
12TH	125.00	-20.4	-26.0	1353	2060	-15 1	-12 6	-1	1	-371.8	-447.1	43.5	-37.3	-2.3
13TH	137.50	-20.9	-26.7	1353	2060	-15 5	-13.0	-1	1	-350.9	-420.4	38.1	-32.7	-2.4
14TH	150.00	-21.4	-27.4	1353	2060	-15.8	-13.3	-1	1	-329.5	-393.0	33.0	-28.5	-2.4
15TH	162.50	-21.9	-28.0	1353	2060	-16.2	-13 6	-1	0	-307.6	-365.0	28.3	-24.5	-2.4
16TH	175.00	-22.4	-28.7	1353	2060	-16.5	-13 9	-0	0	-285 3	-336.3	23.9	-20.8	-2.4
17TH	187.50	-22.8	-29.3	1353	2060	-16.9	-14 2	-0	0	-262.5	-307.0	19.9	-17.4	-2.5
18TH	200.00	-23.4	-29.6	1353	2060	-17.3	-14.4	0	-0	-239.1	-277.4	16 2	-14.2	-2.5
19TH	212.50	-24 0	-30 0	1353	2060	-17.7	-14 6	0	-0	-215 1	-247.4	12.9	-11.4	-2.4
20TH	225.00	-24 6	-30.4	1353	2060	-18 1	-14.7	1	-1	-190.5	-217.1	10 0	-8.9	-2.4
21ST	237.50	-25.1	-30 7	1353	2060	-18.6	-14.9	1	-1	-165.4	-186.4	7 5	-6.6	-2.3
22ND	250.00	-25 7	-31 1	1353	2060	-19 0	-15.1	2	-1	-139 7	-155.3	5.4	-4.7	-2.2
23RD	262.50	-26.3	-30.1	1353	2060	-19.5	-14.6	6	-5	-113.3	-125.1	3.6	-3.2	-1.9
24TH	275.00	-27.3	-29.1	1353	2060	-20.2	-14.1	5	-4	-86 1	-96.0	2.2	-1.9	-1.7
25TH	287.50	-26 0	-26.4	1297	2060	-20.1	-12 8	8	-8	-60.0	-69.6	1.2	-1.0	-1.3
		-24.3	-26.1	1260	2060	-19.3	-12.7	11	-10					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-24.9	-30.5	1437	2472	-17.3	-12.3	12	-10	-35.8	-43.6	.5	-.4	-.8
ROOF	315.00	-10.9	-13.1	706	1064	-15.4	-12.3	7	-6	-10.9	-13.1	.1	-.0	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR. CHATTANOOGA. WITH WIND DIRECTIONALITY
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PPESSURE (PSF) X	PPESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
2ND	15.50	-18.0	-30.2	2660	3720	-6.8	-8.1	-31	18	-467.2	-597.4	95.2	-84.8	3.0
3RD	24.50	-10.9	-16.2	1556	2160	-7.0	-7.5	-33	22	-449.2	-567.2	86.2	-77.7	1.7
4TH	33.50	-10.4	-16.2	1556	2160	-6.7	-7.5	-37	23	-438.3	-551.0	81.2	-73.7	.9
5TH	42.50	-10.9	-17.9	1582	2160	-6.9	-8.3	-36	22	-427.9	-534.7	76.3	-69.8	.1
6TH	50.00	-7.7	-14.4	1062	1492	-7.2	-9.6	-18	10	-417.0	-516.9	71.6	-66.0	-.8
7TH	62.50	-11.8	-22.6	1332	2044	-8.8	-11.0	0	-0	-409.3	-502.5	67.8	-62.9	-1.1
8TH	75.00	-12.5	-23.2	1353	2060	-9.2	-11.2	1	-0	-397.5	-479.9	61.6	-57.9	-1.1
9TH	87.50	-12.9	-23.0	1353	2060	-9.6	-11.2	1	-0	-385.0	-456.8	55.8	-53.0	-1.1
10TH	100.00	-13.4	-22.9	1353	2060	-9.9	-11.1	0	-0	-372.1	-433.7	50.2	-48.2	-1.1
11TH	112.50	-13.8	-22.8	1353	2060	-10.2	-11.1	0	-0	-358.7	-410.8	44.9	-43.7	-1.1
12TH	125.00	-14.2	-22.9	1353	2060	-10.5	-11.1	0	-0	-345.0	-388.0	39.9	-39.3	-1.1
13TH	137.50	-14.9	-23.2	1353	2060	-11.0	-11.3	-0	0	-330.8	-365.1	35.2	-35.1	-1.0
14TH	150.00	-15.7	-23.6	1353	2060	-11.6	-11.4	-1	0	-315.8	-341.9	30.8	-31.0	-1.1
15TH	162.50	-16.5	-23.9	1353	2060	-12.2	-11.6	-1	1	-300.1	-318.3	26.7	-27.2	-1.1
16TH	175.00	-17.3	-24.2	1353	2060	-12.8	-11.8	-1	1	-283.6	-294.4	22.8	-23.5	-1.1
17TH	187.50	-18.0	-24.5	1353	2060	-13.3	-11.9	-2	1	-266.4	-270.2	19.3	-20.1	-1.2
18TH	200.00	-19.3	-24.3	1353	2060	-14.3	-11.8	-2	1	-248.4	-245.7	16.1	-16.9	-1.2
19TH	212.50	-20.8	-24.0	1353	2060	-15.3	-11.7	-2	2	-229.1	-221.4	13.2	-13.9	-1.3
20TH	225.00	-22.2	-23.8	1353	2060	-16.4	-11.5	-2	2	-208.3	-197.4	10.5	-11.1	-1.4
21ST	237.50	-23.7	-23.5	1353	2060	-17.5	-11.4	-2	2	-186.1	-173.7	8.2	-8.7	-1.5
22ND	250.00	-25.1	-23.3	1353	2060	-18.6	-11.3	-2	2	-162.4	-150.2	6.2	-6.5	-1.5
23RD	262.50	-26.0	-24.1	1353	2060	-19.2	-11.7	4	-4	-137.3	-126.9	4.5	-4.6	-1.6
24TH	275.00	-26.9	-22.8	1353	2060	-19.9	-11.1	3	-4	-111.2	-102.8	3.0	-3.1	-1.4
25TH	287.50	-25.7	-21.0	1297	2060	-19.8	-10.2	5	-7	-84.3	-80.0	1.9	-1.9	-1.3
		-24.2	-21.1	1260	2060	-19.2	-10.2	8	-9	-58.6	-59.0	1.0	-1.0	-1.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-24.5	-26.5	1437	2472	-17.0	-10.7	10	-9	-34.5	-37.9	.4	-.4	-.6
ROOF	315.00	-10.0	-11.4	706	1064	-14.1	-10.7	6	-6	-10.0	-11.4	.1	-.0	-.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-498.2	-496.6	78.5	-91.3	6.3
2ND	15.50	-16.1	-22.4	2660	3720	-6.1	-6.0	-34	24	-482.1	-474.1	70.9	-83.7	5.1
3RD	24.50	-9.2	-12.6	1556	2160	-5.9	-5.8	-35	26	-472.9	-461.5	66.7	-79.4	4.4
4TH	33.50	-7.4	-13.5	1556	2160	-4.7	-6.3	-39	21	-465.5	-448.0	62.6	-75.2	3.7
5TH	42.50	-7.6	-16.7	1582	2160	-4.8	-7.7	-32	14	-457.9	-431.3	58.7	-71.1	3.1
6TH	50.00	-6.0	-13.7	1062	1492	-5.6	-9.2	-13	6	-452.0	-417.7	55.5	-67.6	2.9
7TH	62.50	-11.2	-20.8	1332	2044	-8.4	-10.2	-1	1	-440.8	-396.8	50.4	-62.1	2.9
8TH	75.00	-12.6	-21.4	1353	2060	-9.3	-10.4	-2	1	-428.2	-375.5	45.6	-56.6	2.8
9TH	87.50	-13.7	-21.0	1353	2060	-10.1	-10.2	-3	2	-414.5	-354.5	41.0	-51.4	2.7
10TH	100.00	-14.8	-20.5	1353	2060	-10.9	-10.0	-4	3	-399.7	-334.0	36.7	-46.3	2.6
11TH	112.50	-15.9	-20.1	1353	2060	-11.8	-9.7	-5	4	-383.8	-313.9	32.7	-41.4	2.5
12TH	125.00	-17.1	-19.8	1353	2060	-12.6	-9.6	-6	5	-366.7	-294.2	28.9	-36.7	2.2
13TH	137.50	-18.2	-19.6	1353	2060	-13.5	-9.5	-6	6	-348.5	-274.6	25.3	-32.2	2.0
14TH	150.00	-19.4	-19.4	1353	2060	-14.3	-9.4	-7	7	-329.1	-255.3	22.0	-28.0	1.7
15TH	162.50	-20.6	-19.1	1353	2060	-15.2	-9.3	-7	8	-308.6	-236.1	18.9	-24.0	1.4
16TH	175.00	-21.7	-18.9	1353	2060	-16.1	-9.2	-8	9	-286.8	-217.2	16.1	-20.3	1.1
17TH	187.50	-22.9	-18.7	1353	2060	-16.9	-9.1	-8	9	-263.9	-198.4	13.5	-16.8	.8
18TH	200.00	-24.0	-18.4	1353	2060	-17.7	-9.0	-7	10	-239.9	-180.0	11.1	-13.7	.4
19TH	212.50	-25.0	-18.2	1353	2060	-18.5	-8.8	-7	10	-214.9	-161.8	9.0	-10.8	.0
20TH	225.00	-26.1	-18.0	1353	2060	-19.3	-8.7	-7	10	-188.8	-143.8	7.1	-8.3	-.3
21ST	237.50	-27.1	-17.7	1353	2060	-20.0	-8.6	-6	10	-161.7	-126.1	5.4	-6.1	-.7
22ND	250.00	-28.1	-17.5	1353	2060	-20.8	-8.5	-6	10	-133.6	-108.7	3.9	-4.3	-1.1
23RD	262.50	-28.0	-20.3	1353	2060	-20.7	-9.8	0	-1	-105.6	-88.4	2.7	-2.8	-1.1
24TH	275.00	-27.7	-18.2	1353	2060	-20.5	-8.8	0	-0	-77.9	-70.2	1.7	-1.6	-1.1
25TH	287.50	-25.4	-17.2	1297	2060	-19.6	-8.4	3	-4	-52.5	-53.0	.9	-.8	-.9
		-22.8	-18.0	1260	2060	-18.1	-8.8	6	-8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-21.7	-24.5	1437	2472	-15.1	-9.9	11	-9	-29.7	-34.9	.4	-.3	-.6
ROOF	315.00	-8.0	-10.5	706	1064	-11.3	-9.8	8	-6	-8.0	-10.5	.0	-.0	-.1
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-376.1	-371.9	64.3	-68.3	2.8
2ND	15.50	-12.9	-13.1	2660	3720	-4.8	-3.5	-32	32	-363.2	-358.7	58.6	-62.6	2.0
3RD	24.50	-6.5	-7.2	1556	2160	-4.2	-3.3	-35	31	-356.7	-351.6	55.4	-59.3	1.5
4TH	33.50	-5.2	-7.9	1556	2160	-3.3	-3.7	-40	26	-351.6	-343.7	52.3	-56.1	1.1
5TH	42.50	-5.3	-10.4	1582	2160	-3.3	-4.8	-29	15	-346.3	-333.3	49.2	-53.0	.7
6TH	50.00	-4.1	-8.5	1062	1492	-3.9	-5.7	-14	7	-342.2	-324.8	46.8	-50.4	.6
7TH	62.50	-8.2	-12.9	1332	2044	-6.2	-6.3	-3	2	-334.0	-311.9	42.8	-46.2	.5
8TH	75.00	-9.6	-13.5	1353	2060	-7.1	-6.6	-3	2	-324.4	-298.3	39.0	-42.1	.4
9TH	87.50	-10.6	-13.4	1353	2060	-7.8	-6.5	-4	3	-313.8	-285.0	35.3	-38.1	.3
10TH	100.00	-11.7	-13.3	1353	2060	-8.6	-6.4	-5	5	-302.1	-271.7	31.9	-34.2	.2
11TH	112.50	-12.7	-13.1	1353	2060	-9.4	-6.4	-6	6	-289.4	-258.6	28.5	-30.5	.1
12TH	125.00	-13.7	-13.1	1353	2060	-10.2	-6.4	-7	7	-275.6	-245.5	25.4	-27.0	-.1
13TH	137.50	-14.6	-13.4	1353	2060	-10.8	-6.5	-6	7	-261.1	-232.0	22.4	-23.7	-.3
14TH	150.00	-15.4	-13.7	1353	2060	-11.4	-6.7	-6	7	-245.7	-218.3	19.6	-20.5	-.5
15TH	162.50	-16.2	-14.1	1353	2060	-12.0	-6.8	-6	7	-229.5	-204.3	17.0	-17.5	-.7
16TH	175.00	-17.0	-14.4	1353	2060	-12.6	-7.0	-6	7	-212.4	-189.9	14.5	-14.8	-.9
17TH	187.50	-17.8	-14.7	1353	2060	-13.2	-7.1	-5	7	-194.6	-175.2	12.2	-12.2	-1.1
18TH	200.00	-18.5	-14.9	1353	2060	-13.7	-7.2	-5	6	-176.1	-160.3	10.1	-9.9	-1.3
19TH	212.50	-19.2	-15.0	1353	2060	-14.2	-7.3	-4	6	-156.9	-145.3	8.2	-7.8	-1.4
20TH	225.00	-19.8	-15.2	1353	2060	-14.6	-7.4	-4	5	-137.1	-130.0	6.5	-6.0	-1.6
21ST	237.50	-20.4	-15.4	1353	2060	-15.1	-7.5	-3	4	-116.7	-114.7	4.9	-4.4	-1.7
22ND	250.00	-21.1	-15.5	1353	2060	-15.6	-7.5	-3	4	-95.6	-99.1	3.6	-3.1	-1.9
23RD	262.50	-20.4	-18.1	1353	2060	-15.1	-8.8	4	-5	-75.2	-81.0	2.5	-2.0	-1.7
24TH	275.00	-19.8	-16.2	1353	2060	-14.6	-7.8	4	-5	-55.4	-64.8	1.6	-1.2	-1.5
25TH	287.50	-18.0	-15.9	1297	2060	-13.8	-7.7	9	-10	-37.5	-48.9	.9	-.6	-1.2
		-16.1	-16.4	1260	2060	-12.8	-8.0	13	-13					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-21.3	-32.5	.4	-.2	-.8
		-15 4	-23.0	1437	2472	-10 7	-9.3	18	-12					
ROOF	315.00									-6.0	-9.5	.0	-.0	-.2
		-6.0	-9.5	706	1064	-8.4	-8.9	14	-9					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 UNITED AMERICAN CNTR, CHATTANOOGA, WITH WIND DIRECTIONALITY
PROJECT 5410 CONFIGURATION A
SCALE = 300 REF. PRESSURE = 51.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50
NUMBER OF SIDES = 4 NO. OF FLOORS = 27

SIDE	ANGLE	Z-AXIS
1	0.0	1.971
2	90.0	4.120
3	180.0	5.260
4	270.0	5.480

FLOOR #	LABEL	HEIGHT-FT	WIND AZIMUTH	LOAD FACTOR
1	GRND	15.50	0	.49
2	2ND	9.00	10	.49
3	3RD	9.00	20	.49
4	4TH	9.00	30	.49
5	5TH	7.50	40	.49
6	6TH	12.50	50	.49
7	7TH	12.50	60	.49
8	8TH	12.50	70	.49
9	9TH	12.50	80	.49
10	10TH	12.50	90	.49
11	11TH	12.50	100	.49
12	12TH	12.50	110	.49
13	13TH	12.50	120	.49
14	14TH	12.50	130	.49
15	15TH	12.50	140	.49
16	16TH	12.50	150	.49
17	17TH	12.50	160	.49
18	18TH	12.50	170	.49
19	19TH	12.50	180	.49
20	20TH	12.50	190	.49
21	21ST	12.50	200	.49
22	22ND	12.50	210	.49
23	23RD	12.50	220	.49
24	24TH	12.50	230	.49
25	25TH	12.50	240	.49
26	26TH	15.00	250	.59
27	ROOF	9.00	260	.59
			270	.59
			280	.59
			290	.59
			300	.49
			310	.49
			320	.49
			330	.49
			340	.49
			350	.49

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
CONFIGURATION A REFERENCE PRESSURE 51.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-646.0	-139.6	31.1	-120.4	10.6	-3	16
10	-553.1	373.1	-57.5	-103.4	16.4	14	20
20	-874.2	840.6	-128.8	-148.7	26.6	15	16
30	-1254.5	1248.9	-189.5	-200.1	39.8	16	16
40	-1223.2	1643.3	-258.7	-187.7	44.4	17	13
50	-832.6	1990.8	-323.6	-124.7	39.5	17	7
60	-436.3	2275.4	-375.8	-53.4	34.5	15	3
70	-.9	2409.2	-415.4	8.0	15.7	7	0
80	61.6	2543.8	-439.5	9.0	-.1	-0	0
90	13.2	2572.0	-438.2	-1.7	-13.3	-5	0
100	13.3	2594.9	-433.7	-10.4	-27.8	-11	0
110	46.2	2458.2	-400.9	-9.4	-39.9	-16	0
120	461.1	2168.8	-350.5	60.0	-48.1	-21	5
130	914.9	1821.9	-290.3	138.9	-51.3	-22	11
140	1036.1	1441.9	-230.1	168.6	-43.1	-20	14
150	1191.1	978.4	-151.1	199.8	-35.5	-15	18
160	1139.2	373.1	-52.7	194.1	-23.4	-6	19
170	860.1	-119.2	30.2	151.7	-11.7	2	13
180	613.2	-693.6	118.8	117.8	3.0	-2	-2
190	581.7	-1104.9	175.3	113.7	10.9	-8	-4
200	1346.1	-1406.5	208.4	220.0	-15.9	6	6
210	1444.4	-1646.6	250.1	226.0	-11.6	4	3
220	1374.5	-1902.1	290.4	214.0	-1.9	1	0
230	1169.4	-2093.8	320.2	184.0	6.9	-2	-1
240	801.0	-2257.4	346.9	127.0	13.9	-5	-2
250	373.8	-2414.7	371.6	52.5	19.6	-8	-1
260	45.7	-2455.9	377.5	-5.8	17.9	-7	-0
270	37.6	-2366.2	372.4	5.2	5.3	-2	-0
280	-153.8	-2281.6	367.1	-17.5	-6.3	3	-0
290	-647.3	-2312.7	364.5	-106.5	-7.5	3	-1
300	-1002.0	-2088.4	324.4	-167.8	-.4	0	-0
310	-1126.9	-1971.3	306.5	-188.3	2.7	-1	1
320	-1150.7	-1508.7	238.0	-194.7	7.3	-3	2
330	-953.5	-1219.2	194.4	-173.1	6.1	-3	2
340	-1016.8	-1013.4	160.1	-186.4	12.8	-6	6
350	-767.6	-758.9	131.2	-139.4	5.7	-4	4

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-646.0	-139.6	31.1	-120.4	10.6
2ND	15.50	-23.2	-1.2	2660	3720	-8.7	-.3	-4	71	-622.8	-138.4	29.0	-110.6	8.9
3RD	24.50	-12.3	-.3	1556	2160	-7.9	-.1	-2	77	-610.5	-138.1	27.7	-105.0	8.0
4TH	33.50	-10.2	-1.4	1556	2160	-6.6	-.6	-13	98	-600.3	-136.7	26.5	-99.6	6.9
5TH	42.50	-11.1	-3.7	1582	2160	-7.0	-1.7	-27	81	-589.2	-133.0	25.3	-94.2	5.9
6TH	50.00	-8.2	-2.9	1062	1492	-7.7	-1.9	-17	47	-581.0	-130.1	24.3	-89.8	5.5
7TH	62.50	-13.2	-2.7	1332	2044	-9.9	-1.3	-6	29	-567.8	-127.4	22.7	-82.7	5.1
8TH	75.00	-14.9	-3.1	1353	2060	-11.0	-1.5	-5	25	-552.9	-124.2	21.1	-75.7	4.7
9TH	87.50	-16.2	-2.4	1353	2060	-12.0	-1.2	-4	26	-536.7	-121.8	19.6	-68.8	4.3
10TH	100.00	-17.4	-1.8	1353	2060	-12.9	-.8	-3	27	-519.3	-120.0	18.1	-62.2	3.8
11TH	112.50	-18.7	-1.1	1353	2060	-13.8	-.5	-2	28	-500.6	-119.0	16.6	-55.9	3.3
12TH	125.00	-20.0	-.7	1353	2060	-14.7	-.3	-1	27	-480.6	-118.3	15.1	-49.7	2.8
13TH	137.50	-21.5	-1.4	1353	2060	-15.9	-.7	-2	23	-459.1	-116.8	13.6	-43.9	2.3
14TH	150.00	-23.1	-2.2	1353	2060	-17.1	-1.1	-2	20	-436.0	-114.6	12.2	-38.3	1.8
15TH	162.50	-24.7	-2.9	1353	2060	-18.3	-1.4	-2	18	-411.3	-111.7	10.8	-33.0	1.3
16TH	175.00	-26.3	-3.7	1353	2060	-19.4	-1.8	-2	16	-385.0	-108.1	9.4	-28.0	.9
17TH	187.50	-27.9	-4.5	1353	2060	-20.6	-2.2	-2	14	-357.1	-103.6	8.1	-23.4	.5
18TH	200.00	-29.9	-5.4	1353	2060	-22.1	-2.6	-2	12	-327.1	-98.1	6.8	-19.1	.2
19TH	212.50	-32.2	-6.3	1353	2060	-23.8	-3.1	-2	11	-295.0	-91.9	5.6	-15.2	-.2
20TH	225.00	-34.4	-7.2	1353	2060	-25.4	-3.5	-2	9	-260.6	-84.7	4.5	-11.7	-.5
21ST	237.50	-36.6	-8.0	1353	2060	-27.1	-3.9	-2	8	-223.9	-76.7	3.5	-8.7	-.9
22ND	250.00	-38.9	-8.9	1353	2060	-28.7	-4.3	-2	7	-185.1	-67.8	2.6	-6.1	-1.2
23RD	262.50	-37.9	-11.5	1353	2060	-28.0	-5.6	-0	1	-147.2	-56.3	1.8	-4.1	-1.2
24TH	275.00	-36.3	-9.0	1353	2060	-26.8	-4.4	-0	1	-110.9	-47.3	1.2	-2.4	-1.3
25TH	287.50	-33.6	-11.4	1297	2060	-25.9	-5.5	2	-7	-77.3	-35.9	.7	-1.3	-1.0
		-31.6	-11.0	1260	2060	-25.1	-5.3	3	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-32.6	-17.6	1437	2472	-22.7	-7.1	6	-11	-45.7	-24.9	.3	-.5	-.7
ROOF	315.00	-13.2	-7.3	706	1064	-18.7	-6.8	6	-11	-13.2	-7.3	.0	-.1	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-553.1	373.1	-57.5	-103.4	16.4
2ND	15.50	-17.3	15.6	2660	3720	-6.5	4.2	39	43	-535.9	357.5	-51.9	-95.0	15.0
3RD	24.50	-9.2	10.0	1556	2160	-5.9	4.6	43	39	-526.7	347.5	-48.7	-90.2	14.2
4TH	33.50	-7.6	9.3	1556	2160	-4.9	4.3	54	43	-519.1	338.1	-45.6	-85.5	13.4
5TH	42.50	-7.5	8.2	1582	2160	-4.8	3.8	55	50	-511.6	329.9	-42.6	-80.8	12.6
6TH	50.00	-6.5	7.8	1062	1492	-6.1	5.2	33	27	-505.1	322.1	-40.2	-77.0	12.2
7TH	62.50	-13.1	15.8	1332	2044	-9.8	7.7	21	17	-492.0	306.4	-36.2	-70.8	11.6
8TH	75.00	-14.1	15.7	1353	2060	-10.4	7.6	20	18	-477.9	290.6	-32.5	-64.7	11.0
9TH	87.50	-14.9	16.4	1353	2060	-11.0	8.0	20	18	-463.0	274.2	-29.0	-58.9	10.4
10TH	100.00	-15.8	17.1	1353	2060	-11.7	8.3	20	19	-447.2	257.1	-25.7	-53.2	9.8
11TH	112.50	-16.6	17.7	1353	2060	-12.3	8.6	20	19	-430.6	239.4	-22.5	-47.7	9.1
12TH	125.00	-17.4	18.2	1353	2060	-12.9	8.8	19	19	-413.2	221.2	-19.7	-42.4	8.4
13TH	137.50	-18.8	17.8	1353	2060	-13.9	8.6	18	19	-394.4	203.4	-17.0	-37.4	7.8
14TH	150.00	-20.2	17.4	1353	2060	-14.9	8.5	16	19	-374.2	186.0	-14.6	-32.6	7.1
15TH	162.50	-21.6	17.0	1353	2060	-16.0	8.3	14	18	-352.6	169.0	-12.4	-28.0	6.5
16TH	175.00	-23.0	16.7	1353	2060	-17.0	8.1	13	18	-329.6	152.3	-10.4	-23.7	5.8
17TH	187.50	-24.4	16.3	1353	2060	-18.0	7.9	12	18	-305.1	136.0	-8.6	-19.8	5.2
18TH	200.00	-26.1	15.4	1353	2060	-19.3	7.5	11	18	-279.0	120.6	-6.9	-16.1	4.6
19TH	212.50	-27.9	14.6	1353	2060	-20.6	7.1	9	18	-251.1	106.0	-5.5	-12.8	4.0
20TH	225.00	-29.7	13.8	1353	2060	-21.9	6.7	8	18	-221.4	92.3	-4.3	-9.9	3.3
21ST	237.50	-31.5	12.9	1353	2060	-23.3	6.3	7	17	-189.9	79.4	-3.2	-7.3	2.7
22ND	250.00	-33.3	12.1	1353	2060	-24.6	5.9	6	17	-156.6	67.3	-2.3	-5.1	2.0
23RD	262.50	-32.6	11.4	1353	2060	-24.1	5.5	5	16	-124.0	55.9	-1.5	-3.4	1.5
24TH	275.00	-31.0	13.7	1353	2060	-22.9	6.6	6	15	-93.0	42.2	-.9	-2.0	.9
25TH	287.50	-28.8	12.4	1297	2060	-22.2	6.0	4	10	-64.2	29.8	-.5	-1.0	.6
		-27.0	13.1	1260	2060	-21.4	6.3	4	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 10° CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-27.4	12.3	1437	2472	-19.1	5.0	4	8	-37.3	16.8	-.2	-.4	.3
ROOF	315.00	-9.8	4.5	706	1064	-13.9	4.2	1	1	-9.8	4.5	-.0	-.0	.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-874.2	840.6	-128.8	-148.7	26.6
2ND	15.50	-39.1	36.3	2660	3720	-14.7	9.8	33	36	-835.1	804.3	-116.1	-135.5	24.0
3RD	24.50	-21.0	31.4	1556	2160	-13.5	14.6	34	23	-814.0	772.8	-109.0	-128.1	22.4
4TH	33.50	-19.5	33.5	1556	2160	-12.5	15.5	38	22	-794.5	739.3	-102.2	-120.8	20.7
5TH	42.50	-20.2	34.6	1582	2160	-12.7	16.0	38	22	-774.4	704.8	-95.7	-113.8	19.0
6TH	50.00	-15.7	24.4	1062	1492	-14.8	16.4	24	16	-758.6	680.4	-90.5	-108.0	18.1
7TH	62.50	-25.4	35.9	1332	2044	-19.1	17.6	11	8	-733.2	644.5	-82.2	-98.7	17.5
8TH	75.00	-26.7	33.9	1353	2060	-19.7	16.5	12	9	-706.5	610.6	-74.4	-89.7	16.9
9TH	87.50	-27.7	33.4	1353	2060	-20.5	16.2	12	10	-678.8	577.2	-66.9	-81.0	16.2
10TH	100.00	-28.7	32.9	1353	2060	-21.2	16.0	12	11	-650.1	544.2	-59.9	-72.7	15.5
11TH	112.50	-29.8	32.5	1353	2060	-22.0	15.8	12	11	-620.4	511.8	-53.3	-64.8	14.8
12TH	125.00	-30.8	32.1	1353	2060	-22.8	15.6	12	12	-589.6	479.7	-47.1	-57.2	14.0
13TH	137.50	-32.3	31.7	1353	2060	-23.8	15.4	12	13	-557.3	448.0	-41.3	-50.1	13.2
14TH	150.00	-33.8	31.3	1353	2060	-25.0	15.2	12	13	-523.5	416.7	-35.9	-43.3	12.4
15TH	162.50	-35.3	30.9	1353	2060	-26.1	15.0	12	14	-488.1	385.8	-30.9	-37.0	11.6
16TH	175.00	-36.9	30.5	1353	2060	-27.2	14.8	12	14	-451.2	355.3	-26.3	-31.1	10.7
17TH	187.50	-38.4	30.1	1353	2060	-28.4	14.6	11	15	-412.8	325.2	-22.0	-25.7	9.8
18TH	200.00	-39.8	29.8	1353	2060	-29.4	14.5	11	15	-373.1	295.4	-18.1	-20.8	8.9
19TH	212.50	-41.0	29.4	1353	2060	-30.3	14.3	11	15	-332.1	266.0	-14.6	-16.4	7.9
20TH	225.00	-42.3	29.1	1353	2060	-31.2	14.1	11	16	-289.8	236.9	-11.5	-12.5	6.9
21ST	237.50	-43.5	28.8	1353	2060	-32.2	14.0	11	16	-246.2	208.2	-8.7	-9.2	5.9
22ND	250.00	-44.8	28.4	1353	2060	-33.1	13.8	10	16	-201.4	179.7	-6.3	-6.4	4.9
23RD	262.50	-43.8	30.5	1353	2060	-32.3	14.8	12	17	-157.7	149.2	-4.2	-4.1	3.8
24TH	275.00	-41.5	32.3	1353	2060	-30.7	15.7	11	14	-116.1	116.9	-2.6	-2.4	2.9
25TH	287.50	-38.3	34.0	1297	2060	-29.5	16.5	11	13	-77.8	82.9	-1.3	-1.2	2.0
		-34.5	35.6	1260	2060	-27.4	17.3	11	11					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-33.4	35.0	1437	2472	-23.3	14.2	14	14	-43.3	47.3	-.5	-.4	1.2
ROOF	315.00	-9.9	12.2	706	1064	-13.9	11.5	13	10	-9.9	12.2	-.1	-.0	.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1254.5	1248.9	-189.5	-200.1	39.8
2ND	15.50	-63.3	60.6	2660	3720	-23.8	16.3	32	33	-1191.2	1188.2	-170.6	-181.2	35.8
3RD	24.50	-34.5	55.3	1556	2160	-22.2	25.6	34	21	-1156.7	1133.0	-160.2	-170.6	33.2
4TH	33.50	-32.3	59.3	1556	2160	-20.7	27.4	36	20	-1124.4	1073.7	-150.3	-160.3	30.4
5TH	42.50	-33.7	60.7	1582	2160	-21.3	28.1	37	20	-1090.7	1013.0	-140.9	-150.4	27.5
6TH	50.00	-26.4	36.1	1062	1492	-24.8	24.2	24	18	-1064.3	976.9	-133.4	-142.3	26.1
7TH	62.50	-41.7	45.3	1332	2044	-31.3	22.2	10	9	-1022.7	931.6	-121.5	-129.3	25.3
8TH	75.00	-43.4	43.5	1353	2060	-32.1	21.1	10	10	-979.2	888.1	-110.1	-116.7	24.4
9TH	87.50	-45.1	44.1	1353	2060	-33.3	21.4	11	11	-934.2	844.0	-99.3	-104.8	23.4
10TH	100.00	-46.7	44.7	1353	2060	-34.5	21.7	11	12	-887.5	799.2	-89.0	-93.4	22.3
11TH	112.50	-48.3	45.3	1353	2060	-35.7	22.0	12	13	-839.2	754.0	-79.3	-82.6	21.2
12TH	125.00	-49.9	45.7	1353	2060	-36.9	22.2	12	13	-789.3	708.3	-70.2	-72.4	20.0
13TH	137.50	-50.9	45.2	1353	2060	-37.6	21.9	12	14	-738.4	663.1	-61.6	-62.9	18.7
14TH	150.00	-51.9	44.7	1353	2060	-38.3	21.7	12	14	-686.5	618.4	-53.6	-54.0	17.5
15TH	162.50	-52.8	44.2	1353	2060	-39.0	21.5	12	14	-633.7	574.2	-46.1	-45.7	16.2
16TH	175.00	-53.8	43.7	1353	2060	-39.8	21.2	12	15	-579.9	530.5	-39.2	-38.1	14.9
17TH	187.50	-54.8	43.2	1353	2060	-40.5	21.0	12	15	-525.1	487.3	-32.9	-31.2	13.6
18TH	200.00	-55.6	43.5	1353	2060	-41.1	21.1	12	15	-469.5	443.8	-27.0	-25.0	12.2
19TH	212.50	-56.3	43.7	1353	2060	-41.6	21.2	12	15	-413.2	400.1	-21.8	-19.5	10.8
20TH	225.00	-57.0	43.9	1353	2060	-42.1	21.3	12	15	-356.2	356.2	-17.0	-14.7	9.5
21ST	237.50	-57.7	44.2	1353	2060	-42.6	21.4	12	15	-298.5	312.0	-12.9	-10.6	8.1
22ND	250.00	-58.4	44.4	1353	2060	-43.2	21.6	12	15	-240.1	267.6	-9.2	-7.2	6.6
23RD	262.50	-56.2	46.8	1353	2060	-41.6	22.7	13	15	-183.9	220.7	-6.2	-4.6	5.2
24TH	275.00	-52.1	48.4	1353	2060	-38.5	23.5	12	13	-131.8	172.3	-3.7	-2.6	3.9
25TH	287.50	-46.6	51.3	1297	2060	-35.9	24.9	12	11	-85.2	121.0	-1.9	-1.2	2.8
		-40.4	52.8	1260	2060	-32.1	25.6	12	9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-36.5	51.4	1437	2472	-25.4	20.8	17	12	-44.8	68.2	-.7	-.4	1.7
ROOF	315.00	-8.4	16.7	706	1064	-11.8	15.7	20	10	-8.4	16.7	-.1	-.0	.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		-63.4	80.4	2660	3720	-23.8	21.6	29	23	-1223.2	1643.3	-258.7	-187.7	44.4
2ND	15.50	-35.0	66.7	1556	2160	-22.5	30.9	30	16	-1159.9	1563.0	-233.8	-169.2	40.6
3RD	24.50	-33.7	69.7	1556	2160	-21.6	32.3	31	15	-1124.9	1496.3	-220.1	-158.9	38.1
4TH	33.50	-35.9	70.2	1582	2160	-22.7	32.5	32	16	-1091.2	1426.6	-206.9	-148.9	35.4
5TH	42.50	-28.1	41.0	1062	1492	-26.5	27.5	23	16	-1055.3	1356.4	-194.4	-139.3	32.5
6TH	50.00	-43.1	51.9	1332	2044	-32.3	25.4	10	8	-1027.2	1315.4	-184.4	-131.5	31.1
7TH	62.50	-45.0	51.4	1353	2060	-33.2	25.0	11	10	-984.1	1263.5	-168.3	-118.9	30.3
8TH	75.00	-46.9	53.6	1353	2060	-34.7	26.0	12	10	-939.2	1212.1	-152.8	-106.9	29.3
9TH	87.50	-48.9	55.7	1353	2060	-36.1	27.1	12	11	-892.2	1158.5	-138.0	-95.4	28.2
10TH	100.00	-50.9	57.9	1353	2060	-37.6	28.1	13	11	-843.3	1102.8	-123.8	-84.6	27.0
11TH	112.50	-52.9	59.5	1353	2060	-39.1	28.9	13	12	-792.4	1044.9	-110.4	-74.4	25.7
12TH	125.00	-53.3	59.9	1353	2060	-39.4	29.1	13	12	-739.6	985.4	-97.7	-64.8	24.3
13TH	137.50	-53.5	60.3	1353	2060	-39.6	29.3	14	12	-686.3	925.5	-85.8	-55.9	22.9
14TH	150.00	-53.8	60.7	1353	2060	-39.7	29.5	14	12	-632.7	865.2	-74.6	-47.6	21.4
15TH	162.50	-54.0	61.1	1353	2060	-39.9	29.6	14	13	-578.9	804.5	-64.2	-40.1	19.9
16TH	175.00	-54.3	61.5	1353	2060	-40.1	29.9	15	13	-524.9	743.4	-54.5	-33.2	18.3
17TH	187.50	-54.1	61.9	1353	2060	-40.0	30.1	15	13	-470.6	681.9	-45.6	-26.9	16.7
18TH	200.00	-53.8	62.3	1353	2060	-39.7	30.2	15	13	-416.5	620.0	-37.4	-21.4	15.0
19TH	212.50	-53.4	62.6	1353	2060	-39.5	30.4	16	13	-362.7	557.7	-30.1	-16.5	13.4
20TH	225.00	-53.1	63.0	1353	2060	-39.2	30.6	16	13	-309.3	495.1	-23.5	-12.3	11.7
21ST	237.50	-52.7	63.4	1353	2060	-39.0	30.8	16	13	-256.3	432.1	-17.7	-8.8	10.0
22ND	250.00	-50.0	65.5	1353	2060	-36.9	31.8	16	12	-203.5	368.7	-12.7	-5.9	8.3
23RD	262.50	-45.5	67.3	1353	2060	-33.6	32.7	16	11	-153.5	303.2	-8.5	-3.7	6.6
24TH	275.00	-39.9	70.1	1297	2060	-30.8	34.0	16	9	-108.1	235.9	-5.1	-2.1	5.0
25TH	287.50	-33.9	72.0	1260	2060	-26.9	35.0	15	7	-68.1	165.8	-2.6	-1.0	3.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-29.4	70 3	1437	2472	-20.4	28.4	20	8	-34.3	93.8	-1.0	-.3	2.2
ROOF	315.00	-4.9	23.5	706	1064	-6.9	22.1	22	5	-4.9	23.5	-.1	-.0	.5
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-832.6	1990.8	-323.6	-124.7	39.5
2ND	15.50	-40.6	96.4	2660	3720	-15.3	25.9	18	8	-792.0	1894.4	-293.5	-112.1	37.5
3RD	24.50	-23.5	70.0	1556	2160	-15.1	32.4	20	7	-768.5	1824.4	-276.8	-105.1	35.9
4TH	33.50	-25.0	71.7	1556	2160	-16.1	33.2	22	8	-743.5	1752.7	-260.7	-98.3	34.1
5TH	42.50	-25.9	72.4	1582	2160	-16.4	33.5	24	9	-717.6	1680.4	-245.3	-91.7	32.1
6TH	50.00	-19.9	44.9	1062	1492	-18.7	30.1	20	9	-697.7	1635.5	-232.8	-86.4	31.0
7TH	62.50	-31.8	60.6	1332	2044	-23.8	29.7	10	5	-665.9	1574.9	-212.8	-77.9	30.3
8TH	75.00	-33.0	60.9	1353	2060	-24.4	29.6	11	6	-632.9	1514.0	-193.4	-69.8	29.4
9TH	87.50	-34.1	63.7	1353	2060	-25.2	30.9	12	6	-598.8	1450.3	-174.9	-62.1	28.4
10TH	100.00	-35.2	66.6	1353	2060	-26.0	32.3	12	7	-563.6	1383.7	-157.2	-54.8	27.4
11TH	112.50	-36.3	69.4	1353	2060	-26.8	33.7	13	7	-527.3	1314.3	-140.3	-48.0	26.2
12TH	125.00	-37.4	71.7	1353	2060	-27.7	34.8	14	7	-489.9	1242.6	-124.4	-41.6	25.0
13TH	137.50	-37.5	72.7	1353	2060	-27.7	35.3	14	7	-452.4	1169.9	-109.3	-35.7	23.7
14TH	150.00	-37.4	73.7	1353	2060	-27.6	35.8	15	8	-415.1	1096.2	-95.1	-30.3	22.3
15TH	162.50	-37.3	74.8	1353	2060	-27.5	36.3	16	8	-377.8	1021.4	-81.9	-25.4	20.8
16TH	175.00	-37.2	75.8	1353	2060	-27.5	36.8	17	8	-340.6	945.6	-69.6	-20.9	19.2
17TH	187.50	-37.1	76.9	1353	2060	-27.4	37.3	17	8	-303.5	868.8	-58.3	-16.8	17.6
18TH	200.00	-36.7	77.8	1353	2060	-27.1	37.8	18	8	-266.9	790.9	-47.9	-13.3	15.9
19TH	212.50	-36.2	78.8	1353	2060	-26.7	38.2	18	8	-230.7	712.2	-38.5	-10.2	14.2
20TH	225.00	-35.7	79.7	1353	2060	-26.3	38.7	18	8	-195.0	632.5	-30.1	-7.5	12.5
21ST	237.50	-35.2	80.6	1353	2060	-26.0	39.1	18	8	-159.9	551.9	-22.7	-5.3	10.7
22ND	250.00	-34.6	81.5	1353	2060	-25.6	39.6	19	8	-125.2	470.4	-16.3	-3.5	8.9
23RD	262.50	-32.3	83.4	1353	2060	-23.9	40.5	18	7	-92.9	387.1	-10.9	-2.1	7.2
24TH	275.00	-28.6	85.2	1353	2060	-21.1	41.4	17	6	-64.3	301.9	-6.6	-1.2	5.6
25TH	287.50	-24.8	88.4	1297	2060	-19.1	42.9	16	5	-39.6	213.5	-3.4	-.5	4.0
		-21.0	90.6	1260	2060	-16.7	44.0	16	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 51.0 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
26TH	300.00	-17.7	91.1	1437	2472	-12.3	36.9	20	4	-18.5	122.9	-1.3	-.1	2.5
ROOF	315.00	-.8	31.8	706	1064	-1.2	29.9	20	1	-.8	31.8	-.1	-.0	.6
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-436.3	2275.4	-375.8	-53.4	34.5
2ND	15.50	-24.7	118.7	2660	3720	-9.3	31.9	9	2	-411.6	2156.7	-341.5	-46.8	33.5
3RD	24.50	-15.1	74.7	1556	2160	-9.7	34.6	12	2	-396.5	2082.0	-322.4	-43.2	32.5
4TH	33.50	-18.1	74.7	1556	2160	-11.6	34.6	14	3	-378.4	2007.3	-304.0	-39.7	31.4
5TH	42.50	-17.6	74.6	1582	2160	-11.1	34.5	17	4	-360.8	1932.7	-286.2	-36.4	30.1
6TH	50.00	-13.9	47.0	1062	1492	-13.1	31.5	18	5	-346.9	1885.7	-271.9	-33.7	29.1
7TH	62.50	-25.1	64.2	1332	2044	-18.9	31.4	11	4	-321.8	1821.6	-248.8	-29.5	28.3
8TH	75.00	-24.4	65.1	1353	2060	-18.0	31.6	12	5	-297.4	1756.5	-226.4	-25.7	27.4
9TH	87.50	-24.3	69.5	1353	2060	-17.9	33.7	13	5	-273.2	1687.0	-204.9	-22.1	26.4
10TH	100.00	-24.1	73.8	1353	2060	-17.8	35.8	13	4	-249.0	1613.2	-184.2	-18.8	25.3
11TH	112.50	-24.0	78.2	1353	2060	-17.7	38.0	14	4	-225.0	1535.0	-164.6	-15.9	24.1
12TH	125.00	-23.9	81.8	1353	2060	-17.6	39.7	14	4	-201.2	1453.2	-145.9	-13.2	22.8
13TH	137.50	-22.9	83.3	1353	2060	-17.0	40.4	15	4	-178.2	1369.9	-128.3	-10.8	21.5
14TH	150.00	-21.9	84.8	1353	2060	-16.2	41.1	15	4	-156.3	1285.2	-111.7	-8.7	20.1
15TH	162.50	-20.9	86.2	1353	2060	-15.4	41.9	16	4	-135.4	1198.9	-96.1	-6.9	18.6
16TH	175.00	-19.9	87.7	1353	2060	-14.7	42.6	16	4	-115.5	1111.2	-81.7	-5.3	17.1
17TH	187.50	-18.9	89.3	1353	2060	-13.9	43.3	17	4	-96.7	1021.9	-68.4	-4.0	15.6
18TH	200.00	-17.5	91.0	1353	2060	-12.9	44.2	17	3	-79.2	930.9	-56.2	-2.9	14.0
19TH	212.50	-15.9	92.6	1353	2060	-11.8	45.0	17	3	-63.2	838.3	-45.1	-2.0	12.4
20TH	225.00	-14.4	94.2	1353	2060	-10.6	45.7	16	3	-48.8	744.1	-35.2	-1.3	10.8
21ST	237.50	-12.9	95.8	1353	2060	-9.5	46.5	16	2	-35.9	648.3	-26.5	-.8	9.3
22ND	250.00	-11.3	97.5	1353	2060	-8.4	47.3	16	2	-24.6	550.8	-19.0	-.4	7.7
23RD	262.50	-9.3	100.0	1353	2060	-6.9	48.6	15	1	-15.3	450.8	-12.8	-.2	6.2
24TH	275.00	-7.5	100.1	1353	2060	-5.6	48.6	14	1	-7.8	350.6	-7.7	-.0	4.8
25TH	287.50	-5.5	102.5	1297	2060	-4.2	49.7	13	1	-2.3	248.2	-4.0	.0	3.5
		-3.4	103.2	1260	2060	-2.7	50.1	12	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 51.0 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
26TH	300.00	-1.6	107.1	1437	2472	-1.1	43.3	15	0	1.1	145.0	-1.5	.0	2.2
ROOF	315.00	2.7	37.9	706	1064	3.8	35.6	15	-1	2.7	37.9	-.2	.0	.6
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-.9	2409.2	-415.4	8.0	15.7
2ND	15.50	3.8	116.0	2660	3720	1.4	31.2	-4	0	-4.6	2293.3	-379.0	8.0	16.1
3RD	24.50	2.4	66.0	1556	2160	1.5	30.6	-1	0	-7.0	2227.2	-350.6	8.1	16.2
4TH	33.50	-1.3	64.7	1556	2160	-.8	30.0	0	0	-5.8	2162.5	-338.9	8.2	16.2
5TH	42.50	-.7	64.5	1582	2160	-.4	29.8	2	0	-5.1	2098.0	-319.7	8.2	16.1
6TH	50.00	-2.5	44.6	1062	1492	-2.3	29.9	6	0	-2.6	2053.4	-304.1	8.2	15.8
7TH	62.50	-10.8	65.6	1332	2044	-8.1	32.1	6	1	8.2	1987.8	-278.9	8.2	15.4
8TH	75.00	-9.0	65.9	1353	2060	-6.6	32.0	7	1	17.1	1922.0	-254.5	8.0	14.9
9TH	87.50	-7.8	70.0	1353	2060	-5.8	34.0	7	1	24.9	1852.0	-230.9	7.8	14.4
10TH	100.00	-6.7	74.1	1353	2060	-4.9	36.0	7	1	31.6	1777.8	-208.2	7.4	13.9
11TH	112.50	-5.5	78.3	1353	2060	-4.1	38.0	7	0	37.2	1699.6	-186.4	7.0	13.3
12TH	125.00	-4.4	82.1	1353	2060	-3.2	39.8	7	0	41.6	1617.5	-165.7	6.5	12.8
13TH	137.50	-3.2	85.2	1353	2060	-2.4	41.3	7	0	44.8	1532.3	-146.0	6.0	12.1
14TH	150.00	-2.0	88.3	1353	2060	-1.5	42.9	7	0	46.8	1444.0	-127.4	5.4	11.5
15TH	162.50	-.8	91.4	1353	2060	-.6	44.4	8	0	47.6	1352.6	-109.9	4.8	10.8
16TH	175.00	.4	94.5	1353	2060	.3	45.9	8	-0	47.2	1258.1	-93.6	4.2	10.1
17TH	187.50	1.6	97.7	1353	2060	1.2	47.4	8	-0	45.6	1160.4	-78.5	3.6	9.3
18TH	200.00	2.2	100.3	1353	2060	1.6	48.7	8	-0	43.4	1060.1	-64.6	3.1	8.5
19TH	212.50	2.5	102.7	1353	2060	1.9	49.8	8	-0	40.9	957.5	-52.0	2.5	7.6
20TH	225.00	2.9	105.1	1353	2060	2.1	51.0	8	-0	38.0	852.4	-40.7	2.1	6.7
21ST	237.50	3.3	107.5	1353	2060	2.4	52.2	9	-0	34.7	744.9	-30.7	1.6	5.8
22ND	250.00	3.6	109.9	1353	2060	2.7	53.3	9	-0	31.1	635.1	-22.1	1.2	4.9
23RD	262.50	4.4	114.1	1353	2060	3.3	55.4	8	-0	26.7	520.9	-14.9	.8	4.0
24TH	275.00	5.1	114.1	1353	2060	3.8	55.4	7	-0	21.6	406.8	-9.1	.5	3.1
25TH	287.50	5.5	117.3	1297	2060	4.2	56.9	7	-0	16.0	289.6	-4.7	.3	2.3
		5.8	117.6	1260	2060	4.6	57.1	7	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	6.2	125.4	1437	2472	4.3	50.7	9	-0	10.2	172.0	-1.8	.1	1.6
ROOF	315.00	4.0	46.6	706	1064	5.6	43.8	9	-1	4.0	46.6	- .2	.0	.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 0° CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	EDGES (FT) X	EDGES (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									61.6	2543.8	-439.5	9.0	-.1
2ND	15.50	11.3	124.2	2660	3720	4.2	33.4	-13	1	50.3	2419.6	-401.0	8.2	1.5
3RD	24.50	5.4	66.5	1556	2160	3.5	30.8	-13	1	44.9	2353.1	-379.5	7.7	2.4
4TH	33.50	-.8	63.7	1556	2160	-.5	29.5	-14	-0	45.8	2283.4	-358.6	7.3	3.3
5TH	42.50	-.6	63.9	1582	2160	-.4	29.6	-13	-0	46.3	2225.6	-338.3	6.9	4.1
6TH	50.00	.4	45.4	1062	1492	.4	30.4	-4	0	45.9	2180.2	-321.8	6.6	4.2
7TH	62.50	.9	70.0	1332	2044	.7	34.2	0	-0	45.0	2110.2	-295.0	6.0	4.2
8TH	75.00	1.3	71.5	1353	2060	1.0	34.7	1	-0	43.7	2038.7	-269.1	5.4	4.2
9TH	87.50	1.7	75.8	1353	2060	1.2	36.8	0	-0	42.0	1962.9	-244.0	4.9	4.1
10TH	100.00	2.0	80.1	1353	2060	1.5	38.9	0	-0	40.0	1882.8	-220.0	4.4	4.1
11TH	112.50	2.3	84.4	1353	2060	1.7	41.0	0	-0	37.7	1798.4	-197.0	3.9	4.1
12TH	125.00	2.6	88.4	1353	2060	1.9	42.9	-0	0	35.1	1710.0	-175.1	3.5	4.1
13TH	137.50	2.6	91.2	1353	2060	1.9	44.3	0	-0	32.5	1618.9	-154.3	3.0	4.1
14TH	150.00	2.5	93.9	1353	2060	1.9	45.6	1	-0	30.0	1524.9	-134.6	2.6	4.0
15TH	162.50	2.5	96.7	1353	2060	1.8	46.9	1	-0	27.6	1428.2	-116.2	2.3	3.9
16TH	175.00	2.4	99.5	1353	2060	1.8	48.3	2	-0	25.2	1328.7	-98.9	1.9	3.7
17TH	187.50	2.3	102.3	1353	2060	1.7	49.7	2	-0	22.8	1226.4	-83.0	1.6	3.5
18TH	200.00	2.2	105.2	1353	2060	1.6	51.1	2	-0	20.7	1121.2	-68.3	1.4	3.2
19TH	212.50	2.0	108.0	1353	2060	1.5	52.4	3	-0	18.7	1013.2	-55.0	1.1	3.0
20TH	225.00	1.8	110.8	1353	2060	1.3	53.8	3	-0	16.9	902.4	-43.0	.9	2.7
21ST	237.50	1.6	113.6	1353	2060	1.2	55.1	3	-0	15.3	788.9	-32.4	.7	2.3
22ND	250.00	1.4	116.4	1353	2060	1.0	56.5	3	-0	14.0	672.5	-23.3	.5	2.0
23RD	262.50	1.7	121.7	1353	2060	1.3	59.1	3	-0	12.3	550.8	-15.6	.4	1.6
24TH	275.00	2.6	121.6	1353	2060	1.9	59.0	3	-0	9.7	429.2	-9.5	.2	1.3
25TH	287.50	2.7	125.8	1297	2060	2.1	61.1	3	-0	7.0	303.4	-4.9	.1	1.0
		2.7	125.3	1260	2060	2.2	60.8	3	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									4.2	178.1	-1.9	.1	.6
		2.7	129.9	1437	2472	1.9	52 5	4	-0					
ROOF	315.00									1.5	48.3	-.2	.0	.2
		1.5	48.3	706	1064	2.2	45.4	4	-0					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									13.2	2572.0	-438.2	-1.7	-13.3
2ND	15.50	14.5	135.2	2660	3720	5.4	36.3	-27	3	-1.2	2436.8	-399.4	-1.8	-9.6
3RD	24.50	5.9	73.8	1556	2160	3.8	34.2	-27	2	-7.1	2363.0	-377.8	-1.7	-7.6
4TH	33.50	-.3	70.9	1556	2160	-.2	32.8	-29	-0	-6.8	2292.1	-356.9	-1.7	-5.5
5TH	42.50	-.6	71.4	1582	2160	-.4	33.1	-27	-0	-6.2	2220.7	-336.6	-1.6	-3.6
6TH	50.00	.5	48.3	1062	1492	.5	32.4	-14	0	-6.7	2172.4	-320.1	-1.5	-2.9
7TH	62.50	2.6	71.0	1332	2044	2.0	34.8	-3	0	-9.3	2101.3	-293.4	-1.4	-2.7
8TH	75.00	1.8	72.9	1353	2060	1.3	35.4	-3	0	-11.1	2028.4	-267.6	-1.3	-2.5
9TH	87.50	1.0	76.6	1353	2060	.7	37.2	-3	0	-12.1	1951.8	-242.7	-1.2	-2.3
10TH	100.00	.2	80.3	1353	2060	.1	39.0	-3	0	-12.2	1871.5	-218.8	-1.0	-2.1
11TH	112.50	-.7	84.0	1353	2060	-.5	40.8	-2	-0	-11.5	1787.5	-195.9	-.9	-1.9
12TH	125.00	-1.5	87.6	1353	2060	-1.1	42.5	-2	-0	-10.0	1700.0	-174.1	-.7	-1.7
13TH	137.50	-1.4	90.3	1353	2060	-1.0	43.9	-2	-0	-8.6	1609.6	-153.4	-.6	-1.5
14TH	150.00	-1.2	93.1	1353	2060	-.9	45.2	-2	-0	-7.4	1516.5	-133.9	-.5	-1.3
15TH	162.50	-1.0	95.9	1353	2060	-.7	46.6	-1	-0	-6.4	1420.6	-115.6	-.4	-1.2
16TH	175.00	-.8	98.7	1353	2060	-.6	47.9	-1	-0	-5.6	1321.8	-98.4	-.4	-1.1
17TH	187.50	-.6	101.6	1353	2060	-.5	49.3	-1	-0	-5.0	1220.3	-82.5	-.3	-1.0
18TH	200.00	-.6	104.5	1353	2060	-.4	50.8	-1	-0	-4.4	1115.7	-67.9	-.2	-.9
19TH	212.50	-.6	107.4	1353	2060	-.4	52.1	-1	-0	-3.9	1008.3	-54.7	-.2	-.8
20TH	225.00	-.6	110.3	1353	2060	-.4	53.5	-1	-0	-3.3	898.0	-42.7	-.1	-.7
21ST	237.50	-.6	113.2	1353	2060	-.4	54.9	-1	-0	-2.8	784.8	-32.2	-.1	-.6
22ND	250.00	-.6	116.1	1353	2060	-.4	56.3	-1	-0	-2.2	668.7	-23.1	-.1	-.6
23RD	262.50	-.6	121.2	1353	2060	-.4	58.9	-1	-0	-1.6	547.5	-15.5	-.0	-.5
24TH	275.00	-.6	121.6	1353	2060	-.4	59.0	-1	-0	-1.0	425.8	-9.5	-.0	-.4
25TH	287.50	-.3	124.8	1297	2060	-.3	60.6	-1	-0	-.7	301.0	-4.9	-.0	-.3
		0	123.3	1260	2060	0	59.9	-1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-.1	128.9	1437	2472	-.1	52.1	-1	-0	-.7	177.6	-1.9	-.0	-.1
ROOF	315.00	-.6	48.8	706	1064	-.9	45.8	-0	-0	-.6	48.8	-.2	-.0	-.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA NO WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	POWER (FT) X	POWER (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									13.3	2504.9	-433.7	-10.4	-27.8
2ND	15.50	26.1	144.8	2660	3720	9.8	38.9	-37	7	-12.8	2450.1	-394.6	-10.4	-22.3
3RD	24.50	13.2	80.5	1556	2160	8.5	37.3	-38	6	-26.0	2369.6	-372.9	-10.2	-19.1
4TH	33.50	7.1	77.4	1556	2160	4.6	35.8	-40	4	-33.2	2292.2	-351.9	-10.0	-16.0
5TH	42.50	7.2	76.2	1582	2160	4.5	35.3	-39	4	-40.3	2216.0	-331.6	-9.6	-13.0
6TH	50.00	4.6	52.1	1062	1492	4.3	34.9	-22	2	-44.9	2163.9	-315.2	-9.3	-11.8
7TH	62.50	5.2	75.3	1332	2044	3.9	36.8	-6	0	-50.1	2088.6	-288.6	-8.7	-11.4
8TH	75.00	3.6	76.8	1353	2060	2.6	37.3	-7	0	-53.7	2011.8	-263.0	-8.1	-10.8
9TH	87.50	2.0	79.7	1353	2060	1.5	38.7	-7	0	-55.7	1932.1	-238.3	-7.4	-10.3
10TH	100.00	.5	82.6	1353	2060	.4	40.1	-7	0	-56.2	1849.5	-214.7	-6.7	-9.7
11TH	112.50	-1.0	85.5	1353	2060	-.7	41.5	-7	-0	-55.3	1764.0	-192.1	-6.0	-9.1
12TH	125.00	-2.5	88.4	1353	2060	-1.8	42.9	-7	-0	-52.8	1675.5	-170.6	-5.3	-8.5
13TH	137.50	-2.8	90.9	1353	2060	-2.1	44.1	-7	-0	-50.9	1584.6	-150.2	-4.7	-7.9
14TH	150.00	-2.9	93.4	1353	2060	-2.2	45.4	-6	-0	-47.1	1491.2	-131.0	-4.1	-7.3
15TH	162.50	-3.1	95.9	1353	2060	-2.3	46.6	-6	-0	-44.0	1395.2	-113.0	-3.5	-6.7
16TH	175.00	-3.3	98.4	1353	2060	-2.4	47.8	-6	-0	-40.7	1296.8	-96.2	-3.0	-6.2
17TH	187.50	-3.4	101.0	1353	2060	-2.5	49.0	-5	-0	-37.3	1195.8	-80.6	-2.5	-5.6
18TH	200.00	-3.5	103.7	1353	2060	-2.6	50.3	-5	-0	-33.8	1092.2	-66.3	-2.0	-5.1
19TH	212.50	-3.5	106.3	1353	2060	-2.6	51.6	-5	-0	-30.3	985.9	-53.3	-1.6	-4.6
20TH	225.00	-3.5	108.9	1353	2060	-2.6	52.9	-5	-0	-26.8	877.0	-41.6	-1.3	-4.1
21ST	237.50	-3.5	111.5	1353	2060	-2.6	54.1	-5	-0	-23.3	765.6	-31.4	-1.0	-3.5
22ND	250.00	-3.5	114.1	1353	2060	-2.6	55.4	-5	-0	-19.8	651.5	-22.5	-.7	-3.0
23RD	262.50	-3.6	118.4	1353	2060	-2.6	57.5	-4	-0	-16.2	533.9	-15.1	-.5	-2.5
24TH	275.00	-3.8	118.6	1353	2060	-2.8	57.6	-4	-0	-12.4	414.4	-9.2	-.3	-2.0
25TH	287.50	-3.6	121.1	1297	2060	-2.7	58.8	-4	-0	-8.9	293.3	-4.8	-.2	-1.5
		-3.1	120.1	1260	2060	-2.5	58.3	-5	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-3.2	126.2	1437	2472	-2.2	51.1	-6	-0	-5.7	173.3	-1.9	-.1	-.9
ROOF	315.00	-2.5	47.0	706	1064	-3.5	44.2	-5	-0	-2.5	47.0	-.2	-.0	-.2
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1 32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00													
		30.7	135.5	2660	3720	11.5	36 4	-48	11	48 2	2458.2	-400 9	-9.4	-39 9
2ND	15.50													
		15.5	81.2	1556	2160	9 9	37 6	-48	9	17.5	2322.7	-363 8	-9.9	-33.1
3RD	24.50													
		8.9	80.5	1556	2160	5.7	37.3	-50	6	2 1	2241 5	-343 3	-10.0	-29.1
4TH	33.50													
		8.6	80.5	1582	2160	5.4	37.3	-48	5	-6.8	2160.9	-323.5	-10.0	-25.0
5TH	42.50													
		5.3	53.2	1062	1492	5.0	35.7	-26	3	-15.4	2080.4	-304 4	-9.9	-21.1
6TH	50.00													
		8.6	75.5	1332	2044	6.5	37.0	-7	1	-20.7	2027.2	-289.0	-9.7	-19.6
7TH	62.50													
		7.0	77.2	1353	2060	5 1	37.5	-8	1	-29.3	1951.7	-264.1	-9.4	-19.1
8TH	75.00													
		5.6	79.7	1353	2060	4 1	38.7	-9	1	-36.3	1874.5	-240.2	-9.0	-18.4
9TH	87.50													
		4.2	82.3	1353	2060	3.1	40.0	-9	0	-41.9	1794.8	-217.3	-8.5	-17.7
10TH	100.00													
		2.8	84.9	1353	2060	2.1	41 2	-10	0	-46.1	1712.5	-195.4	-8.0	-17.0
11TH	112 50													
		1.4	87.2	1353	2060	1.0	42.3	-10	0	-48.8	1627 5	-174.5	-7.4	-16.2
12TH	125.00													
		.7	88.6	1353	2060	.5	43.0	-10	0	-50.3	1540.3	-154.7	-6.7	-15.3
13TH	137.50													
		-.0	89.9	1353	2060	- 0	43 7	-10	-0	-50 9	1451.7	-136.0	-6.1	-14.4
14TH	150.00													
		-.7	91.3	1353	2060	- 5	44.3	-10	-0	-50 9	1361 8	-118.4	-5.5	-13.4
15TH	162.50													
		-1.4	92.7	1353	2060	-1.0	45.0	-10	-0	-50.2	1270.5	-101.9	-4.8	-12.5
16TH	175.00													
		-2.1	94.1	1353	2060	-1 5	45 7	-10	-0	-48 8	1177.8	-86.6	-4.2	-11.5
17TH	187.50													
		-2 5	96.2	1353	2060	-1 9	46 7	-10	-0	-46 7	1083.7	-72.5	-3.6	-10.6
18TH	200.00													
		-2.9	98.1	1353	2060	-2.1	47.6	-10	-0	-44 1	987.5	-59 6	-3.1	-9 6
19TH	212.50													
		-3.2	100.1	1353	2060	-2.4	48.6	-10	-0	-41.2	889.4	-47.8	-2.5	-8.6
20TH	225.00													
		-3.6	102.0	1353	2060	-2.6	49.5	-10	-0	-38.0	789.3	-37.3	-2.0	-7.6
21ST	237.50													
		-3.9	104.0	1353	2060	-2.9	50.5	-10	-0	-34.4	687.3	-28.1	-1.6	-6.5
22ND	250.00													
		-4.6	106.1	1353	2060	-3.4	51.5	-9	-0	-30.5	583.3	-20.2	-1.2	-5.5
23RD	262.50													
		-5.1	105.9	1353	2060	-3 8	51.4	-9	-0	-25.9	477.2	-13.5	-.8	-4.5
24TH	275.00													
		-5.2	108.2	1297	2060	-4.0	52.5	-8	-0	-20.8	371.2	-8.2	-.5	-3.6
25TH	287.50													
		-5.0	108.2	1260	2060	-3.9	52.5	-8	-0	-15.6	263.0	-4.3	-.3	-2.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR CHATTANOOGA NO WIND DIRECTIONALITY
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-5.7	112.6	1437	2472	-3.9	45.5	-12	-1	-10.6	154.8	-1.7	-.1	-1.8
ROOF	315.00	-5.0	42.2	706	1064	-7.0	39.7	-10	-1	-5.0	42.2	-.2	-.0	-.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									461.1	2165.8	-350.5	60.0	-48.1
2ND	15.50	39.8	114.0	2660	3720	14.9	30.6	-53	19	421.3	2054.9	-317.7	53.2	-41.3
3RD	24.50	21.0	72.9	1556	2160	13.5	33.8	-55	16	400.3	1981.9	-299.6	49.5	-37.0
4TH	33.50	15.3	73.4	1556	2160	9.8	34.0	-57	12	385.1	1908.5	-282.1	45.9	-32.6
5TH	42.50	15.8	75.2	1582	2160	10.0	34.8	-55	12	369.3	1833.3	-265.2	42.5	-28.2
6TH	50.00	13.4	47.5	1062	1492	12.6	31.9	-30	8	355.9	1785.8	-251.7	39.8	-26.7
7TH	62.50	24.3	66.2	1332	2044	18.2	32.4	-8	3	331.6	1719.5	-229.7	35.5	-26.1
8TH	75.00	23.0	67.6	1353	2060	17.0	32.8	-9	3	308.6	1652.0	-208.7	31.5	-25.4
9TH	87.50	22.0	71.0	1353	2060	16.2	34.5	-10	3	286.6	1581.0	-188.5	27.8	-24.7
10TH	100.00	21.0	74.4	1353	2060	15.5	36.1	-11	3	265.6	1506.5	-169.2	24.4	-23.8
11TH	112.50	20.1	77.9	1353	2060	14.8	37.8	-11	3	245.6	1428.7	-150.8	21.2	-22.9
12TH	125.00	19.1	80.7	1353	2060	14.1	39.2	-12	3	226.5	1347.9	-133.5	18.2	-21.8
13TH	137.50	18.7	81.5	1353	2060	13.8	39.6	-13	3	207.7	1266.5	-117.1	15.5	-20.8
14TH	150.00	18.5	82.2	1353	2060	13.6	39.9	-13	3	189.3	1184.2	-101.8	13.0	-19.6
15TH	162.50	18.2	83.0	1353	2060	13.4	40.3	-14	3	171.1	1101.3	-87.5	10.8	-18.4
16TH	175.00	17.9	83.7	1353	2060	13.2	40.6	-15	3	153.1	1017.5	-74.3	8.7	-17.1
17TH	187.50	17.7	84.5	1353	2060	13.0	41.0	-15	3	135.5	933.0	-62.1	6.9	-15.7
18TH	200.00	17.5	85.3	1353	2060	12.9	41.4	-16	3	118.0	847.7	-51.0	5.3	-14.3
19TH	212.50	17.3	86.1	1353	2060	12.8	41.8	-16	3	100.7	761.7	-40.9	4.0	-12.8
20TH	225.00	17.1	86.8	1353	2060	12.7	42.1	-17	3	83.6	674.9	-31.9	2.8	-11.3
21ST	237.50	17.0	87.5	1353	2060	12.5	42.5	-17	3	66.6	587.3	-24.0	1.9	-9.7
22ND	250.00	16.8	88.3	1353	2060	12.4	42.9	-18	3	49.8	499.1	-17.3	1.2	-8.1
23RD	262.50	15.3	90.0	1353	2060	11.3	43.7	-17	3	34.5	409.0	-11.6	.6	-6.5
24TH	275.00	13.1	90.5	1353	2060	9.7	43.9	-16	2	21.4	318.6	-7.0	.3	-5.1
25TH	287.50	10.5	92.7	1297	2060	8.1	45.0	-15	2	10.9	225.9	-3.6	.1	-3.6
		7.9	95.0	1260	2060	6.3	46.1	-14	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	5.4	96.4	1437	2472	3.7	39.0	-18	1	3.0	130.9	-1.4	-.0	-2.3
ROOF	315.00	-2.3	34.5	706	1064	-3.3	32.4	-17	-1	-2.3	34.5	-.2	-.0	-.6
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									914.9	1821.9	-290.3	138.9	-51.3
2ND	15.50	52.3	93.0	2660	3720	19.7	25.0	-55	31	862.6	1728.8	-262.7	125.1	-44.5
3RD	24.50	29.0	65.9	1556	2160	18.6	30.5	-57	25	833.6	1662.9	-247.5	117.5	-40.0
4TH	33.50	23.8	68.0	1556	2160	15.3	31.5	-62	22	809.8	1594.9	-232.8	110.1	-35.3
5TH	42.50	25.8	69.2	1582	2160	16.3	32.1	-60	22	784.0	1525.6	-218.8	102.9	-30.5
6TH	50.00	22.0	43.3	1062	1492	20.7	29.1	-32	16	762.6	1482.3	-207.5	97.1	-28.8
7TH	62.50	37.9	58.5	1332	2044	28.5	28.6	-9	6	724.1	1423.8	-189.3	87.8	-28.0
8TH	75.00	37.4	58.1	1353	2060	27.6	28.2	-10	6	686.7	1365.6	-171.9	79.0	-27.2
9TH	87.50	37.0	60.5	1353	2060	27.3	29.4	-11	7	649.8	1305.1	-155.2	70.6	-26.3
10TH	100.00	36.6	62.9	1353	2060	27.0	30.6	-12	7	613.2	1242.2	-139.3	62.7	-25.3
11TH	112.50	36.1	65.3	1353	2060	26.7	31.7	-13	7	577.1	1176.8	-124.2	55.3	-24.2
12TH	125.00	35.7	67.3	1353	2060	26.4	32.6	-13	7	541.3	1109.6	-109.9	48.3	-23.0
13TH	137.50	36.3	67.6	1353	2060	26.8	32.8	-14	8	505.0	1042.0	-96.4	41.8	-21.8
14TH	150.00	37.0	68.0	1353	2060	27.4	33.0	-15	8	468.0	974.0	-83.8	35.7	-20.5
15TH	162.50	37.7	68.3	1353	2060	27.9	33.2	-15	8	430.3	905.7	-72.1	30.1	-19.2
16TH	175.00	38.4	68.6	1353	2060	28.4	33.3	-16	9	391.9	837.1	-61.2	24.9	-17.8
17TH	187.50	39.1	69.0	1353	2060	28.9	33.5	-16	9	352.7	768.0	-51.2	20.3	-16.3
18TH	200.00	39.4	69.7	1353	2060	29.1	33.8	-16	9	313.3	698.3	-42.0	16.1	-14.8
19TH	212.50	39.5	70.4	1353	2060	29.2	34.2	-17	9	273.8	627.9	-33.7	12.4	-13.3
20TH	225.00	39.6	71.1	1353	2060	29.3	34.5	-17	9	234.2	556.8	-26.3	9.3	-11.7
21ST	237.50	39.8	71.8	1353	2060	29.4	34.8	-17	10	194.4	485.1	-19.8	6.6	-10.1
22ND	250.00	39.9	72.4	1353	2060	29.5	35.2	-18	10	154.5	412.6	-14.2	4.4	-8.4
23RD	262.50	38.1	74.1	1353	2060	28.2	36.0	-17	9	116.4	338.5	-9.5	2.7	-6.7
24TH	275.00	35.1	75.4	1353	2060	25.9	36.6	-17	8	81.3	263.1	-5.7	1.5	-5.2
25TH	287.50	31.1	78.0	1297	2060	23.9	37.9	-16	7	50.2	185.1	-2.9	.7	-3.7
		26.4	79.8	1260	2060	21.0	38.7	-16	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGH.	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	22.1	78.5	1437	2472	15.4	31.8	-20	6	23.8	105 3	-1.1	.2	-2.3
ROOF	315 00	1.7	26.7	706	1064	2.5	25.1	-20	1	1.7	26.7	-.1	.0	-.5
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA; NO WIND DIRECTIONALITY
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1036.1	1441.9	-230.1	168.6	-43.1
2ND	15.50	49.2	69.9	2660	3720	18.5	18.8	-54	38	986.9	1372.0	-208.2	152.9	-37.4
3RD	24.50	27.6	48.0	1556	2160	17.8	22.2	-56	32	959.3	1324.0	-196.1	144.2	-33.8
4TH	33.50	23.2	48.6	1556	2160	14.9	22.5	-62	30	936.1	1275.4	-184.4	135.7	-30.1
5TH	42.50	24.7	48.9	1582	2160	15.6	22.6	-61	31	911.4	1226.5	-173.2	127.3	-26.4
6TH	50.00	21.1	33.2	1062	1492	19.8	22.3	-30	19	890.3	1193.3	-164.1	120.6	-25.0
7TH	62.50	37.7	50.6	1332	2044	28.3	24.8	-10	7	852.6	1142.7	-149.5	109.7	-24.2
8TH	75.00	37.3	50.1	1353	2060	27.6	24.3	-10	8	815.2	1092.6	-135.5	99.3	-23.4
9TH	87.50	37.1	51.6	1353	2060	27.4	25.0	-11	8	778.1	1041.0	-122.2	89.3	-22.5
10TH	100.00	36.8	53.1	1353	2060	27.2	25.8	-12	8	741.3	987.9	-109.5	79.8	-21.6
11TH	112.50	36.5	54.5	1353	2060	27.0	26.5	-12	8	704.8	933.4	-97.5	70.8	-20.7
12TH	125.00	36.3	55.6	1353	2060	26.8	27.0	-13	8	668.5	877.8	-86.2	62.2	-19.7
13TH	137.50	38.2	55.5	1353	2060	28.2	26.9	-13	9	630.4	822.3	-75.5	54.1	-18.6
14TH	150.00	40.3	55.5	1353	2060	29.8	26.9	-13	9	590.1	766.8	-65.6	46.4	-17.5
15TH	162.50	42.4	55.4	1353	2060	31.3	26.9	-13	10	547.6	711.4	-56.4	39.3	-16.4
16TH	175.00	44.6	55.4	1353	2060	32.9	26.9	-13	10	503.1	656.0	-47.8	32.8	-15.2
17TH	187.50	46.7	55.4	1353	2060	34.5	26.9	-13	11	456.4	600.6	-40.0	26.8	-14.0
18TH	200.00	48.1	55.5	1353	2060	35.5	26.9	-13	11	408.3	545.1	-32.8	21.4	-12.7
19TH	212.50	49.2	55.5	1353	2060	36.3	26.9	-13	12	359.1	489.6	-26.3	16.6	-11.4
20TH	225.00	50.3	55.5	1353	2060	37.1	26.9	-13	12	308.8	434.1	-20.6	12.4	-10.1
21ST	237.50	51.4	55.5	1353	2060	38.0	26.9	-13	12	257.5	378.7	-15.5	8.9	-8.7
22ND	250.00	52.5	55.5	1353	2060	38.8	26.9	-14	13	205.0	323.2	-11.1	6.0	-7.3
23RD	262.50	50.4	57.2	1353	2060	37.2	27.8	-14	13	154.6	266.0	-7.4	3.7	-5.8
24TH	275.00	45.8	59.4	1353	2060	33.8	28.8	-15	11	108.8	206.6	-4.5	2.1	-4.4
25TH	287.50	40.3	61.8	1297	2060	31.1	30.0	-15	10	68.6	144.8	-2.3	1.0	-3.1
		34.2	62.9	1260	2060	27.2	30.5	-15	8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	29.3	61.4	1437	2472	20.4	24.8	-19	9	34.3	81.9	-.9	.3	-1.9
ROOF	315.00	5.0	20.5	706	1064	7.1	19.3	-21	5	5.0	20.5	-.1	0	-.5
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1191.1	978.4	-151.1	199.8	-35.5
2ND	15.50	47.6	50.5	2660	3720	17.9	13.6	-53	50	1143.5	928.0	-136.4	181.7	-30.4
3RD	24.50	26.7	31.8	1556	2160	17.2	14.7	-54	45	1116.8	896.1	-128.2	171.5	-27.5
4TH	33.50	22.5	30.5	1556	2160	14.5	14.1	-63	46	1094.3	865.6	-120.2	161.6	-24.5
5TH	42.50	23.8	29.5	1582	2160	15.0	13.7	-60	48	1070.5	836.1	-112.6	151.8	-21.6
6TH	50.00	21.0	23.2	1062	1492	19.8	15.6	-27	24	1049.5	812.9	-106.4	143.9	-20.5
7TH	62.50	40.4	39.7	1332	2044	30.3	19.4	-11	11	1009.2	773.2	-96.5	131.0	-19.6
8TH	75.00	40.9	38.6	1353	2060	30.2	18.7	-10	11	968.3	734.6	-87.1	118.6	-18.8
9TH	87.50	41.5	39.6	1353	2060	30.6	19.2	-10	11	926.8	695.0	-78.1	106.8	-17.9
10TH	100.00	42.0	40.7	1353	2060	31.1	19.8	-10	11	884.7	654.3	-69.7	95.5	-17.0
11TH	112.50	42.6	41.8	1353	2060	31.5	20.3	-10	11	842.2	612.5	-61.8	84.7	-16.1
12TH	125.00	43.2	42.2	1353	2060	31.9	20.5	-10	11	799.0	570.3	-54.4	74.4	-15.2
13TH	137.50	45.6	41.1	1353	2060	33.7	20.0	-10	11	753.4	529.2	-47.5	64.7	-14.3
14TH	150.00	48.3	40.1	1353	2060	35.7	19.4	-10	12	705.1	489.1	-41.1	55.6	-13.4
15TH	162.50	50.9	39.0	1353	2060	37.6	18.9	-9	12	654.2	450.1	-35.3	47.1	-12.4
16TH	175.00	53.6	37.9	1353	2060	39.6	18.4	-9	12	600.6	412.2	-29.9	39.3	-11.4
17TH	187.50	56.3	36.9	1353	2060	41.6	17.9	-8	13	544.3	375.4	-25.0	32.1	-10.3
18TH	200.00	57.8	36.1	1353	2060	42.7	17.5	-8	13	486.6	339.3	-20.5	25.7	-9.3
19TH	212.50	58.7	35.3	1353	2060	43.4	17.1	-8	13	427.8	304.0	-16.5	20.0	-8.3
20TH	225.00	59.7	34.5	1353	2060	44.1	16.8	-8	13	368.1	269.5	-12.9	15.0	-7.2
21ST	237.50	60.7	33.7	1353	2060	44.8	16.4	-7	13	307.4	235.8	-9.7	10.8	-6.2
22ND	250.00	61.7	32.9	1353	2060	45.6	16.0	-7	13	245.8	202.8	-7.0	7.3	-5.1
23RD	262.50	59.1	34.7	1353	2060	43.7	16.8	-8	14	186.6	168.2	-4.7	4.6	-4.0
24TH	275.00	54.1	37.8	1353	2060	40.0	18.4	-9	13	132.6	130.3	-2.8	2.6	-3.0
25TH	287.50	47.7	39.3	1297	2060	36.7	19.1	-10	12	84.9	91.0	-1.4	1.2	-2.0
		40.4	40.0	1260	2060	32.0	19.4	-10	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	35.7	38.9	1437	2472	24.9	15.7	-13	12	44.6	51.0	-.5	.4	-1.2
ROOF	315.00	8.9	12.1	706	1064	12.5	11.4	-13	10	8.9	12.1	-.1	.0	-.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1139.2	373.1	-52.7	194.1	-23.4
2ND	15.50	45.2	21.3	2660	3720	17.0	5.7	-36	76	1094.0	351.8	-47.1	176.8	-19.2
3RD	24.50	24.4	11.4	1556	2160	15.7	5.3	-34	73	1069.6	340.4	-44.0	167.1	-17.0
4TH	33.50	21.9	9.8	1556	2160	14.1	4.5	-37	83	1047.8	330.6	-41.0	157.5	-14.8
5TH	42.50	24.1	7.9	1582	2160	15.3	3.7	-26	80	1023.6	322.7	-38.1	148.2	-12.7
6TH	50.00	19.8	9.0	1062	1492	18.6	6.1	-16	35	1003.8	313.7	-35.7	140.6	-11.9
7TH	62.50	33.0	22.3	1332	2044	24.7	10.9	-11	17	970.9	291.4	-31.9	128.3	-11.1
8TH	75.00	34.3	20.8	1353	2060	25.4	10.1	-10	16	936.6	270.6	-28.4	116.4	-10.3
9TH	87.50	36.2	21.1	1353	2060	26.7	10.2	-8	14	900.4	249.5	-25.1	104.9	-9.6
10TH	100.00	38.1	21.4	1353	2060	28.1	10.4	-7	13	862.3	228.2	-22.1	93.9	-9.0
11TH	112.50	40.0	21.6	1353	2060	29.5	10.5	-6	12	822.3	206.5	-19.4	83.3	-8.3
12TH	125.00	41.8	21.1	1353	2060	30.9	10.3	-6	11	780.5	185.4	-17.0	73.3	-7.8
13TH	137.50	44.3	19.1	1353	2060	32.7	9.3	-5	11	736.2	166.3	-14.8	63.8	-7.2
14TH	150.00	46.8	17.0	1353	2060	34.6	8.3	-4	10	689.4	149.3	-12.8	54.9	-6.7
15TH	162.50	49.3	15.0	1353	2060	36.4	7.3	-3	10	640.1	134.3	-11.0	46.6	-6.1
16TH	175.00	51.8	12.9	1353	2060	38.3	6.3	-2	10	588.3	121.4	-9.4	38.9	-5.6
17TH	187.50	54.3	10.9	1353	2060	40.2	5.3	-2	9	533.9	110.5	-8.0	31.9	-5.0
18TH	200.00	55.8	10.0	1353	2060	41.2	4.9	-2	9	478.1	100.4	-6.7	25.6	-4.5
19TH	212.50	56.9	9.2	1353	2060	42.0	4.5	-1	9	421.3	91.2	-5.5	20.0	-4.0
20TH	225.00	57.9	8.5	1353	2060	42.8	4.1	-1	9	363.4	82.7	-4.4	15.1	-3.4
21ST	237.50	58.9	7.7	1353	2060	43.5	3.7	-1	9	304.4	75.1	-3.4	10.9	-2.9
22ND	250.00	60.0	6.9	1353	2060	44.3	3.3	-1	9	244.5	68.2	-2.5	7.5	-2.4
23RD	262.50	57.2	8.4	1353	2060	42.3	4.1	-2	11	187.3	59.8	-1.7	4.8	-1.7
24TH	275.00	52.4	12.5	1353	2060	38.7	6.1	-2	10	134.9	47.3	-1.0	2.8	-1.2
25TH	287.50	46.4	13.9	1297	2060	35.8	6.7	-3	10	88.5	33.4	-.5	1.4	-.7
		40.0	14.8	1260	2060	31.8	7.2	-3	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	37.0	14.1	1437	2472	25.8	5.7	-3	8	48.4	18.6	-.2	.5	-.4
ROOF	315.00	11.4	4.5	706	1064	16.1	4.2	-1	3	11.4	4.5	-.0	.1	-.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									860.1	-119.2	30.2	151.7	-11.7
2ND	15.50	35.3	-2.0	2660	3720	13.3	-.5	5	82	824.9	-117.2	28.4	138.6	-8.7
3RD	24.50	18.6	-1.1	1556	2160	11.9	-.5	5	80	806.3	-116.1	27.3	131.3	-7.3
4TH	33.50	14.4	-2.2	1556	2160	9.3	-1.0	16	103	791.8	-113.9	26.3	124.1	-5.7
5TH	42.50	17.1	-6.1	1582	2160	10.8	-2.8	23	66	774.8	-107.8	25.3	117.0	-4.5
6TH	50.00	13.9	-2.1	1062	1492	13.1	-1.4	3	22	760.8	-105.7	24.5	111.3	-4.2
7TH	62.50	22.0	9.8	1332	2044	16.5	4.8	-12	28	738.9	-115.4	23.1	101.9	-3.4
8TH	75.00	22.9	7.4	1353	2060	16.9	3.6	-8	26	716.0	-122.8	21.6	92.8	-2.8
9TH	87.50	24.3	5.9	1353	2060	18.0	2.9	-5	22	691.7	-128.7	20.0	84.0	-2.2
10TH	100.00	25.8	4.4	1353	2060	19.0	2.1	-3	18	665.9	-133.1	18.4	75.5	-1.7
11TH	112.50	27.2	2.9	1353	2060	20.1	1.4	-2	14	638.7	-136.1	16.7	67.4	-1.4
12TH	125.00	28.7	1.1	1353	2060	21.2	.6	-0	10	610.0	-137.2	15.0	59.6	-1.1
13TH	137.50	30.9	-1.0	1353	2060	22.8	-.5	0	8	579.1	-136.3	13.3	52.1	-.8
14TH	150.00	33.1	-3.0	1353	2060	24.5	-1.5	1	6	546.0	-133.2	11.6	45.1	-.6
15TH	162.50	35.4	-5.1	1353	2060	26.1	-2.5	1	5	510.6	-128.1	10.0	38.5	-.4
16TH	175.00	37.6	-7.2	1353	2060	27.8	-3.5	1	3	473.0	-120.9	8.4	32.3	-.3
17TH	187.50	39.9	-9.3	1353	2060	29.5	-4.5	1	2	433.2	-111.5	7.0	26.7	-.2
18TH	200.00	41.8	-10.3	1353	2060	30.9	-5.0	1	2	391.4	-101.2	5.7	21.5	-.1
19TH	212.50	43.6	-11.2	1353	2060	32.2	-5.4	1	3	347.8	-90.9	4.5	16.9	.0
20TH	225.00	45.4	-12.0	1353	2060	33.5	-5.8	1	3	302.4	-78.9	3.4	12.8	.1
21ST	237.50	47.2	-12.9	1353	2060	34.8	-6.2	1	3	255.3	-65.1	2.5	9.3	.3
22ND	250.00	49.0	-13.7	1353	2060	36.2	-6.7	1	3	206.3	-51.4	1.8	6.5	.4
23RD	262.50	46.8	-12.2	1353	2060	34.5	-5.9	1	4	159.5	-39.2	1.2	4.2	.6
24TH	275.00	43.2	-7.7	1353	2060	31.9	-3.7	1	3	116.4	-31.5	.8	2.5	.8
25TH	287.50	38.3	-7.7	1297	2060	29.6	-3.7	-0	-1	78.0	-23.8	.4	1.2	.7
		33.8	-7.4	1260	2060	26.8	-3.6	-1	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									44.2	-16.4	.2	.5	.5
		32.4	-11.6	1437	2472	22.5	-4.7	-3	-10					
ROOF	315.00									11.9	-4.7	.0	.1	.2
		11.9	-4.7	706	1064	16.8	-4.5	-5	-13					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									613.2	-693.6	118.8	117.8	3.0
2ND	15.50	20.3	-39.5	2660	3720	7.6	-10.6	9	4	592.9	-654.1	108.3	108.5	3.4
3RD	24.50	10.4	-21.6	1556	2160	6.7	-10.0	3	1	582.5	-632.5	102.5	103.2	3.5
4TH	33.50	7.2	-20.9	1556	2160	4.6	-9.7	3	1	575.4	-611.6	96.9	98.0	3.6
5TH	42.50	7.9	-22.6	1582	2160	5.0	-10.5	-5	-2	567.5	-589.1	91.5	92.8	3.4
6TH	50.00	6.8	-14.8	1062	1492	6.4	-9.9	-16	-7	560.7	-574.3	87.2	88.6	3.2
7TH	62.50	12.7	-15.2	1332	2044	9.5	-7.4	2	2	548.0	-559.1	80.1	81.7	3.2
8TH	75.00	12.8	-16.9	1353	2060	9.4	-8.2	2	2	535.3	-542.2	73.2	74.9	3.3
9TH	87.50	13.7	-18.1	1353	2060	10.1	-8.8	2	2	521.6	-524.1	66.5	68.3	3.3
10TH	100.00	14.6	-19.3	1353	2060	10.8	-9.4	2	2	507.0	-504.8	60.1	61.9	3.4
11TH	112.50	15.5	-20.5	1353	2060	11.5	-9.9	2	1	491.5	-484.3	53.9	55.6	3.5
12TH	125.00	16.4	-21.7	1353	2060	12.1	-10.5	1	1	475.0	-462.6	48.0	49.6	3.5
13TH	137.50	18.7	-23.0	1353	2060	13.8	-11.1	1	1	456.3	-439.6	42.4	43.8	3.5
14TH	150.00	21.1	-24.2	1353	2060	15.6	-11.8	1	1	435.3	-415.4	37.0	38.2	3.6
15TH	162.50	23.5	-25.5	1353	2060	17.4	-12.4	1	1	411.8	-389.9	32.0	32.9	3.6
16TH	175.00	25.9	-26.8	1353	2060	19.1	-13.0	1	1	385.9	-363.2	27.3	27.9	3.6
17TH	187.50	28.3	-28.1	1353	2060	20.9	-13.7	0	0	357.6	-335.0	22.9	23.3	3.7
18TH	200.00	30.5	-29.1	1353	2060	22.5	-14.1	0	0	327.1	-305.9	18.9	19.0	3.7
19TH	212.50	32.5	-29.9	1353	2060	24.0	-14.5	-0	-0	294.6	-276.0	15.3	15.1	3.6
20TH	225.00	34.6	-30.8	1353	2060	25.5	-14.9	-1	-1	260.0	-245.2	12.0	11.6	3.6
21ST	237.50	36.6	-31.6	1353	2060	27.1	-15.3	-1	-1	223.4	-213.6	9.2	8.6	3.5
22ND	250.00	38.7	-32.4	1353	2060	28.6	-15.7	-1	-2	184.7	-181.2	6.7	6.1	3.4
23RD	262.50	37.8	-32.2	1353	2060	27.9	-15.6	-4	-5	146.9	-149.0	4.6	4.0	3.1
24TH	275.00	37.1	-28.9	1353	2060	27.4	-14.0	-4	-5	109.8	-120.1	2.9	2.4	2.8
25TH	287.50	34.2	-28.9	1297	2060	26.4	-14.0	-8	-9	75.6	-91.2	1.6	1.2	2.2
		31.6	-30.3	1260	2060	25.1	-14.7	-12	-12					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	31.4	-42.6	1437	2472	21.8	-17.2	-16	-12	44.0	-60.8	.7	.5	1.5
ROOF	315.00	12.6	-18.2	706	1064	17.8	-17.1	-15	-10	12.6	-18.2	.1	.1	.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									581.7	-1104.9	175.3	113.7	10.9
2ND	15.50	17.9	-59.6	2660	3720	6.7	-16.0	-3	-1	563.8	-1045.3	158.6	104.8	10.7
3RD	24.50	9.3	-33.6	1556	2160	6.0	-15.6	-9	-3	554.5	-1011.6	149.4	99.8	10.4
4TH	33.50	7.4	-34.0	1556	2160	4.7	-15.7	-10	-2	547.1	-977.6	140.4	94.8	10.0
5TH	42.50	7.9	-36.8	1582	2160	5.0	-17.0	-13	-3	539.3	-940.9	131.8	89.9	9.6
6TH	50.00	6.2	-26.6	1062	1492	5.9	-17.8	-11	-3	533.0	-914.2	124.8	85.9	9.2
7TH	62.50	12.8	-38.6	1332	2044	9.6	-18.9	-6	-2	520.2	-875.6	113.6	79.3	9.0
8TH	75.00	13.1	-40.0	1353	2060	9.7	-19.4	-6	-2	507.1	-835.6	102.9	72.9	8.7
9TH	87.50	13.5	-40.7	1353	2060	10.0	-19.8	-7	-2	493.6	-794.9	92.8	66.6	8.4
10TH	100.00	14.0	-41.4	1353	2060	10.3	-20.1	-7	-2	479.6	-753.5	83.1	60.5	8.1
11TH	112.50	14.4	-42.1	1353	2060	10.6	-20.4	-8	-3	465.2	-711.4	73.9	54.6	7.7
12TH	125.00	14.8	-42.5	1353	2060	10.9	-20.6	-8	-3	450.4	-668.9	65.3	48.9	7.3
13TH	137.50	16.6	-42.8	1353	2060	12.2	-20.8	-7	-3	433.8	-626.1	57.2	43.4	7.0
14TH	150.00	18.4	-43.0	1353	2060	13.6	-20.9	-6	-3	415.4	-583.1	49.6	38.1	6.6
15TH	162.50	20.3	-43.3	1353	2060	15.0	-21.0	-5	-3	395.1	-539.8	42.6	33.0	6.4
16TH	175.00	22.2	-43.5	1353	2060	16.4	-21.1	-4	-2	372.9	-496.3	36.1	28.2	6.1
17TH	187.50	24.1	-43.7	1353	2060	17.8	-21.2	-4	-2	348.9	-452.6	30.2	23.7	5.9
18TH	200.00	26.3	-43.4	1353	2060	19.4	-21.1	-3	-2	322.6	-409.2	24.8	19.5	5.7
19TH	212.50	28.6	-43.2	1353	2060	21.2	-21.0	-3	-2	294.0	-366.0	20.0	15.7	5.5
20TH	225.00	31.0	-42.9	1353	2060	22.9	-20.8	-3	-2	263.0	-323.1	15.7	12.2	5.3
21ST	237.50	33.3	-42.6	1353	2060	24.6	-20.7	-3	-2	229.7	-280.5	11.9	9.1	5.1
22ND	250.00	35.7	-42.3	1353	2060	26.4	-20.6	-3	-2	194.0	-238.1	8.7	6.4	4.9
23RD	262.50	37.0	-43.7	1353	2060	27.3	-21.2	-9	-7	157.0	-194.5	6.0	4.3	4.3
24TH	275.00	39.1	-39.7	1353	2060	28.9	-19.3	-7	-7	117.9	-154.8	3.8	2.5	3.7
25TH	287.50	37.4	-37.7	1297	2060	28.8	-18.3	-11	-11	80.5	-117.1	2.1	1.3	2.9
		34.4	-39.3	1260	2060	27.3	-19.1	-15	-13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 51.0 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
26TH	300.00									46.1	-77.8	.9	.5	1.8
		32.9	-54.9	1437	2472	22.9	-22.2	-19	-11					
ROOF	315.00									13.2	-22.9	.1	.1	.4
		13.2	-22.9	706	1064	18.6	-21.5	-14	-8					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1346.1	-1406.5	208.4	220.0	-15.9
2ND	15.50	76.3	-80.1	2660	3720	28.7	-21.5	25	24	1269.8	-1326.4	187.2	199.7	-12.0
3RD	24.50	43.7	-44.6	1556	2160	28.1	-20.6	25	24	1226.1	-1281.9	175.4	188.5	-9.9
4TH	33.50	43.0	-45.3	1556	2160	27.6	-21.0	25	24	1183.2	-1236.5	164.1	177.7	-7.8
5TH	42.50	45.1	-49.4	1582	2160	28.5	-22.9	22	20	1138.1	-1187.1	153.2	167.2	-5.8
6TH	50.00	29.1	-39.8	1062	1492	27.4	-26.7	11	8	1109.0	-1147.3	144.4	158.8	-5.1
7TH	62.50	35.6	-61.9	1332	2044	26.7	-30.3	0	0	1073.4	-1085.4	130.5	145.1	-5.1
8TH	75.00	37.8	-62.7	1353	2060	27.9	-30.5	1	1	1035.6	-1022.7	117 3	132.0	-5.0
9TH	87.50	40.2	-61.7	1353	2060	29.7	-29.9	2	1	995.4	-961.0	104.9	119.3	-4.8
10TH	100.00	42.5	-60.6	1353	2060	31.4	-29.4	2	2	952.9	-900.4	93.3	107.1	-4.6
11TH	112.50	44.9	-59.5	1353	2060	33.2	-28.9	3	2	908.0	-840.9	82.4	95.5	-4.3
12TH	125.00	47.2	-58.4	1353	2060	34.9	-28.4	4	3	860.8	-782.5	72.3	84.4	-3.9
13TH	137.50	48.9	-57.6	1353	2060	36.1	-28.0	4	4	811.9	-724.9	62.8	74.0	-3.5
14TH	150.00	50.5	-56.7	1353	2060	37.3	-27.5	5	4	761.4	-668.1	54.1	64.1	-3.0
15TH	162.50	52.1	-55.9	1353	2060	38.5	-27.1	5	5	709.4	-612.3	46.1	54.9	-2.5
16TH	175.00	53.6	-55 0	1353	2060	39.6	-26.7	6	6	655.7	-557.2	38.8	46.4	-1.9
17TH	187.50	55.2	-54.1	1353	2060	40.8	-26.3	6	6	600.5	-503.1	32.2	38.5	-1.2
18TH	200.00	56.5	-53.0	1353	2060	41.7	-25.7	6	6	544.0	-450.1	26.2	31.4	-.5
19TH	212.50	57.6	-52.0	1353	2060	42.6	-25.2	5	6	486.4	-398.1	20.9	24.9	.1
20TH	225.00	58.8	-50.9	1353	2060	43.4	-24.7	5	6	427.6	-347.2	16.3	19.2	.7
21ST	237.50	59.9	-49.9	1353	2060	44.3	-24.2	5	6	367.7	-297.3	12.2	14.3	1.3
22ND	250.00	61.1	-48.9	1353	2060	45.1	-23.7	5	6	306.6	-248.4	8.8	10.1	1.9
23RD	262.50	61.3	-46.9	1353	2060	45.3	-22.8	0	0	245.3	-201.5	6.0	6.6	1.9
24TH	275.00	62.2	-43.8	1353	2060	45.9	-21.2	0	1	183.1	-157.8	3.8	3.9	2.0
25TH	287.50	58.3	-40.5	1297	2060	44.9	-19.6	-3	-4	124.9	-117.3	2.1	2.0	1.6
		53.3	-41.3	1260	2060	42.3	-20.1	-6	-7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									71.5	-76.0	.8	.8	1.0
		51.9	-52.9	1437	2472	36.1	-21.4	-8	-8					
ROOF	315.00									19.6	-23.1	.1	.1	.2
		19.6	-23.1	706	1064	27.8	-21.7	-5	-4					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1444.4	-1646.6	250.1	226.0	-11.6
2ND	15.50	89.5	-91.0	2660	3720	33.6	-24.5	26	26	1354.9	-1555.6	225.3	204.3	-6.9
3RD	24.50	55.7	-50.2	1556	2160	35.8	-23.2	26	29	1299.3	-1505.4	211.5	192.4	-4.0
4TH	33.50	55.1	-50.0	1556	2160	35.4	-23.1	27	30	1244.2	-1455.4	198.2	180.9	-1.0
5TH	42.50	57.9	-52.6	1582	2160	36.6	-24.4	25	27	1186.3	-1402.8	185.3	170.0	1.9
6TH	50.00	35.8	-42.5	1062	1492	33.7	-28.5	14	12	1150.4	-1360.3	175.0	161.2	2.9
7TH	62.50	39.0	-67.5	1332	2044	29.3	-33.0	-0	-0	1111.4	-1292.8	158.4	147.1	2.9
8TH	75.00	41.8	-69.1	1353	2060	30.9	-33.5	-0	-0	1069.6	-1223.7	142.6	133.5	2.9
9TH	87.50	44.5	-68.6	1353	2060	32.9	-33.3	-0	-0	1025.1	-1155.0	127.8	120.4	2.9
10TH	100.00	47.2	-68.2	1353	2060	34.9	-33.1	0	0	977.9	-1086.8	113.8	107.9	2.9
11TH	112.50	49.9	-67.7	1353	2060	36.9	-32.9	0	0	928.0	-1019.1	100.6	95.9	2.9
12TH	125.00	52.6	-67.3	1353	2060	38.9	-32.7	1	0	875.3	-951.8	88.3	84.7	3.0
13TH	137.50	53.6	-67.0	1353	2060	39.6	-32.5	1	1	821.8	-884.8	76.8	74.1	3.1
14TH	150.00	54.3	-66.7	1353	2060	40.2	-32.4	1	1	767.4	-818.2	66.2	64.1	3.2
15TH	162.50	55.1	-66.4	1353	2060	40.7	-32.2	1	1	712.3	-751.8	56.3	54.9	3.3
16TH	175.00	55.9	-66.1	1353	2060	41.3	-32.1	1	1	656.4	-685.7	47.4	46.3	3.5
17TH	187.50	56.6	-65.6	1353	2060	41.8	-31.9	2	1	599.8	-620.1	39.2	38.5	3.7
18TH	200.00	57.4	-64.9	1353	2060	42.4	-31.5	1	1	542.4	-555.2	31.9	31.3	3.8
19TH	212.50	58.2	-64.3	1353	2060	43.0	-31.2	1	1	484.2	-490.9	25.3	24.9	3.9
20TH	225.00	59.1	-63.6	1353	2060	43.6	-30.9	1	1	425.1	-427.3	19.6	19.2	4.0
21ST	237.50	59.9	-62.9	1353	2060	44.2	-30.6	0	0	365.3	-364.4	14.6	14.3	4.1
22ND	250.00	60.7	-62.3	1353	2060	44.8	-30.2	0	0	304.6	-302.1	10.5	10.1	4.1
23RD	262.50	60.6	-57.8	1353	2060	44.7	-28.1	-4	-4	244.0	-244.3	7.1	6.7	3.6
24TH	275.00	60.6	-56.6	1353	2060	44.8	-27.5	-3	-4	183.4	-187.6	4.4	4.0	3.2
25TH	287.50	56.7	-51.4	1297	2060	43.7	-24.9	-7	-8	126.6	-136.2	2.3	2.1	2.4
		52.2	-50.9	1260	2060	41.4	-24.7	-9	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; UNITED AMERICAN CNTR, CHATTANOOGA; NO WIND DIRECTIONALITY
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	52.3	-59.9	1437	2472	36.4	-24.2	-11	-9	74.5	-85.4	.9	.8	1.4
ROOF	315.00	22.2	-25.5	706	1064	31.4	-23.9	-6	-5	22.2	-25.5	.1	.1	.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1374.5	-1902.1	290.4	214.0	-1.9
2ND	15.50	84.1	-107.0	2660	3720	31.6	-28.8	22	17	1290.4	-1795.2	261.8	193.3	1.9
3RD	24.50	55.6	-57.5	1556	2160	35.7	-26.6	24	23	1234.9	-1737.7	245.9	182.0	4.5
4TH	33.50	55.2	-57.4	1556	2160	35.5	-26.6	25	24	1179.7	-1680.3	230.5	171.1	7.3
5TH	42.50	57.8	-60.5	1582	2160	36.5	-28.0	23	22	1121.9	-1619.8	215.6	160.7	9.9
6TH	50.00	35.0	-45.8	1062	1492	32.9	-30.7	14	11	1086.9	-1573.9	203.7	152.5	10.9
7TH	62.50	37.2	-71.5	1332	2044	27.9	-35.0	-2	-1	1049.7	-1502.5	184.4	139.1	10.8
8TH	75.00	39.6	-74.6	1353	2060	29.3	-36.2	-2	-1	1010.1	-1427.9	166.1	126.2	10.6
9TH	87.50	42.1	-75.7	1353	2060	31.1	-36.7	-2	-1	968.0	-1352.2	148.7	113.9	10.4
10TH	100.00	44.5	-76.7	1353	2060	32.9	-37.2	-2	-1	923.4	-1275.5	132.3	102.0	10.2
11TH	112.50	47.0	-77.8	1353	2060	34.7	-37.8	-3	-2	876.4	-1197.7	116.9	90.8	9.9
12TH	125.00	49.5	-78.7	1353	2060	36.6	-38.2	-3	-2	827.0	-1119.0	102.4	80.1	9.6
13TH	137.50	50.5	-78.8	1353	2060	37.3	-38.2	-3	-2	776.5	-1040.2	88.9	70.1	9.3
14TH	150.00	51.3	-78.9	1353	2060	37.9	-38.3	-3	-2	725.2	-961.3	76.4	60.7	9.0
15TH	162.50	52.1	-79.0	1353	2060	38.5	-38.3	-3	-2	673.1	-882.3	64.9	52.0	8.6
16TH	175.00	52.9	-79.1	1353	2060	39.1	-38.4	-3	-2	620.2	-803.2	54.3	43.9	8.3
17TH	187.50	53.7	-79.0	1353	2060	39.7	-38.4	-3	-2	566.5	-724.2	44.8	36.5	8.0
18TH	200.00	54.4	-78.1	1353	2060	40.2	-37.9	-3	-2	512.1	-646.1	36.2	29.8	7.6
19TH	212.50	54.9	-77.3	1353	2060	40.6	-37.5	-3	-2	457.3	-568.9	28.6	23.7	7.2
20TH	225.00	55.4	-76.4	1353	2060	41.0	-37.1	-3	-2	401.8	-492.5	22.0	18.3	6.9
21ST	237.50	56.0	-75.6	1353	2060	41.4	-36.7	-4	-3	345.9	-416.9	16.3	13.7	6.4
22ND	250.00	56.5	-74.7	1353	2060	41.7	-36.3	-4	-3	289.4	-342.2	11.6	9.7	6.0
23RD	262.50	56.8	-67.4	1353	2060	42.0	-32.7	-8	-7	232.5	-274.8	7.7	6.4	5.1
24TH	275.00	57.0	-68.6	1353	2060	42.2	-33.3	-7	-6	175.5	-206.3	4.7	3.9	4.3
25TH	287.50	53.4	-58.2	1297	2060	41.2	-28.3	-11	-10	122.1	-148.0	2.5	2.0	3.2
		49.9	-57.8	1260	2060	39.7	-28.0	-13	-11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									72.1	-90.3	1.0	.8	1.8
		50.6	-64.6	1437	2472	35.2	-26.1	-14	-11					
ROOF	315.00									21.6	-25.6	.1	.1	.4
		21.6	-25.6	706	1064	30.5	-24.1	-9	-7					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									1169.4	-2093.8	320.2	184.0	6.9
2ND	15.50	67.1	-120.3	2660	3720	25.2	-32.3	14	8	1102.3	-1973.5	288.7	166.4	9.0
3RD	24.50	45.9	-68.0	1556	2160	29.5	-31.5	16	11	1056.4	-1905.6	271.3	156.7	10.6
4TH	33.50	47.7	-68.3	1556	2160	30.6	-31.6	18	12	1008.8	-1837.3	254.4	147.4	12.4
5TH	42.50	50.8	-70.4	1582	2160	32.1	-32.6	18	13	958.0	-1766.9	238.2	138.5	14.4
6TH	50.00	30.5	-48.3	1062	1492	28.7	-32.3	12	8	927.5	-1718.6	225.1	131.5	15.2
7TH	62.50	31.1	-71.8	1332	2044	23.4	-35.1	-2	-1	896.4	-1646.8	204.1	120.1	15.0
8TH	75.00	33.1	-76.0	1353	2060	24.5	-36.9	-3	-1	863.3	-1570.8	184.0	109.1	14.8
9TH	87.50	35.2	-78.5	1353	2060	26.0	-38.1	-3	-1	828.0	-1492.4	164.8	98.5	14.5
10TH	100.00	37.3	-81.0	1353	2060	27.6	-39.3	-4	-2	790.7	-1411.4	146.7	88.4	14.1
11TH	112.50	39.4	-83.5	1353	2060	29.1	-40.5	-4	-2	751.3	-1327.9	129.6	78.7	13.7
12TH	125.00	41.5	-85.6	1353	2060	30.7	-41.6	-5	-2	709.9	-1242.3	113.5	69.6	13.2
13TH	137.50	42.4	-86.1	1353	2060	31.3	-41.8	-5	-2	667.5	-1156.1	98.5	61.0	12.6
14TH	150.00	43.2	-86.6	1353	2060	31.9	-42.1	-5	-3	624.3	-1069.5	84.6	52.9	12.1
15TH	162.50	43.9	-87.1	1353	2060	32.4	-42.3	-6	-3	580.4	-982.4	71.8	45.4	11.5
16TH	175.00	44.7	-87.6	1353	2060	33.0	-42.5	-6	-3	535.7	-894.7	60.1	38.4	10.8
17TH	187.50	45.4	-87.9	1353	2060	33.6	-42.7	-6	-3	490.3	-806.8	49.4	32.0	10.1
18TH	200.00	46.0	-87.3	1353	2060	34.0	-42.4	-6	-3	444.2	-719.5	39.9	26.2	9.5
19TH	212.50	46.6	-86.7	1353	2060	34.4	-42.1	-6	-3	397.7	-632.9	31.4	20.9	8.8
20TH	225.00	47.1	-86.1	1353	2060	34.8	-41.8	-6	-3	350.6	-546.7	24.1	16.2	8.1
21ST	237.50	47.6	-85.6	1353	2060	35.2	-41.5	-6	-3	302.9	-461.2	17.8	12.1	7.4
22ND	250.00	48.2	-85.0	1353	2060	35.6	-41.3	-6	-3	254.8	-376.2	12.5	8.7	6.7
23RD	262.50	49.1	-74.2	1353	2060	36.3	-36.0	-9	-6	205.7	-302.0	8.3	5.8	5.7
24TH	275.00	49.3	-77.6	1353	2060	36.4	-37.7	-8	-5	156.4	-224.4	5.0	3.5	4.8
25TH	287.50	46.3	-64.8	1297	2060	35.7	-31.5	-14	-10	110.1	-159.6	2.6	1.9	3.5
		43.7	-65.0	1260	2060	34.7	-31.6	-15	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	45.3	-69.4	1437	2472	31.5	-28.1	-16	-10	66.4	-94.5	1.0	.8	2.1
ROOF	315.00	21.2	-25.2	706	1064	30.0	-23.6	-11	-9	21.2	-25.2	.1	.1	.5
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									801.0	-2257.4	346.9	127.0	13.9
2ND	15.50	45.8	-130.0	2660	3720	17.2	-34.9	3	1	755.2	-2127.4	313.0	115.0	14.3
3RD	24.50	32.8	-74.4	1556	2160	21.1	-34.5	6	3	722.4	-2052.9	294.1	108.3	14.9
4TH	33.50	36.5	-75.4	1556	2160	23.5	-34.9	9	4	685.9	-1977.5	276.0	102.0	15.7
5TH	42.50	40.2	-77.9	1582	2160	25.4	-36.0	10	5	645.7	-1899.6	258.6	96.0	16.7
6TH	50.00	22.6	-49.9	1062	1492	21.3	-33.4	9	4	623.1	-1849.8	244.5	91.3	17.3
7TH	62.50	18.9	-72.6	1332	2044	13.5	-35.5	-3	-1	605.1	-1777.2	221.8	83.6	17.0
8TH	75.00	19.5	-77.9	1353	2060	14.4	-37.8	-4	-1	585.6	-1699.3	200.1	76.1	16.7
9TH	87.50	21.3	-81.5	1353	2060	15.8	-39.6	-5	-1	564.2	-1617.8	179.4	68.9	16.2
10TH	100.00	23.1	-85.2	1353	2060	17.1	-41.3	-6	-2	541.1	-1532.6	159.7	62.0	15.7
11TH	112.50	24.9	-88.8	1353	2060	18.4	-43.1	-6	-2	516.1	-1443.8	141.1	55.4	15.1
12TH	125.00	26.7	-91.8	1353	2060	19.8	-44.5	-7	-2	489.4	-1352.0	123.6	49.1	14.4
13TH	137.50	27.6	-92.5	1353	2060	20.4	-44.9	-7	-2	461.8	-1259.5	107.3	43.2	13.7
14TH	150.00	28.3	-93.3	1353	2060	20.9	-45.3	-7	-2	433.5	-1166.3	92.1	37.6	13.0
15TH	162.50	29.0	-94.0	1353	2060	21.5	-45.6	-7	-2	404.5	-1072.2	78.1	32.4	12.2
16TH	175.00	29.8	-94.8	1353	2060	22.0	-46.0	-7	-2	374.7	-977.5	65.3	27.5	11.4
17TH	187.50	30.5	-95.4	1353	2060	22.5	-46.3	-8	-2	344.2	-882.1	53.7	23.0	10.6
18TH	200.00	31.0	-95.2	1353	2060	22.9	-46.2	-8	-3	313.2	-786.9	43.3	18.9	9.8
19TH	212.50	31.5	-95.0	1353	2060	23.3	-46.1	-8	-3	281.7	-691.9	34.0	15.2	9.0
20TH	225.00	31.9	-94.9	1353	2060	23.6	-46.0	-8	-3	249.8	-597.1	26.0	11.9	8.2
21ST	237.50	32.4	-94.7	1353	2060	23.9	-46.0	-8	-3	217.4	-502.4	19.1	8.9	7.3
22ND	250.00	32.8	-94.6	1353	2060	24.2	-45.9	-8	-3	184.6	-407.8	13.4	6.4	6.4
23RD	262.50	34.5	-80.9	1353	2060	25.5	-39.3	-11	-5	150.1	-327.0	8.8	4.3	5.4
24TH	275.00	34.0	-85.3	1353	2060	25.1	-41.4	-10	-4	116.1	-241.6	5.3	2.7	4.3
25TH	287.50	32.7	-71.1	1297	2060	25.2	-34.5	-16	-7	83.4	-170.5	2.7	1.4	3.0
		32.3	-73.2	1260	2060	25.7	-35.5	-14	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	34.6	-74.0	1437	2472	24.1	-29.9	-15	-7	51.1	-97.3	1.0	.6	1.8
ROOF	315.00	16.5	-23.3	706	1064	23.3	-21.9	-12	-9	16.5	-23.3	.1	.1	.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									373.8	-2414.7	371.6	52.5	19.6
2ND	15.50	31.4	-144.6	2660	3720	11.8	-38.9	-6	-1	342.4	-2270.1	335.3	47.0	18.6
3RD	24.50	24.4	-82.4	1556	2160	15.7	-38.1	-3	-1	318.0	-2187.7	315.2	44.0	18.4
4TH	33.50	27.2	-83.1	1556	2160	17.5	-38.5	-1	-0	290.8	-2104.6	295.9	41.3	18.3
5TH	42.50	29.4	-84.6	1582	2160	18.6	-39.2	0	0	261.3	-2020.0	277.3	38.8	18.3
6TH	50.00	14.5	-52.8	1062	1492	13.7	-35.4	3	1	246.8	-1967.1	262.4	36.9	18.5
7TH	62.50	7.8	-75.0	1332	2044	5.9	-36.7	-3	-0	239.0	-1892.2	238.3	33.8	18.2
8TH	75.00	8.1	-80.2	1353	2060	6.0	-38.9	-4	-0	230.9	-1812.0	215.1	30.9	17.9
9TH	87.50	8.6	-84.3	1353	2060	6.4	-40.9	-5	-1	222.2	-1727.6	193.0	28.1	17.4
10TH	100.00	9.2	-88.5	1353	2060	6.8	-42.9	-7	-1	213.0	-1639.2	171.9	25.3	16.8
11TH	112.50	9.8	-92.6	1353	2060	7.2	-44.9	-8	-1	203.3	-1546.6	152.0	22.7	16.1
12TH	125.00	10.3	-95.9	1353	2060	7.6	-46.6	-8	-1	193.0	-1450.7	133.3	20.3	15.3
13TH	137.50	10.5	-97.1	1353	2060	7.8	-47.1	-9	-1	182.4	-1353.6	115.8	17.9	14.5
14TH	150.00	10.7	-98.4	1353	2060	7.9	-47.7	-9	-1	171.7	-1255.2	99.5	15.7	13.6
15TH	162.50	10.9	-99.6	1353	2060	8.1	-48.3	-9	-1	160.8	-1155.6	84.4	13.6	12.7
16TH	175.00	11.1	-100.8	1353	2060	8.2	-48.9	-9	-1	149.7	-1054.8	70.6	11.7	11.7
17TH	187.50	11.3	-101.9	1353	2060	8.3	-49.5	-10	-1	138.4	-952.9	58.0	9.9	10.7
18TH	200.00	11.4	-102.1	1353	2060	8.4	-49.6	-10	-1	127.1	-850.8	46.8	8.2	9.6
19TH	212.50	11.5	-102.3	1353	2060	8.5	-49.7	-10	-1	115.6	-748.6	36.8	6.7	8.6
20TH	225.00	11.5	-102.5	1353	2060	8.5	-49.8	-10	-1	104.0	-646.0	28.0	5.3	7.5
21ST	237.50	11.6	-102.7	1353	2060	8.6	-49.9	-10	-1	92.4	-543.3	20.6	4.1	6.4
22ND	250.00	11.7	-103.0	1353	2060	8.7	-50.0	-11	-1	80.7	-440.4	14.5	3.0	5.3
23RD	262.50	13.8	-87.2	1353	2060	10.2	-42.3	-12	-2	66.9	-353.1	9.5	2.1	4.2
24TH	275.00	11.9	-91.8	1353	2060	8.8	-44.6	-11	-1	55.0	-261.3	5.7	1.3	3.2
25TH	287.50	12.6	-76.6	1297	2060	9.7	-37.2	-15	-2	42.4	-184.7	2.9	.7	2.0
		15.6	-80.7	1260	2060	12.4	-39.2	-11	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									26.8	-104.0	1.1	.3	1.1
		18.4	-80.1	1437	2472	12.8	-32.4	-10	-2					
ROOF	315.00									8.4	-23.9	.1	.0	.3
		8.4	-23.9	706	1064	11.8	-22.4	-11	-4					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									45.7	-2455.9	377.5	-5.8	17.9
2ND	15.50	19.6	-145.3	2660	3720	7.4	-39.1	-14	-2	26.1	-2310.7	340.6	-6.4	15.8
3RD	24.50	18.0	-83.0	1556	2160	11.6	-38.4	-11	-2	8.2	-2227.6	320.2	-6.6	14.9
4TH	33.50	17.1	-83.4	1556	2160	11.0	-38.6	-12	-2	-9.0	-2144.3	300.5	-6.5	13.9
5TH	42.50	15.4	-84.4	1582	2160	9.7	-39.1	-13	-2	-24.3	-2059.9	281.6	-6.4	12.7
6TH	50.00	5.9	-52.9	1062	1492	5.5	-35.5	-5	-1	-30.2	-2007.0	266.3	-6.2	12.4
7TH	62.50	3.4	-77.1	1332	2044	2.6	-37.7	-2	-0	-33.6	-1929.8	241.7	-5.8	12.3
8TH	75.00	3.0	-82.5	1353	2060	2.2	-40.1	-3	-0	-36.6	-1847.3	218.1	-5.4	12.0
9TH	87.50	2.1	-87.0	1353	2060	1.6	-42.2	-4	-0	-38.7	-1760.3	195.6	-4.9	11.6
10TH	100.00	1.3	-91.4	1353	2060	.9	-44.4	-5	-0	-40.0	-1668.9	174.1	-4.4	11.2
11TH	112.50	.4	-95.9	1353	2060	.3	-46.6	-6	-0	-40.4	-1573.0	153.9	-3.9	10.7
12TH	125.00	-.4	-99.3	1353	2060	-.3	-48.2	-6	0	-40.0	-1473.7	134.8	-3.4	10.0
13TH	137.50	-1.0	-100.2	1353	2060	-.8	-48.6	-6	0	-39.0	-1373.4	117.0	-2.9	9.4
14TH	150.00	-1.7	-101.1	1353	2060	-1.2	-49.1	-6	0	-37.3	-1272.4	100.5	-2.4	8.8
15TH	162.50	-2.3	-102.0	1353	2060	-1.7	-49.5	-7	0	-35.1	-1170.4	85.2	-2.0	8.1
16TH	175.00	-2.9	-102.8	1353	2060	-2.1	-49.9	-7	0	-32.2	-1067.6	71.3	-1.5	7.4
17TH	187.50	-3.5	-103.6	1353	2060	-2.6	-50.3	-7	0	-28.7	-964.0	58.6	-1.2	6.7
18TH	200.00	-3.8	-103.7	1353	2060	-2.8	-50.3	-7	0	-24.9	-860.3	47.2	-.8	6.0
19TH	212.50	-3.9	-103.9	1353	2060	-2.9	-50.4	-7	0	-21.0	-756.4	37.1	-.5	5.2
20TH	225.00	-4.0	-104.1	1353	2060	-3.0	-50.5	-7	0	-17.0	-652.3	28.2	-.3	4.5
21ST	237.50	-4.2	-104.3	1353	2060	-3.1	-50.6	-7	0	-12.8	-548.0	20.7	-.1	3.7
22ND	250.00	-4.3	-104.5	1353	2060	-3.2	-50.7	-7	0	-8.5	-443.5	14.5	.0	3.0
23RD	262.50	-3.5	-88.2	1353	2060	-2.6	-42.8	-8	0	-5.1	-355.3	9.6	.1	2.2
24TH	275.00	-5.3	-94.0	1353	2060	-3.9	-45.6	-7	0	.2	-261.2	5.7	.1	1.5
25TH	287.50	-3.7	-75.4	1297	2060	-2.9	-36.6	-8	0	3.9	-185.8	2.9	.1	.9
		-.3	-80.5	1260	2060	-.2	-39.1	-5	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									4.2	-105.4	1.1	.1	.5
		2.3	-80.6	1437	2472	1.6	-32.6	-4	-0					
ROOF	315.00									2.0	-24.8	.1	.0	.1
		2.0	-24.8	706	1064	2.8	-23.3	-6	-0					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									37.6	-2366.2	372.4	5.2	5.3
2ND	15.50	5.6	-125.8	2660	3720	2.1	-33.8	-17	-1	32.0	-2240.4	336.7	4.7	3.1
3RD	24.50	5.8	-70.1	1556	2160	3.7	-32.4	-17	-1	26.1	-2170.4	316.8	4.4	1.9
4TH	33.50	3.3	-69.8	1556	2160	2.1	-32.3	-19	-1	22.8	-2100.5	297.6	4.2	.5
5TH	42.50	.6	-71.1	1582	2160	.4	-32.9	-20	-0	22.3	-2029.4	279.0	4.0	-.9
6TH	50.00	-1.2	-49.7	1062	1492	-1.2	-33.3	-7	0	23.5	-1979.7	264.0	3.8	-1.2
7TH	62.50	.1	-78.1	1332	2044	.1	-38.2	1	0	23.4	-1901.6	239.7	3.5	-1.2
8TH	75.00	.3	-82.1	1353	2060	.2	-39.9	0	0	23.1	-1819.5	216.5	3.2	-1.1
9TH	87.50	.3	-85.4	1353	2060	.2	-41.5	0	0	22.8	-1734.0	194.3	2.9	-1.1
10TH	100.00	.3	-88.7	1353	2060	.2	-43.1	-0	-0	22.5	-1645.3	173.1	2.6	-1.2
11TH	112.50	.4	-92.0	1353	2060	.3	-44.7	-0	-0	22.1	-1553.3	153.1	2.4	-1.2
12TH	125.00	.4	-94.8	1353	2060	.3	-46.0	-1	-0	21.7	-1458.5	134.3	2.1	-1.3
13TH	137.50	.6	-96.3	1353	2060	.5	-46.8	-0	-0	21.1	-1362.2	116.7	1.8	-1.3
14TH	150.00	.9	-97.8	1353	2060	.7	-47.5	-0	-0	20.2	-1264.4	100.3	1.6	-1.3
15TH	162.50	1.1	-99.4	1353	2060	.8	-48.2	0	0	19.0	-1165.0	85.1	1.3	-1.3
16TH	175.00	1.4	-100.9	1353	2060	1.0	-49.0	1	0	17.6	-1064.1	71.2	1.1	-1.2
17TH	187.50	1.7	-102.3	1353	2060	1.2	-49.7	1	0	16.0	-961.8	58.5	.9	-1.1
18TH	200.00	1.7	-102.7	1353	2060	1.3	-49.9	1	0	14.3	-859.1	47.1	.7	-1.0
19TH	212.50	1.7	-103.2	1353	2060	1.3	-50.1	1	0	12.6	-755.9	37.0	.5	-.9
20TH	225.00	1.7	-103.7	1353	2060	1.2	-50.3	1	0	10.9	-652.2	28.2	.4	-.8
21ST	237.50	1.6	-104.2	1353	2060	1.2	-50.6	2	0	9.3	-548.1	20.7	.3	-.6
22ND	250.00	1.6	-104.6	1353	2060	1.2	-50.8	2	0	7.6	-443.4	14.5	.1	-.4
23RD	262.50	2.0	-88.3	1353	2060	1.5	-42.8	1	0	5.6	-355.2	9.5	.1	-.3
24TH	275.00	2.7	-94.7	1353	2060	2.0	-46.0	1	0	2.9	-260.5	5.7	.0	-.2
25TH	287.50	2.2	-75.2	1297	2060	1.7	-36.5	2	0	.7	-185.3	2.9	.0	-.1
		1.3	-80.2	1260	2060	1.0	-39.0	1	0					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	.2	-80.0	1437	2472	.2	-32.4	0	0	-.5	-105.0	1.1	-.0	.0
ROOF	315.00	-.7	-25.0	706	1064	-1.1	-23.5	-2	0	-.7	-25.0	.1	-.0	.0
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-153.8	-2281.6	367.1	-17.5	-6.3
2ND	15.50	-14.9	-109.2	2660	3720	-5.6	-29.4	-24	3	-139.0	-2172.3	332.6	-15.2	-9.0
3RD	24.50	-11.1	-59.5	1556	2160	-7.1	-27.5	-25	5	-127.9	-2112.9	313.3	-14.0	-10.6
4TH	33.50	-9.8	-58.9	1556	2160	-6.3	-27.3	-24	4	-118.1	-2054.0	294.6	-12.9	-12.0
5TH	42.50	-9.5	-60.0	1582	2160	-6.0	-27.8	-21	3	-108.6	-1993.9	276.4	-11.9	-13.3
6TH	50.00	-6.6	-45.5	1062	1492	-6.3	-30.5	-5	1	-102.0	-1948.5	261.6	-11.1	-13.5
7TH	62.50	-10.5	-77.7	1332	2044	-7.9	-38.0	3	-0	-91.5	-1870.8	237.7	-9.9	-13.3
8TH	75.00	-9.7	-81.3	1353	2060	-7.2	-39.4	3	-0	-81.8	-1789.5	214.8	-8.8	-13.0
9TH	87.50	-8.8	-83.5	1353	2060	-6.5	-40.5	4	-0	-73.1	-1706.0	193.0	-7.8	-12.7
10TH	100.00	-7.8	-85.7	1353	2060	-5.8	-41.6	5	-0	-65.3	-1620.4	172.2	-7.0	-12.3
11TH	112.50	-6.8	-87.9	1353	2060	-5.1	-42.7	5	-0	-58.4	-1532.5	152.5	-6.2	-11.9
12TH	125.00	-5.9	-90.1	1353	2060	-4.4	-43.7	6	-0	-52.5	-1442.4	133.9	-5.5	-11.3
13TH	137.50	-5.2	-92.3	1353	2060	-3.9	-44.8	6	-0	-47.3	-1350.1	116.5	-4.9	-10.8
14TH	150.00	-4.6	-94.5	1353	2060	-3.4	-45.9	7	-0	-42.6	-1255.6	100.2	-4.3	-10.1
15TH	162.50	-4.0	-96.7	1353	2060	-3.0	-46.9	7	-0	-38.6	-1159.0	85.1	-3.8	-9.5
16TH	175.00	-3.4	-98.8	1353	2060	-2.5	-48.0	7	-0	-35.2	-1060.1	71.2	-3.4	-8.7
17TH	187.50	-2.8	-100.8	1353	2060	-2.1	-49.0	8	-0	-32.4	-959.3	58.6	-2.9	-8.0
18TH	200.00	-2.4	-101.5	1353	2060	-1.7	-49.3	8	-0	-30.1	-857.8	47.2	-2.5	-7.2
19TH	212.50	-2.0	-102.2	1353	2060	-1.5	-49.6	8	-0	-28.0	-755.6	37.1	-2.2	-6.3
20TH	225.00	-1.7	-102.9	1353	2060	-1.2	-49.9	8	-0	-26.4	-652.8	28.3	-1.8	-5.5
21ST	237.50	-1.3	-103.5	1353	2060	-1.0	-50.3	8	-0	-25.1	-549.2	20.8	-1.5	-4.6
22ND	250.00	-.9	-104.2	1353	2060	-.7	-50.6	9	-0	-24.1	-445.0	14.6	-1.2	-3.7
23RD	262.50	-2.0	-88.8	1353	2060	-1.4	-43.1	8	-0	-22.2	-356.2	9.6	-.9	-3.0
24TH	275.00	-.2	-94.3	1353	2060	-.2	-45.8	8	-0	-22.0	-261.9	5.7	-.6	-2.2
25TH	287.50	-2.1	-75.4	1297	2060	-1.6	-36.6	11	-0	-19.9	-186.5	2.9	-.4	-1.4
		-5.7	-79.7	1260	2060	-4.5	-38.7	8	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-14.2	-106.9	1.1	-.2	-.7
		-8.9	-80.9	1437	2472	-6.2	-32.7	7	-1					
ROOF	315.00									-5.2	-26.0	.1	-.0	-.2
		-5.2	-26.0	706	1064	-7.4	-24.4	6	-1					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT KIPS) X	MOMENT (1000-FT KIPS) Y	MOMENT (1000-FT KIPS) Z
GRND	0.00									-647.3	-2312.7	364.5	-106.5	-7.5
2ND	15.50	-33.1	-121.0	2660	3720	-12.4	-32.5	-29	8	-614.2	-2191.7	329.5	-96.7	-11.3
3RD	24.50	-26.5	-67.4	1556	2160	-17.1	-31.2	-30	12	-587.6	-2124.3	310.1	-91.3	-13.7
4TH	33.50	-24.7	-66.5	1556	2160	-15.9	-30.8	-28	10	-563.0	-2057.8	291.3	-86.1	-15.8
5TH	42.50	-22.3	-65.8	1582	2160	-14.1	-30.4	-26	9	-540.6	-1992.1	273.1	-81.2	-17.7
6TH	50.00	-12.3	-48.2	1062	1492	-11.5	-32.3	-8	2	-528.4	-1943.9	258.3	-77.2	-18.1
7TH	62.50	-15.6	-81.1	1332	2044	-11.7	-39.7	5	-1	-512.7	-1862.8	234.5	-70.7	-17.6
8TH	75.00	-17.3	-85.0	1353	2060	-12.8	-41.3	5	-1	-495.4	-1777.8	211.8	-64.4	-17.1
9TH	87.50	-18.7	-86.9	1353	2060	-13.8	-42.2	6	-1	-476.7	-1690.9	190.1	-58.3	-16.6
10TH	100.00	-20.1	-88.7	1353	2060	-14.9	-43.1	6	-1	-456.6	-1602.2	169.5	-52.4	-16.0
11TH	112.50	-21.5	-90.5	1353	2060	-15.9	-43.9	7	-2	-435.1	-1511.7	150.1	-46.9	-15.3
12TH	125.00	-22.9	-92.0	1353	2060	-16.9	-44.7	7	-2	-412.2	-1419.7	131.7	-41.6	-14.6
13TH	137.50	-23.5	-93.2	1353	2060	-17.4	-45.2	8	-2	-388.7	-1326.5	114.6	-36.6	-13.9
14TH	150.00	-24.1	-94.3	1353	2060	-17.8	-45.8	8	-2	-364.6	-1232.1	98.6	-31.9	-13.1
15TH	162.50	-24.7	-95.5	1353	2060	-18.2	-46.3	8	-2	-339.9	-1136.7	83.8	-27.5	-12.3
16TH	175.00	-25.3	-96.6	1353	2060	-18.7	-46.9	8	-2	-314.6	-1040.1	70.2	-23.4	-11.5
17TH	187.50	-25.8	-97.7	1353	2060	-19.1	-47.4	8	-2	-288.8	-942.4	57.8	-19.6	-10.6
18TH	200.00	-26.1	-98.5	1353	2060	-19.3	-47.8	8	-2	-262.7	-843.8	46.6	-16.2	-9.8
19TH	212.50	-26.1	-99.4	1353	2060	-19.3	-48.3	9	-2	-236.6	-744.4	36.7	-13.0	-8.8
20TH	225.00	-26.2	-100.3	1353	2060	-19.4	-48.7	9	-2	-210.4	-644.1	28.0	-10.2	-7.9
21ST	237.50	-26.3	-101.2	1353	2060	-19.4	-49.1	9	-2	-184.1	-542.8	20.6	-7.8	-6.9
22ND	250.00	-26.3	-102.1	1353	2060	-19.5	-49.6	9	-2	-157.8	-440.7	14.4	-5.6	-5.9
23RD	262.50	-28.2	-89.2	1353	2060	-20.9	-43.3	10	-3	-129.6	-351.5	9.5	-3.8	-5.0
24TH	275.00	-27.4	-92.5	1353	2060	-20.3	-44.9	10	-3	-102.1	-259.0	5.7	-2.4	-4.0
25TH	287.50	-27.4	-75.7	1297	2060	-21.1	-36.7	14	-5	-74.7	-183.3	2.9	-1.3	-2.8
		-28.4	-77.6	1260	2060	-22.5	-37.7	13	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-46.4	-105.7	1.1	-.5	-1.6
		-31.3	-79.7	1437	2472	-21.8	-32.3	14	-5					
ROOF	315.00									-15.0	-26.0	.1	-.1	-.4
		-15.0	-25.9	706	1064	-21.3	-24.4	11	-7					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA. NO WIND DIRECTIONALITY
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1002.0	-2088.4	324.4	-167.8	-.4
2ND	15.50	-45.8	-118.8	2660	3720	-17.2	-31.9	-30	12	-956.2	-1969.6	293.0	-152.6	-4.5
3RD	24.50	-32.0	-66.2	1556	2160	-20.5	-30.6	-32	15	-924.3	-1903.4	275.6	-144.1	-7.1
4TH	33.50	-31.7	-66.1	1556	2160	-20.4	-30.6	-32	16	-892.6	-1837.3	258.7	-136.0	-9.8
5TH	42.50	-31.5	-67.3	1582	2160	-19.9	-31.2	-32	15	-861.0	-1770.0	242.5	-128.1	-12.4
6TH	50.00	-20.0	-48.5	1062	1492	-18.8	-32.5	-14	6	-841.1	-1721.5	229.4	-121.7	-13.2
7TH	62.50	-27.8	-77.4	1332	2044	-20.9	-37.9	3	-1	-813.2	-1644.1	208.4	-111.3	-13.9
8TH	75.00	-29.4	-79.3	1353	2060	-21.7	-38.5	3	-1	-783.8	-1564.8	188.3	-101.4	-12.7
9TH	87.50	-30.7	-79.1	1353	2060	-22.7	-38.4	3	-1	-753.2	-1485.8	169.2	-91.8	-12.4
10TH	100.00	-31.9	-78.8	1353	2060	-23.6	-38.3	4	-1	-721.3	-1406.9	151.2	-82.5	-12.1
11TH	112.50	-33.1	-78.6	1353	2060	-24 5	-38.2	4	-2	-688.1	-1328.3	134.1	-73.7	-11.7
12TH	125.00	-34.4	-78.6	1353	2060	-25.4	-38.2	4	-2	-653.7	-1249.7	117.9	-65.3	-11.3
13TH	137.50	-35.9	-79.7	1353	2060	-26 5	-38.7	4	-2	-617.8	-1170.0	102.8	-57.4	-10.9
14TH	150.00	-37.4	-80.8	1353	2060	-27.6	-39.2	4	-2	-580.4	-1089.2	88.7	-49.9	-10.5
15TH	162.50	-38.9	-81.9	1353	2060	-28.8	-39.8	4	-2	-541.5	-1007.4	75.6	-42.9	-10.0
16TH	175.00	-40.5	-83.0	1353	2060	-29.9	-40.3	4	-2	-501.0	-924.4	63.5	-36.4	-9.6
17TH	187.50	-42.0	-84.0	1353	2060	-31.0	-40.8	4	-2	-459.0	-840.4	52.5	-30.4	-9.2
18TH	200 00	-42.7	-85.0	1353	2060	-31 6	-41.3	5	-2	-416.3	-755.3	42.5	-24.9	-8.7
19TH	212.50	-43.0	-86.1	1353	2060	-31.8	-41.8	5	-2	-373.3	-669.2	33.6	-20.0	-8.1
20TH	225.00	-43.4	-87.2	1353	2060	-32.1	-42.3	5	-3	-329.9	-582.1	25.8	-15.6	-7.6
21ST	237.50	-43.7	-88.3	1353	2060	-32.3	-42.8	6	-3	-286.1	-493.8	19.1	-11.7	-6.9
22ND	250.00	-44.1	-89.4	1353	2060	-32.6	-43.4	6	-3	-242.1	-404.4	13.5	-8.4	-6.3
23RD	262.50	-45.0	-80.0	1353	2060	-33.3	-38.8	8	-4	-197.0	-324.4	8.9	-5.7	-5.4
24TH	275.00	-45.0	-83.1	1353	2060	-33.3	-40.3	8	-4	-152.0	-241.4	5.4	-3.5	-4.6
25TH	287.50	-43.0	-70.0	1297	2060	-33.2	-34.0	12	-8	-109.0	-171.4	2.8	-1.9	-3.4
		-41.7	-69.8	1260	2060	-33.1	-33 9	14	-8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-67.2	-101.6	1.1	-.8	-2.1
		-45.0	-74.5	1437	2472	-31.4	-30.1	15	-9					
ROOF	315.00									-22.2	-27.1	.1	-.1	-.5
		-22.2	-27.1	706	1064	-31.4	-25.5	11	-9					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1126.9	-1971.3	306.5	-188.3	2.7
2ND	15.50	-51.3	-104.9	2660	3720	-19.3	-28.2	-32	16	-1075.6	-1866.4	276.7	-171.3	-1.5
3RD	24.50	-34.8	-57.1	1556	2160	-22.4	-26.4	-35	21	-1040.8	-1809.3	260.2	-161.7	-4.2
4TH	33.50	-33.6	-57.0	1556	2160	-21.6	-26.4	-37	22	-1007.1	-1752.3	244.2	-152.5	-7.0
5TH	42.50	-33.7	-59.9	1582	2160	-21.3	-27.7	-36	20	-973.4	-1692.4	228.7	-143.6	-9.9
6TH	50.00	-22.2	-47.9	1062	1492	-20 9	-32.1	-16	7	-951.2	-1644.5	216.2	-136.4	-10.8
7TH	62.50	-32.1	-79.2	1332	2044	-24.1	-38.8	1	-1	-919.1	-1565.3	196.1	-124.7	-10.7
8TH	75.00	-33.9	-79.7	1353	2060	-25.0	-38.7	2	-1	-885.2	-1485.6	177.0	-113.4	-10.5
9TH	87.50	-35.5	-78.6	1353	2060	-26.2	-38.2	2	-1	-849.8	-1407.0	159.0	-102.6	-10.4
10TH	100.00	-37.0	-77.5	1353	2060	-27.4	-37.6	2	-1	-812.7	-1329.5	141.8	-92.2	-10.2
11TH	112.50	-38.6	-76.4	1353	2060	-28.5	-37.1	2	-1	-774.1	-1253.1	125.7	-82.3	-10.0
12TH	125.00	-40.2	-75.8	1353	2060	-29.7	-36.8	2	-1	-733.9	-1177.3	110.5	-72.8	-9.8
13TH	137.50	-41.5	-76.8	1353	2060	-30.6	-37.3	2	-1	-692.4	-1100.5	96.3	-63.9	-9.6
14TH	150.00	-42.7	-77.8	1353	2060	-31.5	-37.8	3	-1	-649.7	-1022.7	83 0	-55.5	-9.3
15TH	162.50	-43.9	-78.8	1353	2060	-32.4	-38.2	3	-2	-605.8	-944.0	70.7	-47.7	-9.0
16TH	175.00	-45.1	-79.7	1353	2060	-33.3	-38.7	3	-2	-560.7	-864.2	59.4	-40.4	-8.6
17TH	187.50	-46.3	-80.6	1353	2060	-34.2	-39.1	3	-2	-514.3	-783.6	49.1	-33.7	-8.3
18TH	200.00	-47.4	-80.7	1353	2060	-35.0	-39.2	4	-2	-467.0	-703.0	39.8	-27.6	-7 9
19TH	212.50	-48.3	-80.8	1353	2060	-35.7	-39.2	4	-2	-418.7	-622.2	31.5	-22.0	-7.5
20TH	225.00	-49.2	-80.9	1353	2060	-36.4	-39.3	4	-2	-369.5	-541.3	24.3	-17.1	-7.0
21ST	237.50	-50.1	-81.0	1353	2060	-37.1	-39.3	4	-3	-319.3	-460.3	18.0	-12.8	-6.6
22ND	250.00	-51.1	-81.1	1353	2060	-37.7	-39.4	4	-3	-268.2	-379.2	12.8	-9.1	-6.1
23RD	262.50	-51.6	-76.2	1353	2060	-38.1	-37.0	8	-5	-216.6	-303.0	8.5	-6.1	-5.2
24TH	275.00	-51.8	-76.1	1353	2060	-38.3	-36.9	7	-5	-164.8	-227.0	5.2	-3.7	-4.4
25TH	287.50	-48.8	-64.3	1297	2060	-37.6	-31.2	11	-8	-116.0	-162.7	2.8	-1.9	-3.3
		-46.1	-62.4	1260	2060	-36.6	-30.3	14	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-48.0	-70.6	1437	2472	-33.4	-28.6	15	-10	-69.9	-100.3	1.1	-.8	-1.9
ROOF	315.00	-21.8	-29.6	706	1064	-30.9	-27.9	9	-7	-21.8	-29.6	.1	-.1	-.4
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1150.7	-1508.7	238.0	-194.7	7.3
2ND	15.50	-52.7	-89.9	2660	3720	-19.8	-24.2	-30	17	-1097.9	-1418.8	215.3	-177.3	3.7
3RD	24.50	-32.2	-47.0	1556	2160	-20.7	-21.8	-31	21	-1065.7	-1371.8	202.7	-167.5	1.5
4TH	33.50	-32.6	-46.1	1556	2160	-20.9	-21.4	-36	26	-1033.2	-1325.7	190.6	-158.1	-1.0
5TH	42.50	-35.0	-47.8	1582	2160	-22.1	-22.1	-38	28	-998.2	-1277.9	178.9	-149.0	-3.7
6TH	50.00	-23.0	-35.8	1062	1492	-21.7	-24.0	-20	13	-975.2	-1242.1	169.4	-141.6	-4.7
7TH	62.50	-30.3	-56.3	1332	2044	-22.7	-27.5	1	-0	-944.9	-1185.8	154.2	-129.6	-4.7
8TH	75.00	-32.8	-56.6	1353	2060	-24.2	-27.5	1	-0	-912.1	-1129.2	139.8	-118.0	-4.6
9TH	87.50	-35.0	-55.6	1353	2060	-25.9	-27.0	0	-0	-877.1	-1073.6	126.0	-106.8	-4.6
10TH	100.00	-37.2	-54.5	1353	2060	-27.5	-26.5	-0	0	-839.9	-1019.1	112.9	-96.0	-4.6
11TH	112.50	-39.4	-53.5	1353	2060	-29.1	-26.0	-1	0	-800.5	-965.6	100.5	-85.8	-4.7
12TH	125.00	-41.6	-53.1	1353	2060	-30.8	-25.8	-1	1	-758.9	-912.5	88.8	-76.0	-4.8
13TH	137.50	-42.7	-54.5	1353	2060	-31.6	-26.5	-1	1	-716.2	-858.0	77.7	-66.8	-4.8
14TH	150.00	-43.7	-55.8	1353	2060	-32.3	-27.1	-1	1	-672.5	-802.1	67.3	-58.1	-4.9
15TH	162.50	-44.7	-57.2	1353	2060	-33.0	-27.8	-1	0	-627.8	-744.9	57.7	-50.0	-4.9
16TH	175.00	-45.6	-58.5	1353	2060	-33.7	-28.4	-0	0	-582.2	-686.4	48.7	-42.5	-5.0
17TH	187.50	-46.6	-59.8	1353	2060	-34.4	-29.0	-0	0	-535.6	-626.6	40.5	-35.5	-5.0
18TH	200.00	-47.7	-60.4	1353	2060	-35.3	-29.3	0	-0	-487.9	-566.2	33.1	-29.1	-5.0
19TH	212.50	-48.9	-61.2	1353	2060	-36.1	-29.7	0	-0	-439.0	-505.0	26.4	-23.3	-5.0
20TH	225.00	-50.1	-62.0	1353	2060	-37.0	-30.1	1	-1	-388.9	-443.0	20.4	-18.1	-4.9
21ST	237.50	-51.3	-62.7	1353	2060	-37.9	-30.4	1	-1	-337.6	-380.3	15.3	-13.6	-4.7
22ND	250.00	-52.5	-63.5	1353	2060	-38.8	-30.8	2	-1	-285.0	-316.9	10.9	-9.7	-4.6
23RD	262.50	-53.8	-61.5	1353	2060	-39.7	-29.9	6	-5	-231.3	-255.3	7.4	-6.4	-4.0
24TH	275.00	-55.7	-59.5	1353	2060	-41.1	-28.9	5	-4	-175.6	-195.9	4.5	-3.9	-3.4
25TH	287.50	-53.1	-53.8	1297	2060	-40.9	-26.1	8	-8	-122.5	-142.1	2.4	-2.0	-2.6
		-49.6	-53.2	1260	2060	-39.3	-25.8	11	-10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (S9 FT) X	AREA (S9 FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-50.8	-62.2	1437	2472	-35.3	-25.1	12	-10	-73.0	-88.9	1.0	-.8	-1.6
ROOF	315.00	-22.2	-26.7	706	1064	-31.5	-25.1	7	-6	-22.2	-26.7	.1	-.1	-.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-953.5	-1219.2	194.4	-173.1	6.1
2ND	15.50	-36.8	-61.6	2660	3720	-13.8	-16.6	-31	18	-916.7	-1157.6	176.0	-158.6	3.5
3RD	24.50	-22.3	-33.1	1556	2160	-14.3	-15.3	-33	22	-894.4	-1124.4	165.7	-150.4	1.9
4TH	33.50	-21.2	-33.1	1556	2160	-13.6	-15.3	-37	23	-873.2	-1091.3	155.7	-142.5	.2
5TH	42.50	-22.3	-36.4	1582	2160	-14.1	-16.9	-36	22	-851.0	-1054.9	146.1	-134.7	-1.6
6TH	50.00	-15.6	-29.3	1062	1492	-14.7	-19.7	-18	10	-835.3	-1025.5	138.3	-128.4	-2.3
7TH	62.50	-24.0	-46.1	1332	2044	-18.1	-22.5	0	-0	-811.3	-979.5	125.7	-118.1	-2.3
8TH	75.00	-25.5	-47.2	1353	2060	-18.9	-22.9	1	-0	-785.8	-932.2	113.8	-108.1	-2.2
9TH	87.50	-26.4	-47.0	1353	2060	-19.5	-22.8	1	-0	-759.4	-885.2	102.4	-98.5	-2.2
10TH	100.00	-27.2	-46.8	1353	2060	-20.1	-22.7	0	-0	-732.1	-838.4	91.7	-89.1	-2.2
11TH	112.50	-28.1	-46.6	1353	2060	-20.8	-22.6	0	-0	-704.0	-791.8	81.5	-80.2	-2.1
12TH	125.00	-29.0	-46.7	1353	2060	-21.4	-22.7	0	-0	-675.1	-745.1	71.9	-71.5	-2.1
13TH	137.50	-30.5	-47.4	1353	2060	-22.5	-23.0	-0	0	-644.6	-697.7	62.8	-63.3	-2.1
14TH	150.00	-32.1	-48.1	1353	2060	-23.7	-23.3	-1	0	-612.5	-649.6	54.4	-55.4	-2.2
15TH	162.50	-33.6	-48.8	1353	2060	-24.9	-23.7	-1	1	-578.9	-600.9	46.6	-48.0	-2.3
16TH	175.00	-35.2	-49.4	1353	2060	-26.0	-24.0	-1	1	-543.6	-551.4	39.4	-41.0	-2.4
17TH	187.50	-36.8	-50.0	1353	2060	-27.2	-24.3	-2	1	-506.8	-501.4	32.8	-34.4	-2.5
18TH	200.00	-39.4	-49.5	1353	2060	-29.1	-24.0	-2	1	-467.5	-451.9	26.9	-28.3	-2.6
19TH	212.50	-42.4	-49.0	1353	2060	-31.3	-23.8	-2	2	-425.1	-402.9	21.5	-22.7	-2.8
20TH	225.00	-45.3	-48.5	1353	2060	-33.5	-23.5	-2	2	-379.8	-354.4	16.8	-17.7	-3.0
21ST	237.50	-48.3	-48.0	1353	2060	-35.7	-23.3	-2	2	-331.4	-306.5	12.7	-13.3	-3.1
22ND	250.00	-51.3	-47.5	1353	2060	-37.9	-23.0	-2	2	-280.1	-259.0	9.1	-9.4	-3.3
23RD	262.50	-53.1	-49.2	1353	2060	-39.2	-23.9	4	-4	-227.0	-209.8	6.2	-6.3	-3.0
24TH	275.00	-54.9	-46.6	1353	2060	-40.5	-22.6	3	-4	-172.1	-163.2	3.9	-3.8	-2.6
25TH	287.50	-52.5	-42.9	1297	2060	-40.5	-20.8	5	-7	-119.7	-120.4	2.1	-2.0	-2.0
		-49.3	-43.1	1260	2060	-39.2	-20.9	8	-9					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-50.0	-54.1	1437	2472	-34.8	-21.9	10	-9	-70.3	-77.3	.9	-.8	-1.3
ROOF	315.00	-20.4	-23.2	706	1064	-28.8	-21.8	6	-6	-20.4	-23.2	.1	-.1	-.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-1016.8	-1013.4	160.1	-186.4	12.8
2ND	15.50	-32.9	-45.8	2660	3720	-12.4	-12.3	-34	24	-983.9	-967.6	144.8	-170.9	10.4
3RD	24.50	-18.8	-25.8	1556	2160	-12.1	-11.9	-35	26	-965.1	-941.8	136.2	-162.1	9.0
4TH	33.50	-15.1	-27.6	1556	2160	-9.7	-12.8	-39	21	-950.0	-914.3	127.8	-153.5	7.6
5TH	42.50	-15.4	-34.0	1582	2160	-9.8	-15.7	-32	14	-934.6	-880.3	119.8	-145.0	6.3
6TH	50.00	-12.2	-27.9	1062	1492	-11.4	-18.7	-13	6	-922.4	-852.4	113.3	-138.1	5.9
7TH	62.50	-22.8	-42.5	1332	2044	-17.2	-20.8	-1	1	-899.6	-809.9	102.9	-126.7	5.9
8TH	75.00	-25.6	-43.7	1353	2060	-18.9	-21.2	-2	1	-873.9	-766.2	93.0	-115.6	5.8
9TH	87.50	-27.9	-42.8	1353	2060	-20.6	-20.8	-3	2	-846.0	-723.5	83.7	-104.8	5.6
10TH	100.00	-30.2	-41.9	1353	2060	-22.3	-20.3	-4	3	-815.8	-681.6	74.9	-94.5	5.3
11TH	112.50	-32.5	-41.0	1353	2060	-24.0	-19.9	-5	4	-783.2	-640.6	66.7	-84.5	5.0
12TH	125.00	-34.8	-40.3	1353	2060	-25.7	-19.6	-6	5	-748.4	-600.3	58.9	-74.9	4.6
13TH	137.50	-37.2	-39.9	1353	2060	-27.5	-19.4	-6	6	-711.3	-560.4	51.7	-65.8	4.1
14TH	150.00	-39.6	-39.5	1353	2060	-29.2	-19.2	-7	7	-671.7	-520.9	44.9	-57.1	3.6
15TH	162.50	-42.0	-39.1	1353	2060	-31.0	-19.0	-7	8	-629.7	-481.9	38.6	-49.0	3.0
16TH	175.00	-44.4	-38.7	1353	2060	-32.8	-18.8	-8	9	-585.3	-443.2	32.8	-41.4	2.3
17TH	187.50	-46.8	-38.2	1353	2060	-34.5	-18.5	-8	9	-538.6	-405.0	27.5	-34.4	1.5
18TH	200.00	-49.0	-37.6	1353	2060	-36.2	-18.3	-7	10	-489.6	-367.4	22.7	-27.9	.8
19TH	212.50	-51.1	-37.1	1353	2060	-37.7	-18.0	-7	10	-438.5	-330.2	18.4	-22.1	.9
20TH	225.00	-53.2	-36.6	1353	2060	-39.3	-17.8	-7	10	-385.4	-293.6	14.5	-17.0	-.7
21ST	237.50	-55.3	-36.1	1353	2060	-40.9	-17.5	-6	10	-330.1	-257.4	11.0	-12.5	-1.5
22ND	250.00	-57.4	-35.6	1353	2060	-42.4	-17.3	-6	10	-272.6	-221.8	8.0	-8.8	-2.3
23RD	262.50	-57.1	-41.3	1353	2060	-42.2	-20.1	0	-1	-215.5	-180.4	5.5	-5.7	-2.2
24TH	275.00	-56.5	-37.2	1353	2060	-41.7	-18.1	0	-0	-159.0	-143.2	3.5	-3.4	-2.2
25TH	287.50	-51.8	-35.1	1297	2060	-39.9	-17.0	3	-4	-107.2	-108.1	1.9	-1.7	-1.8
		-46.6	-36.8	1260	2060	-37.0	-17.9	6	-8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR. CHATTANOOGA NO WIND DIRECTIONALITY
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00	-44.3	-49.9	1437	2472	-30.8	-20.2	11	-9	-60.6	-71.3	.8	-.7	-1.2
ROOF	315.00	-16.3	-21.4	706	1064	-23.1	-20.1	8	-6	-16.3	-21.4	.1	-.1	-.3
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 51 0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
GRND	0.00									-767.6	-758.9	131.2	-139.4	5.7
2ND	15.50	-26.3	-26.7	2660	3720	-9.9	-7.2	-32	32	-741.3	-732.1	119.6	-127.7	4.0
3RD	24.50	-13.2	-14.7	1556	2160	-8.5	-6.8	-35	31	-728.0	-717.5	113.1	-121.1	3.1
4TH	33.50	-10.6	-16.1	1556	2160	-6.8	-7.5	-40	26	-717.5	-701.3	106.7	-114.6	2.2
5TH	42.50	-10.7	-21.2	1582	2160	-6.8	-9.8	-29	15	-706.7	-680.2	100.5	-108.2	1.4
6TH	50.00	-8.4	-17.3	1062	1492	-7.9	-11.6	-14	7	-698.3	-662.8	95.5	-102.9	1.1
7TH	62.50	-16.8	-26.4	1332	2044	-12.6	-12.9	-3	2	-681.6	-636.5	87.3	-94.3	1.0
8TH	75.00	-19.5	-27.6	1353	2060	-14.4	-13.4	-3	2	-662.0	-608.9	79.5	-85.9	.9
9TH	87.50	-21.7	-27.3	1353	2060	-16.0	-13.3	-4	3	-640.3	-581.5	72.1	-77.7	.7
10TH	100.00	-23.8	-27.1	1353	2060	-17.6	-13.1	-5	5	-616.5	-554.5	65.0	-69.9	.5
11TH	112.50	-25.9	-26.8	1353	2060	-19.2	-13.0	-6	6	-590.6	-527.7	58.2	-62.3	.1
12TH	125.00	-28.1	-26.7	1353	2060	-20.7	-13.0	-7	7	-562.5	-500.9	51.8	-55.1	-.2
13TH	137.50	-29.8	-27.4	1353	2060	-22.0	-13.3	-6	7	-532.8	-473.6	45.7	-48.3	-.6
14TH	150.00	-31.4	-28.0	1353	2060	-23.2	-13.6	-6	7	-501.4	-445.5	40.0	-41.8	-1.0
15TH	162.50	-33.1	-28.7	1353	2060	-24.4	-13.9	-6	7	-468.3	-416.8	34.6	-35.7	-1.4
16TH	175.00	-34.7	-29.3	1353	2060	-25.7	-14.2	-6	7	-433.5	-387.5	29.6	-30.1	-1.8
17TH	187.50	-36.4	-30.0	1353	2060	-26.9	-14.6	-5	7	-397.1	-357.5	24.9	-24.9	-2.2
18TH	200.00	-37.8	-30.4	1353	2060	-27.9	-14.7	-5	6	-359.3	-327.2	20.6	-20.2	-2.6
19TH	212.50	-39.1	-30.7	1353	2060	-28.9	-14.9	-4	6	-320.2	-296.4	16.7	-15.9	-2.9
20TH	225.00	-40.4	-31.0	1353	2060	-29.9	-15.1	-4	5	-279.8	-265.4	13.2	-12.2	-3.2
21ST	237.50	-41.7	-31.4	1353	2060	-30.8	-15.2	-3	4	-238.1	-234.0	10.1	-9.0	-3.5
22ND	250.00	-43.0	-31.7	1353	2060	-31.8	-15.4	-3	4	-195.0	-202.3	7.4	-6.3	-3.8
23RD	262.50	-41.6	-37.0	1353	2060	-30.7	-18.0	4	-5	-153.5	-165.2	5.1	-4.1	-3.4
24TH	275.00	-40.4	-33.0	1353	2060	-29.8	-16.0	4	-5	-113.1	-132.3	3.2	-2.4	-3.1
25TH	287.50	-36.6	-32.5	1297	2060	-28.2	-15.8	9	-10	-76.5	-99.8	1.8	-1.2	-2.4
		-33.0	-33.6	1260	2060	-26.2	-16.3	13	-13					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 51.0 PSF GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (FT) X	ECCEN (FT) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
26TH	300.00									-43.5	-66.2	.7	-.5	-1.6
		-31.3	-46.9	1437	2472	-21.8	-19.0	18	-12					
ROOF	315.00									-12.2	-19.3	.1	-.1	-.4
		-12.2	-19.3	706	1064	-17.2	-18.1	14	-9					
TOP	324.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. UNITED AMERICAN CNTR, CHATTANOOGA, NO WIND DIRECTIONALITY
PROJECT 5410 CONFIGURATION A
SCALE = 300 REF. PRESSURE = 31.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50
NUMBER OF SIDES = 4 NO. OF FLOORS = 27

SIDE	ANGLE	Z-AXIS
1	0.0	1.971
2	90.0	4.120
3	180.0	5.260
4	270.0	5.480

FLOOR #	LABEL	HEIGHT-FT
1	GRND	15.50
2	2ND	9.00
3	3RD	9.00
4	4TH	9.00
5	5TH	7.50
6	6TH	12.50
7	7TH	12.50
8	8TH	12.50
9	9TH	12.50
10	10TH	12.50
11	11TH	12.50
12	12TH	12.50
13	13TH	12.50
14	14TH	12.50
15	15TH	12.50
16	16TH	12.50
17	17TH	12.50
18	18TH	12.50
19	19TH	12.50
20	20TH	12.50
21	21ST	12.50
22	22ND	12.50
23	23RD	12.50
24	24TH	12.50
25	25TH	12.50
26	26TH	15.00
27	ROOF	9.00

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	.227	.184	.815	-.584	0	151	.042	.081	.519	-.361	0	224	-.287	.097	.097	-.724
0	102	.173	.158	.632	-.442	0	152	.031	.093	.453	-.255	0	225	-.330	.224	.281	-1.547
0	103	.042	.122	.653	-.412	0	153	-.023	.102	.562	-.378	0	226	-.628	.318	.393	-2.155
0	104	.120	.144	.583	-.476	0	154	-.087	.066	.178	-.363	0	227	-.658	.282	.393	-1.965
0	105	.045	.136	.587	-.433	0	155	-.015	.077	.470	-.634	0	228	-.138	.037	-.015	-.329
0	106	-.047	.114	.321	-.489	0	156	.013	.083	.395	-.449	0	229	-.152	.038	.000	-.327
0	107	.286	.183	.855	-.357	0	157	.050	.091	.616	-.405	0	230	-.210	.051	-.057	-.449
0	108	.360	.194	.993	-.230	0	158	.037	.082	.416	-.498	0	231	-.252	.073	-.002	-.610
0	109	.300	.172	.830	-.178	0	159	.023	.087	.465	-.291	0	232	-.247	.095	.019	-.768
0	110	.246	.160	.742	-.296	0	160	-.008	.083	.426	-.332	0	233	-.328	.216	.140	-1.239
0	111	.199	.155	.767	-.391	0	161	-.015	.054	.241	-.478	0	234	-.556	.303	.285	-1.708
0	112	.159	.138	.582	-.388	0	162	.019	.061	.317	-.274	0	235	-.568	.272	.279	-1.775
0	113	.055	.180	.674	-.761	0	163	-.048	.057	.319	-.279	0	236	-.133	.033	-.013	-.308
0	114	-.155	.094	.120	-.629	0	164	.019	.060	.324	-.184	0	237	-.141	.034	-.026	-.375
0	115	-.300	.141	.312	-.795	0	165	.001	.054	.290	-.415	0	238	-.172	.044	-.006	-.388
0	116	.386	.183	1.015	-.131	0	166	.036	.060	.465	-.135	0	239	-.196	.056	-.011	-.515
0	117	.311	.167	.929	-.200	0	167	.031	.057	.348	-.135	0	240	-.202	.075	.036	-.833
0	118	.236	.151	.742	-.210	0	168	.036	.066	.511	-.140	0	241	-.250	.159	.098	-1.194
0	119	.102	.143	.689	-.335	0	169	-.036	.077	.322	-.274	0	242	-.437	.238	.167	-1.628
0	120	-.243	.158	.399	-.789	0	170	.039	.093	.565	-.218	0	243	-.462	.226	.148	-1.815
0	121	-.313	.122	.123	-.861	0	171	.054	.075	.404	-.148	0	244	-.129	.027	-.030	-.254
0	122	.163	.168	.889	-.435	0	172	.040	.063	.385	-.388	0	245	-.133	.032	-.026	-.431
0	123	.273	.176	.900	-.248	0	173	.048	.064	.416	-.155	0	246	-.148	.036	-.041	-.321
0	124	.354	.178	.943	-.097	0	174	.043	.061	.385	-.191	0	247	-.158	.044	.010	-.495
0	125	.361	.179	.906	-.152	0	175	.041	.057	.582	-.092	0	248	-.176	.067	.049	-.601
0	126	.340	.176	.863	-.368	0	176	.002	.061	.470	-.169	0	249	-.220	.113	.038	-.947
0	127	.255	.156	.909	-.227	0	177	-.067	.055	.210	-.296	0	250	-.320	.135	.027	-1.066
0	128	.189	.151	.746	-.262	0	201	-.200	.064	-.046	-.464	0	251	-.325	.155	.042	-1.392
0	129	.042	.140	.533	-.478	0	202	-.240	.082	-.008	-.646	0	252	-.126	.028	-.039	-.272
0	130	.013	.136	.566	-.450	0	203	-.313	.156	-.044	-.939	0	253	-.146	.036	-.031	-.347
0	131	.143	.149	.821	-.314	0	204	-.285	.097	-.072	-1.171	0	254	-.168	.076	.038	-.727
0	132	.231	.145	.776	-.169	0	205	-.244	.064	.019	-.542	0	255	-.275	.118	.070	-1.089
0	133	.213	.138	.740	-.216	0	206	-.233	.095	.110	-.888	0	256	-.081	.034	.111	-.261
0	134	.221	.138	.765	-.146	0	207	-.513	.341	.311	-1.994	0	257	-.095	.040	.120	-.377
0	135	.199	.135	.686	-.229	0	208	-.467	.314	.279	-1.701	0	258	-.126	.031	.060	-.568
0	136	.121	.129	.592	-.279	0	209	-.169	.038	-.044	-.321	0	259	-.123	.022	-.054	-.207
0	137	.007	.121	.475	-.373	0	210	-.188	.047	-.015	-.432	0	260	-.127	.027	-.041	-.289
0	138	-.059	.100	.465	-.401	0	211	-.271	.073	-.042	-.791	0	261	-.126	.029	-.029	-.377
0	139	.054	.119	.702	-.273	0	212	-.298	.080	-.076	-.580	0	262	-.133	.027	-.050	-.272
0	140	.121	.099	.674	-.193	0	213	-.277	.083	.030	-.587	0	263	-.139	.038	.008	-.338
0	141	.110	.097	.590	-.164	0	214	-.256	.125	.321	-1.197	0	264	-.143	.061	.042	-.624
0	142	.126	.098	.607	-.181	0	215	-.635	.417	.465	-2.805	0	265	-.237	.129	.116	-1.145
0	143	.118	.097	.573	-.171	0	216	-.738	.347	.382	-2.130	0	266	-.239	.113	.085	-.803
0	144	.062	.107	.486	-.300	0	217	-.250	.077	.019	-.603	0	267	-.243	.102	.034	-1.013
0	145	-.032	.116	.479	-.483	0	218	-.270	.083	-.038	-.559	0	268	-.038	.080	.436	-.506
0	146	-.086	.072	.348	-.434	0	219	-.307	.114	.087	-.975	0	269	-.043	.072	.251	-.570
0	147	-.020	.071	.392	-.274	0	220	-.152	.040	-.021	-.310	0	270	-.122	.023	-.046	-.276
0	148	.044	.055	.353	-.089	0	221	-.168	.044	-.004	-.359	0	271	-.130	.028	-.020	-.284
0	149	.048	.057	.346	-.123	0	222	-.243	.060	-.021	-.479	0	272	-.135	.037	.057	-.336
0	150	.050	.074	.424	-.308	0	223	-.302	.089	-.046	-.635	0	273	-.139	.058	.070	-.684

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	274	-.177	.092	.023	-.841	0	330	-.159	.043	-.040	-.431	0	402	-.479	.111	-.192	-.985
0	275	-.211	.097	.092	-.824	0	331	-.160	.040	-.035	-.451	0	403	-.361	.094	-.069	-.784
0	276	-.072	.030	.096	-.246	0	332	-.156	.032	-.031	-.302	0	404	-.223	.082	.041	-.595
0	277	-.072	.034	.083	-.186	0	333	-.159	.030	-.075	-.326	0	405	-.171	.062	.056	-.512
0	278	-.106	.031	.090	-.250	0	334	-.152	.025	-.071	-.275	0	406	-.164	.054	.008	-.448
0	279	-.111	.022	-.046	-.211	0	335	-.147	.028	-.048	-.293	0	407	-.329	.150	.160	-1.165
0	280	.000	.067	.448	-.292	0	336	-.146	.032	-.046	-.295	0	408	-.331	.156	.201	-.886
0	281	-.013	.055	.369	-.188	0	337	-.147	.034	-.035	-.306	0	409	-.293	.178	.237	-1.038
0	282	-.062	.029	.056	-.179	0	338	-.143	.032	-.033	-.320	0	410	-.692	.199	-.208	-1.984
0	283	-.058	.036	.113	-.170	0	339	-.148	.035	-.031	-.429	0	411	-.656	.177	-.173	-1.332
0	284	-.094	.034	.199	-.212	0	340	-.147	.031	-.040	-.333	0	412	-.350	.101	-.027	-.758
0	285	-.102	.020	-.030	-.203	0	341	-.146	.026	-.042	-.289	0	413	-.222	.080	.118	-.674
0	286	-.116	.025	-.030	-.270	0	342	-.148	.024	-.071	-.306	0	414	-.181	.059	.039	-.531
0	287	-.116	.027	-.001	-.239	0	343	-.144	.026	-.068	-.273	0	415	-.176	.049	-.023	-.542
0	288	-.112	.035	.078	-.424	0	344	-.145	.032	-.046	-.295	0	416	-.162	.044	-.001	-.452
0	289	-.141	.050	.094	-.494	0	345	-.141	.030	-.031	-.278	0	417	-.174	.048	-.005	-.395
0	290	-.104	.060	.054	-.547	0	346	-.140	.031	-.037	-.321	0	418	-.180	.059	.034	-.591
0	291	-.145	.096	.122	-.780	0	347	-.140	.032	-.025	-.373	0	419	-.233	.119	.234	-.690
0	292	-.213	.122	.076	-.980	0	348	-.147	.032	-.050	-.296	0	420	-.220	.120	.153	-.738
0	293	.035	.069	.402	-.124	0	349	-.144	.028	-.062	-.286	0	421	-.600	.176	-.140	-1.291
0	294	.017	.064	.344	-.494	0	350	-.133	.025	-.047	-.291	0	422	-.298	.088	-.060	-.806
0	301	-.190	.055	.021	-.505	0	351	-.133	.023	-.062	-.252	0	423	-.230	.080	-.014	-.996
0	302	-.182	.050	.008	-.414	0	352	-.132	.025	-.062	-.254	0	424	-.180	.056	.017	-.736
0	303	-.174	.046	-.031	-.403	0	353	-.135	.026	-.057	-.281	0	425	-.170	.042	-.034	-.454
0	304	-.154	.037	-.029	-.312	0	354	-.079	.025	.029	-.212	0	426	-.178	.055	-.036	-.496
0	305	-.161	.042	-.022	-.358	0	355	-.078	.024	.010	-.188	0	427	-.444	.139	.054	-1.060
0	306	-.175	.045	-.044	-.371	0	356	-.086	.021	-.000	-.165	0	428	-.444	.146	.072	-1.207
0	307	-.186	.049	-.020	-.431	0	357	-.096	.025	-.020	-.291	0	429	-.398	.167	.111	-1.117
0	308	-.184	.048	-.038	-.433	0	358	-.107	.029	-.012	-.272	0	430	-.547	.206	-.032	-1.643
0	309	-.158	.043	.025	-.388	0	359	-.109	.029	.047	-.457	0	431	-.445	.155	-.017	-1.161
0	310	-.165	.038	-.046	-.329	0	360	-.135	.025	-.054	-.284	0	432	-.317	.112	.017	-.964
0	311	-.167	.032	-.057	-.297	0	361	-.100	.025	-.015	-.269	0	433	-.246	.100	.090	-.869
0	312	-.164	.035	-.053	-.347	0	362	-.105	.026	-.003	-.242	0	434	-.202	.077	.040	-.747
0	313	-.165	.039	-.048	-.347	0	363	-.078	.024	.017	-.198	0	435	-.190	.074	.046	-.609
0	314	-.165	.039	-.012	-.321	0	364	-.086	.021	-.017	-.168	0	436	-.177	.051	-.018	-.485
0	315	-.191	.049	-.040	-.420	0	365	-.094	.024	-.010	-.220	0	437	-.174	.059	.034	-.495
0	316	-.200	.065	.022	-.550	0	366	-.092	.024	-.012	-.212	0	438	-.181	.067	.032	-.580
0	317	-.164	.042	-.032	-.355	0	367	-.100	.027	.002	-.279	0	439	-.373	.119	.024	-.861
0	318	-.168	.031	-.064	-.304	0	368	-.117	.024	-.012	-.220	0	440	-.297	.121	.141	-.716
0	319	-.162	.029	-.057	-.309	0	369	-.137	.026	-.052	-.244	0	441	-.175	.048	.028	-.476
0	320	-.159	.030	-.075	-.322	0	370	-.077	.026	.032	-.188	0	442	-.181	.069	.028	-.561
0	321	-.195	.060	.021	-.507	0	371	-.075	.022	.017	-.163	0	443	-.412	.160	-.078	-1.706
0	322	-.169	.046	.018	-.442	0	372	-.084	.023	.002	-.161	0	444	-.428	.153	-.026	-1.251
0	323	-.171	.043	-.046	-.415	0	373	-.083	.021	-.015	-.173	0	445	-.395	.141	-.018	-1.134
0	324	-.167	.035	-.057	-.369	0	374	-.089	.021	.002	-.223	0	446	-.379	.133	.040	-1.055
0	325	-.159	.029	-.057	-.284	0	375	-.089	.021	-.018	-.185	0	447	-.364	.135	-.040	-1.150
0	326	-.160	.028	-.077	-.280	0	376	-.095	.026	.008	-.338	0	448	-.343	.135	-.024	-1.167
0	327	-.152	.030	-.057	-.293	0	377	-.114	.022	-.015	-.188	0	449	-.255	.107	.109	-.898
0	328	-.151	.031	-.046	-.295	0	378	-.137	.026	-.028	-.274	0	450	-.205	.088	.162	-.652
0	329	-.154	.034	-.044	-.308	0	401	-.597	.163	-.190	-1.183	0	451	-.209	.094	.071	-.733

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	452	-.191	.077	.121	-.776	0	502	-.106	.030	.051	-.249	0	929	-.469	.132	-.120	-.983
0	453	-.166	.067	.106	-.565	0	503	-.107	.027	-.013	-.231	0	930	-.248	.072	-.041	-.555
0	454	-.171	.077	.113	-.689	0	504	-.086	.027	.030	-.178	0	931	-.182	.058	.054	-.465
0	455	-.411	.138	-.042	-1.053	0	505	-.080	.026	.030	-.338	0	932	-.197	.053	.009	-.449
0	456	-.423	.144	-.051	-1.417	0	506	-.078	.023	-.000	-.236	0	933	-.193	.068	.067	-.684
0	457	-.391	.159	.053	-1.032	0	507	-.167	.078	.119	-.947	0	934	.046	.065	.377	-.125
0	458	-.384	.156	.086	-.948	0	508	-.149	.073	.144	-.489	0	935	-.065	.104	.348	-.699
0	459	-.302	.149	.127	-.917	0	509	-.117	.035	.046	-.213	0	936	.031	.093	.598	-.199
0	460	-.230	.118	.115	-.892	0	510	-.095	.035	.041	-.213	0	937	-.064	.045	.141	-.275
0	461	-.184	.094	.094	-.689	0	511	-.089	.031	.039	-.197	0	938	-.131	.036	.046	-.330
0	462	-.172	.095	.181	-.578	0	512	-.089	.030	.034	-.204	0	939	-.125	.026	-.035	-.216
0	463	-.148	.065	.067	-.487	0	513	-.070	.036	.153	-.182	0	940	-.092	.025	.001	-.192
0	464	-.148	.062	.096	-.472	0	514	-.084	.025	.010	-.187	0	941	-.108	.046	.122	-.351
0	465	-.455	.175	-.051	-1.446	0	515	-.075	.023	.010	-.170	0	942	-.121	.035	.084	-.285
0	466	-.456	.187	-.005	-1.468	0	516	-.070	.023	.006	-.156	0	943	-.116	.029	.096	-.227
0	467	-.369	.190	.020	-1.696	0	801	-.293	.173	.155	-1.523	0	944	-.099	.024	.015	-.266
0	468	-.303	.175	.044	-1.262	0	802	-.155	.027	-.069	-.269	0	945	-.208	.092	.067	-.858
0	469	-.303	.177	.123	-1.342	0	803	-.077	.035	.091	-.203	0	946	-.122	.039	.027	-.289
0	470	-.234	.140	.084	-.985	0	804	-.227	.101	.062	-.825	0	947	-.120	.033	.003	-.280
0	471	-.165	.097	.088	-.722	0	805	-.073	.027	.020	-.165	0	948	-.106	.026	.020	-.299
0	472	-.125	.064	.119	-.557	0	806	-.103	.012	-.053	-.137	0	949	-.079	.025	.024	-.247
0	473	-.121	.064	.100	-.468	0	807	-.135	.030	-.049	-.302	10	101	.130	.222	.900	-.725
0	474	-.142	.057	.071	-.485	0	901	-.651	.187	.142	-1.498	10	102	.082	.198	.681	-.621
0	475	-.123	.041	.053	-.367	0	902	-.155	.049	.036	-.454	10	103	-.014	.159	.559	-.486
0	476	-.134	.029	-.048	-.338	0	903	.005	.064	.235	-.304	10	104	.014	.168	.551	-.482
0	477	-.342	.177	.106	-1.402	0	904	-.664	.171	-.177	-1.260	10	105	-.041	.140	.491	-.574
0	478	-.345	.183	.085	-1.528	0	905	.034	.095	.382	-.236	10	106	-.114	.115	.383	-.569
0	479	-.144	.079	.124	-.609	0	906	-.410	.158	.173	-1.072	10	107	.244	.229	.951	-.693
0	480	-.141	.081	.128	-1.168	0	907	-.198	.061	.034	-.496	10	108	.245	.229	1.020	-.517
0	481	-.114	.081	.195	-.764	0	908	-.175	.037	-.053	-.323	10	109	.210	.193	.806	-.301
0	482	-.141	.039	.035	-.498	0	909	.115	.110	.727	-.204	10	110	.147	.202	.789	-.427
0	483	-.117	.036	.030	-.297	0	910	.209	.132	.898	-.078	10	111	.086	.183	.647	-.413
0	484	-.111	.030	.002	-.297	0	911	-.149	.029	-.063	-.335	10	112	.030	.164	.548	-.450
0	485	-.135	.027	-.025	-.312	0	912	-.105	.027	.001	-.239	10	113	-.102	.172	.502	-.742
0	486	-.135	.028	-.041	-.259	0	913	-.027	.118	.386	-.668	10	114	-.188	.100	.160	-.629
0	487	-.234	.089	.087	-.577	0	914	-.178	.043	-.035	-.362	10	115	-.288	.110	.229	-.799
0	488	-.176	.086	.075	-.499	0	915	-.349	.112	-.061	-1.047	10	116	.221	.193	.826	-.246
0	489	-.178	.073	.022	-.646	0	916	-.147	.061	.216	-.470	10	117	.170	.191	.787	-.267
0	490	-.131	.051	-.004	-.418	0	917	-.256	.113	.286	-.725	10	118	.082	.180	.649	-.506
0	491	-.123	.036	-.006	-.266	0	918	-.163	.121	.396	-.681	10	119	-.005	.167	.582	-.498
0	492	-.113	.031	-.000	-.368	0	919	-.356	.091	-.074	-.866	10	120	-.255	.114	.252	-.750
0	493	-.110	.028	.002	-.482	0	920	-.303	.094	.019	-.749	10	121	-.286	.108	.144	-.861
0	494	-.091	.030	.018	-.345	0	921	-.180	.063	.021	-.473	10	122	.134	.171	.855	-.659
0	495	-.081	.026	-.003	-.307	0	922	-.185	.040	-.031	-.373	10	123	.184	.172	.826	-.550
0	496	-.080	.027	.030	-.274	0	923	-.192	.052	-.029	-.451	10	124	.230	.166	.832	-.148
0	497	-.203	.078	.165	-.604	0	924	-.418	.087	-.065	-.757	10	125	.195	.174	.901	-.186
0	498	-.179	.080	.127	-.523	0	925	-.299	.083	.003	-.631	10	126	.191	.182	.764	-.225
0	499	-.147	.061	.084	-.462	0	926	-.172	.062	.069	-.469	10	127	.129	.181	.785	-.361
0	500	-.111	.041	.094	-.348	0	927	-.356	.120	.248	-.931	10	128	.059	.164	.631	-.392
0	501	-.110	.035	.051	-.312	0	928	-.314	.121	.304	-.841	10	129	-.035	.147	.570	-.488

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	130	.036	.102	.427	-.474
10	131	.079	.113	.679	-.525
10	132	.127	.114	.668	-.120
10	133	.103	.110	.629	-.161
10	134	.090	.124	.608	-.265
10	135	.058	.127	.647	-.246
10	136	.010	.131	.541	-.344
10	137	-.076	.114	.412	-.409
10	138	-.009	.078	.299	-.648
10	139	.012	.079	.396	-.394
10	140	.048	.077	.494	-.196
10	141	.036	.075	.493	-.165
10	142	.015	.073	.464	-.200
10	143	-.010	.082	.556	-.265
10	144	-.059	.079	.462	-.365
10	145	-.122	.083	.295	-.402
10	146	-.029	.057	.332	-.326
10	147	-.011	.050	.248	-.254
10	148	.015	.046	.398	-.103
10	149	.022	.046	.294	-.137
10	150	-.024	.053	.250	-.239
10	151	-.033	.055	.243	-.302
10	152	-.056	.058	.344	-.348
10	153	-.106	.066	.177	-.411
10	154	-.030	.050	.174	-.256
10	155	-.070	.102	.335	-.934
10	156	-.057	.083	.291	-.660
10	157	-.052	.072	.269	-.471
10	158	-.052	.068	.446	-.387
10	159	-.063	.069	.405	-.418
10	160	-.085	.069	.298	-.367
10	161	-.045	.068	.165	-.714
10	162	-.025	.057	.231	-.607
10	163	-.005	.042	.226	-.135
10	164	.027	.054	.279	-.193
10	165	-.033	.055	.240	-.462
10	166	-.019	.044	.243	-.273
10	167	-.032	.045	.371	-.321
10	168	-.040	.042	.173	-.176
10	169	-.108	.063	.311	-.266
10	170	.040	.071	.422	-.171
10	171	.050	.064	.352	-.133
10	172	-.030	.075	.311	-1.145
10	173	-.007	.047	.250	-.219
10	174	-.025	.048	.349	-.440
10	175	-.032	.043	.236	-.152
10	176	-.061	.050	.315	-.258
10	177	-.115	.049	.365	-.370
10	201	-.174	.061	-.008	-.495
10	202	-.189	.065	-.031	-.497
10	203	-.207	.067	-.017	-.724
10	204	-.204	.058	.009	-.908
10	205	-.154	.063	.083	-.578
10	206	-.072	.112	.333	-.586
10	207	-.075	.232	.696	-1.279
10	208	-.056	.236	.651	-1.726
10	209	-.164	.042	-.038	-.345
10	210	-.175	.048	-.031	-.360
10	211	-.214	.053	-.031	-.444
10	212	-.212	.058	-.010	-.482
10	213	-.146	.079	.218	-.569
10	214	-.070	.113	.341	-.811
10	215	-.087	.315	.727	-2.009
10	216	-.185	.365	.773	-1.725
10	217	-.174	.051	-.004	-.408
10	218	-.180	.064	.127	-.497
10	219	-.127	.124	.331	-.764
10	220	-.155	.039	-.033	-.355
10	221	-.172	.043	-.027	-.347
10	222	-.224	.053	-.076	-.444
10	223	-.225	.067	-.040	-.571
10	224	-.165	.090	.197	-.559
10	225	-.073	.138	.405	-1.041
10	226	-.160	.302	.578	-1.384
10	227	-.188	.314	.866	-1.219
10	228	-.146	.034	-.042	-.305
10	229	-.160	.036	-.050	-.336
10	230	-.198	.047	-.048	-.408
10	231	-.188	.053	-.019	-.470
10	232	-.125	.068	.144	-.402
10	233	-.074	.143	.422	-1.020
10	234	-.130	.264	.639	-1.256
10	235	-.160	.281	.747	-1.444
10	236	-.140	.033	-.029	-.310
10	237	-.146	.032	-.025	-.327
10	238	-.164	.039	-.062	-.338
10	239	-.153	.047	-.008	-.435
10	240	-.105	.061	.161	-.476
10	241	-.067	.101	.337	-1.023
10	242	-.094	.178	.398	-1.284
10	243	-.114	.186	.577	-1.129
10	244	-.126	.027	-.038	-.242
10	245	-.135	.031	-.034	-.286
10	246	-.138	.032	-.049	-.318
10	247	-.127	.036	.042	-.282
10	248	-.095	.048	.180	-.323
10	249	-.082	.065	.178	-.558
10	250	-.090	.103	.247	-.788
10	251	-.105	.111	.251	-.670
10	252	-.131	.030	-.036	-.305
10	253	-.126	.031	.055	-.279
10	254	-.071	.052	.158	-.713
10	255	-.100	.100	.268	-.793
10	256	-.074	.038	.087	-.249
10	257	-.077	.045	.156	-.260
10	258	-.130	.035	.048	-.473
10	259	-.132	.027	-.049	-.251
10	260	-.129	.028	-.018	-.294
10	261	-.129	.029	-.029	-.292
10	262	-.126	.025	-.031	-.241
10	263	-.109	.031	.040	-.230
10	264	-.076	.038	.186	-.253
10	265	-.057	.060	.190	-.589
10	266	-.073	.078	.215	-.652
10	267	-.080	.084	.245	-.581
10	268	-.007	.065	.316	-.402
10	269	-.046	.084	.281	-.577
10	270	-.128	.029	-.016	-.247
10	271	-.122	.025	-.023	-.225
10	272	-.108	.027	-.008	-.223
10	273	-.066	.039	.167	-.238
10	274	-.056	.048	.186	-.256
10	275	-.069	.064	.284	-.545
10	276	-.063	.032	.096	-.172
10	277	-.050	.042	.202	-.172
10	278	-.105	.033	.057	-.217
10	279	-.115	.023	-.023	-.217
10	280	.022	.052	.302	-.234
10	281	-.016	.045	.207	-.221
10	282	-.045	.032	.157	-.161
10	283	-.034	.046	.230	-.135
10	284	-.096	.035	.117	-.232
10	285	-.105	.024	.004	-.188
10	286	-.117	.025	-.024	-.223
10	287	-.111	.025	-.018	-.221
10	288	-.080	.034	.112	-.203
10	289	-.115	.039	.117	-.546
10	290	-.041	.046	.203	-.161
10	291	-.029	.050	.207	-.283
10	292	-.051	.068	.154	-.566
10	293	.041	.061	.397	-.124
10	294	.029	.054	.318	-.292
10	301	-.194	.065	-.008	-.591
10	302	-.187	.059	-.014	-.477
10	303	-.175	.050	-.029	-.392
10	304	-.151	.043	.008	-.334
10	305	-.151	.045	-.026	-.345
10	306	-.155	.047	.008	-.381
10	307	-.191	.057	-.029	-.474
10	308	-.179	.052	-.008	-.468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	309	-.165	.050	-.031	-.525	10	359	-.123	.046	.003	-.400	10	431	-.339	.121	-.006	-1.008
10	310	-.164	.044	.002	-.410	10	360	-.134	.028	-.053	-.282	10	432	-.283	.106	.020	-1.087
10	311	-.163	.037	-.031	-.342	10	361	-.115	.041	-.024	-.365	10	433	-.250	.090	.117	-.780
10	312	-.159	.041	-.001	-.427	10	362	-.116	.041	-.011	-.456	10	434	-.214	.075	.099	-.708
10	313	-.157	.043	-.010	-.364	10	363	-.089	.029	-.004	-.225	10	435	-.211	.075	.032	-.639
10	314	-.157	.044	-.012	-.401	10	364	-.095	.029	.001	-.294	10	436	-.178	.049	-.007	-.370
10	315	-.190	.051	-.027	-.412	10	365	-.106	.044	-.006	-.545	10	437	-.184	.060	.051	-.469
10	316	-.192	.059	-.021	-.525	10	366	-.107	.043	-.009	-.567	10	438	-.194	.069	-.028	-.755
10	317	-.171	.046	-.038	-.404	10	367	-.109	.038	.021	-.333	10	439	-.327	.110	.099	-.770
10	318	-.171	.036	-.073	-.331	10	368	-.115	.028	.016	-.225	10	440	-.269	.096	.120	-.641
10	319	-.164	.035	-.066	-.328	10	369	-.135	.028	-.053	-.264	10	441	-.180	.049	-.017	-.494
10	320	-.159	.036	-.037	-.288	10	370	-.081	.033	.028	-.520	10	442	-.191	.064	.018	-.513
10	321	-.204	.062	.023	-.580	10	371	-.078	.026	.013	-.262	10	443	-.303	.119	-.057	-1.599
10	322	-.182	.048	-.040	-.544	10	372	-.092	.029	.023	-.294	10	444	-.320	.122	-.013	-1.301
10	323	-.175	.044	-.037	-.390	10	373	-.092	.026	-.007	-.267	10	445	-.320	.121	-.001	-.830
10	324	-.165	.034	-.057	-.308	10	374	-.106	.042	.001	-.616	10	446	-.310	.109	.010	-.971
10	325	-.161	.030	-.064	-.271	10	375	-.104	.036	.016	-.566	10	447	-.309	.115	.041	-.915
10	326	-.157	.036	-.046	-.335	10	376	-.107	.033	-.002	-.288	10	448	-.281	.101	-.005	-.944
10	327	-.159	.036	-.049	-.343	10	377	-.114	.027	.008	-.227	10	449	-.243	.085	.082	-.782
10	328	-.156	.036	-.005	-.289	10	378	-.138	.028	-.047	-.328	10	450	-.218	.073	.003	-.670
10	329	-.156	.039	-.025	-.356	10	401	-.440	.136	-.111	-1.080	10	451	-.223	.080	.051	-.643
10	330	-.179	.043	-.055	-.395	10	402	-.371	.099	-.053	-.820	10	452	-.208	.069	.115	-.710
10	331	-.171	.039	-.046	-.402	10	403	-.310	.090	-.035	-.919	10	453	-.189	.070	.059	-.652
10	332	-.166	.032	-.033	-.344	10	404	-.246	.089	.046	-.789	10	454	-.202	.077	.062	-.635
10	333	-.160	.030	-.080	-.335	10	405	-.197	.085	.046	-.755	10	455	-.303	.109	-.042	-1.211
10	334	-.155	.029	-.075	-.353	10	406	-.198	.076	.110	-.762	10	456	-.296	.110	-.057	-1.033
10	335	-.153	.032	-.062	-.297	10	407	-.337	.138	.055	-1.076	10	457	-.313	.115	.020	-1.029
10	336	-.148	.033	-.055	-.308	10	408	-.348	.154	.159	-1.230	10	458	-.302	.108	.018	-.878
10	337	-.146	.034	-.023	-.271	10	409	-.309	.162	.225	-1.089	10	459	-.283	.099	-.030	-.766
10	338	-.167	.042	-.051	-.490	10	410	-.455	.153	-.066	-1.237	10	460	-.242	.081	.008	-.612
10	339	-.168	.039	-.051	-.377	10	411	-.441	.144	-.051	-1.049	10	461	-.206	.072	.059	-.548
10	340	-.165	.037	-.069	-.395	10	412	-.294	.093	.011	-.729	10	462	-.218	.081	.059	-.616
10	341	-.159	.034	-.057	-.397	10	413	-.233	.080	.031	-.627	10	463	-.184	.063	.001	-.519
10	342	-.152	.030	-.073	-.306	10	414	-.196	.066	.048	-.605	10	464	-.188	.069	.006	-.517
10	343	-.147	.032	-.025	-.375	10	415	-.189	.060	.004	-.541	10	465	-.324	.116	-.015	-1.189
10	344	-.145	.031	-.027	-.338	10	416	-.169	.046	.002	-.380	10	466	-.337	.142	.010	-1.176
10	345	-.143	.031	-.053	-.455	10	417	-.175	.053	-.002	-.424	10	467	-.309	.129	.062	-1.145
10	346	-.152	.038	-.051	-.414	10	418	-.184	.063	.011	-.528	10	468	-.302	.123	.032	-1.039
10	347	-.156	.040	-.063	-.518	10	419	-.266	.116	.159	-.758	10	469	-.281	.111	-.023	-.768
10	348	-.153	.034	-.016	-.323	10	420	-.243	.123	.234	-.707	10	470	-.253	.102	.047	-.795
10	349	-.150	.033	-.046	-.306	10	421	-.424	.152	-.064	-1.138	10	471	-.206	.079	.051	-.664
10	350	-.142	.030	-.056	-.284	10	422	-.267	.081	.004	-.583	10	472	-.188	.067	.039	-.596
10	351	-.137	.028	-.060	-.242	10	423	-.223	.071	.062	-.555	10	473	-.175	.065	.035	-.521
10	352	-.131	.027	-.063	-.291	10	424	-.198	.070	.009	-.714	10	474	-.178	.058	.001	-.492
10	353	-.124	.027	-.048	-.237	10	425	-.174	.049	-.018	-.384	10	475	-.155	.048	.032	-.413
10	354	-.090	.032	.023	-.311	10	426	-.185	.058	-.009	-.524	10	476	-.163	.045	-.025	-.437
10	355	-.089	.029	-.004	-.267	10	427	-.364	.123	.026	-1.014	10	477	-.272	.117	.126	-1.010
10	356	-.097	.033	-.004	-.345	10	428	-.373	.127	-.016	-.974	10	478	-.281	.122	.086	-1.164
10	357	-.109	.041	.006	-.510	10	429	-.346	.144	.152	-1.153	10	479	-.250	.114	.094	-1.023
10	358	-.122	.047	.028	-.495	10	430	-.378	.154	-.020	-1.168	10	480	-.257	.134	.049	-1.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	481	-.207	.115	.238	-1.036	10	908	-.200	.052	-.019	-.461	20	109	.216	.171	.812	-.419
10	482	-.174	.057	.021	-.525	10	909	.044	.117	.647	-.395	20	110	.113	.157	.807	-.331
10	483	-.148	.053	.044	-.465	10	910	.038	.129	.706	-.341	20	111	.019	.149	.568	-.404
10	484	-.150	.052	.016	-.442	10	911	-.143	.030	-.071	-.277	20	112	-.065	.132	.639	-.499
10	485	-.153	.037	-.030	-.401	10	912	-.128	.047	.019	-.606	20	113	-.276	.135	.308	-.837
10	486	-.147	.033	.008	-.351	10	913	-.067	.157	.391	-.796	20	114	-.283	.106	.143	-.672
10	487	-.216	.061	-.064	-.698	10	914	-.173	.048	.000	-.435	20	115	-.311	.101	.072	-.758
10	488	-.197	.061	.003	-.514	10	915	-.206	.095	.127	-.885	20	116	.225	.158	.840	-.234
10	489	-.200	.057	-.035	-.563	10	916	-.175	.065	.079	-.519	20	117	.086	.130	.637	-.276
10	490	-.159	.040	-.016	-.357	10	917	-.277	.126	.162	-.821	20	118	-.007	.123	.496	-.381
10	491	-.132	.031	-.021	-.353	10	918	-.198	.126	.295	-.860	20	119	-.098	.123	.417	-.543
10	492	-.119	.029	.003	-.282	10	919	-.193	.093	.114	-.717	20	120	-.304	.108	.201	-.841
10	493	-.113	.028	-.004	-.245	10	920	-.265	.079	-.006	-.595	20	121	-.318	.099	.040	-.809
10	494	-.098	.030	.003	-.363	10	921	-.177	.064	.176	-.415	20	122	.239	.218	.890	-.537
10	495	-.091	.030	.036	-.374	10	922	-.182	.046	.005	-.395	20	123	.244	.175	.868	-.567
10	496	-.091	.031	.023	-.272	10	923	-.188	.055	-.033	-.428	20	124	.304	.164	.890	-.147
10	497	-.206	.054	.051	-.583	10	924	-.311	.072	-.099	-.682	20	125	.204	.137	.675	-.173
10	498	-.197	.049	-.004	-.429	10	925	-.285	.082	-.007	-.569	20	126	.115	.115	.584	-.196
10	499	-.182	.053	-.005	-.533	10	926	-.212	.078	.027	-.623	20	127	.032	.107	.500	-.291
10	500	-.151	.044	-.007	-.348	10	927	-.313	.121	.387	-.729	20	128	-.045	.103	.515	-.343
10	501	-.125	.032	.003	-.288	10	928	-.277	.099	.075	-.650	20	129	-.130	.098	.368	-.450
10	502	-.112	.030	.001	-.219	10	929	-.340	.105	.008	-.804	20	130	.141	.156	.681	-.445
10	503	-.107	.026	.001	-.252	10	930	-.242	.074	.001	-.546	20	131	.172	.134	.765	-.535
10	504	-.092	.027	-.009	-.272	10	931	-.210	.072	.044	-.631	20	132	.232	.126	.724	-.089
10	505	-.084	.027	.089	-.227	10	932	-.192	.054	.069	-.539	20	133	.148	.101	.614	-.131
10	506	-.083	.028	.003	-.363	10	933	-.203	.068	.151	-.544	20	134	.087	.079	.467	-.207
10	507	-.186	.067	.023	-.874	10	934	.046	.060	.372	-.099	20	135	.026	.070	.379	-.182
10	508	-.176	.048	.000	-.523	10	935	-.116	.091	.204	-.618	20	136	-.046	.063	.272	-.245
10	509	-.133	.030	-.014	-.237	10	936	.007	.094	.542	-.260	20	137	-.127	.061	.190	-.333
10	510	-.113	.033	.052	-.234	10	937	-.109	.049	.154	-.348	20	138	.047	.123	.527	-.483
10	511	-.099	.030	.048	-.234	10	938	-.156	.047	-.002	-.499	20	139	.079	.116	.493	-.475
10	512	-.094	.027	.026	-.241	10	939	-.139	.030	-.038	-.301	20	140	.144	.097	.602	-.155
10	513	-.083	.029	.088	-.194	10	940	-.112	.035	.059	-.372	20	141	.083	.072	.486	-.194
10	514	-.087	.025	.003	-.192	10	941	-.135	.046	.062	-.324	20	142	.035	.060	.316	-.150
10	515	-.080	.024	.038	-.175	10	942	-.147	.049	.123	-.428	20	143	-.020	.053	.276	-.205
10	516	-.078	.025	.014	-.208	10	943	-.133	.038	.050	-.476	20	144	-.079	.049	.204	-.232
10	801	-.337	.152	.054	-1.049	10	944	-.110	.031	.081	-.277	20	145	-.155	.056	.093	-.585
10	802	-.159	.028	-.060	-.303	10	945	-.181	.064	.041	-.695	20	146	.028	.074	.395	-.303
10	803	-.108	.042	.082	-.257	10	946	-.146	.036	.029	-.388	20	147	.042	.074	.382	-.237
10	804	-.236	.083	.100	-.606	10	947	-.130	.040	.090	-.395	20	148	.083	.073	.605	-.158
10	805	-.118	.040	.013	-.247	10	948	-.115	.036	.012	-.338	20	149	.057	.056	.280	-.129
10	806	-.125	.018	-.068	-.207	10	949	-.097	.034	.024	-.296	20	150	-.038	.050	.196	-.271
10	807	-.148	.035	-.066	-.520	20	101	.095	.191	.630	-.994	20	151	-.023	.051	.245	-.286
10	901	-.445	.234	.280	-1.223	20	102	.027	.161	.681	-.779	20	152	-.047	.047	.182	-.239
10	902	-.198	.086	.000	-.722	20	103	-.100	.137	.394	-.576	20	153	-.099	.053	.084	-.428
10	903	-.044	.099	.259	-.501	20	104	-.065	.130	.413	-.528	20	154	.021	.060	.277	-.305
10	904	-.589	.190	-.080	-1.223	20	105	-.130	.112	.355	-.612	20	155	-.081	.110	.338	-.756
10	905	.033	.131	.509	-.442	20	106	-.207	.103	.235	-.573	20	156	-.058	.103	.253	-.631
10	906	-.122	.197	.462	-.832	20	107	.249	.257	.950	-.867	20	157	-.061	.077	.196	-.459
10	907	-.163	.049	.028	-.476	20	108	.263	.194	.823	-.567	20	158	-.062	.057	.233	-.526

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	159	-.097	.054	.189	-.381	20	232	-.070	.063	.176	-.349	20	282	-.046	.048	.201	-.210
20	160	-.165	.061	.086	-.474	20	233	.128	.111	.570	-.257	20	283	.001	.088	.358	-.264
20	161	-.056	.077	.275	-.606	20	234	.233	.167	.788	-.665	20	284	-.148	.057	.322	-.342
20	162	-.022	.058	.297	-.342	20	235	.223	.180	.912	-.946	20	285	-.154	.033	-.038	-.329
20	163	.052	.062	.385	-.139	20	236	-.199	.038	-.076	-.342	20	286	-.166	.032	-.074	-.284
20	164	.084	.066	.373	-.078	20	237	-.210	.039	-.041	-.366	20	287	-.126	.033	.027	-.253
20	165	-.043	.055	.221	-.293	20	238	-.237	.052	-.093	-.418	20	288	-.055	.041	.228	-.161
20	166	-.007	.045	.214	-.205	20	239	-.184	.051	.003	-.362	20	289	-.107	.052	.127	-.355
20	167	-.025	.039	.143	-.200	20	240	-.057	.063	.173	-.316	20	290	.033	.065	.389	-.118
20	168	-.043	.035	.111	-.188	20	241	.078	.095	.465	-.187	20	291	.063	.077	.476	-.156
20	169	-.198	.053	-.024	-.499	20	242	.141	.127	.664	-.551	20	292	.045	.067	.474	-.165
20	170	.089	.075	.387	-.178	20	243	.157	.139	.810	-.471	20	293	.107	.080	.543	-.049
20	171	.114	.080	.583	-.063	20	244	-.189	.036	-.093	-.356	20	294	.074	.064	.463	-.063
20	172	-.021	.066	.285	-.357	20	245	-.199	.042	-.087	-.440	20	301	-.253	.079	-.036	-.593
20	173	.019	.055	.368	-.144	20	246	-.194	.040	-.043	-.414	20	302	-.252	.076	-.016	-.612
20	174	-.015	.045	.236	-.193	20	247	-.149	.045	.044	-.370	20	303	-.225	.057	-.025	-.519
20	175	-.035	.033	.187	-.132	20	248	-.072	.055	.216	-.307	20	304	-.195	.049	.001	-.401
20	176	-.096	.033	.174	-.254	20	249	-.003	.075	.406	-.261	20	305	-.191	.052	-.045	-.463
20	177	-.179	.050	.007	-.396	20	250	.041	.094	.616	-.294	20	306	-.199	.052	-.031	-.434
20	201	-.212	.051	-.038	-.388	20	251	.035	.089	.487	-.318	20	307	-.253	.073	-.062	-.632
20	202	-.220	.048	-.073	-.439	20	252	-.185	.036	-.085	-.357	20	308	-.240	.063	-.033	-.506
20	203	-.251	.047	-.079	-.497	20	253	-.155	.040	.000	-.429	20	309	-.221	.064	-.018	-.567
20	204	-.228	.046	-.043	-.433	20	254	-.012	.061	.264	-.229	20	310	-.218	.048	-.069	-.420
20	205	-.122	.056	.125	-.353	20	255	.018	.088	.589	-.318	20	311	-.211	.041	-.069	-.408
20	206	.060	.110	.487	-.368	20	256	-.108	.058	.188	-.364	20	312	-.205	.046	-.057	-.425
20	207	.204	.179	.713	-1.000	20	257	-.094	.068	.260	-.379	20	313	-.192	.045	-.036	-.384
20	208	.205	.173	.665	-.663	20	258	-.192	.044	-.065	-.434	20	314	-.198	.046	.021	-.379
20	209	-.219	.048	-.068	-.394	20	259	-.186	.036	-.078	-.353	20	315	-.256	.068	-.044	-.591
20	210	-.236	.050	-.075	-.455	20	260	-.182	.034	-.093	-.349	20	316	-.266	.073	-.040	-.759
20	211	-.270	.050	-.100	-.490	20	261	-.172	.034	-.078	-.342	20	317	-.241	.062	-.053	-.540
20	212	-.230	.050	-.045	-.435	20	262	-.163	.032	-.041	-.314	20	318	-.235	.050	-.102	-.417
20	213	-.066	.064	.170	-.340	20	263	-.108	.037	.068	-.235	20	319	-.229	.049	-.093	-.520
20	214	.121	.121	.476	-.368	20	264	-.029	.050	.179	-.187	20	320	-.212	.043	-.082	-.379
20	215	.265	.196	.800	-.853	20	265	.031	.060	.320	-.160	20	321	-.272	.069	-.033	-.634
20	216	.308	.244	1.014	-.891	20	266	.022	.072	.393	-.342	20	322	-.255	.059	-.028	-.502
20	217	-.169	.047	.082	-.366	20	267	.026	.079	.400	-.338	20	323	-.245	.053	-.091	-.538
20	218	-.142	.052	.060	-.360	20	268	.074	.077	.531	-.120	20	324	-.232	.046	-.075	-.408
20	219	.040	.114	.455	-.358	20	269	.027	.080	.526	-.425	20	325	-.221	.042	-.084	-.406
20	220	-.210	.042	-.077	-.398	20	270	-.176	.033	-.054	-.305	20	326	-.215	.041	-.077	-.388
20	221	-.230	.046	-.103	-.426	20	271	-.159	.035	-.030	-.333	20	327	-.210	.044	-.088	-.373
20	222	-.294	.055	-.105	-.482	20	272	-.112	.036	.053	-.233	20	328	-.212	.045	-.075	-.443
20	223	-.250	.062	-.040	-.478	20	273	-.023	.049	.267	-.150	20	329	-.209	.046	-.060	-.401
20	224	-.084	.068	.157	-.368	20	274	.006	.063	.389	-.194	20	330	-.230	.050	-.055	-.520
20	225	.140	.127	.555	-.424	20	275	.022	.070	.472	-.296	20	331	-.213	.039	-.098	-.433
20	226	.262	.188	.806	-.576	20	276	-.085	.047	.099	-.263	20	332	-.211	.037	-.107	-.390
20	227	.274	.228	.823	-1.131	20	277	-.039	.069	.284	-.261	20	333	-.206	.036	-.098	-.366
20	228	-.195	.037	-.053	-.349	20	278	-.161	.047	.116	-.318	20	334	-.202	.036	-.098	-.379
20	229	-.221	.043	-.081	-.398	20	279	-.162	.031	-.037	-.296	20	335	-.199	.036	-.084	-.329
20	230	-.276	.056	-.124	-.550	20	280	.086	.067	.434	-.272	20	336	-.194	.039	-.068	-.386
20	231	-.223	.056	-.055	-.450	20	281	.010	.052	.340	-.163	20	337	-.192	.039	-.075	-.349

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	338	-.227	.048	-.066	-.516	20	410	-.379	.132	-.020	-1.142	20	460	-.283	.058	-.112	-.494
20	339	-.214	.043	-.035	-.473	20	411	-.345	.125	-.034	-1.044	20	461	-.276	.054	-.103	-.500
20	340	-.212	.039	-.055	-.417	20	412	-.302	.103	-.029	-.858	20	462	-.313	.063	-.114	-.567
20	341	-.209	.040	-.080	-.444	20	413	-.279	.093	-.009	-.780	20	463	-.290	.079	-.076	-.682
20	342	-.204	.035	-.100	-.346	20	414	-.270	.084	-.038	-.753	20	464	-.303	.093	-.072	-.831
20	343	-.200	.038	-.088	-.349	20	415	-.276	.092	-.054	-.742	20	465	-.257	.065	-.055	-.693
20	344	-.194	.036	-.060	-.342	20	416	-.240	.062	-.016	-.474	20	466	-.264	.070	-.063	-.754
20	345	-.194	.038	-.053	-.382	20	417	-.248	.071	-.040	-.588	20	467	-.263	.062	-.076	-.554
20	346	-.240	.049	-.095	-.602	20	418	-.262	.087	.011	-.811	20	468	-.272	.065	-.044	-.655
20	347	-.233	.045	-.125	-.450	20	419	-.337	.115	.127	-.890	20	469	-.278	.071	-.080	-.846
20	348	-.222	.045	-.088	-.547	20	420	-.327	.110	.110	-.932	20	470	-.292	.081	-.072	-.913
20	349	-.219	.044	-.090	-.555	20	421	-.325	.112	-.007	-.843	20	471	-.289	.064	-.093	-.693
20	350	-.206	.039	-.095	-.361	20	422	-.289	.087	-.007	-.671	20	472	-.281	.063	-.084	-.569
20	351	-.201	.037	-.098	-.353	20	423	-.281	.082	-.027	-.709	20	473	-.301	.064	-.103	-.695
20	352	-.190	.038	-.088	-.349	20	424	-.280	.095	-.038	-1.001	20	474	-.284	.061	-.084	-.603
20	353	-.184	.035	-.090	-.314	20	425	-.245	.066	.007	-.510	20	475	-.282	.080	-.065	-.817
20	354	-.179	.061	-.023	-.488	20	426	-.253	.069	-.020	-.577	20	476	-.324	.090	-.126	-.802
20	355	-.187	.071	.057	-.632	20	427	-.309	.105	-.020	-.805	20	477	-.258	.081	-.005	-.857
20	356	-.199	.055	-.008	-.515	20	428	-.317	.103	-.049	-.841	20	478	-.263	.080	-.018	-.867
20	357	-.226	.080	-.038	-.788	20	429	-.321	.117	.025	-.841	20	479	-.370	.145	-.011	-1.446
20	358	-.220	.066	-.011	-.597	20	430	-.304	.103	.042	-.957	20	480	-.333	.131	-.061	-1.249
20	359	-.213	.065	.009	-.530	20	431	-.293	.097	.057	-1.019	20	481	-.325	.124	.004	-1.316
20	360	-.198	.041	-.095	-.381	20	432	-.285	.096	-.013	-.878	20	482	-.326	.087	-.111	-.766
20	361	-.202	.063	.004	-.562	20	433	-.280	.086	.025	-.735	20	483	-.312	.099	-.042	-1.101
20	362	-.205	.062	-.038	-.503	20	434	-.276	.087	.016	-.825	20	484	-.311	.084	-.103	-.643
20	363	-.140	.071	.091	-.679	20	435	-.282	.090	-.051	-.752	20	485	-.288	.082	-.129	-.748
20	364	-.193	.062	.009	-.629	20	436	-.256	.069	-.015	-.609	20	486	-.267	.064	-.132	-.676
20	365	-.228	.083	-.035	-.923	20	437	-.264	.076	-.030	-.657	20	487	-.333	.091	-.106	-.779
20	366	-.221	.080	-.055	-.803	20	438	-.280	.089	-.021	-.764	20	488	-.353	.113	-.125	-.942
20	367	-.209	.069	-.053	-.803	20	439	-.303	.092	.031	-.710	20	489	-.418	.138	-.132	-1.280
20	368	-.182	.038	-.035	-.339	20	440	-.286	.087	.069	-.792	20	490	-.288	.066	-.063	-.609
20	369	-.198	.038	-.090	-.353	20	441	-.260	.064	-.078	-.599	20	491	-.226	.052	-.036	-.508
20	370	-.133	.073	.109	-.614	20	442	-.272	.081	-.036	-.651	20	492	-.249	.067	-.065	-.582
20	371	-.125	.067	.136	-.537	20	443	-.252	.069	-.057	-.601	20	493	-.238	.053	-.050	-.431
20	372	-.190	.063	.002	-.647	20	444	-.256	.070	-.002	-.569	20	494	-.202	.048	-.068	-.398
20	373	-.210	.074	-.060	-.620	20	445	-.275	.085	.050	-.798	20	495	-.176	.046	-.027	-.492
20	374	-.220	.080	-.065	-.748	20	446	-.271	.081	-.019	-.764	20	496	-.160	.048	-.024	-.461
20	375	-.208	.066	-.068	-.738	20	447	-.272	.085	-.023	-1.092	20	497	-.331	.093	-.098	-.873
20	376	-.201	.060	-.042	-.597	20	448	-.282	.084	-.034	-.659	20	498	-.373	.104	-.109	-.848
20	377	-.180	.036	-.068	-.316	20	449	-.277	.074	-.023	-.632	20	499	-.305	.110	-.039	-1.002
20	378	-.201	.039	-.088	-.438	20	450	-.274	.070	-.047	-.619	20	500	-.294	.089	-.037	-.842
20	401	-.494	.157	-.103	-1.153	20	451	-.300	.080	-.080	-.678	20	501	-.248	.063	-.093	-.561
20	402	-.447	.138	-.065	-.997	20	452	-.275	.073	-.065	-.819	20	502	-.222	.051	-.070	-.464
20	403	-.326	.102	-.029	-.744	20	453	-.281	.082	-.070	-.750	20	503	-.214	.051	-.050	-.561
20	404	-.285	.101	.060	-.773	20	454	-.300	.098	-.049	-.865	20	504	-.155	.039	-.004	-.321
20	405	-.278	.111	.004	-.899	20	455	-.248	.063	-.036	-.601	20	505	-.138	.042	.037	-.405
20	406	-.278	.112	.029	-.990	20	456	-.250	.059	-.080	-.628	20	506	-.136	.049	.012	-.395
20	407	-.370	.136	.007	-.941	20	457	-.258	.066	-.059	-.687	20	507	-.261	.081	-.073	-.827
20	408	-.381	.138	.009	-.939	20	458	-.266	.064	-.078	-.808	20	508	-.299	.094	-.075	-.803
20	409	-.387	.155	.074	-1.017	20	459	-.271	.064	-.070	-.605	20	509	-.119	.060	.139	-.379

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	510	-.077	.053	.131	-.257	20	937	-.175	.046	.009	-.393	30	138	.154	.146	.685	-.270
20	511	-.117	.036	.129	-.237	20	938	-.291	.076	-.113	-.951	30	139	.155	.134	.663	-.404
20	512	-.123	.035	.067	-.261	20	939	-.214	.040	-.089	-.405	30	140	.221	.112	.619	-.085
20	513	-.084	.051	.172	-.242	20	940	-.242	.065	-.051	-.678	30	141	.170	.087	.499	-.095
20	514	-.128	.036	.007	-.319	20	941	-.153	.054	.088	-.336	30	142	.089	.068	.366	-.110
20	515	-.115	.041	.040	-.278	20	942	-.292	.086	-.051	-.702	30	143	.005	.054	.257	-.141
20	516	-.115	.049	.045	-.420	20	943	-.273	.079	-.043	-1.222	30	144	-.081	.045	.112	-.264
20	801	-.525	.194	-.129	-1.364	20	944	-.236	.070	-.089	-.858	30	145	-.178	.043	.043	-.315
20	802	-.238	.040	-.126	-.426	20	945	-.195	.056	.005	-.495	30	146	.107	.094	.534	-.253
20	803	-.199	.041	-.052	-.405	20	946	-.224	.054	-.007	-.484	30	147	.118	.094	.517	-.296
20	804	-.275	.085	-.018	-.664	20	947	-.246	.070	.002	-.611	30	148	.143	.095	.585	-.114
20	805	-.195	.034	-.075	-.323	20	948	-.252	.073	-.063	-.626	30	149	.135	.081	.466	-.109
20	806	-.231	.029	-.160	-.323	20	949	-.200	.070	-.046	-.593	30	150	-.016	.057	.242	-.228
20	807	-.217	.042	-.093	-.416	30	101	-.044	.168	.415	-.745	30	151	-.001	.057	.225	-.211
20	901	-.703	.243	.182	-1.500	30	102	-.059	.100	.417	-.602	30	152	-.026	.056	.193	-.243
20	902	-.342	.107	-.062	-.707	30	103	-.223	.084	.126	-.527	30	153	-.098	.049	.110	-.408
20	903	-.168	.079	.206	-.598	30	104	-.129	.079	.240	-.460	30	154	.110	.090	.490	-.318
20	904	-.750	.227	-.032	-1.673	30	105	-.216	.078	.156	-.514	30	155	-.095	.146	.539	-.593
20	905	-.106	.098	.328	-.445	30	106	-.303	.076	.043	-.540	30	156	-.028	.127	.346	-.720
20	906	.122	.175	.553	-.634	30	107	.172	.208	.704	-.730	30	157	-.050	.101	.242	-.474
20	907	-.183	.042	.000	-.469	30	108	.212	.161	.663	-.744	30	158	-.069	.064	.244	-.408
20	908	-.266	.061	-.064	-.497	30	109	.200	.117	.593	-.259	30	159	-.129	.060	.164	-.457
20	909	.015	.128	.524	-.618	30	110	.092	.098	.447	-.250	30	160	-.246	.072	.054	-.761
20	910	-.102	.093	.302	-.432	30	111	-.031	.085	.361	-.315	30	161	-.066	.090	.307	-.523
20	911	-.212	.040	-.108	-.405	30	112	-.116	.069	.227	-.384	30	162	-.003	.085	.378	-.318
20	912	-.221	.054	-.077	-.662	30	113	-.338	.082	.006	-.651	30	163	.138	.095	.629	-.082
20	913	-.170	.162	.395	-.860	30	114	-.314	.072	-.077	-.613	30	164	.183	.095	.651	-.029
20	914	-.227	.058	-.042	-.475	30	115	-.329	.061	-.129	-.582	30	165	-.052	.071	.315	-.323
20	915	-.151	.086	.110	-.634	30	116	.293	.115	.709	-.118	30	166	.030	.069	.329	-.201
20	916	-.251	.080	.114	-.512	30	117	.103	.092	.453	-.246	30	167	-.021	.045	.195	-.197
20	917	-.354	.117	-.014	-.893	30	118	-.015	.075	.399	-.317	30	168	-.042	.042	.181	-.228
20	918	-.331	.114	.188	-.822	30	119	-.118	.070	.225	-.384	30	169	-.293	.074	-.087	-.627
20	919	-.089	.091	.183	-.385	30	120	-.327	.063	-.114	-.647	30	170	.182	.103	.738	-.072
20	920	-.288	.083	.122	-.610	30	121	-.323	.058	-.129	-.632	30	171	.187	.118	.775	-.038
20	921	-.228	.075	.032	-.495	30	122	.274	.182	.864	-.366	30	172	-.010	.084	.407	-.528
20	922	-.249	.069	-.066	-.576	30	123	.301	.170	.779	-.989	30	173	.064	.088	.626	-.136
20	923	-.254	.074	-.026	-.569	30	124	.395	.145	.864	-.069	30	174	-.006	.051	.264	-.192
20	924	-.368	.102	-.078	-.893	30	125	.293	.115	.679	-.137	30	175	-.032	.039	.142	-.148
20	925	-.308	.093	-.018	-.835	30	126	.182	.093	.554	-.154	30	176	-.133	.039	.040	-.287
20	926	-.280	.106	.049	-.786	30	127	.053	.077	.391	-.179	30	177	-.262	.071	-.028	-.596
20	927	-.294	.105	.223	-.811	30	128	-.044	.068	.317	-.269	30	201	-.269	.042	-.106	-.414
20	928	-.316	.094	.055	-.729	30	129	-.160	.057	.166	-.338	30	202	-.271	.041	-.136	-.455
20	929	-.309	.094	.012	-.719	30	130	.223	.150	.764	-.266	30	203	-.277	.043	-.131	-.457
20	930	-.285	.083	-.007	-.734	30	131	.258	.142	.723	-.285	30	204	-.214	.048	-.037	-.410
20	931	-.273	.090	.036	-.741	30	132	.331	.124	.772	-.133	30	205	-.089	.064	.145	-.304
20	932	-.269	.070	-.028	-.581	30	133	.259	.100	.600	-.084	30	206	.132	.097	.501	-.177
20	933	-.274	.080	-.024	-.779	30	134	.142	.082	.491	-.080	30	207	.331	.132	.815	-.124
20	934	.116	.084	.613	-.099	30	135	.063	.066	.418	-.126	30	208	.397	.149	.816	-.090
20	935	-.151	.087	.234	-.561	30	136	-.039	.051	.217	-.216	30	209	-.279	.041	-.151	-.453
20	936	.048	.092	.522	-.173	30	137	-.138	.043	.096	-.267	30	210	-.281	.045	-.151	-.443

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	211	-.286	.046	-.125	-.462	30	261	-.238	.040	-.116	-.397	30	317	-.281	.056	-.095	-.562
30	212	-.178	.058	.002	-.403	30	262	-.200	.040	-.048	-.368	30	318	-.275	.044	-.157	-.454
30	213	.022	.076	.330	-.179	30	263	-.106	.054	.099	-.314	30	319	-.272	.043	-.139	-.509
30	214	.263	.103	.591	-.058	30	264	.022	.059	.323	-.158	30	320	-.266	.039	-.146	-.447
30	215	.439	.144	.904	.020	30	265	.111	.077	.447	-.100	30	321	-.314	.057	-.152	-.732
30	216	.460	.149	.924	-.024	30	266	.120	.083	.514	-.160	30	322	-.293	.053	-.086	-.699
30	217	-.133	.052	.102	-.289	30	267	.126	.099	.615	-.228	30	323	-.286	.048	-.146	-.478
30	218	-.073	.066	.181	-.261	30	268	.158	.109	.730	-.081	30	324	-.281	.043	-.155	-.556
30	219	.181	.127	.734	-.213	30	269	.136	.109	.642	-.252	30	325	-.271	.038	-.162	-.443
30	220	-.262	.039	-.131	-.453	30	270	-.243	.039	-.076	-.417	30	326	-.260	.035	-.157	-.396
30	221	-.277	.041	-.140	-.429	30	271	-.196	.044	.001	-.467	30	327	-.263	.039	-.154	-.460
30	222	-.300	.052	-.134	-.485	30	272	-.108	.045	.097	-.320	30	328	-.258	.040	-.137	-.430
30	223	-.211	.067	.080	-.455	30	273	.021	.057	.341	-.136	30	329	-.252	.041	-.093	-.404
30	224	.016	.076	.287	-.257	30	274	.071	.065	.396	-.098	30	330	-.285	.050	-.097	-.483
30	225	.271	.106	.661	-.002	30	275	.094	.089	.558	-.234	30	331	-.282	.047	-.101	-.463
30	226	.428	.143	.878	.052	30	276	-.076	.053	.128	-.417	30	332	-.282	.043	-.144	-.472
30	227	.440	.141	.915	-.034	30	277	.052	.094	.389	-.373	30	333	-.277	.039	-.166	-.427
30	228	-.269	.042	-.136	-.434	30	278	-.224	.071	.183	-.461	30	334	-.271	.039	-.139	-.411
30	229	-.284	.044	-.151	-.453	30	279	-.212	.042	-.037	-.375	30	335	-.264	.038	-.152	-.393
30	230	-.299	.050	-.140	-.479	30	280	.167	.089	.604	-.009	30	336	-.261	.042	-.124	-.447
30	231	-.212	.060	-.011	-.440	30	281	.074	.086	.428	-.128	30	337	-.258	.041	-.030	-.395
30	232	-.009	.070	.337	-.216	30	282	-.019	.059	.239	-.221	30	338	-.315	.061	-.079	-.612
30	233	.229	.100	.587	-.086	30	283	.087	.111	.512	-.313	30	339	-.319	.058	-.139	-.601
30	234	.355	.128	.831	-.076	30	284	-.195	.086	.235	-.509	30	340	-.318	.054	-.130	-.581
30	235	.372	.137	.811	-.169	30	285	-.184	.049	.045	-.376	30	341	-.315	.052	-.179	-.527
30	236	-.302	.044	-.144	-.467	30	286	-.219	.039	-.092	-.394	30	342	-.305	.046	-.137	-.521
30	237	-.303	.045	-.164	-.465	30	287	-.154	.044	.002	-.309	30	343	-.297	.043	-.161	-.463
30	238	-.287	.060	-.068	-.522	30	288	-.028	.057	.219	-.196	30	344	-.297	.051	-.104	-.489
30	239	-.184	.062	.086	-.386	30	289	-.115	.073	.122	-.496	30	345	-.295	.047	-.102	-.458
30	240	-.011	.069	.312	-.241	30	290	.087	.076	.394	-.079	30	346	-.331	.043	-.221	-.489
30	241	.167	.089	.622	-.063	30	291	.163	.094	.584	-.054	30	347	-.317	.046	-.189	-.475
30	242	.277	.127	.743	-.171	30	292	.143	.086	.539	-.164	30	348	-.315	.045	-.191	-.478
30	243	.293	.134	.857	-.294	30	293	.221	.115	.703	-.020	30	349	-.316	.045	-.181	-.552
30	244	-.278	.044	-.124	-.463	30	294	.160	.093	.572	-.038	30	350	-.291	.046	-.119	-.473
30	245	-.282	.046	-.076	-.478	30	301	-.292	.077	-.022	-.706	30	351	-.284	.046	-.144	-.479
30	246	-.244	.047	-.046	-.406	30	302	-.291	.070	-.082	-.639	30	352	-.277	.044	-.156	-.438
30	247	-.164	.051	.058	-.338	30	303	-.281	.057	-.111	-.636	30	353	-.269	.042	-.139	-.426
30	248	-.044	.056	.178	-.285	30	304	-.251	.048	-.102	-.428	30	354	-.237	.074	-.011	-.799
30	249	.053	.070	.361	-.162	30	305	-.250	.054	-.058	-.490	30	355	-.248	.081	-.006	-.700
30	250	.151	.104	.686	-.104	30	306	-.255	.051	-.100	-.536	30	356	-.307	.067	-.067	-.699
30	251	.136	.102	.578	-.202	30	307	-.295	.070	-.054	-.765	30	357	-.330	.072	-.127	-.730
30	252	-.270	.045	-.133	-.478	30	308	-.277	.057	-.104	-.656	30	358	-.322	.073	-.058	-.797
30	253	-.179	.053	.001	-.408	30	309	-.260	.057	-.072	-.656	30	359	-.307	.068	-.109	-.628
30	254	.048	.069	.328	-.215	30	310	-.265	.046	-.135	-.498	30	360	-.280	.042	-.154	-.453
30	255	.121	.098	.530	-.234	30	311	-.258	.040	-.141	-.438	30	361	-.311	.063	-.095	-.601
30	256	-.085	.067	.189	-.360	30	312	-.259	.041	-.113	-.404	30	362	-.305	.063	-.075	-.656
30	257	-.011	.120	.534	-.366	30	313	-.253	.043	-.124	-.432	30	363	-.165	.100	.123	-.777
30	258	-.269	.055	-.026	-.540	30	314	-.256	.043	-.135	-.421	30	364	-.316	.089	.031	-.727
30	259	-.262	.043	-.101	-.417	30	315	-.294	.059	-.117	-.589	30	365	-.345	.080	-.142	-.782
30	260	-.255	.041	-.125	-.428	30	316	-.294	.059	-.122	-.695	30	366	-.337	.075	-.159	-.754

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	367	-.324	.088	-.117	-1.073	30	439	-.300	.057	-.122	-.715	30	489	-.633	.181	-.265	-1.475
30	368	-.239	.053	-.023	-.394	30	440	-.305	.048	-.133	-.523	30	490	-.430	.085	-.217	-.822
30	369	-.269	.043	-.139	-.450	30	441	-.302	.052	-.118	-.582	30	491	-.327	.062	-.125	-.615
30	370	-.151	.095	.135	-.779	30	442	-.319	.069	-.154	-.718	30	492	-.350	.062	-.124	-.573
30	371	-.138	.085	.180	-.559	30	443	-.280	.042	-.141	-.468	30	493	-.331	.061	-.043	-.586
30	372	-.312	.084	-.040	-.727	30	444	-.279	.046	-.114	-.483	30	494	-.277	.058	-.093	-.550
30	373	-.327	.081	-.116	-.690	30	445	-.290	.046	-.107	-.513	30	495	-.235	.057	-.030	-.533
30	374	-.334	.078	-.157	-.776	30	446	-.289	.045	-.154	-.502	30	496	-.215	.063	.003	-.558
30	375	-.324	.062	-.149	-.538	30	447	-.285	.048	-.126	-.549	30	497	-.523	.123	-.208	-1.035
30	376	-.323	.069	-.137	-.611	30	448	-.300	.048	-.139	-.555	30	498	-.581	.155	-.261	-1.411
30	377	-.247	.049	-.050	-.398	30	449	-.307	.047	-.114	-.504	30	499	-.530	.159	-.049	-1.123
30	378	-.272	.042	-.147	-.423	30	450	-.316	.055	-.139	-.608	30	500	-.461	.129	-.081	-1.033
30	401	-.518	.178	-.140	-1.237	30	451	-.345	.060	-.156	-.633	30	501	-.360	.076	-.152	-.688
30	402	-.443	.136	-.133	-1.097	30	452	-.311	.053	-.149	-.671	30	502	-.301	.067	-.063	-.571
30	403	-.298	.070	-.117	-.615	30	453	-.317	.067	-.152	-.739	30	503	-.309	.072	-.091	-.576
30	404	-.316	.075	-.081	-.752	30	454	-.330	.074	-.105	-.749	30	504	-.204	.055	.029	-.472
30	405	-.313	.084	-.034	-.863	30	455	-.285	.044	-.137	-.420	30	505	-.167	.055	.049	-.416
30	406	-.313	.086	-.081	-.937	30	456	-.284	.042	-.114	-.437	30	506	-.159	.069	.051	-.634
30	407	-.361	.075	-.137	-.795	30	457	-.305	.040	-.158	-.435	30	507	-.383	.110	-.121	-1.074
30	408	-.373	.075	-.160	-.746	30	458	-.304	.042	-.181	-.650	30	508	-.469	.128	-.103	-1.168
30	409	-.372	.073	-.144	-.671	30	459	-.317	.047	-.147	-.527	30	509	-.098	.093	.261	-.434
30	410	-.302	.067	-.085	-.628	30	460	-.326	.045	-.194	-.496	30	510	-.043	.071	.266	-.365
30	411	-.297	.063	-.099	-.665	30	461	-.320	.046	-.204	-.561	30	511	-.137	.050	.097	-.310
30	412	-.301	.062	-.099	-.766	30	462	-.369	.051	-.200	-.553	30	512	-.155	.051	.061	-.348
30	413	-.313	.068	-.115	-.840	30	463	-.315	.057	-.114	-.641	30	513	-.075	.078	.307	-.284
30	414	-.316	.077	-.056	-.971	30	464	-.318	.074	-.078	-.707	30	514	-.177	.055	.002	-.425
30	415	-.322	.073	-.137	-.712	30	465	-.312	.047	-.175	-.511	30	515	-.143	.053	.071	-.375
30	416	-.289	.058	.009	-.559	30	466	-.308	.048	-.171	-.540	30	516	-.136	.056	.064	-.422
30	417	-.299	.066	-.085	-.761	30	467	-.324	.046	-.196	-.578	30	801	-.715	.196	-.225	-1.533
30	418	-.310	.083	-.108	-1.011	30	468	-.323	.045	-.204	-.489	30	802	-.330	.047	-.175	-.507
30	419	-.359	.069	-.155	-.725	30	469	-.331	.048	-.196	-.534	30	803	-.254	.038	-.126	-.406
30	420	-.335	.067	-.115	-.651	30	470	-.336	.052	-.179	-.561	30	804	-.324	.064	-.079	-.706
30	421	-.310	.058	-.117	-.610	30	471	-.347	.053	-.166	-.576	30	805	-.229	.031	-.149	-.363
30	422	-.303	.054	-.072	-.599	30	472	-.357	.052	-.206	-.599	30	806	-.304	.029	-.230	-.403
30	423	-.313	.057	-.158	-.592	30	473	-.368	.053	-.217	-.551	30	807	-.325	.046	-.175	-.488
30	424	-.330	.079	-.128	-.737	30	474	-.346	.051	-.190	-.608	30	901	-.861	.152	-.334	-1.493
30	425	-.294	.056	-.106	-.550	30	475	-.351	.067	-.052	-.958	30	902	-.488	.094	-.183	-.904
30	426	-.311	.065	-.128	-.746	30	476	-.385	.078	-.162	-.761	30	903	-.300	.079	-.045	-.641
30	427	-.287	.054	-.101	-.565	30	477	-.295	.060	-.095	-.603	30	904	-.881	.162	-.280	-1.446
30	428	-.290	.051	-.128	-.554	30	478	-.297	.059	-.099	-.599	30	905	-.264	.075	.069	-.579
30	429	-.319	.057	-.110	-.642	30	479	-.365	.073	-.144	-.865	30	906	.216	.128	.600	-.298
30	430	-.310	.056	-.124	-.577	30	480	-.353	.077	-.114	-.953	30	907	-.211	.039	.088	-.529
30	431	-.297	.055	-.104	-.571	30	481	-.342	.076	-.076	-.909	30	908	-.350	.067	-.144	-.613
30	432	-.304	.059	-.035	-.549	30	482	-.376	.064	-.192	-.662	30	909	.065	.145	.595	-.529
30	433	-.304	.053	-.143	-.606	30	483	-.368	.064	-.159	-.901	30	910	-.149	.084	.252	-.503
30	434	-.318	.064	.005	-.867	30	484	-.377	.069	-.195	-.728	30	911	-.299	.044	-.172	-.456
30	435	-.338	.072	-.143	-.817	30	485	-.385	.068	-.230	-.741	30	912	-.315	.053	-.156	-.532
30	436	-.294	.054	-.109	-.591	30	486	-.361	.056	-.187	-.614	30	913	-.351	.098	.058	-.689
30	437	-.307	.068	-.118	-.846	30	487	-.498	.131	-.206	-1.132	30	914	-.278	.055	-.130	-.576
30	438	-.313	.071	-.099	-.737	30	488	-.565	.147	-.251	-1.263	30	915	-.156	.062	.095	-.485

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	916	-.273	.085	.186	-.570	40	117	.033	.066	.319	-.181	40	167	-.022	.057	.248	-.391
30	917	-.365	.071	-.172	-.698	40	118	-.084	.052	.137	-.332	40	168	-.055	.051	.194	-.200
30	918	-.382	.079	-.135	-.731	40	119	-.171	.044	.018	-.337	40	169	-.326	.062	-.151	-.589
30	919	-.038	.084	.214	-.327	40	120	-.320	.047	-.161	-.518	40	170	.161	.112	.781	-.163
30	920	-.332	.074	.000	-.675	40	121	-.314	.046	-.173	-.537	40	171	.187	.115	.801	-.136
30	921	-.298	.063	-.024	-.574	40	122	.039	.155	.606	-.501	40	172	-.047	.099	.348	-.604
30	922	-.287	.055	-.121	-.596	40	123	.083	.176	.636	-.582	40	173	.043	.094	.534	-.173
30	923	-.299	.068	-.110	-.741	40	124	.252	.188	.844	-.696	40	174	-.007	.066	.306	-.261
30	924	-.383	.096	-.159	-.788	40	125	.226	.136	.650	-.435	40	175	-.038	.050	.191	-.166
30	925	-.303	.067	-.118	-.715	40	126	.128	.076	.426	-.081	40	176	-.157	.039	.006	-.342
30	926	-.302	.084	-.028	-.813	40	127	-.013	.056	.221	-.200	40	177	-.304	.064	-.104	-.620
30	927	-.299	.056	.031	-.568	40	128	-.108	.047	.085	-.255	40	201	-.298	.045	-.128	-.446
30	928	-.330	.061	-.101	-.650	40	129	-.211	.039	-.056	-.349	40	202	-.286	.044	-.143	-.437
30	929	-.298	.058	-.043	-.602	40	130	.082	.145	.687	-.715	40	203	-.252	.050	-.050	-.424
30	930	-.313	.062	-.133	-.610	40	131	.103	.161	.614	-.478	40	204	-.148	.063	.122	-.375
30	931	-.316	.073	-.129	-.942	40	132	.215	.168	.741	-.507	40	205	.005	.080	.295	-.258
30	932	-.316	.056	-.148	-.601	40	133	.203	.132	.633	-.343	40	206	.195	.115	.562	-.193
30	933	-.321	.066	-.128	-.652	40	134	.114	.074	.401	-.152	40	207	.368	.144	.855	-.024
30	934	.206	.120	.797	-.020	40	135	.027	.057	.244	-.152	40	208	.378	.149	.828	-.099
30	935	-.220	.104	.197	-.630	40	136	-.075	.045	.148	-.202	40	209	-.304	.040	-.160	-.466
30	936	.090	.095	.523	-.189	40	137	-.175	.034	.009	-.299	40	210	-.281	.043	-.126	-.439
30	937	-.197	.044	-.046	-.444	40	138	.053	.130	.589	-.454	40	211	-.225	.069	.003	-.453
30	938	-.372	.067	-.160	-.703	40	139	.068	.148	.592	-.706	40	212	-.061	.073	.185	-.299
30	939	-.303	.043	-.186	-.518	40	140	.174	.133	.636	-.322	40	213	.147	.100	.518	-.158
30	940	-.324	.065	-.179	-.746	40	141	.149	.116	.504	-.269	40	214	.342	.135	.750	-.028
30	941	-.207	.054	.128	-.406	40	142	.078	.071	.355	-.185	40	215	.461	.146	.908	.046
30	942	-.344	.068	-.167	-.737	40	143	-.006	.055	.210	-.179	40	216	.438	.153	.965	.007
30	943	-.355	.057	-.213	-.715	40	144	-.104	.044	.114	-.225	40	217	-.048	.065	.215	-.240
30	944	-.317	.069	-.165	-.975	40	145	-.194	.039	-.014	-.340	40	218	.045	.086	.338	-.221
30	945	-.312	.077	-.090	-.710	40	146	.063	.106	.620	-.689	40	219	.332	.141	.856	-.050
30	946	-.323	.064	-.089	-.563	40	147	.068	.102	.468	-.342	40	220	-.292	.040	-.160	-.429
30	947	-.332	.063	-.144	-.622	40	148	.122	.105	.573	-.254	40	221	-.295	.043	-.156	-.448
30	948	-.326	.055	-.165	-.668	40	149	.105	.092	.524	-.183	40	222	-.253	.061	.000	-.481
30	949	-.313	.091	-.090	-.841	40	150	-.041	.064	.223	-.224	40	223	-.088	.081	.195	-.364
40	101	-.350	.150	.208	-.794	40	151	-.012	.064	.233	-.217	40	224	.155	.100	.499	-.147
40	102	-.268	.165	.118	-.859	40	152	-.027	.059	.214	-.234	40	225	.368	.127	.848	.007
40	103	-.288	.092	-.006	-.662	40	153	-.109	.049	.081	-.300	40	226	.454	.155	.902	.048
40	104	-.195	.067	.006	-.533	40	154	.100	.109	.484	-.481	40	227	.435	.150	.898	.048
40	105	-.277	.065	-.015	-.550	40	155	-.134	.159	.500	-.714	40	228	-.319	.043	-.149	-.461
40	106	-.335	.065	-.024	-.555	40	156	-.060	.143	.397	-.790	40	229	-.300	.045	-.136	-.455
40	107	-.125	.145	.430	-.696	40	157	-.056	.106	.289	-.469	40	230	-.267	.053	-.045	-.485
40	108	-.102	.174	.458	-.613	40	158	-.079	.070	.326	-.357	40	231	-.101	.075	.182	-.342
40	109	.091	.148	.510	-.743	40	159	-.136	.065	.169	-.464	40	232	.112	.091	.462	-.121
40	110	.055	.114	.476	-.531	40	160	-.278	.069	.008	-.591	40	233	.318	.118	.720	.005
40	111	-.097	.061	.141	-.311	40	161	-.099	.110	.382	-.479	40	234	.375	.136	.890	.001
40	112	-.169	.049	.030	-.401	40	162	-.035	.099	.358	-.313	40	235	.373	.136	.849	-.034
40	113	-.363	.067	-.165	-.638	40	163	.122	.090	.612	-.117	40	236	-.334	.051	-.120	-.535
40	114	-.335	.059	-.151	-.560	40	164	.159	.095	.603	-.085	40	237	-.309	.053	-.109	-.500
40	115	-.328	.045	-.173	-.478	40	165	-.069	.085	.343	-.408	40	238	-.252	.065	.028	-.469
40	116	.232	.132	.677	-.575	40	166	.018	.074	.434	-.183	40	239	-.113	.071	.162	-.372

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	240	.051	.080	.398	-.169	40	290	.150	.082	.542	-.062	40	346	-.360	.044	-.225	-.536
40	241	.216	.106	.732	-.043	40	291	.180	.095	.560	-.059	40	347	-.360	.045	-.235	-.531
40	242	.279	.115	.760	-.060	40	292	.171	.091	.643	-.080	40	348	-.363	.044	-.243	-.546
40	243	.264	.133	.734	-.098	40	293	.188	.115	.702	-.073	40	349	-.353	.045	-.215	-.543
40	244	-.301	.044	-.151	-.479	40	294	.139	.098	.600	-.109	40	350	-.321	.049	-.123	-.506
40	245	-.283	.046	-.120	-.460	40	301	-.313	.071	-.057	-.748	40	351	-.319	.043	-.190	-.506
40	246	-.213	.054	-.027	-.449	40	302	-.302	.066	-.100	-.776	40	352	-.318	.042	-.203	-.491
40	247	-.111	.059	.120	-.327	40	303	-.303	.057	-.124	-.561	40	353	-.302	.039	-.173	-.499
40	248	-.003	.064	.372	-.217	40	304	-.294	.056	-.114	-.526	40	354	-.248	.072	-.029	-.536
40	249	.068	.076	.385	-.144	40	305	-.294	.063	-.094	-.576	40	355	-.249	.068	-.014	-.580
40	250	.142	.105	.624	-.215	40	306	-.302	.055	-.127	-.526	40	356	-.347	.062	-.168	-.633
40	251	.117	.104	.484	-.244	40	307	-.298	.062	-.109	-.659	40	357	-.381	.075	-.094	-.712
40	252	-.284	.045	-.140	-.500	40	308	-.299	.058	-.079	-.565	40	358	-.378	.081	-.118	-.849
40	253	-.129	.060	.162	-.407	40	309	-.283	.059	-.116	-.739	40	359	-.358	.075	-.141	-.762
40	254	.082	.078	.405	-.142	40	310	-.299	.048	-.113	-.519	40	360	-.313	.041	-.195	-.474
40	255	-.112	.098	.491	-.191	40	311	-.298	.040	-.153	-.443	40	361	-.362	.069	-.190	-.725
40	256	-.070	.063	.206	-.327	40	312	-.292	.048	-.142	-.494	40	362	-.354	.068	-.176	-.650
40	257	.111	.124	.588	-.308	40	313	-.296	.046	-.144	-.502	40	363	-.148	.099	.103	-.629
40	258	-.254	.098	.326	-.526	40	314	-.286	.045	-.124	-.426	40	364	-.356	.092	-.014	-.851
40	259	-.267	.050	-.098	-.440	40	315	-.299	.052	-.109	-.563	40	365	-.383	.078	-.151	-.841
40	260	-.251	.045	-.085	-.453	40	316	-.301	.056	-.153	-.814	40	366	-.385	.075	-.171	-.797
40	261	-.227	.045	-.058	-.425	40	317	-.296	.050	-.136	-.568	40	367	-.380	.089	-.158	-.876
40	262	-.163	.051	.010	-.350	40	318	-.306	.039	-.180	-.443	40	368	-.209	.065	-.105	-.461
40	263	-.045	.056	.173	-.259	40	319	-.302	.040	-.182	-.539	40	369	-.277	.043	-.111	-.436
40	264	.066	.065	.350	-.111	40	320	-.293	.037	-.168	-.425	40	370	-.135	.084	.185	-1.040
40	265	.173	.083	.527	-.046	40	321	-.316	.045	-.194	-.524	40	371	-.123	.080	.212	-.653
40	266	.113	.081	.524	-.219	40	322	-.310	.045	-.166	-.572	40	372	-.344	.086	-.099	-.730
40	267	.117	.090	.513	-.153	40	323	-.308	.041	-.168	-.490	40	373	-.371	.078	-.178	-.803
40	268	.142	.108	.604	-.171	40	324	-.313	.041	-.162	-.470	40	374	-.381	.076	-.186	-.816
40	269	.120	.112	.754	-.246	40	325	-.298	.038	-.188	-.418	40	375	-.383	.064	-.211	-.565
40	270	-.232	.045	-.067	-.398	40	326	-.299	.037	-.180	-.523	40	376	-.364	.069	-.173	-.681
40	271	-.155	.047	.008	-.327	40	327	-.293	.036	-.174	-.428	40	377	-.185	.075	.069	-.446
40	272	-.056	.056	.229	-.244	40	328	-.283	.037	-.174	-.433	40	378	-.286	.044	-.120	-.428
40	273	.075	.064	.341	-.096	40	329	-.283	.038	-.155	-.435	40	401	-.393	.111	-.127	-.997
40	274	.106	.074	.526	-.085	40	330	-.336	.053	-.184	-.639	40	402	-.381	.095	-.096	-.875
40	275	.091	.078	.509	-.147	40	331	-.342	.046	-.182	-.603	40	403	-.312	.063	-.096	-.651
40	276	-.087	.055	.151	-.250	40	332	-.326	.043	-.164	-.496	40	404	-.326	.071	-.073	-.633
40	277	.101	.093	.480	-.261	40	333	-.323	.036	-.222	-.459	40	405	-.322	.081	-.066	-.789
40	278	-.121	.113	.363	-.502	40	334	-.319	.041	-.146	-.441	40	406	-.331	.079	-.075	-.780
40	279	-.192	.052	.030	-.398	40	335	-.319	.042	-.203	-.483	40	407	-.351	.062	-.166	-.629
40	280	.164	.103	.573	-.089	40	336	-.311	.043	-.172	-.450	40	408	-.355	.062	-.172	-.638
40	281	.079	.080	.458	-.217	40	337	-.309	.043	-.148	-.459	40	409	-.359	.062	-.150	-.572
40	282	-.023	.059	.218	-.249	40	338	-.385	.062	-.180	-.934	40	410	-.304	.054	-.127	-.602
40	283	.137	.099	.593	-.134	40	339	-.389	.053	-.211	-.648	40	411	-.305	.050	-.143	-.550
40	284	-.092	.130	.481	-.470	40	340	-.376	.049	-.242	-.610	40	412	-.302	.050	-.147	-.534
40	285	-.133	.058	.137	-.328	40	341	-.382	.052	-.206	-.699	40	413	-.318	.056	-.147	-.642
40	286	-.200	.044	-.055	-.389	40	342	-.367	.049	-.246	-.695	40	414	-.320	.063	-.082	-.649
40	287	-.103	.052	.119	-.254	40	343	-.363	.045	-.209	-.530	40	415	-.332	.069	-.118	-.816
40	288	-.026	.064	.318	-.136	40	344	-.348	.045	-.203	-.530	40	416	-.303	.050	-.159	-.550
40	289	-.033	.077	.230	-.446	40	345	-.340	.044	-.185	-.613	40	417	-.297	.054	-.075	-.541

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	418	-.299	.056	-.129	-.669	40	468	-.356	.044	-.202	-.516	40	802	-.368	.045	-.242	-.609
40	419	-.347	.054	-.179	-.538	40	469	-.356	.042	-.219	-.550	40	803	-.278	.034	-.171	-.408
40	420	-.338	.053	-.184	-.536	40	470	-.365	.042	-.236	-.565	40	804	-.348	.065	-.135	-.688
40	421	-.318	.045	-.168	-.486	40	471	-.384	.047	-.253	-.563	40	805	-.236	.027	-.137	-.341
40	422	-.314	.048	-.161	-.475	40	472	-.383	.047	-.228	-.531	40	806	-.318	.027	-.252	-.413
40	423	-.316	.054	-.170	-.699	40	473	-.381	.051	-.234	-.584	40	807	-.355	.042	-.237	-.559
40	424	-.335	.068	-.152	-.897	40	474	-.388	.048	-.222	-.601	40	901	-.780	.146	-.303	-1.354
40	425	-.307	.050	-.157	-.574	40	475	-.379	.055	-.137	-.633	40	902	-.546	.091	-.229	-.847
40	426	-.315	.050	-.181	-.635	40	476	-.397	.055	-.255	-.696	40	903	-.393	.102	-.043	-.832
40	427	-.288	.040	-.141	-.425	40	477	-.324	.048	-.171	-.504	40	904	-.742	.139	-.351	-1.322
40	428	-.305	.044	-.154	-.477	40	478	-.323	.047	-.170	-.502	40	905	-.361	.092	-.019	-.903
40	429	-.318	.046	-.166	-.504	40	479	-.371	.057	-.219	-.701	40	906	.057	.195	.622	-.669
40	430	-.317	.045	-.147	-.500	40	480	-.346	.052	-.196	-.622	40	907	-.319	.091	-.099	-.678
40	431	-.307	.044	-.157	-.518	40	481	-.336	.062	-.148	-.637	40	908	-.392	.081	-.089	-.672
40	432	-.313	.042	-.190	-.502	40	482	-.378	.052	-.227	-.642	40	909	.014	.185	.653	-.739
40	433	-.322	.044	-.188	-.567	40	483	-.368	.049	-.232	-.632	40	910	-.179	.079	.203	-.518
40	434	-.330	.055	-.171	-.629	40	484	-.358	.051	-.219	-.561	40	911	-.349	.048	-.197	-.526
40	435	-.337	.062	-.179	-.690	40	485	-.394	.052	-.257	-.594	40	912	-.354	.051	-.212	-.624
40	436	-.307	.047	-.173	-.578	40	486	-.379	.049	-.155	-.566	40	913	-.364	.081	-.018	-.623
40	437	-.314	.052	-.154	-.673	40	487	-.540	.117	-.262	-1.972	40	914	-.306	.058	-.057	-.574
40	438	-.311	.053	-.086	-.582	40	488	-.580	.139	-.315	-1.237	40	915	-.225	.083	-.002	-.828
40	439	-.305	.044	-.179	-.449	40	489	-.644	.151	-.317	-1.479	40	916	-.265	.091	.267	-.617
40	440	-.317	.042	-.194	-.478	40	490	-.455	.080	-.252	-.849	40	917	-.363	.065	-.183	-.604
40	441	-.317	.044	-.196	-.527	40	491	-.351	.055	-.188	-.593	40	918	-.387	.069	-.181	-.627
40	442	-.331	.049	-.186	-.574	40	492	-.375	.056	-.227	-.602	40	919	-.085	.106	.192	-.517
40	443	-.290	.036	-.135	-.425	40	493	-.343	.057	-.148	-.563	40	920	-.328	.065	-.021	-.557
40	444	-.296	.040	-.177	-.444	40	494	-.285	.051	-.102	-.627	40	921	-.318	.064	-.091	-.598
40	445	-.313	.038	-.188	-.480	40	495	-.238	.053	-.025	-.556	40	922	-.302	.049	-.148	-.626
40	446	-.308	.040	-.158	-.442	40	496	-.220	.066	-.005	-.635	40	923	-.303	.051	-.155	-.586
40	447	-.302	.036	-.186	-.465	40	497	-.566	.113	-.308	-1.099	40	924	-.341	.058	-.171	-.657
40	448	-.318	.037	-.211	-.476	40	498	-.610	.139	-.283	-1.384	40	925	-.316	.065	-.090	-.696
40	449	-.319	.037	-.217	-.504	40	499	-.616	.156	-.037	-1.339	40	926	-.322	.072	-.075	-.664
40	450	-.320	.043	-.175	-.582	40	500	-.479	.107	-.155	-.923	40	927	-.307	.045	-.152	-.546
40	451	-.344	.049	-.217	-.591	40	501	-.380	.078	-.143	-.727	40	928	-.320	.044	-.202	-.533
40	452	-.325	.044	-.188	-.644	40	502	-.326	.071	-.094	-.683	40	929	-.308	.049	-.152	-.666
40	453	-.321	.050	-.169	-.584	40	503	-.311	.072	-.115	-.645	40	930	-.313	.051	-.163	-.647
40	454	-.315	.052	-.113	-.724	40	504	-.211	.053	-.033	-.477	40	931	-.320	.063	-.118	-.745
40	455	-.316	.041	-.181	-.438	40	505	-.161	.055	.133	-.464	40	932	-.315	.048	-.177	-.525
40	456	-.316	.039	-.211	-.444	40	506	-.149	.072	.061	-.561	40	933	-.317	.050	-.157	-.577
40	457	-.332	.037	-.228	-.474	40	507	-.440	.096	-.061	-.839	40	934	.194	.125	.828	-.065
40	458	-.324	.039	-.205	-.502	40	508	-.510	.110	-.209	-1.369	40	935	-.240	.106	.201	-.691
40	459	-.343	.038	-.224	-.482	40	509	-.167	.103	.248	-.595	40	936	.068	.092	.479	-.145
40	460	-.349	.039	-.241	-.495	40	510	-.058	.091	.323	-.497	40	937	-.216	.037	-.061	-.375
40	461	-.348	.047	-.211	-.512	40	511	-.144	.054	.145	-.305	40	938	-.376	.056	-.226	-.612
40	462	-.383	.047	-.247	-.599	40	512	-.171	.049	.126	-.375	40	939	-.342	.042	-.231	-.499
40	463	-.322	.047	-.158	-.548	40	513	-.071	.090	.409	-.339	40	940	-.352	.062	-.193	-.710
40	464	-.329	.052	-.158	-.625	40	514	-.187	.058	.023	-.499	40	941	-.246	.047	.016	-.437
40	465	-.341	.042	-.209	-.480	40	515	-.146	.051	.033	-.473	40	942	-.347	.051	-.193	-.571
40	466	-.344	.041	-.200	-.508	40	516	-.141	.058	.038	-.614	40	943	-.369	.050	-.236	-.595
40	467	-.358	.043	-.228	-.512	40	801	-.665	.202	-.214	-1.484	40	944	-.343	.055	-.224	-.772

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	945	-.363	.077	-.164	-.775	50	146	-.096	.151	.314	-1.057	50	219	.459	.150	.995	.001
40	946	-.350	.058	-.142	-.554	50	147	-.077	.133	.397	-.641	50	220	-.285	.042	-.118	-.441
40	947	-.343	.049	-.190	-.621	50	148	-.019	.100	.346	-.442	50	221	-.256	.049	-.103	-.422
40	948	-.341	.044	-.214	-.554	50	149	-.018	.093	.407	-.406	50	222	-.137	.069	.113	-.331
40	949	-.314	.072	-.151	-.717	50	150	-.116	.056	.113	-.433	50	223	.074	.093	.409	-.165
50	101	-.462	.099	-.058	-.923	50	151	-.085	.064	.174	-.335	50	224	.278	.108	.689	-.059
50	102	-.485	.115	-.062	-.999	50	152	-.101	.054	.123	-.303	50	225	.403	.142	.894	.038
50	103	-.423	.133	-.012	-.925	50	153	-.159	.045	.027	-.327	50	226	.421	.147	.916	.018
50	104	-.212	.093	.058	-.800	50	154	-.106	.174	.290	-1.345	50	227	.315	.148	.808	-.178
50	105	-.286	.073	.106	-.639	50	155	-.269	.144	.368	-1.074	50	228	-.314	.048	-.180	-.484
50	106	-.319	.068	-.075	-.666	50	156	-.140	.117	.253	-.768	50	229	-.274	.051	-.085	-.443
50	107	-.362	.114	.097	-1.008	50	157	-.122	.096	.238	-.523	50	230	-.144	.069	.087	-.351
50	108	-.361	.126	.194	-.915	50	158	-.129	.065	.135	-.518	50	231	.036	.088	.376	-.213
50	109	-.225	.250	.483	-.968	50	159	-.179	.065	.091	-.511	50	232	.222	.117	.592	-.094
50	110	-.085	.253	.550	-.900	50	160	-.295	.070	-.009	-.673	50	233	.325	.133	.851	-.006
50	111	-.108	.074	.189	-.560	50	161	-.203	.097	.265	-.714	50	234	.326	.148	.827	-.014
50	112	-.191	.052	.023	-.467	50	162	-.138	.097	.238	-.528	50	235	.236	.141	.737	-.194
50	113	-.349	.069	-.110	-.620	50	163	.023	.080	.377	-.320	50	236	-.308	.051	-.102	-.517
50	114	-.327	.058	-.117	-.580	50	164	.037	.086	.431	-.266	50	237	-.278	.056	-.054	-.482
50	115	-.314	.045	-.185	-.489	50	165	-.170	.080	.292	-.531	50	238	-.159	.066	.107	-.416
50	116	-.038	.280	.688	-.894	50	166	-.062	.060	.365	-.278	50	239	.011	.075	.317	-.269
50	117	.001	.075	.290	-.551	50	167	-.090	.049	.177	-.271	50	240	.119	.093	.484	-.133
50	118	-.109	.045	.112	-.347	50	168	-.119	.040	.089	-.232	50	241	.221	.124	.785	-.073
50	119	-.197	.042	-.041	-.416	50	169	-.345	.062	-.176	-.614	50	242	.158	.115	.585	-.172
50	120	-.320	.046	-.185	-.484	50	170	.043	.090	.441	-.271	50	243	.092	.109	.576	-.190
50	121	-.312	.046	-.191	-.543	50	171	.072	.094	.588	-.252	50	244	-.289	.048	-.097	-.508
50	122	-.188	.145	.332	-.715	50	172	-.163	.100	.236	-.775	50	245	-.251	.047	-.071	-.447
50	123	-.221	.150	.421	-.906	50	173	-.051	.066	.404	-.195	50	246	-.155	.053	.096	-.363
50	124	-.156	.281	.701	-.956	50	174	-.082	.065	.368	-.369	50	247	-.035	.064	.304	-.304
50	125	-.022	.265	.700	-.882	50	175	-.111	.042	.101	-.225	50	248	.054	.077	.396	-.262
50	126	.070	.099	.357	-.556	50	176	-.195	.036	-.024	-.354	50	249	.089	.091	.620	-.142
50	127	-.047	.047	.136	-.243	50	177	-.316	.061	-.102	-.657	50	250	.074	.084	.449	-.218
50	128	-.139	.038	.014	-.304	50	201	-.283	.044	-.133	-.452	50	251	.027	.081	.447	-.242
50	129	-.232	.035	-.075	-.347	50	202	-.254	.046	-.051	-.430	50	252	-.251	.047	-.098	-.436
50	130	-.175	.141	.473	-.769	50	203	-.174	.062	.070	-.400	50	253	-.055	.061	.192	-.269
50	131	-.172	.144	.392	-.653	50	204	-.043	.074	.253	-.301	50	254	.126	.089	.484	-.120
50	132	-.113	.241	.595	-.883	50	205	.098	.096	.422	-.172	50	255	.041	.078	.482	-.258
50	133	-.060	.220	.540	-.799	50	206	.263	.131	.665	-.139	50	256	-.067	.064	.216	-.359
50	134	.035	.111	.373	-.620	50	207	.350	.146	.829	-.054	50	257	.159	.129	.706	-.212
50	135	-.028	.065	.250	-.523	50	208	.286	.134	.793	-.174	50	258	-.136	.144	.436	-.559
50	136	-.115	.045	.057	-.501	50	209	-.286	.038	-.167	-.443	50	259	-.235	.055	-.038	-.447
50	137	-.196	.035	-.065	-.365	50	210	-.229	.048	-.005	-.422	50	260	-.217	.044	-.056	-.401
50	138	-.147	.124	.355	-.867	50	211	-.129	.072	.126	-.348	50	261	-.170	.044	.017	-.363
50	139	-.157	.137	.333	-.711	50	212	.073	.089	.400	-.226	50	262	-.087	.044	.080	-.264
50	140	-.091	.184	.579	-.885	50	213	.276	.111	.605	-.057	50	263	.031	.065	.346	-.253
50	141	-.067	.165	.467	-.734	50	214	.431	.145	.913	.012	50	264	.116	.080	.438	-.054
50	142	-.029	.095	.296	-.501	50	215	.399	.149	.898	-.066	50	265	.140	.079	.489	-.044
50	143	-.085	.066	.181	-.456	50	216	.314	.152	.806	-.152	50	266	.108	.072	.557	-.095
50	144	-.155	.045	.079	-.379	50	217	.053	.084	.402	-.191	50	267	.079	.076	.462	-.122
50	145	-.227	.039	-.079	-.410	50	218	.172	.104	.549	-.135	50	268	.020	.104	.506	-.458

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	269	.110	.121	.783	-.258	50	325	-.310	.041	-.191	-.518	50	375	-.374	.070	-.198	-.664
50	270	-.188	.040	-.034	-.315	50	326	-.300	.038	-.178	-.438	50	376	-.358	.081	-.147	-.728
50	271	-.088	.047	.153	-.308	50	327	-.294	.039	-.160	-.425	50	377	-.071	.075	.206	-.359
50	272	.013	.058	.254	-.185	50	328	-.285	.037	-.165	-.431	50	378	-.223	.050	-.042	-.411
50	273	.116	.077	.401	-.049	50	329	-.290	.040	-.156	-.434	50	401	-.345	.078	-.080	-.730
50	274	.122	.082	.537	-.054	50	330	-.382	.073	-.188	-.767	50	402	-.346	.079	-.082	-.759
50	275	.072	.068	.416	-.177	50	331	-.372	.068	-.173	-.765	50	403	-.323	.072	-.125	-.786
50	276	-.096	.059	.221	-.289	50	332	-.360	.051	-.195	-.565	50	404	-.334	.082	-.118	-1.103
50	277	.106	.093	.543	-.166	50	333	-.346	.050	-.204	-.656	50	405	-.321	.073	-.087	-.691
50	278	.024	.108	.396	-.370	50	334	-.332	.043	-.204	-.559	50	406	-.323	.067	-.112	-.788
50	279	-.124	.050	.089	-.291	50	335	-.325	.044	-.169	-.490	50	407	-.355	.063	-.136	-.599
50	280	.032	.088	.448	-.228	50	336	-.319	.046	-.137	-.465	50	408	-.358	.061	-.159	-.601
50	281	.051	.092	.507	-.183	50	337	-.316	.049	-.121	-.490	50	409	-.365	.062	-.145	-.662
50	282	-.034	.055	.199	-.188	50	338	-.418	.075	-.171	-.918	50	410	-.309	.052	-.130	-.575
50	283	.160	.104	.596	-.080	50	339	-.409	.065	-.145	-.869	50	411	-.309	.051	-.139	-.507
50	284	.058	.128	.626	-.327	50	340	-.408	.059	-.243	-.659	50	412	-.319	.060	-.141	-.831
50	285	-.067	.062	.226	-.339	50	341	-.413	.063	-.258	-.763	50	413	-.320	.066	-.109	-.691
50	286	-.139	.046	.059	-.327	50	342	-.385	.050	-.221	-.624	50	414	-.311	.063	-.098	-.595
50	287	-.013	.062	.244	-.163	50	343	-.374	.048	-.242	-.564	50	415	-.314	.057	-.159	-.705
50	288	.096	.076	.430	-.116	50	344	-.359	.045	-.184	-.539	50	416	-.306	.054	-.136	-.637
50	289	.070	.078	.462	-.224	50	345	-.362	.050	-.232	-.612	50	417	-.306	.052	-.136	-.610
50	290	.192	.097	.648	-.028	50	346	-.375	.062	-.188	-.930	50	418	-.311	.056	-.107	-.784
50	291	.213	.106	.763	-.060	50	347	-.372	.052	-.186	-.672	50	419	-.359	.057	-.161	-.615
50	292	.144	.083	.560	-.026	50	348	-.365	.052	-.201	-.647	50	420	-.333	.051	-.143	-.557
50	293	.060	.085	.513	-.206	50	349	-.371	.055	-.221	-.684	50	421	-.321	.047	-.174	-.503
50	294	.063	.098	.524	-.289	50	350	-.302	.062	-.030	-.528	50	422	-.319	.049	-.109	-.518
50	301	-.306	.070	-.091	-.610	50	351	-.319	.048	-.149	-.588	50	423	-.317	.053	-.177	-.637
50	302	-.302	.067	-.104	-.915	50	352	-.322	.047	-.161	-.533	50	424	-.342	.066	-.183	-.689
50	303	-.312	.075	-.070	-.660	50	353	-.303	.044	-.176	-.508	50	425	-.316	.052	-.147	-.530
50	304	-.314	.074	-.072	-.694	50	354	-.264	.086	.062	-.761	50	426	-.325	.049	-.154	-.592
50	305	-.314	.066	-.089	-.617	50	355	-.288	.083	.018	-.657	50	427	-.302	.043	-.147	-.458
50	306	-.307	.058	-.114	-.526	50	356	-.348	.086	-.007	-.709	50	428	-.306	.044	-.134	-.581
50	307	-.298	.062	-.106	-.602	50	357	-.370	.097	.042	-.779	50	429	-.319	.044	-.183	-.534
50	308	-.292	.057	-.104	-.530	50	358	-.395	.106	-.116	-1.034	50	430	-.318	.044	-.186	-.498
50	309	-.301	.064	-.092	-.687	50	359	-.370	.085	-.131	-.806	50	431	-.309	.048	-.166	-.580
50	310	-.311	.057	-.117	-.598	50	360	-.307	.048	-.144	-.595	50	432	-.316	.042	-.193	-.461
50	311	-.306	.046	-.169	-.500	50	361	-.389	.092	-.159	-.766	50	433	-.322	.051	-.195	-.718
50	312	-.305	.051	-.121	-.499	50	362	-.362	.088	-.139	-.709	50	434	-.317	.048	-.197	-.583
50	313	-.297	.051	-.104	-.503	50	363	-.176	.111	.228	-1.044	50	435	-.332	.055	-.170	-.606
50	314	-.294	.048	-.139	-.505	50	364	-.339	.102	-.037	-.883	50	436	-.309	.048	-.127	-.581
50	315	-.297	.050	-.142	-.534	50	365	-.383	.085	-.099	-.858	50	437	-.312	.047	-.134	-.549
50	316	-.296	.052	-.126	-.546	50	366	-.384	.081	-.151	-.734	50	438	-.308	.048	-.149	-.610
50	317	-.305	.054	-.116	-.667	50	367	-.363	.085	-.141	-.784	50	439	-.307	.043	-.151	-.499
50	318	-.312	.045	-.173	-.479	50	368	-.120	.074	.196	-.397	50	440	-.308	.043	-.155	-.486
50	319	-.308	.043	-.160	-.503	50	369	-.230	.048	-.067	-.426	50	441	-.315	.042	-.172	-.513
50	320	-.296	.043	-.169	-.470	50	370	-.140	.090	.142	-.937	50	442	-.331	.047	-.170	-.589
50	321	-.314	.050	-.181	-.650	50	371	-.140	.084	.258	-.493	50	443	-.296	.038	-.174	-.461
50	322	-.325	.052	-.186	-.635	50	372	-.309	.096	-.044	-.875	50	444	-.295	.040	-.180	-.469
50	323	-.324	.047	-.191	-.565	50	373	-.335	.087	-.132	-.807	50	445	-.318	.037	-.205	-.442
50	324	-.318	.042	-.195	-.487	50	374	-.384	.084	-.155	-.743	50	446	-.315	.038	-.197	-.480

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	447	-.310	.038	-.199	-.450
50	448	-.320	.042	-.178	-.465
50	449	-.320	.041	-.212	-.496
50	450	-.317	.042	-.201	-.520
50	451	-.342	.048	-.182	-.600
50	452	-.320	.040	-.195	-.524
50	453	-.317	.044	-.180	-.553
50	454	-.316	.047	-.167	-.598
50	455	-.323	.040	-.203	-.486
50	456	-.322	.041	-.186	-.444
50	457	-.341	.040	-.239	-.469
50	458	-.341	.044	-.216	-.503
50	459	-.340	.041	-.220	-.499
50	460	-.341	.044	-.227	-.507
50	461	-.333	.044	-.201	-.494
50	462	-.369	.046	-.220	-.522
50	463	-.335	.053	-.136	-.528
50	464	-.335	.056	-.123	-.604
50	465	-.358	.045	-.229	-.518
50	466	-.359	.049	-.233	-.638
50	467	-.369	.045	-.239	-.528
50	468	-.369	.045	-.233	-.659
50	469	-.363	.043	-.258	-.524
50	470	-.384	.045	-.237	-.532
50	471	-.388	.050	-.256	-.652
50	472	-.388	.051	-.239	-.625
50	473	-.399	.052	-.243	-.577
50	474	-.388	.053	-.224	-.598
50	475	-.375	.059	-.165	-.608
50	476	-.380	.057	-.091	-.636
50	477	-.321	.049	-.182	-.570
50	478	-.325	.048	-.192	-.568
50	479	-.369	.056	-.226	-.613
50	480	-.346	.060	-.183	-.745
50	481	-.340	.060	-.183	-.607
50	482	-.390	.055	-.244	-.636
50	483	-.369	.052	-.244	-.574
50	484	-.372	.050	-.234	-.610
50	485	-.384	.056	-.165	-.697
50	486	-.385	.050	-.119	-.572
50	487	-.499	.112	-.263	-.986
50	488	-.549	.120	-.304	-1.151
50	489	-.575	.130	-.311	-1.163
50	490	-.432	.073	-.235	-.763
50	491	-.344	.053	-.184	-.606
50	492	-.359	.053	-.214	-.559
50	493	-.319	.056	-.155	-.577
50	494	-.273	.051	-.122	-.518
50	495	-.247	.067	.063	-.633
50	496	-.240	.081	.119	-.636
50	497	-.515	.097	-.278	-.978
50	498	-.558	.125	-.321	-1.198
50	499	-.560	.122	-.197	-1.188
50	500	-.465	.093	-.216	-.881
50	501	-.365	.070	-.173	-.761
50	502	-.305	.062	-.104	-.574
50	503	-.266	.062	-.073	-.533
50	504	-.199	.055	.047	-.469
50	505	-.169	.071	.065	-.572
50	506	-.180	.085	.098	-.753
50	507	-.422	.090	-.155	-.909
50	508	-.475	.104	-.256	-.986
50	509	-.206	.091	.199	-.539
50	510	-.112	.083	.199	-.426
50	511	-.168	.047	.146	-.328
50	512	-.178	.045	.033	-.321
50	513	-.111	.072	.242	-.318
50	514	-.171	.056	.024	-.436
50	515	-.147	.059	.065	-.510
50	516	-.157	.085	.053	-.641
50	801	-.550	.163	-.206	-1.344
50	802	-.388	.053	-.247	-.677
50	803	-.298	.036	-.193	-.436
50	804	-.341	.064	-.154	-.630
50	805	-.269	.030	-.188	-.375
50	806	-.333	.030	-.262	-.423
50	807	-.352	.052	-.213	-.676
50	901	-.627	.111	-.288	-1.185
50	902	-.570	.102	-.094	-.920
50	903	-.437	.113	-.038	-.927
50	904	-.628	.113	-.245	-1.235
50	905	-.434	.123	-.001	-1.073
50	906	-.402	.158	.376	-.819
50	907	-.432	.102	-.100	-.864
50	908	-.402	.097	-.044	-.750
50	909	-.143	.172	.483	-.694
50	910	-.231	.076	.124	-.704
50	911	-.372	.063	-.208	-.656
50	912	-.379	.067	-.141	-.797
50	913	-.361	.090	-.051	-.748
50	914	-.320	.075	-.084	-.763
50	915	-.337	.119	.038	-.981
50	916	-.298	.079	.100	-.601
50	917	-.353	.064	-.174	-.671
50	918	-.360	.068	-.156	-.633
50	919	-.227	.089	.101	-.518
50	920	-.316	.057	-.094	-.528
50	921	-.310	.069	-.027	-.599
50	922	-.302	.053	-.121	-.574
50	923	-.297	.051	-.087	-.524
50	924	-.315	.060	-.135	-.556
50	925	-.316	.070	-.089	-.672
50	926	-.301	.064	-.070	-.608
50	927	-.297	.045	-.150	-.474
50	928	-.304	.048	-.172	-.562
50	929	-.305	.048	-.162	-.496
50	930	-.303	.058	-.155	-.788
50	931	-.316	.063	-.147	-.628
50	932	-.314	.047	-.141	-.565
50	933	-.315	.047	-.191	-.511
50	934	.074	.083	.483	-.153
50	935	-.278	.103	.059	-.725
50	936	.001	.083	.388	-.290
50	937	-.244	.038	-.091	-.414
50	938	-.383	.051	-.235	-.601
50	939	-.346	.045	-.225	-.701
50	940	-.359	.082	-.079	-1.048
50	941	-.261	.047	.038	-.450
50	942	-.352	.052	-.220	-.546
50	943	-.368	.049	-.239	-.565
50	944	-.343	.062	-.132	-.641
50	945	-.350	.069	-.175	-.750
50	946	-.342	.053	-.153	-.606
50	947	-.346	.049	-.206	-.572
50	948	-.346	.053	-.206	-.696
50	949	-.331	.091	-.034	-.834
60	101	-.519	.097	-.230	-1.049
60	102	-.526	.100	-.198	-1.114
60	103	-.530	.119	-.123	-1.068
60	104	-.404	.136	.037	-.915
60	105	-.333	.112	.049	-.755
60	106	-.320	.097	-.011	-.772
60	107	-.492	.098	-.184	-.881
60	108	-.512	.101	-.158	-.898
60	109	-.527	.138	.171	-1.068
60	110	-.506	.168	.469	-.986
60	111	-.317	.158	.129	-.836
60	112	-.307	.123	-.004	-.890
60	113	-.341	.084	-.026	-.689
60	114	-.322	.076	-.077	-.721
60	115	-.321	.060	-.130	-.682
60	116	-.481	.193	.405	-1.064
60	117	-.198	.186	.224	-.912
60	118	-.201	.123	.117	-.798
60	119	-.236	.091	.023	-1.206
60	120	-.317	.061	-.087	-.616
60	121	-.324	.064	-.121	-.616
60	122	-.452	.114	.006	-.833
60	123	-.462	.115	-.075	-.825
60	124	-.510	.170	.377	-1.129

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	125	-.493	.193	.412	-1.055
60	126	-.192	.225	.367	-.888
60	127	-.146	.126	.141	-.705
60	128	-.193	.087	.065	-.903
60	129	-.244	.059	-.026	-.633
60	130	-.400	.128	.098	-.906
60	131	-.419	.132	-.019	-.923
60	132	-.449	.189	.428	-1.321
60	133	-.385	.205	.438	-1.038
60	134	-.152	.197	.274	-.931
60	135	-.134	.130	.212	-.829
60	136	-.169	.090	.196	-.760
60	137	-.223	.066	.044	-.641
60	138	-.368	.147	.081	-1.501
60	139	-.368	.164	.119	-1.494
60	140	-.341	.215	.373	-1.349
60	141	-.297	.211	.350	-1.057
60	142	-.127	.151	.291	-.898
60	143	-.133	.096	.136	-.596
60	144	-.186	.069	.065	-.698
60	145	-.246	.052	-.054	-.534
60	146	-.319	.233	.288	-1.456
60	147	-.259	.203	.295	-1.383
60	148	-.081	.127	.440	-.704
60	149	-.067	.127	.525	-.648
60	150	-.148	.063	.092	-.498
60	151	-.115	.061	.134	-.464
60	152	-.119	.055	.107	-.354
60	153	-.178	.048	.055	-.444
60	154	-.333	.286	.223	-2.070
60	155	-.403	.125	.028	-1.049
60	156	-.199	.104	.160	-.805
60	157	-.139	.073	.102	-.516
60	158	-.166	.049	.014	-.530
60	159	-.210	.054	.036	-.530
60	160	-.312	.060	-.097	-.560
60	161	-.323	.098	.109	-.844
60	162	-.229	.091	.111	-.591
60	163	-.038	.090	.295	-.542
60	164	-.038	.095	.347	-.479
60	165	-.269	.093	-.011	-.880
60	166	-.100	.050	.136	-.364
60	167	-.138	.043	.040	-.317
60	168	-.144	.034	.065	-.261
60	169	-.357	.065	-.197	-.726
60	170	-.012	.101	.472	-.334
60	171	.021	.099	.513	-.315
60	172	-.236	.110	.138	-1.047
60	173	-.080	.059	.200	-.276
60	174	-.162	.064	.065	-.552
60	175	-.143	.037	.011	-.258
60	176	-.224	.036	-.067	-.366
60	177	-.350	.060	-.200	-.647
60	201	-.259	.051	-.088	-.490
60	202	-.204	.057	.010	-.410
60	203	-.086	.073	.175	-.362
60	204	.045	.091	.512	-.271
60	205	.180	.112	.503	-.142
60	206	.278	.135	.842	-.112
60	207	.289	.137	.781	-.128
60	208	.155	.124	.629	-.205
60	209	-.256	.040	-.119	-.388
60	210	-.171	.059	.063	-.369
60	211	-.000	.088	.440	-.247
60	212	.207	.110	.631	-.136
60	213	.359	.142	.796	.007
60	214	.451	.149	.898	-.019
60	215	.326	.143	.829	-.105
60	216	.182	.126	.590	-.197
60	217	.150	.104	.501	-.127
60	218	.298	.115	.633	-.036
60	219	.448	.147	.961	-.012
60	220	-.260	.048	-.082	-.418
60	221	-.199	.053	.016	-.371
60	222	-.016	.084	.316	-.288
60	223	.216	.116	.642	-.129
60	224	.395	.126	.892	-.029
60	225	.459	.142	.983	.066
60	226	.321	.131	.970	-.036
60	227	.144	.122	.655	-.173
60	228	-.304	.051	-.127	-.499
60	229	-.227	.057	.042	-.410
60	230	-.059	.079	.277	-.310
60	231	.143	.098	.525	-.121
60	232	.326	.122	.696	-.014
60	233	.387	.139	.857	-.001
60	234	.243	.127	.781	-.137
60	235	.097	.127	.604	-.354
60	236	-.295	.059	-.033	-.546
60	237	-.238	.065	.113	-.478
60	238	-.093	.075	.292	-.343
60	239	.074	.085	.433	-.179
60	240	.193	.104	.601	-.078
60	241	.256	.121	.690	-.064
60	242	.160	.128	.694	-.299
60	243	.024	.118	.511	-.431
60	244	-.259	.055	-.016	-.458
60	245	-.232	.056	.046	-.469
60	246	-.122	.059	.237	-.330
60	247	-.006	.058	.285	-.270
60	248	.079	.078	.398	-.239
60	249	.092	.099	.482	-.241
60	250	.025	.104	.446	-.294
60	251	-.033	.105	.367	-.403
60	252	-.230	.055	-.002	-.471
60	253	-.023	.066	.248	-.263
60	254	.159	.098	.540	-.162
60	255	-.000	.099	.352	-.361
60	256	-.046	.074	.259	-.339
60	257	.189	.143	.789	-.237
60	258	-.024	.178	.595	-.571
60	259	-.214	.065	.044	-.507
60	260	-.188	.052	.024	-.425
60	261	-.124	.058	.126	-.336
60	262	-.033	.058	.221	-.243
60	263	.083	.078	.383	-.113
60	264	.172	.089	.582	-.060
60	265	.168	.090	.530	-.143
60	266	.118	.087	.482	-.153
60	267	.066	.087	.436	-.274
60	268	-.013	.132	.498	-.624
60	269	.150	.134	.761	-.263
60	270	-.143	.055	.104	-.319
60	271	-.028	.057	.214	-.230
60	272	.069	.067	.385	-.190
60	273	.180	.082	.511	-.016
60	274	.173	.089	.520	-.027
60	275	.071	.079	.515	-.168
60	276	-.076	.063	.219	-.285
60	277	.139	.104	.584	-.204
60	278	.122	.119	.542	-.361
60	279	-.064	.065	.166	-.283
60	280	-.027	.094	.461	-.397
60	281	.081	.105	.687	-.173
60	282	-.001	.062	.241	-.216
60	283	.190	.106	.637	-.087
60	284	.164	.157	.866	-.300
60	285	.013	.076	.323	-.193
60	286	-.071	.063	.182	-.279
60	287	.057	.078	.366	-.166
60	288	.177	.090	.529	-.051
60	289	.152	.103	.633	-.168
60	290	.254	.109	.712	-.021
60	291	.256	.109	.782	.008
60	292	.181	.095	.592	-.073
60	293	.035	.094	.504	-.232
60	294	.054	.118	.558	-.402
60	301	-.342	.097	-.073	-.849
60	302	-.330	.090	-.046	-.802
60	303	-.356	.090	-.053	-.881

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	304	-.359	.082	-.085	-.750	60	354	-.256	.117	.182	-.724	60	426	-.346	.054	-.182	-.578
60	305	-.339	.070	-.108	-.672	60	355	-.279	.113	.163	-1.174	60	427	-.312	.062	-.085	-.637
60	306	-.334	.063	-.135	-.716	60	356	-.326	.109	.110	-.749	60	428	-.318	.064	-.053	-.660
60	307	-.322	.070	-.093	-.598	60	357	-.388	.117	.038	-.925	60	429	-.318	.055	-.103	-.596
60	308	-.325	.071	-.021	-.652	60	358	-.395	.116	-.106	-.982	60	430	-.324	.058	-.175	-.601
60	309	-.341	.077	-.108	-.739	60	359	-.372	.104	-.049	-.799	60	431	-.303	.053	-.134	-.512
60	310	-.355	.069	-.121	-.765	60	360	-.316	.079	-.083	-.823	60	432	-.308	.051	-.148	-.755
60	311	-.346	.055	-.156	-.628	60	361	-.390	.109	-.128	-.841	60	433	-.309	.050	-.137	-.647
60	312	-.340	.056	-.149	-.598	60	362	-.371	.093	-.121	-.749	60	434	-.313	.050	-.146	-.507
60	313	-.316	.055	-.142	-.548	60	363	-.179	.102	.158	-.712	60	435	-.323	.055	-.141	-.702
60	314	-.317	.053	-.157	-.543	60	364	-.307	.101	.011	-.925	60	436	-.327	.054	-.154	-.598
60	315	-.317	.058	-.147	-.620	60	365	-.383	.101	-.001	-.794	60	437	-.321	.051	-.139	-.617
60	316	-.311	.056	-.135	-.605	60	366	-.379	.100	-.098	-.786	60	438	-.320	.049	-.154	-.543
60	317	-.334	.059	-.121	-.657	60	367	-.361	.102	-.118	-.803	60	439	-.325	.066	-.110	-.741
60	318	-.357	.054	-.215	-.578	60	368	-.046	.082	.292	-.302	60	440	-.323	.056	-.118	-.573
60	319	-.342	.054	-.187	-.555	60	369	-.192	.054	-.006	-.411	60	441	-.341	.051	-.150	-.654
60	320	-.333	.045	-.197	-.519	60	370	-.145	.101	.195	-1.074	60	442	-.350	.047	-.190	-.564
60	321	-.335	.060	-.167	-.605	60	371	-.143	.086	.192	-.657	60	443	-.300	.052	-.122	-.560
60	322	-.387	.075	-.212	-.705	60	372	-.280	.095	-.006	-.759	60	444	-.305	.051	-.141	-.613
60	323	-.372	.056	-.199	-.633	60	373	-.305	.086	-.089	-.738	60	445	-.313	.047	-.163	-.513
60	324	-.362	.055	-.222	-.674	60	374	-.392	.100	-.084	-.784	60	446	-.314	.046	-.167	-.496
60	325	-.344	.047	-.222	-.522	60	375	-.358	.085	-.125	-.674	60	447	-.309	.046	-.171	-.496
60	326	-.336	.047	-.194	-.575	60	376	-.331	.092	-.107	-.773	60	448	-.308	.043	-.173	-.479
60	327	-.319	.043	-.189	-.492	60	377	-.032	.088	.452	-.265	60	449	-.313	.040	-.192	-.473
60	328	-.311	.045	-.167	-.479	60	378	-.167	.066	.074	-.408	60	450	-.310	.042	-.154	-.509
60	329	-.304	.044	-.120	-.497	60	401	-.328	.084	-.069	-.739	60	451	-.321	.048	-.186	-.532
60	330	-.444	.092	-.227	-.948	60	402	-.317	.078	-.064	-.664	60	452	-.321	.046	-.158	-.537
60	331	-.415	.079	-.177	-1.012	60	403	-.312	.072	-.119	-.721	60	453	-.324	.047	-.139	-.547
60	332	-.400	.070	-.207	-.809	60	404	-.306	.066	-.092	-.705	60	454	-.333	.048	-.139	-.571
60	333	-.381	.054	-.210	-.661	60	405	-.308	.067	-.101	-.630	60	455	-.314	.048	-.154	-.549
60	334	-.363	.051	-.204	-.575	60	406	-.323	.074	-.035	-.759	60	456	-.315	.046	-.184	-.501
60	335	-.355	.049	-.209	-.561	60	407	-.360	.078	-.114	-.703	60	457	-.325	.045	-.199	-.494
60	336	-.343	.054	-.147	-.558	60	408	-.359	.079	-.089	-.680	60	458	-.332	.041	-.209	-.505
60	337	-.342	.054	-.142	-.529	60	409	-.348	.079	-.058	-.757	60	459	-.332	.041	-.203	-.498
60	338	-.427	.077	-.222	-.910	60	410	-.312	.068	-.135	-.580	60	460	-.330	.043	-.205	-.505
60	339	-.427	.071	-.248	-1.045	60	411	-.303	.066	-.062	-.648	60	461	-.323	.047	-.192	-.484
60	340	-.426	.072	-.253	-.852	60	412	-.307	.060	-.107	-.703	60	462	-.347	.052	-.169	-.556
60	341	-.421	.068	-.253	-.783	60	413	-.305	.062	-.105	-.947	60	463	-.327	.052	-.122	-.556
60	342	-.406	.058	-.253	-.654	60	414	-.309	.059	-.101	-.589	60	464	-.343	.058	-.135	-.581
60	343	-.393	.058	-.246	-.637	60	415	-.318	.060	-.049	-.603	60	465	-.360	.048	-.216	-.632
60	344	-.378	.053	-.231	-.667	60	416	-.326	.059	-.128	-.574	60	466	-.354	.048	-.218	-.617
60	345	-.385	.056	-.218	-.608	60	417	-.315	.057	-.146	-.587	60	467	-.360	.044	-.214	-.535
60	346	-.380	.076	-.158	-1.007	60	418	-.320	.059	-.103	-.798	60	468	-.367	.047	-.226	-.566
60	347	-.374	.060	-.200	-.669	60	419	-.353	.073	-.035	-.716	60	469	-.365	.047	-.239	-.562
60	348	-.388	.074	-.170	-1.151	60	420	-.332	.068	-.082	-.612	60	470	-.376	.047	-.224	-.637
60	349	-.391	.068	-.160	-1.010	60	421	-.327	.062	-.089	-.619	60	471	-.381	.050	-.243	-.607
60	350	-.290	.084	.063	-.682	60	422	-.317	.060	-.137	-.576	60	472	-.381	.052	-.195	-.594
60	351	-.313	.061	-.096	-.597	60	423	-.316	.063	-.092	-.723	60	473	-.383	.058	-.186	-.668
60	352	-.329	.062	-.121	-.744	60	424	-.332	.059	-.157	-.922	60	474	-.384	.056	-.188	-.624
60	353	-.303	.060	-.091	-.821	60	425	-.335	.060	-.125	-.761	60	475	-.383	.062	-.148	-.622

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	476	-.375	.062	-.125	-.687
60	477	-.329	.053	-.148	-.583
60	478	-.329	.052	-.137	-.576
60	479	-.364	.059	-.163	-.631
60	480	-.353	.057	-.194	-.789
60	481	-.320	.058	-.130	-.669
60	482	-.371	.051	-.232	-.569
60	483	-.368	.052	-.184	-.592
60	484	-.369	.053	-.219	-.572
60	485	-.385	.057	-.135	-.643
60	486	-.375	.060	-.084	-.633
60	487	-.469	.098	-.239	-.850
60	488	-.479	.101	-.246	-.986
60	489	-.492	.101	-.237	-.955
60	490	-.406	.077	-.203	-.816
60	491	-.361	.053	-.167	-.663
60	492	-.336	.054	-.176	-.539
60	493	-.290	.060	-.025	-.676
60	494	-.262	.068	.031	-.587
60	495	-.232	.088	.123	-.623
60	496	-.241	.104	.176	-.837
60	497	-.474	.094	-.278	-.814
60	498	-.482	.099	-.250	-.937
60	499	-.510	.106	-.238	-.956
60	500	-.442	.093	-.219	-.896
60	501	-.344	.075	-.158	-.684
60	502	-.262	.059	-.074	-.534
60	503	-.210	.065	.036	-.643
60	504	-.203	.073	.066	-.595
60	505	-.176	.095	.248	-.661
60	506	-.196	.109	.199	-1.154
60	507	-.434	.087	-.214	-.978
60	508	-.467	.093	-.263	-.931
60	509	-.304	.073	-.019	-.589
60	510	-.207	.093	.173	-.562
60	511	-.175	.053	.039	-.359
60	512	-.174	.046	.058	-.349
60	513	-.128	.070	.182	-.361
60	514	-.166	.067	.115	-.436
60	515	-.149	.083	.180	-.677
60	516	-.162	.117	.259	-1.027
60	801	-.475	.139	-.184	-1.312
60	802	-.401	.064	-.235	-.745
60	803	-.307	.037	-.194	-.459
60	804	-.329	.066	-.129	-.643
60	805	-.287	.030	-.207	-.408
60	806	-.328	.029	-.245	-.411
60	807	-.363	.058	-.197	-.671
60	901	-.551	.109	-.238	-.988
60	902	-.549	.111	-.186	-1.011
60	903	-.470	.122	-.136	-1.044
60	904	-.558	.108	-.136	-1.009
60	905	-.481	.141	-.034	-1.237
60	906	-.547	.108	-.171	-.931
60	907	-.489	.122	-.090	-.912
60	908	-.436	.113	.010	-.922
60	909	-.316	.120	.175	-.845
60	910	-.293	.078	.230	-.565
60	911	-.396	.090	-.158	-.876
60	912	-.395	.095	-.117	-.926
60	913	-.475	.119	-.075	-1.031
60	914	-.354	.089	.044	-.857
60	915	-.440	.147	.066	-1.311
60	916	-.355	.108	.129	-.783
60	917	-.346	.077	-.049	-.696
60	918	-.356	.083	-.061	-.772
60	919	-.297	.077	-.025	-.562
60	920	-.341	.080	-.014	-.827
60	921	-.342	.092	-.006	-.738
60	922	-.330	.061	-.146	-.608
60	923	-.326	.059	-.103	-.585
60	924	-.307	.071	-.038	-.612
60	925	-.308	.068	-.045	-.633
60	926	-.311	.077	-.060	-.680
60	927	-.302	.063	-.016	-.579
60	928	-.314	.064	-.080	-.613
60	929	-.299	.057	-.075	-.560
60	930	-.301	.060	-.087	-.682
60	931	-.318	.068	-.126	-.709
60	932	-.340	.057	-.169	-.565
60	933	-.334	.053	-.139	-.707
60	934	.018	.099	.532	-.301
60	935	-.351	.109	.029	-.752
60	936	-.003	.089	.343	-.321
60	937	-.261	.041	-.122	-.455
60	938	-.371	.054	-.222	-.615
60	939	-.347	.053	-.172	-.663
60	940	-.367	.110	.012	-1.080
60	941	-.279	.046	.024	-.450
60	942	-.356	.052	-.201	-.622
60	943	-.350	.058	-.170	-.661
60	944	-.340	.075	-.129	-.891
60	945	-.367	.069	-.138	-.666
60	946	-.350	.055	-.172	-.565
60	947	-.342	.054	-.189	-.706
60	948	-.352	.083	-.124	-1.310
60	949	-.344	.128	-.029	-.962
70	101	-.522	.103	-.237	-1.000
70	102	-.536	.108	-.208	-1.105
70	103	-.556	.125	-.160	-1.100
70	104	-.490	.137	.034	-1.043
70	105	-.396	.126	.068	-1.000
70	106	-.407	.137	.104	-.995
70	107	-.520	.106	-.220	-1.000
70	108	-.523	.108	-.234	-.991
70	109	-.563	.119	-.258	-1.064
70	110	-.578	.134	-.154	-1.169
70	111	-.515	.152	.032	-1.158
70	112	-.498	.166	.024	-1.199
70	113	-.385	.114	.094	-.947
70	114	-.365	.109	-.033	-.895
70	115	-.368	.102	-.035	-.849
70	116	-.566	.127	-.020	-1.125
70	117	-.495	.155	-.015	-1.111
70	118	-.418	.154	.119	-1.066
70	119	-.416	.183	.144	-1.347
70	120	-.361	.106	-.084	-.886
70	121	-.371	.110	-.059	-.925
70	122	-.517	.105	-.198	-.918
70	123	-.535	.106	-.189	-.985
70	124	-.548	.123	.018	-1.148
70	125	-.536	.122	.018	-1.029
70	126	-.508	.169	.173	-1.036
70	127	-.399	.174	.102	-1.179
70	128	-.355	.153	.076	-.968
70	129	-.340	.146	.031	-1.028
70	130	-.518	.123	-.153	-1.134
70	131	-.540	.126	-.071	-1.400
70	132	-.558	.146	-.057	-1.278
70	133	-.544	.151	.245	-1.404
70	134	-.465	.195	.255	-1.259
70	135	-.366	.189	.158	-1.076
70	136	-.324	.165	.250	-1.087
70	137	-.338	.167	.058	-1.376
70	138	-.498	.149	-.129	-1.393
70	139	-.506	.167	.045	-1.559
70	140	-.495	.209	.341	-1.467
70	141	-.488	.205	.445	-1.357
70	142	-.321	.204	.201	-1.317
70	143	-.271	.163	.227	-.942
70	144	-.282	.136	.097	-.965
70	145	-.307	.118	-.020	-1.118
70	146	-.435	.221	.051	-1.915
70	147	-.413	.185	.218	-1.560
70	148	-.268	.169	.575	-1.040
70	149	-.238	.184	.468	-1.155
70	150	-.232	.127	.097	-.859
70	151	-.191	.105	.178	-.687
70	152	-.194	.094	.100	-.851
70	153	-.227	.082	.039	-.751

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	154	-.415	.230	.101	-1.907	70	227	-.006	.105	.450	-.483	70	277	.096	.094	.522	-.155
70	155	-.476	.152	-.008	-1.217	70	228	-.248	.059	.003	-.462	70	278	.161	.123	.772	-.275
70	156	-.271	.105	.007	-.964	70	229	-.137	.074	.165	-.366	70	279	.003	.075	.299	-.215
70	157	-.184	.076	.073	-.577	70	230	.087	.098	.428	-.247	70	280	-.160	.125	.294	-.694
70	158	-.192	.060	.004	-.530	70	231	.251	.133	.749	-.112	70	281	.039	.126	.518	-.418
70	159	-.222	.058	-.047	-.616	70	232	.340	.136	.775	-.106	70	282	-.009	.060	.194	-.188
70	160	-.296	.068	-.113	-.675	70	233	.310	.151	.814	-.082	70	283	.161	.111	.633	-.088
70	161	-.413	.127	-.008	-1.106	70	234	.121	.144	.567	-.312	70	284	.177	.132	.821	-.208
70	162	-.260	.083	-.013	-.643	70	235	-.056	.124	.388	-.493	70	285	.085	.086	.459	-.199
70	163	-.179	.129	.230	-.886	70	236	-.231	.073	.074	-.517	70	286	.028	.071	.280	-.197
70	164	-.184	.125	.200	-.624	70	237	-.151	.084	.191	-.425	70	287	.158	.092	.538	-.143
70	165	-.334	.113	-.029	-.927	70	238	.029	.103	.447	-.257	70	288	.222	.109	.637	-.014
70	166	-.139	.058	.171	-.462	70	239	.144	.113	.692	-.133	70	289	.226	.114	.651	-.152
70	167	-.186	.058	.012	-.741	70	240	.174	.110	.752	-.085	70	290	.259	.112	.762	.004
70	168	-.168	.038	-.008	-.349	70	241	.133	.119	.575	-.186	70	291	.229	.115	.771	-.029
70	169	-.314	.062	-.165	-.601	70	242	.001	.136	.673	-.409	70	292	.096	.088	.518	-.242
70	170	-.176	.144	.252	-.822	70	243	-.146	.132	.355	-.595	70	293	-.093	.125	.321	-.703
70	171	-.128	.133	.345	-.672	70	244	-.209	.069	.109	-.515	70	294	-.024	.151	.522	-.565
70	172	-.276	.151	.168	-1.099	70	245	-.161	.077	.156	-.442	70	301	-.379	.118	-.028	-.903
70	173	-.093	.077	.259	-.493	70	246	-.036	.086	.436	-.288	70	302	-.382	.109	-.052	-1.013
70	174	-.235	.085	.009	-.594	70	247	.046	.083	.514	-.184	70	303	-.399	.107	-.023	-.918
70	175	-.166	.037	-.010	-.305	70	248	.048	.069	.370	-.173	70	304	-.395	.090	-.164	-.855
70	176	-.220	.037	-.101	-.378	70	249	-.002	.078	.350	-.297	70	305	-.366	.071	-.105	-.733
70	177	-.308	.068	-.127	-.644	70	250	-.121	.103	.322	-.472	70	306	-.359	.070	-.133	-.801
70	201	-.211	.060	.070	-.466	70	251	-.188	.118	.295	-.590	70	307	-.362	.093	-.089	-1.000
70	202	-.137	.068	.105	-.409	70	252	-.162	.082	.103	-.597	70	308	-.350	.079	-.128	-.680
70	203	.014	.097	.352	-.360	70	253	.067	.098	.617	-.268	70	309	-.387	.094	-.142	-.875
70	204	.150	.111	.489	-.268	70	254	.096	.081	.465	-.191	70	310	-.402	.085	-.174	-.845
70	205	.236	.121	.673	-.160	70	255	-.144	.119	.264	-.601	70	311	-.382	.063	-.202	-.675
70	206	.263	.134	.684	-.182	70	256	-.040	.086	.282	-.367	70	312	-.359	.063	-.142	-.709
70	207	.198	.130	.715	-.286	70	257	.141	.130	.728	-.303	70	313	-.349	.064	-.172	-.638
70	208	.035	.112	.458	-.284	70	258	.170	.156	.754	-.409	70	314	-.335	.061	-.140	-.590
70	209	-.206	.052	-.012	-.379	70	259	-.203	.075	.057	-.548	70	315	-.347	.069	-.125	-.665
70	210	-.092	.072	.203	-.353	70	260	-.126	.070	.160	-.562	70	316	-.343	.071	-.152	-.706
70	211	.133	.108	.506	-.162	70	261	-.043	.070	.211	-.416	70	317	-.390	.079	-.199	-.890
70	212	.317	.126	.682	-.051	70	262	.068	.077	.397	-.180	70	318	-.404	.068	-.237	-.738
70	213	.425	.142	.864	.001	70	263	.151	.092	.456	-.091	70	319	-.407	.068	-.234	-.723
70	214	.423	.152	.879	-.056	70	264	.186	.089	.533	-.034	70	320	-.376	.060	-.222	-.680
70	215	.226	.135	.678	-.238	70	265	.090	.086	.501	-.177	70	321	-.381	.078	-.167	-.791
70	216	.040	.116	.469	-.409	70	266	.018	.090	.381	-.361	70	322	-.443	.099	-.212	-.940
70	217	.261	.114	.643	-.130	70	267	-.072	.103	.284	-.445	70	323	-.417	.081	-.237	-.825
70	218	.386	.130	.836	.037	70	268	-.152	.169	.487	-.707	70	324	-.415	.078	-.234	-.910
70	219	.441	.153	.977	-.058	70	269	.083	.166	.772	-.535	70	325	-.399	.067	-.167	-.795
70	220	-.224	.055	.001	-.429	70	270	-.075	.064	.198	-.299	70	326	-.368	.059	-.184	-.620
70	221	-.119	.066	.144	-.386	70	271	.064	.078	.580	-.140	70	327	-.354	.056	-.198	-.585
70	222	.110	.094	.467	-.186	70	272	.143	.081	.509	-.071	70	328	-.344	.060	-.162	-.692
70	223	.312	.127	.723	-.028	70	273	.175	.087	.624	-.025	70	329	-.343	.058	-.162	-.602
70	224	.454	.147	.955	.016	70	274	.115	.074	.412	-.111	70	330	-.425	.092	-.202	-1.293
70	225	.418	.146	.884	-.051	70	275	.006	.076	.348	-.219	70	331	-.441	.098	-.144	-1.001
70	226	.196	.130	.641	-.279	70	276	-.074	.066	.216	-.365	70	332	-.418	.076	-.199	-.883

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	333	-.409	.065	-.219	-.690	70	405	-.346	.093	-.068	-1.325	70	455	-.341	.093	-.087	-.751
70	334	-.400	.065	-.239	-.612	70	406	-.342	.086	-.077	-.780	70	456	-.335	.087	-.062	-.768
70	335	-.393	.060	-.218	-.621	70	407	-.407	.112	-.070	-.846	70	457	-.335	.064	-.162	-.596
70	336	-.375	.062	-.167	-.670	70	408	-.389	.108	-.056	-.834	70	458	-.339	.068	-.164	-.613
70	337	-.379	.066	-.198	-.723	70	409	-.363	.096	-.025	-.823	70	459	-.331	.065	-.162	-.639
70	338	-.429	.087	-.129	-1.021	70	410	-.354	.093	-.043	-.710	70	460	-.324	.055	-.138	-.548
70	339	-.416	.080	-.172	-.783	70	411	-.335	.084	-.100	-.744	70	461	-.326	.058	-.115	-.577
70	340	-.421	.087	-.229	-1.058	70	412	-.338	.081	-.072	-.796	70	462	-.333	.058	-.151	-.641
70	341	-.422	.081	-.227	-1.056	70	413	-.331	.074	-.084	-.624	70	463	-.356	.068	-.102	-.624
70	342	-.416	.069	-.237	-.689	70	414	-.336	.075	-.077	-.818	70	464	-.368	.065	-.145	-.635
70	343	-.420	.075	-.210	-.726	70	415	-.343	.072	-.113	-.796	70	465	-.350	.079	-.136	-.900
70	344	-.403	.071	-.220	-.716	70	416	-.357	.072	-.122	-.687	70	466	-.354	.074	-.134	-.762
70	345	-.396	.072	-.196	-.670	70	417	-.335	.068	-.129	-.644	70	467	-.356	.071	-.164	-.709
70	346	-.379	.085	-.097	-.795	70	418	-.343	.066	-.152	-.699	70	468	-.368	.071	-.179	-.700
70	347	-.392	.083	-.162	-.872	70	419	-.413	.114	-.061	-.870	70	469	-.364	.064	-.191	-.603
70	348	-.402	.092	-.162	-.892	70	420	-.365	.093	.007	-.748	70	470	-.357	.067	-.183	-.639
70	349	-.419	.092	-.194	-.917	70	421	-.362	.095	-.048	-.778	70	471	-.356	.068	-.083	-.628
70	350	-.305	.121	.258	-.902	70	422	-.357	.088	-.070	-.952	70	472	-.361	.063	-.123	-.666
70	351	-.331	.084	-.020	-.693	70	423	-.349	.078	-.115	-.902	70	473	-.368	.067	-.157	-.713
70	352	-.349	.110	-.068	-1.158	70	424	-.364	.076	-.154	-.649	70	474	-.387	.070	-.168	-.677
70	353	-.312	.104	-.038	-1.066	70	425	-.370	.072	-.133	-.794	70	475	-.390	.068	-.185	-.666
70	354	-.161	.092	.171	-.609	70	426	-.370	.062	-.170	-.690	70	476	-.371	.068	-.146	-.733
70	355	-.179	.094	.163	-.674	70	427	-.372	.104	-.023	-.816	70	477	-.351	.078	-.113	-.783
70	356	-.257	.119	.236	-.788	70	428	-.358	.095	-.066	-.771	70	478	-.356	.076	-.111	-.900
70	357	-.331	.125	.079	-.922	70	429	-.352	.090	-.077	-.796	70	479	-.379	.096	-.182	-.999
70	358	-.279	.080	-.020	-.706	70	430	-.366	.096	-.122	-.825	70	480	-.389	.103	-.148	-1.233
70	359	-.271	.071	-.072	-.582	70	431	-.324	.076	-.047	-.657	70	481	-.345	.081	-.136	-.738
70	360	-.358	.157	-.033	-1.362	70	432	-.337	.077	-.115	-.698	70	482	-.350	.063	-.187	-.692
70	361	-.273	.073	-.087	-.619	70	433	-.339	.066	-.096	-.594	70	483	-.359	.065	-.169	-.659
70	362	-.271	.075	-.082	-.830	70	434	-.339	.062	-.145	-.575	70	484	-.358	.062	-.179	-.674
70	363	-.127	.070	.171	-.520	70	435	-.346	.070	-.143	-.758	70	485	-.381	.084	-.171	-.884
70	364	-.224	.068	.069	-.577	70	436	-.355	.064	-.117	-.607	70	486	-.389	.099	-.171	-1.006
70	365	-.304	.084	-.072	-.820	70	437	-.335	.063	-.151	-.652	70	487	-.390	.100	-.189	-.867
70	366	-.288	.078	-.053	-.661	70	438	-.339	.057	-.149	-.616	70	488	-.388	.103	-.144	-.797
70	367	-.249	.067	-.058	-.520	70	439	-.387	.108	-.039	-.828	70	489	-.391	.103	-.192	-.898
70	368	-.021	.083	.397	-.246	70	440	-.366	.099	-.081	-.819	70	490	-.359	.091	-.146	-.855
70	369	-.110	.065	.181	-.388	70	441	-.374	.069	-.176	-.817	70	491	-.312	.069	-.096	-.591
70	370	-.113	.067	.144	-.537	70	442	-.388	.066	-.200	-.656	70	492	-.290	.062	-.103	-.562
70	371	-.113	.055	.168	-.348	70	443	-.359	.103	-.060	-.898	70	493	-.237	.071	-.016	-.639
70	372	-.221	.063	.052	-.656	70	444	-.359	.094	-.015	-.802	70	494	-.176	.062	.076	-.521
70	373	-.227	.054	-.034	-.450	70	445	-.352	.087	-.121	-.921	70	495	-.142	.074	.176	-.697
70	374	-.299	.090	-.095	-.685	70	446	-.328	.075	-.140	-.671	70	496	-.146	.079	.122	-.572
70	375	-.290	.075	-.090	-.583	70	447	-.341	.076	-.132	-.715	70	497	-.397	.102	-.179	-.784
70	376	-.245	.064	-.080	-.529	70	448	-.334	.067	-.117	-.599	70	498	-.395	.107	-.166	-.912
70	377	.114	.096	.490	-.184	70	449	-.324	.057	-.176	-.556	70	499	-.408	.108	-.189	-.881
70	378	-.066	.073	.237	-.345	70	450	-.327	.058	-.109	-.796	70	500	-.369	.097	-.120	-.999
70	401	-.358	.100	-.045	-.913	70	451	-.334	.060	-.126	-.616	70	501	-.282	.078	-.031	-.848
70	402	-.350	.097	-.018	-.787	70	452	-.326	.057	-.121	-.548	70	502	-.209	.060	-.013	-.577
70	403	-.341	.090	-.011	-.895	70	453	-.345	.059	-.157	-.599	70	503	-.189	.081	.104	-.751
70	404	-.343	.086	-.091	-.884	70	454	-.362	.066	-.109	-.603	70	504	-.141	.061	.189	-.404

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	505	-.123	.064	.178	-.697
70	506	-.127	.070	.138	-.531
70	507	-.371	.095	-.164	-.810
70	508	-.383	.103	-.160	-.946
70	509	-.286	.079	-.036	-.694
70	510	-.248	.091	.060	-.702
70	511	-.190	.071	.031	-.589
70	512	-.167	.056	.050	-.443
70	513	-.148	.071	.287	-.503
70	514	-.133	.058	.153	-.460
70	515	-.108	.056	.146	-.512
70	516	-.115	.068	.074	-.563
70	801	-.397	.122	-.074	-1.050
70	802	-.411	.081	-.210	-.833
70	803	-.316	.052	-.174	-.534
70	804	-.342	.090	-.132	-.977
70	805	-.311	.048	-.212	-.491
70	806	-.321	.035	-.240	-.432
70	807	-.361	.075	-.158	-.752
70	901	-.516	.111	-.210	-1.043
70	902	-.539	.125	-.206	-1.134
70	903	-.485	.125	-.166	-1.182
70	904	-.535	.116	-.214	-1.032
70	905	-.496	.143	-.110	-1.147
70	906	-.543	.124	-.158	-1.173
70	907	-.502	.140	-.117	-.998
70	908	-.467	.123	-.069	-.900
70	909	-.328	.105	.074	-.797
70	910	-.317	.102	.029	-.850
70	911	-.444	.116	-.103	-1.113
70	912	-.448	.139	-.141	-1.302
70	913	-.514	.144	.058	-1.036
70	914	-.388	.096	-.102	-.895
70	915	-.449	.141	.053	-1.060
70	916	-.407	.128	.111	-.952
70	917	-.378	.108	.137	-.836
70	918	-.388	.122	.011	-.965
70	919	-.391	.101	-.044	-.830
70	920	-.391	.120	-.006	-.928
70	921	-.391	.125	.226	-1.147
70	922	-.374	.083	-.087	-.889
70	923	-.365	.072	-.094	-.662
70	924	-.333	.100	.001	-.877
70	925	-.334	.094	-.035	-.765
70	926	-.339	.098	-.014	-.851
70	927	-.372	.111	.128	-.740
70	928	-.367	.108	-.053	-.895
70	929	-.353	.092	-.064	-.805
70	930	-.340	.081	-.083	-.702
70	931	-.353	.089	-.064	-.882
70	932	-.376	.079	-.107	-.940
70	933	-.359	.066	-.149	-.647
70	934	-.132	.129	.443	-.735
70	935	-.300	.113	.290	-.795
70	936	-.092	.114	.316	-.584
70	937	-.286	.060	-.129	-.733
70	938	-.355	.065	-.201	-.733
70	939	-.353	.073	-.086	-.668
70	940	-.355	.137	.029	-1.214
70	941	-.294	.066	.002	-.699
70	942	-.359	.085	-.177	-1.010
70	943	-.372	.095	-.139	-1.058
70	944	-.279	.069	-.057	-.591
70	945	-.334	.077	-.101	-.697
70	946	-.337	.081	-.127	-.797
70	947	-.335	.083	-.110	-.860
70	948	-.323	.118	-.029	-1.164
70	949	-.186	.090	.086	-.571
80	101	-.437	.086	-.152	-.867
80	102	-.448	.092	-.198	-.842
80	103	-.460	.105	-.136	-1.160
80	104	-.455	.116	-.030	-1.125
80	105	-.423	.117	-.058	-1.194
80	106	-.423	.121	-.069	-1.012
80	107	-.415	.084	-.170	-.768
80	108	-.426	.080	-.200	-.866
80	109	-.453	.092	-.203	-.959
80	110	-.458	.099	-.220	-1.199
80	111	-.495	.131	-.128	-1.179
80	112	-.500	.136	-.072	-1.298
80	113	-.407	.102	-.007	-.895
80	114	-.404	.106	-.052	-.953
80	115	-.393	.091	-.097	-.768
80	116	-.458	.098	-.198	-.963
80	117	-.471	.122	-.029	-1.289
80	118	-.467	.120	-.047	-1.015
80	119	-.485	.153	.037	-1.179
80	120	-.405	.102	-.111	-.938
80	121	-.419	.112	-.104	-1.153
80	122	-.424	.081	-.196	-.743
80	123	-.420	.087	-.196	-.867
80	124	-.446	.090	-.166	-.874
80	125	-.445	.090	-.162	-.851
80	126	-.457	.116	-.027	-1.303
80	127	-.448	.124	-.022	-1.004
80	128	-.459	.138	.108	-1.049
80	129	-.467	.167	.079	-1.409
80	130	-.439	.087	-.189	-.805
80	131	-.439	.090	-.200	-.946
80	132	-.457	.105	-.161	-1.429
80	133	-.458	.095	-.110	-1.015
80	134	-.468	.128	-.058	-1.307
80	135	-.450	.132	.007	-1.076
80	136	-.470	.166	.023	-1.298
80	137	-.475	.179	.014	-1.569
80	138	-.447	.101	-.182	-.987
80	139	-.447	.113	-.202	-1.186
80	140	-.476	.136	-.046	-1.671
80	141	-.464	.124	-.065	-1.267
80	142	-.466	.141	.095	-1.132
80	143	-.436	.141	.072	-1.134
80	144	-.427	.153	.108	-1.125
80	145	-.428	.166	.014	-1.260
80	146	-.445	.139	-.146	-1.209
80	147	-.446	.143	.027	-1.172
80	148	-.395	.133	.306	-1.155
80	149	-.405	.133	.338	-1.064
80	150	-.352	.148	.123	-1.249
80	151	-.353	.147	.069	-1.162
80	152	-.325	.130	.052	-1.024
80	153	-.334	.133	-.037	-1.120
80	154	-.429	.173	-.087	-1.834
80	155	-.587	.166	-.178	-1.340
80	156	-.358	.104	-.018	-.923
80	157	-.288	.115	-.005	-1.221
80	158	-.246	.088	-.023	-.787
80	159	-.242	.080	-.055	-.615
80	160	-.273	.071	-.037	-.659
80	161	-.541	.166	-.141	-1.278
80	162	-.347	.097	-.023	-.928
80	163	-.335	.106	.002	-.962
80	164	-.328	.112	.130	-.832
80	165	-.463	.141	-.153	-1.125
80	166	-.220	.093	.052	-.681
80	167	-.266	.086	-.047	-.819
80	168	-.205	.060	-.000	-.582
80	169	-.275	.071	-.094	-.639
80	170	-.339	.121	.167	-.977
80	171	-.287	.127	.266	-.805
80	172	-.417	.214	.089	-1.850
80	173	-.154	.116	.170	-.775
80	174	-.312	.092	-.032	-.701
80	175	-.198	.054	-.020	-.555
80	176	-.209	.049	-.055	-.479
80	177	-.271	.071	-.062	-.559
80	201	-.147	.071	.110	-.415
80	202	-.055	.080	.289	-.337
80	203	.084	.105	.413	-.247
80	204	.201	.121	.553	-.182
80	205	.234	.128	.662	-.230

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	206	.204	.130	.605	-.219	80	256	-.047	.081	.407	-.374	80	312	-.392	.078	-.165	-1.121
80	207	.101	.118	.510	-.244	80	257	.146	.125	.691	-.276	80	313	-.365	.070	-.137	-.706
80	208	-.046	.087	.291	-.365	80	258	.226	.156	.973	-.263	80	314	-.358	.070	-.165	-.638
80	209	-.158	.062	.058	-.404	80	259	-.191	.090	.108	-.651	80	315	-.381	.085	-.112	-.892
80	210	-.020	.084	.275	-.319	80	260	-.103	.069	.181	-.343	80	316	-.377	.083	-.142	-.864
80	211	.235	.120	.605	-.132	80	261	-.016	.064	.239	-.263	80	317	-.421	.102	-.132	-1.042
80	212	.385	.144	.812	-.038	80	262	.107	.079	.526	-.116	80	318	-.409	.082	-.194	-.765
80	213	.422	.147	.886	-.012	80	263	.204	.103	.600	-.017	80	319	-.424	.090	-.131	-1.197
80	214	.331	.143	.814	-.169	80	264	.205	.101	.687	-.068	80	320	-.393	.067	-.213	-.738
80	215	.128	.110	.529	-.267	80	265	.076	.071	.408	-.147	80	321	-.396	.089	-.151	-.906
80	216	-.049	.093	.304	-.332	80	266	-.060	.068	.236	-.316	80	322	-.444	.120	-.189	-1.379
80	217	.332	.128	.725	-.060	80	267	-.175	.082	.119	-.562	80	323	-.436	.099	-.177	-.902
80	218	.446	.143	.869	.023	80	268	-.379	.132	.136	-1.052	80	324	-.443	.102	-.146	-.945
80	219	.408	.148	.810	-.066	80	269	-.040	.220	.673	-.742	80	325	-.419	.086	-.208	-.854
80	220	-.187	.071	.091	-.441	80	270	-.059	.066	.181	-.422	80	326	-.396	.072	-.208	-.702
80	221	-.046	.080	.295	-.330	80	271	.100	.073	.407	-.083	80	327	-.384	.067	-.179	-.650
80	222	.213	.111	.679	-.127	80	272	.169	.089	.580	-.054	80	328	-.375	.068	-.181	-.690
80	223	.412	.133	.819	.051	80	273	.174	.097	.571	-.063	80	329	-.366	.067	-.158	-.652
80	224	.454	.158	.919	.040	80	274	.106	.080	.485	-.121	80	330	-.454	.133	-.150	-1.833
80	225	.333	.146	.790	-.082	80	275	-.044	.066	.234	-.292	80	331	-.451	.121	-.160	-1.610
80	226	.098	.106	.448	-.232	80	276	-.095	.070	.179	-.414	80	332	-.430	.099	-.076	-1.026
80	227	-.083	.086	.254	-.363	80	277	.103	.108	.627	-.281	80	333	-.431	.091	-.134	-.926
80	228	-.224	.073	.073	-.476	80	278	.201	.134	.724	-.176	80	334	-.415	.075	-.198	-.724
80	229	-.076	.073	.189	-.287	80	279	.020	.073	.287	-.263	80	335	-.395	.080	-.179	-.704
80	230	.166	.099	.498	-.123	80	280	-.313	.109	.148	-.793	80	336	-.401	.078	-.177	-.841
80	231	.329	.135	.812	-.025	80	281	-.082	.173	.511	-.665	80	337	-.388	.077	-.156	-.729
80	232	.365	.144	.899	-.003	80	282	-.045	.054	.236	-.218	80	338	-.440	.120	-.002	-1.302
80	233	.229	.125	.662	-.143	80	283	.139	.099	.604	-.188	80	339	-.427	.093	-.090	-.918
80	234	.003	.111	.429	-.336	80	284	.212	.129	.736	-.114	80	340	-.446	.103	-.177	-1.070
80	235	-.151	.092	.194	-.482	80	285	.109	.090	.604	-.136	80	341	-.434	.091	-.184	-.844
80	236	-.199	.074	.150	-.498	80	286	.063	.071	.386	-.152	80	342	-.428	.096	-.170	-.933
80	237	-.095	.075	.207	-.380	80	287	.209	.096	.647	-.011	80	343	-.425	.096	-.191	-1.244
80	238	.115	.097	.600	-.210	80	288	.273	.117	.818	-.004	80	344	-.424	.093	-.184	-.888
80	239	.239	.120	.698	-.048	80	289	.284	.120	.777	-.057	80	345	-.407	.093	-.149	-1.177
80	240	.231	.122	.846	-.068	80	290	.265	.109	.813	.005	80	346	-.387	.093	-.122	-.857
80	241	.106	.104	.722	-.156	80	291	.203	.103	.634	-.061	80	347	-.399	.098	-.022	-.832
80	242	-.105	.086	.296	-.391	80	292	.013	.068	.332	-.195	80	348	-.400	.104	-.107	-.999
80	243	-.237	.087	.261	-.591	80	293	-.267	.130	.189	-.886	80	349	-.416	.108	-.039	-.967
80	244	-.204	.075	.065	-.719	80	294	-.115	.187	.675	-.770	80	350	-.334	.142	.230	-.959
80	245	-.123	.074	.219	-.391	80	301	-.387	.118	-.007	-1.053	80	351	-.365	.117	-.032	-1.017
80	246	.015	.078	.321	-.234	80	302	-.401	.119	-.039	-1.107	80	352	-.380	.149	-.072	-1.329
80	247	.125	.101	.560	-.143	80	303	-.411	.101	-.091	-1.079	80	353	-.346	.161	-.019	-1.502
80	248	.103	.094	.651	-.174	80	304	-.399	.085	-.109	-1.072	80	354	-.221	.107	.155	-.679
80	249	-.007	.077	.312	-.312	80	305	-.389	.076	-.189	-.787	80	355	-.236	.111	.095	-.694
80	250	-.158	.075	.118	-.479	80	306	-.381	.076	-.165	-.715	80	356	-.324	.118	.163	-.864
80	251	-.264	.087	.141	-.655	80	307	-.395	.103	-.084	-.869	80	357	-.382	.134	-.012	-.862
80	252	-.153	.075	.159	-.474	80	308	-.381	.088	-.098	-.953	80	358	-.363	.117	-.024	-.857
80	253	.138	.102	.567	-.230	80	309	-.410	.108	-.047	-1.157	80	359	-.377	.107	-.097	-.842
80	254	.119	.089	.438	-.136	80	310	-.427	.099	-.119	-1.038	80	360	-.430	.212	.008	-1.837
80	255	-.249	.092	.136	-.644	80	311	-.406	.075	-.186	-.921	80	361	-.399	.102	-.132	-.882

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	362	-.389	.104	-.104	-.844	80	434	-.349	.068	-.159	-.666	80	484	-.342	.073	-.068	-.664
80	363	-.195	.095	.095	-.727	80	435	-.363	.073	-.125	-.608	80	485	-.386	.103	-.081	-.918
80	364	-.263	.087	.060	-.682	80	436	-.394	.079	-.182	-.785	80	486	-.389	.109	-.107	-1.018
80	365	-.371	.108	-.054	-.764	80	437	-.361	.070	-.133	-.689	80	487	-.311	.086	-.089	-.716
80	366	-.376	.113	-.072	-.809	80	438	-.372	.072	-.169	-.664	80	488	-.303	.083	-.101	-.627
80	367	-.342	.105	-.092	-.717	80	439	-.430	.103	-.080	-.819	80	489	-.335	.091	-.064	-.757
80	368	.045	.088	.480	-.304	80	440	-.414	.100	-.112	-.849	80	490	-.331	.106	-.045	-1.104
80	369	-.091	.071	.158	-.452	80	441	-.406	.084	-.174	-.973	80	491	-.329	.087	-.120	-.730
80	370	-.171	.087	.115	-.672	80	442	-.413	.080	-.180	-.823	80	492	-.284	.080	.093	-.705
80	371	-.169	.072	.093	-.579	80	443	-.401	.102	-.076	-.851	80	493	-.247	.093	.088	-.805
80	372	-.240	.075	.033	-.609	80	444	-.379	.093	-.097	-.809	80	494	-.230	.118	.096	-.987
80	373	-.281	.077	-.089	-.597	80	445	-.382	.084	-.144	-.747	80	495	-.197	.116	.070	-.831
80	374	-.377	.126	-.104	-.941	80	446	-.368	.073	-.163	-.685	80	496	-.238	.115	.170	-.846
80	375	-.353	.100	-.081	-.700	80	447	-.356	.075	-.163	-.785	80	497	-.325	.094	-.079	-.715
80	376	-.327	.099	-.071	-.697	80	448	-.343	.063	-.133	-.706	80	498	-.305	.083	-.066	-.684
80	377	.149	.100	.640	-.135	80	449	-.329	.058	-.131	-.615	80	499	-.319	.090	-.134	-.654
80	378	-.026	.077	.250	-.286	80	450	-.337	.060	-.093	-.574	80	500	-.343	.103	-.112	-.928
80	401	-.385	.099	-.104	-.886	80	451	-.349	.063	-.139	-.602	80	501	-.297	.091	.001	-.826
80	402	-.375	.098	-.054	-.961	80	452	-.365	.068	-.150	-.700	80	502	-.237	.083	.065	-.574
80	403	-.356	.092	-.084	-.763	80	453	-.367	.075	-.161	-.662	80	503	-.213	.095	.135	-.761
80	404	-.363	.096	-.073	-.774	80	454	-.382	.074	-.152	-.683	80	504	-.219	.128	.127	-1.105
80	405	-.364	.092	-.077	-.824	80	455	-.407	.111	-.086	-.885	80	505	-.192	.122	.037	-.900
80	406	-.373	.089	-.100	-.795	80	456	-.379	.097	-.056	-.853	80	506	-.205	.110	.058	-.787
80	407	-.399	.097	-.109	-.852	80	457	-.344	.068	-.122	-.638	80	507	-.286	.085	-.096	-.790
80	408	-.377	.095	-.023	-1.088	80	458	-.334	.066	-.146	-.683	80	508	-.314	.090	-.108	-.706
80	409	-.391	.086	-.066	-.813	80	459	-.334	.059	-.150	-.572	80	509	-.261	.076	.008	-.665
80	410	-.388	.094	-.036	-.899	80	460	-.326	.059	-.131	-.578	80	510	-.302	.092	-.031	-.928
80	411	-.365	.088	-.098	-.877	80	461	-.339	.066	-.125	-.655	80	511	-.268	.092	-.011	-.918
80	412	-.342	.077	-.118	-.670	80	462	-.340	.060	-.142	-.606	80	512	-.198	.072	.196	-.506
80	413	-.347	.077	-.061	-.713	80	463	-.368	.078	-.116	-.700	80	513	-.195	.087	.097	-.557
80	414	-.350	.077	-.100	-.686	80	464	-.388	.084	-.154	-.770	80	514	-.181	.103	.078	-.742
80	415	-.370	.082	-.143	-.788	80	465	-.388	.110	-.093	-.847	80	515	-.182	.113	.088	-.911
80	416	-.383	.075	-.145	-.738	80	466	-.372	.105	-.078	-.838	80	516	-.189	.114	.047	-.952
80	417	-.363	.073	-.104	-.699	80	467	-.369	.084	-.142	-.762	80	801	-.372	.100	-.094	-.828
80	418	-.369	.075	-.136	-.799	80	468	-.358	.087	-.116	-.804	80	802	-.417	.091	-.156	-.849
80	419	-.432	.096	-.107	-.890	80	469	-.353	.082	-.127	-1.017	80	803	-.334	.065	-.184	-.692
80	420	-.392	.090	-.054	-.811	80	470	-.338	.068	-.059	-.657	80	804	-.370	.117	-.068	-1.143
80	421	-.407	.094	-.054	-.929	80	471	-.348	.078	-.061	-.693	80	805	-.332	.056	-.199	-.541
80	422	-.388	.091	-.070	-.856	80	472	-.363	.085	-.071	-.768	80	806	-.341	.037	-.245	-.464
80	423	-.375	.084	-.034	-.813	80	473	-.365	.088	-.044	-.711	80	807	-.394	.094	-.155	-.862
80	424	-.382	.076	-.143	-.820	80	474	-.382	.088	-.103	-1.011	80	901	-.463	.102	-.212	-.953
80	425	-.400	.085	-.095	-.822	80	475	-.384	.088	-.105	-.755	80	902	-.508	.117	-.223	-1.043
80	426	-.419	.083	-.157	-.786	80	476	-.354	.086	-.086	-.705	80	903	-.466	.117	-.171	-.999
80	427	-.402	.096	-.068	-.865	80	477	-.352	.096	-.014	-.779	80	904	-.483	.119	-.210	-1.089
80	428	-.370	.087	-.091	-.897	80	478	-.358	.093	-.068	-.804	80	905	-.482	.130	-.188	-1.171
80	429	-.382	.085	-.129	-.718	80	479	-.355	.096	-.130	-1.028	80	906	-.490	.111	-.162	-1.069
80	430	-.403	.090	-.148	-.777	80	480	-.368	.100	-.161	-.986	80	907	-.494	.136	-.051	-1.176
80	431	-.354	.077	-.128	-.706	80	481	-.335	.072	-.143	-.623	80	908	-.461	.115	-.151	-1.097
80	432	-.350	.073	-.125	-.730	80	482	-.340	.071	-.150	-.700	80	909	-.361	.097	-.004	-.767
80	433	-.347	.070	-.165	-.691	80	483	-.342	.069	-.094	-.705	80	910	-.386	.109	-.019	-.923

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	911	-.454	.121	-.118	-.955	90	112	-.423	.095	-.077	-.949	90	162	-.386	.105	-.111	-.964
80	912	-.451	.141	-.098	-1.273	90	113	-.387	.081	-.104	-.892	90	163	-.350	.093	-.101	-.741
80	913	-.461	.128	-.034	-1.107	90	114	-.390	.086	-.091	-.840	90	164	-.359	.087	-.087	-.741
80	914	-.422	.101	.068	-.998	90	115	-.382	.080	-.162	-.777	90	165	-.485	.143	-.129	-1.099
80	915	-.443	.130	.077	-1.091	90	116	-.385	.065	-.173	-.687	90	166	-.288	.099	-.027	-.910
80	916	-.432	.132	.171	-1.191	90	117	-.408	.084	-.146	-1.195	90	167	-.324	.099	-.082	-.818
80	917	-.400	.100	-.002	-.866	90	118	-.407	.085	-.117	-.820	90	168	-.275	.098	-.069	-.818
80	918	-.404	.114	-.018	-.920	90	119	-.421	.101	-.136	-1.070	90	169	-.258	.081	-.030	-.598
80	919	-.420	.092	-.073	-.802	90	120	-.388	.081	-.178	-.924	90	170	-.371	.095	-.096	-1.109
80	920	-.409	.125	-.008	-.927	90	121	-.395	.085	-.176	-.825	90	171	-.343	.096	.081	-.714
80	921	-.411	.128	.171	-.984	90	122	-.376	.063	-.197	-.620	90	172	-.486	.203	.106	-1.554
80	922	-.393	.088	-.095	-.837	90	123	-.369	.061	-.185	-.580	90	173	-.211	.113	.126	-.830
80	923	-.381	.080	-.136	-.707	90	124	-.373	.062	-.199	-.640	90	174	-.345	.105	-.094	-1.011
80	924	-.358	.101	.014	-.840	90	125	-.384	.071	-.193	-.834	90	175	-.238	.072	-.025	-.635
80	925	-.360	.098	-.071	-.791	90	126	-.404	.076	-.117	-.872	90	176	-.224	.072	-.010	-.576
80	926	-.354	.099	.002	-.780	90	127	-.415	.087	-.130	-.996	90	177	-.244	.085	.061	-.601
80	927	-.392	.099	-.110	-.846	90	128	-.418	.096	.042	-.901	90	201	-.074	.088	.215	-.410
80	928	-.411	.114	-.020	-1.001	90	129	-.430	.117	-.114	-1.208	90	202	.029	.098	.426	-.373
80	929	-.367	.092	-.000	-.729	90	130	-.383	.068	-.178	-.698	90	203	.166	.120	.544	-.184
80	930	-.363	.084	-.099	-.810	90	131	-.379	.070	-.187	-.705	90	204	.224	.131	.625	-.164
80	931	-.365	.082	-.083	-.702	90	132	-.389	.068	-.197	-.636	90	205	.219	.130	.634	-.131
80	932	-.406	.093	-.129	-.950	90	133	-.398	.075	-.153	-.849	90	206	.142	.111	.588	-.295
80	933	-.385	.081	-.172	-.887	90	134	-.415	.093	-.139	-1.213	90	207	.029	.096	.351	-.420
80	934	-.296	.124	.189	-.849	90	135	-.428	.107	-.114	-.924	90	208	-.122	.078	.200	-.391
80	935	-.336	.154	.155	-1.167	90	136	-.429	.120	-.010	-1.311	90	209	-.089	.075	.204	-.338
80	936	-.298	.119	.211	-.873	90	137	-.443	.133	-.042	-1.505	90	210	.080	.106	.449	-.318
80	937	-.324	.077	-.093	-.684	90	138	-.393	.083	-.187	-.765	90	211	.309	.137	.823	-.110
80	938	-.350	.077	-.154	-.704	90	139	-.390	.081	-.167	-.876	90	212	.382	.144	.862	-.044
80	939	-.369	.087	.109	-.805	90	140	-.396	.084	-.158	-.867	90	213	.406	.143	.910	-.031
80	940	-.379	.141	.030	-1.232	90	141	-.401	.085	-.184	-.951	90	214	.245	.129	.723	-.134
80	941	-.350	.115	-.055	-1.309	90	142	-.404	.093	-.182	-1.096	90	215	.018	.097	.328	-.325
80	942	-.383	.110	-.161	-1.360	90	143	-.430	.108	-.119	-.985	90	216	-.117	.075	.163	-.341
80	943	-.402	.121	-.134	-1.413	90	144	-.430	.125	-.015	-1.134	90	217	.389	.141	.862	.002
80	944	-.301	.101	-.026	-1.083	90	145	-.438	.139	-.040	-1.293	90	218	.430	.146	.928	.036
80	945	-.315	.105	-.061	-.929	90	146	-.396	.101	-.151	-1.119	90	219	.331	.129	.756	-.022
80	946	-.354	.101	-.074	-.996	90	147	-.395	.101	-.168	-.986	90	220	-.110	.080	.204	-.423
80	947	-.385	.102	-.033	-.858	90	148	-.390	.089	-.109	-.793	90	221	.044	.095	.383	-.286
80	948	-.347	.150	-.038	-1.268	90	149	-.396	.092	-.158	-1.001	90	222	.296	.128	.817	-.029
80	949	-.234	.098	.106	-.654	90	150	-.399	.110	-.087	-.961	90	223	.433	.145	.890	.067
90	101	-.384	.070	-.178	-.671	90	151	-.380	.116	-.030	-1.151	90	224	.427	.143	.827	.034
90	102	-.387	.070	-.178	-.661	90	152	-.385	.113	-.067	-1.448	90	225	.249	.127	.773	-.092
90	103	-.407	.085	-.148	-.872	90	153	-.413	.144	-.005	-1.287	90	226	.017	.088	.361	-.256
90	104	-.402	.095	-.046	-.957	90	154	-.379	.089	-.176	-.936	90	227	-.148	.069	.124	-.423
90	105	-.397	.103	-.016	-1.057	90	155	-.552	.171	-.175	-1.258	90	228	-.169	.083	.143	-.476
90	106	-.403	.107	-.067	-.916	90	156	-.409	.105	-.101	-1.020	90	229	-.005	.086	.322	-.271
90	107	-.371	.061	-.164	-.677	90	157	-.356	.117	-.077	-1.443	90	230	.232	.120	.627	-.107
90	108	-.371	.062	-.190	-.657	90	158	-.321	.108	-.040	-.897	90	231	.373	.142	.873	.028
90	109	-.393	.068	-.181	-.696	90	159	-.310	.115	-.017	-.899	90	232	.354	.129	.782	.041
90	110	-.407	.077	-.162	-.820	90	160	-.293	.099	-.012	-.951	90	233	.185	.120	.653	-.090
90	111	-.418	.092	-.074	-1.021	90	161	-.543	.174	-.119	-1.443	90	234	-.050	.083	.371	-.329

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	235	-.185	.074	.183	-.551	90	285	.143	.102	.539	-.117	90	341	-.452	.120	-.108	-1.276
90	236	-.152	.093	.167	-.653	90	286	.095	.088	.480	-.151	90	342	-.461	.119	-.146	-1.242
90	237	-.022	.099	.391	-.369	90	287	.238	.108	.809	-.033	90	343	-.446	.118	-.139	-1.262
90	238	.165	.117	.584	-.139	90	288	.305	.121	.741	.035	90	344	-.432	.104	-.202	-1.167
90	239	.276	.124	.712	-.021	90	289	.296	.122	.707	-.013	90	345	-.430	.105	-.146	-1.078
90	240	.230	.115	.655	-.037	90	290	.249	.113	.700	-.051	90	346	-.361	.096	-.115	-.776
90	241	.107	.103	.592	-.163	90	291	.196	.106	.584	-.074	90	347	-.362	.100	-.040	-.959
90	242	-.112	.078	.211	-.398	90	292	.004	.070	.301	-.235	90	348	-.390	.113	-.040	-.944
90	243	-.234	.076	.107	-.564	90	293	-.336	.098	.121	-.700	90	349	-.421	.113	-.017	-1.004
90	244	-.178	.093	.206	-.641	90	294	-.212	.179	.646	-.827	90	350	-.280	.175	.489	-1.022
90	245	-.089	.092	.360	-.484	90	301	-.411	.122	-.024	-.989	90	351	-.362	.134	.562	-1.097
90	246	.075	.102	.446	-.199	90	302	-.406	.107	-.083	-.937	90	352	-.469	.224	.061	-1.823
90	247	.154	.101	.553	-.130	90	303	-.423	.107	-.036	-1.078	90	353	-.433	.211	.010	-1.513
90	248	.122	.099	.579	-.101	90	304	-.414	.087	-.167	-.897	90	354	-.294	.102	.013	-.776
90	249	.006	.085	.338	-.270	90	305	-.407	.080	-.157	-.891	90	355	-.293	.087	-.065	-.721
90	250	-.150	.070	.158	-.443	90	306	-.391	.081	-.162	-.930	90	356	-.327	.093	-.052	-.816
90	251	-.252	.074	-.012	-.617	90	307	-.392	.097	-.097	-1.021	90	357	-.414	.111	-.072	-.977
90	252	-.131	.088	.136	-.518	90	308	-.384	.087	-.127	-.879	90	358	-.446	.094	-.140	-.914
90	253	.157	.101	.608	-.134	90	309	-.438	.130	-.120	-1.332	90	359	-.450	.091	-.195	-1.007
90	254	.130	.094	.493	-.134	90	310	-.440	.110	-.187	-1.097	90	360	-.481	.266	.073	-1.961
90	255	-.243	.078	-.001	-.620	90	311	-.416	.078	-.207	-.851	90	361	-.456	.092	-.192	-.904
90	256	-.044	.099	.495	-.369	90	312	-.402	.084	-.172	-.827	90	362	-.450	.094	-.185	-1.059
90	257	.137	.131	.681	-.188	90	313	-.387	.074	-.085	-.745	90	363	-.279	.088	.000	-.691
90	258	.216	.149	.881	-.252	90	314	-.384	.074	-.137	-.790	90	364	-.277	.084	-.005	-.691
90	259	-.183	.105	.229	-.713	90	315	-.382	.087	-.043	-.780	90	365	-.410	.104	-.105	-.866
90	260	-.070	.086	.269	-.586	90	316	-.398	.093	-.092	-.972	90	366	-.424	.096	-.130	-.744
90	261	.029	.087	.327	-.236	90	317	-.426	.124	-.067	-1.117	90	367	-.416	.082	-.170	-.746
90	262	.161	.087	.604	-.063	90	318	-.432	.092	-.153	-.853	90	368	.056	.100	.529	-.258
90	263	.231	.107	.701	-.066	90	319	-.428	.093	-.163	-.991	90	369	-.060	.083	.246	-.438
90	264	.215	.098	.599	-.026	90	320	-.409	.076	-.211	-.750	90	370	-.259	.081	-.025	-.701
90	265	.094	.083	.411	-.180	90	321	-.408	.100	-.090	-.935	90	371	-.201	.066	.026	-.511
90	266	-.073	.068	.174	-.332	90	322	-.446	.136	-.086	-1.307	90	372	-.229	.079	.198	-.551
90	267	-.197	.072	.089	-.542	90	323	-.426	.112	-.076	-1.032	90	373	-.275	.058	-.082	-.571
90	268	-.385	.102	-.125	-.983	90	324	-.431	.106	.052	-1.003	90	374	-.446	.106	-.077	-.929
90	269	-.228	.191	.659	-.801	90	325	-.412	.090	-.175	-.943	90	375	-.407	.078	-.170	-.684
90	270	-.031	.085	.298	-.425	90	326	-.404	.077	-.170	-.779	90	376	-.395	.073	-.189	-.648
90	271	.138	.086	.471	-.068	90	327	-.400	.084	-.172	-.804	90	377	.181	.105	.662	-.103
90	272	.191	.090	.559	-.019	90	328	-.381	.073	-.158	-.736	90	378	.012	.092	.409	-.321
90	273	.180	.091	.535	-.130	90	329	-.390	.075	-.179	-.703	90	401	-.377	.085	-.049	-.802
90	274	.120	.082	.433	-.108	90	330	-.452	.165	.001	-1.544	90	402	-.369	.084	-.083	-.705
90	275	-.049	.066	.386	-.292	90	331	-.454	.148	.011	-1.223	90	403	-.365	.085	-.056	-.759
90	276	-.107	.079	.307	-.471	90	332	-.434	.119	.001	-.998	90	404	-.369	.085	-.108	-.812
90	277	.108	.104	.588	-.234	90	333	-.426	.104	-.170	-.960	90	405	-.364	.082	-.017	-.832
90	278	.227	.126	.697	-.274	90	334	-.422	.093	-.207	-1.049	90	406	-.381	.086	-.119	-.950
90	279	.046	.085	.429	-.234	90	335	-.411	.092	-.174	-.832	90	407	-.364	.068	-.135	-.728
90	280	-.360	.090	-.101	-.939	90	336	-.389	.083	-.193	-.787	90	408	-.359	.070	-.124	-.614
90	281	-.217	.158	.423	-.691	90	337	-.394	.081	-.102	-.729	90	409	-.371	.071	-.112	-.680
90	282	-.063	.048	.151	-.224	90	338	-.420	.140	.045	-1.561	90	410	-.363	.075	-.128	-.807
90	283	.138	.098	.537	-.115	90	339	-.411	.114	-.079	-.977	90	411	-.362	.076	-.090	-.762
90	284	.221	.127	.727	-.085	90	340	-.412	.110	-.035	-1.075	90	412	-.344	.069	-.122	-.669

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	413	-.356	.074	-.085	-.703
90	414	-.364	.074	-.103	-.662
90	415	-.373	.071	-.171	-.718
90	416	-.398	.084	-.078	-.766
90	417	-.370	.074	-.128	-.650
90	418	-.383	.073	-.153	-.936
90	419	-.407	.073	-.210	-.730
90	420	-.384	.078	-.137	-.975
90	421	-.401	.081	-.106	-.712
90	422	-.395	.084	-.060	-.807
90	423	-.389	.082	-.135	-.773
90	424	-.401	.081	-.162	-.768
90	425	-.399	.081	-.076	-.782
90	426	-.420	.083	-.151	-.889
90	427	-.382	.072	-.185	-.721
90	428	-.365	.069	-.137	-.630
90	429	-.372	.073	-.137	-.805
90	430	-.397	.069	-.196	-.750
90	431	-.354	.065	-.139	-.650
90	432	-.362	.068	-.145	-.615
90	433	-.370	.069	-.132	-.734
90	434	-.372	.069	-.189	-.745
90	435	-.375	.074	-.174	-.720
90	436	-.408	.086	-.113	-.875
90	437	-.377	.079	-.153	-.671
90	438	-.379	.079	-.170	-.803
90	439	-.409	.073	-.183	-.779
90	440	-.410	.085	-.200	-.828
90	441	-.421	.086	-.187	-.760
90	442	-.409	.087	-.157	-.828
90	443	-.387	.080	-.149	-.809
90	444	-.378	.074	-.134	-.641
90	445	-.367	.064	-.177	-.656
90	446	-.349	.061	-.145	-.619
90	447	-.348	.058	-.159	-.551
90	448	-.334	.056	-.134	-.536
90	449	-.338	.057	-.187	-.530
90	450	-.348	.059	-.177	-.654
90	451	-.347	.061	-.157	-.598
90	452	-.381	.077	-.142	-.796
90	453	-.376	.081	-.130	-.720
90	454	-.390	.090	-.083	-.824
90	455	-.385	.084	-.106	-.762
90	456	-.349	.068	-.138	-.632
90	457	-.325	.056	-.164	-.556
90	458	-.316	.055	-.119	-.545
90	459	-.320	.053	-.130	-.534
90	460	-.314	.054	-.034	-.515
90	461	-.320	.063	-.134	-.668
90	462	-.325	.065	-.140	-.690
90	463	-.354	.083	-.113	-.796
90	464	-.389	.092	-.085	-.779
90	465	-.384	.084	-.079	-.752
90	466	-.359	.089	-.113	-.818
90	467	-.340	.079	-.079	-.807
90	468	-.322	.069	.088	-.758
90	469	-.324	.071	-.096	-.777
90	470	-.315	.067	-.053	-.824
90	471	-.307	.064	-.070	-.615
90	472	-.330	.075	-.108	-.683
90	473	-.325	.077	-.032	-.643
90	474	-.346	.089	-.104	-.815
90	475	-.352	.086	-.132	-.715
90	476	-.343	.085	-.118	-.731
90	477	-.357	.088	-.134	-.764
90	478	-.353	.081	-.126	-.750
90	479	-.329	.061	-.167	-.782
90	480	-.336	.070	-.134	-.793
90	481	-.327	.057	-.144	-.646
90	482	-.311	.059	-.103	-.638
90	483	-.329	.067	-.134	-.689
90	484	-.335	.059	-.152	-.597
90	485	-.354	.085	-.149	-.893
90	486	-.350	.096	-.136	-1.160
90	487	-.276	.089	-.042	-.705
90	488	-.297	.092	-.039	-.804
90	489	-.315	.097	-.083	-.809
90	490	-.324	.086	.016	-.742
90	491	-.306	.085	-.001	-.739
90	492	-.311	.097	.018	-.870
90	493	-.337	.117	.077	-.939
90	494	-.346	.130	.016	-1.039
90	495	-.331	.114	-.049	-1.065
90	496	-.323	.104	-.046	-.991
90	497	-.272	.087	-.013	-.656
90	498	-.272	.084	.013	-.664
90	499	-.304	.099	-.057	-1.063
90	500	-.291	.086	.067	-.705
90	501	-.271	.088	.021	-.741
90	502	-.292	.106	.106	-.962
90	503	-.336	.119	.016	-1.078
90	504	-.344	.132	-.007	-1.258
90	505	-.343	.121	-.082	-1.217
90	506	-.319	.122	-.036	-.929
90	507	-.263	.089	.016	-.702
90	508	-.263	.089	-.032	-.691
90	509	-.242	.088	.105	-.592
90	510	-.260	.084	.089	-.662
90	511	-.252	.089	.098	-.708
90	512	-.270	.096	.076	-.674
90	513	-.261	.090	.151	-.664
90	514	-.321	.117	-.027	-1.038
90	515	-.313	.115	-.025	-.971
90	516	-.325	.137	-.006	-1.770
90	801	-.383	.084	-.175	-.756
90	802	-.402	.086	-.146	-.779
90	803	-.326	.055	-.172	-.522
90	804	-.371	.100	-.123	-1.125
90	805	-.334	.048	-.213	-.522
90	806	-.324	.035	-.239	-.442
90	807	-.384	.102	-.123	-1.054
90	901	-.449	.099	-.199	-.953
90	902	-.476	.099	-.205	-.957
90	903	-.449	.088	-.221	-.927
90	904	-.447	.103	-.177	-1.001
90	905	-.459	.103	-.168	-1.062
90	906	-.458	.107	-.184	-.929
90	907	-.466	.131	-.066	-1.066
90	908	-.451	.113	-.140	-.975
90	909	-.359	.079	-.124	-.691
90	910	-.372	.087	-.153	-.812
90	911	-.460	.125	-.117	-1.060
90	912	-.428	.124	-.080	-1.231
90	913	-.413	.095	-.103	-.904
90	914	-.416	.104	-.127	-1.199
90	915	-.425	.126	.060	-1.151
90	916	-.436	.119	.065	-1.071
90	917	-.379	.071	-.089	-.714
90	918	-.392	.091	-.105	-1.017
90	919	-.393	.092	-.061	-.800
90	920	-.409	.125	.023	-.962
90	921	-.425	.124	.004	-.999
90	922	-.398	.091	-.071	-.962
90	923	-.386	.082	-.079	-.788
90	924	-.372	.093	.009	-.918
90	925	-.362	.087	-.100	-.765
90	926	-.367	.095	-.003	-.761
90	927	-.380	.080	-.146	-.734
90	928	-.408	.084	-.144	-.840
90	929	-.372	.087	-.088	-.846
90	930	-.375	.078	-.051	-.839
90	931	-.380	.080	-.130	-.719
90	932	-.414	.093	-.127	-.890
90	933	-.400	.086	-.124	-.805
90	934	-.348	.098	-.015	-.809
90	935	-.374	.138	.014	-1.313
90	936	-.341	.091	-.117	-1.017
90	937	-.326	.062	-.095	-.618
90	938	-.328	.069	-.162	-.710
90	939	-.301	.097	.159	-.674

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	940	-.372	.137	-.018	-1.253	100	141	-.376	.073	-.217	-.688	100	214	.150	.118	.523	-.212
90	941	-.372	.106	-.104	-1.285	100	142	-.397	.090	-.187	-1.338	100	215	-.073	.076	.202	-.353
90	942	-.364	.083	-.179	-1.014	100	143	-.406	.100	-.157	-1.162	100	216	-.184	.060	.039	-.434
90	943	-.358	.103	-.119	-1.487	100	144	-.422	.117	-.201	-1.247	100	217	.433	.140	.860	-.018
90	944	-.293	.081	-.008	-.804	100	145	-.425	.129	-.171	-2.195	100	218	.401	.142	.836	.041
90	945	-.349	.143	-.003	-1.149	100	146	-.380	.086	-.136	-.852	100	219	.271	.128	.706	-.106
90	946	-.381	.118	-.104	-1.569	100	147	-.372	.085	-.178	-1.286	100	220	-.048	.094	.330	-.370
90	947	-.376	.104	-.162	-1.217	100	148	-.377	.085	-.166	-.860	100	221	.120	.112	.510	-.221
90	948	-.331	.105	-.032	-.879	100	149	-.383	.081	-.193	-.773	100	222	.379	.134	.783	.041
90	949	-.295	.088	.060	-.708	100	150	-.384	.090	-.141	-.934	100	223	.447	.140	.955	.090
100	101	-.371	.062	-.172	-.661	100	151	-.390	.095	-.198	-.961	100	224	.370	.124	.827	.015
100	102	-.360	.065	-.156	-.617	100	152	-.391	.104	-.151	-1.199	100	225	.162	.104	.543	-.108
100	103	-.377	.078	-.172	-.754	100	153	-.392	.131	-.097	-1.787	100	226	-.077	.071	.182	-.304
100	104	-.385	.087	-.068	-.870	100	154	-.370	.077	-.173	-.763	100	227	-.191	.054	.002	-.406
100	105	-.369	.094	-.075	-.798	100	155	-.440	.137	-.136	-1.301	100	228	-.117	.090	.277	-.452
100	106	-.364	.097	-.086	-.903	100	156	-.414	.119	-.109	-1.100	100	229	.080	.105	.444	-.249
100	107	-.344	.055	-.147	-.547	100	157	-.400	.122	-.082	-1.021	100	230	.325	.126	.735	-.031
100	108	-.343	.055	-.186	-.560	100	158	-.398	.142	-.072	-1.338	100	231	.401	.133	.869	.083
100	109	-.357	.060	-.182	-.591	100	159	-.355	.131	.069	-1.100	100	232	.305	.119	.799	.017
100	110	-.372	.060	-.183	-.588	100	160	-.328	.128	.015	-1.026	100	233	.111	.096	.484	-.153
100	111	-.390	.075	-.183	-.773	100	161	-.451	.146	-.069	-1.316	100	234	-.097	.070	.151	-.322
100	112	-.388	.077	-.166	-.766	100	162	-.385	.105	-.131	-.966	100	235	-.215	.057	.006	-.398
100	113	-.353	.076	-.075	-.677	100	163	-.362	.084	-.109	-.877	100	236	-.112	.099	.333	-.467
100	114	-.362	.082	-.057	-.773	100	164	-.368	.084	-.166	-.773	100	237	.043	.108	.456	-.277
100	115	-.343	.065	-.154	-.754	100	165	-.428	.136	-.114	-1.175	100	238	.246	.114	.725	-.044
100	116	-.354	.055	-.203	-.545	100	166	-.346	.108	-.055	-1.041	100	239	.313	.115	.873	.030
100	117	-.370	.066	-.180	-.727	100	167	-.370	.114	-.121	-1.231	100	240	.234	.107	.725	-.021
100	118	-.390	.071	-.219	-.777	100	168	-.339	.123	-.030	-1.249	100	241	.055	.083	.422	-.205
100	119	-.376	.074	-.136	-.691	100	169	-.291	.135	.054	-1.219	100	242	-.144	.068	.205	-.386
100	120	-.367	.068	-.173	-.639	100	170	-.366	.091	-.151	-.887	100	243	-.252	.068	.050	-.633
100	121	-.375	.071	-.198	-.856	100	171	-.369	.087	-.126	-.892	100	244	-.129	.097	.257	-.529
100	122	-.327	.054	-.163	-.570	100	172	-.445	.193	.017	-1.717	100	245	-.010	.098	.422	-.317
100	123	-.340	.060	-.182	-.586	100	173	-.308	.113	.079	-.902	100	246	.162	.107	.584	-.122
100	124	-.348	.064	-.198	-.840	100	174	-.353	.111	-.045	-.867	100	247	.203	.105	.617	-.091
100	125	-.357	.058	-.212	-.586	100	175	-.296	.105	-.022	-.877	100	248	.134	.083	.483	-.093
100	126	-.367	.063	-.164	-.745	100	176	-.261	.111	.107	-.942	100	249	-.009	.076	.485	-.248
100	127	-.384	.070	-.219	-.859	100	177	-.271	.147	.169	-1.883	100	250	-.175	.065	.036	-.494
100	128	-.393	.078	-.196	-.907	100	201	.003	.100	.321	-.355	100	251	-.265	.066	-.003	-.584
100	129	-.397	.084	-.181	-.922	100	202	.114	.115	.517	-.263	100	252	-.089	.091	.218	-.456
100	130	-.334	.066	-.151	-.656	100	203	.205	.134	.675	-.188	100	253	.237	.109	.799	-.089
100	131	-.348	.065	-.177	-.619	100	204	.230	.124	.629	-.179	100	254	.124	.084	.451	-.106
100	132	-.354	.065	-.193	-.742	100	205	.181	.118	.552	-.201	100	255	-.271	.068	-.055	-.662
100	133	-.357	.062	-.189	-.752	100	206	.054	.095	.378	-.324	100	256	-.005	.101	.420	-.398
100	134	-.386	.076	-.167	-.755	100	207	-.065	.078	.260	-.439	100	257	.155	.124	.687	-.178
100	135	-.397	.086	-.128	-.818	100	208	-.190	.059	.004	-.417	100	258	.256	.153	.926	-.180
100	136	-.406	.099	-.185	-1.094	100	209	-.001	.092	.299	-.298	100	259	-.144	.104	.207	-.947
100	137	-.396	.102	-.187	-1.087	100	210	.174	.122	.657	-.190	100	260	-.029	.084	.252	-.492
100	138	-.355	.081	-.165	-.840	100	211	.365	.152	.856	-.071	100	261	.085	.090	.514	-.254
100	139	-.354	.076	-.161	-.787	100	212	.419	.148	.986	.030	100	262	.211	.089	.537	-.039
100	140	-.364	.072	-.158	-1.025	100	213	.368	.132	.763	-.031	100	263	.256	.095	.604	.008

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	264	.200	.097	.608	-.039	100	320	-.461	.102	-.213	-.988	100	370	-.272	.064	-.074	-.619
100	265	.031	.073	.338	-.197	100	321	-.393	.110	-.111	-.931	100	371	-.204	.056	-.022	-.421
100	266	-.109	.067	.127	-.420	100	322	-.433	.149	.059	-1.233	100	372	-.223	.073	.139	-.567
100	267	-.223	.067	-.006	-.498	100	323	-.429	.130	.068	-1.031	100	373	-.259	.058	-.071	-.512
100	268	-.378	.078	-.151	-.731	100	324	-.430	.122	.054	-.971	100	374	-.422	.101	-.127	-.935
100	269	-.349	.117	.236	-.796	100	325	-.454	.115	-.094	-1.024	100	375	-.397	.082	-.179	-.796
100	270	.032	.089	.427	-.283	100	326	-.460	.099	-.165	-1.121	100	376	-.381	.074	-.192	-.705
100	271	.205	.107	.790	-.037	100	327	-.438	.092	-.212	-.860	100	377	.231	.125	.740	-.068
100	272	.241	.102	.622	.026	100	328	-.439	.087	-.205	-.797	100	378	.054	.101	.577	-.295
100	273	.180	.091	.729	-.106	100	329	-.421	.093	-.163	-.839	100	401	-.364	.077	-.094	-.683
100	274	.095	.074	.407	-.133	100	330	-.417	.170	.032	-1.546	100	402	-.357	.079	-.099	-.674
100	275	-.071	.061	.185	-.310	100	331	-.409	.157	.178	-1.296	100	403	-.363	.083	-.094	-.690
100	276	-.062	.083	.270	-.409	100	332	-.424	.139	.127	-1.080	100	404	-.370	.078	-.106	-.710
100	277	.146	.105	.642	-.306	100	333	-.471	.138	.025	-1.155	100	405	-.375	.088	-.112	-.866
100	278	.251	.129	.859	-.097	100	334	-.467	.106	-.138	-1.143	100	406	-.378	.086	-.092	-.775
100	279	.102	.091	.476	-.171	100	335	-.466	.118	-.137	-1.136	100	407	-.357	.066	-.149	-.637
100	280	-.370	.085	-.151	-.765	100	336	-.436	.099	-.153	-.886	100	408	-.339	.063	-.138	-.594
100	281	-.348	.098	.208	-.710	100	337	-.435	.097	-.215	-.990	100	409	-.342	.068	-.128	-.637
100	282	-.048	.048	.163	-.197	100	338	-.353	.122	-.009	-.961	100	410	-.363	.076	-.154	-.763
100	283	.134	.082	.531	-.089	100	339	-.354	.115	.000	-.898	100	411	-.360	.072	-.119	-.690
100	284	.263	.124	.779	-.060	100	340	-.392	.129	.064	-1.102	100	412	-.340	.071	-.138	-.726
100	285	.186	.106	.685	-.085	100	341	-.431	.134	.134	-1.046	100	413	-.362	.072	-.106	-.678
100	286	.157	.097	.680	-.087	100	342	-.521	.143	-.104	-1.313	100	414	-.366	.078	-.144	-.717
100	287	.294	.112	.935	.018	100	343	-.512	.141	-.205	-1.498	100	415	-.373	.070	-.144	-.637
100	288	.335	.119	.854	.050	100	344	-.493	.129	-.139	-1.030	100	416	-.394	.093	-.048	-.816
100	289	.282	.115	.717	-.002	100	345	-.475	.122	-.132	-1.084	100	417	-.375	.081	-.131	-.706
100	290	.252	.107	.678	-.007	100	346	-.346	.100	-.027	-.946	100	418	-.394	.097	-.099	-.992
100	291	.171	.096	.515	-.103	100	347	-.361	.109	.019	-.843	100	419	-.370	.063	-.181	-.616
100	292	-.025	.068	.298	-.298	100	348	-.381	.120	.054	-.911	100	420	-.362	.065	-.133	-.603
100	293	-.361	.084	-.101	-.719	100	349	-.392	.114	-.004	-.996	100	421	-.384	.078	-.154	-1.004
100	294	-.332	.129	.394	-.848	100	350	-.193	.187	.551	-.873	100	422	-.392	.076	-.151	-.685
100	301	-.412	.123	.026	-.985	100	351	-.361	.142	.292	-1.004	100	423	-.386	.077	-.119	-.715
100	302	-.405	.120	.075	-1.169	100	352	-.500	.225	.021	-1.878	100	424	-.392	.085	-.087	-.759
100	303	-.448	.120	-.005	-1.009	100	353	-.472	.220	.124	-1.559	100	425	-.395	.091	-.096	-.786
100	304	-.462	.103	-.177	-1.058	100	354	-.305	.084	-.052	-.707	100	426	-.408	.089	-.138	-.855
100	305	-.455	.086	-.205	-.835	100	355	-.265	.070	-.052	-.705	100	427	-.365	.062	-.170	-.596
100	306	-.431	.085	-.196	-.860	100	356	-.276	.084	-.034	-.692	100	428	-.354	.067	-.158	-.660
100	307	-.389	.103	-.069	-.910	100	357	-.367	.105	-.089	-.780	100	429	-.340	.064	-.101	-.594
100	308	-.398	.099	-.019	-.815	100	358	-.424	.089	-.162	-.903	100	430	-.369	.064	-.195	-.820
100	309	-.484	.156	.081	-1.380	100	359	-.436	.090	-.207	-.798	100	431	-.353	.069	-.134	-.669
100	310	-.470	.124	-.063	-1.148	100	360	-.439	.268	.129	-2.129	100	432	-.363	.066	-.171	-.601
100	311	-.471	.096	-.206	-1.005	100	361	-.431	.089	-.047	-1.024	100	433	-.368	.066	-.171	-.676
100	312	-.461	.107	-.210	-.945	100	362	-.438	.089	-.185	-.996	100	434	-.375	.078	-.173	-.700
100	313	-.437	.088	-.210	-.825	100	363	-.286	.069	-.084	-.587	100	435	-.365	.073	-.139	-.670
100	314	-.433	.090	-.165	-.898	100	364	-.248	.076	-.034	-.715	100	436	-.408	.095	-.106	-.801
100	315	-.390	.100	-.040	-.848	100	365	-.384	.100	-.029	-.788	100	437	-.380	.085	-.108	-.745
100	316	-.395	.100	-.122	-.828	100	366	-.410	.093	-.094	-.798	100	438	-.394	.090	-.108	-.750
100	317	-.452	.152	.081	-1.202	100	367	-.406	.076	-.165	-.798	100	439	-.399	.068	-.218	-.795
100	318	-.444	.096	-.121	-.852	100	368	.111	.109	.581	-.225	100	440	-.379	.064	-.115	-.674
100	319	-.461	.117	.003	-1.017	100	369	-.013	.092	.415	-.358	100	441	-.408	.096	-.089	-.823

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	442	-.409	.098	-.119	-.857	100	492	-.340	.099	-.081	-.979	100	919	-.392	.087	-.107	-.832
100	443	-.373	.066	-.160	-.635	100	493	-.361	.093	-.130	-.819	100	920	-.414	.115	-.038	-.978
100	444	-.349	.060	-.143	-.642	100	494	-.359	.097	-.058	-.775	100	921	-.427	.115	-.040	-.877
100	445	-.350	.057	-.169	-.569	100	495	-.330	.091	-.065	-.744	100	922	-.395	.103	-.070	-.956
100	446	-.347	.055	-.151	-.567	100	496	-.339	.094	-.102	-.860	100	923	-.395	.096	-.065	-.725
100	447	-.337	.055	-.186	-.558	100	497	-.269	.111	.097	-.930	100	924	-.346	.094	-.026	-.777
100	448	-.338	.056	-.160	-.526	100	498	-.272	.117	.043	-.989	100	925	-.356	.086	-.005	-.812
100	449	-.349	.061	-.158	-.586	100	499	-.279	.119	.094	-1.125	100	926	-.359	.087	.007	-.787
100	450	-.362	.062	-.149	-.592	100	500	-.277	.092	.043	-.806	100	927	-.364	.067	-.173	-.643
100	451	-.364	.070	-.175	-.623	100	501	-.326	.099	.035	-1.007	100	928	-.376	.072	-.183	-.711
100	452	-.388	.085	-.115	-.752	100	502	-.352	.100	-.016	-.858	100	929	-.373	.090	-.091	-1.045
100	453	-.374	.094	-.057	-.829	100	503	-.367	.096	-.037	-.920	100	930	-.362	.080	-.081	-.717
100	454	-.375	.096	-.074	-.771	100	504	-.365	.091	-.156	-.832	100	931	-.375	.079	-.070	-.700
100	455	-.347	.069	-.154	-.706	100	505	-.358	.093	-.139	-.891	100	932	-.399	.104	-.026	-.881
100	456	-.332	.061	-.136	-.633	100	506	-.342	.098	-.037	-.845	100	933	-.391	.102	.008	-.835
100	457	-.312	.050	-.115	-.519	100	507	-.249	.112	.167	-.871	100	934	-.357	.084	-.078	-.942
100	458	-.295	.051	-.132	-.513	100	508	-.255	.116	.109	-1.042	100	935	-.386	.113	-.085	-1.129
100	459	-.315	.051	-.123	-.541	100	509	-.224	.096	.203	-.664	100	936	-.342	.081	-.138	-.872
100	460	-.321	.059	-.149	-.552	100	510	-.244	.089	.266	-.582	100	937	-.309	.059	-.075	-.613
100	461	-.328	.065	-.134	-.603	100	511	-.301	.102	.046	-.848	100	938	-.310	.060	-.124	-.703
100	462	-.329	.068	-.149	-.689	100	512	-.323	.105	-.003	-.853	100	939	-.232	.119	.298	-.746
100	463	-.345	.089	-.080	-.784	100	513	-.297	.090	-.003	-.809	100	940	-.314	.112	-.034	-.833
100	464	-.367	.105	-.052	-.844	100	514	-.360	.100	-.114	-.829	100	941	-.394	.102	-.177	-.925
100	465	-.340	.072	-.111	-.739	100	515	-.346	.099	-.114	-.753	100	942	-.360	.073	-.131	-.872
100	466	-.324	.069	-.061	-.790	100	516	-.347	.103	-.095	-1.042	100	943	-.332	.079	-.126	-.933
100	467	-.308	.064	-.046	-.657	100	801	-.364	.082	-.133	-.997	100	944	-.275	.066	-.020	-.550
100	468	-.300	.057	-.076	-.496	100	802	-.390	.085	-.163	-.708	100	945	-.414	.159	-.043	-1.554
100	469	-.310	.061	.019	-.552	100	803	-.313	.051	-.068	-.504	100	946	-.405	.118	-.167	-1.478
100	470	-.305	.059	-.074	-.556	100	804	-.378	.089	-.157	-1.144	100	947	-.362	.087	-.131	-.845
100	471	-.317	.061	-.059	-.610	100	805	-.323	.046	-.215	-.515	100	948	-.341	.083	-.100	-.770
100	472	-.322	.066	-.130	-.575	100	806	-.313	.040	-.218	-.450	100	949	-.299	.064	-.049	-.522
100	473	-.328	.066	-.089	-.713	100	807	-.373	.095	-.080	-.916	110	101	-.323	.058	-.144	-.561
100	474	-.334	.072	-.115	-.644	100	901	-.459	.109	-.201	-.961	110	102	-.326	.062	-.112	-.580
100	475	-.329	.081	-.057	-.700	100	902	-.484	.108	-.179	-.961	110	103	-.346	.078	-.119	-.740
100	476	-.318	.078	-.034	-.656	100	903	-.465	.091	-.216	-.859	110	104	-.328	.083	-.070	-.738
100	477	-.367	.084	-.143	-1.234	100	904	-.463	.118	-.179	-1.159	110	105	-.328	.089	-.049	-.950
100	478	-.355	.076	-.106	-1.256	100	905	-.479	.104	-.183	-.983	110	106	-.326	.093	-.044	-.857
100	479	-.332	.058	-.163	-.605	100	906	-.452	.109	-.131	-.969	110	107	-.297	.051	-.137	-.491
100	480	-.327	.056	-.119	-.544	100	907	-.484	.136	-.053	-1.106	110	108	-.298	.051	-.141	-.498
100	481	-.316	.051	-.135	-.582	100	908	-.487	.109	-.210	-1.150	110	109	-.317	.055	-.153	-.582
100	482	-.315	.052	-.176	-.520	100	909	-.347	.076	-.100	-.756	110	110	-.318	.058	-.159	-.613
100	483	-.314	.060	-.156	-.587	100	910	-.361	.081	-.160	-.766	110	111	-.333	.067	-.141	-.757
100	484	-.306	.058	-.145	-.682	100	911	-.471	.122	-.066	-1.020	110	112	-.325	.067	-.148	-.700
100	485	-.341	.082	-.122	-.935	100	912	-.408	.094	-.143	-.906	110	113	-.313	.066	-.077	-.680
100	486	-.338	.075	-.122	-.788	100	913	-.370	.087	.064	-.882	110	114	-.305	.068	-.106	-.612
100	487	-.326	.116	-.027	-1.034	100	914	-.463	.128	-.043	-1.073	110	115	-.308	.055	-.105	-.591
100	488	-.322	.115	.014	-.930	100	915	-.418	.126	.127	-1.011	110	116	-.310	.046	-.170	-.540
100	489	-.334	.108	-.037	-1.056	100	916	-.449	.121	.028	-1.060	110	117	-.325	.054	-.154	-.608
100	490	-.296	.077	.109	-.632	100	917	-.359	.068	-.110	-.736	110	118	-.322	.055	-.163	-.592
100	491	-.341	.086	.094	-.666	100	918	-.367	.075	-.069	-.832	110	119	-.323	.059	-.153	-.612

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	120	-.303	.060	-.108	-.587	110	170	-.350	.082	-.138	-.878	110	243	-.254	.060	-.035	-.498
110	121	-.320	.060	-.128	-.740	110	171	-.342	.077	-.148	-.728	110	244	-.096	.096	.335	-.573
110	122	-.285	.046	-.133	-.514	110	172	-.384	.145	.030	-1.236	110	245	.022	.094	.447	-.306
110	123	-.288	.045	-.137	-.461	110	173	-.322	.103	.054	-.930	110	246	.190	.107	.649	-.082
110	124	-.300	.047	-.135	-.489	110	174	-.336	.114	.022	-1.083	110	247	.201	.092	.584	-.086
110	125	-.313	.052	-.184	-.526	110	175	-.315	.141	.054	-1.117	110	248	.120	.077	.458	-.113
110	126	-.320	.050	-.182	-.515	110	176	-.259	.154	.190	-1.199	110	249	-.022	.072	.272	-.223
110	127	-.329	.054	-.175	-.599	110	177	-.284	.239	.297	-1.949	110	250	-.184	.053	.012	-.388
110	128	-.339	.058	-.179	-.615	110	201	.074	.119	.491	-.404	110	251	-.265	.056	-.032	-.527
110	129	-.346	.073	-.185	-.989	110	202	.182	.123	.610	-.235	110	252	-.050	.095	.313	-.402
110	130	-.293	.051	-.133	-.475	110	203	.253	.134	.685	-.189	110	253	.245	.107	.734	-.062
110	131	-.297	.054	-.098	-.538	110	204	.219	.119	.599	-.178	110	254	.105	.078	.411	-.097
110	132	-.305	.050	-.169	-.521	110	205	.112	.100	.533	-.198	110	255	-.280	.065	-.055	-.606
110	133	-.322	.054	-.177	-.574	110	206	-.027	.086	.247	-.294	110	256	.002	.096	.409	-.373
110	134	-.336	.059	-.159	-.677	110	207	-.122	.064	.155	-.491	110	257	.145	.112	.628	-.256
110	135	-.356	.068	-.189	-.713	110	208	-.227	.049	-.063	-.396	110	258	.244	.130	.835	-.171
110	136	-.362	.084	-.159	-1.135	110	209	.087	.106	.566	-.248	110	259	-.095	.094	.313	-.460
110	137	-.369	.086	-.177	-.800	110	210	.258	.138	.780	-.230	110	260	.011	.086	.366	-.290
110	138	-.328	.072	-.144	-.836	110	211	.400	.151	.901	-.037	110	261	.106	.093	.507	-.185
110	139	-.327	.064	-.114	-.673	110	212	.391	.133	.832	.001	110	262	.228	.094	.568	-.059
110	140	-.339	.065	-.166	-.642	110	213	.252	.122	.696	-.101	110	263	.244	.100	.698	.030
110	141	-.351	.067	-.214	-.718	110	214	.055	.096	.410	-.224	110	264	.189	.087	.570	-.021
110	142	-.369	.076	-.154	-.848	110	215	-.140	.062	.097	-.343	110	265	-.004	.069	.410	-.213
110	143	-.378	.088	-.182	-.909	110	216	-.211	.049	-.026	-.389	110	266	-.132	.056	.055	-.393
110	144	-.400	.110	-.170	-1.140	110	217	.421	.145	.874	.042	110	267	-.242	.066	-.035	-.613
110	145	-.403	.120	-.116	-1.806	110	218	.361	.127	.775	.029	110	268	-.356	.073	-.182	-.772
110	146	-.363	.082	-.163	-.829	110	219	.208	.104	.564	-.074	110	269	-.368	.081	-.053	-.725
110	147	-.345	.071	-.178	-.737	110	220	.035	.108	.507	-.297	110	270	.045	.093	.469	-.263
110	148	-.340	.072	-.173	-.851	110	221	.224	.129	.637	-.136	110	271	.225	.107	.696	-.032
110	149	-.347	.072	-.168	-.728	110	222	.427	.153	.925	.023	110	272	.240	.097	.729	.017
110	150	-.373	.072	-.175	-1.152	110	223	.447	.138	.962	-.017	110	273	.153	.088	.512	-.082
110	151	-.372	.081	-.195	-.900	110	224	.286	.110	.784	-.068	110	274	.071	.074	.404	-.122
110	152	-.370	.084	-.192	-.922	110	225	.060	.084	.392	-.222	110	275	-.083	.057	.201	-.294
110	153	-.382	.092	-.185	-1.312	110	226	-.125	.055	.089	-.312	110	276	-.055	.075	.254	-.321
110	154	-.344	.075	-.173	-.823	110	227	-.214	.047	-.050	-.387	110	277	.128	.093	.537	-.109
110	155	-.386	.108	-.163	-.905	110	228	-.046	.104	.335	-.374	110	278	.245	.116	.758	-.077
110	156	-.393	.118	-.108	-.994	110	229	.158	.120	.639	-.211	110	279	.120	.087	.478	-.216
110	157	-.378	.111	-.136	-1.539	110	230	.371	.129	.808	.056	110	280	-.356	.082	-.093	-.750
110	158	-.388	.121	.109	-1.169	110	231	.379	.127	.804	.095	110	281	-.352	.079	.122	-.803
110	159	-.358	.122	.052	-.974	110	232	.247	.110	.791	-.066	110	282	-.035	.043	.193	-.171
110	160	-.358	.163	.049	-1.630	110	233	.035	.080	.381	-.206	110	283	.141	.080	.477	-.079
110	161	-.370	.119	-.039	-1.117	110	234	-.144	.060	.136	-.384	110	284	.262	.119	.747	-.054
110	162	-.363	.107	-.039	-1.043	110	235	-.219	.049	-.048	-.427	110	285	.173	.103	.777	-.061
110	163	-.347	.074	-.143	-.691	110	236	-.049	.103	.458	-.377	110	286	.150	.090	.660	-.077
110	164	-.350	.078	-.138	-.742	110	237	.086	.113	.559	-.236	110	287	.290	.102	.727	.024
110	165	-.379	.117	-.074	-.952	110	238	.279	.119	.812	-.023	110	288	.312	.115	.825	.090
110	166	-.344	.109	-.049	-.935	110	239	.293	.113	.870	.019	110	289	.256	.105	.718	-.024
110	167	-.349	.111	-.069	-.913	110	240	.187	.094	.584	-.041	110	290	.213	.090	.660	-.047
110	168	-.331	.136	.035	-1.098	110	241	.012	.079	.389	-.212	110	291	.128	.087	.475	-.100
110	169	-.317	.195	.143	-1.613	110	242	-.175	.060	.095	-.404	110	292	-.028	.064	.244	-.212

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	293	-.349	.078	-.139	-.771	110	349	-.314	.122	.247	-.848	110	421	-.344	.070	-.061	-.728
110	294	-.335	.083	.097	-.819	110	350	-.141	.182	.515	-1.021	110	422	-.329	.065	-.146	-.597
110	301	-.350	.121	.042	-.843	110	351	-.295	.153	.458	-.896	110	423	-.329	.070	-.098	-.659
110	302	-.364	.121	.118	-.911	110	352	-.458	.228	.162	-1.914	110	424	-.336	.075	-.123	-.684
110	303	-.452	.128	.059	-.949	110	353	-.422	.227	.242	-1.872	110	425	-.356	.088	.047	-.686
110	304	-.510	.121	-.130	-1.119	110	354	-.358	.093	-.108	-.793	110	426	-.369	.091	-.075	-.746
110	305	-.516	.102	-.225	-.989	110	355	-.265	.075	-.003	-.758	110	427	-.323	.056	-.144	-.531
110	306	-.503	.105	-.234	-.970	110	356	-.255	.080	-.000	-.663	110	428	-.314	.055	-.114	-.544
110	307	-.340	.106	-.033	-.871	110	357	-.326	.106	-.000	-.781	110	429	-.303	.057	-.095	-.604
110	308	-.332	.102	.153	-.770	110	358	-.399	.094	-.080	-.828	110	430	-.324	.061	-.150	-.595
110	309	-.385	.164	.242	-1.189	110	359	-.389	.079	-.023	-.891	110	431	-.305	.062	-.130	-.559
110	310	-.412	.138	.072	-1.092	110	360	-.421	.249	.277	-1.839	110	432	-.324	.064	-.150	-.617
110	311	-.330	.118	.072	-.946	110	361	-.396	.088	-.080	-.741	110	433	-.320	.061	-.113	-.559
110	312	-.345	.118	-.128	-1.046	110	362	-.386	.080	-.133	-.748	110	434	-.327	.071	-.117	-.714
110	313	-.509	.104	-.199	-.909	110	363	-.342	.074	-.153	-.756	110	435	-.322	.068	-.128	-.589
110	314	-.486	.101	-.194	-1.043	110	364	-.202	.062	.025	-.551	110	436	-.336	.083	-.104	-.727
110	315	-.327	.089	-.029	-.699	110	365	-.332	.097	-.035	-.708	110	437	-.330	.080	-.083	-.714
110	316	-.321	.086	-.068	-.686	110	366	-.367	.093	-.090	-.733	110	438	-.334	.084	-.070	-.740
110	317	-.317	.142	.065	-1.129	110	367	-.352	.074	-.120	-.656	110	439	-.345	.053	-.197	-.598
110	318	-.343	.117	-.062	-.752	110	368	.131	.109	.660	-.188	110	440	-.328	.058	-.186	-.557
110	319	-.407	.151	.089	-.917	110	369	.006	.090	.398	-.411	110	441	-.335	.076	-.055	-.695
110	320	-.534	.122	-.069	-1.036	110	370	-.309	.073	-.090	-.708	110	442	-.336	.081	-.023	-.712
110	321	-.330	.091	-.052	-.772	110	371	-.197	.051	-.010	-.458	110	443	-.321	.054	-.143	-.531
110	322	-.294	.117	.055	-.954	110	372	-.172	.066	.090	-.421	110	444	-.323	.053	-.150	-.552
110	323	-.287	.127	.079	-.825	110	373	-.223	.055	-.045	-.459	110	445	-.313	.049	-.128	-.529
110	324	-.316	.155	.081	-.978	110	374	-.348	.098	-.058	-.718	110	446	-.308	.050	-.135	-.572
110	325	-.401	.185	.174	-1.360	110	375	-.347	.078	-.042	-.644	110	447	-.309	.048	-.160	-.473
110	326	-.528	.131	-.009	-1.114	110	376	-.325	.062	-.130	-.590	110	448	-.318	.055	-.137	-.634
110	327	-.535	.125	-.137	-1.204	110	377	.215	.118	.850	-.081	110	449	-.313	.055	-.098	-.576
110	328	-.485	.100	-.194	-.864	110	378	.060	.095	.469	-.330	110	450	-.315	.062	-.120	-.669
110	329	-.497	.101	-.133	-.803	110	401	-.322	.078	-.079	-.721	110	451	-.311	.062	-.135	-.596
110	330	-.310	.123	.081	-1.070	110	402	-.329	.081	-.075	-.709	110	452	-.341	.074	-.081	-.692
110	331	-.283	.137	.113	-.900	110	403	-.324	.079	-.070	-.721	110	453	-.320	.081	-.059	-.695
110	332	-.304	.164	.123	-.956	110	404	-.321	.077	-.050	-.721	110	454	-.319	.080	-.072	-.729
110	333	-.395	.191	.159	-1.231	110	405	-.329	.087	-.061	-.757	110	455	-.310	.056	-.141	-.518
110	334	-.505	.140	.293	-1.151	110	406	-.343	.090	-.020	-.762	110	456	-.300	.053	-.100	-.512
110	335	-.503	.139	.037	-1.237	110	407	-.321	.063	-.141	-.595	110	457	-.294	.047	-.139	-.484
110	336	-.485	.108	-.104	-.930	110	408	-.307	.060	-.121	-.604	110	458	-.298	.046	-.132	-.499
110	337	-.473	.105	-.133	-.906	110	409	-.298	.059	-.077	-.528	110	459	-.310	.050	-.115	-.507
110	338	-.302	.089	.026	-.866	110	410	-.316	.067	-.068	-.650	110	460	-.314	.054	-.163	-.565
110	339	-.292	.111	.040	-.842	110	411	-.309	.068	-.098	-.634	110	461	-.301	.052	-.150	-.548
110	340	-.291	.127	.089	-.827	110	412	-.311	.062	-.093	-.547	110	462	-.309	.054	-.100	-.578
110	341	-.351	.165	.205	-1.063	110	413	-.316	.070	-.116	-.574	110	463	-.307	.068	-.096	-.712
110	342	-.490	.159	.465	-1.379	110	414	-.321	.077	-.063	-.799	110	464	-.318	.079	-.092	-.820
110	343	-.501	.158	.033	-1.411	110	415	-.315	.069	-.111	-.650	110	465	-.345	.077	-.057	-.690
110	344	-.476	.128	-.095	-1.048	110	416	-.367	.092	-.011	-.776	110	466	-.323	.071	-.057	-.652
110	345	-.474	.125	-.019	-.972	110	417	-.360	.090	-.052	-.828	110	467	-.327	.064	-.023	-.565
110	346	-.537	.431	.010	-1.714	110	418	-.376	.095	.015	-.782	110	468	-.317	.058	-.070	-.520
110	347	-.289	.111	.100	-.718	110	419	-.342	.057	-.169	-.650	110	469	-.327	.063	-.083	-.613
110	348	-.311	.117	.075	-.868	110	420	-.314	.062	-.121	-.588	110	470	-.337	.061	-.031	-.615

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	471	-.337	.055	-.173	-.628	110	805	-.328	.040	-.233	-.464	110	948	-.341	.071	-.110	-.653
110	472	-.327	.057	-.156	-.606	110	806	-.313	.032	-.238	-.413	110	949	-.343	.068	-.173	-.658
110	473	-.328	.057	-.160	-.600	110	807	-.382	.105	-.084	-.996	120	101	-.281	.055	-.081	-.475
110	474	-.334	.060	-.141	-.604	110	901	-.452	.123	-.121	-1.115	120	102	-.294	.063	-.077	-.575
110	475	-.323	.062	-.128	-.611	110	902	-.502	.115	-.162	-1.111	120	103	-.310	.081	-.039	-.745
110	476	-.311	.064	-.117	-.675	110	903	-.488	.102	-.202	-.928	120	104	-.291	.082	-.042	-.871
110	477	-.367	.066	-.178	-.688	110	904	-.462	.140	-.101	-1.115	120	105	-.272	.071	-.051	-.568
110	478	-.362	.060	-.185	-.624	110	905	-.492	.109	-.160	-.957	120	106	-.279	.079	-.002	-.840
110	479	-.332	.054	-.176	-.549	110	906	-.409	.111	-.037	-1.016	120	107	-.266	.045	-.112	-.452
110	480	-.353	.059	-.176	-.585	110	907	-.460	.136	.007	-.996	120	108	-.260	.049	-.099	-.447
110	481	-.309	.079	-.096	-.549	110	908	-.514	.118	-.145	-1.120	120	109	-.278	.050	-.112	-.526
110	482	-.312	.057	-.153	-.598	110	909	-.342	.070	-.156	-.655	120	110	-.284	.056	-.088	-.635
110	483	-.323	.056	-.173	-.621	110	910	-.346	.066	-.179	-.708	120	111	-.288	.056	-.079	-.583
110	484	-.327	.057	-.179	-.595	110	911	-.392	.110	.011	-1.022	120	112	-.291	.062	-.089	-.616
110	485	-.330	.071	-.119	-.726	110	912	-.382	.100	-.023	-1.013	120	113	-.262	.059	-.067	-.628
110	486	-.328	.077	-.137	-.868	110	913	-.325	.078	-.072	-.900	120	114	-.267	.062	-.082	-.666
110	487	-.287	.105	-.006	-.902	110	914	-.480	.131	.103	-.934	120	115	-.268	.048	-.098	-.440
110	488	-.283	.080	-.040	-.964	110	915	-.365	.123	.053	-.871	120	116	-.275	.043	-.138	-.480
110	489	-.294	.083	.025	-.817	110	916	-.440	.132	.126	-1.085	120	117	-.290	.048	-.138	-.658
110	490	-.312	.066	-.079	-.609	110	917	-.312	.059	-.134	-.560	120	118	-.284	.047	-.118	-.564
110	491	-.330	.067	-.156	-.749	110	918	-.313	.062	-.002	-.588	120	119	-.289	.052	-.109	-.586
110	492	-.324	.075	-.089	-.690	110	919	-.324	.081	-.032	-.616	120	120	-.265	.050	-.082	-.633
110	493	-.400	.095	-.150	-.770	110	920	-.358	.107	.018	-.886	120	121	-.291	.051	-.123	-.545
110	494	-.476	.120	-.199	-1.045	110	921	-.386	.117	.067	-.801	120	122	-.257	.039	-.135	-.493
110	495	-.507	.145	-.207	-1.243	110	922	-.343	.097	-.047	-.740	120	123	-.264	.041	-.109	-.412
110	496	-.494	.132	-.161	-1.148	110	923	-.336	.094	.145	-.706	120	124	-.271	.037	-.142	-.389
110	497	-.245	.118	.089	-1.068	110	924	-.303	.083	-.004	-.747	120	125	-.273	.036	-.145	-.405
110	498	-.205	.097	.235	-.713	110	925	-.305	.080	-.018	-.738	120	126	-.287	.041	-.172	-.482
110	499	-.237	.107	.110	-.763	110	926	-.304	.082	-.037	-.633	120	127	-.288	.042	-.159	-.448
110	500	-.257	.076	-.017	-.664	110	927	-.320	.057	-.097	-.579	120	128	-.291	.048	-.118	-.542
110	501	-.305	.087	-.065	-.793	110	928	-.330	.063	-.125	-.622	120	129	-.295	.057	-.089	-.884
110	502	-.332	.086	-.109	-.793	110	929	-.327	.078	-.088	-.680	120	130	-.279	.048	-.109	-.472
110	503	-.431	.114	-.140	-1.030	110	930	-.313	.071	-.084	-.591	120	131	-.272	.050	-.107	-.493
110	504	-.481	.122	-.173	-1.117	110	931	-.305	.076	-.072	-.605	120	132	-.287	.044	-.165	-.482
110	505	-.491	.144	-.176	-1.323	110	932	-.324	.087	-.045	-.823	120	133	-.298	.047	-.168	-.703
110	506	-.475	.130	-.148	-1.191	110	933	-.325	.090	.018	-.740	120	134	-.301	.047	-.168	-.603
110	507	-.179	.124	.215	-1.173	110	934	-.332	.076	-.117	-.786	120	135	-.314	.056	-.170	-.576
110	508	-.176	.112	.170	-.781	110	935	-.408	.108	-.144	-1.403	120	136	-.325	.063	-.175	-.731
110	509	-.182	.093	.107	-.624	110	936	-.352	.072	-.180	-.926	120	137	-.323	.064	-.161	-.779
110	510	-.210	.080	.134	-.653	110	937	-.330	.056	-.071	-.571	120	138	-.309	.058	-.081	-.552
110	511	-.225	.071	-.009	-.631	110	938	-.337	.060	-.149	-.622	120	139	-.311	.056	-.134	-.551
110	512	-.243	.087	.073	-.631	110	939	-.173	.128	.474	-.547	120	140	-.321	.060	-.162	-.761
110	513	-.274	.074	-.028	-.619	110	940	-.257	.105	.011	-.776	120	141	-.332	.057	-.172	-.567
110	514	-.404	.127	.064	-.904	110	941	-.384	.091	-.197	-.846	120	142	-.341	.062	-.163	-.624
110	515	-.474	.136	-.219	-1.476	110	942	-.349	.058	-.182	-.634	120	143	-.351	.074	-.152	-.738
110	516	-.464	.144	-.211	-1.469	110	943	-.332	.070	-.120	-.733	120	144	-.351	.088	-.147	-.941
110	801	-.357	.068	-.191	-.698	110	944	-.246	.051	-.064	-.482	120	145	-.371	.101	-.150	-1.203
110	802	-.339	.075	-.089	-.677	110	945	-.436	.162	-.112	-1.666	120	146	-.339	.068	-.191	-.656
110	803	-.331	.049	-.184	-.574	110	946	-.380	.084	-.180	-.887	120	147	-.339	.063	-.174	-.646
110	804	-.364	.082	-.201	-1.118	110	947	-.339	.068	-.110	-.660	120	148	-.333	.070	-.161	-.922

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	149	-.338	.065	-.159	-.718	120	222	.457	.149	.938	.047	120	272	.165	.082	.626	-.031
120	150	-.358	.072	-.174	-.703	120	223	.357	.127	.757	.029	120	273	.110	.075	.452	-.116
120	151	-.367	.077	-.206	-.847	120	224	.152	.096	.519	-.137	120	274	.034	.060	.319	-.159
120	152	-.364	.082	-.181	-.837	120	225	-.044	.072	.235	-.248	120	275	-.101	.052	.107	-.342
120	153	-.371	.095	-.164	-1.404	120	226	-.189	.048	-.015	-.344	120	276	-.068	.065	.366	-.308
120	154	-.333	.064	-.176	-.711	120	227	-.233	.039	-.097	-.372	120	277	.077	.082	.439	-.184
120	155	-.352	.097	-.119	-1.267	120	228	.108	.137	.630	-.328	120	278	.173	.110	.653	-.085
120	156	-.344	.091	-.114	-.820	120	229	.254	.141	.876	-.144	120	279	.101	.078	.454	-.184
120	157	-.355	.111	-.047	-1.123	120	230	.369	.141	.870	.045	120	280	-.328	.066	-.170	-.659
120	158	-.345	.103	.053	-.855	120	231	.314	.130	.748	-.053	120	281	-.333	.069	-.097	-.611
120	159	-.315	.102	.067	-.857	120	232	.140	.093	.528	-.146	120	282	-.021	.040	.240	-.127
120	160	-.323	.137	.035	-1.159	120	233	-.059	.069	.206	-.301	120	283	.116	.070	.450	-.080
120	161	-.362	.123	-.044	-1.054	120	234	-.192	.056	.078	-.396	120	284	.227	.120	.771	-.043
120	162	-.328	.100	-.027	-.996	120	235	-.244	.046	-.083	-.435	120	285	.148	.094	.655	-.097
120	163	-.342	.071	-.134	-.711	120	236	.045	.112	.504	-.272	120	286	.146	.084	.540	-.062
120	164	-.337	.072	-.171	-.661	120	237	.133	.117	.671	-.238	120	287	.260	.100	.625	.053
120	165	-.341	.112	-.017	-.964	120	238	.262	.127	.813	-.074	120	288	.278	.112	.810	.019
120	166	-.328	.102	-.052	-1.024	120	239	.234	.114	.626	-.078	120	289	.215	.097	.635	-.175
120	167	-.329	.111	-.037	-.981	120	240	.118	.087	.461	-.216	120	290	.178	.086	.586	-.080
120	168	-.328	.144	.062	-1.026	120	241	-.051	.068	.254	-.311	120	291	.095	.073	.469	-.110
120	169	-.306	.192	.107	-1.215	120	242	-.202	.056	.032	-.414	120	292	-.059	.051	.243	-.265
120	170	-.335	.075	-.112	-.748	120	243	-.274	.055	-.116	-.597	120	293	-.329	.064	-.173	-.680
120	171	-.341	.074	-.131	-.653	120	244	-.029	.095	.381	-.410	120	294	-.333	.081	-.011	-.724
120	172	-.340	.137	.025	-1.277	120	245	.023	.085	.364	-.245	120	301	-.278	.084	.017	-.690
120	173	-.309	.111	.127	-1.215	120	246	.092	.086	.475	-.125	120	302	-.259	.093	.093	-.737
120	174	-.311	.110	-.007	-1.039	120	247	.143	.100	.551	-.096	120	303	-.297	.130	.069	-.879
120	175	-.286	.143	.144	-1.056	120	248	.068	.079	.400	-.141	120	304	-.473	.132	-.016	-.997
120	176	-.237	.158	.234	-.971	120	249	-.065	.065	.263	-.324	120	305	-.483	.104	-.019	-1.050
120	177	-.290	.256	.321	-1.907	120	250	-.201	.053	.026	-.410	120	306	-.470	.097	-.155	-.834
120	201	.207	.133	.652	-.239	120	251	-.274	.053	-.110	-.523	120	307	-.295	.069	-.023	-.676
120	202	.286	.136	.710	-.140	120	252	.012	.088	.443	-.349	120	308	-.305	.071	-.018	-.723
120	203	.270	.129	.732	-.186	120	253	.188	.103	.637	-.137	120	309	-.205	.097	.074	-.723
120	204	.163	.108	.519	-.237	120	254	.041	.069	.290	-.209	120	310	-.168	.129	.106	-.830
120	205	.026	.088	.309	-.246	120	255	-.277	.052	-.114	-.509	120	311	-.335	.233	.334	-.920
120	206	-.103	.068	.147	-.335	120	256	-.013	.090	.418	-.263	120	312	-.406	.218	.637	-.973
120	207	-.170	.052	.021	-.382	120	257	.112	.099	.709	-.218	120	313	-.454	.118	-.016	-1.025
120	208	-.236	.045	-.069	-.388	120	258	.183	.125	.928	-.223	120	314	-.433	.110	-.080	-.914
120	209	.240	.125	.659	-.095	120	259	-.004	.112	.619	-.419	120	315	-.283	.053	-.091	-.520
120	210	.361	.150	.855	-.072	120	260	.053	.086	.423	-.195	120	316	-.279	.054	-.093	-.531
120	211	.424	.146	.923	.040	120	261	.111	.078	.452	-.103	120	317	-.180	.058	.036	-.571
120	212	.319	.132	.728	-.066	120	262	.166	.081	.540	-.024	120	318	-.117	.064	.062	-.458
120	213	.181	.106	.552	-.151	120	263	.216	.102	.624	-.024	120	319	-.085	.136	.271	-.779
120	214	-.039	.076	.222	-.270	120	264	.133	.076	.484	-.089	120	320	-.312	.264	.638	-1.056
120	215	-.196	.048	-.009	-.366	120	265	-.036	.054	.172	-.244	120	321	-.278	.052	-.127	-.527
120	216	-.226	.042	-.066	-.370	120	266	-.153	.048	.041	-.376	120	322	-.196	.041	-.047	-.463
120	217	.455	.147	.892	.073	120	267	-.240	.054	-.001	-.466	120	323	-.144	.047	.052	-.558
120	218	.275	.114	.652	-.126	120	268	-.342	.069	-.162	-.728	120	324	-.080	.073	.169	-.575
120	219	.122	.095	.504	-.137	120	269	-.345	.074	-.065	-.719	120	325	-.018	.160	.322	-.733
120	220	.201	.135	.666	-.217	120	270	.043	.071	.389	-.234	120	326	-.317	.256	.505	-1.010
120	221	.345	.150	.847	-.066	120	271	.159	.088	.576	-.069	120	327	-.414	.210	.470	-1.157

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	328	-.361	.133	.201	-.886	120	378	.075	.085	.593	-.241	120	450	-.282	.040	-.174	-.461
120	329	-.355	.131	.116	-.801	120	401	-.290	.070	-.087	-.682	120	451	-.284	.042	-.142	-.437
120	330	-.219	.045	-.042	-.560	120	402	-.287	.070	-.069	-.685	120	452	-.290	.047	-.135	-.487
120	331	-.160	.067	.074	-.689	120	403	-.295	.074	-.053	-.680	120	453	-.278	.044	-.142	-.528
120	332	-.099	.106	.179	-.803	120	404	-.295	.085	-.078	-.878	120	454	-.277	.045	-.146	-.513
120	333	-.105	.180	.291	-.854	120	405	-.307	.078	-.057	-.715	120	455	-.308	.059	-.094	-.758
120	334	-.251	.228	.556	-.930	120	406	-.303	.076	-.053	-.622	120	456	-.302	.055	-.131	-.576
120	335	-.326	.195	.571	-.997	120	407	-.282	.055	-.099	-.611	120	457	-.326	.049	-.061	-.528
120	336	-.336	.140	.243	-.928	120	408	-.278	.056	-.097	-.662	120	458	-.312	.047	-.142	-.517
120	337	-.298	.134	.192	-.898	120	409	-.266	.052	-.078	-.433	120	459	-.318	.042	-.107	-.530
120	338	-.264	.052	-.030	-.558	120	410	-.279	.060	-.106	-.703	120	460	-.307	.042	-.172	-.465
120	339	-.209	.068	.026	-.682	120	411	-.291	.066	-.101	-.650	120	461	-.308	.041	-.183	-.495
120	340	-.154	.094	.079	-.757	120	412	-.280	.061	-.078	-.682	120	462	-.307	.044	-.183	-.513
120	341	-.143	.143	.330	-.742	120	413	-.284	.058	-.071	-.620	120	463	-.299	.042	-.159	-.489
120	342	-.230	.186	.390	-.905	120	414	-.274	.057	-.055	-.576	120	464	-.295	.044	-.135	-.519
120	343	-.241	.193	.498	-.959	120	415	-.284	.056	-.113	-.507	120	465	-.352	.071	-.103	-.786
120	344	-.283	.148	.276	-.975	120	416	-.354	.072	-.092	-.648	120	466	-.342	.066	-.018	-.604
120	345	-.283	.129	.107	-.761	120	417	-.339	.067	-.115	-.636	120	467	-.348	.058	-.098	-.602
120	346	-.181	.087	.134	-.750	120	418	-.329	.068	-.113	-.632	120	468	-.333	.050	-.118	-.587
120	347	-.159	.107	.187	-.728	120	419	-.292	.051	-.143	-.535	120	469	-.351	.049	-.205	-.584
120	348	-.175	.109	.159	-.685	120	420	-.275	.051	-.037	-.498	120	470	-.355	.049	-.213	-.558
120	349	-.169	.107	.164	-.834	120	421	-.294	.066	-.064	-.980	120	471	-.342	.043	-.207	-.513
120	350	-.029	.135	.507	-.617	120	422	-.276	.054	-.115	-.544	120	472	-.337	.048	-.198	-.641
120	351	-.118	.155	.512	-.851	120	423	-.284	.054	-.085	-.643	120	473	-.336	.048	-.200	-.534
120	352	-.203	.191	.318	-1.176	120	424	-.290	.048	-.108	-.498	120	474	-.344	.044	-.218	-.521
120	353	-.175	.188	.323	-1.486	120	425	-.316	.059	-.108	-.579	120	475	-.333	.050	-.203	-.602
120	354	-.324	.083	-.075	-.813	120	426	-.321	.063	-.115	-.844	120	476	-.323	.048	-.184	-.638
120	355	-.216	.072	.056	-.587	120	427	-.282	.048	-.124	-.505	120	477	-.361	.064	-.137	-.658
120	356	-.195	.082	.059	-.556	120	428	-.279	.050	-.115	-.502	120	478	-.357	.058	-.087	-.609
120	357	-.241	.121	.185	-.758	120	429	-.268	.050	-.062	-.514	120	479	-.333	.052	-.083	-.583
120	358	-.265	.107	.119	-.667	120	430	-.292	.053	-.127	-.562	120	480	-.347	.054	-.103	-.583
120	359	-.287	.099	.177	-.702	120	431	-.279	.058	-.079	-.661	120	481	-.353	.050	-.218	-.625
120	360	-.204	.236	.386	-1.393	120	432	-.287	.049	-.120	-.517	120	482	-.293	.057	-.135	-.544
120	361	-.269	.100	.104	-.652	120	433	-.280	.047	-.133	-.478	120	483	-.326	.055	-.187	-.640
120	362	-.272	.081	.147	-.604	120	434	-.277	.045	-.122	-.554	120	484	-.333	.051	-.205	-.635
120	363	-.343	.070	-.178	-.768	120	435	-.285	.047	-.144	-.502	120	485	-.317	.063	-.099	-.599
120	364	-.150	.053	.006	-.508	120	436	-.310	.053	-.142	-.647	120	486	-.316	.061	-.099	-.809
120	365	-.204	.093	.023	-.584	120	437	-.287	.049	-.090	-.545	120	487	-.253	.077	.016	-.638
120	366	-.213	.096	.122	-.599	120	438	-.281	.048	-.107	-.569	120	488	-.254	.065	-.021	-.558
120	367	-.261	.084	.069	-.629	120	439	-.304	.047	-.150	-.506	120	489	-.284	.062	-.086	-.541
120	368	.102	.094	.560	-.209	120	440	-.287	.047	-.122	-.534	120	490	-.299	.054	-.142	-.497
120	369	.040	.084	.394	-.269	120	441	-.306	.049	-.157	-.524	120	491	-.308	.049	-.149	-.507
120	370	-.308	.069	-.120	-.685	120	442	-.289	.051	-.116	-.517	120	492	-.286	.056	-.125	-.591
120	371	-.179	.039	-.009	-.390	120	443	-.291	.048	-.120	-.539	120	493	-.372	.074	-.192	-.734
120	372	-.114	.053	.089	-.370	120	444	-.278	.046	-.057	-.482	120	494	-.543	.116	-.275	-1.047
120	373	-.131	.054	.065	-.327	120	445	-.291	.046	-.142	-.539	120	495	-.547	.123	-.288	-1.130
120	374	-.213	.107	.135	-.651	120	446	-.287	.045	-.116	-.443	120	496	-.522	.116	-.262	-1.078
120	375	-.210	.088	.075	-.482	120	447	-.293	.045	-.118	-.517	120	497	-.208	.098	.192	-.646
120	376	-.204	.073	.041	-.487	120	448	-.290	.043	-.153	-.541	120	498	-.184	.081	.109	-.547
120	377	.163	.102	.671	-.062	120	449	-.297	.043	-.153	-.491	120	499	-.215	.086	.051	-.601

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	500	-.237	.061	-.042	-.472	120	927	-.280	.049	-.086	-.489	130	128	-.275	.042	-.154	-.487
120	501	-.266	.059	-.052	-.539	120	928	-.286	.056	-.095	-.644	130	129	-.272	.046	-.111	-.597
120	502	-.325	.071	-.156	-.604	120	929	-.281	.069	-.074	-.722	130	130	-.260	.042	-.111	-.421
120	503	-.457	.112	-.205	-1.102	120	930	-.279	.058	-.098	-.626	130	131	-.270	.043	-.111	-.433
120	504	-.473	.111	-.156	-1.006	120	931	-.269	.055	-.067	-.491	130	132	-.274	.042	-.150	-.451
120	505	-.383	.142	-.316	-1.221	120	932	-.281	.050	-.103	-.516	130	133	-.285	.043	-.167	-.507
120	506	-.524	.115	-.246	-1.107	120	933	-.271	.052	-.064	-.592	130	134	-.283	.046	-.149	-.503
120	507	-.158	.109	.135	-.602	120	934	-.338	.076	-.157	-.820	130	135	-.284	.050	-.158	-.480
120	508	-.157	.091	.128	-.524	120	935	-.362	.084	-.164	-.908	130	136	-.297	.058	-.133	-.709
120	509	-.125	.082	.269	-.422	120	936	-.343	.059	-.222	-.679	130	137	-.309	.064	-.027	-.745
120	510	-.168	.059	.045	-.504	120	937	-.321	.045	-.196	-.487	130	138	-.285	.052	-.109	-.460
120	511	-.191	.050	.004	-.383	120	938	-.346	.063	-.181	-.609	130	139	-.289	.059	-.134	-.617
120	512	-.178	.048	-.001	-.371	120	939	-.088	.104	.461	-.485	130	140	-.300	.061	-.141	-.605
120	513	-.227	.050	-.077	-.444	120	940	-.301	.109	.018	-.755	130	141	-.303	.057	-.165	-.659
120	514	-.221	.122	.157	-.786	120	941	-.347	.059	-.166	-.589	130	142	-.321	.065	-.124	-.618
120	515	-.521	.139	-.235	-1.437	120	942	-.338	.047	-.220	-.492	130	143	-.318	.065	-.135	-.836
120	516	-.471	.147	-.193	-1.350	120	943	-.301	.053	-.162	-.606	130	144	-.341	.082	-.117	-.904
120	801	-.340	.057	-.197	-.666	120	944	-.217	.041	-.069	-.361	130	145	-.342	.090	-.072	-1.008
120	802	-.330	.099	-.073	-.905	120	945	-.346	.093	.014	-1.146	130	146	-.334	.067	-.181	-.941
120	803	-.318	.040	-.210	-.477	120	946	-.358	.063	-.213	-.699	130	147	-.330	.065	-.171	-.651
120	804	-.352	.069	-.205	-.931	120	947	-.303	.049	-.171	-.519	130	148	-.324	.064	-.161	-.617
120	805	-.329	.037	-.241	-.451	120	948	-.300	.052	-.135	-.482	130	149	-.329	.070	-.168	-.681
120	806	-.298	.028	-.226	-.389	120	949	-.314	.057	-.155	-.627	130	150	-.341	.067	-.114	-.787
120	807	-.371	.097	-.067	-.749	130	101	-.267	.057	-.058	-.488	130	151	-.350	.073	-.176	-.839
120	901	-.421	.122	.140	-.949	130	102	-.270	.062	-.002	-.569	130	152	-.360	.078	-.193	-.966
120	902	-.526	.113	-.140	-.945	130	103	-.269	.066	-.062	-.613	130	153	-.360	.088	-.188	-1.164
120	903	-.527	.108	-.217	-1.058	130	104	-.269	.062	-.083	-.627	130	154	-.318	.063	-.146	-.643
120	904	-.428	.138	.000	-1.091	130	105	-.261	.065	-.062	-.586	130	155	-.344	.099	-.057	-1.082
120	905	-.556	.112	-.208	-1.069	130	106	-.269	.075	-.069	-.641	130	156	-.338	.092	-.047	-.822
120	906	-.393	.108	-.038	-.809	130	107	-.249	.048	-.088	-.465	130	157	-.349	.102	-.074	-.998
120	907	-.434	.110	-.097	-.956	130	108	-.241	.043	-.101	-.389	130	158	-.318	.096	.013	-.768
120	908	-.489	.110	-.011	-.860	130	109	-.262	.048	-.111	-.544	130	159	-.307	.106	.060	-.854
120	909	-.327	.054	-.169	-.621	130	110	-.266	.052	-.104	-.532	130	160	-.323	.149	.062	-1.090
120	910	-.342	.066	-.183	-.862	130	111	-.270	.058	-.033	-.668	130	161	-.324	.110	-.042	-1.082
120	911	-.234	.098	.060	-.699	130	112	-.263	.058	-.081	-.604	130	162	-.302	.094	-.064	-.862
120	912	-.256	.144	.120	-1.061	130	113	-.252	.057	-.076	-.511	130	163	-.319	.075	-.153	-.641
120	913	-.292	.076	-.058	-.658	130	114	-.266	.072	-.049	-.847	130	164	-.321	.068	-.141	-.582
120	914	-.393	.110	.094	-.803	130	115	-.258	.050	-.069	-.463	130	165	-.321	.099	-.059	-.827
120	915	-.298	.101	.084	-.796	130	116	-.257	.040	-.133	-.426	130	166	-.322	.115	-.037	-.926
120	916	-.415	.133	.018	-1.140	130	117	-.266	.042	-.138	-.435	130	167	-.313	.113	.015	-1.092
120	917	-.274	.055	-.038	-.583	130	118	-.270	.046	-.144	-.505	130	168	-.304	.131	.072	-1.000
120	918	-.279	.059	-.083	-.685	130	119	-.266	.048	-.133	-.537	130	169	-.285	.177	.159	-1.248
120	919	-.277	.061	-.060	-.614	130	120	-.263	.050	-.015	-.503	130	170	-.320	.071	-.109	-.683
120	920	-.305	.070	-.002	-.603	130	121	-.282	.047	-.134	-.618	130	171	-.318	.071	-.148	-.621
120	921	-.258	.097	.053	-.747	130	122	-.247	.039	-.106	-.428	130	172	-.309	.113	.023	-1.169
120	922	-.315	.068	-.118	-.614	130	123	-.259	.037	-.134	-.386	130	173	-.301	.115	.030	-1.288
120	923	-.300	.069	.033	-.643	130	124	-.259	.038	-.104	-.442	130	174	-.296	.111	.023	-1.152
120	924	-.271	.071	-.014	-.584	130	125	-.262	.038	-.149	-.412	130	175	-.268	.146	.129	-1.223
120	925	-.275	.066	-.070	-.566	130	126	-.268	.040	-.133	-.419	130	176	-.259	.176	.248	-1.000
120	926	-.282	.067	-.028	-.598	130	127	-.272	.042	-.108	-.451	130	177	-.296	.230	.220	-1.697

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	201	.295	.143	.756	-.208	130	251	-.264	.052	-.100	-.506	130	307	-.286	.057	-.092	-.504
130	202	.337	.144	.758	-.118	130	252	.117	.095	.504	-.241	130	308	-.319	.069	-.050	-.598
130	203	.240	.115	.622	-.151	130	253	.122	.086	.500	-.170	130	309	-.146	.055	.049	-.377
130	204	.079	.091	.408	-.180	130	254	-.036	.064	.231	-.335	130	310	-.066	.062	.135	-.341
130	205	-.063	.068	.230	-.290	130	255	-.280	.057	-.073	-.559	130	311	.059	.155	.488	-.599
130	206	-.182	.054	.104	-.395	130	256	.012	.089	.469	-.237	130	312	-.041	.238	.639	-.816
130	207	-.212	.042	-.055	-.354	130	257	.109	.093	.511	-.194	130	313	-.225	.159	.416	-.954
130	208	-.252	.047	-.087	-.420	130	258	.168	.114	.811	-.132	130	314	-.233	.137	.395	-.786
130	209	.387	.133	.791	-.001	130	259	.133	.099	.598	-.102	130	315	-.287	.049	-.106	-.490
130	210	.453	.162	1.080	.043	130	260	.136	.093	.491	-.114	130	316	-.286	.048	-.153	-.540
130	211	.396	.129	.842	.043	130	261	.134	.090	.540	-.098	130	317	-.160	.044	.064	-.319
130	212	.222	.108	.562	-.085	130	262	.140	.081	.473	-.064	130	318	-.075	.040	.111	-.234
130	213	.029	.082	.329	-.252	130	263	.119	.068	.484	-.111	130	319	.024	.060	.239	-.363
130	214	-.140	.063	.144	-.362	130	264	.046	.062	.327	-.134	130	320	.153	.201	.737	-.708
130	215	-.240	.047	-.083	-.395	130	265	-.098	.053	.114	-.354	130	321	-.278	.042	-.148	-.511
130	216	-.237	.041	-.089	-.367	130	266	-.176	.055	.027	-.458	130	322	-.177	.036	-.031	-.292
130	217	.401	.133	.824	.025	130	267	-.244	.057	-.076	-.537	130	323	-.106	.040	.043	-.239
130	218	.128	.089	.439	-.140	130	268	-.317	.065	-.129	-.595	130	324	-.024	.049	.174	-.174
130	219	.025	.076	.412	-.224	130	269	-.326	.079	-.085	-.918	130	325	.101	.075	.329	-.239
130	220	.348	.146	.760	-.076	130	270	.114	.078	.554	-.129	130	326	.120	.201	.735	-.633
130	221	.417	.145	.868	.049	130	271	.132	.076	.504	-.051	130	327	.034	.252	.681	-.861
130	222	.429	.142	.840	.032	130	272	.106	.060	.397	-.062	130	328	-.074	.156	.519	-.647
130	223	.255	.106	.578	-.105	130	273	.022	.072	.285	-.226	130	329	-.062	.156	.608	-.629
130	224	.027	.080	.298	-.219	130	274	-.030	.054	.182	-.210	130	330	-.195	.037	-.044	-.321
130	225	-.151	.065	.082	-.358	130	275	-.135	.053	.083	-.373	130	331	-.104	.044	.130	-.256
130	226	-.227	.043	-.087	-.387	130	276	-.044	.060	.271	-.266	130	332	-.007	.058	.191	-.338
130	227	-.250	.039	-.098	-.371	130	277	.047	.067	.372	-.125	130	333	.074	.081	.365	-.387
130	228	.263	.138	.751	-.138	130	278	.130	.086	.581	-.085	130	334	.073	.185	.597	-.686
130	229	.339	.144	.844	-.056	130	279	.151	.100	.567	-.062	130	335	.050	.210	.672	-.685
130	230	.334	.132	.811	.005	130	280	-.315	.072	-.123	-.707	130	336	-.053	.140	.487	-.591
130	231	.198	.104	.589	-.072	130	281	-.317	.068	-.152	-.666	130	337	-.047	.136	.484	-.626
130	232	.007	.079	.298	-.228	130	282	.015	.050	.260	-.097	130	338	-.234	.040	-.053	-.384
130	233	-.162	.067	.087	-.371	130	283	.096	.071	.409	-.070	130	339	-.147	.042	.121	-.346
130	234	-.249	.053	-.064	-.416	130	284	.168	.095	.719	-.058	130	340	-.063	.054	.184	-.346
130	235	-.254	.047	-.089	-.450	130	285	.151	.093	.563	-.033	130	341	.000	.076	.278	-.445
130	236	.190	.126	.762	-.116	130	286	.173	.095	.572	-.129	130	342	.026	.121	.413	-.503
130	237	.228	.130	.728	-.071	130	287	.228	.107	.627	.006	130	343	.019	.141	.489	-.554
130	238	.221	.115	.722	-.022	130	288	.203	.094	.567	.008	130	344	-.042	.119	.473	-.732
130	239	.131	.089	.489	-.102	130	289	.081	.080	.409	-.235	130	345	-.058	.117	.381	-.528
130	240	-.007	.079	.332	-.315	130	290	.078	.067	.343	-.123	130	346	-.105	.058	.104	-.432
130	241	-.149	.069	.182	-.407	130	291	.036	.070	.350	-.187	130	347	-.067	.067	.210	-.452
130	242	-.240	.056	-.040	-.467	130	292	-.069	.052	.148	-.285	130	348	-.040	.070	.210	-.344
130	243	-.281	.051	-.098	-.476	130	293	-.300	.064	-.113	-.586	130	349	-.066	.073	.237	-.445
130	244	.070	.093	.589	-.243	130	294	-.311	.080	.004	-.769	130	350	.074	.101	.537	-.218
130	245	.085	.094	.516	-.161	130	301	-.279	.064	.002	-.535	130	351	.084	.115	.627	-.344
130	246	.087	.087	.545	-.134	130	302	-.253	.064	.025	-.598	130	352	.016	.116	.519	-.570
130	247	.049	.067	.352	-.120	130	303	-.166	.067	.039	-.619	130	353	-.002	.119	.411	-.797
130	248	-.032	.059	.254	-.259	130	304	-.316	.129	.056	-.832	130	354	-.271	.101	-.035	-.711
130	249	-.130	.065	.128	-.380	130	305	-.406	.137	.081	-.925	130	355	-.178	.071	.086	-.580
130	250	-.226	.055	-.045	-.457	130	306	-.368	.114	.093	-.851	130	356	-.134	.064	.086	-.440

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	357	-.156	.092	.220	-.555	130	429	-.263	.049	-.074	-.455	130	479	-.348	.061	-.200	-.815
130	358	-.172	.107	.169	-.646	130	430	-.312	.067	-.132	-.700	130	480	-.352	.058	-.144	-.628
130	359	-.178	.112	.159	-.819	130	431	-.304	.066	-.122	-.648	130	481	-.372	.059	-.202	-.621
130	360	.035	.109	.403	-.575	130	432	-.289	.052	-.150	-.672	130	482	-.310	.070	-.125	-.575
130	361	-.132	.085	.139	-.714	130	433	-.275	.042	-.152	-.440	130	483	-.342	.060	-.171	-.637
130	362	-.188	.083	.139	-.550	130	434	-.271	.041	-.148	-.438	130	484	-.351	.059	-.208	-.580
130	363	-.295	.078	-.105	-.611	130	435	-.270	.042	-.139	-.434	130	485	-.327	.066	-.122	-.645
130	364	-.099	.037	.094	-.377	130	436	-.293	.045	-.150	-.466	130	486	-.326	.067	-.146	-.590
130	365	-.086	.047	.079	-.372	130	437	-.271	.043	-.137	-.455	130	487	-.246	.083	.011	-.551
130	366	-.080	.065	.134	-.389	130	438	-.263	.042	-.105	-.425	130	488	-.241	.063	-.025	-.493
130	367	-.153	.068	.104	-.450	130	439	-.291	.053	-.154	-.627	130	489	-.279	.059	-.074	-.532
130	368	.150	.099	.587	-.075	130	440	-.271	.048	-.122	-.498	130	490	-.308	.059	-.144	-.547
130	369	.118	.086	.491	-.153	130	441	-.293	.044	-.154	-.470	130	491	-.291	.057	-.117	-.508
130	370	-.255	.084	-.047	-.591	130	442	-.270	.044	-.133	-.425	130	492	-.265	.057	-.063	-.567
130	371	-.150	.039	-.009	-.291	130	443	-.289	.061	-.042	-.599	130	493	-.364	.084	-.166	-.794
130	372	-.100	.047	.096	-.319	130	444	-.281	.047	-.141	-.586	130	494	-.526	.141	-.223	-1.379
130	373	-.056	.040	.118	-.179	130	445	-.280	.043	-.150	-.472	130	495	-.538	.156	-.202	-1.107
130	374	-.069	.049	.139	-.314	130	446	-.286	.045	-.167	-.550	130	496	-.499	.144	-.159	-1.131
130	375	-.059	.059	.209	-.296	130	447	-.293	.044	-.077	-.453	130	497	-.221	.100	.103	-.766
130	376	-.104	.052	.128	-.283	130	448	-.292	.043	-.173	-.556	130	498	-.178	.076	.028	-.541
130	377	.160	.094	.542	-.047	130	449	-.277	.038	-.167	-.462	130	499	-.235	.086	.019	-.711
130	378	.128	.088	.537	-.117	130	450	-.277	.038	-.173	-.401	130	500	-.231	.063	.017	-.508
130	401	-.292	.084	-.033	-.824	130	451	-.273	.039	-.143	-.423	130	501	-.271	.064	-.065	-.513
130	402	-.295	.087	-.058	-.760	130	452	-.286	.041	-.163	-.442	130	502	-.324	.070	-.109	-.652
130	403	-.294	.084	-.035	-.989	130	453	-.267	.040	-.135	-.434	130	503	-.487	.145	-.084	-1.242
130	404	-.283	.068	-.033	-.668	130	454	-.261	.039	-.120	-.460	130	504	-.426	.131	-.065	-.880
130	405	-.309	.074	-.081	-.712	130	455	-.316	.068	-.077	-.733	130	505	-.561	.175	-.187	-1.229
130	406	-.314	.071	-.063	-.647	130	456	-.310	.058	-.079	-.554	130	506	-.479	.135	-.182	-1.058
130	407	-.272	.060	-.031	-.728	130	457	-.317	.043	-.176	-.470	130	507	-.184	.108	.131	-.593
130	408	-.260	.055	-.097	-.657	130	458	-.327	.046	-.176	-.483	130	508	-.165	.087	.077	-.503
130	409	-.254	.051	-.095	-.526	130	459	-.322	.048	-.184	-.586	130	509	-.092	.089	.460	-.377
130	410	-.293	.085	-.086	-.877	130	460	-.308	.043	-.184	-.492	130	510	-.148	.060	.116	-.357
130	411	-.287	.069	-.068	-.606	130	461	-.293	.042	-.176	-.528	130	511	-.171	.049	.040	-.319
130	412	-.303	.073	-.058	-.705	130	462	-.295	.042	-.165	-.475	130	512	-.155	.049	.079	-.357
130	413	-.284	.061	-.097	-.732	130	463	-.300	.041	-.171	-.438	130	513	-.203	.054	-.030	-.481
130	414	-.267	.052	-.113	-.576	130	464	-.294	.043	-.146	-.468	130	514	-.090	.105	.353	-.697
130	415	-.266	.047	-.102	-.432	130	465	-.340	.071	-.102	-.707	130	515	-.497	.173	-.173	-1.199
130	416	-.346	.063	-.155	-.634	130	466	-.347	.069	-.047	-.713	130	516	-.409	.179	-.061	-1.374
130	417	-.333	.058	-.139	-.597	130	467	-.358	.057	-.178	-.657	130	801	-.341	.061	-.197	-.694
130	418	-.324	.061	-.090	-.558	130	468	-.356	.054	-.171	-.569	130	802	-.460	.136	-.034	-1.076
130	419	-.269	.050	-.088	-.524	130	469	-.358	.058	-.141	-.707	130	803	-.315	.046	-.184	-.531
130	420	-.263	.052	-.104	-.647	130	470	-.354	.057	-.216	-.666	130	804	-.342	.065	-.155	-.779
130	421	-.310	.081	-.109	-.946	130	471	-.352	.050	-.227	-.531	130	805	-.329	.035	-.246	-.492
130	422	-.298	.059	-.139	-.645	130	472	-.333	.050	-.195	-.602	130	806	-.282	.024	-.205	-.363
130	423	-.282	.050	-.129	-.537	130	473	-.332	.053	-.189	-.567	130	807	-.411	.103	-.115	-.893
130	424	-.278	.042	-.143	-.423	130	474	-.345	.050	-.204	-.548	130	901	-.388	.110	.018	-.893
130	425	-.319	.054	-.139	-.533	130	475	-.330	.051	-.169	-.528	130	902	-.518	.098	-.199	-.882
130	426	-.308	.054	-.143	-.565	130	476	-.342	.047	-.184	-.567	130	903	-.629	.132	-.244	-1.078
130	427	-.278	.058	-.086	-.590	130	477	-.356	.068	-.081	-.690	130	904	-.362	.118	.018	-1.032
130	428	-.271	.049	-.084	-.464	130	478	-.360	.064	-.109	-.700	130	905	-.634	.133	-.244	-1.117

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	906	-.355	.093	-.028	-.794	140	107	-.226	.044	-.075	-.408	140	157	-.306	.106	-.027	-1.247
130	907	-.376	.103	-.094	-.866	140	108	-.228	.043	-.084	-.437	140	158	-.265	.085	.015	-.675
130	908	-.200	.193	.452	-.693	140	109	-.231	.047	-.102	-.476	140	159	-.266	.116	.000	-.922
130	909	-.327	.058	-.185	-.583	140	110	-.240	.047	-.087	-.534	140	160	-.267	.130	.028	-1.120
130	910	-.337	.064	-.195	-.787	140	111	-.244	.053	-.053	-.534	140	161	-.280	.101	.038	-1.296
130	911	-.127	.077	.261	-.508	140	112	-.236	.055	-.076	-.556	140	162	-.274	.103	.057	-.972
130	912	-.074	.103	.198	-.641	140	113	-.254	.064	-.058	-.624	140	163	-.277	.071	-.113	-.784
130	913	-.268	.067	-.024	-.716	140	114	-.282	.074	-.027	-.739	140	164	-.280	.071	-.121	-.608
130	914	-.292	.076	.014	-.655	140	115	-.291	.062	-.114	-.638	140	165	-.270	.098	-.002	-.937
130	915	-.248	.079	.109	-.536	140	116	-.239	.040	-.096	-.401	140	166	-.277	.115	-.022	-1.019
130	916	-.310	.099	-.004	-.776	140	117	-.242	.043	-.120	-.420	140	167	-.274	.117	-.005	-1.138
130	917	-.269	.058	-.083	-.573	140	118	-.256	.048	-.103	-.522	140	168	-.238	.113	.087	-.890
130	918	-.259	.055	-.067	-.500	140	119	-.254	.052	-.111	-.519	140	169	-.252	.138	.067	-.846
130	919	-.274	.052	-.089	-.520	140	120	-.275	.052	-.094	-.519	140	170	-.275	.074	-.116	-.705
130	920	-.299	.063	-.041	-.545	140	121	-.303	.055	-.136	-.597	140	171	-.276	.075	-.099	-.645
130	921	-.127	.128	.258	-.569	140	122	-.231	.040	-.087	-.388	140	172	-.258	.106	.087	-1.284
130	922	-.323	.065	-.133	-.614	140	123	-.235	.041	-.109	-.410	140	173	-.266	.122	.077	-1.130
130	923	-.310	.058	-.111	-.580	140	124	-.242	.041	-.128	-.442	140	174	-.255	.114	-.019	-1.093
130	924	-.284	.083	-.027	-.810	140	125	-.240	.042	-.129	-.401	140	175	-.216	.108	.169	-.868
130	925	-.291	.072	-.058	-.646	140	126	-.247	.040	-.127	-.427	140	176	-.235	.142	.164	-.930
130	926	-.292	.063	-.085	-.597	140	127	-.255	.042	-.122	-.429	140	177	-.257	.171	.180	-1.496
130	927	-.285	.052	-.126	-.566	140	128	-.264	.044	-.122	-.448	140	201	.375	.145	.903	-.145
130	928	-.277	.050	-.086	-.480	140	129	-.270	.054	-.091	-.497	140	202	.332	.133	.846	-.065
130	929	-.305	.078	-.048	-.764	140	130	-.232	.039	-.099	-.357	140	203	.154	.102	.558	-.178
130	930	-.285	.053	-.058	-.542	140	131	-.235	.040	-.097	-.425	140	204	-.017	.075	.286	-.269
130	931	-.276	.051	-.104	-.602	140	132	-.243	.039	-.128	-.412	140	205	-.149	.056	.067	-.360
130	932	-.288	.044	-.138	-.454	140	133	-.247	.041	-.115	-.398	140	206	-.229	.048	-.081	-.406
130	933	-.275	.046	-.126	-.462	140	134	-.249	.040	-.146	-.448	140	207	-.224	.038	-.094	-.360
130	934	-.312	.075	-.120	-.685	140	135	-.267	.046	-.127	-.481	140	208	-.236	.045	-.079	-.455
130	935	-.340	.081	-.158	-.748	140	136	-.269	.053	-.110	-.634	140	209	.462	.154	.881	-.012
130	936	-.324	.065	-.188	-.969	140	137	-.287	.060	-.089	-.688	140	210	.468	.151	.902	-.041
130	937	-.314	.048	-.195	-.510	140	138	-.236	.049	-.009	-.510	140	211	.293	.119	.669	-.043
130	938	-.389	.076	-.188	-.859	140	139	-.240	.050	-.079	-.443	140	212	.101	.088	.467	-.147
130	939	.021	.101	.513	-.231	140	140	-.244	.048	-.128	-.538	140	213	-.098	.068	.156	-.293
130	940	-.238	.095	.137	-.648	140	141	-.262	.059	-.141	-.852	140	214	-.210	.052	.005	-.406
130	941	-.335	.059	-.158	-.821	140	142	-.276	.059	-.127	-.684	140	215	-.259	.044	-.119	-.417
130	942	-.338	.053	-.175	-.631	140	143	-.279	.063	-.084	-.684	140	216	-.233	.043	-.090	-.382
130	943	-.284	.059	-.044	-.508	140	144	-.293	.077	-.087	-.881	140	217	.276	.141	.826	-.119
130	944	-.169	.040	.021	-.309	140	145	-.313	.080	-.070	-.819	140	218	-.007	.076	.286	-.205
130	945	-.323	.085	-.013	-.770	140	146	-.290	.064	-.141	-.640	140	219	-.072	.061	.200	-.262
130	946	-.353	.068	-.178	-.789	140	147	-.286	.063	-.155	-.561	140	220	.453	.153	.963	-.099
130	947	-.281	.054	-.076	-.519	140	148	-.289	.072	-.136	-.754	140	221	.444	.142	.947	.052
130	948	-.265	.051	-.110	-.479	140	149	-.293	.070	-.146	-.623	140	222	.332	.132	.757	-.092
130	949	-.253	.059	-.085	-.526	140	150	-.314	.080	-.170	-.833	140	223	.092	.098	.432	-.156
140	101	-.238	.054	-.024	-.437	140	151	-.316	.073	-.136	-.673	140	224	-.106	.074	.187	-.375
140	102	-.241	.059	-.012	-.519	140	152	-.322	.068	-.168	-.769	140	225	-.229	.055	-.023	-.426
140	103	-.228	.055	-.060	-.483	140	153	-.339	.094	-.009	-1.088	140	226	-.246	.040	-.125	-.419
140	104	-.262	.067	-.075	-.711	140	154	-.276	.070	-.111	-.685	140	227	-.239	.041	-.112	-.413
140	105	-.276	.077	-.065	-.614	140	155	-.287	.085	-.029	-.742	140	228	.328	.150	.810	-.205
140	106	-.285	.087	-.034	-.755	140	156	-.284	.078	-.059	-.917	140	229	.313	.146	.823	-.227

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	230	.247	.115	.660	-.116	140	280	-.264	.069	-.128	-.692	140	336	.170	.184	.747	-.379
140	231	.080	.093	.423	-.167	140	281	-.278	.072	-.117	-.752	140	337	.138	.175	.752	-.534
140	232	-.092	.074	.138	-.371	140	282	.022	.043	.226	-.087	140	338	-.206	.050	.049	-.387
140	233	-.221	.062	-.032	-.461	140	283	.074	.058	.408	-.052	140	339	-.111	.054	.191	-.278
140	234	-.243	.044	-.075	-.432	140	284	.147	.080	.507	-.022	140	340	-.027	.062	.333	-.197
140	235	-.239	.043	-.075	-.392	140	285	.160	.088	.657	-.022	140	341	.035	.073	.393	-.214
140	236	.180	.125	.719	-.450	140	286	.134	.080	.470	-.188	140	342	.091	.104	.479	-.369
140	237	.175	.111	.670	-.340	140	287	.166	.084	.519	-.034	140	343	.112	.131	.568	-.342
140	238	.141	.099	.569	-.140	140	288	.150	.087	.521	-.055	140	344	.056	.134	.502	-.563
140	239	.040	.083	.341	-.216	140	289	.009	.067	.357	-.209	140	345	.027	.129	.556	-.440
140	240	-.090	.070	.218	-.331	140	290	.012	.061	.247	-.172	140	346	-.073	.058	.217	-.264
140	241	-.196	.058	.015	-.428	140	291	-.014	.059	.247	-.188	140	347	-.030	.064	.210	-.219
140	242	-.232	.051	-.077	-.437	140	292	-.081	.050	.150	-.271	140	348	-.002	.068	.325	-.222
140	243	-.240	.052	-.097	-.637	140	293	-.267	.073	-.094	-.649	140	349	-.003	.073	.313	-.302
140	244	.053	.071	.451	-.269	140	294	-.274	.083	-.039	-.759	140	350	.103	.087	.543	-.136
140	245	.059	.073	.382	-.207	140	301	-.303	.073	-.061	-.588	140	351	.088	.087	.453	-.212
140	246	.037	.066	.436	-.196	140	302	-.242	.066	-.022	-.521	140	352	.058	.071	.458	-.329
140	247	-.004	.067	.312	-.216	140	303	-.168	.064	.066	-.435	140	353	.050	.071	.325	-.435
140	248	-.089	.058	.157	-.275	140	304	-.215	.077	.074	-.531	140	354	-.185	.086	.097	-.661
140	249	-.164	.054	.063	-.358	140	305	-.158	.150	.185	-.773	140	355	-.122	.072	.225	-.487
140	250	-.221	.051	-.059	-.460	140	306	-.191	.192	.406	-.797	140	356	-.097	.067	.170	-.407
140	251	-.240	.051	-.104	-.464	140	307	-.293	.068	.005	-.529	140	357	-.143	.095	.265	-.608
140	252	.067	.080	.393	-.374	140	308	-.341	.075	-.096	-.598	140	358	-.149	.121	.303	-.851
140	253	.053	.079	.400	-.259	140	309	-.121	.066	.185	-.397	140	359	-.124	.096	.265	-.620
140	254	-.094	.055	.105	-.347	140	310	-.049	.067	.188	-.275	140	360	.069	.077	.486	-.437
140	255	-.255	.060	-.075	-.531	140	311	.078	.085	.495	-.295	140	361	-.083	.068	.175	-.410
140	256	.002	.066	.434	-.257	140	312	.171	.132	.760	-.627	140	362	-.127	.083	.252	-.465
140	257	.059	.072	.418	-.246	140	313	.074	.199	.538	-.637	140	363	-.202	.062	-.023	-.492
140	258	.110	.094	.634	-.275	140	314	.028	.195	.666	-.595	140	364	-.071	.043	.127	-.367
140	259	.114	.075	.447	-.068	140	315	-.307	.054	-.138	-.534	140	365	-.058	.043	.165	-.322
140	260	.090	.075	.463	-.178	140	316	-.307	.055	-.151	-.593	140	366	-.056	.052	.202	-.372
140	261	.099	.068	.398	-.126	140	317	-.127	.057	.172	-.337	140	367	-.098	.057	.124	-.447
140	262	.102	.070	.404	-.045	140	318	-.025	.053	.221	-.202	140	368	.141	.084	.498	-.026
140	263	.065	.063	.321	-.129	140	319	.069	.072	.373	-.161	140	369	.116	.075	.473	-.074
140	264	-.027	.051	.285	-.171	140	320	.260	.117	.697	-.531	140	370	-.187	.070	.032	-.523
140	265	-.133	.047	.074	-.327	140	321	-.291	.051	-.140	-.487	140	371	-.108	.036	.084	-.302
140	266	-.191	.052	-.041	-.502	140	322	-.140	.047	.024	-.293	140	372	-.076	.041	.079	-.345
140	267	-.230	.054	-.077	-.509	140	323	-.048	.059	.186	-.242	140	373	-.027	.041	.162	-.199
140	268	-.279	.071	-.124	-.736	140	324	.031	.068	.279	-.187	140	374	-.039	.045	.164	-.406
140	269	-.286	.077	-.081	-.709	140	325	.143	.089	.510	-.146	140	375	-.036	.052	.270	-.236
140	270	.081	.068	.476	-.156	140	326	.288	.116	.720	-.184	140	376	-.067	.049	.214	-.388
140	271	.084	.066	.506	-.081	140	327	.377	.163	.947	-.460	140	377	.154	.104	.823	-.029
140	272	.060	.057	.301	-.113	140	328	.187	.184	.681	-.452	140	378	.134	.092	.647	-.130
140	273	-.053	.059	.171	-.291	140	329	.195	.194	.915	-.445	140	401	-.310	.099	-.039	-.941
140	274	-.076	.047	.123	-.205	140	330	-.169	.046	.054	-.359	140	402	-.303	.086	-.075	-.860
140	275	-.150	.046	.009	-.340	140	331	-.061	.059	.178	-.250	140	403	-.295	.072	-.080	-.681
140	276	-.026	.046	.184	-.201	140	332	.041	.074	.353	-.146	140	404	-.280	.064	-.098	-.538
140	277	.031	.054	.269	-.124	140	333	.127	.086	.464	-.116	140	405	-.396	.130	-.089	-.923
140	278	.104	.069	.517	-.084	140	334	.207	.119	.566	-.288	140	406	-.416	.147	-.133	-1.068
140	279	.136	.086	.593	-.048	140	335	.261	.170	.725	-.514	140	407	-.291	.089	-.078	-.883

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	408	-.284	.079	-.036	-.900	140	458	-.328	.058	-.130	-.601	140	508	-.166	.075	.156	-.461
140	409	-.251	.054	-.064	-.543	140	459	-.331	.052	-.178	-.526	140	509	-.093	.073	.224	-.418
140	410	-.318	.097	-.080	-1.077	140	460	-.312	.050	-.148	-.554	140	510	-.139	.050	.175	-.328
140	411	-.301	.080	-.073	-.854	140	461	-.300	.047	-.176	-.504	140	511	-.148	.043	.032	-.362
140	412	-.296	.074	-.117	-.794	140	462	-.299	.047	-.161	-.569	140	512	-.128	.041	.066	-.314
140	413	-.287	.061	-.121	-.665	140	463	-.297	.050	-.124	-.545	140	513	-.162	.046	-.002	-.360
140	414	-.269	.060	-.110	-.750	140	464	-.305	.051	-.143	-.465	140	514	-.102	.076	.257	-.561
140	415	-.273	.054	-.133	-.508	140	465	-.360	.103	-.053	-.817	140	515	-.320	.120	-.055	-1.067
140	416	-.364	.072	-.147	-.685	140	466	-.351	.094	-.081	-.861	140	516	-.315	.164	-.048	-1.292
140	417	-.355	.071	-.154	-.628	140	467	-.357	.070	-.122	-.737	140	801	-.303	.053	-.186	-.612
140	418	-.362	.070	-.161	-.674	140	468	-.354	.066	-.165	-.670	140	802	-.469	.127	-.117	-1.203
140	419	-.287	.067	-.126	-.649	140	469	-.352	.066	-.193	-.627	140	803	-.291	.048	-.171	-.545
140	420	-.269	.061	-.094	-.554	140	470	-.364	.062	-.208	-.703	140	804	-.306	.073	-.161	-.781
140	421	-.322	.087	-.101	-.849	140	471	-.362	.066	-.169	-.686	140	805	-.312	.042	-.210	-.476
140	422	-.295	.059	-.121	-.681	140	472	-.345	.061	-.178	-.632	140	806	-.264	.022	-.202	-.344
140	423	-.284	.059	-.131	-.768	140	473	-.334	.061	-.169	-.590	140	807	-.488	.116	-.137	-.962
140	424	-.285	.049	-.131	-.499	140	474	-.351	.061	-.163	-.612	140	901	-.315	.095	.083	-.713
140	425	-.344	.067	-.156	-.658	140	475	-.334	.059	-.158	-.562	140	902	-.507	.101	-.127	-.846
140	426	-.334	.065	-.154	-.637	140	476	-.346	.057	-.192	-.625	140	903	-.781	.165	-.245	-1.366
140	427	-.307	.079	-.085	-.725	140	477	-.340	.093	.006	-.800	140	904	-.267	.090	.083	-.654
140	428	-.298	.070	-.089	-.628	140	478	-.344	.086	-.036	-.826	140	905	-.744	.157	-.282	-1.313
140	429	-.276	.059	-.075	-.575	140	479	-.354	.080	-.184	-.832	140	906	-.347	.077	-.114	-.685
140	430	-.334	.082	-.138	-.757	140	480	-.360	.079	-.171	-.836	140	907	-.227	.063	-.074	-.559
140	431	-.323	.078	-.135	-.899	140	481	-.378	.079	-.194	-.976	140	908	.163	.150	.600	-.402
140	432	-.297	.055	-.143	-.670	140	482	-.315	.092	-.042	-.826	140	909	-.291	.051	-.161	-.563
140	433	-.288	.053	-.130	-.578	140	483	-.354	.080	-.161	-.801	140	910	-.311	.064	-.164	-.762
140	434	-.274	.048	-.111	-.489	140	484	-.374	.077	-.212	-.796	140	911	-.041	.112	.720	-.449
140	435	-.273	.046	-.122	-.478	140	485	-.330	.083	-.114	-.925	140	912	.018	.079	.388	-.365
140	436	-.302	.052	-.152	-.517	140	486	-.326	.079	-.145	-.992	140	913	-.259	.065	.035	-.686
140	437	-.272	.046	-.130	-.454	140	487	-.213	.075	.035	-.493	140	914	-.359	.083	-.055	-.711
140	438	-.270	.044	-.122	-.433	140	488	-.210	.062	-.011	-.481	140	915	-.255	.090	.180	-.567
140	439	-.307	.064	-.139	-.653	140	489	-.244	.062	-.060	-.546	140	916	-.225	.066	-.037	-.618
140	440	-.285	.051	-.104	-.498	140	490	-.264	.062	-.060	-.522	140	917	-.289	.072	-.096	-.734
140	441	-.296	.047	-.139	-.482	140	491	-.225	.049	-.067	-.411	140	918	-.273	.066	-.032	-.648
140	442	-.274	.046	-.135	-.465	140	492	-.216	.049	-.073	-.450	140	919	-.276	.049	-.091	-.499
140	443	-.327	.089	-.100	-.895	140	493	-.295	.071	-.112	-.654	140	920	-.304	.066	-.054	-.609
140	444	-.312	.070	-.126	-.703	140	494	-.392	.113	-.171	-1.203	140	921	-.006	.107	.392	-.424
140	445	-.305	.054	-.171	-.578	140	495	-.391	.128	-.127	-1.237	140	922	-.353	.072	-.118	-.627
140	446	-.305	.052	-.182	-.673	140	496	-.360	.107	-.143	-1.056	140	923	-.341	.071	-.133	-.665
140	447	-.306	.050	-.156	-.547	140	497	-.201	.086	.069	-.566	140	924	-.309	.086	-.060	-.798
140	448	-.298	.043	-.158	-.437	140	498	-.167	.066	.061	-.506	140	925	-.298	.066	-.109	-.578
140	449	-.285	.045	-.161	-.452	140	499	-.205	.072	.012	-.495	140	926	-.345	.087	-.136	-.774
140	450	-.274	.041	-.156	-.444	140	500	-.227	.060	-.052	-.589	140	927	-.316	.067	-.146	-.743
140	451	-.277	.042	-.128	-.444	140	501	-.233	.058	-.050	-.581	140	928	-.300	.060	-.101	-.686
140	452	-.281	.048	-.156	-.459	140	502	-.254	.066	-.101	-.581	140	929	-.323	.079	-.111	-.859
140	453	-.264	.043	-.128	-.489	140	503	-.343	.114	.020	-.865	140	930	-.301	.060	-.148	-.670
140	454	-.267	.044	-.115	-.474	140	504	-.306	.108	-.050	-.914	140	931	-.286	.054	-.063	-.522
140	455	-.347	.096	-.033	-.800	140	505	-.395	.140	-.117	-1.177	140	932	-.306	.059	-.151	-.511
140	456	-.337	.079	-.128	-.966	140	506	-.352	.109	-.135	-.956	140	933	-.292	.051	-.126	-.630
140	457	-.327	.054	-.141	-.627	140	507	-.178	.083	.082	-.512	140	934	-.281	.073	-.125	-.841

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	935	-.305	.076	-.052	-.769	150	136	-.275	.053	-.124	-.515	150	209	.379	.159	.785	-.284
140	936	-.287	.055	-.164	-.791	150	137	-.291	.065	-.076	-.577	150	210	.355	.141	.873	-.240
140	937	-.278	.047	-.154	-.488	150	138	-.224	.046	-.063	-.379	150	211	.150	.100	.589	-.127
140	938	-.391	.092	-.115	-.984	150	139	-.232	.048	-.052	-.447	150	212	-.052	.071	.238	-.286
140	939	.090	.124	.732	-.215	150	140	-.223	.048	-.097	-.501	150	213	-.216	.058	.017	-.423
140	940	-.174	.082	.139	-.474	150	141	-.238	.042	-.092	-.395	150	214	-.269	.048	-.114	-.478
140	941	-.302	.065	-.084	-.890	150	142	-.258	.056	-.112	-.505	150	215	-.262	.049	-.118	-.447
140	942	-.340	.073	-.154	-.725	150	143	-.273	.061	.001	-.815	150	216	-.223	.047	-.061	-.449
140	943	-.211	.067	.105	-.437	150	144	-.293	.065	-.047	-.738	150	217	.049	.113	.516	-.277
140	944	-.118	.041	.071	-.297	150	145	-.312	.070	-.104	-.680	150	218	-.142	.059	.083	-.343
140	945	-.282	.086	-.013	-.773	150	146	-.264	.066	-.098	-.578	150	219	-.171	.052	.023	-.350
140	946	-.314	.082	-.101	-.684	150	147	-.262	.061	-.122	-.560	150	220	.367	.189	.969	-.312
140	947	-.224	.058	-.021	-.520	150	148	-.264	.071	-.110	-.671	150	221	.332	.168	.858	-.721
140	948	-.199	.044	-.028	-.398	150	149	-.280	.069	-.103	-.609	150	222	.150	.105	.529	-.131
140	949	-.187	.051	-.030	-.392	150	150	-.301	.076	-.108	-.814	150	223	-.076	.081	.271	-.330
150	101	-.212	.055	-.004	-.465	150	151	-.303	.082	-.100	-.905	150	224	-.253	.069	-.012	-.509
150	102	-.212	.052	-.041	-.468	150	152	-.307	.075	-.147	-.821	150	225	-.291	.050	-.138	-.465
150	103	-.204	.051	-.031	-.392	150	153	-.302	.084	-.122	-.956	150	226	-.240	.043	-.085	-.438
150	104	-.246	.060	-.063	-.524	150	154	-.256	.066	-.078	-.565	150	227	-.221	.040	-.085	-.398
150	105	-.269	.076	-.007	-.649	150	155	-.273	.074	-.041	-.678	150	228	.251	.194	.818	-.602
150	106	-.275	.083	-.034	-.681	150	156	-.259	.082	-.083	-.740	150	229	.245	.149	.732	-.427
150	107	-.208	.047	-.070	-.448	150	157	-.260	.105	.025	-1.020	150	230	.135	.099	.511	-.178
150	108	-.201	.044	-.068	-.388	150	158	-.200	.078	.013	-.553	150	231	-.070	.077	.220	-.315
150	109	-.215	.046	-.080	-.416	150	159	-.214	.098	.037	-1.005	150	232	-.232	.076	.001	-.544
150	110	-.225	.048	-.102	-.421	150	160	-.211	.094	.010	-.730	150	233	-.283	.057	-.065	-.524
150	111	-.229	.058	-.066	-.616	150	161	-.249	.077	-.014	-.715	150	234	-.240	.044	-.108	-.438
150	112	-.225	.056	-.056	-.565	150	162	-.238	.094	.005	-.974	150	235	-.235	.045	-.085	-.409
150	113	-.250	.063	-.078	-.598	150	163	-.252	.069	-.083	-.570	150	236	.114	.162	.658	-.671
150	114	-.265	.071	-.041	-.605	150	164	-.257	.069	-.108	-.597	150	237	.117	.151	.642	-.613
150	115	-.292	.060	-.122	-.548	150	165	-.234	.072	-.029	-.688	150	238	.062	.095	.496	-.308
150	116	-.229	.043	-.102	-.474	150	166	-.228	.110	-.019	-1.101	150	239	-.058	.070	.301	-.379
150	117	-.232	.045	-.080	-.474	150	167	-.225	.110	.072	-1.131	150	240	-.185	.068	.065	-.501
150	118	-.250	.051	-.085	-.455	150	168	-.188	.080	.028	-.745	150	241	-.232	.062	.016	-.507
150	119	-.257	.058	-.041	-.548	150	169	-.199	.095	.015	-.661	150	242	-.236	.051	-.085	-.454
150	120	-.275	.061	-.090	-.619	150	170	-.253	.070	-.093	-.587	150	243	-.220	.048	-.090	-.422
150	121	-.320	.063	-.139	-.801	150	171	-.257	.072	-.083	-.651	150	244	-.008	.101	.386	-.624
150	122	-.223	.044	-.056	-.423	150	172	-.222	.094	.084	-.892	150	245	-.003	.091	.325	-.552
150	123	-.221	.040	-.080	-.374	150	173	-.234	.120	.052	-1.254	150	246	.002	.070	.373	-.267
150	124	-.225	.041	-.115	-.396	150	174	-.211	.104	.015	-.801	150	247	-.061	.058	.215	-.278
150	125	-.231	.039	-.114	-.426	150	175	-.152	.078	.074	-.686	150	248	-.138	.050	.022	-.366
150	126	-.237	.042	-.064	-.419	150	176	-.197	.107	.126	-.664	150	249	-.195	.056	.011	-.501
150	127	-.246	.046	-.112	-.455	150	177	-.186	.112	.082	-1.447	150	250	-.223	.051	-.075	-.444
150	128	-.260	.055	-.088	-.577	150	201	.323	.149	.774	-.509	150	251	-.231	.054	-.052	-.456
150	129	-.274	.059	-.088	-.580	150	202	.220	.129	.653	-.136	150	252	.004	.099	.408	-.485
150	130	-.225	.043	-.068	-.448	150	203	.053	.091	.317	-.262	150	253	.020	.067	.305	-.258
150	131	-.226	.040	-.061	-.382	150	204	-.134	.056	.096	-.310	150	254	-.138	.051	.031	-.355
150	132	-.231	.039	-.117	-.428	150	205	-.236	.049	.034	-.421	150	255	-.234	.054	-.074	-.494
150	133	-.239	.041	-.059	-.467	150	206	-.263	.044	-.096	-.454	150	256	-.026	.069	.278	-.561
150	134	-.240	.042	-.107	-.440	150	207	-.220	.040	-.100	-.395	150	257	.007	.079	.285	-.436
150	135	-.254	.047	-.059	-.488	150	208	-.215	.047	-.074	-.394	150	258	.030	.108	.494	-.454

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	259	.105	.086	.496	-.353	150	315	-.324	.067	-.117	-.581	150	365	-.039	.040	.154	-.227
150	260	.033	.083	.332	-.584	150	316	-.326	.070	-.013	-.841	150	366	-.031	.044	.217	-.212
150	261	.056	.081	.512	-.310	150	317	-.063	.071	.174	-.352	150	367	-.070	.063	.192	-.362
150	262	.062	.058	.319	-.168	150	318	.058	.069	.302	-.132	150	368	.183	.102	.571	-.093
150	263	.007	.050	.195	-.213	150	319	.180	.097	.486	-.122	150	369	.141	.081	.549	-.050
150	264	-.074	.043	.076	-.326	150	320	.367	.126	.869	-.125	150	370	-.125	.047	.079	-.337
150	265	-.178	.044	-.030	-.402	150	321	-.312	.059	-.139	-.583	150	371	-.067	.038	.157	-.197
150	266	-.200	.050	-.056	-.487	150	322	-.077	.057	.174	-.250	150	372	-.048	.049	.207	-.335
150	267	-.220	.059	-.076	-.537	150	323	.025	.073	.305	-.176	150	373	-.011	.040	.238	-.128
150	268	-.247	.070	-.088	-.638	150	324	.145	.091	.445	-.145	150	374	-.020	.038	.251	-.233
150	269	-.275	.084	-.083	-.804	150	325	.259	.107	.601	-.005	150	375	-.005	.049	.236	-.177
150	270	.050	.069	.352	-.296	150	326	.378	.128	.818	-.022	150	376	-.037	.048	.228	-.192
150	271	.056	.062	.346	-.166	150	327	.459	.143	.976	-.037	150	377	.198	.109	.809	-.008
150	272	.003	.050	.251	-.157	150	328	.454	.143	.894	-.094	150	378	.219	.117	.786	-.015
150	273	-.109	.050	.056	-.312	150	329	.450	.162	.966	-.203	150	401	-.298	.095	-.065	-.729
150	274	-.118	.040	.034	-.290	150	330	-.095	.060	.182	-.332	150	402	-.297	.089	-.039	-.729
150	275	-.168	.048	-.018	-.409	150	331	.038	.081	.376	-.240	150	403	-.301	.082	-.044	-.800
150	276	-.016	.055	.312	-.229	150	332	.146	.097	.573	-.120	150	404	-.291	.076	-.062	-.662
150	277	.028	.056	.307	-.162	150	333	.229	.112	.744	-.040	150	405	-.445	.135	-.074	-.938
150	278	.095	.081	.509	-.247	150	334	.313	.127	.736	-.022	150	406	-.500	.174	-.124	-1.112
150	279	.172	.091	.568	-.126	150	335	.371	.133	.894	-.042	150	407	-.303	.102	-.058	-.901
150	280	-.235	.062	-.074	-.692	150	336	.349	.143	.807	-.278	150	408	-.286	.083	-.033	-.720
150	281	-.267	.080	-.104	-.680	150	337	.347	.154	.881	-.285	150	409	-.262	.069	-.030	-.609
150	282	.033	.042	.209	-.095	150	338	-.150	.062	.108	-.388	150	410	-.326	.102	-.115	-.910
150	283	.089	.059	.450	-.049	150	339	-.028	.072	.266	-.275	150	411	-.300	.078	-.072	-.761
150	284	.182	.091	.677	-.005	150	340	.069	.081	.471	-.153	150	412	-.303	.076	-.088	-.846
150	285	.190	.095	.606	-.019	150	341	.136	.100	.468	-.107	150	413	-.304	.086	-.081	-.848
150	286	.095	.084	.473	-.384	150	342	.169	.102	.568	-.074	150	414	-.288	.074	-.067	-.664
150	287	.107	.079	.473	-.226	150	343	.203	.116	.710	-.072	150	415	-.299	.077	-.118	-.823
150	288	.095	.071	.409	-.060	150	344	.174	.127	.737	-.377	150	416	-.401	.081	-.166	-.717
150	289	-.056	.057	.174	-.272	150	345	.157	.141	.641	-.308	150	417	-.398	.080	-.170	-.736
150	290	-.045	.048	.202	-.239	150	346	-.031	.067	.217	-.405	150	418	-.392	.077	-.136	-.690
150	291	-.076	.048	.121	-.283	150	347	.019	.074	.334	-.235	150	419	-.291	.080	-.074	-.658
150	292	-.104	.049	.080	-.281	150	348	.054	.070	.344	-.180	150	420	-.277	.075	-.060	-.798
150	293	-.244	.070	-.088	-.759	150	349	.071	.077	.409	-.163	150	421	-.321	.089	-.085	-.782
150	294	-.257	.093	-.069	-1.004	150	350	.170	.087	.653	-.085	150	422	-.298	.062	-.088	-.575
150	301	-.253	.078	.005	-.529	150	351	.128	.084	.461	-.108	150	423	-.295	.069	-.088	-.779
150	302	-.187	.077	.052	-.467	150	352	.069	.062	.379	-.217	150	424	-.292	.057	-.101	-.520
150	303	-.097	.084	.246	-.464	150	353	.056	.064	.361	-.160	150	425	-.370	.075	-.138	-.724
150	304	-.163	.089	.162	-.437	150	354	-.109	.083	.207	-.524	150	426	-.349	.073	-.150	-.669
150	305	.038	.104	.386	-.342	150	355	-.073	.073	.307	-.597	150	427	-.321	.090	-.069	-.788
150	306	.180	.163	.656	-.692	150	356	-.062	.070	.244	-.454	150	428	-.317	.082	-.090	-.710
150	307	-.285	.077	.077	-.670	150	357	-.099	.088	.229	-.542	150	429	-.293	.070	-.104	-.667
150	308	-.315	.086	-.010	-.630	150	358	-.125	.131	.406	-.861	150	430	-.335	.088	-.124	-.890
150	309	-.062	.081	.274	-.357	150	359	-.101	.114	.344	-.711	150	431	-.330	.082	-.057	-.782
150	310	.022	.082	.325	-.240	150	360	.067	.061	.314	-.110	150	432	-.302	.075	-.077	-1.404
150	311	.121	.096	.445	-.153	150	361	-.046	.058	.179	-.365	150	433	-.306	.068	-.099	-.690
150	312	.233	.135	.824	-.174	150	362	-.072	.080	.282	-.547	150	434	-.285	.059	-.084	-.587
150	313	.335	.142	.750	-.663	150	363	-.125	.056	.129	-.360	150	435	-.287	.058	-.106	-.546
150	314	.351	.180	.906	-.318	150	364	-.046	.051	.247	-.250	150	436	-.325	.062	-.155	-.548

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	437	-.300	.058	-.112	-.524	150	487	-.186	.070	.015	-.533	150	914	-.332	.099	.098	-.733
150	438	-.294	.054	-.138	-.554	150	488	-.171	.056	.020	-.403	150	915	-.291	.077	.015	-.560
150	439	-.311	.076	-.103	-.748	150	489	-.201	.054	-.023	-.406	150	916	-.232	.063	.028	-.666
150	440	-.294	.062	-.073	-.608	150	490	-.186	.050	-.030	-.430	150	917	-.288	.080	-.061	-.736
150	441	-.314	.051	-.142	-.513	150	491	-.175	.038	-.057	-.343	150	918	-.270	.072	-.061	-.666
150	442	-.286	.050	-.125	-.462	150	492	-.174	.038	-.054	-.392	150	919	-.257	.050	-.095	-.463
150	443	-.368	.109	-.099	-.930	150	493	-.229	.068	-.082	-.817	150	920	-.314	.081	-.019	-.675
150	444	-.331	.081	-.127	-.779	150	494	-.289	.099	-.072	-.822	150	921	-.084	.109	.304	-.463
150	445	-.323	.067	-.121	-.660	150	495	-.294	.106	-.028	-.947	150	922	-.361	.069	-.158	-.610
150	446	-.317	.060	-.155	-.582	150	496	-.268	.082	-.100	-.819	150	923	-.360	.071	-.127	-.682
150	447	-.310	.058	-.118	-.595	150	497	-.168	.067	.036	-.420	150	924	-.321	.105	-.031	-.767
150	448	-.302	.053	-.151	-.539	150	498	-.148	.050	.028	-.346	150	925	-.301	.071	-.097	-.627
150	449	-.294	.052	-.149	-.515	150	499	-.188	.061	-.023	-.458	150	926	-.364	.092	-.132	-.759
150	450	-.278	.045	-.114	-.509	150	500	-.181	.048	-.059	-.425	150	927	-.320	.072	-.064	-.707
150	451	-.285	.048	-.138	-.479	150	501	-.179	.045	-.056	-.374	150	928	-.307	.070	-.090	-.796
150	452	-.287	.054	-.144	-.608	150	502	-.194	.052	-.066	-.489	150	929	-.315	.081	-.078	-.811
150	453	-.265	.046	-.099	-.449	150	503	-.238	.083	-.064	-.730	150	930	-.311	.069	-.132	-.642
150	454	-.264	.046	-.093	-.442	150	504	-.217	.084	-.031	-.648	150	931	-.294	.060	-.088	-.524
150	455	-.371	.097	-.084	-.766	150	505	-.250	.079	-.084	-.684	150	932	-.318	.058	-.143	-.613
150	456	-.366	.092	-.134	-.949	150	506	-.246	.070	-.082	-.655	150	933	-.299	.057	-.135	-.582
150	457	-.331	.060	-.181	-.589	150	507	-.160	.068	.080	-.435	150	934	-.249	.067	-.107	-.620
150	458	-.338	.059	-.164	-.613	150	508	-.141	.052	.044	-.367	150	935	-.234	.069	-.062	-.586
150	459	-.337	.058	-.168	-.623	150	509	-.093	.046	.143	-.314	150	936	-.253	.052	-.124	-.492
150	460	-.317	.057	-.149	-.608	150	510	-.125	.037	.032	-.285	150	937	-.252	.052	-.083	-.458
150	461	-.304	.051	-.149	-.526	150	511	-.128	.034	.030	-.285	150	938	-.324	.096	-.078	-.930
150	462	-.306	.053	-.093	-.537	150	512	-.112	.033	.080	-.256	150	939	.172	.129	.727	-.182
150	463	-.309	.053	-.149	-.487	150	513	-.137	.035	.018	-.283	150	940	-.122	.079	.143	-.677
150	464	-.302	.051	-.144	-.494	150	514	-.105	.053	.136	-.336	150	941	-.269	.062	-.059	-.908
150	465	-.355	.106	-.097	-.938	150	515	-.226	.085	-.040	-.810	150	942	-.286	.079	-.042	-.651
150	466	-.353	.103	-.077	-.912	150	516	-.233	.101	-.045	-.932	150	943	-.135	.075	.205	-.439
150	467	-.362	.081	-.136	-.718	150	801	-.284	.063	-.125	-.620	150	944	-.092	.050	.092	-.317
150	468	-.365	.083	-.166	-.856	150	802	-.473	.128	-.130	-1.111	150	945	-.222	.077	.007	-.559
150	469	-.364	.082	-.129	-.755	150	803	-.273	.051	-.100	-.479	150	946	-.232	.066	-.038	-.574
150	470	-.370	.084	-.164	-.811	150	804	-.292	.072	-.121	-.661	150	947	-.160	.047	.035	-.360
150	471	-.352	.080	-.159	-1.296	150	805	-.293	.043	-.177	-.430	150	948	-.152	.044	.061	-.353
150	472	-.338	.074	-.136	-1.217	150	806	-.230	.025	-.148	-.320	150	949	-.145	.046	-.006	-.323
150	473	-.339	.075	-.155	-.744	150	807	-.500	.129	-.171	-1.196	160	101	-.194	.055	-.046	-.455
150	474	-.361	.073	-.188	-.757	150	901	-.222	.073	.015	-.611	160	102	-.182	.053	-.007	-.377
150	475	-.336	.070	-.149	-.736	150	902	-.463	.097	-.109	-.776	160	103	-.182	.053	-.028	-.382
150	476	-.348	.067	-.161	-.809	150	903	-.829	.179	-.248	-1.439	160	104	-.224	.062	.040	-.462
150	477	-.308	.092	-.047	-.867	150	904	-.181	.072	.160	-.509	160	105	-.246	.075	.001	-.533
150	478	-.312	.086	-.092	-.770	150	905	-.815	.185	-.299	-1.516	160	106	-.250	.079	-.046	-.635
150	479	-.311	.095	-.074	-.896	150	906	-.330	.068	-.122	-.644	160	107	-.188	.051	-.041	-.440
150	480	-.317	.092	-.093	-.860	150	907	-.203	.033	-.045	-.350	160	108	-.184	.048	-.046	-.388
150	481	-.359	.093	-.156	-.888	150	908	.042	.154	.470	-.619	160	109	-.190	.047	-.048	-.377
150	482	-.275	.119	.044	-.927	150	909	-.264	.058	-.112	-.567	160	110	-.200	.048	-.049	-.413
150	483	-.334	.102	-.074	-.901	150	910	-.294	.067	-.131	-.838	160	111	-.216	.060	-.037	-.623
150	484	-.347	.090	-.130	-.804	150	911	.140	.164	.838	-.418	160	112	-.203	.056	-.021	-.533
150	485	-.343	.118	.021	-1.554	150	912	.086	.072	.453	-.153	160	113	-.236	.064	-.031	-.669
150	486	-.345	.113	-.043	-1.068	150	913	-.258	.066	-.061	-.764	160	114	-.236	.064	-.048	-.638

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	115	-.267	.063	-.041	-.513	160	165	-.197	.067	-.004	-.538	160	238	-.084	.104	.278	-.759
160	116	-.198	.045	-.056	-.344	160	166	-.164	.070	.042	-.706	160	239	-.167	.075	.117	-.480
160	117	-.212	.051	-.061	-.449	160	167	-.152	.062	.030	-.564	160	240	-.248	.076	-.008	-.534
160	118	-.228	.056	-.034	-.516	160	168	-.120	.048	.010	-.369	160	241	-.272	.068	-.082	-.525
160	119	-.226	.060	-.056	-.550	160	169	-.141	.067	.030	-.393	160	242	-.219	.051	-.064	-.433
160	120	-.267	.066	-.004	-.525	160	170	-.201	.061	-.065	-.579	160	243	-.199	.049	-.066	-.417
160	121	-.291	.065	-.007	-.618	160	171	-.193	.059	-.036	-.525	160	244	-.198	.136	.328	-.927
160	122	-.194	.048	-.043	-.384	160	172	-.175	.066	.030	-.545	160	245	-.168	.131	.278	-.688
160	123	-.200	.045	-.048	-.435	160	173	-.161	.079	.020	-.753	160	246	-.121	.095	.182	-.697
160	124	-.199	.044	-.055	-.425	160	174	-.152	.075	.040	-.873	160	247	-.137	.059	.068	-.487
160	125	-.205	.044	-.063	-.387	160	175	-.098	.047	.133	-.403	160	248	-.172	.052	-.015	-.390
160	126	-.211	.043	-.089	-.385	160	176	-.138	.073	.067	-.467	160	249	-.214	.056	-.022	-.428
160	127	-.223	.051	-.075	-.492	160	177	-.134	.074	.060	-.620	160	250	-.205	.048	-.062	-.481
160	128	-.235	.054	-.037	-.516	160	201	.005	.247	.663	-1.079	160	251	-.192	.047	-.051	-.458
160	129	-.249	.064	-.048	-.626	160	202	.062	.125	.534	-.863	160	252	-.173	.128	.260	-.773
160	130	-.200	.043	-.070	-.374	160	203	-.082	.076	.256	-.324	160	253	-.066	.065	.202	-.692
160	131	-.198	.044	-.072	-.389	160	204	-.208	.044	-.045	-.377	160	254	-.178	.051	.003	-.413
160	132	-.202	.043	-.082	-.374	160	205	-.275	.042	-.106	-.423	160	255	-.204	.057	-.053	-.556
160	133	-.203	.043	-.077	-.378	160	206	-.278	.047	-.153	-.463	160	256	-.028	.063	.372	-.361
160	134	-.214	.045	-.077	-.416	160	207	-.214	.052	-.052	-.496	160	257	-.028	.081	.321	-.661
160	135	-.218	.045	-.082	-.380	160	208	-.216	.058	-.038	-.489	160	258	-.057	.097	.303	-.522
160	136	-.237	.051	-.056	-.437	160	209	-.006	.266	.727	-.821	160	259	-.003	.110	.560	-.444
160	137	-.256	.064	-.054	-.518	160	210	.083	.222	.586	-.977	160	260	-.113	.110	.256	-.786
160	138	-.190	.048	-.036	-.418	160	211	-.033	.083	.261	-.276	160	261	-.121	.117	.298	-.625
160	139	-.196	.047	-.063	-.394	160	212	-.182	.057	.008	-.381	160	262	-.040	.090	.276	-.643
160	140	-.206	.050	-.075	-.426	160	213	-.315	.054	-.131	-.507	160	263	-.053	.051	.139	-.395
160	141	-.210	.045	-.056	-.399	160	214	-.291	.050	-.137	-.553	160	264	-.128	.044	.028	-.361
160	142	-.218	.051	-.077	-.435	160	215	-.244	.058	-.071	-.480	160	265	-.190	.047	-.072	-.434
160	143	-.239	.062	-.080	-.561	160	216	-.214	.054	-.043	-.443	160	266	-.190	.054	-.042	-.603
160	144	-.251	.065	-.011	-.552	160	217	-.145	.088	.193	-.414	160	267	-.195	.055	-.039	-.569
160	145	-.266	.074	-.037	-.616	160	218	-.262	.055	-.091	-.452	160	268	-.203	.062	-.024	-.677
160	146	-.209	.051	-.070	-.445	160	219	-.240	.045	-.047	-.421	160	269	-.227	.081	.119	-.757
160	147	-.206	.049	-.073	-.476	160	220	-.088	.283	.705	-1.184	160	270	-.081	.102	.260	-.773
160	148	-.210	.051	-.085	-.454	160	221	-.057	.291	.602	-1.026	160	271	-.030	.079	.247	-.531
160	149	-.228	.052	-.109	-.489	160	222	-.032	.081	.300	-.254	160	272	-.059	.046	.155	-.335
160	150	-.267	.076	-.087	-.638	160	223	-.244	.079	.039	-.524	160	273	-.157	.050	-.006	-.355
160	151	-.253	.064	-.119	-.569	160	224	-.352	.069	-.148	-.606	160	274	-.143	.043	.001	-.301
160	152	-.255	.069	-.100	-.789	160	225	-.333	.066	-.148	-.590	160	275	-.165	.050	-.001	-.379
160	153	-.258	.073	-.075	-.951	160	226	-.249	.057	-.073	-.456	160	276	-.002	.054	.238	-.203
160	154	-.213	.052	-.075	-.456	160	227	-.217	.054	-.008	-.417	160	277	-.003	.059	.274	-.283
160	155	-.214	.064	-.041	-.667	160	228	-.152	.283	.672	-1.442	160	278	.009	.084	.365	-.462
160	156	-.210	.065	-.007	-.672	160	229	-.102	.286	.558	-1.008	160	279	.084	.098	.560	-.196
160	157	-.176	.059	.010	-.596	160	230	-.051	.096	.248	-.938	160	280	-.186	.061	-.032	-.578
160	158	-.126	.051	.025	-.545	160	231	-.230	.082	.028	-.617	160	281	-.214	.071	-.070	-.573
160	159	-.137	.067	.047	-.604	160	232	-.331	.080	-.065	-.615	160	282	.037	.038	.231	-.102
160	160	-.127	.058	.030	-.464	160	233	-.315	.069	-.133	-.586	160	283	.064	.048	.307	-.082
160	161	-.203	.063	-.036	-.508	160	234	-.236	.057	-.064	-.462	160	284	.152	.083	.462	-.054
160	162	-.189	.068	.008	-.672	160	235	-.213	.050	-.035	-.420	160	285	.147	.088	.682	-.057
160	163	-.195	.052	-.058	-.572	160	236	-.219	.262	.544	-1.227	160	286	-.002	.093	.286	-.507
160	164	-.191	.056	-.043	-.457	160	237	-.188	.267	.470	-1.392	160	287	.033	.075	.327	-.436

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	288	-.003	.059	.254	-.210	160	344	.199	.123	.719	-.186	160	416	-.394	.094	-.064	-.811
160	289	-.134	.067	.092	-.493	160	345	.164	.126	.724	-.184	160	417	-.397	.093	-.123	-.782
160	290	-.110	.051	.101	-.322	160	346	-.015	.077	.266	-.327	160	418	-.393	.090	-.105	-.848
160	291	-.111	.045	.062	-.276	160	347	.039	.076	.358	-.292	160	419	-.264	.079	-.009	-.818
160	292	-.117	.044	.142	-.295	160	348	.076	.077	.420	-.295	160	420	-.251	.073	-.045	-.608
160	293	-.191	.057	-.009	-.633	160	349	.114	.078	.437	-.111	160	421	-.300	.099	-.034	-1.024
160	294	-.217	.089	-.038	-.804	160	350	.145	.072	.459	-.052	160	422	-.293	.076	-.009	-.729
160	301	-.163	.085	.149	-.473	160	351	.095	.076	.447	-.119	160	423	-.303	.083	-.066	-.731
160	302	-.097	.094	.243	-.507	160	352	.035	.070	.353	-.191	160	424	-.300	.075	-.093	-.761
160	303	-.011	.091	.292	-.413	160	353	-.008	.065	.286	-.223	160	425	-.378	.087	-.080	-.743
160	304	-.063	.101	.270	-.399	160	354	-.010	.067	.310	-.317	160	426	-.345	.077	-.114	-.644
160	305	.122	.116	.511	-.270	160	355	.034	.079	.467	-.282	160	427	-.310	.105	-.038	-.960
160	306	.277	.135	.699	-.125	160	356	.045	.084	.390	-.394	160	428	-.288	.087	-.011	-.777
160	307	-.248	.094	.090	-.630	160	357	.026	.103	.467	-.374	160	429	-.273	.073	.003	-.624
160	308	-.238	.113	.294	-.682	160	358	.011	.105	.462	-.627	160	430	-.333	.114	-.027	-.960
160	309	.020	.098	.417	-.322	160	359	.009	.090	.415	-.550	160	431	-.332	.101	.004	-.895
160	310	.096	.097	.431	-.273	160	360	-.003	.060	.363	-.188	160	432	-.310	.095	.051	-.977
160	311	.207	.113	.568	-.115	160	361	.012	.065	.350	-.287	160	433	-.295	.078	-.076	-.689
160	312	.260	.128	.864	-.120	160	362	.011	.070	.437	-.307	160	434	-.291	.071	-.001	-.667
160	313	.445	.143	.928	.035	160	363	-.058	.050	.167	-.230	160	435	-.309	.074	-.014	-.609
160	314	.458	.153	.906	-.051	160	364	.026	.063	.444	-.171	160	436	-.342	.074	-.132	-.648
160	315	-.333	.079	-.108	-.690	160	365	.027	.056	.313	-.134	160	437	-.328	.075	-.100	-.697
160	316	-.322	.079	.010	-.600	160	366	.028	.060	.315	-.129	160	438	-.321	.068	-.115	-.622
160	317	.019	.093	.323	-.332	160	367	.009	.056	.258	-.245	160	439	-.299	.091	-.042	-.915
160	318	.149	.087	.461	-.141	160	368	.143	.089	.551	-.181	160	440	-.259	.064	.010	-.517
160	319	.256	.107	.588	-.060	160	369	.089	.068	.437	-.099	160	441	-.318	.064	-.151	-.622
160	320	.410	.131	.860	.032	160	370	-.065	.044	.157	-.359	160	442	-.307	.068	-.102	-.616
160	321	-.329	.072	-.100	-.608	160	371	.005	.052	.296	-.134	160	443	-.349	.119	-.037	-1.018
160	322	-.008	.073	.263	-.265	160	372	.035	.063	.472	-.183	160	444	-.321	.096	.021	-.792
160	323	.113	.091	.489	-.148	160	373	.041	.056	.317	-.091	160	445	-.315	.075	-.061	-.678
160	324	.216	.102	.647	-.060	160	374	.031	.060	.381	-.094	160	446	-.304	.076	-.080	-.738
160	325	.338	.118	.751	.032	160	375	.044	.057	.363	-.073	160	447	-.315	.079	-.035	-.783
160	326	.438	.137	.814	.009	160	376	.034	.055	.338	-.140	160	448	-.305	.072	-.059	-.723
160	327	.481	.142	.980	.060	160	377	.200	.105	.672	-.025	160	449	-.293	.069	-.046	-.663
160	328	.478	.139	.980	.070	160	378	.256	.131	.838	-.012	160	450	-.289	.062	-.100	-.614
160	329	.437	.143	.894	.040	160	401	-.278	.091	-.036	-.740	160	451	-.282	.062	-.074	-.519
160	330	-.020	.069	.263	-.283	160	402	-.278	.094	-.021	-.729	160	452	-.301	.067	-.087	-.618
160	331	.129	.090	.601	-.141	160	403	-.288	.083	-.029	-.811	160	453	-.278	.058	-.108	-.553
160	332	.242	.111	.698	-.052	160	404	-.312	.089	-.045	-.859	160	454	-.268	.056	-.098	-.530
160	333	.319	.122	.759	.014	160	405	-.423	.113	-.118	-.839	160	455	-.357	.109	-.057	-.850
160	334	.350	.131	.774	.004	160	406	-.519	.167	-.130	-1.239	160	456	-.337	.102	-.037	-.721
160	335	.409	.135	.869	.058	160	407	-.280	.098	.003	-.800	160	457	-.326	.071	-.055	-.708
160	336	.370	.142	.859	-.043	160	408	-.259	.079	-.022	-.660	160	458	-.324	.075	-.057	-.689
160	337	.321	.141	.793	-.093	160	409	-.241	.072	-.011	-.525	160	459	-.328	.075	-.080	-.691
160	338	-.072	.083	.243	-.382	160	410	-.296	.099	.030	-.907	160	460	-.324	.072	-.121	-.728
160	339	.060	.088	.418	-.204	160	411	-.284	.077	.094	-.576	160	461	-.303	.062	-.141	-.588
160	340	.151	.100	.537	-.100	160	412	-.305	.088	-.013	-.830	160	462	-.295	.062	-.111	-.648
160	341	.198	.108	.746	-.065	160	413	-.303	.091	-.075	-.878	160	463	-.291	.058	-.102	-.579
160	342	.237	.118	.695	-.131	160	414	-.349	.106	-.022	-.859	160	464	-.291	.057	-.108	-.545
160	343	.243	.116	.647	-.031	160	415	-.359	.105	-.116	-1.061	160	465	-.314	.108	-.003	-1.048

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	466	-.309	.100	-.005	-.829	160	516	-.176	.079	.003	-.815	160	943	-.135	.064	.202	-.358
160	467	-.324	.091	-.048	-.734	160	801	-.249	.057	-.094	-.474	160	944	-.069	.044	.125	-.274
160	468	-.328	.095	-.014	-.874	160	802	-.462	.148	-.099	-1.179	160	945	-.141	.053	.053	-.401
160	469	-.342	.093	-.033	-.738	160	803	-.228	.050	-.055	-.469	160	946	-.163	.043	-.030	-.477
160	470	-.352	.099	-.091	-.820	160	804	-.251	.061	-.101	-.553	160	947	-.141	.039	.037	-.281
160	471	-.358	.100	-.126	-.846	160	805	-.232	.047	-.114	-.400	160	948	-.125	.038	.006	-.291
160	472	-.343	.092	-.022	-.751	160	806	-.199	.029	-.104	-.288	160	949	-.131	.064	.031	-.522
160	473	-.353	.090	-.055	-.751	160	807	-.484	.130	-.169	-1.325	170	101	-.156	.042	-.019	-.351
160	474	-.363	.093	-.121	-.930	160	901	-.149	.083	.206	-.370	170	102	-.153	.044	-.024	-.329
160	475	-.345	.086	-.149	-.921	160	902	-.312	.084	-.102	-.711	170	103	-.149	.043	.000	-.368
160	476	-.362	.084	-.139	-.829	160	903	-.801	.192	-.210	-1.420	170	104	-.185	.060	.022	-.436
160	477	-.240	.084	-.046	-.932	160	904	-.058	.117	.459	-.357	170	105	-.194	.067	.025	-.573
160	478	-.242	.080	-.013	-.820	160	905	-.867	.197	-.307	-1.514	170	106	-.197	.066	.044	-.563
160	479	-.240	.076	-.055	-.747	160	906	-.299	.059	-.104	-.511	170	107	-.156	.044	-.017	-.368
160	480	-.251	.086	-.029	-.728	160	907	-.202	.041	-.008	-.379	170	108	-.156	.043	-.007	-.338
160	481	-.316	.090	-.112	-.808	160	908	-.206	.178	.294	-.788	170	109	-.155	.041	.000	-.324
160	482	-.237	.119	.138	-.732	160	909	-.216	.051	-.073	-.434	170	110	-.164	.044	-.027	-.345
160	483	-.308	.111	-.015	-.969	160	910	-.253	.060	-.097	-.623	170	111	-.163	.046	-.020	-.414
160	484	-.338	.102	-.038	-.867	160	911	.309	.170	1.141	-.226	170	112	-.166	.052	-.002	-.621
160	485	-.360	.143	-.012	-1.306	160	912	.094	.074	.376	-.164	170	113	-.182	.054	.000	-.466
160	486	-.376	.153	-.048	-1.306	160	913	-.228	.059	-.013	-.463	170	114	-.201	.066	.020	-.550
160	487	-.123	.045	.032	-.310	160	914	-.237	.124	.156	-.748	170	115	-.206	.062	-.009	-.453
160	488	-.118	.041	.027	-.320	160	915	-.242	.076	.124	-.498	170	116	-.155	.036	-.029	-.321
160	489	-.145	.036	-.002	-.291	160	916	-.283	.069	-.056	-.621	170	117	-.167	.039	-.041	-.371
160	490	-.139	.034	.010	-.274	160	917	-.271	.081	-.023	-.668	170	118	-.178	.047	-.012	-.359
160	491	-.134	.031	.032	-.267	160	918	-.245	.067	-.025	-.685	170	119	-.186	.056	-.024	-.464
160	492	-.139	.038	.085	-.283	160	919	-.227	.052	-.050	-.459	170	120	-.220	.074	.042	-.643
160	493	-.192	.058	-.035	-.492	160	920	-.322	.085	-.062	-.678	170	121	-.228	.081	.071	-.600
160	494	-.195	.075	-.007	-.581	160	921	-.214	.097	.135	-.670	170	122	-.150	.038	-.012	-.334
160	495	-.182	.075	.006	-.740	160	922	-.327	.075	-.054	-.657	170	123	-.150	.040	-.014	-.334
160	496	-.206	.067	-.022	-.553	160	923	-.348	.075	-.060	-.725	170	124	-.152	.034	-.046	-.336
160	497	-.120	.054	.036	-.329	160	924	-.290	.092	.042	-.766	170	125	-.154	.035	-.012	-.328
160	498	-.100	.037	.021	-.262	160	925	-.309	.077	-.094	-.652	170	126	-.160	.036	-.051	-.337
160	499	-.145	.042	-.020	-.342	160	926	-.364	.089	-.072	-.757	170	127	-.174	.045	-.024	-.330
160	500	-.127	.033	.016	-.244	160	927	-.288	.082	.001	-.692	170	128	-.184	.057	-.000	-.454
160	501	-.130	.038	.003	-.321	160	928	-.268	.067	-.006	-.552	170	129	-.203	.069	-.007	-.528
160	502	-.122	.044	.036	-.354	160	929	-.289	.087	-.031	-.701	170	130	-.143	.036	-.039	-.285
160	503	-.138	.059	.057	-.441	160	930	-.300	.073	-.099	-.657	170	131	-.146	.037	-.024	-.339
160	504	-.134	.067	.041	-.556	160	931	-.296	.070	-.048	-.642	170	132	-.148	.034	-.053	-.305
160	505	-.193	.070	.013	-.599	160	932	-.333	.069	-.103	-.649	170	133	-.152	.033	-.041	-.311
160	506	-.181	.052	-.012	-.415	160	933	-.326	.073	-.054	-.748	170	134	-.153	.035	-.048	-.304
160	507	-.117	.050	.044	-.382	160	934	-.192	.055	-.064	-.475	170	135	-.166	.044	-.039	-.376
160	508	-.114	.039	.051	-.248	160	935	-.157	.051	.010	-.427	170	136	-.172	.052	-.027	-.404
160	509	-.066	.035	.087	-.190	160	936	-.191	.042	-.085	-.370	170	137	-.190	.063	-.000	-.466
160	510	-.089	.027	.010	-.200	160	937	-.183	.046	-.047	-.377	170	138	-.139	.035	-.031	-.326
160	511	-.091	.027	.025	-.195	160	938	-.266	.094	.022	-.748	170	139	-.145	.041	-.045	-.404
160	512	-.073	.032	.058	-.202	160	939	.175	.128	.869	-.138	170	140	-.142	.036	-.038	-.310
160	513	-.091	.032	.037	-.195	160	940	-.018	.089	.316	-.434	170	141	-.148	.035	-.065	-.345
160	514	-.089	.051	.089	-.384	160	941	-.192	.055	-.023	-.465	170	142	-.155	.039	-.036	-.376
160	515	-.161	.067	-.006	-.604	160	942	-.220	.061	.001	-.559	170	143	-.161	.046	-.036	-.402

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	144	-.164	.048	-.010	-.352	170	217	-.308	.067	-.074	-.557	170	267	-.127	.043	.009	-.333
170	145	-.172	.059	-.010	-.505	170	218	-.331	.061	-.134	-.530	170	268	-.123	.038	-.018	-.392
170	146	-.140	.038	-.031	-.368	170	219	-.267	.051	-.131	-.515	170	269	-.142	.049	.023	-.462
170	147	-.138	.037	-.031	-.336	170	220	-.598	.234	.254	-1.736	170	270	-.282	.130	.079	-1.086
170	148	-.137	.032	-.029	-.272	170	221	-.587	.292	.285	-1.579	170	271	-.157	.079	.106	-.629
170	149	-.161	.036	-.078	-.307	170	222	-.250	.143	.028	-1.262	170	272	-.125	.045	.041	-.304
170	150	-.190	.052	-.061	-.415	170	223	-.354	.076	-.123	-.590	170	273	-.169	.047	-.065	-.439
170	151	-.185	.054	-.061	-.449	170	224	-.406	.082	-.189	-.697	170	274	-.139	.041	.009	-.318
170	152	-.174	.045	-.071	-.385	170	225	-.325	.066	-.085	-.515	170	275	-.115	.037	.030	-.268
170	153	-.170	.049	-.024	-.380	170	226	-.202	.050	-.047	-.373	170	276	.031	.058	.307	-.171
170	154	-.135	.035	-.023	-.745	170	227	-.161	.042	-.036	-.380	170	277	.024	.064	.305	-.300
170	155	-.145	.035	-.034	-.338	170	228	-.597	.236	.225	-1.794	170	278	.017	.071	.381	-.293
170	156	-.139	.034	-.046	-.292	170	229	-.573	.251	.230	-1.718	170	279	.054	.077	.422	-.194
170	157	-.115	.035	.013	-.292	170	230	-.270	.152	.106	-1.213	170	280	-.111	.038	.002	-.305
170	158	-.093	.032	.008	-.265	170	231	-.346	.084	-.096	-.643	170	281	-.133	.045	-.037	-.376
170	159	-.099	.037	.018	-.307	170	232	-.362	.084	-.156	-.734	170	282	.062	.056	.329	-.155
170	160	-.090	.036	.010	-.289	170	233	-.291	.070	-.089	-.537	170	283	.053	.053	.286	-.072
170	161	-.136	.036	-.026	-.287	170	234	-.191	.054	-.034	-.424	170	284	.080	.059	.382	-.063
170	162	-.119	.032	.052	-.250	170	235	-.160	.043	-.018	-.333	170	285	.119	.091	.551	-.088
170	163	-.126	.034	-.029	-.277	170	236	-.579	.227	.462	-1.544	170	286	-.186	.122	.136	-.890
170	164	-.131	.035	-.034	-.284	170	237	-.525	.238	.253	-1.533	170	287	-.092	.057	.138	-.376
170	165	-.126	.036	.003	-.324	170	238	-.247	.133	.099	-.996	170	288	-.099	.042	.101	-.249
170	166	-.099	.031	.003	-.282	170	239	-.250	.073	-.018	-.584	170	289	-.201	.065	.074	-.517
170	167	-.102	.032	.013	-.275	170	240	-.283	.075	-.061	-.579	170	290	-.148	.041	.011	-.339
170	168	-.095	.033	.008	-.262	170	241	-.230	.060	-.043	-.442	170	291	-.121	.036	.011	-.353
170	169	-.102	.042	.010	-.299	170	242	-.165	.046	-.029	-.349	170	292	-.096	.031	.039	-.245
170	170	-.125	.036	.005	-.456	170	243	-.150	.045	-.027	-.406	170	293	-.113	.041	.034	-.367
170	171	-.127	.036	.010	-.343	170	244	-.430	.165	.006	-1.509	170	294	-.138	.058	-.021	-.558
170	172	-.121	.037	-.007	-.321	170	245	-.369	.155	.018	-1.199	170	301	-.090	.099	.283	-.465
170	173	-.100	.034	.050	-.240	170	246	-.208	.098	.057	-.768	170	302	-.007	.107	.484	-.389
170	174	-.092	.031	.025	-.280	170	247	-.183	.056	.002	-.424	170	303	.071	.102	.454	-.414
170	175	-.088	.031	.030	-.331	170	248	-.193	.053	-.045	-.457	170	304	.020	.105	.498	-.344
170	176	-.106	.045	.001	-.358	170	249	-.169	.049	.039	-.381	170	305	.175	.124	.596	-.360
170	177	-.101	.041	.046	-.303	170	250	-.145	.041	.001	-.313	170	306	.271	.137	.728	-.255
170	201	-.574	.307	.350	-1.752	170	251	-.136	.038	-.025	-.320	170	307	-.200	.124	.157	-.772
170	202	-.301	.299	.259	-1.291	170	252	-.371	.145	-.002	-1.052	170	308	-.086	.187	.607	-.616
170	203	-.219	.057	.004	-.422	170	253	-.154	.067	.020	-.723	170	309	.111	.116	.544	-.271
170	204	-.264	.043	-.114	-.404	170	254	-.164	.043	.018	-.394	170	310	.168	.112	.589	-.249
170	205	-.300	.048	-.151	-.468	170	255	-.131	.043	.002	-.363	170	311	.257	.124	.724	-.119
170	206	-.300	.080	-.131	-.759	170	256	-.001	.057	.372	-.261	170	312	.291	.134	.778	-.095
170	207	-.231	.070	-.059	-.545	170	257	.009	.068	.291	-.320	170	313	.417	.153	.901	-.053
170	208	-.205	.058	-.047	-.451	170	258	-.010	.088	.392	-.388	170	314	.401	.156	.874	-.147
170	209	-.570	.244	.212	-1.324	170	259	.003	.096	.507	-.367	170	315	-.373	.116	.051	-.742
170	210	-.475	.340	.494	-1.504	170	260	-.302	.127	-.004	-.938	170	316	-.328	.127	.170	-.839
170	211	-.202	.063	.068	-.448	170	261	-.302	.130	.036	-1.285	170	317	.073	.107	.432	-.328
170	212	-.296	.057	-.098	-.482	170	262	-.185	.097	.063	-.865	170	318	.216	.105	.569	-.089
170	213	-.340	.057	-.169	-.539	170	263	-.139	.056	.088	-.421	170	319	.333	.122	.816	-.025
170	214	-.290	.058	-.147	-.504	170	264	-.158	.045	.011	-.374	170	320	.449	.141	.875	.021
170	215	-.203	.051	-.074	-.431	170	265	-.166	.046	-.009	-.440	170	321	-.363	.104	-.035	-.767
170	216	-.172	.048	.006	-.400	170	266	-.131	.045	.020	-.385	170	322	.044	.101	.406	-.300

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	323	.158	.108	.582	-.188	170	373	.070	.054	.343	-.049	170	445	-.256	.104	.101	-.816
170	324	.276	.126	.740	-.058	170	374	.056	.055	.428	-.075	170	446	-.273	.104	.047	-.779
170	325	.401	.138	.992	.018	170	375	.077	.061	.384	-.047	170	447	-.281	.107	.092	-.796
170	326	.461	.148	1.043	.046	170	376	.079	.059	.335	-.111	170	448	-.306	.103	.101	-.731
170	327	.449	.150	.891	.012	170	377	.190	.113	.756	-.090	170	449	-.339	.110	-.031	-.861
170	328	.400	.152	.988	-.035	170	378	.219	.115	.738	-.052	170	450	-.353	.111	-.040	-1.524
170	329	.289	.153	.854	-.295	170	401	-.205	.079	.080	-.687	170	451	-.334	.096	-.023	-.740
170	330	.002	.091	.357	-.265	170	402	-.203	.080	.101	-.584	170	452	-.369	.104	-.036	-.950
170	331	.144	.108	.551	-.145	170	403	-.257	.089	.025	-.634	170	453	-.334	.091	-.057	-.798
170	332	.255	.120	.719	-.007	170	404	-.354	.104	.101	-.837	170	454	-.336	.090	-.101	-.775
170	333	.307	.123	.773	.011	170	405	-.446	.103	-.136	-.943	170	455	-.239	.130	.094	-.859
170	334	.352	.138	.956	.029	170	406	-.586	.139	-.157	-1.165	170	456	-.237	.123	.036	-.829
170	335	.351	.139	.879	-.011	170	407	-.210	.083	.057	-.667	170	457	-.261	.102	.096	-.697
170	336	.296	.147	.773	-.122	170	408	-.190	.069	.062	-.531	170	458	-.279	.105	.103	-.801
170	337	.174	.146	.746	-.409	170	409	-.185	.066	.110	-.521	170	459	-.315	.113	.047	-.783
170	338	-.068	.077	.342	-.382	170	410	-.233	.104	.037	-.796	170	460	-.354	.113	.036	-1.035
170	339	.064	.083	.426	-.201	170	411	-.224	.081	.067	-.616	170	461	-.367	.114	.068	-1.024
170	340	.146	.088	.668	-.114	170	412	-.276	.098	.140	-.773	170	462	-.351	.101	-.010	-.887
170	341	.203	.097	.602	-.050	170	413	-.321	.097	.106	-.745	170	463	-.347	.095	-.099	-.857
170	342	.219	.104	.635	-.022	170	414	-.358	.163	-.074	-1.199	170	464	-.337	.092	-.086	-.718
170	343	.221	.102	.746	-.072	170	415	-.645	.187	-.093	-1.464	170	465	-.186	.108	.044	-1.130
170	344	.187	.128	.721	-.152	170	416	-.392	.134	.060	-.828	170	466	-.186	.102	.083	-.963
170	345	.083	.117	.704	-.297	170	417	-.397	.122	.034	-.870	170	467	-.207	.108	.088	-.621
170	346	-.044	.082	.240	-.527	170	418	-.386	.113	-.049	-.890	170	468	-.221	.115	.120	-.714
170	347	.033	.077	.444	-.326	170	419	-.204	.077	.048	-.745	170	469	-.243	.117	.086	-.785
170	348	.078	.077	.424	-.226	170	420	-.191	.069	.099	-.521	170	470	-.290	.128	.042	-.952
170	349	.110	.077	.444	-.131	170	421	-.236	.099	.009	-.777	170	471	-.338	.142	.062	-.948
170	350	.157	.090	.589	-.111	170	422	-.279	.093	-.003	-.733	170	472	-.385	.143	.122	-1.150
170	351	.127	.095	.569	-.099	170	423	-.325	.092	-.012	-.683	170	473	-.375	.134	.016	-1.180
170	352	.049	.087	.472	-.311	170	424	-.454	.159	-.083	-1.225	170	474	-.404	.143	-.005	-1.381
170	353	-.026	.078	.365	-.281	170	425	-.361	.110	.196	-.867	170	475	-.393	.135	-.083	-1.368
170	354	-.003	.049	.280	-.248	170	426	-.337	.101	.016	-.708	170	476	-.436	.123	-.090	-1.068
170	355	.032	.059	.467	-.276	170	427	-.230	.103	.057	-.706	170	477	-.146	.064	-.001	-.725
170	356	.056	.066	.367	-.293	170	428	-.219	.087	.071	-.678	170	478	-.140	.064	-.000	-.639
170	357	.075	.089	.539	-.378	170	429	-.214	.075	.108	-.586	170	479	-.160	.079	.007	-.883
170	358	.068	.093	.519	-.395	170	430	-.282	.128	.037	-1.024	170	480	-.159	.077	.150	-.761
170	359	.080	.097	.589	-.223	170	431	-.269	.111	.053	-.892	170	481	-.216	.088	-.055	-.701
170	360	-.022	.075	.434	-.298	170	432	-.316	.123	-.016	-1.132	170	482	-.244	.149	.125	-1.124
170	361	.073	.074	.457	-.186	170	433	-.342	.114	-.021	-.933	170	483	-.310	.160	.056	-1.353
170	362	.052	.070	.424	-.146	170	434	-.361	.111	.031	-.805	170	484	-.323	.144	.028	-1.032
170	363	-.042	.040	.180	-.161	170	435	-.381	.131	-.060	-1.221	170	485	-.464	.212	.048	-1.696
170	364	.044	.055	.340	-.126	170	436	-.410	.113	-.038	-.961	170	486	-.520	.243	-.024	-1.901
170	365	.060	.063	.394	-.091	170	437	-.389	.107	-.031	-.829	170	487	-.088	.028	.003	-.240
170	366	.064	.065	.459	-.106	170	438	-.397	.105	-.021	-.998	170	488	-.083	.026	.018	-.182
170	367	.057	.066	.442	-.164	170	439	-.223	.093	.051	-.649	170	489	-.109	.028	.010	-.285
170	368	.133	.091	.504	-.276	170	440	-.199	.068	.064	-.463	170	490	-.104	.029	.022	-.204
170	369	.050	.064	.522	-.181	170	441	-.371	.096	-.094	-.807	170	491	-.103	.031	.001	-.225
170	370	-.039	.036	.158	-.191	170	442	-.378	.098	.012	-.827	170	492	-.103	.037	.048	-.247
170	371	.013	.040	.235	-.094	170	443	-.241	.119	.075	-.803	170	493	-.117	.053	.033	-.314
170	372	.034	.054	.300	-.181	170	444	-.224	.110	.151	-.814	170	494	-.138	.070	.115	-.506

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	495	-.145	.067	.048	-.406	170	922	-.237	.106	.352	-.749	180	123	-.145	.031	-.048	-.294
170	496	-.146	.060	.063	-.370	170	923	-.336	.093	.090	-.647	180	124	-.139	.025	-.058	-.235
170	497	-.091	.030	.012	-.224	170	924	-.221	.086	.093	-.653	180	125	-.143	.024	-.063	-.235
170	498	-.082	.029	.040	-.203	170	925	-.322	.084	-.017	-.675	180	126	-.143	.026	-.059	-.276
170	499	-.102	.029	.007	-.327	170	926	-.390	.082	-.151	-.712	180	127	-.148	.034	-.013	-.326
170	500	-.096	.036	.102	-.247	170	927	-.228	.092	.045	-.674	180	128	-.152	.041	.006	-.371
170	501	-.090	.039	.051	-.247	170	928	-.208	.068	.047	-.483	180	129	-.144	.041	-.021	-.425
170	502	-.092	.043	.025	-.298	170	929	-.241	.095	.010	-.700	180	130	-.145	.033	-.036	-.267
170	503	-.100	.051	.040	-.393	170	930	-.306	.086	.015	-.641	180	131	-.140	.031	-.046	-.323
170	504	-.105	.061	.043	-.516	170	931	-.390	.106	-.051	-.814	180	132	-.139	.024	-.055	-.243
170	505	-.137	.061	.076	-.403	170	932	-.372	.101	.054	-.792	180	133	-.140	.024	-.051	-.295
170	506	-.133	.051	.035	-.391	170	933	-.379	.096	-.119	-.858	180	134	-.140	.025	-.061	-.266
170	507	-.099	.034	.007	-.249	170	934	-.122	.033	-.004	-.254	180	135	-.141	.031	-.054	-.295
170	508	-.091	.030	.022	-.232	170	935	-.106	.034	.013	-.401	180	136	-.141	.032	-.032	-.357
170	509	-.047	.033	.138	-.196	170	936	-.133	.038	-.023	-.316	180	137	-.141	.035	-.044	-.311
170	510	-.066	.028	.097	-.182	170	937	-.128	.037	.010	-.350	180	138	-.138	.030	-.046	-.282
170	511	-.059	.030	.159	-.143	170	938	-.220	.106	.119	-.725	180	139	-.138	.031	-.037	-.293
170	512	-.046	.029	.073	-.134	170	939	.097	.106	.645	-.134	180	140	-.133	.026	-.042	-.271
170	513	-.054	.030	.078	-.141	170	940	.026	.073	.352	-.391	180	141	-.136	.023	-.061	-.247
170	514	-.072	.044	.078	-.256	170	941	-.129	.039	.022	-.480	180	142	-.133	.025	-.049	-.271
170	515	-.108	.057	.068	-.391	170	942	-.160	.059	.080	-.526	180	143	-.137	.030	-.032	-.349
170	516	-.115	.058	.054	-.425	170	943	-.140	.047	.056	-.343	180	144	-.131	.028	-.054	-.273
170	801	-.178	.038	-.083	-.326	170	944	-.046	.035	.116	-.285	180	145	-.133	.030	-.035	-.316
170	802	-.459	.181	-.019	-1.488	170	945	-.093	.032	.024	-.276	180	146	-.120	.028	-.026	-.440
170	803	-.157	.043	-.011	-.388	170	946	-.123	.035	.034	-.365	180	147	-.117	.027	-.034	-.329
170	804	-.163	.040	-.062	-.342	170	947	-.111	.032	.020	-.348	180	148	-.120	.026	-.026	-.221
170	805	-.155	.035	-.085	-.298	170	948	-.092	.036	.042	-.237	180	149	-.154	.033	-.048	-.287
170	806	-.159	.040	-.065	-.291	170	949	-.106	.055	.069	-.370	180	150	-.179	.035	-.066	-.339
170	807	-.463	.163	-.088	-1.191	180	101	-.158	.036	-.048	-.321	180	151	-.160	.033	-.075	-.361
170	901	-.002	.079	.256	-.276	180	102	-.154	.037	-.041	-.343	180	152	-.149	.031	-.056	-.309
170	902	-.206	.058	-.034	-.522	180	103	-.144	.037	-.007	-.330	180	153	-.150	.033	-.058	-.287
170	903	-.740	.161	-.222	-1.337	180	104	-.166	.047	-.014	-.355	180	154	-.112	.026	-.027	-.232
170	904	.076	.098	.440	-.198	180	105	-.169	.044	-.012	-.372	180	155	-.124	.026	-.034	-.243
170	905	-.752	.173	-.278	-1.501	180	106	-.168	.043	-.019	-.394	180	156	-.112	.022	-.036	-.203
170	906	-.212	.054	-.036	-.444	180	107	-.155	.037	-.026	-.318	180	157	-.099	.026	-.016	-.228
170	907	-.211	.059	-.005	-.502	180	108	-.148	.034	-.041	-.326	180	158	-.101	.031	-.014	-.267
170	908	-.461	.144	.363	-.912	180	109	-.147	.031	-.043	-.309	180	159	-.097	.032	.006	-.216
170	909	-.150	.038	-.038	-.302	180	110	-.154	.033	-.042	-.285	180	160	-.094	.030	-.004	-.240
170	910	-.172	.042	-.079	-.446	180	111	-.149	.033	-.042	-.295	180	161	-.116	.027	-.021	-.218
170	911	.277	.135	1.015	-.155	180	112	-.148	.035	-.029	-.331	180	162	-.105	.025	.006	-.225
170	912	.079	.061	.332	-.220	180	113	-.171	.038	-.036	-.338	180	163	-.109	.027	-.024	-.218
170	913	-.187	.061	.012	-.483	180	114	-.168	.038	-.048	-.390	180	164	-.113	.026	-.016	-.248
170	914	-.128	.118	.309	-.703	180	115	-.183	.040	-.019	-.406	180	165	-.108	.025	-.029	-.223
170	915	-.178	.071	.112	-.510	180	116	-.147	.026	-.059	-.242	180	166	-.090	.024	-.014	-.189
170	916	-.385	.083	-.162	-.781	180	117	-.149	.028	-.056	-.268	180	167	-.095	.025	-.014	-.267
170	917	-.206	.073	.031	-.586	180	118	-.157	.035	-.047	-.321	180	168	-.098	.030	-.016	-.238
170	918	-.188	.058	.012	-.486	180	119	-.154	.041	-.043	-.363	180	169	-.096	.033	-.009	-.235
170	919	-.213	.054	-.031	-.432	180	120	-.194	.055	.001	-.499	180	170	-.110	.027	-.034	-.245
170	920	-.329	.084	-.010	-.679	180	121	-.187	.052	-.002	-.438	180	171	-.113	.027	-.006	-.245
170	921	-.339	.085	-.005	-.681	180	122	-.143	.032	-.021	-.313	180	172	-.107	.024	-.021	-.206

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	173	-.090	.024	.008	-.191	180	246	-.238	.122	.071	-1.299	180	302	.054	.158	.641	-.539
180	174	-.093	.024	-.009	-.213	180	247	-.172	.056	.031	-.544	180	303	.135	.120	.537	-.308
180	175	-.097	.027	-.004	-.235	180	248	-.147	.047	.004	-.466	180	304	.111	.107	.550	-.291
180	176	-.097	.032	-.014	-.240	180	249	-.119	.043	.098	-.370	180	305	.160	.123	.584	-.322
180	177	-.096	.035	.010	-.239	180	250	-.134	.037	-.012	-.357	180	306	.171	.135	.629	-.291
180	201	-1.002	.317	-.092	-2.279	180	251	-.106	.038	.082	-.292	180	307	-.095	.088	.224	-.491
180	202	-.838	.325	.074	-1.948	180	252	-.360	.140	.009	-1.205	180	308	.187	.185	.690	-.380
180	203	-.347	.100	-.097	-.890	180	253	-.172	.072	.024	-.784	180	309	.219	.133	.681	-.195
180	204	-.308	.054	-.123	-.596	180	254	-.120	.041	.026	-.357	180	310	.261	.124	.634	-.209
180	205	-.305	.078	-.099	-.912	180	255	-.106	.041	.058	-.321	180	311	.295	.120	.710	-.120
180	206	-.366	.131	-.044	-.877	180	256	-.049	.055	.211	-.375	180	312	.314	.128	.784	-.123
180	207	-.252	.072	.003	-.546	180	257	-.054	.062	.267	-.419	180	313	.380	.155	.868	-.150
180	208	-.195	.055	-.007	-.484	180	258	-.054	.073	.220	-.470	180	314	.285	.142	.934	-.414
180	209	-.869	.228	-.145	-2.049	180	259	-.060	.080	.312	-.484	180	315	-.235	.171	.402	-.779
180	210	-.938	.273	.000	-1.809	180	260	-.304	.117	-.038	-1.529	180	316	-.160	.175	.452	-.783
180	211	-.395	.159	-.075	-1.170	180	261	-.297	.128	-.040	-1.021	180	317	.192	.127	.669	-.257
180	212	-.333	.067	-.064	-.776	180	262	-.225	.132	-.025	-1.359	180	318	.297	.130	.781	-.131
180	213	-.335	.063	-.055	-.561	180	263	-.145	.053	.033	-.531	180	319	.394	.144	.837	-.034
180	214	-.262	.062	-.048	-.502	180	264	-.129	.042	.020	-.377	180	320	.457	.150	.928	-.026
180	215	-.166	.043	.033	-.346	180	265	-.135	.035	-.030	-.337	180	321	-.304	.131	.229	-.937
180	216	-.151	.038	-.007	-.327	180	266	-.100	.036	.029	-.375	180	322	.144	.119	.509	-.316
180	217	-.434	.135	-.156	-.982	180	267	-.102	.036	.075	-.228	180	323	.239	.133	.750	-.156
180	218	-.326	.064	-.138	-.526	180	268	-.095	.031	.055	-.234	180	324	.337	.141	.837	-.105
180	219	-.263	.071	-.051	-.480	180	269	-.127	.041	.031	-.370	180	325	.399	.155	.918	-.098
180	220	-.769	.193	-.217	-1.606	180	270	-.282	.132	-.007	-1.747	180	326	.436	.157	.885	-.049
180	221	-.820	.211	.153	-1.587	180	271	-.172	.073	.089	-.686	180	327	.423	.160	1.008	-.010
180	222	-.584	.270	-.037	-1.571	180	272	-.126	.038	.084	-.363	180	328	.328	.149	.801	-.168
180	223	-.378	.095	-.070	-.826	180	273	-.129	.038	.004	-.303	180	329	.141	.140	.762	-.454
180	224	-.337	.083	-.068	-.638	180	274	-.105	.035	.022	-.261	180	330	.045	.108	.479	-.331
180	225	-.235	.061	-.024	-.487	180	275	-.093	.032	.015	-.317	180	331	.163	.130	.707	-.197
180	226	-.154	.039	-.002	-.384	180	276	-.036	.048	.165	-.341	180	332	.257	.142	.824	-.070
180	227	-.135	.033	.013	-.443	180	277	-.035	.054	.216	-.455	180	333	.303	.153	.827	-.105
180	228	-.750	.238	.057	-1.736	180	278	-.043	.055	.160	-.306	180	334	.284	.145	.804	-.100
180	229	-.745	.262	-.061	-2.156	180	279	-.025	.060	.265	-.270	180	335	.294	.152	.809	-.163
180	230	-.503	.252	.022	-1.462	180	280	-.074	.031	.035	-.206	180	336	.168	.149	.624	-.276
180	231	-.331	.097	.066	-.914	180	281	-.101	.040	.035	-.368	180	337	.041	.142	.513	-.439
180	232	-.287	.077	-.035	-.557	180	282	-.022	.043	.140	-.215	180	338	-.030	.092	.324	-.428
180	233	-.208	.052	-.018	-.386	180	283	-.019	.048	.224	-.229	180	339	.062	.092	.486	-.288
180	234	-.152	.044	-.007	-.448	180	284	-.002	.048	.215	-.133	180	340	.106	.099	.588	-.250
180	235	-.139	.041	-.009	-.388	180	285	.011	.066	.477	-.174	180	341	.123	.105	.659	-.136
180	236	-.619	.240	-.114	-1.774	180	286	-.211	.095	.063	-.920	180	342	.129	.106	.669	-.148
180	237	-.581	.252	.062	-1.747	180	287	-.127	.053	.060	-.432	180	343	.105	.099	.643	-.138
180	238	-.333	.186	.080	-1.767	180	288	-.109	.039	.110	-.350	180	344	.050	.110	.601	-.303
180	239	-.240	.078	.053	-.789	180	289	-.142	.043	.003	-.432	180	345	-.053	.112	.404	-.449
180	240	-.221	.063	-.032	-.488	180	290	-.116	.037	.017	-.288	180	346	-.008	.061	.304	-.302
180	241	-.161	.051	.084	-.510	180	291	-.095	.030	.056	-.229	180	347	.024	.055	.309	-.157
180	242	-.132	.042	.031	-.332	180	292	-.085	.028	.008	-.188	180	348	.040	.059	.342	-.125
180	243	-.130	.041	.004	-.348	180	293	-.077	.032	.031	-.227	180	349	.075	.064	.399	-.102
180	244	-.445	.191	-.032	-1.614	180	294	-.098	.041	.040	-.352	180	350	.055	.067	.387	-.172
180	245	-.369	.165	-.005	-1.417	180	301	-.038	.114	.348	-.461	180	351	.007	.063	.327	-.170

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	352	-.063	.077	.247	-.319	180	424	-.618	.202	-.070	-1.236	180	474	-.249	.195	.194	-1.229
180	353	-.123	.085	.332	-.399	180	425	-.235	.135	.316	-.808	180	475	-.334	.180	.113	-1.439
180	354	-.027	.064	.279	-.419	180	426	-.197	.121	.341	-.744	180	476	-.338	.175	.275	-1.204
180	355	-.017	.057	.299	-.384	180	427	-.145	.059	.047	-.605	180	477	-.110	.027	-.024	-.253
180	356	-.006	.060	.419	-.461	180	428	-.150	.052	.035	-.396	180	478	-.098	.025	.008	-.213
180	357	.004	.075	.289	-.501	180	429	-.167	.046	.044	-.350	180	479	-.084	.026	.013	-.357
180	358	-.006	.070	.287	-.389	180	430	-.189	.070	-.010	-.892	180	480	-.083	.027	.024	-.215
180	359	-.008	.077	.374	-.367	180	431	-.173	.066	.053	-.579	180	481	-.108	.026	-.010	-.218
180	360	-.114	.081	.287	-.439	180	432	-.205	.098	.143	-.816	180	482	-.011	.062	.211	-.541
180	361	.003	.061	.329	-.484	180	433	-.249	.103	.025	-.880	180	483	-.061	.057	.137	-.428
180	362	-.009	.060	.327	-.304	180	434	-.374	.126	-.028	-.961	180	484	-.064	.057	.175	-.395
180	363	-.016	.046	.130	-.287	180	435	-.510	.197	-.088	-1.381	180	485	-.143	.167	.211	-1.286
180	364	-.002	.046	.282	-.142	180	436	-.327	.165	.304	-.919	180	486	-.232	.207	.185	-1.402
180	365	-.005	.050	.519	-.147	180	437	-.356	.138	.263	-.809	180	487	-.083	.031	.140	-.192
180	366	.007	.053	.329	-.142	180	438	-.361	.128	.162	-.820	180	488	-.056	.033	.116	-.166
180	367	-.005	.055	.257	-.157	180	439	-.148	.059	.060	-.469	180	489	-.075	.039	.087	-.226
180	368	-.005	.076	.282	-.419	180	440	-.162	.047	.015	-.371	180	490	-.044	.042	.193	-.163
180	369	-.046	.059	.232	-.382	180	441	-.298	.135	.242	-.769	180	491	-.031	.045	.225	-.214
180	370	-.008	.042	.140	-.354	180	442	-.312	.120	.244	-.782	180	492	-.023	.038	.147	-.156
180	371	-.014	.045	.175	-.324	180	443	-.128	.055	.034	-.542	180	493	-.013	.040	.175	-.195
180	372	-.004	.045	.212	-.160	180	444	-.133	.063	.092	-.505	180	494	-.007	.038	.193	-.197
180	373	.016	.047	.380	-.105	180	445	-.150	.070	.109	-.604	180	495	-.008	.038	.165	-.187
180	374	.005	.043	.234	-.131	180	446	-.159	.077	.066	-.587	180	496	-.012	.045	.206	-.279
180	375	.009	.048	.265	-.123	180	447	-.157	.086	.107	-.610	180	497	-.078	.030	.054	-.213
180	376	.000	.046	.208	-.174	180	448	-.212	.118	.126	-1.083	180	498	-.044	.035	.142	-.166
180	377	.050	.084	.422	-.161	180	449	-.260	.125	.051	-.747	180	499	-.070	.045	.146	-.282
180	378	.100	.111	.645	-.174	180	450	-.314	.135	.036	-.968	180	500	-.004	.057	.270	-.154
180	401	-.130	.038	.042	-.361	180	451	-.318	.124	.068	-.880	180	501	.022	.061	.350	-.136
180	402	-.124	.048	.094	-.407	180	452	-.343	.126	.060	-.893	180	502	.032	.060	.393	-.128
180	403	-.134	.066	.135	-.459	180	453	-.375	.141	.083	-1.058	180	503	.026	.051	.260	-.128
180	404	-.288	.098	.047	-.662	180	454	-.397	.151	.075	-1.507	180	504	.025	.047	.291	-.133
180	405	-.471	.106	-.159	-.911	180	455	-.116	.049	.107	-.497	180	505	.014	.044	.242	-.174
180	406	-.658	.159	-.209	-1.252	180	456	-.103	.051	.075	-.439	180	506	.004	.042	.224	-.192
180	407	-.160	.047	-.001	-.452	180	457	-.103	.089	.235	-.627	180	507	-.084	.029	.041	-.205
180	408	-.155	.041	.001	-.425	180	458	-.113	.090	.137	-.591	180	508	-.072	.039	.083	-.291
180	409	-.149	.035	.012	-.439	180	459	-.148	.122	.167	-.675	180	509	.038	.070	.521	-.129
180	410	-.151	.041	.008	-.468	180	460	-.243	.161	.301	-.919	180	510	.025	.058	.285	-.141
180	411	-.151	.051	.047	-.468	180	461	-.314	.173	.085	-1.077	180	511	.069	.079	.499	-.129
180	412	-.163	.060	.067	-.459	180	462	-.310	.169	.096	-.942	180	512	.071	.070	.412	-.120
180	413	-.238	.087	.090	-.621	180	463	-.366	.144	.167	-1.100	180	513	.059	.064	.381	-.108
180	414	-.710	.179	-.163	-1.316	180	464	-.348	.131	.027	-.957	180	514	.039	.044	.311	-.096
180	415	-.811	.212	-.174	-1.615	180	465	-.100	.031	.032	-.240	180	515	.024	.043	.292	-.197
180	416	-.212	.159	.434	-.844	180	466	-.092	.039	.070	-.360	180	516	.006	.040	.174	-.279
180	417	-.235	.133	.218	-.753	180	467	-.088	.045	.090	-.407	180	801	-.170	.035	-.077	-.331
180	418	-.227	.141	.254	-.760	180	468	-.073	.059	.113	-.533	180	802	-.150	.114	.162	-.811
180	419	-.162	.048	-.008	-.434	180	469	-.071	.060	.173	-.486	180	803	-.077	.031	.093	-.192
180	420	-.154	.037	.035	-.311	180	470	-.084	.072	.171	-.478	180	804	-.137	.027	-.058	-.256
180	421	-.169	.048	.040	-.516	180	471	-.131	.126	.177	-.794	180	805	-.091	.016	-.030	-.156
180	422	-.187	.071	.042	-.544	180	472	-.180	.157	.113	-.957	180	806	-.038	.024	.049	-.125
180	423	-.246	.086	-.010	-.646	180	473	-.188	.169	.207	-1.100	180	807	-.157	.115	.157	-.744

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	901	-.041	.051	.153	-.246	190	102	-.167	.050	.001	-.397	190	152	-.162	.034	-.061	-.314
180	902	-.144	.040	.002	-.351	190	103	-.163	.052	.045	-.434	190	153	-.157	.035	-.049	-.311
180	903	-.634	.134	-.219	-1.295	190	104	-.189	.056	-.024	-.451	190	154	-.138	.037	-.013	-.387
180	904	-.033	.065	.381	-.248	190	105	-.194	.046	-.036	-.373	190	155	-.134	.033	-.017	-.373
180	905	-.635	.137	-.217	-1.120	190	106	-.190	.045	-.046	-.390	190	156	-.124	.033	-.027	-.425
180	906	-.166	.035	-.051	-.324	190	107	-.177	.050	-.031	-.409	190	157	-.119	.037	-.012	-.279
180	907	-.240	.072	-.035	-.570	190	108	-.159	.042	-.017	-.363	190	158	-.114	.035	-.022	-.272
180	908	-.550	.119	-.057	-1.054	190	109	-.161	.040	-.016	-.348	190	159	-.112	.038	-.004	-.269
180	909	-.094	.027	.025	-.182	190	110	-.170	.041	-.038	-.315	190	160	-.111	.036	-.012	-.287
180	910	-.184	.044	-.069	-.442	190	111	-.179	.041	-.041	-.323	190	161	-.129	.034	-.017	-.339
180	911	.240	.152	.870	-.105	190	112	-.179	.045	-.051	-.358	190	162	-.117	.034	-.017	-.363
180	912	.050	.059	.384	-.129	190	113	-.212	.049	-.026	-.397	190	163	-.127	.034	.053	-.282
180	913	-.164	.041	.001	-.411	190	114	-.216	.059	-.074	-.462	190	164	-.123	.030	-.004	-.252
180	914	-.015	.102	.423	-.435	190	115	-.222	.054	-.065	-.424	190	165	-.123	.034	.006	-.339
180	915	-.129	.054	.094	-.381	190	116	-.168	.034	-.055	-.335	190	166	-.107	.031	.003	-.249
180	916	-.490	.110	-.204	-.885	190	117	-.176	.037	-.069	-.318	190	167	-.124	.036	-.002	-.301
180	917	-.183	.047	-.001	-.438	190	118	-.194	.050	-.053	-.542	190	168	-.117	.036	-.024	-.326
180	918	-.170	.038	-.039	-.330	190	119	-.200	.059	-.044	-.447	190	169	-.108	.035	-.007	-.277
180	919	-.191	.037	-.028	-.354	190	120	-.222	.050	-.059	-.418	190	170	-.129	.033	-.027	-.294
180	920	-.268	.080	.063	-.616	190	121	-.215	.050	-.055	-.380	190	171	-.125	.035	.001	-.368
180	921	-.464	.119	-.125	-.982	190	122	-.177	.051	-.033	-.556	190	172	-.118	.028	-.027	-.339
180	922	-.132	.133	.502	-.552	190	123	-.173	.046	-.019	-.414	190	173	-.110	.029	.001	-.267
180	923	-.203	.124	.306	-.595	190	124	-.167	.035	-.050	-.358	190	174	-.124	.038	-.002	-.353
180	924	-.126	.053	.110	-.357	190	125	-.165	.031	-.065	-.296	190	175	-.119	.035	-.014	-.279
180	925	-.218	.077	.057	-.559	190	126	-.162	.031	-.074	-.287	190	176	-.112	.035	-.004	-.277
180	926	-.445	.107	-.097	-.863	190	127	-.158	.034	-.026	-.299	190	177	-.111	.035	.014	-.259
180	927	-.182	.063	.042	-.564	190	128	-.156	.034	-.022	-.306	190	201	-.718	.280	-.141	-2.333
180	928	-.187	.049	.003	-.399	190	129	-.147	.035	-.036	-.339	190	202	-.692	.261	-.094	-1.918
180	929	-.158	.061	.076	-.469	190	130	-.172	.042	-.058	-.443	190	203	-.527	.184	.002	-1.186
180	930	-.223	.077	-.019	-.642	190	131	-.165	.040	-.050	-.402	190	204	-.341	.132	.013	-1.006
180	931	-.488	.151	-.072	-.997	190	132	-.155	.029	-.065	-.265	190	205	-.325	.134	.090	-1.019
180	932	-.253	.140	.357	-.753	190	133	-.161	.029	-.072	-.287	190	206	-.253	.104	.075	-.677
180	933	-.296	.125	.199	-.740	190	134	-.155	.027	-.067	-.253	190	207	-.213	.085	.067	-.723
180	934	-.107	.026	-.014	-.226	190	135	-.155	.028	-.062	-.325	190	208	-.197	.078	.011	-.637
180	935	-.098	.028	.003	-.240	190	136	-.152	.029	-.045	-.325	190	209	-.673	.232	-.171	-1.729
180	936	-.094	.023	.013	-.190	190	137	-.150	.031	-.048	-.258	190	210	-.688	.260	.039	-2.902
180	937	-.081	.025	.039	-.153	190	138	-.162	.039	-.024	-.341	190	211	-.569	.218	.009	-1.492
180	938	-.048	.048	.133	-.320	190	139	-.154	.034	-.040	-.289	190	212	-.374	.140	.015	-1.022
180	939	.153	.119	.788	-.103	190	140	-.143	.028	-.022	-.381	190	213	-.286	.101	.024	-.850
180	940	-.017	.062	.232	-.414	190	141	-.146	.025	-.067	-.253	190	214	-.238	.085	.002	-.780
180	941	-.100	.027	.008	-.202	190	142	-.142	.026	-.069	-.275	190	215	-.200	.072	-.011	-.657
180	942	-.089	.039	.078	-.296	190	143	-.137	.028	-.050	-.265	190	216	-.188	.075	.018	-.573
180	943	-.070	.042	.080	-.259	190	144	-.137	.026	-.059	-.251	190	217	-.453	.163	.108	-1.140
180	944	-.036	.047	.155	-.238	190	145	-.136	.027	-.053	-.263	190	218	-.307	.116	.033	-.850
180	945	-.092	.030	.007	-.260	190	146	-.142	.034	-.017	-.366	190	219	-.211	.081	.037	-.826
180	946	-.089	.034	.054	-.240	190	147	-.137	.031	-.036	-.326	190	220	-.614	.233	-.072	-1.742
180	947	-.068	.043	.095	-.356	190	148	-.135	.033	.008	-.363	190	221	-.648	.264	.040	-1.762
180	948	-.046	.043	.087	-.310	190	149	-.156	.036	-.051	-.326	190	222	-.559	.248	.108	-1.674
180	949	-.045	.056	.167	-.389	190	150	-.204	.049	-.049	-.462	190	223	-.382	.162	.079	-1.226
190	101	-.175	.053	-.014	-.458	190	151	-.179	.039	-.066	-.356	190	224	-.265	.102	.029	-.795

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	225	-.207	.079	.046	-.688	190	275	-.155	.053	-.010	-.502	190	331	.173	.136	.702	-.128
190	226	-.189	.074	.000	-1.026	190	276	-.135	.060	.110	-.406	190	332	.197	.143	.702	-.168
190	227	-.178	.067	-.011	-.646	190	277	-.135	.059	.052	-.415	190	333	.200	.145	.804	-.123
190	228	-.562	.273	-.026	-2.307	190	278	-.136	.059	.095	-.368	190	334	.172	.137	.768	-.186
190	229	-.550	.277	.007	-1.929	190	279	-.091	.053	.119	-.397	190	335	.170	.138	.700	-.168
190	230	-.453	.238	.202	-1.597	190	280	-.117	.031	-.018	-.292	190	336	.079	.139	.638	-.428
190	231	-.323	.145	.029	-1.118	190	281	-.131	.034	-.034	-.402	190	337	-.069	.132	.472	-.517
190	232	-.248	.098	.035	-.701	190	282	-.122	.048	.042	-.315	190	338	.072	.106	.608	-.265
190	233	-.199	.070	.073	-.591	190	283	-.128	.061	.158	-.397	190	339	.103	.098	.565	-.189
190	234	-.182	.069	.041	-.696	190	284	-.109	.058	.202	-.345	190	340	.096	.088	.509	-.166
190	235	-.183	.073	-.010	-.607	190	285	-.082	.052	.113	-.278	190	341	.082	.090	.616	-.130
190	236	-.438	.227	.048	-2.225	190	286	-.234	.093	.051	-.742	190	342	.060	.084	.483	-.252
190	237	-.457	.240	.014	-1.926	190	287	-.224	.079	-.004	-.607	190	343	.059	.083	.601	-.188
190	238	-.380	.195	.106	-1.604	190	288	-.184	.060	.003	-.525	190	344	-.028	.094	.465	-.348
190	239	-.275	.128	.063	-1.032	190	289	-.197	.071	.051	-.713	190	345	-.119	.107	.378	-.598
190	240	-.214	.085	.037	-.710	190	290	-.169	.055	.026	-.521	190	346	.079	.093	.561	-.212
190	241	-.179	.062	.037	-.491	190	291	-.153	.051	.083	-.468	190	347	.087	.091	.473	-.202
190	242	-.170	.059	-.001	-.491	190	292	-.150	.057	-.006	-.530	190	348	.076	.074	.491	-.149
190	243	-.180	.074	-.006	-.748	190	293	-.120	.029	-.025	-.265	190	349	.080	.071	.488	-.146
190	244	-.326	.141	-.049	-1.609	190	294	-.131	.040	-.018	-.509	190	350	-.039	.069	.313	-.277
190	245	-.341	.135	-.028	-1.235	190	301	-.005	.110	.336	-.479	190	351	-.053	.060	.240	-.412
190	246	-.348	.158	.005	-1.568	190	302	.120	.161	.705	-.487	190	352	-.120	.066	.142	-.360
190	247	-.256	.110	.016	-1.197	190	303	.137	.150	.625	-.326	190	353	-.181	.069	.037	-.495
190	248	-.206	.083	-.019	-.770	190	304	.161	.130	.598	-.289	190	354	.034	.117	.491	-.543
190	249	-.173	.059	-.010	-.667	190	305	.131	.141	.619	-.432	190	355	.033	.094	.568	-.327
190	250	-.177	.061	-.016	-.676	190	306	.094	.146	.672	-.497	190	356	.026	.076	.488	-.267
190	251	-.171	.062	-.039	-.667	190	307	-.006	.092	.433	-.373	190	357	-.007	.081	.308	-.415
190	252	-.337	.122	-.086	-1.025	190	308	.250	.170	.700	-.549	190	358	-.058	.081	.205	-.548
190	253	-.301	.126	-.006	-1.079	190	309	.310	.170	.827	-.292	190	359	-.089	.071	.152	-.437
190	254	-.174	.059	-.010	-.605	190	310	.304	.144	.786	-.336	190	360	-.199	.079	.202	-.671
190	255	-.163	.065	-.024	-.699	190	311	.295	.143	.720	-.153	190	361	-.055	.048	.230	-.335
190	256	-.143	.066	.144	-.437	190	312	.325	.159	.759	-.171	190	362	-.093	.053	.170	-.380
190	257	-.146	.068	.095	-.511	190	313	.320	.158	.868	-.299	190	363	.024	.097	.493	-.372
190	258	-.134	.056	.081	-.446	190	314	.198	.159	.845	-.440	190	364	.019	.065	.451	-.139
190	259	-.138	.068	.130	-.455	190	315	.054	.159	.581	-.613	190	365	-.025	.043	.192	-.156
190	260	-.339	.142	-.068	-1.445	190	316	.051	.147	.493	-.776	190	366	-.031	.052	.267	-.214
190	261	-.348	.140	-.080	-1.248	190	317	.268	.172	.779	-.297	190	367	-.085	.052	.157	-.370
190	262	-.357	.181	-.086	-1.624	190	318	.341	.159	.748	-.128	190	368	-.104	.065	.124	-.405
190	263	-.251	.118	.008	-1.125	190	319	.389	.171	.931	-.120	190	369	-.119	.070	.142	-.493
190	264	-.187	.063	.030	-.540	190	320	.422	.178	.903	-.135	190	370	.009	.079	.420	-.415
190	265	-.175	.056	-.031	-.565	190	321	-.084	.137	.339	-.702	190	371	.037	.079	.428	-.252
190	266	-.164	.059	-.035	-.652	190	322	.208	.157	.740	-.352	190	372	.018	.059	.373	-.177
190	267	-.162	.059	-.034	-.551	190	323	.283	.168	.893	-.191	190	373	.022	.053	.275	-.105
190	268	-.127	.029	-.026	-.310	190	324	.316	.175	.796	-.135	190	374	-.041	.050	.244	-.221
190	269	-.140	.033	-.028	-.294	190	325	.341	.180	.969	-.138	190	375	-.030	.044	.280	-.157
190	270	-.337	.164	.005	-1.568	190	326	.320	.180	.880	-.217	190	376	-.068	.044	.110	-.224
190	271	-.286	.126	.030	-1.736	190	327	.321	.181	.944	-.183	190	377	-.083	.059	.198	-.327
190	272	-.207	.076	.019	-.638	190	328	.238	.165	.882	-.264	190	378	-.031	.087	.492	-.307
190	273	-.172	.050	-.039	-.473	190	329	.053	.145	.571	-.494	190	401	-.153	.040	-.038	-.333
190	274	-.165	.052	-.046	-.578	190	330	.098	.129	.544	-.324	190	402	-.121	.043	.017	-.294

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	403	-.082	.053	.081	-.365	190	453	-.229	.207	.361	-1.157	190	503	.024	.062	.371	-.211
190	404	-.161	.099	.190	-.605	190	454	-.352	.260	.361	-1.887	190	504	.050	.055	.353	-.133
190	405	-.411	.117	-.041	-.868	190	455	-.121	.028	-.021	-.345	190	505	.049	.065	.381	-.345
190	406	-.643	.184	-.029	-1.364	190	456	-.106	.028	.052	-.238	190	506	.025	.082	.327	-.531
190	407	-.209	.054	-.031	-.457	190	457	-.051	.039	.101	-.238	190	507	-.096	.033	.120	-.232
190	408	-.207	.050	-.038	-.415	190	458	-.059	.042	.110	-.255	190	508	-.082	.037	.104	-.221
190	409	-.208	.047	-.063	-.399	190	459	-.038	.049	.103	-.343	190	509	.037	.072	.426	-.136
190	410	-.183	.040	-.036	-.342	190	460	-.030	.073	.159	-.481	190	510	.007	.061	.337	-.124
190	411	-.138	.035	.049	-.299	190	461	-.048	.111	.198	-.929	190	511	.030	.065	.322	-.121
190	412	-.110	.041	.060	-.345	190	462	-.059	.120	.275	-.867	190	512	.048	.060	.334	-.116
190	413	-.134	.062	.062	-.427	190	463	-.170	.192	.346	-.934	190	513	.044	.061	.305	-.126
190	414	-.514	.196	.023	-1.135	190	464	-.204	.159	.322	-.994	190	514	.057	.052	.305	-.095
190	415	-.582	.197	-.006	-1.247	190	465	-.107	.027	.005	-.281	190	515	.057	.058	.334	-.138
190	416	.078	.173	.679	-.626	190	466	-.092	.030	.060	-.229	190	516	.028	.059	.288	-.373
190	417	.022	.146	.478	-.502	190	467	-.076	.033	.076	-.242	190	801	-.190	.041	-.084	-.345
190	418	-.002	.133	.478	-.607	190	468	-.034	.038	.127	-.195	190	802	.021	.096	.448	-.671
190	419	-.212	.053	-.043	-.425	190	469	-.027	.038	.140	-.238	190	803	-.029	.034	.174	-.136
190	420	-.216	.052	-.066	-.459	190	470	-.020	.044	.155	-.238	190	804	-.160	.038	-.040	-.375
190	421	-.206	.047	-.061	-.402	190	471	-.005	.058	.174	-.388	190	805	-.077	.018	-.017	-.151
190	422	-.125	.043	.046	-.354	190	472	.013	.073	.277	-.543	190	806	.010	.024	.115	-.051
190	423	-.125	.056	.087	-.322	190	473	.017	.079	.258	-.562	190	807	-.018	.061	.176	-.452
190	424	-.580	.249	-.015	-1.474	190	474	.010	.092	.286	-.588	190	901	-.073	.063	.215	-.264
190	425	.033	.159	.581	-.573	190	475	-.028	.169	.404	-1.146	190	902	-.181	.084	.123	-.613
190	426	.025	.148	.549	-.518	190	476	-.087	.196	.479	-1.188	190	903	-.593	.137	-.195	-1.081
190	427	-.162	.052	.005	-.349	190	477	-.110	.027	-.013	-.214	190	904	-.069	.065	.288	-.378
190	428	-.176	.060	.055	-.374	190	478	-.095	.026	.019	-.175	190	905	-.586	.120	-.211	-.991
190	429	-.215	.053	-.050	-.443	190	479	-.063	.026	.035	-.138	190	906	-.198	.048	-.068	-.464
190	430	-.218	.047	-.022	-.422	190	480	-.060	.030	.080	-.157	190	907	-.241	.065	-.037	-.593
190	431	-.147	.039	.026	-.480	190	481	-.084	.026	.066	-.188	190	908	-.537	.147	-.022	-1.017
190	432	-.111	.042	.033	-.343	190	482	.066	.069	.399	-.097	190	909	-.065	.035	.099	-.179
190	433	-.119	.067	.060	-.592	190	483	.023	.052	.257	-.131	190	910	-.209	.062	-.085	-.800
190	434	-.309	.131	.144	-.766	190	484	.017	.053	.260	-.175	190	911	.204	.133	.904	-.250
190	435	-.508	.202	.026	-1.254	190	485	.046	.074	.358	-.381	190	912	.051	.065	.417	-.136
190	436	-.015	.193	.576	-.798	190	486	.035	.113	.435	-.914	190	913	-.187	.048	-.007	-.411
190	437	-.094	.164	.462	-.657	190	487	-.096	.031	.017	-.296	190	914	.080	.119	.509	-.405
190	438	-.117	.151	.353	-.708	190	488	-.069	.037	.090	-.211	190	915	-.184	.081	.066	-.455
190	439	-.152	.047	.035	-.363	190	489	-.097	.036	.121	-.267	190	916	-.561	.149	-.112	-1.129
190	440	-.214	.054	-.066	-.463	190	490	-.055	.041	.121	-.259	190	917	-.225	.051	-.036	-.442
190	441	-.011	.161	.531	-.590	190	491	-.038	.045	.128	-.286	190	918	-.214	.048	-.053	-.413
190	442	-.070	.135	.554	-.667	190	492	-.009	.049	.205	-.327	190	919	-.228	.056	-.048	-.469
190	443	-.132	.033	.026	-.324	190	493	-.004	.053	.273	-.281	190	920	-.285	.103	.042	-.925
190	444	-.127	.035	.020	-.390	190	494	.036	.062	.322	-.250	190	921	-.591	.167	.053	-1.435
190	445	-.135	.034	.028	-.403	190	495	.043	.065	.350	-.265	190	922	.087	.173	.692	-.456
190	446	-.119	.035	.037	-.341	190	496	.039	.094	.492	-.583	190	923	.011	.151	.567	-.525
190	447	-.110	.037	.071	-.481	190	497	-.090	.033	.050	-.229	190	924	-.976	.061	.162	-.312
190	448	-.086	.047	.086	-.408	190	498	-.058	.041	.174	-.268	190	925	-.116	.063	.101	-.355
190	449	-.092	.084	.123	-.646	190	499	-.099	.042	.107	-.232	190	926	-.424	.110	-.041	-.763
190	450	-.144	.102	.168	-.633	190	500	-.029	.051	.288	-.167	190	927	-.200	.059	.012	-.461
190	451	-.164	.117	.168	-.629	190	501	-.002	.054	.239	-.157	190	928	-.231	.058	-.031	-.468
190	452	-.175	.155	.185	-.820	190	502	.027	.061	.461	-.141	190	929	-.106	.048	.098	-.336

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	930	-.129	.055	.047	-.458	200	131	-.247	.051	-.060	-.600	200	204	-.374	.125	.159	-1.150
190	931	-.406	.155	.025	-1.097	200	132	-.226	.038	-.068	-.373	200	205	-.351	.134	.056	-.936
190	932	.001	.170	.610	-.652	200	133	-.235	.042	-.103	-.413	200	206	-.335	.123	.045	-.901
190	933	-.094	.140	.397	-.601	200	134	-.222	.039	-.074	-.401	200	207	-.351	.146	.027	-1.093
190	934	-.121	.031	-.012	-.286	200	135	-.214	.038	-.110	-.380	200	208	-.360	.160	.001	-1.121
190	935	-.111	.038	-.005	-.318	200	136	-.210	.039	-.086	-.408	200	209	-.330	.069	-.156	-.625
190	936	-.087	.028	.046	-.184	200	137	-.207	.038	-.076	-.358	200	210	-.339	.079	-.091	-.924
190	937	-.056	.035	.126	-.160	200	138	-.268	.060	-.019	-.512	200	211	-.353	.089	-.039	-.853
190	938	.027	.060	.296	-.148	200	139	-.247	.055	-.050	-.505	200	212	-.363	.108	.040	-1.077
190	939	.076	.086	.567	-.167	200	140	-.230	.044	-.015	-.391	200	213	-.345	.101	.069	-.925
190	940	.007	.067	.305	-.524	200	141	-.232	.042	-.110	-.447	200	214	-.331	.095	-.030	-.819
190	941	-.100	.036	.029	-.284	200	142	-.222	.044	-.083	-.401	200	215	-.344	.117	-.030	-.932
190	942	-.057	.043	.077	-.235	200	143	-.216	.040	-.072	-.365	200	216	-.368	.143	.034	-1.267
190	943	-.005	.059	.199	-.313	200	144	-.218	.040	-.057	-.397	200	217	-.338	.080	-.035	-.775
190	944	.018	.061	.259	-.242	200	145	-.215	.040	-.095	-.349	200	218	-.338	.091	.133	-.822
190	945	-.107	.036	.003	-.317	200	146	-.274	.066	-.071	-.627	200	219	-.322	.100	.009	-.868
190	946	-.084	.044	.034	-.395	200	147	-.257	.062	.108	-.520	200	220	-.305	.073	-.077	-.938
190	947	-.041	.058	.167	-.398	200	148	-.248	.054	-.012	-.473	200	221	-.307	.079	-.101	-1.104
190	948	-.022	.067	.225	-.417	200	149	-.268	.053	-.126	-.518	200	222	-.325	.088	-.043	-1.020
190	949	-.027	.082	.277	-.481	200	150	-.256	.058	-.123	-.558	200	223	-.330	.092	.007	-.945
200	101	-.249	.084	-.002	-.678	200	151	-.240	.049	-.096	-.458	200	224	-.338	.088	-.002	-.923
200	102	-.231	.077	-.024	-.639	200	152	-.235	.050	-.084	-.434	200	225	-.339	.074	-.035	-.612
200	103	-.231	.075	.008	-.607	200	153	-.231	.050	-.076	-.461	200	226	-.368	.116	-.063	-.958
200	104	-.266	.068	-.007	-.629	200	154	-.281	.066	-.049	-.521	200	227	-.402	.123	-.090	-.872
200	105	-.282	.067	-.058	-.761	200	155	-.288	.082	-.066	-.808	200	228	-.311	.073	-.105	-.685
200	106	-.273	.064	-.077	-.605	200	156	-.289	.080	-.093	-.858	200	229	-.313	.087	-.107	-1.450
200	107	-.257	.071	-.068	-.622	200	157	-.298	.080	-.098	-.605	200	230	-.331	.103	-.026	-1.293
200	108	-.237	.064	-.021	-.506	200	158	-.303	.089	-.108	-.746	200	231	-.333	.082	-.028	-.753
200	109	-.237	.059	-.055	-.524	200	159	-.302	.105	-.084	-.932	200	232	-.348	.078	-.101	-.661
200	110	-.253	.064	-.072	-.466	200	160	-.303	.096	-.066	-.831	200	233	-.340	.067	-.079	-.665
200	111	-.261	.060	-.088	-.487	200	161	-.288	.080	-.041	-.995	200	234	-.351	.101	-.070	-.816
200	112	-.270	.060	-.103	-.528	200	162	-.279	.072	-.019	-.590	200	235	-.366	.121	-.034	-.908
200	113	-.299	.067	-.046	-.558	200	163	-.264	.069	-.036	-.585	200	236	-.330	.094	-.059	-1.168
200	114	-.296	.066	-.074	-.573	200	164	-.252	.064	-.056	-.640	200	237	-.333	.082	-.066	-1.226
200	115	-.314	.065	-.131	-.585	200	165	-.271	.079	-.004	-.920	200	238	-.342	.090	-.102	-1.083
200	116	-.230	.049	-.055	-.435	200	166	-.288	.075	-.046	-.759	200	239	-.368	.096	-.064	-1.002
200	117	-.250	.054	-.093	-.447	200	167	-.286	.079	-.086	-.828	200	240	-.379	.088	-.021	-.830
200	118	-.281	.075	-.086	-.581	200	168	-.325	.095	-.101	-.821	200	241	-.342	.073	-.126	-.637
200	119	-.285	.077	-.061	-.573	200	169	-.314	.093	-.116	-.749	200	242	-.340	.108	-.070	-.946
200	120	-.313	.063	-.133	-.558	200	170	-.259	.063	-.021	-.659	200	243	-.362	.128	-.032	-1.282
200	121	-.299	.064	-.102	-.602	200	171	-.248	.063	-.029	-.548	200	244	-.351	.090	-.124	-1.025
200	122	-.267	.059	-.070	-.532	200	172	-.273	.083	.018	-.990	200	245	-.371	.093	-.129	-1.112
200	123	-.247	.052	-.090	-.507	200	173	-.264	.068	-.041	-.558	200	246	-.384	.094	-.157	-.953
200	124	-.233	.049	-.082	-.419	200	174	-.286	.083	-.046	-.903	200	247	-.434	.121	-.075	-1.184
200	125	-.232	.043	-.086	-.392	200	175	-.301	.080	-.015	-.622	200	248	-.376	.091	-.084	-.886
200	126	-.223	.044	-.095	-.382	200	176	-.323	.113	-.121	-1.151	200	249	-.351	.092	-.077	-.843
200	127	-.212	.046	-.072	-.428	200	177	-.294	.098	-.084	-.794	200	250	-.349	.096	.024	-.914
200	128	-.215	.045	-.074	-.397	200	201	-.371	.085	-.118	-.877	200	251	-.345	.114	.004	-1.072
200	129	-.213	.046	-.061	-.466	200	202	-.364	.076	-.147	-1.073	200	252	-.380	.106	-.146	-1.090
200	130	-.262	.059	-.082	-.600	200	203	-.390	.113	-.039	-1.205	200	253	-.407	.117	-.117	-1.148

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	254	-.352	.091	-.135	-.751	200	310	.330	.131	.718	-.092	200	360	-.181	.080	.128	-.658
200	255	-.343	.111	-.079	-.944	200	311	.325	.118	.665	-.094	200	361	-.044	.068	.362	-.222
200	256	-.121	.068	.149	-.597	200	312	.323	.131	.761	-.067	200	362	-.037	.065	.251	-.340
200	257	-.130	.065	.147	-.429	200	313	.299	.132	.739	-.176	200	363	.131	.103	.616	-.174
200	258	-.117	.061	.147	-.355	200	314	.182	.119	.593	-.235	200	364	.141	.094	.636	-.089
200	259	-.140	.067	.127	-.431	200	315	.251	.146	.794	-.364	200	365	.101	.076	.455	-.081
200	260	-.363	.110	-.113	-1.190	200	316	.217	.116	.601	-.250	200	366	.084	.076	.478	-.119
200	261	-.365	.121	-.041	-1.253	200	317	.440	.137	.913	.002	200	367	-.039	.061	.289	-.257
200	262	-.393	.144	-.137	-1.419	200	318	.431	.132	.830	.000	200	368	-.073	.071	.228	-.310
200	263	-.434	.141	-.120	-1.558	200	319	.470	.134	.886	.054	200	369	-.083	.073	.243	-.358
200	264	-.375	.096	-.079	-1.074	200	320	.427	.134	.843	-.056	200	370	.092	.069	.528	-.086
200	265	-.344	.080	-.094	-.819	200	321	.110	.116	.470	-.539	200	371	.146	.097	.576	-.079
200	266	-.334	.096	-.097	-.848	200	322	.404	.131	.833	.013	200	372	.165	.086	.545	-.116
200	267	-.333	.105	-.039	-.939	200	323	.412	.140	.978	-.046	200	373	.177	.087	.549	-.004
200	268	-.263	.058	-.057	-.530	200	324	.431	.150	.902	.010	200	374	.075	.077	.344	-.263
200	269	-.272	.061	-.052	-.550	200	325	.451	.139	.846	.023	200	375	.084	.071	.409	-.180
200	270	-.351	.121	-.075	-1.137	200	326	.421	.136	.858	.015	200	376	.007	.062	.315	-.183
200	271	-.383	.131	-.073	-1.540	200	327	.391	.136	.811	-.017	200	377	-.048	.069	.328	-.279
200	272	-.390	.113	-.129	-1.159	200	328	.274	.119	.685	-.099	200	378	.023	.083	.463	-.211
200	273	-.353	.086	-.081	-.756	200	329	.095	.098	.470	-.346	200	401	-.217	.050	-.061	-.426
200	274	-.313	.075	-.095	-.659	200	330	.348	.126	.772	-.191	200	402	-.167	.056	-.013	-.414
200	275	-.319	.093	-.010	-.812	200	331	.400	.145	.884	-.008	200	403	-.084	.046	.092	-.357
200	276	-.122	.061	.109	-.364	200	332	.410	.141	.932	-.051	200	404	-.076	.088	.177	-.460
200	277	-.126	.062	.109	-.491	200	333	.388	.134	.881	-.030	200	405	-.376	.130	-.020	-.825
200	278	-.123	.057	.129	-.395	200	334	.360	.123	.774	-.010	200	406	-.530	.144	-.050	-1.038
200	279	-.055	.055	.174	-.270	200	335	.317	.121	.784	-.020	200	407	-.314	.065	-.116	-.602
200	280	-.249	.060	-.059	-.478	200	336	.190	.109	.596	-.191	200	408	-.307	.067	-.121	-.632
200	281	-.263	.059	-.064	-.531	200	337	.027	.096	.492	-.369	200	409	-.311	.064	-.128	-.543
200	282	-.117	.053	.104	-.428	200	338	.329	.136	.787	-.148	200	410	-.248	.047	-.091	-.412
200	283	-.120	.058	.118	-.428	200	339	.344	.139	.823	-.051	200	411	-.166	.036	-.041	-.288
200	284	-.096	.056	.138	-.368	200	340	.332	.126	.812	-.020	200	412	-.095	.039	.095	-.219
200	285	-.037	.061	.333	-.311	200	341	.286	.115	.728	-.051	200	413	-.079	.052	.136	-.252
200	286	-.230	.108	.069	-.889	200	342	.239	.104	.716	-.079	200	414	-.354	.212	.234	-1.102
200	287	-.336	.097	-.009	-.900	200	343	.249	.103	.724	-.008	200	415	-.534	.167	.005	-1.088
200	288	-.353	.085	-.052	-.694	200	344	.122	.096	.482	-.210	200	416	.276	.154	.762	-.325
200	289	-.383	.103	-.038	-1.104	200	345	-.006	.078	.319	-.359	200	417	.176	.146	.624	-.341
200	290	-.344	.088	-.109	-.790	200	346	.204	.114	.691	-.116	200	418	.103	.138	.608	-.469
200	291	-.298	.071	-.002	-.735	200	347	.220	.110	.702	-.109	200	419	-.299	.066	-.096	-.621
200	292	-.296	.083	-.045	-.680	200	348	.212	.100	.626	-.069	200	420	-.314	.064	-.132	-.540
200	293	-.245	.060	-.006	-.575	200	349	.225	.097	.596	.004	200	421	-.287	.054	-.114	-.474
200	294	-.253	.056	-.052	-.453	200	350	.064	.084	.369	-.257	200	422	-.114	.044	.030	-.307
200	301	.048	.091	.440	-.324	200	351	.032	.063	.271	-.202	200	423	-.060	.067	.193	-.281
200	302	.163	.108	.586	-.223	200	352	-.062	.077	.281	-.368	200	424	-.411	.175	.053	-1.299
200	303	.135	.128	.633	-.255	200	353	-.164	.077	.140	-.612	200	425	.187	.135	.665	-.391
200	304	.197	.121	.566	-.188	200	354	.183	.126	.636	-.177	200	426	.163	.126	.594	-.375
200	305	.069	.106	.533	-.340	200	355	.169	.115	.737	-.267	200	427	-.209	.059	.030	-.382
200	306	.049	.115	.645	-.485	200	356	.162	.104	.573	-.235	200	428	-.218	.073	.092	-.458
200	307	.113	.100	.484	-.228	200	357	.138	.110	.558	-.288	200	429	-.315	.064	-.119	-.552
200	308	.340	.140	.744	-.144	200	358	.048	.115	.510	-.429	200	430	-.291	.053	-.119	-.506
200	309	.358	.149	.830	-.038	200	359	-.013	.093	.352	-.403	200	431	-.154	.037	.032	-.301

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	432	-.080	.040	.065	-.217	200	482	.127	.073	.515	-.058	200	909	-.064	.048	.147	-.249
200	433	-.029	.060	.203	-.269	200	483	.060	.053	.258	-.105	200	910	-.286	.071	-.120	-.917
200	434	-.268	.145	.240	-.719	200	484	.060	.058	.310	-.128	200	911	.373	.136	1.001	.008
200	435	-.422	.163	.078	-1.087	200	485	.072	.114	.357	-.717	200	912	.155	.077	.518	-.074
200	436	.230	.164	.707	-.353	200	486	-.007	.160	.533	-.753	200	913	-.267	.065	-.038	-.518
200	437	.082	.162	.632	-.471	200	487	-.244	.069	.008	-.608	200	914	.091	.112	.464	-.318
200	438	.036	.152	.656	-.534	200	488	-.146	.055	.064	-.395	200	915	-.333	.096	.029	-.714
200	439	-.215	.058	.068	-.488	200	489	-.178	.057	.035	-.426	200	916	-.501	.112	-.162	-.985
200	440	-.308	.067	-.094	-.546	200	490	-.101	.056	.152	-.327	200	917	-.308	.066	-.112	-.545
200	441	.169	.150	.606	-.447	200	491	-.061	.068	.336	-.399	200	918	-.298	.066	-.074	-.518
200	442	.062	.124	.524	-.568	200	492	-.027	.065	.294	-.476	200	919	-.360	.073	-.061	-.595
200	443	-.179	.036	-.062	-.316	200	493	-.021	.071	.256	-.336	200	920	-.410	.101	-.057	-.861
200	444	-.163	.034	-.025	-.288	200	494	.030	.070	.266	-.362	200	921	-.487	.109	-.092	-1.163
200	445	-.163	.034	-.019	-.290	200	495	.043	.079	.383	-.429	200	922	.248	.156	.856	-.280
200	446	-.123	.033	.018	-.243	200	496	-.076	.153	.385	-.849	200	923	.201	.120	.616	-.221
200	447	-.105	.033	.027	-.241	200	497	-.246	.065	-.032	-.515	200	924	-.088	.065	.164	-.305
200	448	-.046	.039	.128	-.210	200	498	-.131	.045	.077	-.300	200	925	-.103	.059	.118	-.339
200	449	.000	.054	.214	-.275	200	499	-.171	.062	.066	-.384	200	926	-.402	.089	-.060	-.698
200	450	-.017	.079	.251	-.398	200	500	-.075	.049	.232	-.325	200	927	-.295	.070	.010	-.566
200	451	-.029	.090	.268	-.368	200	501	-.034	.055	.354	-.209	200	928	-.310	.068	-.119	-.564
200	452	.007	.122	.369	-.633	200	502	.004	.055	.281	-.180	200	929	-.087	.052	.142	-.251
200	453	-.022	.209	.492	-.863	200	503	-.020	.069	.250	-.284	200	930	-.062	.058	.130	-.251
200	454	-.270	.252	.442	-1.643	200	504	.048	.051	.297	-.191	200	931	-.301	.102	.059	-.771
200	455	-.179	.035	-.066	-.333	200	505	.007	.085	.315	-.481	200	932	.241	.164	.708	-.527
200	456	-.145	.030	-.027	-.243	200	506	-.030	.100	.339	-.421	200	933	.087	.121	.537	-.405
200	457	-.041	.035	.106	-.165	200	507	-.248	.067	-.087	-.670	200	934	-.240	.054	-.026	-.431
200	458	-.031	.038	.115	-.189	200	508	-.181	.049	.020	-.407	200	935	-.258	.078	-.055	-.599
200	459	-.009	.040	.175	-.232	200	509	.011	.063	.292	-.198	200	936	-.130	.036	.040	-.290
200	460	.040	.056	.294	-.439	200	510	-.038	.049	.326	-.152	200	937	-.072	.041	.135	-.222
200	461	.033	.091	.283	-.497	200	511	-.004	.057	.404	-.128	200	938	.060	.060	.314	-.108
200	462	.035	.107	.339	-.691	200	512	.043	.055	.482	-.128	200	939	.206	.079	.572	-.001
200	463	-.120	.197	.462	-.848	200	513	.003	.058	.445	-.140	200	940	.112	.081	.467	-.271
200	464	-.152	.162	.475	-.878	200	514	.058	.053	.305	-.132	200	941	-.148	.035	-.028	-.329
200	465	-.188	.036	-.034	-.337	200	515	.031	.076	.292	-.368	200	942	-.049	.038	.156	-.203
200	466	-.160	.034	.001	-.277	200	516	.009	.090	.336	-.579	200	943	.044	.057	.258	-.188
200	467	-.119	.033	-.006	-.247	200	801	-.261	.056	-.121	-.551	200	944	.104	.060	.348	-.111
200	468	-.035	.035	.167	-.148	200	802	-.009	.127	.398	-.593	200	945	-.225	.059	-.057	-.505
200	469	-.034	.036	.137	-.144	200	803	-.038	.041	.102	-.172	200	946	-.090	.035	.050	-.244
200	470	-.009	.040	.175	-.152	200	804	-.232	.047	-.078	-.397	200	947	-.019	.042	.154	-.213
200	471	.029	.047	.229	-.154	200	805	-.109	.020	-.043	-.219	200	948	.053	.053	.273	-.188
200	472	.056	.066	.337	-.383	200	806	.039	.026	.115	-.032	200	949	.024	.085	.369	-.365
200	473	.060	.086	.354	-.514	200	807	-.032	.095	.227	-.769	210	101	-.267	.088	-.002	-.813
200	474	.059	.094	.311	-.512	200	901	-.149	.085	.201	-.467	210	102	-.259	.083	.006	-.774
200	475	-.049	.199	.427	-.801	200	902	-.368	.112	.091	-.769	210	103	-.274	.077	.018	-.724
200	476	-.142	.177	.569	-.922	200	903	-.499	.093	-.187	-.901	210	104	-.288	.065	-.090	-.678
200	477	-.195	.039	-.042	-.385	200	904	-.156	.077	.276	-.482	210	105	-.294	.062	-.110	-.577
200	478	-.165	.034	-.043	-.332	200	905	-.484	.087	-.169	-.877	210	106	-.293	.062	-.095	-.619
200	479	-.084	.028	.012	-.206	200	906	-.314	.071	-.061	-.592	210	107	-.261	.075	-.058	-.872
200	480	-.085	.033	.086	-.189	200	907	-.369	.083	-.079	-.647	210	108	-.249	.062	-.059	-.698
200	481	-.123	.032	-.006	-.263	200	908	-.480	.094	-.174	-.817	210	109	-.256	.056	-.085	-.459

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	110	-.278	.056	-.110	-.534	210	160	-.479	.121	-.167	-1.104	210	233	-.338	.053	-.166	-.525
210	111	-.273	.056	-.110	-.553	210	161	-.347	.060	-.170	-.642	210	234	-.310	.066	-.106	-.664
210	112	-.267	.053	-.098	-.496	210	162	-.381	.077	-.140	-.718	210	235	-.317	.080	-.050	-.772
210	113	-.300	.061	-.142	-.550	210	163	-.324	.059	-.106	-.545	210	236	-.349	.055	-.174	-.733
210	114	-.295	.056	-.128	-.558	210	164	-.329	.057	-.157	-.649	210	237	-.350	.059	-.160	-.688
210	115	-.336	.058	-.159	-.572	210	165	-.326	.060	-.155	-.647	210	238	-.352	.057	-.169	-.706
210	116	-.254	.043	-.110	-.469	210	166	-.391	.087	-.088	-.706	210	239	-.373	.060	-.196	-.700
210	117	-.264	.054	-.127	-.592	210	167	-.406	.081	-.153	-.753	210	240	-.388	.063	-.196	-.702
210	118	-.274	.068	-.077	-.611	210	168	-.444	.104	-.182	-1.069	210	241	-.362	.061	-.154	-.677
210	119	-.266	.064	-.086	-.577	210	169	-.521	.130	-.232	-1.131	210	242	-.367	.075	-.070	-.821
210	120	-.330	.059	-.153	-.518	210	170	-.310	.062	-.064	-.602	210	243	-.361	.084	-.104	-.934
210	121	-.325	.060	-.166	-.533	210	171	-.336	.064	-.135	-.706	210	244	-.357	.064	-.124	-.635
210	122	-.276	.053	-.107	-.688	210	172	-.320	.061	-.024	-.649	210	245	-.376	.068	-.187	-.758
210	123	-.264	.050	-.120	-.562	210	173	-.386	.091	-.093	-.740	210	246	-.387	.074	-.196	-.810
210	124	-.244	.041	-.083	-.380	210	174	-.327	.070	-.086	-.614	210	247	-.416	.084	-.237	-.880
210	125	-.251	.040	-.123	-.472	210	175	-.300	.126	-.117	-.755	210	248	-.424	.083	-.237	-.973
210	126	-.253	.040	-.137	-.416	210	176	-.472	.125	-.190	-1.111	210	249	-.401	.080	-.196	-.808
210	127	-.247	.044	-.098	-.397	210	177	-.436	.113	-.174	-.980	210	250	-.374	.071	-.149	-.760
210	128	-.250	.048	-.094	-.472	210	201	-.312	.057	-.113	-.539	210	251	-.386	.069	-.127	-.756
210	129	-.243	.044	-.103	-.444	210	202	-.314	.057	-.139	-.568	210	252	-.367	.077	-.187	-.767
210	130	-.297	.055	-.110	-.641	210	203	-.330	.059	-.066	-.787	210	253	-.397	.086	-.194	-.828
210	131	-.282	.052	-.115	-.752	210	204	-.351	.090	.016	-.854	210	254	-.409	.076	-.226	-.891
210	132	-.253	.044	-.102	-.439	210	205	-.354	.098	.001	-.994	210	255	-.381	.080	-.165	-.839
210	133	-.272	.042	-.120	-.462	210	206	-.311	.097	-.024	-.903	210	256	-.126	.063	.092	-.465
210	134	-.266	.041	-.151	-.491	210	207	-.283	.096	-.071	-.923	210	257	-.131	.056	.047	-.490
210	135	-.265	.039	-.113	-.394	210	208	-.297	.114	-.019	-.991	210	258	-.105	.051	.088	-.345
210	136	-.253	.040	-.106	-.416	210	209	-.287	.047	-.146	-.470	210	259	-.116	.054	.174	-.352
210	137	-.263	.045	-.127	-.409	210	210	-.291	.055	-.106	-.524	210	260	-.354	.077	-.156	-.733
210	138	-.334	.065	-.095	-.715	210	211	-.303	.058	-.124	-.645	210	261	-.357	.084	-.140	-1.106
210	139	-.328	.061	-.087	-.657	210	212	-.330	.069	-.099	-.696	210	262	-.366	.084	-.165	-.975
210	140	-.311	.050	-.052	-.488	210	213	-.340	.074	-.082	-.763	210	263	-.413	.094	-.160	-.916
210	141	-.319	.048	-.183	-.510	210	214	-.303	.075	-.073	-.670	210	264	-.399	.082	-.194	-.851
210	142	-.306	.045	-.171	-.457	210	215	-.289	.085	-.082	-1.007	210	265	-.388	.075	-.214	-.805
210	143	-.308	.045	-.151	-.462	210	216	-.297	.101	-.051	-1.162	210	266	-.379	.081	-.084	-.839
210	144	-.297	.047	-.151	-.498	210	217	-.302	.055	-.102	-.536	210	267	-.371	.076	-.142	-.788
210	145	-.295	.046	-.163	-.462	210	218	-.318	.066	-.079	-1.053	210	268	-.343	.058	-.122	-.652
210	146	-.344	.056	-.140	-.585	210	219	-.318	.079	-.048	-.834	210	269	-.348	.056	-.185	-.623
210	147	-.333	.054	-.202	-.614	210	220	-.280	.051	-.117	-.550	210	270	-.351	.087	-.127	-.817
210	148	-.322	.049	-.182	-.543	210	221	-.285	.051	-.133	-.556	210	271	-.370	.102	-.138	-1.106
210	149	-.318	.051	-.157	-.723	210	222	-.297	.053	-.124	-.607	210	272	-.393	.089	-.158	-.898
210	150	-.290	.046	-.096	-.456	210	223	-.319	.056	-.124	-.599	210	273	-.403	.070	-.208	-.715
210	151	-.277	.048	-.143	-.488	210	224	-.332	.056	-.164	-.603	210	274	-.354	.067	-.086	-.691
210	152	-.268	.047	-.103	-.454	210	225	-.322	.059	-.153	-.607	210	275	-.341	.078	-.102	-.751
210	153	-.271	.045	-.108	-.419	210	226	-.298	.068	-.119	-.796	210	276	-.110	.050	.070	-.327
210	154	-.335	.057	-.166	-.613	210	227	-.313	.083	-.070	-.847	210	277	-.114	.048	.072	-.332
210	155	-.356	.058	-.202	-.605	210	228	-.302	.052	-.148	-.574	210	278	-.104	.049	.074	-.316
210	156	-.349	.061	-.177	-.597	210	229	-.303	.051	-.122	-.508	210	279	-.063	.054	.185	-.266
210	157	-.408	.081	-.187	-.812	210	230	-.307	.052	-.148	-.581	210	280	-.326	.054	-.147	-.573
210	158	-.483	.117	-.182	-1.044	210	231	-.334	.053	-.146	-.548	210	281	-.327	.050	-.202	-.555
210	159	-.541	.161	-.182	-1.590	210	232	-.352	.055	-.186	-.550	210	282	-.100	.041	.063	-.230

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	283	-.107	.046	.068	-.341	210	339	.307	.132	.751	-.165	210	411	-.116	.043	.035	-.292
210	284	-.085	.050	.139	-.311	210	340	.284	.132	.774	-.014	210	412	-.031	.051	.208	-.172
210	285	-.037	.057	.234	-.202	210	341	.273	.133	.707	-.039	210	413	.023	.073	.310	-.193
210	286	-.253	.090	-.011	-.875	210	342	.213	.112	.612	-.085	210	414	-.067	.158	.340	-.779
210	287	-.342	.079	-.110	-.792	210	343	.211	.116	.573	-.099	210	415	-.254	.174	.287	-.790
210	288	-.374	.075	-.163	-.698	210	344	.099	.094	.521	-.176	210	416	.341	.140	.845	-.151
210	289	-.444	.088	-.248	-.875	210	345	-.033	.075	.287	-.281	210	417	.308	.131	.725	-.112
210	290	-.390	.071	-.221	-.792	210	346	.176	.101	.688	-.204	210	418	.313	.158	.803	-.188
210	291	-.332	.064	-.135	-.629	210	347	.178	.097	.552	-.169	210	419	-.310	.067	-.112	-.590
210	292	-.333	.073	-.133	-.716	210	348	.184	.096	.605	-.051	210	420	-.313	.063	-.142	-.592
210	293	-.330	.056	-.191	-.666	210	349	.189	.089	.630	-.044	210	421	-.292	.051	-.094	-.486
210	294	-.327	.056	-.177	-.640	210	350	.038	.085	.334	-.224	210	422	-.051	.055	.148	-.237
210	301	.127	.102	.451	-.303	210	351	.019	.069	.269	-.249	210	423	.063	.087	.377	-.288
210	302	.160	.107	.531	-.244	210	352	-.074	.073	.247	-.276	210	424	-.181	.135	.319	-1.044
210	303	.190	.146	.720	-.211	210	353	-.165	.063	.097	-.379	210	425	.352	.137	.745	-.096
210	304	.200	.122	.680	-.176	210	354	.097	.100	.550	-.334	210	426	.317	.138	.755	-.142
210	305	.029	.091	.355	-.289	210	355	.111	.105	.678	-.389	210	427	-.125	.064	.088	-.368
210	306	-.008	.093	.352	-.351	210	356	.120	.103	.650	-.209	210	428	-.115	.098	.227	-.430
210	307	.217	.123	.603	-.181	210	357	.091	.111	.552	-.282	210	429	-.329	.061	-.041	-.527
210	308	.351	.140	.845	-.074	210	358	.052	.130	.517	-.344	210	430	-.281	.048	-.110	-.518
210	309	.346	.141	.855	-.091	210	359	-.005	.100	.342	-.402	210	431	-.117	.041	.081	-.261
210	310	.291	.125	.697	-.193	210	360	-.181	.064	.079	-.452	210	432	-.009	.054	.196	-.173
210	311	.289	.116	.610	-.032	210	361	.027	.079	.425	-.234	210	433	.076	.074	.343	-.129
210	312	.278	.121	.643	-.107	210	362	-.021	.064	.207	-.229	210	434	-.075	.170	.384	-.584
210	313	.245	.114	.690	-.112	210	363	.064	.068	.415	-.201	210	435	-.182	.150	.417	-.814
210	314	.107	.098	.498	-.154	210	364	.110	.080	.477	-.109	210	436	.367	.137	.870	-.140
210	315	.377	.141	.830	-.084	210	365	.090	.075	.480	-.081	210	437	.305	.140	.731	-.229
210	316	.294	.121	.738	-.151	210	366	.070	.079	.502	-.136	210	438	.271	.168	.766	-.272
210	317	.426	.149	.996	-.064	210	367	-.023	.061	.259	-.196	210	439	-.206	.059	.090	-.374
210	318	.446	.125	.848	.102	210	368	-.077	.062	.162	-.354	210	440	-.329	.059	-.131	-.619
210	319	.407	.134	.872	-.001	210	369	-.078	.068	.244	-.374	210	441	.334	.134	.722	-.155
210	320	.361	.127	.797	-.052	210	370	.045	.052	.319	-.276	210	442	.265	.144	.757	-.121
210	321	.233	.099	.591	-.117	210	371	.109	.080	.780	-.096	210	443	-.185	.036	-.060	-.311
210	322	.469	.141	1.002	.092	210	372	.107	.077	.510	-.076	210	444	-.156	.036	-.010	-.274
210	323	.435	.128	.800	.097	210	373	.113	.086	.565	-.064	210	445	-.133	.042	.077	-.277
210	324	.429	.140	.848	.048	210	374	.072	.070	.550	-.108	210	446	-.080	.043	.098	-.242
210	325	.411	.139	.843	.020	210	375	.080	.069	.403	-.080	210	447	-.053	.045	.168	-.196
210	326	.344	.123	.825	-.026	210	376	.016	.057	.289	-.121	210	448	.024	.056	.265	-.183
210	327	.363	.123	.762	.030	210	377	-.044	.061	.299	-.222	210	449	.097	.071	.423	-.103
210	328	.233	.102	.566	-.097	210	378	.024	.079	.428	-.245	210	450	.109	.085	.449	-.199
210	329	.067	.080	.347	-.191	210	401	-.220	.053	-.029	-.424	210	451	.117	.099	.501	-.346
210	330	.359	.141	.913	-.178	210	402	-.163	.067	.049	-.437	210	452	.178	.106	.525	-.329
210	331	.411	.147	.866	-.078	210	403	-.046	.069	.192	-.336	210	453	.240	.152	.644	-.665
210	332	.374	.140	.838	.007	210	404	.035	.075	.335	-.241	210	454	.107	.247	.692	-.918
210	333	.350	.123	.756	.048	210	405	-.161	.117	.268	-.733	210	455	-.194	.035	-.066	-.298
210	334	.293	.114	.666	-.021	210	406	-.299	.177	.273	-.820	210	456	-.153	.036	.020	-.272
210	335	.290	.121	.730	-.052	210	407	-.319	.066	-.034	-.633	210	457	-.003	.050	.176	-.142
210	336	.162	.102	.578	-.191	210	408	-.317	.066	-.089	-.553	210	458	-.000	.051	.237	-.142
210	337	.022	.075	.274	-.288	210	409	-.308	.062	-.094	-.523	210	459	.040	.062	.304	-.108
210	338	.270	.148	.779	-.291	210	410	-.229	.044	-.073	-.410	210	460	.102	.071	.386	-.108

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	461	.144	.087	.404	-.300	210	511	.012	.080	.583	-.117	210	938	.100	.078	.479	-.132
210	462	.135	.093	.454	-.160	210	512	.057	.073	.472	-.083	210	939	.177	.080	.566	-.028
210	463	.118	.205	.692	-.606	210	513	.023	.071	.467	-.127	210	940	.102	.081	.441	-.197
210	464	.095	.199	.681	-.560	210	514	.057	.055	.284	-.137	210	941	-.165	.039	-.025	-.347
210	465	-.237	.039	-.095	-.409	210	515	.032	.067	.361	-.390	210	942	-.031	.048	.158	-.216
210	466	-.185	.039	-.021	-.324	210	516	.029	.066	.272	-.282	210	943	.048	.061	.289	-.226
210	467	-.116	.045	.068	-.274	210	801	-.268	.039	-.152	-.436	210	944	.086	.065	.334	-.139
210	468	-.031	.042	.148	-.186	210	802	.055	.115	.382	-.603	210	945	-.309	.069	-.074	-.646
210	469	-.019	.048	.233	-.147	210	803	-.021	.047	.188	-.154	210	946	-.091	.041	.078	-.289
210	470	.022	.055	.254	-.123	210	804	-.260	.046	-.120	-.499	210	947	-.002	.051	.293	-.393
210	471	.079	.079	.360	-.097	210	805	-.112	.019	-.051	-.165	210	948	.063	.060	.417	-.250
210	472	.098	.078	.428	-.363	210	806	.045	.031	.158	-.031	210	949	.057	.079	.351	-.346
210	473	.129	.092	.510	-.186	210	807	.040	.088	.317	-.406	220	101	-.306	.077	-.058	-.753
210	474	.114	.091	.430	-.396	210	901	-.191	.089	.169	-.548	220	102	-.306	.075	-.013	-.819
210	475	.097	.176	.616	-.691	210	902	-.364	.093	-.013	-.803	220	103	-.310	.065	-.080	-.650
210	476	.053	.186	.599	-.701	210	903	-.468	.091	-.164	-.987	220	104	-.329	.060	-.097	-.620
210	477	-.224	.040	-.066	-.370	210	904	-.216	.092	.229	-.525	220	105	-.345	.062	-.166	-.618
210	478	-.174	.038	-.015	-.329	210	905	-.442	.079	-.232	-.776	220	106	-.332	.064	-.132	-.591
210	479	-.082	.030	.060	-.178	210	906	-.324	.072	-.066	-.625	220	107	-.305	.072	-.112	-.650
210	480	-.075	.033	.120	-.174	210	907	-.358	.075	-.053	-.630	220	108	-.297	.063	-.064	-.740
210	481	-.104	.038	.067	-.247	210	908	-.447	.087	-.173	-.767	220	109	-.290	.050	-.146	-.495
210	482	.134	.076	.436	-.054	210	909	-.081	.044	.119	-.219	220	110	-.288	.052	-.125	-.490
210	483	.085	.066	.299	-.116	210	910	-.309	.056	-.161	-.772	220	111	-.302	.058	-.152	-.582
210	484	.082	.071	.343	-.173	210	911	.322	.152	.943	-.112	220	112	-.306	.063	-.136	-.588
210	485	.104	.096	.444	-.505	210	912	.147	.082	.540	-.098	220	113	-.344	.060	-.171	-.566
210	486	.038	.136	.382	-.644	210	913	-.294	.063	-.084	-.597	220	114	-.332	.057	-.164	-.573
210	487	-.299	.083	.028	-.762	210	914	.103	.103	.435	-.250	220	115	-.354	.058	-.186	-.660
210	488	-.182	.068	.219	-.480	210	915	-.366	.088	-.037	-.756	220	116	-.286	.042	-.147	-.450
210	489	-.182	.068	.086	-.463	210	916	-.438	.096	-.102	-.925	220	117	-.282	.042	-.154	-.474
210	490	-.106	.071	.226	-.526	210	917	-.329	.067	-.125	-.645	220	118	-.283	.049	-.144	-.572
210	491	-.046	.079	.313	-.340	210	918	-.305	.058	-.113	-.524	220	119	-.277	.046	-.096	-.483
210	492	-.002	.083	.302	-.358	210	919	-.356	.071	-.129	-.675	220	120	-.370	.060	-.186	-.585
210	493	.001	.088	.312	-.425	210	920	-.423	.097	-.108	-.847	220	121	-.348	.059	-.181	-.606
210	494	.019	.082	.392	-.389	210	921	-.456	.097	-.168	-.849	220	122	-.316	.054	-.159	-.672
210	495	.047	.078	.387	-.562	210	922	.341	.138	.859	-.047	220	123	-.304	.055	-.159	-.647
210	496	-.000	.109	.341	-.766	210	923	.307	.138	.715	-.132	220	124	-.283	.047	-.144	-.520
210	497	-.333	.078	-.044	-.668	210	924	-.063	.075	.227	-.299	220	125	-.295	.044	-.171	-.490
210	498	-.172	.056	.140	-.353	210	925	-.069	.067	.134	-.297	220	126	-.282	.041	-.135	-.414
210	499	-.174	.064	.066	-.414	210	926	-.279	.083	.008	-.663	220	127	-.286	.047	-.156	-.457
210	500	-.066	.060	.297	-.234	210	927	-.284	.063	-.012	-.556	220	128	-.297	.051	-.164	-.599
210	501	-.013	.072	.397	-.211	210	928	-.331	.061	-.163	-.618	220	129	-.281	.047	-.144	-.481
210	502	.024	.069	.305	-.198	210	929	-.026	.064	.207	-.206	220	130	-.340	.061	-.161	-.704
210	503	.023	.074	.351	-.263	210	930	.027	.075	.296	-.179	220	131	-.337	.059	-.200	-.625
210	504	.033	.054	.323	-.247	210	931	-.133	.097	.333	-.538	220	132	-.313	.050	-.156	-.561
210	505	.039	.078	.421	-.312	210	932	.368	.143	.869	-.075	220	133	-.321	.046	-.192	-.490
210	506	-.002	.084	.384	-.454	210	933	.256	.119	.653	-.298	220	134	-.310	.045	-.156	-.486
210	507	-.293	.070	-.038	-.554	210	934	-.315	.057	-.134	-.625	220	135	-.303	.043	-.173	-.452
210	508	-.203	.060	.025	-.441	210	935	-.360	.089	-.127	-.801	220	136	-.303	.043	-.149	-.438
210	509	.010	.074	.366	-.187	210	936	-.151	.037	.069	-.282	220	137	-.298	.041	-.173	-.447
210	510	-.023	.065	.303	-.156	210	937	-.056	.059	.250	-.209	220	138	-.399	.066	-.203	-.814

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	139	-.381	.059	-.209	-.766	220	212	-.321	.058	-.144	-.524	220	262	-.348	.061	-.189	-.743
220	140	-.366	.052	-.169	-.602	220	213	-.310	.063	-.113	-.612	220	263	-.394	.075	-.205	-.891
220	141	-.370	.050	-.216	-.548	220	214	-.279	.058	-.093	-.621	220	264	-.413	.073	-.248	-.846
220	142	-.349	.050	-.209	-.517	220	215	-.276	.058	-.102	-.579	220	265	-.400	.070	-.197	-.751
220	143	-.342	.044	-.202	-.510	220	216	-.273	.058	-.093	-.792	220	266	-.404	.070	-.210	-.785
220	144	-.340	.046	-.180	-.514	220	217	-.294	.043	-.166	-.519	220	267	-.387	.065	-.214	-.869
220	145	-.339	.048	-.176	-.512	220	218	-.310	.050	-.153	-.526	220	268	-.366	.057	-.232	-.740
220	146	-.371	.058	-.219	-.907	220	219	-.286	.058	-.093	-.648	220	269	-.365	.052	-.219	-.594
220	147	-.374	.055	-.171	-.585	220	220	-.281	.045	-.155	-.450	220	270	-.337	.071	-.110	-.828
220	148	-.362	.051	-.226	-.603	220	221	-.278	.043	-.124	-.470	220	271	-.347	.076	-.140	-.772
220	149	-.367	.052	-.228	-.583	220	222	-.286	.043	-.155	-.457	220	272	-.389	.076	-.210	-1.038
220	150	-.318	.044	-.184	-.511	220	223	-.304	.046	-.155	-.493	220	273	-.416	.066	-.255	-.774
220	151	-.310	.047	-.161	-.523	220	224	-.312	.046	-.182	-.550	220	274	-.383	.059	-.142	-.643
220	152	-.306	.046	-.149	-.473	220	225	-.289	.047	-.157	-.488	220	275	-.361	.069	-.156	-.770
220	153	-.306	.046	-.136	-.498	220	226	-.276	.044	-.097	-.459	220	276	-.159	.052	.020	-.384
220	154	-.371	.059	-.196	-.651	220	227	-.281	.046	-.115	-.501	220	277	-.151	.047	.000	-.395
220	155	-.419	.062	-.226	-.648	220	228	-.306	.046	-.157	-.457	220	278	-.161	.048	-.009	-.359
220	156	-.400	.063	-.233	-.703	220	229	-.312	.046	-.128	-.468	220	279	-.112	.052	.131	-.300
220	157	-.461	.096	-.199	-.855	220	230	-.315	.048	-.166	-.539	220	280	-.362	.051	-.217	-.586
220	158	-.562	.131	-.174	-1.184	220	231	-.334	.045	-.188	-.530	220	281	-.372	.051	-.245	-.565
220	159	-.675	.231	-.169	-2.323	220	232	-.342	.049	-.193	-.546	220	282	-.140	.042	.018	-.335
220	160	-.518	.145	-.144	-1.172	220	233	-.319	.053	-.113	-.557	220	283	-.157	.047	-.002	-.351
220	161	-.393	.060	-.223	-.658	220	234	-.306	.058	-.016	-.492	220	284	-.155	.048	.055	-.321
220	162	-.434	.084	-.189	-.783	220	235	-.316	.057	-.097	-.557	220	285	-.099	.053	.138	-.259
220	163	-.362	.071	.004	-.848	220	236	-.355	.052	-.196	-.589	220	286	-.239	.071	-.037	-.602
220	164	-.378	.060	-.199	-.650	220	237	-.349	.051	-.201	-.528	220	287	-.339	.065	-.164	-.660
220	165	-.372	.060	-.161	-.613	220	238	-.365	.049	-.185	-.566	220	288	-.373	.066	-.192	-.669
220	166	-.446	.096	-.141	-.900	220	239	-.380	.057	-.237	-.603	220	289	-.463	.082	-.249	-.858
220	167	-.464	.092	-.169	-.820	220	240	-.381	.055	-.223	-.612	220	290	-.412	.064	-.233	-.722
220	168	-.457	.126	-.089	-1.194	220	241	-.379	.056	-.124	-.573	220	291	-.361	.062	-.178	-.644
220	169	-.537	.132	-.211	-1.155	220	242	-.382	.063	-.169	-.774	220	292	-.343	.068	-.150	-.789
220	170	-.350	.072	-.024	-.658	220	243	-.383	.064	-.133	-.754	220	293	-.361	.052	-.178	-.575
220	171	-.377	.066	-.206	-.780	220	244	-.364	.055	-.227	-.597	220	294	-.361	.051	-.235	-.625
220	172	-.350	.058	-.131	-.650	220	245	-.366	.056	-.205	-.675	220	301	.142	.114	.652	-.184
220	173	-.442	.095	-.041	-.875	220	246	-.378	.060	-.208	-.612	220	302	.142	.113	.520	-.209
220	174	-.364	.082	-.086	-.720	220	247	-.408	.069	-.235	-.916	220	303	.084	.126	.583	-.268
220	175	-.188	.103	.193	-.808	220	248	-.420	.064	-.264	-.880	220	304	.192	.128	.588	-.191
220	176	-.527	.163	-.149	-1.576	220	249	-.413	.070	-.205	-.754	220	305	-.031	.082	.258	-.364
220	177	-.457	.145	-.119	-1.547	220	250	-.406	.063	-.235	-.736	220	306	-.080	.074	.252	-.306
220	201	-.300	.050	-.119	-.470	220	251	-.406	.060	-.250	-.770	220	307	.297	.131	.779	-.119
220	202	-.304	.046	-.131	-.539	220	252	-.359	.061	-.201	-.645	220	308	.367	.143	.809	-.082
220	203	-.323	.062	-.133	-.615	220	253	-.387	.067	-.221	-.706	220	309	.237	.160	.805	-.351
220	204	-.338	.073	-.082	-.686	220	254	-.415	.070	-.253	-.729	220	310	.227	.117	.595	-.222
220	205	-.329	.079	-.091	-.841	220	255	-.399	.067	-.061	-.704	220	311	.227	.101	.570	-.102
220	206	-.281	.076	-.068	-.786	220	256	-.172	.055	.036	-.417	220	312	.247	.110	.685	-.069
220	207	-.270	.073	-.068	-.948	220	257	-.165	.053	.002	-.429	220	313	.174	.106	.530	-.169
220	208	-.278	.071	-.075	-.837	220	258	-.159	.049	.007	-.463	220	314	.043	.079	.498	-.223
220	209	-.284	.041	-.162	-.466	220	259	-.154	.050	.029	-.377	220	315	.421	.141	.802	-.007
220	210	-.275	.048	-.083	-.455	220	260	-.343	.066	-.171	-.948	220	316	.368	.141	.810	-.050
220	211	-.296	.046	-.142	-.617	220	261	-.346	.064	-.151	-.652	220	317	.382	.161	.855	-.232

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	318	.339	.129	.729	-.087	220	368	-.124	.061	.117	-.361	220	440	-.350	.059	-.097	-.615
220	319	.315	.121	.731	-.107	220	369	-.118	.068	.134	-.447	220	441	.404	.133	.781	-.008
220	320	.274	.106	.647	-.025	220	370	.036	.052	.299	-.207	220	442	.390	.151	.853	-.017
220	321	.312	.119	.759	-.044	220	371	.052	.063	.402	-.177	220	443	-.182	.038	-.045	-.312
220	322	.371	.157	.906	-.269	220	372	.079	.072	.435	-.285	220	444	-.130	.045	.096	-.266
220	323	.401	.137	.806	-.040	220	373	.082	.064	.349	-.070	220	445	-.081	.054	.157	-.260
220	324	.346	.130	.736	-.007	220	374	.035	.059	.305	-.174	220	446	-.024	.055	.222	-.192
220	325	.309	.116	.670	.008	220	375	.035	.059	.328	-.104	220	447	.013	.063	.289	-.164
220	326	.283	.109	.708	-.071	220	376	-.039	.052	.149	-.281	220	448	.110	.076	.443	-.101
220	327	.288	.113	.650	-.032	220	377	-.121	.067	.120	-.375	220	449	.198	.091	.521	-.028
220	328	.160	.091	.478	-.164	220	378	-.062	.075	.263	-.289	220	450	.236	.107	.647	-.084
220	329	-.003	.063	.222	-.228	220	401	-.248	.053	.037	-.413	220	451	.262	.111	.643	-.153
220	330	.335	.165	.826	-.369	220	402	-.180	.069	.092	-.457	220	452	.300	.117	.751	-.116
220	331	.301	.153	.777	-.430	220	403	-.045	.096	.256	-.360	220	453	.384	.133	.799	-.095
220	332	.297	.130	.726	-.220	220	404	.121	.099	.464	-.233	220	454	.401	.152	.859	-.208
220	333	.275	.112	.636	-.030	220	405	.026	.126	.466	-.480	220	455	-.207	.039	-.060	-.333
220	334	.228	.096	.536	-.028	220	406	-.012	.161	.401	-.685	220	456	-.134	.044	.150	-.275
220	335	.225	.102	.665	-.067	220	407	-.312	.087	.088	-.729	220	457	.039	.059	.300	-.108
220	336	.101	.088	.431	-.201	220	408	-.337	.076	.076	-.600	220	458	.055	.061	.328	-.090
220	337	-.046	.061	.165	-.251	220	409	-.361	.063	-.150	-.635	220	459	.113	.072	.408	-.069
220	338	.175	.188	.713	-.653	220	410	-.224	.049	-.058	-.397	220	460	.183	.087	.525	-.019
220	339	.205	.142	.703	-.522	220	411	-.079	.052	.136	-.268	220	461	.233	.093	.534	-.008
220	340	.183	.107	.616	-.443	220	412	.034	.066	.323	-.166	220	462	.251	.114	.617	-.054
220	341	.178	.090	.524	-.053	220	413	.134	.089	.519	-.159	220	463	.323	.137	.864	-.210
220	342	.147	.089	.547	-.087	220	414	.134	.124	.579	-.651	220	464	.352	.155	.862	-.301
220	343	.145	.091	.506	-.104	220	415	.053	.175	.503	-.651	220	465	-.250	.037	-.106	-.379
220	344	.036	.077	.394	-.174	220	416	.393	.140	.844	-.014	220	466	-.172	.042	.001	-.296
220	345	-.088	.057	.155	-.261	220	417	.377	.139	.833	-.005	220	467	-.076	.049	.174	-.218
220	346	.118	.100	.620	-.420	220	418	.428	.151	.923	-.074	220	468	.020	.057	.263	-.155
220	347	.130	.087	.559	-.189	220	419	-.307	.072	-.016	-.618	220	469	.027	.057	.293	-.108
220	348	.135	.082	.461	-.187	220	420	-.351	.062	-.169	-.632	220	470	.067	.065	.343	-.099
220	349	.142	.083	.451	-.202	220	421	-.290	.050	-.150	-.512	220	471	.129	.083	.445	-.103
220	350	-.043	.070	.253	-.270	220	422	.004	.071	.263	-.298	220	472	.194	.099	.619	-.043
220	351	-.065	.071	.165	-.351	220	423	.123	.095	.457	-.148	220	473	.196	.106	.658	-.034
220	352	-.128	.057	.099	-.323	220	424	.039	.152	.745	-.448	220	474	.220	.106	.645	-.010
220	353	-.208	.053	.008	-.412	220	425	.397	.136	.932	-.026	220	475	.227	.122	.651	-.195
220	354	.024	.088	.430	-.384	220	426	.334	.134	.837	-.039	220	476	.225	.159	.792	-.393
220	355	.044	.094	.476	-.402	220	427	-.067	.058	.166	-.344	220	477	-.226	.038	-.103	-.372
220	356	.048	.080	.552	-.245	220	428	.022	.096	.323	-.415	220	478	-.165	.039	.011	-.295
220	357	.025	.093	.443	-.384	220	429	-.352	.091	-.002	-.623	220	479	-.074	.033	.141	-.167
220	358	-.084	.111	.306	-.526	220	430	-.260	.055	.009	-.422	220	480	-.065	.037	.082	-.166
220	359	-.089	.099	.299	-.468	220	431	-.079	.053	.168	-.239	220	481	-.083	.044	.151	-.195
220	360	-.213	.057	.028	-.425	220	432	.076	.077	.326	-.116	220	482	.147	.086	.571	-.052
220	361	-.013	.073	.488	-.318	220	433	.185	.088	.484	-.054	220	483	.122	.068	.357	-.065
220	362	-.098	.070	.203	-.414	220	434	.154	.153	.705	-.489	220	484	.128	.079	.368	-.047
220	363	.035	.061	.370	-.258	220	435	.097	.171	.727	-.459	220	485	.133	.075	.500	-.255
220	364	.066	.064	.370	-.179	220	436	.429	.139	.829	.027	220	486	.142	.089	.482	-.279
220	365	.043	.059	.339	-.162	220	437	.408	.144	.836	.042	220	487	-.319	.101	.052	-.775
220	366	.039	.070	.466	-.124	220	438	.409	.159	.868	-.173	220	488	-.157	.071	.172	-.492
220	367	-.059	.060	.182	-.303	220	439	-.180	.070	.161	-.377	220	489	-.152	.064	.072	-.455

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	490	-.055	.062	.264	-.319	220	917	-.370	.073	-.180	-.764	230	118	-.311	.048	-.169	-.542
220	491	-.019	.086	.369	-.407	220	918	-.337	.060	-.188	-.635	230	119	-.296	.047	-.106	-.492
220	492	.024	.088	.394	-.302	220	919	-.399	.069	-.109	-.646	230	120	-.348	.075	-.068	-.623
220	493	.072	.076	.511	-.378	220	920	-.456	.094	-.146	-.810	230	121	-.344	.069	-.068	-.584
220	494	.046	.087	.537	-.263	220	921	-.462	.096	-.171	-.892	230	122	-.342	.058	-.196	-.586
220	495	.061	.089	.467	-.310	220	922	.319	.140	.801	-.043	230	123	-.346	.059	-.174	-.675
220	496	.038	.102	.511	-.492	220	923	.339	.130	.775	-.028	230	124	-.332	.053	-.186	-.530
220	497	-.323	.085	.003	-.654	220	924	-.035	.084	.288	-.301	230	125	-.320	.046	-.193	-.513
220	498	-.158	.058	.136	-.378	220	925	-.064	.073	.219	-.328	230	126	-.300	.039	-.183	-.474
220	499	-.158	.065	.164	-.381	220	926	-.180	.091	.340	-.510	230	127	-.313	.046	-.178	-.460
220	500	-.049	.060	.258	-.245	220	927	-.276	.070	.101	-.548	230	128	-.328	.047	-.188	-.520
220	501	.010	.076	.323	-.214	220	928	-.352	.055	-.123	-.548	230	129	-.307	.049	-.128	-.509
220	502	.033	.074	.425	-.146	220	929	.023	.074	.318	-.223	230	130	-.373	.055	-.233	-.648
220	503	.034	.074	.334	-.193	220	930	.092	.086	.377	-.198	230	131	-.376	.055	-.228	-.719
220	504	.063	.069	.344	-.146	220	931	.098	.112	.374	-.461	230	132	-.371	.056	-.203	-.554
220	505	.042	.068	.292	-.263	220	932	.392	.146	.867	.024	230	133	-.373	.051	-.215	-.566
220	506	.022	.070	.409	-.250	220	933	.363	.120	.783	.021	230	134	-.342	.042	-.210	-.491
220	507	-.287	.084	-.047	-.662	220	934	-.361	.056	-.202	-.643	230	135	-.336	.042	-.205	-.491
220	508	-.188	.062	.054	-.402	220	935	-.384	.088	-.126	-.756	230	136	-.330	.042	-.166	-.491
220	509	.020	.074	.437	-.170	220	936	-.160	.047	.167	-.312	230	137	-.321	.044	-.205	-.484
220	510	-.009	.064	.445	-.136	220	937	-.040	.066	.286	-.272	230	138	-.399	.060	-.245	-.955
220	511	.042	.083	.433	-.136	220	938	.167	.091	.674	-.080	230	139	-.403	.058	-.251	-.717
220	512	.094	.094	.550	-.085	220	939	.141	.069	.452	-.114	230	140	-.391	.051	-.246	-.642
220	513	.079	.078	.472	-.109	220	940	.096	.076	.386	-.226	230	141	-.392	.055	-.258	-.628
220	514	.084	.063	.430	-.092	220	941	-.163	.045	-.016	-.392	230	142	-.377	.047	-.234	-.566
220	515	.056	.062	.415	-.190	220	942	-.022	.055	.225	-.236	230	143	-.367	.044	-.229	-.537
220	516	.042	.061	.386	-.248	220	943	.071	.082	.372	-.212	230	144	-.370	.043	-.227	-.551
220	801	-.290	.039	-.138	-.445	220	944	.088	.068	.345	-.182	230	145	-.372	.047	-.236	-.515
220	802	.126	.090	.498	-.260	220	945	-.319	.074	-.040	-.766	230	146	-.386	.056	-.244	-.633
220	803	.014	.048	.266	-.125	220	946	-.074	.042	.074	-.282	230	147	-.375	.056	-.224	-.650
220	804	-.299	.048	-.138	-.501	220	947	.015	.059	.359	-.243	230	148	-.382	.050	-.242	-.561
220	805	-.120	.018	-.052	-.188	220	948	.058	.072	.328	-.221	230	149	-.382	.050	-.252	-.687
220	806	.032	.025	.110	-.049	220	949	.055	.074	.393	-.224	230	150	-.340	.049	-.192	-.546
220	807	.077	.067	.333	-.297	230	101	-.358	.087	-.095	-.883	230	151	-.336	.052	-.195	-.539
220	901	-.257	.082	.165	-.581	230	102	-.349	.089	-.080	-.847	230	152	-.327	.048	-.185	-.506
220	902	-.355	.086	.014	-.730	230	103	-.354	.073	-.147	-.797	230	153	-.327	.046	-.182	-.519
220	903	-.471	.102	-.195	-.983	230	104	-.367	.071	-.147	-.665	230	154	-.385	.059	-.228	-.651
220	904	-.269	.079	.056	-.548	230	105	-.374	.067	-.166	-.697	230	155	-.422	.066	-.269	-.719
220	905	-.457	.085	-.206	-.803	230	106	-.367	.066	-.152	-.635	230	156	-.423	.063	-.264	-.675
220	906	-.355	.074	-.086	-.663	230	107	-.358	.088	-.139	-.893	230	157	-.466	.096	-.217	-.853
220	907	-.363	.076	-.099	-.644	230	108	-.344	.077	-.143	-.732	230	158	-.594	.150	-.133	-1.380
220	908	-.450	.082	-.186	-.790	230	109	-.317	.055	-.149	-.699	230	159	-.636	.268	.033	-2.071
220	909	-.078	.053	.164	-.238	230	110	-.325	.056	-.154	-.657	230	160	-.464	.147	-.108	-1.170
220	910	-.336	.063	-.138	-.560	230	111	-.356	.073	-.159	-.645	230	161	-.410	.066	-.219	-.655
220	911	.196	.143	.781	-.238	230	112	-.341	.075	-.145	-.727	230	162	-.456	.088	-.222	-.833
220	912	.121	.079	.481	-.082	230	113	-.394	.064	-.210	-.657	230	163	-.374	.071	-.068	-.744
220	913	-.330	.059	-.104	-.582	230	114	-.350	.062	-.160	-.591	230	164	-.384	.060	-.202	-.732
220	914	.081	.104	.416	-.274	230	115	-.367	.068	-.120	-.655	230	165	-.384	.060	-.214	-.635
220	915	-.384	.079	-.135	-.759	230	116	-.316	.050	-.159	-.496	230	166	-.449	.098	-.180	-.779
220	916	-.446	.093	-.097	-.923	230	117	-.310	.046	-.166	-.494	230	167	-.475	.092	-.207	-.902

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	168	-.410	.148	.115	-1.098	230	241	-.373	.049	-.183	-.579	230	291	-.370	.061	-.153	-.682
230	169	-.487	.128	-.219	-1.145	230	242	-.388	.053	-.136	-.595	230	292	-.344	.062	-.181	-.664
230	170	-.354	.080	.008	-.709	230	243	-.391	.054	-.194	-.584	230	293	-.378	.056	-.228	-.615
230	171	-.387	.069	-.205	-.764	230	244	-.365	.048	-.229	-.610	230	294	-.377	.058	-.232	-.622
230	172	-.350	.059	-.063	-.596	230	245	-.361	.050	-.210	-.564	230	301	.121	.120	.550	-.450
230	173	-.472	.107	-.026	-.868	230	246	-.366	.046	-.260	-.552	230	302	.090	.106	.480	-.246
230	174	-.350	.084	-.019	-.640	230	247	-.393	.060	-.260	-.840	230	303	-.043	.108	.440	-.443
230	175	-.130	.093	.238	-.455	230	248	-.405	.064	-.256	-.747	230	304	.189	.128	.562	-.483
230	176	-.441	.153	-.135	-1.286	230	249	-.405	.060	-.228	-.819	230	305	-.086	.073	.195	-.369
230	177	-.373	.141	-.915	-1.214	230	250	-.401	.067	-.241	-.806	230	306	-.140	.061	.147	-.421
230	201	-.304	.047	-.129	-.561	230	251	-.406	.055	-.267	-.591	230	307	.347	.139	.851	-.072
230	202	-.303	.048	-.164	-.479	230	252	-.357	.052	-.222	-.598	230	308	.345	.143	.833	-.152
230	203	-.324	.057	-.120	-.581	230	253	-.371	.054	-.237	-.731	230	309	-.021	.174	.516	-.563
230	204	-.326	.069	-.107	-.713	230	254	-.409	.063	-.237	-.776	230	310	.036	.146	.407	-.554
230	205	-.305	.066	-.071	-.601	230	255	-.410	.060	-.253	-.733	230	311	.145	.097	.459	-.208
230	206	-.286	.057	-.093	-.657	230	256	-.220	.046	-.054	-.416	230	312	.157	.107	.532	-.189
230	207	-.282	.064	-.108	-.665	230	257	-.220	.044	-.047	-.398	230	313	.090	.088	.418	-.157
230	208	-.303	.064	-.095	-.677	230	258	-.224	.044	-.083	-.421	230	314	-.032	.068	.221	-.236
230	209	-.294	.038	-.160	-.425	230	259	-.221	.051	-.065	-.478	230	315	.406	.144	.826	-.003
230	210	-.276	.042	-.141	-.449	230	260	-.336	.051	-.201	-.582	230	316	.417	.147	.985	-.033
230	211	-.302	.046	-.153	-.510	230	261	-.337	.056	-.190	-.613	230	317	.120	.214	.732	-.643
230	212	-.313	.047	-.160	-.637	230	262	-.343	.052	-.208	-.586	230	318	.208	.126	.587	-.305
230	213	-.293	.047	-.162	-.568	230	263	-.385	.063	-.251	-.928	230	319	.154	.123	.566	-.426
230	214	-.276	.045	-.149	-.510	230	264	-.415	.066	-.242	-.878	230	320	.190	.094	.518	-.115
230	215	-.291	.052	-.115	-.552	230	265	-.403	.076	-.156	-.783	230	321	.349	.137	.754	-.047
230	216	-.301	.052	-.127	-.539	230	266	-.416	.067	-.235	-.665	230	322	.183	.217	.700	-1.135
230	217	-.297	.043	-.164	-.459	230	267	-.390	.059	-.228	-.622	230	323	.295	.126	.748	-.149
230	218	-.304	.045	-.147	-.512	230	268	-.386	.056	-.247	-.720	230	324	.163	.146	.538	-.418
230	219	-.285	.045	-.140	-.445	230	269	-.394	.055	-.233	-.598	230	325	.183	.110	.548	-.187
230	220	-.290	.042	-.158	-.459	230	270	-.336	.065	-.163	-.711	230	326	.188	.096	.556	-.046
230	221	-.282	.037	-.171	-.436	230	271	-.349	.060	-.194	-.641	230	327	.191	.099	.599	-.107
230	222	-.289	.038	-.147	-.463	230	272	-.378	.059	-.235	-.786	230	328	.097	.074	.390	-.162
230	223	-.306	.040	-.187	-.461	230	273	-.428	.062	-.249	-.709	230	329	-.066	.053	.256	-.261
230	224	-.299	.040	-.180	-.438	230	274	-.381	.060	-.219	-.758	230	330	.032	.199	.605	-.856
230	225	-.291	.044	-.164	-.488	230	275	-.357	.061	-.176	-.607	230	331	.058	.203	.548	-.731
230	226	-.294	.042	-.151	-.454	230	276	-.207	.043	.007	-.396	230	332	.130	.143	.561	-.610
230	227	-.313	.046	-.167	-.512	230	277	-.218	.044	-.038	-.389	230	333	.146	.096	.533	-.382
230	228	-.301	.044	-.158	-.490	230	278	-.224	.048	-.068	-.455	230	334	.154	.082	.472	-.131
230	229	-.304	.042	-.167	-.450	230	279	-.190	.046	-.018	-.464	230	335	.149	.094	.450	-.152
230	230	-.315	.041	-.196	-.450	230	280	-.380	.053	-.228	-.617	230	336	.045	.071	.333	-.261
230	231	-.327	.042	-.198	-.481	230	281	-.377	.055	-.230	-.624	230	337	-.090	.047	.084	-.276
230	232	-.323	.044	-.180	-.516	230	282	-.210	.037	-.079	-.383	230	338	-.026	.203	.613	-.692
230	233	-.313	.047	-.140	-.490	230	283	-.211	.040	-.096	-.358	230	339	-.016	.216	.597	-.733
230	234	-.321	.049	-.126	-.493	230	284	-.207	.039	-.054	-.344	230	340	.061	.148	.554	-.705
230	235	-.326	.050	-.104	-.518	230	285	-.172	.046	.002	-.330	230	341	.057	.105	.356	-.618
230	236	-.351	.042	-.190	-.500	230	286	-.225	.055	.023	-.471	230	342	.072	.081	.364	-.272
230	237	-.345	.044	-.219	-.496	230	287	-.331	.055	-.156	-.571	230	343	.073	.077	.398	-.184
230	238	-.365	.044	-.242	-.557	230	288	-.374	.058	-.195	-.636	230	344	-.007	.067	.251	-.269
230	239	-.374	.048	-.217	-.543	230	289	-.452	.075	-.279	-.752	230	345	-.125	.050	.119	-.276
230	240	-.379	.049	-.185	-.573	230	290	-.412	.058	-.258	-.645	230	346	.009	.124	.529	-.550

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	347	.036	.108	.403	-.517	230	419	-.275	.089	.118	-.615	230	468	.074	.071	.367	-.132
230	348	.055	.106	.353	-.806	230	420	-.394	.067	.039	-.648	230	470	.121	.074	.425	-.062
230	349	.065	.110	.418	-.469	230	421	-.281	.059	-.052	-.478	230	471	.206	.092	.599	-.036
230	350	-.147	.067	.190	-.397	230	422	.052	.089	.442	-.214	230	472	.233	.103	.645	-.010
230	351	-.146	.065	.072	-.364	230	423	.177	.110	.598	-.156	230	473	.243	.111	.665	-.034
230	352	-.178	.056	.030	-.357	230	424	.244	.159	.841	-.402	230	474	.262	.105	.728	.001
230	353	-.247	.049	-.063	-.419	230	425	.441	.161	.959	-.040	230	475	.276	.121	.819	-.051
230	354	-.033	.095	.381	-.617	230	426	.232	.122	.788	-.200	230	476	.212	.129	.688	-.242
230	355	-.015	.092	.391	-.495	230	427	-.061	.056	.180	-.244	230	477	-.223	.045	-.054	-.384
230	356	-.004	.083	.361	-.352	230	428	.088	.088	.412	-.427	230	478	-.143	.048	.139	-.297
230	357	-.041	.081	.296	-.402	230	429	-.276	.130	.220	-.627	230	479	-.057	.036	.127	-.167
230	358	-.120	.099	.265	-.572	230	430	-.202	.070	.097	-.423	230	480	-.049	.040	.154	-.157
230	359	-.181	.091	.115	-.507	230	431	-.016	.074	.266	-.216	230	481	-.051	.053	.262	-.188
230	360	-.263	.058	-.033	-.502	230	432	.148	.095	.480	-.119	230	482	.157	.085	.523	-.015
230	361	-.087	.069	.205	-.515	230	433	.241	.110	.573	-.064	230	483	.129	.067	.411	-.025
230	362	-.154	.063	.077	-.452	230	434	.299	.130	.695	-.158	230	484	.129	.067	.360	-.043
230	363	-.005	.068	.291	-.296	230	435	.279	.159	.815	-.315	230	485	.129	.073	.512	-.064
230	364	.018	.062	.265	-.244	230	436	.436	.138	.865	.079	230	486	.110	.086	.479	-.175
230	365	-.025	.054	.193	-.294	230	437	.421	.155	.885	-.027	230	487	-.251	.090	.059	-.562
230	366	-.036	.051	.281	-.254	230	438	.425	.148	.915	-.125	230	488	-.108	.057	.142	-.360
230	367	-.134	.048	.075	-.304	230	439	-.146	.079	.221	-.352	230	489	-.127	.061	.125	-.345
230	368	-.214	.060	.005	-.512	230	440	-.342	.073	-.040	-.646	230	490	-.035	.055	.217	-.273
230	369	-.196	.072	.032	-.512	230	441	.397	.145	.806	-.040	230	491	.041	.072	.481	-.338
230	370	-.002	.071	.311	-.384	230	442	.323	.148	.882	-.080	230	492	.085	.081	.437	-.320
230	371	.010	.068	.338	-.241	230	443	-.166	.047	.044	-.339	230	493	.081	.085	.517	-.237
230	372	.025	.066	.331	-.306	230	444	-.091	.061	.147	-.267	230	494	.087	.078	.510	-.175
230	373	.035	.061	.393	-.136	230	445	-.019	.072	.275	-.263	230	495	.093	.080	.574	-.180
230	374	-.016	.049	.207	-.160	230	446	.042	.073	.347	-.152	230	496	.076	.100	.595	-.369
230	375	-.023	.044	.282	-.139	230	447	.087	.076	.338	-.143	230	497	-.263	.084	.101	-.576
230	376	-.110	.043	.088	-.253	230	448	.185	.099	.502	-.060	230	498	-.112	.054	.101	-.366
230	377	-.196	.063	.019	-.441	230	449	.281	.116	.647	-.003	230	499	-.128	.065	.158	-.453
230	378	-.134	.076	.251	-.387	230	450	.327	.133	.795	-.034	230	500	-.023	.051	.238	-.250
230	401	-.252	.059	.016	-.462	230	451	.349	.125	.717	-.006	230	501	.048	.072	.435	-.113
230	402	-.166	.079	.248	-.409	230	452	.352	.132	.815	-.199	230	502	.084	.078	.445	-.069
230	403	-.061	.108	.361	-.404	230	453	.437	.147	.922	.086	230	503	.092	.076	.471	-.255
230	404	.177	.129	.537	-.263	230	454	.439	.151	.909	.016	230	504	.105	.071	.437	-.056
230	405	.181	.127	.614	-.304	230	455	-.194	.041	-.047	-.347	230	505	.074	.069	.406	-.116
230	406	.178	.149	.660	-.603	230	456	-.103	.050	.125	-.265	230	506	.045	.060	.362	-.160
230	407	-.214	.129	.368	-.532	230	457	.104	.072	.388	-.106	230	507	-.223	.077	.042	-.630
230	408	-.273	.121	.303	-.685	230	458	.128	.076	.397	-.073	230	508	-.144	.067	.333	-.442
230	409	-.376	.080	.009	-.689	230	459	.186	.091	.549	-.056	230	509	.040	.071	.449	-.120
230	410	-.200	.060	.062	-.406	230	460	.261	.109	.652	-.008	230	510	-.001	.049	.350	-.118
230	411	-.025	.070	.245	-.244	230	461	.303	.116	.798	.014	230	511	.071	.077	.408	-.069
230	412	.109	.086	.421	-.232	230	462	.330	.124	.684	.034	230	512	.113	.090	.565	-.072
230	413	.213	.111	.642	-.137	230	463	.392	.134	.837	.042	230	513	.087	.079	.454	-.108
230	414	.257	.128	.725	-.228	230	464	.390	.141	.896	-.162	230	514	.097	.070	.652	-.045
230	415	.256	.146	.714	-.397	230	465	-.237	.042	-.082	-.382	230	515	.052	.059	.425	-.081
230	416	.405	.146	.913	-.070	230	466	-.146	.046	.075	-.291	230	516	.052	.059	.335	-.122
230	417	.411	.140	.841	-.028	230	467	-.022	.059	.251	-.202	230	801	-.287	.039	-.147	-.402
230	418	.422	.139	.876	-.063	230	468	.063	.064	.404	-.117	230	802	.098	.086	.481	-.188

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	803	.029	.046	.223	-.095	230	946	-.058	.045	.142	-.290	240	147	-.384	.057	-.259	-.758
230	804	-.331	.049	-.170	-.515	230	947	.037	.059	.282	-.229	240	148	-.380	.049	-.254	-.582
230	805	-.124	.019	-.036	-.178	230	948	.045	.066	.352	-.311	240	149	-.379	.052	-.239	-.554
230	806	-.013	.037	.109	-.123	230	949	.021	.076	.325	-.241	240	150	-.358	.049	-.215	-.584
230	807	.024	.086	.375	-.494	240	101	-.373	.102	-.021	-.988	240	151	-.348	.054	-.205	-.733
230	901	-.307	.072	.041	-.597	240	102	-.371	.099	-.063	-1.039	240	152	-.347	.053	-.190	-.693
230	902	-.325	.072	-.013	-.594	240	103	-.370	.087	-.073	-.965	240	153	-.343	.053	-.187	-.592
230	903	-.492	.103	-.225	-1.062	240	104	-.391	.078	-.139	-.782	240	154	-.392	.060	-.242	-.678
230	904	-.305	.071	.007	-.561	240	105	-.397	.078	-.168	-.826	240	155	-.422	.062	-.267	-.760
230	905	-.480	.092	-.196	-.915	240	106	-.409	.083	-.161	-.762	240	156	-.449	.069	-.267	-.716
230	906	-.395	.078	-.176	-.655	240	107	-.402	.111	-.144	-1.191	240	157	-.449	.092	-.170	-.897
230	907	-.422	.087	-.147	-.779	240	108	-.391	.095	-.088	-1.001	240	158	-.602	.164	-.130	-1.480
230	908	-.463	.090	-.185	-.846	240	109	-.336	.066	-.164	-.745	240	159	-.606	.299	.093	-2.380
230	909	-.080	.054	.125	-.234	240	110	-.347	.072	-.147	-.752	240	160	-.420	.156	-.048	-1.378
230	910	-.350	.058	-.173	-.612	240	111	-.359	.076	-.164	-.750	240	161	-.416	.064	-.242	-.703
230	911	.043	.160	.652	-.495	240	112	-.344	.071	-.133	-.738	240	162	-.484	.087	-.222	-.912
230	912	.080	.070	.425	-.118	240	113	-.379	.075	-.151	-.720	240	163	-.382	.080	-.103	-.770
230	913	-.374	.067	-.178	-.602	240	114	-.306	.071	-.090	-.601	240	164	-.389	.066	-.227	-.711
230	914	-.015	.102	.336	-.400	240	115	-.310	.084	.104	-.634	240	165	-.383	.061	-.219	-.616
230	915	-.425	.083	-.182	-.904	240	116	-.341	.052	-.186	-.611	240	166	-.431	.092	-.155	-.912
230	916	-.477	.098	-.138	-.897	240	117	-.321	.049	-.174	-.589	240	167	-.449	.092	-.190	-1.038
230	917	-.413	.080	-.159	-.756	240	118	-.338	.051	-.188	-.517	240	168	-.330	.147	.125	-.951
230	918	-.366	.064	-.171	-.650	240	119	-.320	.054	-.125	-.512	240	169	-.424	.123	-.118	-1.026
230	919	-.429	.070	-.196	-.759	240	120	-.277	.095	.061	-.611	240	170	-.360	.079	-.001	-.805
230	920	-.498	.104	-.196	-.909	240	121	-.288	.090	.079	-.627	240	171	-.395	.074	-.175	-.723
230	921	-.499	.099	-.182	-.913	240	122	-.374	.066	-.183	-.769	240	172	-.345	.063	-.120	-.629
230	922	.216	.126	.700	-.192	240	123	-.382	.067	-.230	-.759	240	173	-.421	.104	.153	-.902
230	923	.327	.141	.789	-.051	240	124	-.364	.055	-.195	-.686	240	174	-.311	.074	.190	-.634
230	924	-.027	.091	.357	-.319	240	125	-.357	.055	-.162	-.601	240	175	-.096	.099	.326	-.425
230	925	-.067	.080	.212	-.292	240	126	-.322	.043	-.159	-.474	240	176	-.373	.136	-.078	-1.266
230	926	-.081	.129	.494	-.567	240	127	-.327	.047	-.195	-.534	240	177	-.300	.123	.012	-1.039
230	927	-.233	.082	.190	-.510	240	128	-.330	.049	-.179	-.577	240	201	-.302	.051	-.126	-.498
230	928	-.361	.068	-.099	-.657	240	129	-.326	.048	-.160	-.507	240	202	-.297	.048	-.130	-.492
230	929	.062	.085	.347	-.257	240	130	-.380	.053	-.222	-.708	240	203	-.317	.062	-.099	-.609
230	930	.168	.105	.467	-.122	240	131	-.387	.054	-.225	-.706	240	204	-.305	.062	-.066	-.653
230	931	.150	.135	.710	-.289	240	132	-.392	.054	-.208	-.627	240	205	-.286	.052	-.119	-.531
230	932	.350	.160	.777	-.126	240	133	-.386	.050	-.246	-.599	240	206	-.289	.057	-.113	-.525
230	933	.349	.134	.774	-.064	240	134	-.359	.047	-.205	-.522	240	207	-.295	.063	-.063	-.584
230	934	-.375	.063	-.205	-.643	240	135	-.341	.042	-.193	-.481	240	208	-.317	.065	-.111	-.631
230	935	-.344	.084	-.084	-.813	240	136	-.346	.041	-.198	-.505	240	209	-.282	.038	-.164	-.421
230	936	-.158	.056	.149	-.321	240	137	-.336	.041	-.193	-.479	240	210	-.279	.044	-.129	-.451
230	937	-.021	.072	.282	-.275	240	138	-.400	.057	-.259	-.728	240	211	-.297	.044	-.153	-.454
230	938	.212	.110	.677	-.067	240	139	-.393	.056	-.249	-.642	240	212	-.294	.046	-.144	-.478
230	939	.090	.078	.379	-.239	240	140	-.393	.047	-.259	-.577	240	213	-.283	.042	-.155	-.503
230	940	.052	.071	.352	-.311	240	141	-.401	.050	-.277	-.596	240	214	-.291	.048	-.133	-.585
230	941	-.155	.053	.115	-.391	240	142	-.381	.046	-.260	-.568	240	215	-.307	.050	-.157	-.498
230	942	.001	.066	.287	-.437	240	143	-.373	.044	-.205	-.565	240	216	-.314	.056	-.142	-.585
230	943	.060	.096	.350	-.372	240	144	-.378	.043	-.263	-.534	240	217	-.288	.041	-.155	-.432
230	944	.057	.071	.379	-.302	240	145	-.380	.047	-.251	-.577	240	218	-.295	.047	-.153	-.554
230	945	-.273	.074	.020	-.658	240	146	-.392	.060	-.219	-.718	240	219	-.279	.045	-.133	-.593

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	220	-.285	.041	-.166	-.432	240	270	-.342	.062	-.183	-.746	240	326	.069	.088	.336	-.270
240	221	-.288	.037	-.157	-.472	240	271	-.347	.059	-.171	-.707	240	327	.077	.090	.437	-.289
240	222	-.296	.038	-.168	-.458	240	272	-.382	.057	-.223	-.806	240	328	.023	.061	.255	-.199
240	223	-.302	.038	-.177	-.438	240	273	-.397	.055	-.223	-.667	240	329	-.111	.042	.042	-.257
240	224	-.293	.039	-.150	-.474	240	274	-.374	.052	-.230	-.631	240	330	-.248	.169	.390	-1.084
240	225	-.294	.042	-.150	-.438	240	275	-.360	.060	-.203	-.626	240	331	-.252	.179	.352	-1.030
240	226	-.311	.043	-.170	-.469	240	276	-.274	.047	-.131	-.460	240	332	-.175	.242	.395	-1.371
240	227	-.322	.048	-.173	-.609	240	277	-.279	.050	-.160	-.604	240	333	-.041	.159	.331	-.726
240	228	-.312	.042	-.177	-.461	240	278	-.284	.047	-.144	-.464	240	334	.046	.085	.303	-.419
240	229	-.313	.042	-.159	-.480	240	279	-.261	.047	-.111	-.439	240	335	.071	.085	.377	-.334
240	230	-.325	.038	-.196	-.478	240	280	-.392	.061	-.238	-.657	240	336	-.001	.065	.265	-.234
240	231	-.328	.042	-.192	-.498	240	281	-.389	.056	-.261	-.634	240	337	-.133	.045	.029	-.396
240	232	-.331	.045	-.164	-.562	240	282	-.264	.042	-.136	-.459	240	338	-.293	.152	.316	-.984
240	233	-.319	.042	-.164	-.472	240	283	-.260	.043	-.143	-.456	240	339	-.251	.179	.377	-.974
240	234	-.341	.049	-.142	-.509	240	284	-.255	.046	-.127	-.475	240	340	-.210	.192	.252	-.872
240	235	-.345	.045	-.207	-.604	240	285	-.249	.051	-.081	-.436	240	341	-.128	.167	.242	-.877
240	236	-.357	.051	-.221	-.797	240	286	-.254	.053	-.046	-.456	240	342	-.034	.121	.272	-.825
240	237	-.348	.046	-.214	-.579	240	287	-.342	.054	-.175	-.595	240	343	-.022	.097	.283	-.485
240	238	-.355	.046	-.225	-.577	240	288	-.367	.050	-.226	-.569	240	344	-.067	.082	.198	-.609
240	239	-.367	.046	-.237	-.538	240	289	-.407	.062	-.198	-.754	240	345	-.160	.060	.101	-.687
240	240	-.381	.048	-.237	-.617	240	290	-.393	.054	-.249	-.611	240	346	-.195	.191	.294	-1.414
240	241	-.388	.052	-.196	-.592	240	291	-.357	.052	-.173	-.585	240	347	-.140	.162	.266	-.928
240	242	-.388	.051	-.160	-.554	240	292	-.356	.068	-.152	-.714	240	348	-.103	.169	.294	-.830
240	243	-.377	.048	-.230	-.565	240	293	-.393	.068	-.187	-.754	240	349	-.123	.164	.397	-.735
240	244	-.366	.053	-.224	-.586	240	294	-.387	.064	-.249	-.687	240	350	-.262	.071	-.056	-.569
240	245	-.365	.049	-.239	-.642	240	301	.056	.117	.434	-.734	240	351	-.267	.071	-.048	-.556
240	246	-.376	.052	-.216	-.597	240	302	.003	.100	.360	-.306	240	352	-.246	.059	-.036	-.513
240	247	-.392	.056	-.232	-.712	240	303	-.194	.100	.273	-.587	240	353	-.291	.047	-.121	-.496
240	248	-.389	.052	-.250	-.626	240	304	-.029	.179	.626	-.523	240	354	-.110	.091	.251	-.518
240	249	-.395	.055	-.255	-.626	240	305	-.108	.070	.113	-.478	240	355	-.082	.107	.251	-.607
240	250	-.397	.062	-.237	-.732	240	306	-.170	.058	.056	-.463	240	356	-.068	.083	.307	-.345
240	251	-.394	.053	-.221	-.658	240	307	.272	.149	.775	-.167	240	357	-.108	.084	.196	-.428
240	252	-.356	.050	-.207	-.687	240	308	.299	.136	.747	-.108	240	358	-.235	.091	.078	-.596
240	253	-.372	.052	-.223	-.637	240	309	-.243	.107	.329	-.687	240	359	-.286	.091	-.020	-.629
240	254	-.397	.061	-.230	-.766	240	310	-.208	.122	.300	-.544	240	360	-.309	.064	-.086	-.564
240	255	-.392	.059	-.221	-.647	240	311	-.011	.125	.290	-.449	240	361	-.176	.088	-.128	-.569
240	256	-.270	.048	-.131	-.487	240	312	.039	.126	.407	-.398	240	362	-.254	.080	-.033	-.604
240	257	-.281	.052	-.149	-.545	240	313	.044	.094	.350	-.368	240	363	-.078	.074	.239	-.463
240	258	-.285	.051	-.156	-.583	240	314	-.067	.064	.163	-.383	240	364	-.039	.077	.231	-.476
240	259	-.291	.057	-.138	-.552	240	315	.346	.140	.777	-.055	240	365	-.084	.062	.148	-.458
240	260	-.347	.057	-.203	-.633	240	316	.368	.167	1.006	-.209	240	366	-.087	.050	.153	-.332
240	261	-.346	.054	-.210	-.552	240	317	-.259	.232	.415	-1.268	240	367	-.213	.054	-.000	-.438
240	262	-.342	.047	-.228	-.550	240	318	.000	.144	.403	-.488	240	368	-.305	.064	-.098	-.554
240	263	-.378	.058	-.234	-.714	240	319	-.134	.170	.347	-.762	240	369	-.279	.074	-.046	-.574
240	264	-.402	.059	-.255	-.703	240	320	.038	.106	.354	-.600	240	370	-.071	.080	.241	-.438
240	265	-.406	.064	-.234	-.720	240	321	.316	.169	.901	-.150	240	371	-.051	.086	.307	-.438
240	266	-.400	.065	-.232	-.725	240	322	-.251	.289	.434	-1.350	240	372	-.025	.064	.206	-.282
240	267	-.396	.065	-.228	-.793	240	323	.062	.148	.513	-.672	240	373	-.027	.051	.189	-.186
240	268	-.402	.060	-.259	-.743	240	324	-.138	.176	.398	-.687	240	374	-.071	.046	.156	-.264
240	269	-.412	.063	-.239	-.746	240	325	-.021	.119	.331	-.787	240	375	-.080	.041	.086	-.238

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	376	-.175	.042	.031	-.326	240	448	.274	.116	.670	-.048	240	498	-.067	.047	.148	-.279
240	377	-.277	.057	-.064	-.468	240	449	.357	.122	.809	.062	240	499	-.090	.055	.158	-.300
240	378	-.254	.073	.013	-.551	240	450	.389	.142	.852	.067	240	500	-.010	.041	.184	-.147
240	401	-.219	.079	.262	-.449	240	451	.413	.144	.861	-.020	240	501	.061	.070	.428	-.121
240	402	-.118	.099	.341	-.449	240	452	.404	.138	.831	.062	240	502	.119	.092	.567	-.106
240	403	-.005	.122	.511	-.403	240	453	.381	.147	.831	-.065	240	503	.126	.086	.531	-.111
240	404	.158	.143	.649	-.367	240	454	.341	.150	.802	-.117	240	504	.099	.075	.451	-.085
240	405	.316	.139	.815	-.249	240	455	-.147	.052	.058	-.297	240	505	.069	.070	.381	-.085
240	406	.304	.136	.760	-.295	240	456	-.039	.066	.249	-.230	240	506	.031	.069	.443	-.158
240	407	-.004	.142	.412	-.496	240	457	.191	.095	.536	-.033	240	507	-.178	.067	.068	-.556
240	408	-.022	.195	.647	-.599	240	458	.202	.105	.577	-.048	240	508	-.100	.053	.139	-.315
240	409	-.282	.122	.249	-.666	240	459	.263	.105	.681	.013	240	509	.058	.061	.359	-.080
240	410	-.104	.074	.115	-.424	240	460	.309	.111	.735	.056	240	510	.019	.041	.238	-.087
240	411	.073	.086	.359	-.247	240	461	.346	.131	.763	.058	240	511	.071	.065	.386	-.068
240	412	.193	.111	.564	-.182	240	462	.369	.135	.828	.060	240	512	.113	.076	.551	-.036
240	413	.308	.126	.691	-.039	240	463	.333	.125	.796	.019	240	513	.121	.085	.517	-.060
240	414	.315	.132	.857	-.033	240	464	.253	.134	.725	-.124	240	514	.118	.068	.532	-.024
240	415	.346	.139	.769	-.079	240	465	-.206	.046	.013	-.372	240	515	.067	.061	.408	-.070
240	416	.398	.141	.857	-.155	240	466	-.101	.060	.240	-.284	240	516	.031	.057	.418	-.143
240	417	.350	.134	.774	-.083	240	467	.050	.072	.355	-.167	240	801	-.285	.042	-.145	-.481
240	418	.321	.135	.723	-.092	240	468	.119	.080	.493	-.111	240	802	-.008	.092	.352	-.292
240	419	-.192	.091	.186	-.555	240	469	.131	.083	.450	-.072	240	803	.043	.050	.298	-.080
240	420	-.356	.099	.175	-.668	240	470	.189	.087	.521	-.028	240	804	-.356	.052	-.201	-.553
240	421	-.219	.075	.202	-.491	240	471	.239	.100	.631	.017	240	805	-.130	.020	-.041	-.199
240	422	.133	.104	.456	-.150	240	472	.273	.103	.688	.043	240	806	-.074	.025	.021	-.139
240	423	.230	.121	.709	-.083	240	473	.269	.107	.696	.008	240	807	-.142	.145	.216	-.677
240	424	.370	.163	.960	-.118	240	474	.300	.105	.681	.032	240	901	-.340	.082	.051	-.660
240	425	.377	.180	.921	-.173	240	475	.259	.125	.759	-.076	240	902	-.318	.064	-.086	-.598
240	426	.139	.099	.502	-.178	240	476	.160	.115	.560	-.142	240	903	-.481	.126	-.073	-1.074
240	427	-.037	.062	.196	-.231	240	477	-.193	.053	.028	-.366	240	904	-.332	.077	.009	-.833
240	428	.134	.091	.502	-.208	240	478	-.095	.060	.173	-.249	240	905	-.474	.110	-.177	-1.107
240	429	-.142	.147	.334	-.592	240	479	-.035	.041	.176	-.158	240	906	-.398	.081	-.170	-.700
240	430	-.094	.090	.251	-.390	240	480	-.016	.044	.220	-.145	240	907	-.471	.096	-.157	-.848
240	431	.085	.097	.405	-.162	240	481	-.008	.063	.290	-.155	240	908	-.490	.108	-.133	-.888
240	432	.231	.112	.761	-.080	240	482	.162	.079	.451	-.020	240	909	-.076	.054	.134	-.279
240	433	.316	.119	.740	-.035	240	483	.136	.065	.412	-.036	240	910	-.358	.057	-.189	-.560
240	434	.379	.141	.843	-.018	240	484	.135	.066	.407	-.031	240	911	-.169	.148	.362	-.662
240	435	.359	.142	.772	-.063	240	485	.074	.076	.391	-.202	240	912	.060	.073	.413	-.128
240	436	.399	.135	.941	-.013	240	486	.018	.087	.469	-.264	240	913	-.384	.076	-.191	-.736
240	437	.385	.142	.815	-.044	240	487	-.187	.083	.139	-.536	240	914	-.178	.089	.124	-.513
240	438	.373	.143	.783	-.152	240	488	-.072	.053	.131	-.402	240	915	-.415	.082	-.179	-.824
240	439	-.105	.084	.231	-.403	240	489	-.090	.051	.117	-.332	240	916	-.491	.100	-.199	-.879
240	440	-.270	.092	.071	-.673	240	490	-.012	.048	.158	-.262	240	917	-.377	.095	-.085	-.779
240	441	.388	.149	.898	-.048	240	491	.072	.070	.362	-.199	240	918	-.349	.072	-.116	-.659
240	442	.186	.118	.779	-.214	240	492	.109	.084	.510	-.152	240	919	-.422	.076	-.204	-.678
240	443	-.108	.063	.177	-.303	240	493	.126	.081	.554	-.134	240	920	-.511	.108	-.217	-.943
240	444	-.018	.074	.329	-.258	240	494	.117	.083	.492	-.093	240	921	-.511	.107	-.206	-.877
240	445	.081	.089	.441	-.186	240	495	.095	.089	.580	-.129	240	922	.051	.122	.549	-.429
240	446	.140	.091	.478	-.124	240	496	.068	.091	.547	-.199	240	923	.270	.127	.679	-.147
240	447	.198	.103	.567	-.108	240	497	-.198	.068	.086	-.530	240	924	-.021	.091	.351	-.377

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	925	-.038	.087	.253	-.308	250	126	-.348	.060	-.184	-.721	250	176	-.365	.146	-.058	-1.060
240	926	.077	.175	.857	-.539	250	127	-.359	.060	-.165	-.742	250	177	-.292	.138	.115	-1.121
240	927	-.130	.093	.304	-.491	250	128	-.353	.061	-.187	-.692	250	201	-.307	.058	-.148	-.550
240	928	-.294	.091	.095	-.632	250	129	-.334	.054	-.182	-.569	250	202	-.316	.058	-.159	-.586
240	929	.123	.102	.464	-.190	250	130	-.413	.090	-.207	-1.053	250	203	-.310	.067	-.096	-.707
240	930	.217	.123	.646	-.110	250	131	-.419	.095	-.150	-1.090	250	204	-.306	.059	-.112	-.597
240	931	.267	.158	.847	-.284	250	132	-.409	.066	-.189	-.685	250	205	-.304	.055	-.132	-.595
240	932	.251	.175	.899	-.257	250	133	-.409	.060	-.237	-.769	250	206	-.312	.063	-.116	-.595
240	933	.315	.136	.756	-.035	250	134	-.378	.061	-.204	-.740	250	207	-.302	.076	-.056	-.779
240	934	-.380	.065	-.220	-.674	250	135	-.376	.053	-.211	-.612	250	208	-.324	.078	-.076	-.803
240	935	-.318	.082	-.058	-.754	250	136	-.370	.054	-.182	-.619	250	209	-.305	.048	-.159	-.552
240	936	-.144	.070	.180	-.349	250	137	-.361	.049	-.196	-.520	250	210	-.288	.052	-.133	-.548
240	937	-.009	.083	.350	-.259	250	138	-.424	.082	-.194	-.964	250	211	-.305	.053	-.143	-.570
240	938	.252	.113	.905	.005	250	139	-.424	.079	-.220	-.863	250	212	-.299	.048	-.145	-.482
240	939	-.013	.105	.376	-.419	250	140	-.415	.062	-.230	-.685	250	213	-.301	.052	-.116	-.590
240	940	-.018	.066	.228	-.456	250	141	-.416	.067	-.170	-1.020	250	214	-.311	.059	-.127	-.700
240	941	-.100	.060	.175	-.339	250	142	-.411	.058	-.245	-.706	250	215	-.320	.060	-.094	-.626
240	942	.033	.072	.352	-.220	250	143	-.396	.053	-.247	-.665	250	216	-.330	.062	-.109	-.655
240	943	.071	.090	.476	-.657	250	144	-.399	.056	-.230	-.675	250	217	-.298	.045	-.150	-.467
240	944	.024	.077	.274	-.347	250	145	-.395	.057	-.204	-.677	250	218	-.299	.049	-.150	-.525
240	945	-.199	.070	.180	-.623	250	146	-.415	.077	-.202	-.772	250	219	-.299	.049	-.143	-.554
240	946	-.033	.041	.122	-.245	250	147	-.408	.077	-.202	-.817	250	220	-.297	.047	-.123	-.507
240	947	.057	.061	.284	-.167	250	148	-.408	.070	-.239	-.770	250	221	-.299	.044	-.141	-.471
240	948	.030	.073	.330	-.381	250	149	-.398	.068	-.227	-.752	250	222	-.311	.045	-.197	-.496
240	949	-.066	.079	.232	-.405	250	150	-.386	.074	-.219	-1.236	250	223	-.305	.044	-.166	-.453
250	101	-.376	.115	-.019	-1.014	250	151	-.384	.078	-.128	-1.248	250	224	-.310	.043	-.161	-.525
250	102	-.378	.114	-.036	-1.056	250	152	-.368	.077	-.165	-1.082	250	225	-.308	.048	-.154	-.565
250	103	-.391	.092	-.108	-.861	250	153	-.370	.071	-.185	-.884	250	226	-.331	.053	-.154	-.523
250	104	-.362	.086	-.133	-.806	250	154	-.421	.083	-.230	-.874	250	227	-.349	.054	-.161	-.617
250	105	-.374	.091	-.066	-.767	250	155	-.442	.071	-.279	-.752	250	228	-.326	.050	-.175	-.651
250	106	-.426	.092	-.189	-.908	250	156	-.468	.083	-.239	-.804	250	229	-.329	.051	-.181	-.590
250	107	-.423	.129	-.083	-1.357	250	157	-.420	.107	-.081	-1.055	250	230	-.334	.046	-.161	-.541
250	108	-.403	.101	-.063	-.983	250	158	-.617	.187	-.128	-1.677	250	231	-.335	.048	-.213	-.518
250	109	-.381	.085	-.150	-1.085	250	159	-.561	.254	-.004	-2.105	250	232	-.325	.045	-.184	-.500
250	110	-.389	.089	-.155	-.919	250	160	-.412	.150	-.026	-1.000	250	233	-.323	.050	-.118	-.520
250	111	-.400	.096	-.194	-.977	250	161	-.440	.081	-.237	-.869	250	234	-.348	.055	-.146	-.559
250	112	-.385	.093	-.187	-.980	250	162	-.502	.097	-.237	-.951	250	235	-.372	.060	-.105	-.698
250	113	-.289	.097	.035	-.656	250	163	-.411	.097	-.071	-.837	250	236	-.363	.070	-.135	-.728
250	114	-.261	.078	-.019	-.581	250	164	-.416	.085	-.212	-.928	250	237	-.367	.062	-.155	-.701
250	115	-.216	.115	.141	-.806	250	165	-.398	.078	-.212	-.792	250	238	-.356	.052	-.203	-.554
250	116	-.379	.072	-.167	-.895	250	166	-.435	.099	-.051	-.908	250	239	-.368	.054	-.233	-.607
250	117	-.349	.059	-.175	-.636	250	167	-.444	.098	-.135	-.933	250	240	-.369	.049	-.185	-.568
250	118	-.344	.062	-.170	-.646	250	168	-.321	.148	.202	-1.005	250	241	-.373	.050	-.107	-.589
250	119	-.337	.063	-.145	-.785	250	169	-.404	.126	-.078	-1.050	250	242	-.391	.054	-.224	-.621
250	120	-.151	.107	.242	-.517	250	170	-.364	.093	.056	-.747	250	243	-.398	.059	-.148	-.662
250	121	-.194	.117	.218	-.542	250	171	-.419	.093	-.160	-.928	250	244	-.365	.056	-.226	-.606
250	122	-.412	.100	-.147	-.999	250	172	-.347	.073	-.110	-.698	250	245	-.386	.064	-.219	-.730
250	123	-.415	.096	-.135	-1.080	250	173	-.423	.114	.170	-.864	250	246	-.386	.064	-.235	-1.223
250	124	-.392	.064	-.204	-.693	250	174	-.296	.085	.132	-.616	250	247	-.391	.063	-.244	-.780
250	125	-.380	.065	-.158	-.711	250	175	-.064	.095	.375	-.373	250	248	-.390	.059	-.203	-.746

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	249	-.381	.060	-.192	-.655	250	305	-.166	.107	.193	-.666	250	355	-.180	.115	.216	-.729
250	250	-.461	.188	-.195	-1.154	250	306	-.200	.086	.100	-.705	250	356	-.170	.108	.191	-.563
250	251	-.405	.060	-.244	-.685	250	307	-.115	.144	.587	-.495	250	357	-.209	.094	.085	-.553
250	252	-.384	.061	-.242	-.696	250	308	-.175	.130	.567	-.278	250	358	-.308	.094	-.055	-.737
250	253	-.402	.068	-.246	-.794	250	309	-.371	.093	.012	-.605	250	359	-.377	.096	-.121	-.737
250	254	-.392	.064	-.171	-.687	250	310	-.396	.081	-.056	-.982	250	360	-.363	.062	-.156	-.629
250	255	-.419	.075	-.192	-.776	250	311	-.308	.140	.094	-.766	250	361	-.254	.110	-.068	-.835
250	256	-.359	.078	-.180	-.753	250	312	-.209	.141	.247	-.873	250	362	-.342	.090	-.096	-.671
250	257	-.356	.075	-.176	-.653	250	313	-.082	.138	.330	-.660	250	363	-.142	.076	.148	-.521
250	258	-.354	.063	-.203	-.710	250	314	-.136	.099	.200	-.760	250	364	-.093	.077	.229	-.508
250	259	-.375	.074	-.192	-.726	250	315	.261	.144	.712	-.430	250	365	-.147	.062	.032	-.480
250	260	-.376	.059	-.217	-.630	250	316	.284	.153	.812	-.405	250	366	-.154	.051	.048	-.470
250	261	-.368	.061	-.219	-.721	250	317	-.623	.256	.229	-1.735	250	367	-.283	.054	-.103	-.490
250	262	-.371	.056	-.237	-.662	250	318	-.352	.144	.071	-.869	250	368	-.379	.068	-.191	-.616
250	263	-.395	.066	-.228	-.748	250	319	-.471	.168	.047	-1.016	250	369	-.386	.081	-.108	-.749
250	264	-.387	.065	-.166	-.748	250	320	-.229	.158	.161	-.828	250	370	-.147	.087	.239	-.644
250	265	-.390	.070	-.231	-.719	250	321	.200	.167	.744	-.303	250	371	-.134	.082	.176	-.440
250	266	-.407	.074	-.212	-.716	250	322	-.859	.372	.153	-2.238	250	372	-.070	.067	.138	-.463
250	267	-.411	.072	-.219	-.753	250	323	-.242	.191	.305	-1.173	250	373	-.064	.047	.110	-.234
250	268	-.426	.072	-.230	-.755	250	324	-.455	.160	.078	-1.064	250	374	-.126	.053	.079	-.377
250	269	-.433	.076	-.228	-.803	250	325	-.296	.151	.132	-.817	250	375	-.136	.050	.133	-.312
250	270	-.375	.070	-.208	-1.139	250	326	-.139	.122	.145	-.663	250	376	-.239	.044	-.110	-.400
250	271	-.378	.071	-.221	-.931	250	327	-.108	.106	.267	-.728	250	377	-.336	.088	-.128	-.695
250	272	-.386	.063	-.221	-.755	250	328	-.071	.073	.190	-.498	250	378	-.347	.085	-.126	-.706
250	273	-.381	.058	-.132	-.634	250	329	-.156	.052	.077	-.433	250	401	-.123	.138	.441	-.528
250	274	-.379	.065	-.189	-.707	250	330	-.462	.142	.055	-1.000	250	402	-.034	.146	.644	-.374
250	275	-.390	.075	-.198	-.790	250	331	-.471	.150	.150	-.995	250	403	.073	.152	.653	-.358
250	276	-.340	.062	-.194	-.614	250	332	-.490	.185	.145	-1.072	250	404	.139	.151	.686	-.293
250	277	-.345	.068	-.198	-.735	250	333	-.425	.233	.253	-1.167	250	405	.399	.160	.978	-.181
250	278	-.348	.062	-.201	-.627	250	334	-.146	.172	.220	-.861	250	406	.367	.147	.926	-.134
250	279	-.345	.064	-.198	-.600	250	335	-.080	.131	.320	-.820	250	407	.144	.122	.592	-.262
250	280	-.409	.081	-.155	-.792	250	336	-.043	.106	.352	-.645	250	408	.211	.184	.765	-.419
250	281	-.439	.073	-.251	-.762	250	337	-.145	.064	.105	-.510	250	409	-.153	.166	.485	-.624
250	282	-.327	.062	-.192	-.631	250	338	-.437	.120	-.025	-1.062	250	410	-.017	.093	.359	-.339
250	283	-.336	.061	-.181	-.592	250	339	-.455	.125	.055	-1.036	250	411	.168	.110	.590	-.204
250	284	-.324	.060	-.183	-.587	250	340	-.440	.152	.109	-1.137	250	412	.278	.123	.658	-.178
250	285	-.344	.071	-.164	-.643	250	341	-.374	.186	.135	-1.126	250	413	.348	.136	.747	-.141
250	286	-.318	.061	-.131	-.608	250	342	-.240	.196	.189	-1.119	250	414	.352	.136	.819	-.092
250	287	-.356	.057	-.216	-.669	250	343	-.193	.159	.230	-.708	250	415	.328	.137	.779	-.120
250	288	-.370	.056	-.213	-.594	250	344	-.168	.148	.322	-.865	250	416	.343	.148	.793	-.134
250	289	-.391	.060	-.199	-.757	250	345	-.215	.109	.092	-.715	250	417	.330	.128	.740	-.094
250	290	-.375	.063	-.160	-.701	250	346	-.475	.268	.085	-1.787	250	418	.233	.115	.595	-.171
250	291	-.376	.072	-.106	-.727	250	347	-.356	.209	.193	-1.277	250	419	-.152	.090	.301	-.514
250	292	-.386	.082	-.160	-.781	250	348	-.275	.224	.261	-1.199	250	420	-.200	.158	.385	-.699
250	293	-.417	.085	-.183	-.799	250	349	-.244	.189	.234	-.996	250	421	-.126	.099	.228	-.524
250	294	-.431	.092	-.197	-.876	250	350	-.349	.076	-.121	-.797	250	422	.204	.122	.662	-.145
250	301	-.120	.144	.270	-.903	250	351	-.339	.071	-.121	-.694	250	423	.276	.134	.779	-.092
250	302	-.089	.083	.235	-.450	250	352	-.315	.077	-.030	-.669	250	424	.299	.163	.931	-.160
250	303	-.324	.084	.105	-.625	250	353	-.344	.061	-.176	-.606	250	425	.316	.181	.870	-.225
250	304	-.242	.142	.382	-.780	250	354	-.193	.096	.239	-.774	250	426	.021	.098	.352	-.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	427	-.000	.078	.277	-.283	250	477	-.167	.063	.087	-.448	250	904	-.368	.091	-.047	-.794
250	428	.164	.103	.560	-.237	250	478	-.049	.075	.322	-.302	250	905	-.458	.130	-.071	-1.026
250	429	-.035	.152	.646	-.559	250	479	.001	.050	.226	-.128	250	906	-.415	.088	-.141	-.734
250	430	.015	.110	.448	-.367	250	480	.014	.053	.212	-.136	250	907	-.464	.107	-.101	-.895
250	431	.197	.119	.643	-.141	250	481	.024	.069	.374	-.149	250	908	-.467	.112	-.136	-.981
250	432	.298	.131	.770	-.062	250	482	.175	.078	.540	-.035	250	909	-.068	.063	.242	-.285
250	433	.376	.135	.838	.013	250	483	.126	.069	.483	-.035	250	910	-.389	.072	-.162	-.759
250	434	.392	.148	.879	.044	250	484	.131	.063	.374	-.027	250	911	-.348	.155	.378	-.979
250	435	.387	.151	.893	-.075	250	485	-.005	.075	.278	-.351	250	912	.037	.073	.361	-.160
250	436	.374	.149	.849	-.110	250	486	-.080	.093	.255	-.467	250	913	-.419	.089	-.213	-.902
250	437	.331	.138	.811	-.101	250	487	-.173	.095	.284	-.519	250	914	-.357	.103	-.027	-.817
250	438	.220	.127	.792	-.154	250	488	-.070	.064	.233	-.378	250	915	-.409	.087	-.157	-.776
250	439	-.079	.084	.276	-.345	250	489	-.065	.053	.131	-.315	250	916	-.479	.110	-.170	-1.017
250	440	-.150	.115	.254	-.564	250	490	-.005	.054	.211	-.301	250	917	-.224	.111	.123	-.641
250	441	.330	.186	.879	-.261	250	491	.074	.078	.347	-.560	250	918	-.325	.107	.038	-.784
250	442	.059	.107	.416	-.290	250	492	.138	.088	.477	-.260	250	919	-.411	.077	-.209	-.698
250	443	-.062	.079	.296	-.321	250	493	.137	.085	.516	-.170	250	920	-.487	.108	-.186	-.992
250	444	.049	.099	.399	-.248	250	494	.118	.080	.498	-.237	250	921	-.484	.113	-.215	-.925
250	445	.156	.108	.585	-.130	250	495	.102	.093	.568	-.136	250	922	-.108	.131	.518	-.730
250	446	.252	.115	.607	-.068	250	496	.046	.091	.421	-.185	250	923	.136	.120	.547	-.197
250	447	.261	.119	.699	-.103	250	497	-.190	.071	.175	-.501	250	924	-.006	.096	.450	-.327
250	448	.356	.131	.737	.004	250	498	-.055	.043	.226	-.193	250	925	.009	.097	.351	-.310
250	449	.419	.137	.835	.052	250	499	-.062	.048	.126	-.255	250	926	.134	.144	.741	-.315
250	450	.439	.138	.888	-.016	250	500	.013	.040	.190	-.193	250	927	-.042	.098	.302	-.469
250	451	.438	.146	.928	.068	250	501	.070	.061	.294	-.095	250	928	-.206	.104	.299	-.544
250	452	.402	.146	.930	.026	250	502	.136	.084	.558	-.048	250	929	.193	.126	.628	-.189
250	453	.329	.146	.917	-.062	250	503	.135	.083	.545	-.108	250	930	.281	.131	.672	-.051
250	454	.205	.140	.739	-.202	250	504	.112	.075	.586	-.084	250	931	.314	.147	.749	-.276
250	455	-.108	.068	.160	-.349	250	505	.083	.080	.511	-.105	250	932	.134	.169	.781	-.333
250	456	.019	.080	.355	-.180	250	506	-.002	.067	.322	-.196	250	933	.210	.129	.681	-.179
250	457	.270	.118	.719	-.007	250	507	-.148	.061	.136	-.418	250	934	-.405	.085	-.158	-.805
250	458	.287	.116	.667	-.013	250	508	-.075	.045	.094	-.216	250	935	-.284	.083	.027	-.691
250	459	.325	.120	.748	.004	250	509	.076	.059	.458	-.167	250	936	-.143	.080	.233	-.388
250	460	.359	.123	.750	.037	250	510	.043	.044	.264	-.073	250	937	.001	.086	.422	-.289
250	461	.381	.139	.866	.072	250	511	.082	.062	.354	-.058	250	938	.316	.130	.887	.019
250	462	.380	.133	.860	.068	250	512	.154	.093	.460	-.015	250	939	-.136	.118	.247	-.587
250	463	.286	.136	.741	-.029	250	513	.132	.085	.465	-.058	250	940	-.074	.080	.191	-.579
250	464	.135	.126	.601	-.255	250	514	.120	.079	.514	-.029	250	941	-.026	.068	.240	-.383
250	465	-.173	.057	.158	-.364	250	515	.066	.064	.378	-.095	250	942	.091	.077	.463	-.216
250	466	-.041	.073	.245	-.233	250	516	-.005	.058	.305	-.148	250	943	.086	.084	.397	-.240
250	467	.111	.093	.629	-.141	250	801	-.285	.056	-.071	-.610	250	944	-.013	.062	.174	-.361
250	468	.187	.095	.570	-.053	250	802	-.146	.094	.244	-.646	250	945	-.155	.080	.168	-.568
250	469	.192	.097	.579	-.031	250	803	.070	.061	.389	-.082	250	946	.020	.058	.288	-.201
250	470	.238	.107	.693	-.005	250	804	-.392	.076	-.175	-.791	250	947	.096	.074	.368	-.218
250	471	.293	.113	.688	.041	250	805	-.135	.024	-.051	-.216	250	948	.002	.081	.313	-.468
250	472	.282	.110	.675	.035	250	806	-.096	.024	-.030	-.162	250	949	-.150	.073	.083	-.484
250	473	.299	.122	.785	-.013	250	807	-.558	.183	-.067	-.969	260	101	-.354	.112	.016	-1.128
250	474	.292	.111	.717	.028	250	901	-.361	.098	-.047	-.922	260	102	-.359	.113	.145	-.912
250	475	.208	.130	.743	-.136	250	902	-.349	.078	-.038	-.716	260	103	-.413	.108	-.086	-.907
250	476	.115	.109	.547	-.180	250	903	-.423	.118	-.015	-.846	260	104	-.343	.084	-.116	-.763

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	105	-.317	.114	.001	-.765	260	155	-.429	.087	-.143	-.799	260	228	-.344	.085	-.085	-.846
260	106	-.431	.107	-.056	-.882	260	156	-.412	.104	-.161	-.951	260	229	-.333	.075	-.051	-.774
260	107	-.400	.142	.297	-1.472	260	157	-.447	.100	-.079	-.856	260	230	-.325	.064	-.143	-.656
260	108	-.388	.111	.033	-1.060	260	158	-.514	.181	-.086	-1.494	260	231	-.325	.057	-.165	-.611
260	109	-.422	.131	-.104	-1.422	260	159	-.558	.245	-.066	-2.202	260	232	-.316	.050	-.150	-.519
260	110	-.450	.137	-.141	-1.463	260	160	-.426	.148	-.059	-1.088	260	233	-.331	.062	-.109	-.671
260	111	-.444	.121	-.183	-1.519	260	161	-.448	.097	-.206	-.654	260	234	-.358	.078	-.126	-.774
260	112	-.415	.103	-.188	-.998	260	162	-.483	.121	-.191	-1.036	260	235	-.379	.087	-.110	-.847
260	113	-.164	.111	.185	-.581	260	163	-.784	.119	.000	-.901	260	236	-.375	.098	-.073	-.843
260	114	-.196	.088	.156	-.592	260	164	-.457	.113	-.178	-1.038	260	237	-.378	.096	-.114	-.772
260	115	-.073	.135	.334	-.589	260	165	-.402	.088	-.141	-.714	260	238	-.382	.085	-.167	-.866
260	116	-.431	.115	-.144	-1.059	260	166	-.415	.098	-.119	-.851	260	239	-.362	.062	-.203	-.626
260	117	-.395	.099	-.093	-1.215	260	167	-.405	.093	-.096	-.869	260	240	-.343	.059	-.160	-.645
260	118	-.382	.090	-.146	-.830	260	168	-.344	.133	-.048	-1.078	260	241	-.369	.065	-.135	-.688
260	119	-.370	.096	-.133	-1.150	260	169	-.413	.134	-.054	-1.198	260	242	-.394	.079	-.128	-.954
260	120	-.008	.132	.455	-.505	260	170	-.299	.123	.166	-.938	260	243	-.411	.086	-.101	-.875
260	121	-.055	.141	.421	-.750	260	171	-.429	.119	.011	-.899	260	244	-.365	.077	-.172	-.918
260	122	-.460	.165	.018	-1.367	260	172	-.339	.085	-.051	-.776	260	245	-.392	.100	-.173	-1.075
260	123	-.441	.142	.041	-1.340	260	173	-.372	.122	.208	-.834	260	246	-.403	.089	-.208	-1.136
260	124	-.396	.088	-.022	-.800	260	174	-.258	.085	.263	-.599	260	247	-.400	.086	-.173	-1.161
260	125	-.422	.111	-.124	-1.120	260	175	-.086	.098	.385	-.423	260	248	-.377	.077	-.105	-.711
260	126	-.393	.089	-.119	-.986	260	176	-.384	.168	-.046	-1.133	260	249	-.400	.084	-.153	-.859
260	127	-.397	.089	-.151	-.896	260	177	-.321	.182	.114	-1.550	260	250	-.388	.079	-.195	-.746
260	128	-.402	.100	-.134	-.947	260	201	-.297	.071	-.049	-.644	260	251	-.413	.084	-.148	-.932
260	129	-.402	.138	-.161	-1.788	260	202	-.303	.067	-.100	-.575	260	252	-.405	.092	-.167	-.800
260	130	-.467	.164	.103	-1.459	260	203	-.304	.073	-.060	-.691	260	253	-.409	.092	-.210	-.854
260	131	-.448	.154	.095	-1.571	260	204	-.304	.065	-.094	-.626	260	254	-.384	.084	-.153	-.770
260	132	-.431	.094	-.106	-.932	260	205	-.305	.064	-.080	-.689	260	255	-.420	.093	-.189	-.979
260	133	-.436	.111	-.024	-1.018	260	206	-.304	.070	-.107	-.631	260	256	-.409	.088	-.217	-.779
260	134	-.431	.101	-.175	-1.069	260	207	-.294	.084	-.048	-.731	260	257	-.422	.086	-.219	-.861
260	135	-.418	.093	-.168	-.876	260	208	-.309	.082	-.038	-.667	260	258	-.417	.092	-.201	-.902
260	136	-.408	.091	-.192	-.996	260	209	-.302	.062	-.098	-.593	260	259	-.433	.096	-.173	-.850
260	137	-.404	.084	-.192	-.932	260	210	-.283	.066	-.073	-.627	260	260	-.398	.088	-.196	-.845
260	138	-.455	.148	.016	-1.287	260	211	-.301	.061	-.105	-.604	260	261	-.398	.086	-.205	-.838
260	139	-.451	.134	.044	-.987	260	212	-.299	.060	-.118	-.642	260	262	-.426	.096	-.226	-1.050
260	140	-.436	.097	-.065	-.891	260	213	-.300	.055	-.129	-.519	260	263	-.405	.092	-.180	-1.339
260	141	-.459	.118	-.112	-1.385	260	214	-.298	.059	-.138	-.571	260	264	-.376	.089	-.000	-.815
260	142	-.452	.106	-.100	-1.139	260	215	-.310	.073	-.085	-.696	260	265	-.391	.091	-.167	-.999
260	143	-.455	.105	-.205	-1.609	260	216	-.334	.080	-.053	-.891	260	266	-.408	.096	-.135	-.854
260	144	-.439	.099	-.124	-1.171	260	217	-.291	.053	-.125	-.548	260	267	-.422	.099	-.167	-1.161
260	145	-.449	.098	-.217	-1.400	260	218	-.296	.052	-.145	-.550	260	268	-.420	.086	-.214	-.927
260	146	-.424	.099	-.171	-.993	260	219	-.293	.055	-.105	-.586	260	269	-.459	.098	-.237	-.982
260	147	-.426	.098	-.203	-.916	260	220	-.310	.074	-.053	-.624	260	270	-.400	.091	-.194	-1.020
260	148	-.437	.095	-.228	-.861	260	221	-.304	.068	-.091	-.640	260	271	-.399	.090	-.198	-.927
260	149	-.439	.105	-.186	-1.078	260	222	-.301	.057	-.134	-.523	260	272	-.389	.085	-.139	-.774
260	150	-.509	.190	-.138	-1.883	260	223	-.303	.052	-.161	-.557	260	273	-.357	.081	-.012	-.738
260	151	-.490	.181	-.026	-1.823	260	224	-.298	.046	-.118	-.591	260	274	-.384	.084	-.167	-.786
260	152	-.491	.188	-.089	-1.606	260	225	-.312	.056	-.156	-.566	260	275	-.403	.092	-.123	-.777
260	153	-.480	.190	-.094	-1.848	260	226	-.344	.071	-.141	-.669	260	276	-.403	.093	-.183	-.838
260	154	-.429	.098	-.156	-.896	260	227	-.362	.081	-.098	-.716	260	277	-.409	.095	-.178	-.834

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	278	-.419	.088	-.217	-.831	260	334	-.451	.207	.078	-1.232	260	406	.309	.175	.870	-.302
260	279	-.411	.088	-.212	-.765	260	335	-.325	.166	.162	-.816	260	407	.153	.112	.519	-.267
260	280	-.425	.096	-.146	-.873	260	336	-.234	.187	.271	-1.148	260	408	.292	.150	.803	-.256
260	281	-.437	.094	-.191	-.884	260	337	-.259	.167	.182	-1.166	260	409	.034	.186	.619	-.477
260	282	-.392	.080	-.209	-.747	260	338	-.546	.137	-.178	-1.276	260	410	.088	.105	.433	-.328
260	283	-.405	.089	-.191	-.777	260	339	-.549	.139	-.183	-1.320	260	411	.255	.121	.722	-.116
260	284	-.408	.091	-.207	-.884	260	340	-.554	.148	-.080	-1.475	260	412	.316	.125	.724	-.065
260	285	-.407	.084	-.205	-.749	260	341	-.529	.164	-.023	-1.193	260	413	.365	.139	.840	-.042
260	286	-.368	.082	-.156	-.745	260	342	-.439	.211	.114	-1.341	260	414	.340	.135	.845	-.035
260	287	-.376	.084	-.158	-.935	260	343	-.346	.151	.084	-.997	260	415	.278	.129	.742	-.153
260	288	-.367	.071	-.153	-.756	260	344	-.318	.190	.248	-.980	260	416	.266	.179	.840	-.521
260	289	-.371	.088	-.072	-.847	260	345	-.300	.169	.122	-1.269	260	417	.277	.131	.726	-.170
260	290	-.337	.079	-.100	-.724	260	346	-.611	.201	-.048	-1.643	260	418	.151	.103	.524	-.244
260	291	-.374	.095	.037	-.775	260	347	-.522	.215	.068	-1.380	260	419	-.121	.093	.193	-.444
260	292	-.409	.102	-.112	-.877	260	348	-.489	.242	.197	-1.469	260	420	-.028	.162	.556	-.607
260	293	-.415	.100	-.133	-.896	260	349	-.422	.179	.066	-1.102	260	421	-.017	.113	.398	-.456
260	294	-.437	.106	-.165	-.938	260	350	-.413	.094	-.142	-.774	260	422	.246	.134	.670	-.209
260	301	-.339	.171	.140	-.914	260	351	-.374	.085	-.159	-.812	260	423	.282	.133	.763	-.070
260	302	-.180	.091	.109	-.685	260	352	-.355	.085	-.073	-.779	260	424	.168	.127	.614	-.212
260	303	-.412	.088	-.105	-.775	260	353	-.357	.069	-.147	-.683	260	425	.136	.175	.745	-.635
260	304	-.395	.125	.074	-.846	260	354	-.263	.103	.050	-.814	260	426	-.088	.094	.200	-.426
260	305	-.255	.110	.114	-.903	260	355	-.292	.144	.035	-1.494	260	427	.047	.090	.396	-.347
260	306	-.251	.094	.119	-.644	260	356	-.276	.132	.055	-.865	260	428	.200	.112	.598	-.195
260	307	-.059	.122	.434	-.485	260	357	-.306	.123	.002	-1.016	260	429	.122	.147	.600	-.379
260	308	.032	.126	.518	-.422	260	358	-.384	.102	-.091	-.943	260	430	.154	.121	.519	-.270
260	309	-.487	.124	-.094	-1.019	260	359	-.416	.095	-.182	-.847	260	431	.306	.133	.770	-.131
260	310	-.537	.137	-.082	-1.310	260	360	-.404	.080	-.200	-.812	260	432	.367	.137	.888	-.004
260	311	-.545	.153	-.090	-1.183	260	361	-.354	.103	-.079	-.842	260	433	.403	.146	.954	.028
260	312	-.459	.168	.003	-1.385	260	362	-.395	.082	-.210	-.751	260	434	.363	.143	.857	-.070
260	313	-.258	.134	.233	-.859	260	363	-.226	.077	.048	-.647	260	435	.325	.148	.801	-.122
260	314	-.252	.109	.109	-.770	260	364	-.143	.070	.073	-.584	260	436	.321	.155	.805	-.179
260	315	.112	.150	.601	-.392	260	365	-.206	.078	.030	-.632	260	437	.264	.118	.663	-.131
260	316	.144	.155	.644	-.415	260	366	-.219	.067	-.036	-.647	260	438	.107	.101	.501	-.210
260	317	-.743	.276	-.147	-1.755	260	367	-.321	.064	-.129	-.622	260	439	-.055	.093	.298	-.422
260	318	-.565	.137	-.196	-1.110	260	368	-.397	.073	-.205	-.675	260	440	-.009	.138	.542	-.507
260	319	-.591	.132	-.142	-1.193	260	369	-.417	.082	-.230	-.824	260	441	.209	.173	.698	-.378
260	320	-.530	.172	.013	-1.245	260	370	-.219	.080	.020	-.620	260	442	-.042	.095	.335	-.505
260	321	.119	.151	.750	-.435	260	371	-.208	.086	.098	-.637	260	443	.018	.094	.332	-.280
260	322	-.767	.288	-.064	-1.955	260	372	-.125	.067	.078	-.549	260	444	.138	.109	.599	-.195
260	323	-.564	.186	.029	-1.268	260	373	-.099	.047	.095	-.285	260	445	.250	.125	.676	-.092
260	324	-.593	.150	-.152	-1.131	260	374	-.169	.072	.049	-.563	260	446	.327	.141	.851	-.050
260	325	-.530	.146	-.023	-1.154	260	375	-.183	.070	.051	-.540	260	447	.346	.129	.849	-.004
260	326	-.436	.181	-.020	-1.082	260	376	-.283	.054	-.139	-.514	260	448	.409	.146	.925	.028
260	327	-.331	.136	.036	-.821	260	377	-.379	.068	-.199	-.675	260	449	.447	.143	.969	.074
260	328	-.236	.139	.170	-.876	260	378	-.379	.077	-.178	-.722	260	450	.412	.143	.903	.035
260	329	-.250	.122	.124	-1.095	260	401	.022	.170	.738	-.500	260	451	.387	.141	.888	.050
260	330	-.573	.138	-.225	-1.105	260	402	.096	.182	.712	-.386	260	452	.345	.145	.860	-.026
260	331	-.582	.139	-.152	-1.079	260	403	.163	.176	.957	-.291	260	453	.240	.133	.641	-.151
260	332	-.627	.152	-.139	-1.214	260	404	.164	.172	.731	-.461	260	454	.078	.118	.470	-.335
260	333	-.594	.177	.003	-1.180	260	405	.344	.173	.910	-.228	260	455	-.043	.086	.332	-.295

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	456	.091	.096	.451	-.184
260	457	.344	.126	.763	.024
260	458	.319	.118	.871	.028
260	459	.367	.126	.787	.053
260	460	.418	.136	.855	.050
260	461	.390	.137	.886	.085
260	462	.386	.142	.873	.061
260	463	.191	.118	.706	-.127
260	464	.018	.101	.405	-.302
260	465	-.118	.073	.203	-.367
260	466	.013	.085	.479	-.245
260	467	.186	.103	.564	-.109
260	468	.233	.112	.619	-.063
260	469	.256	.112	.632	-.046
260	470	.309	.118	.746	.042
260	471	.324	.118	.759	.057
260	472	.324	.117	.750	.031
260	473	.301	.115	.715	-.009
260	474	.287	.121	.761	.011
260	475	.143	.118	.517	-.184
260	476	.014	.115	.561	-.347
260	477	-.125	.072	.210	-.394
260	478	.010	.085	.452	-.219
260	479	.039	.070	.335	-.178
260	480	.061	.070	.329	-.227
260	481	.065	.079	.444	-.165
260	482	.166	.083	.504	-.022
260	483	.144	.077	.478	-.037
260	484	.142	.072	.509	-.024
260	485	-.063	.070	.272	-.488
260	486	-.179	.093	.317	-.498
260	487	-.206	.089	.304	-.566
260	488	-.089	.078	.311	-.447
260	489	-.071	.066	.202	-.471
260	490	-.029	.067	.248	-.374
260	491	.022	.090	.370	-.464
260	492	.080	.119	.494	-.836
260	493	.140	.116	.684	-.399
260	494	.127	.104	.606	-.329
260	495	.094	.098	.616	-.397
260	496	.020	.089	.517	-.295
260	497	-.201	.084	.283	-.652
260	498	-.072	.057	.252	-.298
260	499	-.064	.060	.316	-.284
260	500	-.004	.048	.176	-.227
260	501	.037	.060	.322	-.230
260	502	.110	.087	.496	-.225
260	503	.118	.089	.580	-.209
260	504	.117	.087	.543	-.121
260	505	.062	.082	.442	-.173
260	506	-.022	.069	.431	-.230
260	507	-.151	.075	.111	-.464
260	508	-.063	.056	.224	-.237
260	509	.065	.061	.353	-.108
260	510	.039	.050	.263	-.096
260	511	.069	.057	.335	-.088
260	512	.099	.068	.367	-.067
260	513	.119	.079	.467	-.079
260	514	.115	.083	.521	-.106
260	515	.040	.063	.336	-.123
260	516	-.038	.050	.341	-.159
260	801	-.299	.095	.049	-.727
260	802	-.199	.077	.101	-.534
260	803	.092	.076	.460	-.095
260	804	-.459	.140	-.119	-1.116
260	805	-.137	.034	-.027	-.287
260	806	-.096	.023	-.006	-.183
260	807	-.545	.187	-.038	-1.257
270	101	-.273	.101	.099	-.795
270	102	-.292	.123	.107	-.834
270	103	-.437	.113	-.081	-1.010
270	104	-.394	.090	-.093	-.740
270	105	-.231	.105	.070	-.745
270	106	-.389	.154	.085	-.953
270	107	-.305	.119	.087	-1.175
270	108	-.330	.113	.249	-.784
270	109	-.516	.168	-.113	-1.242
270	110	-.565	.167	-.140	-1.451
270	111	-.548	.141	-.149	-1.124
270	112	-.473	.118	-.180	-.971
270	113	-.041	.118	.374	-.454
270	114	-.113	.106	.269	-.476
270	115	.052	.140	.438	-.508
270	116	-.537	.151	-.108	-1.175
270	117	-.534	.137	-.125	-1.165
270	118	-.509	.144	-.152	-1.136
270	119	-.566	.272	-.148	-1.771
270	120	.116	.136	.558	-.387
270	121	.046	.145	.534	-.525
270	122	-.376	.175	.216	-1.212
270	123	-.358	.159	.090	-.965
270	124	-.414	.117	-.061	-.886
270	125	-.488	.160	-.099	-1.189
270	126	-.524	.139	-.140	-1.342
270	127	-.524	.141	-.101	-1.168
270	128	-.556	.168	-.103	-1.361
270	129	-.561	.250	-.106	-1.970
270	130	-.371	.186	.127	-1.595
270	131	-.364	.178	.139	-1.350
270	132	-.402	.128	-.017	-1.007
270	133	-.505	.171	-.012	-1.143
260	933	.094	.118	.676	-.372
260	934	-.411	.103	.043	-.864
260	935	-.233	.086	.036	-.725
260	936	-.127	.098	.443	-.486
260	937	.029	.105	.619	-.262
260	938	.356	.153	1.123	-.001
260	939	-.212	.124	.265	-.686
260	940	-.169	.118	.080	-.888
260	941	.019	.073	.353	-.291
260	942	.148	.090	.599	-.145
260	943	.103	.090	.516	-.279
260	944	-.033	.067	.280	-.376
260	945	-.142	.089	.239	-.562
260	946	.051	.068	.360	-.193
260	947	.089	.083	.448	-.342
260	948	.023	.102	.536	-.505
260	949	-.195	.075	.042	-.519
270	101	-.273	.101	.099	-.795
270	102	-.292	.123	.107	-.834
270	103	-.437	.113	-.081	-1.010
270	104	-.394	.090	-.093	-.740
270	105	-.231	.105	.070	-.745
270	106	-.389	.154	.085	-.953
270	107	-.305	.119	.087	-1.175
270	108	-.330	.113	.249	-.784
270	109	-.516	.168	-.113	-1.242
270	110	-.565	.167	-.140	-1.451
270	111	-.548	.141	-.149	-1.124
270	112	-.473	.118	-.180	-.971
270	113	-.041	.118	.374	-.454
270	114	-.113	.106	.269	-.476
270	115	.052	.140	.438	-.508
270	116	-.537	.151	-.108	-1.175
270	117	-.534	.137	-.125	-1.165
270	118	-.509	.144	-.152	-1.136
270	119	-.566	.272	-.148	-1.771
270	120	.116	.136	.558	-.387
270	121	.046	.145	.534	-.525
270	122	-.376	.175	.216	-1.212
270	123	-.358	.159	.090	-.965
270	124	-.414	.117	-.061	-.886
270	125	-.488	.160	-.099	-1.189
270	126	-.524	.139	-.140	-1.342
270	127	-.524	.141	-.101	-1.168
270	128	-.556	.168	-.103	-1.361
270	129	-.561	.250	-.106	-1.970
270	130	-.371	.186	.127	-1.595
270	131	-.364	.178	.139	-1.350
270	132	-.402	.128	-.017	-1.007
270	133	-.505	.171	-.012	-1.143

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	134	-.537	.146	-.116	-1.199	270	207	-.278	.072	-.056	-.711	270	257	-.403	.091	-.175	-.765
270	135	-.522	.140	-.166	-1.175	270	208	-.292	.080	-.024	-.722	270	258	-.412	.095	-.146	-.961
270	136	-.500	.132	-.161	-1.037	270	209	-.311	.071	-.103	-.643	270	259	-.415	.090	-.164	-.890
270	137	-.502	.117	-.157	-1.110	270	210	-.286	.073	-.078	-.580	270	260	-.400	.105	-.173	-1.001
270	138	-.381	.178	.191	-1.281	270	211	-.300	.070	-.092	-.747	270	261	-.400	.106	-.175	-1.127
270	139	-.361	.188	.257	-1.188	270	212	-.295	.063	-.096	-.736	270	262	-.423	.113	-.186	-1.276
270	140	-.382	.141	.106	-1.045	270	213	-.295	.060	-.114	-.681	270	263	-.382	.109	.012	-1.185
270	141	-.469	.179	.088	-1.339	270	214	-.292	.070	-.090	-.753	270	264	-.370	.102	-.037	-.892
270	142	-.512	.164	-.004	-1.344	270	215	-.293	.074	-.052	-.619	270	265	-.369	.104	-.116	-1.182
270	143	-.516	.153	-.140	-1.424	270	216	-.296	.077	-.048	-.676	270	266	-.391	.110	-.122	-.910
270	144	-.514	.151	-.154	-1.533	270	217	-.293	.060	-.107	-.635	270	267	-.404	.118	-.090	-1.077
270	145	-.497	.143	-.152	-1.402	270	218	-.295	.056	-.083	-.593	270	268	-.393	.093	-.155	-.861
270	146	-.323	.087	-.081	-.804	270	219	-.290	.067	-.065	-.685	270	269	-.437	.110	-.171	-.946
270	147	-.339	.099	.222	-.777	270	220	-.345	.096	-.061	-.762	270	270	-.403	.103	-.137	-1.109
270	148	-.383	.087	-.111	-.767	270	221	-.329	.084	-.046	-.681	270	271	-.388	.105	-.151	-1.028
270	149	-.403	.094	-.138	-.924	270	222	-.311	.068	-.096	-.703	270	272	-.358	.092	-.090	-.800
270	150	-.519	.204	.023	-1.607	270	223	-.294	.055	-.136	-.555	270	273	-.346	.103	-.010	-.845
270	151	-.565	.257	.210	-1.699	270	224	-.299	.055	-.147	-.536	270	274	-.354	.097	-.095	-.803
270	152	-.624	.246	.026	-2.169	270	225	-.306	.071	-.116	-.808	270	275	-.389	.114	-.084	-1.026
270	153	-.628	.275	-.049	-2.246	270	226	-.319	.081	-.087	-.716	270	276	-.398	.096	-.139	-.843
270	154	-.353	.087	-.125	-.749	270	227	-.339	.094	-.017	-.736	270	277	-.396	.097	-.180	-.816
270	155	-.375	.078	-.175	-.700	270	228	-.365	.105	-.050	-.870	270	278	-.406	.094	-.162	-.754
270	156	-.311	.068	-.118	-.789	270	229	-.347	.096	-.072	-.791	270	279	-.398	.087	-.144	-.787
270	157	-.276	.073	-.066	-.695	270	230	-.332	.082	-.087	-.694	270	280	-.388	.098	-.113	-.766
270	158	-.375	.144	-.016	-1.505	270	231	-.305	.057	-.101	-.599	270	281	-.396	.102	-.147	-.757
270	159	-.507	.236	-.004	-2.576	270	232	-.311	.057	-.125	-.560	270	282	-.391	.088	-.172	-.757
270	160	-.414	.150	.063	-1.217	270	233	-.327	.080	-.101	-.692	270	283	-.382	.088	-.161	-.812
270	161	-.367	.081	-.128	-.678	270	234	-.351	.103	-.041	-.852	270	284	-.382	.084	-.156	-.750
270	162	-.348	.092	-.118	-.782	270	235	-.360	.110	-.017	-.827	270	285	-.402	.093	-.163	-.901
270	163	-.332	.100	.023	-.921	270	236	-.392	.110	-.052	-.932	270	286	-.363	.084	-.183	-.784
270	164	-.391	.104	-.141	-.981	270	237	-.370	.101	-.055	-.861	270	287	-.372	.091	-.126	-.942
270	165	-.343	.076	-.148	-.784	270	238	-.369	.086	-.155	-.731	270	288	-.356	.087	-.067	-.793
270	166	-.328	.076	-.126	-.720	270	239	-.346	.070	-.128	-.698	270	289	-.351	.105	-.003	-.878
270	167	-.323	.072	-.143	-.663	270	240	-.329	.070	-.088	-.666	270	290	-.330	.100	.111	-.912
270	168	-.278	.105	.041	-.936	270	241	-.365	.097	-.068	-.863	270	291	-.351	.096	-.067	-.894
270	169	-.352	.133	-.069	-.971	270	242	-.384	.107	-.084	-.850	270	292	-.388	.125	-.120	-1.022
270	170	-.275	.095	.195	-.705	270	243	-.399	.119	-.032	-.977	270	293	-.372	.108	-.078	-.860
270	171	-.361	.093	-.089	-.822	270	244	-.363	.089	-.124	-.799	270	294	-.409	.108	-.161	-.919
270	172	-.294	.070	-.021	-.623	270	245	-.393	.106	-.101	-1.439	270	301	-.450	.125	-.041	-.995
270	173	-.309	.086	.282	-.717	270	246	-.413	.117	-.164	-1.334	270	302	-.273	.118	.081	-.782
270	174	-.237	.063	.095	-.479	270	247	-.390	.105	-.099	-.950	270	303	-.366	.087	-.101	-.782
270	175	-.133	.076	.148	-.474	270	248	-.370	.089	-.095	-.738	270	304	-.437	.118	-.016	-1.180
270	176	-.290	.142	.011	-.884	270	249	-.390	.104	-.153	-1.374	270	305	-.327	.112	.073	-.923
270	177	-.339	.187	.037	-1.628	270	250	-.352	.102	-.073	-1.155	270	306	-.321	.122	.081	-1.035
270	201	-.301	.086	-.026	-.744	270	251	-.381	.103	-.061	-.917	270	307	-.167	.109	.342	-.534
270	202	-.296	.080	-.004	-.648	270	252	-.404	.104	-.171	-1.068	270	308	-.096	.117	.479	-.554
270	203	-.302	.081	-.050	-.661	270	253	-.409	.111	-.144	-1.187	270	309	-.456	.124	-.154	-1.036
270	204	-.303	.070	-.083	-.573	270	254	-.385	.091	-.155	-.930	270	310	-.488	.134	-.174	-1.154
270	205	-.294	.067	-.096	-.584	270	255	-.394	.107	-.148	-.984	270	311	-.507	.146	-.182	-1.551
270	206	-.298	.076	-.030	-.762	270	256	-.399	.095	-.151	-.785	270	312	-.466	.166	-.114	-1.525

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	313	-.370	.122	.234	-1.077	270	363	-.268	.092	.010	-1.011	270	435	.241	.129	.594	-.131
270	314	-.347	.137	.151	-.987	270	364	-.165	.071	.040	-.698	270	436	.188	.148	.717	-.245
270	315	-.016	.146	.404	-.574	270	365	-.290	.101	-.056	-.812	270	437	.236	.119	.680	-.140
270	316	.054	.141	.587	-.497	270	366	-.277	.078	-.056	-.678	270	438	.094	.101	.401	-.303
270	317	-.418	.143	-.119	-1.623	270	367	-.323	.072	-.106	-.653	270	439	-.071	.099	.287	-.436
270	318	-.435	.101	-.182	-.996	270	368	-.387	.089	-.192	-.754	270	440	.123	.158	.760	-.389
270	319	-.452	.116	-.133	-.981	270	369	-.417	.092	-.056	-.880	270	441	.083	.147	.732	-.412
270	320	-.491	.137	-.125	-1.100	270	370	-.245	.103	-.013	-1.112	270	442	-.021	.099	.380	-.378
270	321	.064	.130	.594	-.362	270	371	-.228	.094	.007	-.925	270	443	.056	.111	.536	-.367
270	322	-.527	.236	-.137	-1.862	270	372	-.128	.057	.111	-.434	270	444	.204	.118	.648	-.155
270	323	-.500	.163	-.153	-1.303	270	373	-.127	.055	.110	-.349	270	445	.327	.142	.768	-.157
270	324	-.471	.127	-.133	-1.156	270	374	-.240	.082	.079	-.596	270	446	.368	.138	.826	-.094
270	325	-.477	.137	-.135	-1.082	270	375	-.252	.079	.022	-.518	270	447	.384	.140	.848	-.011
270	326	-.470	.142	-.061	-1.082	270	376	-.295	.057	-.124	-.528	270	448	.436	.148	.899	.034
270	327	-.399	.109	-.036	-.855	270	377	-.374	.084	-.175	-.710	270	449	.416	.138	.843	.071
270	328	-.423	.159	.044	-1.395	270	378	-.380	.087	-.134	-.746	270	450	.391	.138	.867	.032
270	329	-.445	.198	.149	-1.603	270	401	.152	.184	.885	-.448	270	451	.362	.135	.841	-.039
270	330	-.461	.116	-.135	-1.014	270	402	.205	.190	.794	-.348	270	452	.316	.138	.820	-.086
270	331	-.466	.122	-.156	-1.254	270	403	.201	.184	.876	-.259	270	453	.188	.116	.592	-.180
270	332	-.482	.133	-.089	-1.218	270	404	.178	.173	.881	-.330	270	454	.057	.101	.373	-.240
270	333	-.490	.132	-.076	-1.094	270	405	.274	.181	.867	-.343	270	455	-.010	.092	.425	-.339
270	334	-.486	.153	-.027	-1.247	270	406	.234	.172	.735	-.314	270	456	.146	.108	.627	-.174
270	335	-.389	.119	.044	-.932	270	407	.128	.097	.527	-.199	270	457	.352	.131	.742	.028
270	336	-.412	.193	.247	-1.273	270	408	.283	.134	.730	-.138	270	458	.365	.137	.837	.026
270	337	-.408	.196	.096	-1.258	270	409	.193	.178	.755	-.503	270	459	.385	.135	.848	.064
270	338	-.496	.136	-.174	-1.440	270	410	.176	.117	.575	-.190	270	460	.378	.129	.802	.060
270	339	-.505	.142	-.218	-1.455	270	411	.318	.126	.707	-.083	270	461	.374	.126	.818	.041
270	340	-.502	.151	-.030	-1.391	270	412	.361	.136	.840	-.058	270	462	.366	.122	.873	.064
270	341	-.505	.154	-.053	-1.461	270	413	.364	.135	.876	-.014	270	463	.166	.107	.511	-.131
270	342	-.457	.169	.110	-1.182	270	414	.269	.116	.710	-.167	270	464	-.000	.094	.363	-.311
270	343	-.386	.129	.031	-1.007	270	415	.203	.113	.604	-.090	270	465	-.089	.085	.491	-.339
270	344	-.380	.177	.264	-1.220	270	416	.152	.190	.819	-.455	270	466	.053	.102	.414	-.232
270	345	-.368	.184	.184	-1.158	270	417	.290	.149	.828	-.293	270	467	.203	.108	.650	-.120
270	346	-.622	.193	-.012	-1.521	270	418	.133	.105	.538	-.263	270	468	.241	.112	.611	-.015
270	347	-.566	.217	-.033	-1.666	270	419	-.127	.094	.166	-.563	270	469	.241	.115	.631	-.069
270	348	-.577	.243	.174	-1.893	270	420	.082	.149	.634	-.485	270	470	.291	.111	.691	-.011
270	349	-.480	.170	.032	-1.301	270	421	.082	.128	.554	-.350	270	471	.309	.118	.779	.008
270	350	-.418	.101	-.114	-.913	270	422	.282	.131	.799	-.113	270	472	.279	.115	.781	-.047
270	351	-.403	.090	-.179	-.756	270	423	.277	.147	.785	-.083	270	473	.279	.114	.691	.034
270	352	-.367	.093	-.104	-.764	270	424	.069	.114	.531	-.298	270	474	.240	.110	.609	-.037
270	353	-.361	.086	-.099	-.751	270	425	.014	.166	.518	-.531	270	475	.098	.108	.569	-.191
270	354	-.336	.150	.083	-1.505	270	426	-.104	.094	.219	-.476	270	476	-.097	.103	.403	-.453
270	355	-.410	.219	.093	-1.946	270	427	.061	.099	.440	-.295	270	477	-.111	.077	.236	-.455
270	356	-.346	.150	-.008	-1.159	270	428	.232	.117	.623	-.211	270	478	.042	.085	.383	-.229
270	357	-.322	.114	-.058	-1.298	270	429	.227	.145	.703	-.261	270	479	.070	.068	.317	-.108
270	358	-.373	.093	-.141	-.943	270	430	.243	.127	.641	-.138	270	480	.090	.077	.404	-.097
270	359	-.407	.094	-.177	-.976	270	431	.383	.137	.885	.020	270	481	.108	.082	.460	-.129
270	360	-.420	.101	-.169	-.973	270	432	.422	.149	1.030	-.034	270	482	.149	.083	.595	-.048
270	361	-.379	.106	-.136	-.822	270	433	.383	.153	.875	-.009	270	483	.163	.083	.548	-.066
270	362	-.414	.091	-.172	-.799	270	434	.336	.145	.884	-.028	270	484	.127	.076	.507	-.105

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	485	-.074	.067	.273	-.334	270	912	.113	.124	.681	-.274	280	113	.113	.130	.602	-.336
270	486	-.192	.083	.102	-.541	270	913	-.590	.155	-.147	-1.170	280	114	.032	.130	.558	-.425
270	487	-.150	.124	.404	-.675	270	914	-.549	.143	-.187	-1.138	280	115	.219	.136	.695	-.280
270	488	-.072	.101	.465	-.529	270	915	-.424	.107	-.182	-.881	280	116	-.355	.165	.121	-1.183
270	489	-.064	.070	.360	-.655	270	916	-.415	.106	-.131	-.955	280	117	-.533	.151	.032	-1.279
270	490	-.042	.054	.125	-.405	270	917	-.061	.100	.310	-.476	280	118	-.455	.160	.018	-1.061
270	491	-.037	.068	.275	-.412	270	918	-.307	.162	.392	-.926	280	119	-.822	.295	-.062	-1.835
270	492	-.032	.102	.343	-.694	270	919	-.391	.080	-.186	-.725	280	120	.255	.148	.698	-.244
270	493	.003	.126	.426	-.759	270	920	-.419	.105	-.145	-.876	280	121	.171	.157	.771	-.283
270	494	.043	.124	.548	-.808	270	921	-.418	.098	-.169	-.898	280	122	-.178	.074	.079	-.622
270	495	.035	.135	.637	-.588	270	922	-.278	.138	.197	-.870	280	123	-.133	.108	.160	-.725
270	496	-.042	.124	.450	-.619	270	923	-.036	.104	.383	-.499	280	124	-.216	.129	.153	-.718
270	497	-.150	.117	.455	-.707	270	924	.056	.110	.475	-.350	280	125	-.264	.157	.094	-1.121
270	498	-.070	.082	.369	-.331	270	925	.058	.108	.485	-.439	280	126	-.432	.148	.006	-1.016
270	499	-.065	.074	.315	-.440	270	926	.049	.102	.608	-.372	280	127	-.548	.155	-.001	-1.114
270	500	-.039	.057	.201	-.303	270	927	.099	.110	.542	-.304	280	128	-.456	.191	.118	-1.284
270	501	-.026	.059	.164	-.308	270	928	.026	.143	.603	-.558	280	129	-.791	.292	-.152	-2.140
270	502	.001	.078	.460	-.300	270	929	.318	.140	.808	-.182	280	130	-.183	.106	.109	-.909
270	503	.040	.088	.439	-.360	270	930	.345	.135	.821	-.019	280	131	-.101	.140	.302	-.723
270	504	.048	.094	.582	-.362	270	931	.300	.137	.710	-.133	280	132	-.213	.158	.187	-.843
270	505	.020	.097	.496	-.357	270	932	.016	.145	.556	-.496	280	133	-.311	.217	.209	-1.095
270	506	-.056	.093	.302	-.487	270	933	.057	.109	.447	-.419	280	134	-.482	.182	.159	-1.214
270	507	-.104	.088	.336	-.393	270	934	-.344	.083	-.133	-.699	280	135	-.518	.147	.006	-1.023
270	508	-.048	.072	.292	-.271	270	935	-.187	.088	.100	-.726	280	136	-.516	.139	-.131	-1.102
270	509	.018	.056	.292	-.245	270	936	-.098	.112	.467	-.546	280	137	-.502	.139	-.131	-1.140
270	510	.006	.045	.227	-.140	270	937	.067	.127	.630	-.420	280	138	-.244	.128	.179	-.940
270	511	.024	.052	.273	-.152	270	938	.367	.160	.994	-.004	280	139	-.192	.159	.329	-.833
270	512	.037	.058	.253	-.113	270	939	-.232	.121	.278	-.699	280	140	-.252	.146	.202	-.724
270	513	.055	.069	.484	-.162	270	940	-.215	.132	.078	-1.170	280	141	-.342	.194	.168	-1.348
270	514	.058	.070	.399	-.155	270	941	.007	.079	.414	-.318	280	142	-.408	.162	.094	-1.451
270	515	.016	.071	.465	-.184	270	942	.166	.102	.615	-.133	280	143	-.462	.145	-.016	-1.200
270	516	-.045	.055	.244	-.225	270	943	.112	.086	.462	-.194	280	144	-.455	.127	-.078	-1.119
270	801	-.233	.116	.250	-.759	270	944	-.051	.075	.217	-.412	280	145	-.447	.117	-.123	-1.202
270	802	-.248	.106	.089	-.697	270	945	-.132	.092	.256	-.455	280	146	-.272	.066	.076	-.540
270	803	.113	.084	.522	-.079	270	946	.037	.064	.300	-.186	280	147	-.261	.076	.033	-.607
270	804	-.476	.169	.053	-1.076	270	947	.063	.070	.477	-.262	280	148	-.338	.077	-.122	-.662
270	805	-.123	.042	.032	-.266	270	948	.029	.086	.387	-.619	280	149	-.347	.081	-.129	-.687
270	806	-.087	.024	.017	-.152	270	949	-.149	.077	.143	-.463	280	150	-.370	.195	.138	-1.312
270	807	-.591	.198	-.138	-1.398	280	101	-.176	.101	.172	-.630	280	151	-.354	.250	.208	-1.722
270	901	-.369	.116	-.036	-.808	280	102	-.163	.128	.216	-.808	280	152	-.381	.231	.106	-1.370
270	902	-.352	.101	-.004	-.808	280	103	-.315	.133	.338	-.735	280	153	-.522	.298	.111	-2.608
270	903	-.365	.110	-.030	-.892	280	104	-.362	.088	-.063	-.806	280	154	-.317	.066	-.114	-.662
270	904	-.408	.137	-.070	-1.015	280	105	-.128	.083	.145	-.564	280	155	-.347	.075	-.159	-.630
270	905	-.397	.120	-.061	-1.052	280	106	-.176	.147	.233	-.877	280	156	-.274	.065	-.109	-.530
270	906	-.433	.110	-.019	-.900	280	107	-.187	.097	.201	-.750	280	157	-.242	.072	-.064	-.760
270	907	-.428	.112	-.114	-.859	280	108	-.160	.134	.296	-.772	280	158	-.300	.154	.008	-1.320
270	908	-.429	.113	-.092	-.964	280	109	-.334	.151	.165	-1.063	280	159	-.321	.237	.053	-1.933
270	909	.034	.107	.564	-.276	280	110	-.415	.152	.080	-1.066	280	160	-.334	.159	.103	-1.407
270	910	-.302	.145	.173	-1.059	280	111	-.451	.112	-.126	-1.320	280	161	-.342	.072	-.164	-.735
270	911	-.508	.191	-.087	-1.559	280	112	-.409	.101	-.192	-.865	280	162	-.276	.072	-.094	-.632

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	163	-.312	.078	-.072	-.662	280	236	-.374	.084	-.002	-.683	280	286	-.378	.080	-.161	-.762
280	164	-.342	.068	-.169	-.607	280	237	-.369	.077	-.121	-.843	280	287	-.345	.087	-.057	-.712
280	165	-.308	.066	-.147	-.587	280	238	-.353	.066	-.092	-.636	280	288	-.310	.082	-.014	-.615
280	166	-.248	.061	-.069	-.510	280	239	-.328	.059	-.090	-.564	280	289	-.350	.092	-.071	-.769
280	167	-.235	.067	-.072	-.482	280	240	-.348	.068	-.146	-.634	280	290	-.350	.074	-.083	-.691
280	168	-.161	.081	.033	-.505	280	241	-.335	.070	-.144	-.706	280	291	-.333	.079	-.106	-.710
280	169	-.231	.101	.031	-.760	280	242	-.341	.082	-.085	-.921	280	292	-.341	.089	-.138	-.790
280	170	-.259	.081	.136	-.657	280	243	-.343	.088	-.054	-.861	280	293	-.298	.085	-.122	-.723
280	171	-.327	.071	-.142	-.655	280	244	-.390	.085	-.167	-.786	280	294	-.310	.085	-.101	-.776
280	172	-.258	.054	-.104	-.485	280	245	-.376	.086	-.139	-.966	280	301	-.438	.103	-.095	-.873
280	173	-.240	.072	.111	-.542	280	246	-.382	.093	-.130	-1.018	280	302	-.331	.105	.007	-.793
280	174	-.187	.053	.013	-.422	280	247	-.346	.083	-.067	-.816	280	303	-.337	.081	-.112	-.689
280	175	-.104	.052	.048	-.337	280	248	-.374	.083	-.088	-.771	280	304	-.375	.094	.004	-.932
280	176	-.136	.077	.073	-.580	280	249	-.364	.081	-.180	-.759	280	305	-.351	.116	.003	-.948
280	177	-.206	.143	.122	-1.288	280	250	-.326	.069	-.101	-.588	280	306	-.343	.132	.163	-1.138
280	201	-.306	.083	-.048	-.658	280	251	-.355	.080	-.128	-.721	280	307	-.229	.087	.113	-.573
280	202	-.301	.074	-.053	-.610	280	252	-.389	.093	-.124	-.946	280	308	-.197	.110	.160	-.588
280	203	-.295	.070	-.097	-.610	280	253	-.358	.094	-.047	-.836	280	309	-.384	.092	-.170	-.902
280	204	-.296	.058	-.110	-.537	280	254	-.363	.083	-.137	-.885	280	310	-.380	.095	-.163	-1.000
280	205	-.294	.062	-.104	-.665	280	255	-.358	.091	-.137	-1.175	280	311	-.383	.089	-.132	-1.081
280	206	-.296	.063	-.092	-.585	280	256	-.370	.086	-.144	-.706	280	312	-.361	.097	-.100	-1.348
280	207	-.276	.061	-.058	-.636	280	257	-.394	.090	-.119	-.856	280	313	-.374	.109	.027	-.989
280	208	-.290	.062	-.099	-.535	280	258	-.396	.082	-.110	-.802	280	314	-.382	.132	.014	-1.294
280	209	-.323	.059	-.115	-.577	280	259	-.392	.077	-.133	-.782	280	315	-.145	.139	.336	-.712
280	210	-.288	.066	-.068	-.626	280	260	-.397	.091	-.173	-.746	280	316	-.048	.126	.485	-.558
280	211	-.289	.058	-.121	-.590	280	261	-.386	.096	-.126	-.948	280	317	-.336	.071	-.129	-.730
280	212	-.284	.050	-.128	-.482	280	262	-.397	.101	-.121	-.932	280	318	-.344	.063	-.186	-.661
280	213	-.289	.049	-.115	-.510	280	263	-.349	.084	-.076	-.773	280	319	-.343	.065	-.158	-.640
280	214	-.291	.055	-.119	-.486	280	264	-.377	.082	-.119	-.746	280	320	-.360	.079	-.140	-1.030
280	215	-.282	.058	-.088	-.579	280	265	-.363	.092	-.109	-.897	280	321	-.040	.113	.452	-.484
280	216	-.293	.062	-.062	-.681	280	266	-.365	.082	-.175	-1.022	280	322	-.343	.076	-.125	-.949
280	217	-.274	.049	-.128	-.572	280	267	-.371	.092	-.135	-.915	280	323	-.355	.077	-.171	-.908
280	218	-.290	.046	-.130	-.497	280	268	-.337	.083	-.139	-.701	280	324	-.344	.068	-.120	-.775
280	219	-.286	.049	-.135	-.488	280	269	-.353	.088	-.148	-.681	280	325	-.352	.072	-.173	-.765
280	220	-.337	.069	-.115	-.796	280	270	-.380	.084	-.117	-.894	280	326	-.372	.084	-.135	-.946
280	221	-.321	.062	-.108	-.599	280	271	-.356	.086	-.040	-.798	280	327	-.361	.075	-.122	-.709
280	222	-.296	.047	-.123	-.532	280	272	-.327	.084	-.027	-.932	280	328	-.394	.108	-.053	-.954
280	223	-.288	.045	-.150	-.462	280	273	-.346	.088	-.072	-.764	280	329	-.406	.136	-.011	-1.331
280	224	-.293	.045	-.128	-.479	280	274	-.346	.075	-.133	-.706	280	330	-.350	.067	-.168	-.663
280	225	-.287	.049	-.146	-.495	280	275	-.368	.095	-.128	-.998	280	331	-.354	.065	-.155	-.694
280	226	-.291	.055	-.106	-.899	280	276	-.387	.088	-.121	-.795	280	332	-.362	.071	-.176	-.867
280	227	-.280	.054	-.090	-.623	280	277	-.391	.085	-.148	-.764	280	333	-.377	.078	-.145	-.755
280	228	-.359	.079	-.123	-.778	280	278	-.372	.083	-.130	-.750	280	334	-.405	.094	-.115	-.987
280	229	-.337	.069	-.115	-.625	280	279	-.385	.081	-.182	-.735	280	335	-.390	.087	.140	-.808
280	230	-.316	.053	-.104	-.563	280	280	-.327	.078	-.122	-.751	280	336	-.399	.123	-.063	-1.041
280	231	-.309	.047	-.084	-.543	280	281	-.325	.075	-.149	-.615	280	337	-.421	.151	.083	-1.383
280	232	-.315	.048	-.174	-.541	280	282	-.363	.074	-.161	-.627	280	338	-.391	.088	-.171	-1.176
280	233	-.313	.054	-.163	-.546	280	283	-.373	.081	-.163	-.680	280	339	-.394	.072	-.176	-.834
280	234	-.317	.066	-.063	-.865	280	284	-.382	.080	-.181	-.806	280	340	-.396	.078	-.168	-.834
280	235	-.313	.068	-.115	-.775	280	285	-.389	.080	-.177	-.694	280	341	-.412	.091	-.115	-.995

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	342	-.422	.106	-.064	-1.150	280	414	.219	.117	.691	-.138	280	464	-.042	.078	.245	-.344
280	343	-.391	.090	-.053	-.825	280	415	.106	.097	.459	-.195	280	465	.012	.114	.443	-.319
280	344	-.416	.129	-.029	-1.145	280	416	-.014	.189	.588	-.551	280	466	.128	.112	.639	-.191
280	345	-.410	.138	-.006	-1.405	280	417	.262	.169	.740	-.397	280	467	.236	.120	.715	-.032
280	346	-.510	.218	-.073	-2.208	280	418	.159	.117	.560	-.250	280	468	.258	.127	.726	-.045
280	347	-.480	.176	-.104	-1.316	280	419	-.064	.088	.234	-.384	280	469	.256	.123	.698	-.025
280	348	-.484	.172	.026	-1.585	280	420	.227	.146	.680	-.324	280	470	.285	.121	.704	-.040
280	349	-.496	.149	-.063	-1.828	280	421	.216	.147	.763	-.207	280	471	.235	.114	.646	-.040
280	350	-.438	.097	-.185	-.885	280	422	.301	.133	.689	-.124	280	472	.218	.109	.626	-.021
280	351	-.430	.094	-.162	-.867	280	423	.252	.135	.733	-.163	280	473	.215	.110	.659	-.040
280	352	-.409	.091	-.139	-.806	280	424	.002	.100	.379	-.338	280	474	.169	.105	.503	-.073
280	353	-.395	.081	-.154	-.771	280	425	-.171	.145	.354	-.560	280	475	.024	.086	.361	-.230
280	354	-.377	.163	.023	-1.574	280	426	-.108	.092	.227	-.446	280	476	-.141	.076	.226	-.438
280	355	-.423	.204	.013	-2.163	280	427	.104	.110	.531	-.269	280	477	-.024	.080	.361	-.334
280	356	-.327	.134	-.048	-1.049	280	428	.292	.117	.675	-.055	280	478	.119	.093	.485	-.165
280	357	-.318	.098	.026	-.831	280	429	.356	.142	.806	-.145	280	479	.121	.075	.427	-.064
280	358	-.367	.088	-.101	-.857	280	430	.328	.139	.857	-.115	280	480	.141	.075	.453	-.058
280	359	-.412	.091	-.154	-.869	280	431	.418	.134	.878	.036	280	481	.154	.087	.508	-.062
280	360	-.422	.089	-.205	-1.082	280	432	.426	.149	.881	.031	280	482	.142	.079	.560	-.064
280	361	-.432	.108	-.177	-1.085	280	433	.373	.132	.786	.005	280	483	.146	.086	.537	-.057
280	362	-.427	.091	-.144	-.834	280	434	.247	.126	.639	-.159	280	484	.133	.073	.406	-.064
280	363	-.327	.143	.000	-1.468	280	435	.181	.115	.680	-.183	280	485	-.069	.065	.158	-.334
280	364	-.247	.112	.135	-.854	280	436	.055	.143	.555	-.431	280	486	-.163	.079	.121	-.488
280	365	-.364	.117	-.073	-.951	280	437	.221	.116	.732	-.193	280	487	.029	.167	.487	-.781
280	366	-.321	.094	-.071	-.773	280	438	.068	.084	.350	-.185	280	488	.043	.160	.550	-.785
280	367	-.353	.081	-.061	-.720	280	439	-.045	.089	.402	-.368	280	489	-.017	.141	.462	-.761
280	368	-.431	.090	-.203	-.836	280	440	.265	.179	.928	-.381	280	490	-.090	.106	.205	-.827
280	369	-.434	.104	-.215	-1.128	280	441	-.029	.124	.540	-.485	280	491	-.068	.062	.132	-.524
280	370	-.298	.174	.102	-2.028	280	442	-.001	.088	.318	-.308	280	492	-.058	.067	.239	-.485
280	371	-.257	.138	.041	-.948	280	443	.109	.121	.566	-.379	280	493	-.071	.080	.309	-.592
280	372	-.123	.074	.310	-.443	280	444	.259	.134	.726	-.133	280	494	-.072	.096	.343	-1.125
280	373	-.147	.063	.152	-.388	280	445	.385	.152	.851	.007	280	495	-.098	.114	.482	-.684
280	374	-.239	.089	.210	-.710	280	446	.420	.148	.931	-.001	280	496	-.176	.129	.500	-.882
280	375	-.243	.078	.129	-.527	280	447	.432	.153	.885	.016	280	497	-.012	.115	.422	-.430
280	376	-.311	.061	-.072	-.629	280	448	.456	.144	1.030	.109	280	498	.031	.124	.714	-.347
280	377	-.413	.093	-.195	-.914	280	449	.416	.136	.872	.001	280	499	-.021	.092	.431	-.483
280	378	-.427	.101	-.161	-.890	280	450	.344	.131	.773	-.010	280	500	-.050	.059	.163	-.386
280	401	.336	.184	.910	-.326	280	451	.287	.121	.665	-.057	280	501	-.055	.052	.155	-.302
280	402	.331	.188	.877	-.287	280	452	.235	.122	.648	-.135	280	502	-.051	.062	.223	-.396
280	403	.214	.172	.758	-.289	280	453	.139	.109	.618	-.176	280	503	-.065	.068	.179	-.368
280	404	.148	.163	.746	-.338	280	454	.008	.089	.327	-.278	280	504	-.048	.081	.429	-.483
280	405	.127	.170	.657	-.296	280	455	.044	.115	.553	-.271	280	505	-.076	.095	.479	-.475
280	406	.062	.170	.595	-.365	280	456	.217	.120	.674	-.105	280	506	-.158	.108	.275	-.974
280	407	.184	.103	.489	-.264	280	457	.387	.136	.834	.022	280	507	-.003	.082	.356	-.276
280	408	.273	.126	.650	-.138	280	458	.382	.142	.922	-.008	280	508	.039	.089	.423	-.179
280	409	.305	.157	.848	-.273	280	459	.354	.135	.924	.042	280	509	-.007	.060	.320	-.211
280	410	.281	.134	.795	-.106	280	460	.366	.137	.810	.055	280	510	-.000	.052	.232	-.164
280	411	.364	.134	.774	-.034	280	461	.293	.125	.747	-.004	280	511	-.011	.045	.289	-.154
280	412	.361	.140	.822	-.092	280	462	.322	.114	.801	.031	280	512	-.005	.053	.342	-.147
280	413	.317	.137	.889	-.135	280	463	.102	.096	.486	-.152	280	513	.009	.061	.367	-.174

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	514	-.011	.069	.323	-.215	280	941	.041	.091	.479	-.291	290	142	-.183	.166	.204	-.846
280	515	-.035	.069	.342	-.235	280	942	.173	.106	.602	-.093	290	143	-.279	.163	.278	-.931
280	516	-.086	.067	.252	-.362	280	943	.129	.098	.585	-.149	290	144	-.313	.121	.226	-.839
280	801	-.094	.093	.210	-.731	280	944	-.014	.076	.301	-.392	290	145	-.322	.114	.112	-.891
280	802	-.300	.091	-.015	-.788	280	945	-.064	.100	.284	-.606	290	146	-.258	.054	-.094	-.480
280	803	.133	.083	.699	-.077	280	946	.034	.079	.430	-.218	290	147	-.213	.072	.078	-.525
280	804	-.293	.154	.148	-.906	280	947	.059	.081	.408	-.142	290	148	-.315	.083	-.002	-.647
280	805	-.048	.041	.092	-.195	280	948	.026	.068	.440	-.196	290	149	-.298	.088	.003	-.624
280	806	-.063	.022	.027	-.135	280	949	-.123	.063	.135	-.446	290	150	-.216	.176	.222	-.965
280	807	-.559	.164	-.162	-1.362	290	101	-.096	.073	.295	-.504	290	151	-.149	.169	.282	-.978
280	901	-.378	.117	-.029	-.882	290	102	-.042	.102	.270	-.673	290	152	-.207	.151	.215	-.861
280	902	-.334	.083	-.037	-.650	290	103	-.100	.189	.425	-.658	290	153	-.275	.183	.197	-1.647
280	903	-.347	.100	.014	-.840	290	104	-.231	.088	.111	-.569	290	154	-.296	.060	-.113	-.541
280	904	-.450	.138	-.090	-1.006	290	105	-.018	.092	.328	-.308	290	155	-.322	.070	-.104	-.594
280	905	-.376	.101	-.088	-.804	290	106	.034	.120	.457	-.484	290	156	-.247	.062	-.067	-.552
280	906	-.448	.108	-.099	-.829	290	107	-.072	.067	.123	-.385	290	157	-.215	.072	-.004	-.535
280	907	-.461	.110	-.115	-1.039	290	108	.043	.113	.384	-.505	290	158	-.235	.112	.028	-.908
280	908	-.409	.098	-.112	-.822	290	109	-.030	.142	.348	-.608	290	159	-.172	.133	.100	-1.209
280	909	.079	.094	.521	-.169	290	110	-.112	.150	.318	-.578	290	160	-.226	.119	.098	-.888
280	910	-.163	.110	.222	-.700	290	111	-.259	.101	.164	-.623	290	161	-.316	.062	-.131	-.582
280	911	-.536	.184	-.100	-1.757	290	112	-.281	.079	.030	-.662	290	162	-.245	.069	-.059	-.649
280	912	.159	.130	.663	-.237	290	113	.272	.132	.657	-.136	290	163	-.291	.079	.016	-.624
280	913	-.431	.129	-.095	-.918	290	114	.222	.140	.713	-.236	290	164	-.328	.068	-.139	-.644
280	914	-.398	.088	-.186	-.885	290	115	.381	.147	.848	-.107	290	165	-.270	.054	-.096	-.477
280	915	-.462	.111	-.159	-.930	290	116	-.015	.121	.370	-.659	290	166	-.175	.053	.098	-.500
280	916	-.413	.090	-.141	-.778	290	117	-.247	.173	.278	-.836	290	167	-.149	.049	.008	-.350
280	917	.061	.107	.436	-.324	290	118	-.142	.161	.489	-.661	290	168	-.058	.040	.073	-.288
280	918	-.197	.152	.367	-.774	290	119	-.436	.255	.230	-1.371	290	169	-.162	.070	.060	-.475
280	919	-.454	.092	-.172	-.788	290	120	.385	.153	.810	-.089	290	170	-.251	.096	.227	-.584
280	920	-.450	.110	-.137	-.941	290	121	.324	.158	.875	-.129	290	171	-.306	.070	-.022	-.530
280	921	-.438	.100	-.157	-.824	290	122	-.107	.044	.067	-.312	290	172	-.218	.049	-.019	-.408
280	922	-.267	.110	.171	-.650	290	123	.014	.067	.324	-.237	290	173	-.176	.052	.025	-.343
280	923	-.114	.113	.202	-.602	290	124	.039	.089	.345	-.296	290	174	-.118	.048	.105	-.330
280	924	.079	.120	.502	-.366	290	125	.029	.098	.335	-.384	290	175	-.050	.037	.130	-.191
280	925	.044	.096	.370	-.256	290	126	-.112	.152	.311	-.699	290	176	-.095	.067	.065	-.435
280	926	.010	.091	.365	-.278	290	127	-.275	.180	.309	-.870	290	177	-.155	.093	.107	-.789
280	927	.174	.116	.566	-.222	290	128	-.062	.178	.425	-.666	290	201	-.323	.070	-.110	-.684
280	928	.138	.154	.611	-.394	290	129	-.544	.355	.376	-1.899	290	202	-.314	.064	-.103	-.633
280	929	.324	.150	.788	-.094	290	130	-.120	.045	.048	-.378	290	203	-.302	.059	-.132	-.702
280	930	.336	.133	.759	-.050	290	131	.015	.071	.316	-.450	290	204	-.297	.049	-.128	-.509
280	931	.239	.125	.629	-.138	290	132	.052	.099	.321	-.378	290	205	-.294	.058	-.072	-.587
280	932	-.078	.123	.380	-.518	290	133	.028	.129	.356	-.716	290	206	-.302	.060	-.086	-.620
280	933	-.008	.104	.442	-.416	290	134	-.165	.218	.261	-.943	290	207	-.290	.052	-.120	-.491
280	934	-.318	.070	-.145	-.683	290	135	-.284	.215	.333	-1.038	290	208	-.299	.052	-.126	-.502
280	935	-.153	.112	.183	-.849	290	136	-.316	.147	.278	-.789	290	209	-.336	.050	-.190	-.589
280	936	-.019	.108	.563	-.401	290	137	-.315	.133	.231	-.770	290	210	-.309	.054	-.085	-.524
280	937	.124	.119	.636	-.184	290	138	-.152	.064	.094	-.673	290	211	-.303	.047	-.161	-.511
280	938	.346	.143	1.066	.032	290	139	-.061	.101	.284	-.622	290	212	-.284	.042	-.168	-.533
280	939	-.237	.090	.134	-.592	290	140	-.045	.118	.272	-.472	290	213	-.287	.042	-.159	-.476
280	940	-.188	.103	.083	-.859	290	141	-.062	.159	.257	-.855	290	214	-.291	.044	-.143	-.485

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	215	-.284	.044	-.161	-.480	290	265	-.377	.072	-.191	-.744	290	321	-.168	.104	.220	-.521
290	216	-.286	.045	-.130	-.491	290	266	-.357	.070	-.129	-.771	290	322	-.318	.047	-.145	-.497
290	217	-.285	.043	-.143	-.469	290	267	-.358	.071	-.115	-.822	290	323	-.335	.051	-.176	-.603
290	218	-.278	.040	-.168	-.425	290	268	-.283	.068	-.057	-.557	290	324	-.339	.048	-.168	-.558
290	219	-.288	.041	-.150	-.429	290	269	-.292	.075	-.045	-.649	290	325	-.337	.047	-.191	-.555
290	220	-.341	.050	-.188	-.547	290	270	-.368	.061	-.165	-.678	290	326	-.365	.055	-.130	-.719
290	221	-.325	.046	-.181	-.527	290	271	-.348	.073	-.077	-.685	290	327	-.380	.064	-.187	-.641
290	222	-.301	.041	-.170	-.447	290	272	-.356	.080	-.045	-.672	290	328	-.386	.062	-.209	-.664
290	223	-.293	.038	-.130	-.431	290	273	-.393	.078	-.154	-.784	290	329	-.382	.073	-.209	-.848
290	224	-.290	.036	-.188	-.425	290	274	-.372	.079	-.158	-1.068	290	330	-.340	.048	-.193	-.515
290	225	-.290	.038	-.161	-.456	290	275	-.353	.075	-.109	-.822	290	331	-.347	.048	-.176	-.517
290	226	-.285	.039	-.143	-.449	290	276	-.360	.068	-.151	-.636	290	332	-.350	.049	-.216	-.578
290	227	-.284	.039	-.163	-.431	290	277	-.354	.066	-.109	-.658	290	333	-.360	.051	-.183	-.565
290	228	-.351	.048	-.177	-.518	290	278	-.370	.063	-.172	-.676	290	334	-.388	.057	-.110	-.664
290	229	-.350	.048	-.134	-.520	290	279	-.381	.066	-.183	-.852	290	335	-.393	.058	-.111	-.632
290	230	-.315	.043	-.146	-.496	290	280	-.268	.064	-.062	-.575	290	336	-.384	.066	-.133	-.843
290	231	-.300	.040	-.159	-.502	290	281	-.258	.056	-.085	-.566	290	337	-.387	.070	-.192	-.752
290	232	-.306	.043	-.174	-.456	290	282	-.358	.058	-.193	-.646	290	338	-.376	.056	-.148	-.591
290	233	-.299	.041	-.177	-.440	290	283	-.361	.067	-.179	-.658	290	339	-.377	.058	-.209	-.654
290	234	-.294	.045	-.154	-.624	290	284	-.368	.061	-.175	-.699	290	340	-.379	.052	-.219	-.656
290	235	-.288	.046	-.115	-.541	290	285	-.375	.064	-.154	-.706	290	341	-.383	.053	-.216	-.596
290	236	-.368	.057	-.176	-.663	290	286	-.375	.061	-.149	-.635	290	342	-.395	.058	-.158	-.778
290	237	-.367	.058	-.183	-.579	290	287	-.336	.072	-.055	-.598	290	343	-.384	.057	-.209	-.656
290	238	-.345	.055	-.106	-.536	290	288	-.356	.073	.021	-.729	290	344	-.390	.067	-.155	-1.017
290	239	-.322	.055	-.151	-.645	290	289	-.372	.073	-.119	-.743	290	345	-.390	.069	-.153	-.816
290	240	-.337	.061	-.163	-.568	290	290	-.358	.068	-.156	-.840	290	346	-.384	.067	-.148	-1.072
290	241	-.327	.060	-.165	-.654	290	291	-.360	.068	-.175	-.702	290	347	-.380	.084	-.118	-.908
290	242	-.323	.065	-.102	-.674	290	292	-.329	.069	-.108	-.676	290	348	-.396	.088	-.146	-1.049
290	243	-.320	.071	-.075	-.926	290	293	-.212	.079	.033	-.561	290	349	-.409	.086	-.153	-.993
290	244	-.362	.060	-.171	-.605	290	294	-.217	.066	-.027	-.515	290	350	-.410	.063	-.239	-.693
290	245	-.385	.065	-.192	-.638	290	301	-.442	.092	-.187	-.872	290	351	-.394	.069	-.186	-.721
290	246	-.370	.070	-.095	-.687	290	302	-.403	.088	-.133	-.769	290	352	-.390	.073	-.201	-.761
290	247	-.348	.077	-.106	-.818	290	303	-.391	.086	-.123	-.757	290	353	-.393	.061	-.189	-.713
290	248	-.392	.079	-.156	-.874	290	304	-.380	.091	-.074	-.897	290	354	-.459	.160	.003	-1.273
290	249	-.367	.068	-.149	-.665	290	305	-.380	.114	.021	-1.054	290	355	-.516	.178	-.072	-1.511
290	250	-.362	.066	-.189	-.776	290	306	-.375	.124	-.010	-.961	290	356	-.433	.151	-.062	-1.334
290	251	-.349	.069	-.156	-.746	290	307	-.303	.075	-.015	-.597	290	357	-.348	.086	-.080	-.683
290	252	-.378	.059	-.201	-.676	290	308	-.342	.092	.019	-.656	290	358	-.362	.077	-.100	-.683
290	253	-.330	.068	-.043	-.672	290	309	-.357	.085	-.161	-.981	290	359	-.386	.072	-.128	-.678
290	254	-.384	.075	-.190	-.861	290	310	-.380	.080	-.188	-.796	290	360	-.397	.074	-.216	-.754
290	255	-.361	.071	-.167	-.811	290	311	-.371	.073	-.155	-.821	290	361	-.432	.082	-.176	-.759
290	256	-.371	.074	-.140	-.719	290	312	-.347	.075	-.136	-.816	290	362	-.427	.075	-.219	-.774
290	257	-.382	.070	-.181	-.701	290	313	-.396	.097	.026	-.914	290	363	-.432	.147	.026	-1.125
290	258	-.380	.061	-.219	-.690	290	314	-.407	.118	-.020	-.985	290	364	-.353	.123	.114	-.966
290	259	-.379	.059	-.203	-.739	290	315	-.296	.108	.078	-.700	290	365	-.488	.135	-.118	-1.072
290	260	-.382	.063	-.172	-.703	290	316	-.197	.115	.230	-.575	290	366	-.415	.116	.051	-.993
290	261	-.372	.066	-.138	-.721	290	317	-.327	.057	-.136	-.572	290	367	-.330	.068	-.093	-.643
290	262	-.355	.064	-.066	-.669	290	318	-.343	.052	-.161	-.586	290	368	-.394	.068	-.196	-.751
290	263	-.360	.080	-.045	-.775	290	319	-.336	.050	-.196	-.578	290	369	-.408	.071	-.226	-.779
290	264	-.387	.072	-.176	-.757	290	320	-.347	.056	-.178	-.624	290	370	-.430	.211	.112	-1.521

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	371	-.433	.187	.021	-1.400	290	443	.303	.148	.762	-.248	290	493	-.055	.066	.285	-.409
290	372	-.070	.106	.394	-.564	290	444	.400	.142	.976	-.012	290	494	-.064	.071	.368	-.630
290	373	-.116	.107	.524	-.474	290	445	.432	.146	.883	-.151	290	495	-.133	.079	.267	-.570
290	374	-.318	.151	.316	-.991	290	446	.431	.142	.881	-.006	290	496	-.245	.092	.121	-.635
290	375	-.286	.105	.194	-.708	290	447	.442	.145	.915	.050	290	497	.088	.076	.493	-.146
290	376	-.292	.051	-.100	-.508	290	448	.431	.135	.874	.089	290	498	.137	.095	.763	-.131
290	377	-.394	.066	-.188	-.645	290	449	.353	.129	.801	-.006	290	499	.110	.095	.507	-.212
290	378	-.398	.064	-.217	-.747	290	450	.248	.107	.610	-.043	290	500	.037	.063	.280	-.201
290	401	.392	.158	.866	-.124	290	451	.198	.100	.528	-.069	290	501	-.012	.065	.217	-.282
290	402	.421	.159	.960	-.156	290	452	.132	.103	.623	-.157	290	502	-.022	.064	.249	-.326
290	403	.206	.158	.742	-.255	290	453	.047	.091	.388	-.255	290	503	-.047	.065	.288	-.282
290	404	.083	.139	.647	-.271	290	454	-.056	.071	.297	-.255	290	504	-.049	.067	.350	-.284
290	405	-.036	.128	.539	-.375	290	455	.211	.130	.758	-.144	290	505	-.127	.066	.223	-.534
290	406	-.121	.124	.546	-.435	290	456	.320	.132	.898	-.049	290	506	-.242	.081	.069	-.679
290	407	.294	.120	.728	-.126	290	457	.397	.126	.879	.091	290	507	.069	.065	.352	-.308
290	408	.354	.123	.822	-.066	290	458	.395	.132	.909	.063	290	508	.139	.090	.490	-.128
290	409	.384	.142	.850	-.128	290	459	.346	.117	.760	.081	290	509	.059	.072	.441	-.196
290	410	.360	.140	.908	-.016	290	460	.311	.119	.729	.046	290	510	.064	.058	.358	-.079
290	411	.376	.131	.790	-.016	290	461	.244	.110	.643	-.038	290	511	.029	.054	.310	-.114
290	412	.345	.126	.728	-.059	290	462	.223	.094	.548	-.014	290	512	.032	.062	.346	-.138
290	413	.267	.113	.733	-.066	290	463	.026	.081	.381	-.183	290	513	.069	.076	.400	-.145
290	414	.107	.097	.415	-.278	290	464	-.113	.069	.200	-.306	290	514	-.028	.065	.358	-.238
290	415	.004	.084	.337	-.248	290	465	.142	.111	.582	-.172	290	515	-.076	.064	.249	-.262
290	416	-.257	.138	.318	-.612	290	466	.239	.121	.857	-.071	290	516	-.163	.081	.195	-.469
290	417	.058	.214	.716	-.557	290	467	.322	.125	.866	.029	290	801	-.007	.078	.316	-.302
290	418	.082	.151	.583	-.485	290	468	.302	.113	.773	.035	290	802	-.306	.059	-.069	-.573
290	419	.073	.097	.431	-.204	290	469	.319	.116	.838	.024	290	803	.134	.070	.423	-.037
290	420	.357	.150	.880	-.089	290	470	.300	.115	.758	.018	290	804	-.135	.115	.216	-.627
290	421	.390	.160	.855	-.142	290	471	.243	.101	.667	.007	290	805	-.018	.037	.116	-.123
290	422	.286	.123	.832	-.073	290	472	.176	.091	.513	-.062	290	806	-.040	.017	.020	-.089
290	423	.219	.118	.640	-.149	290	473	.202	.085	.539	-.053	290	807	-.420	.100	-.198	-.932
290	424	-.111	.079	.270	-.350	290	474	.111	.089	.476	-.157	290	901	-.465	.133	-.059	-1.010
290	425	-.342	.102	.217	-.743	290	475	-.038	.071	.548	-.235	290	902	-.322	.065	-.039	-.576
290	426	-.156	.098	.318	-.485	290	476	-.187	.059	.108	-.388	290	903	-.342	.085	-.070	-.777
290	427	.303	.127	.742	-.103	290	477	.085	.085	.431	-.129	290	904	-.509	.127	-.132	-1.036
290	428	.389	.133	.806	-.016	290	478	.213	.098	.608	-.009	290	905	-.363	.082	-.059	-.720
290	429	.398	.130	.813	-.082	290	479	.162	.070	.449	-.058	290	906	-.458	.110	-.103	-.844
290	430	.413	.147	.940	.021	290	480	.154	.068	.435	-.053	290	907	-.486	.104	-.177	-.844
290	431	.434	.146	.915	.084	290	481	.208	.082	.566	-.019	290	908	-.426	.089	-.166	-.797
290	432	.401	.130	.883	.018	290	482	.198	.073	.425	-.066	290	909	.094	.085	.451	-.121
290	433	.307	.125	.742	-.064	290	483	.114	.068	.454	-.037	290	910	-.036	.108	.324	-.515
290	434	.159	.110	.576	-.175	290	484	.099	.062	.399	-.053	290	911	-.429	.119	-.162	-1.347
290	435	.056	.095	.431	-.233	290	485	-.084	.056	.126	-.310	290	912	.160	.117	.701	-.228
290	436	-.130	.134	.440	-.514	290	486	-.176	.057	.035	-.393	290	913	-.237	.090	.081	-.635
290	437	.158	.105	.569	-.146	290	487	.109	.090	.575	-.376	290	914	-.398	.073	-.204	-.664
290	438	.021	.070	.286	-.248	290	488	.163	.104	.551	-.245	290	915	-.546	.119	-.225	-1.005
290	439	.117	.106	.580	-.211	290	489	.129	.110	.675	-.493	290	916	-.446	.091	-.150	-.835
290	440	.427	.158	.926	-.012	290	490	.019	.130	.402	-.744	290	917	.222	.116	.584	-.123
290	441	-.173	.095	.174	-.479	290	491	-.092	.104	.178	-.707	290	918	-.011	.137	.510	-.500
290	442	-.035	.087	.277	-.369	290	492	-.060	.071	.238	-.464	290	919	-.510	.090	-.227	-.794

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	920	-.563	.108	-.225	-.963	300	121	.351	.170	.888	-.122	300	171	-.179	.059	.141	-.457
290	921	-.505	.101	-.205	-.895	300	122	-.064	.052	.116	-.224	300	172	-.140	.045	.080	-.398
290	922	-.308	.084	-.004	-.692	300	123	.069	.086	.342	-.381	300	173	-.114	.050	.220	-.291
290	923	-.289	.118	.039	-.763	300	124	.171	.104	.558	-.187	300	174	-.089	.043	.161	-.232
290	924	.085	.142	.611	-.419	300	125	.175	.101	.490	-.128	300	175	-.048	.039	.109	-.214
290	925	.014	.096	.408	-.281	300	126	.131	.128	.490	-.540	300	176	-.104	.072	.126	-.578
290	926	-.005	.080	.292	-.257	300	127	.071	.183	.567	-.535	300	177	-.158	.085	.079	-.770
290	927	.319	.130	.778	-.028	300	128	.203	.165	.664	-.571	300	201	-.310	.062	-.094	-.611
290	928	.265	.167	.814	-.234	300	129	.065	.282	.702	-1.227	300	202	-.303	.054	-.138	-.605
290	929	.312	.152	.800	-.092	300	130	-.107	.045	.097	-.272	300	203	-.287	.052	-.149	-.563
290	930	.263	.126	.694	-.090	300	131	.033	.074	.298	-.219	300	204	-.280	.049	-.118	-.671
290	931	.168	.112	.512	-.141	300	132	.133	.096	.468	-.328	300	205	-.296	.064	-.100	-.620
290	932	-.203	.103	.211	-.507	300	133	.124	.092	.417	-.364	300	206	-.308	.056	-.094	-.541
290	933	-.120	.093	.295	-.419	300	134	.118	.123	.550	-.894	300	207	-.296	.049	-.136	-.490
290	934	-.288	.061	-.101	-.500	300	135	.094	.189	.624	-.799	300	208	-.298	.046	-.131	-.475
290	935	-.069	.108	.264	-.632	300	136	.015	.231	.619	-1.108	300	209	-.320	.046	-.177	-.554
290	936	.029	.098	.434	-.311	300	137	-.004	.220	.712	-.673	300	210	-.302	.052	-.111	-.587
290	937	.169	.111	.687	-.140	300	138	-.140	.050	.070	-.301	300	211	-.284	.041	-.136	-.459
290	938	.266	.131	.954	-.021	300	139	-.035	.070	.440	-.395	300	212	-.278	.042	-.138	-.426
290	939	-.237	.079	.225	-.658	300	140	.048	.091	.425	-.353	300	213	-.285	.043	-.153	-.455
290	940	-.213	.086	.047	-.790	300	141	.035	.092	.395	-.780	300	214	-.294	.044	-.133	-.457
290	941	.114	.081	.441	-.131	300	142	.010	.119	.343	-.542	300	215	-.287	.042	-.151	-.486
290	942	.181	.091	.575	-.072	300	143	-.041	.174	.452	-.718	300	216	-.287	.042	-.131	-.431
290	943	.130	.085	.458	-.179	300	144	-.101	.192	.407	-.735	300	217	-.280	.039	-.160	-.440
290	944	-.023	.061	.285	-.233	300	145	-.123	.187	.524	-.725	300	218	-.277	.040	-.124	-.466
290	945	-.022	.077	.289	-.385	300	146	-.234	.047	-.056	-.481	300	219	-.284	.041	-.138	-.422
290	946	.102	.089	.570	-.257	300	147	-.159	.055	.050	-.407	300	220	-.320	.044	-.171	-.486
290	947	.067	.078	.453	-.196	300	148	-.140	.096	.164	-.555	300	221	-.302	.039	-.186	-.468
290	948	.033	.069	.383	-.223	300	149	-.117	.091	.134	-.474	300	222	-.284	.036	-.158	-.413
290	949	-.142	.065	.183	-.360	300	150	.019	.148	.475	-.679	300	223	-.284	.034	-.180	-.411
300	101	-.062	.063	.218	-.321	300	151	.007	.137	.507	-.590	300	224	-.286	.035	-.180	-.426
300	102	-.003	.082	.271	-.508	300	152	-.023	.131	.408	-.672	300	225	-.285	.037	-.169	-.406
300	103	.161	.132	.541	-.464	300	153	-.039	.136	.438	-.817	300	226	-.276	.037	-.155	-.406
300	104	-.058	.110	.339	-.476	300	154	-.254	.051	-.075	-.470	300	227	-.277	.040	-.160	-.451
300	105	.089	.112	.640	-.306	300	155	-.223	.065	.025	-.462	300	228	-.333	.050	-.113	-.550
300	106	.148	.128	.602	-.515	300	156	-.180	.053	-.027	-.447	300	229	-.316	.046	-.129	-.470
300	107	-.040	.059	.199	-.263	300	157	-.138	.063	.055	-.620	300	230	-.289	.039	-.151	-.446
300	108	.111	.083	.403	-.212	300	158	-.134	.084	.067	-.681	300	231	-.294	.037	-.153	-.420
300	109	.148	.113	.461	-.338	300	159	-.136	.108	.102	-.738	300	232	-.294	.036	-.188	-.451
300	110	.115	.123	.471	-.580	300	160	-.180	.110	.092	-.738	300	233	-.281	.040	-.162	-.411
300	111	-.025	.155	.390	-.604	300	161	-.207	.050	-.046	-.402	300	234	-.277	.043	-.140	-.440
300	112	-.104	.137	.378	-.474	300	162	-.167	.057	.062	-.469	300	235	-.274	.042	-.095	-.435
300	113	.379	.142	.885	-.158	300	163	-.192	.064	.030	-.516	300	236	-.354	.051	-.142	-.556
300	114	.334	.158	.786	-.261	300	164	-.211	.063	-.027	-.484	300	237	-.341	.049	-.191	-.525
300	115	.397	.154	.842	-.061	300	165	-.182	.048	.010	-.420	300	238	-.316	.051	-.030	-.516
300	116	.155	.107	.462	-.430	300	166	-.131	.044	.070	-.316	300	239	-.317	.054	-.147	-.534
300	117	.085	.154	.479	-.585	300	167	-.118	.042	.062	-.286	300	240	-.329	.055	-.158	-.552
300	118	.174	.158	.666	-.483	300	168	-.058	.043	.092	-.311	300	241	-.306	.051	-.142	-.505
300	119	-.007	.214	.581	-.931	300	169	-.156	.067	.070	-.494	300	242	-.294	.052	-.102	-.520
300	120	.413	.165	.954	-.113	300	170	-.154	.073	.280	-.420	300	243	-.297	.056	.001	-.847

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	244	-.358	.054	-.154	-.597	300	294	-.141	.043	.015	-.404	300	350	-.375	.052	-.232	-.637
300	245	-.366	.056	-.167	-.592	300	301	-.419	.084	-.188	-.823	300	351	-.359	.054	-.224	-.667
300	246	-.339	.066	-.064	-.691	300	302	-.396	.076	-.126	-.737	300	352	-.362	.054	-.192	-.650
300	247	-.366	.076	-.102	-.858	300	303	-.374	.081	-.089	-.899	300	353	-.359	.056	-.219	-.873
300	248	-.391	.067	-.225	-.782	300	304	-.354	.083	-.075	-.746	300	354	-.464	.150	-.084	-1.073
300	249	-.362	.064	-.187	-.632	300	305	-.350	.094	.041	-.855	300	355	-.550	.161	-.066	-1.238
300	250	-.357	.058	-.169	-.577	300	306	-.353	.102	-.030	-.818	300	356	-.483	.146	-.076	-1.296
300	251	-.331	.061	-.153	-.673	300	307	-.339	.074	-.107	-.788	300	357	-.360	.084	-.059	-.707
300	252	-.363	.056	-.095	-.581	300	308	-.380	.072	-.153	-.660	300	358	-.360	.071	-.136	-.690
300	253	-.336	.074	-.017	-.691	300	309	-.365	.087	-.141	-.815	300	359	-.367	.067	-.181	-.675
300	254	-.383	.070	-.205	-.881	300	310	-.353	.076	-.155	-.800	300	360	-.365	.055	-.197	-.572
300	255	-.350	.066	-.142	-.919	300	311	-.332	.054	-.152	-.678	300	361	-.423	.080	-.189	-.765
300	256	-.354	.069	-.165	-.632	300	312	-.316	.062	-.097	-.643	300	362	-.401	.064	-.204	-.697
300	257	-.359	.064	-.162	-.708	300	313	-.359	.083	-.082	-.810	300	363	-.465	.134	-.089	-1.133
300	258	-.358	.054	-.209	-.666	300	314	-.367	.096	-.092	-.924	300	364	-.329	.121	.154	-.845
300	259	-.360	.057	-.214	-.697	300	315	-.325	.087	.041	-.650	300	365	-.526	.137	-.099	-1.106
300	260	-.370	.060	-.185	-.677	300	316	-.284	.094	.079	-.597	300	366	-.423	.102	-.074	-.840
300	261	-.363	.059	-.106	-.644	300	317	-.317	.056	-.131	-.620	300	367	-.324	.059	-.124	-.557
300	262	-.342	.064	-.008	-.594	300	318	-.315	.051	-.165	-.556	300	368	-.365	.058	-.204	-.597
300	263	-.385	.083	-.055	-.778	300	319	-.305	.045	-.170	-.500	300	369	-.377	.057	-.237	-.620
300	264	-.394	.080	-.185	-.957	300	320	-.316	.050	-.157	-.576	300	370	-.473	.191	.024	-1.466
300	265	-.362	.071	-.179	-.777	300	321	-.274	.096	-.122	-.621	300	371	-.484	.168	-.044	-1.266
300	266	-.334	.064	-.167	-.677	300	322	-.304	.050	-.155	-.508	300	372	-.064	.102	.402	-.427
300	267	-.338	.066	-.165	-.901	300	323	-.318	.051	-.160	-.513	300	373	-.105	.102	.300	-.437
300	268	-.184	.062	.070	-.534	300	324	-.310	.042	-.188	-.485	300	374	-.410	.145	.159	-1.015
300	269	-.194	.048	-.041	-.523	300	325	-.310	.046	-.170	-.523	300	375	-.380	.097	-.006	-.700
300	270	-.350	.059	-.118	-.603	300	326	-.335	.050	-.188	-.510	300	376	-.312	.052	-.161	-.589
300	271	-.339	.067	-.037	-.594	300	327	-.337	.054	-.185	-.638	300	377	-.362	.058	-.146	-.667
300	272	-.368	.074	-.104	-.659	300	328	-.349	.062	-.198	-.803	300	378	-.374	.055	-.228	-.574
300	273	-.394	.077	-.198	-.773	300	329	-.346	.067	-.190	-.778	300	401	.281	.164	.819	-.484
300	274	-.371	.083	-.189	-1.192	300	330	-.325	.046	-.144	-.508	300	402	.283	.160	.778	-.275
300	275	-.303	.072	-.106	-.688	300	331	-.323	.044	-.177	-.530	300	403	.207	.139	.622	-.411
300	276	-.338	.063	-.129	-.630	300	332	-.325	.043	-.193	-.482	300	404	.064	.125	.574	-.353
300	277	-.347	.061	-.187	-.612	300	333	-.336	.049	-.185	-.528	300	405	-.100	.103	.363	-.356
300	278	-.355	.052	-.198	-.574	300	334	-.358	.048	-.180	-.581	300	406	-.190	.095	.221	-.463
300	279	-.359	.058	-.207	-.601	300	335	-.362	.055	-.185	-.606	300	407	.383	.145	.867	-.168
300	280	-.167	.047	.038	-.401	300	336	-.363	.060	-.190	-.668	300	408	.395	.146	.830	-.083
300	281	-.176	.038	-.021	-.342	300	337	-.370	.062	-.195	-.764	300	409	.398	.145	.833	-.122
300	282	-.339	.054	-.175	-.559	300	338	-.361	.050	-.200	-.655	300	410	.307	.159	.840	-.498
300	283	-.338	.055	-.161	-.557	300	339	-.349	.046	-.213	-.543	300	411	.306	.135	.791	-.218
300	284	-.348	.057	-.200	-.569	300	340	-.352	.047	-.193	-.548	300	412	.271	.119	.688	-.095
300	285	-.359	.052	-.198	-.681	300	341	-.357	.050	-.221	-.546	300	413	.192	.112	.601	-.223
300	286	-.360	.060	-.092	-.646	300	342	-.371	.053	-.221	-.660	300	414	.015	.088	.288	-.303
300	287	-.329	.067	-.079	-.639	300	343	-.363	.052	-.195	-.599	300	415	-.086	.071	.203	-.376
300	288	-.361	.069	-.122	-.704	300	344	-.372	.055	-.203	-.687	300	416	-.348	.095	.185	-.706
300	289	-.389	.074	-.129	-.816	300	345	-.373	.059	-.225	-.700	300	417	-.201	.163	.446	-.610
300	290	-.364	.066	-.156	-.779	300	346	-.349	.064	-.144	-.682	300	418	-.137	.155	.512	-.543
300	291	-.343	.069	-.136	-.726	300	347	-.346	.066	-.104	-.637	300	419	.204	.115	.656	-.129
300	292	-.288	.068	-.065	-.639	300	348	-.345	.066	-.146	-.752	300	420	.404	.161	.988	-.053
300	293	-.130	.045	.089	-.427	300	349	-.359	.058	-.181	-.657	300	421	.318	.176	.828	-.349

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	422	.252	.121	.629	-.076	300	472	.117	.080	.426	-.097	300	806	-.029	.022	.037	-.156
300	423	.167	.107	.537	-.131	300	473	.122	.085	.458	-.099	300	807	-.361	.075	-.168	-.665
300	424	-.173	.070	.118	-.413	300	474	.046	.083	.463	-.172	300	901	-.493	.125	-.105	-1.030
300	425	-.389	.072	-.129	-.644	300	475	-.088	.061	.172	-.318	300	902	-.307	.066	-.001	-.611
300	426	-.203	.095	.157	-.518	300	476	-.220	.051	.022	-.478	300	903	-.309	.073	.127	-.581
300	427	.401	.156	.885	-.198	300	477	.126	.105	.682	-.168	300	904	-.475	.104	-.155	-1.001
300	428	.413	.152	.913	-.081	300	478	.196	.112	.830	-.056	300	905	-.327	.074	-.041	-.658
300	429	.443	.155	.904	-.074	300	479	.147	.077	.424	-.086	300	906	-.446	.110	-.085	-.799
300	430	.344	.162	.798	-.237	300	480	.166	.089	.560	-.078	300	907	-.432	.097	-.107	-.766
300	431	.362	.160	.831	-.362	300	481	.199	.095	.613	-.037	300	908	-.410	.080	-.149	-.686
300	432	.311	.136	.740	-.109	300	482	.080	.068	.396	-.071	300	909	.127	.098	.690	-.114
300	433	.217	.111	.781	-.094	300	483	.084	.067	.383	-.097	300	910	.058	.126	.678	-.450
300	434	.070	.094	.413	-.191	300	484	.058	.056	.282	-.107	300	911	-.365	.066	-.187	-.916
300	435	-.044	.089	.271	-.338	300	485	-.110	.050	.097	-.295	300	912	.078	.107	.577	-.209
300	436	-.252	.124	.366	-.615	300	486	-.183	.050	.053	-.396	300	913	-.049	.104	.421	-.556
300	437	-.105	.107	.514	-.363	300	487	.053	.094	.432	-.527	300	914	-.365	.066	-.157	-.637
300	438	-.012	.073	.271	-.288	300	488	.097	.097	.514	-.288	300	915	-.532	.115	-.184	-.993
300	439	.260	.147	.719	-.118	300	489	.097	.103	.683	-.354	300	916	-.448	.087	-.151	-.834
300	440	.424	.152	.874	-.054	300	490	.069	.095	.468	-.503	300	917	.340	.140	.769	-.176
300	441	-.278	.085	.304	-.574	300	491	.004	.079	.323	-.428	300	918	.205	.153	.933	-.292
300	442	-.045	.099	.256	-.357	300	492	-.024	.062	.246	-.337	300	919	-.526	.095	-.244	-.832
300	443	.405	.171	.874	-.413	300	493	-.046	.057	.195	-.337	300	920	-.564	.112	-.160	-.968
300	444	.409	.161	.824	-.045	300	494	-.043	.070	.339	-.360	300	921	-.492	.096	-.169	-.931
300	445	.389	.149	.811	-.079	300	495	-.111	.075	.285	-.404	300	922	-.368	.072	-.137	-.678
300	446	.389	.150	.940	-.077	300	496	-.253	.082	.068	-.631	300	923	-.379	.093	-.056	-.812
300	447	.374	.147	.902	-.071	300	497	.069	.079	.432	-.205	300	924	-.007	.132	.660	-.447
300	448	.324	.133	.757	-.077	300	498	.125	.103	.636	-.169	300	925	-.000	.093	.347	-.309
300	449	.238	.115	.697	-.058	300	499	.126	.116	.815	-.261	300	926	-.012	.089	.369	-.357
300	450	.160	.098	.536	-.163	300	500	.061	.083	.419	-.331	300	927	.374	.149	.878	-.119
300	451	.115	.093	.471	-.140	300	501	.015	.057	.213	-.184	300	928	.388	.163	.852	-.147
300	452	.043	.092	.379	-.221	300	502	-.006	.058	.233	-.197	300	929	.225	.152	.733	-.258
300	453	-.021	.080	.340	-.297	300	503	-.040	.064	.246	-.236	300	930	.210	.116	.592	-.173
300	454	-.122	.064	.205	-.316	300	504	-.044	.060	.249	-.282	300	931	.112	.110	.558	-.246
300	455	.281	.158	.757	-.127	300	505	-.125	.061	.115	-.365	300	932	-.276	.090	.082	-.569
300	456	.312	.140	.818	-.030	300	506	-.253	.070	.040	-.607	300	933	-.176	.105	.353	-.508
300	457	.303	.123	.835	.022	300	507	.053	.061	.404	-.122	300	934	-.173	.052	.062	-.370
300	458	.317	.125	.805	.015	300	508	.133	.087	.521	-.102	300	935	-.045	.095	.354	-.515
300	459	.269	.119	.893	-.056	300	509	.110	.085	.589	-.078	300	936	.102	.109	.661	-.269
300	460	.222	.110	.600	-.056	300	510	.104	.073	.451	-.093	300	937	.182	.116	.632	-.117
300	461	.169	.098	.581	-.066	300	511	.039	.059	.279	-.126	300	938	.204	.119	.862	-.059
300	462	.144	.093	.542	-.116	300	512	.029	.062	.296	-.141	300	939	-.228	.069	.113	-.474
300	463	-.048	.079	.284	-.260	300	513	.065	.081	.479	-.160	300	940	-.264	.099	-.049	-.820
300	464	-.164	.058	.159	-.353	300	514	-.029	.063	.236	-.218	300	941	.058	.088	.589	-.390
300	465	.154	.119	.607	-.140	300	515	-.090	.057	.231	-.267	300	942	.141	.102	.637	-.155
300	466	.207	.123	.714	-.228	300	516	-.181	.065	.142	-.409	300	943	.055	.071	.354	-.233
300	467	.233	.112	.762	-.039	300	801	.091	.100	.558	-.220	300	944	-.085	.055	.176	-.283
300	468	.230	.109	.654	-.030	300	802	-.283	.051	-.138	-.589	300	945	-.022	.071	.391	-.423
300	469	.240	.110	.697	-.008	300	803	.116	.069	.468	-.045	300	946	.065	.080	.381	-.469
300	470	.210	.100	.661	-.019	300	804	.023	.106	.395	-.414	300	947	.056	.074	.451	-.189
300	471	.179	.094	.603	-.047	300	805	.026	.050	.190	-.102	300	948	.001	.066	.308	-.211

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	949	-.206	.061	.054	-.592	310	150	.084	.084	.410	-.241	310	223	-.313	.044	-.192	-.490
310	101	-.028	.072	.217	-.311	310	151	.083	.087	.477	-.295	310	224	-.301	.039	-.181	-.444
310	102	.028	.084	.330	-.229	310	152	.072	.076	.358	-.295	310	225	-.287	.040	-.148	-.442
310	103	.172	.106	.542	-.236	310	153	.067	.082	.413	-.266	310	226	-.281	.043	-.119	-.455
310	104	.074	.126	.527	-.350	310	154	-.247	.052	.056	-.455	310	227	-.280	.043	-.157	-.428
310	105	.155	.118	.607	-.224	310	155	-.156	.057	.107	-.369	310	228	-.298	.059	-.106	-.588
310	106	.193	.118	.568	-.215	310	156	-.144	.064	.196	-.606	310	229	-.284	.050	-.097	-.461
310	107	.002	.072	.270	-.241	310	157	-.115	.067	.215	-.463	310	230	-.305	.047	-.137	-.512
310	108	.160	.097	.499	-.155	310	158	-.101	.076	.363	-.505	310	231	-.333	.048	-.187	-.529
310	109	.232	.110	.580	-.150	310	159	-.097	.089	.245	-.665	310	232	-.321	.044	-.152	-.481
310	110	.195	.104	.547	-.305	310	160	-.114	.090	.107	-.544	310	233	-.305	.045	-.152	-.450
310	111	.179	.128	.606	-.359	310	161	-.154	.048	.072	-.340	310	234	-.296	.049	-.138	-.485
310	112	.116	.159	.514	-.367	310	162	-.128	.063	.156	-.406	310	235	-.295	.048	-.133	-.470
310	113	.374	.141	.884	-.048	310	163	-.147	.051	.082	-.359	310	236	-.344	.068	-.089	-.868
310	114	.304	.133	.709	-.125	310	164	-.138	.053	.114	-.468	310	237	-.328	.070	-.049	-.641
310	115	.427	.141	.845	-.029	310	165	-.136	.046	.109	-.332	310	238	-.335	.064	-.111	-.626
310	116	.248	.106	.580	-.062	310	166	-.104	.051	.117	-.293	310	239	-.348	.058	-.164	-.583
310	117	.243	.126	.648	-.331	310	167	-.101	.052	.141	-.461	310	240	-.351	.054	-.207	-.561
310	118	.331	.139	.726	-.147	310	168	-.070	.047	.092	-.278	310	241	-.347	.054	-.189	-.621
310	119	.261	.186	.795	-.426	310	169	-.156	.086	.131	-.611	310	242	-.329	.050	-.178	-.494
310	120	.396	.135	.807	.018	310	170	-.112	.066	.238	-.315	310	243	-.331	.059	-.156	-.637
310	121	.337	.136	.848	-.207	310	171	-.119	.056	.265	-.258	310	244	-.339	.064	-.135	-.608
310	122	-.024	.058	.229	-.227	310	172	-.106	.049	.213	-.231	310	245	-.363	.063	-.017	-.679
310	123	.137	.086	.494	-.169	310	173	-.092	.052	.215	-.266	310	246	-.355	.073	-.093	-.759
310	124	.257	.102	.612	-.022	310	174	-.071	.046	.154	-.258	310	247	-.389	.072	-.216	-.799
310	125	.248	.108	.622	-.071	310	175	-.066	.045	.129	-.290	310	248	-.405	.071	-.234	-.726
310	126	.273	.117	.719	-.048	310	176	-.122	.073	.094	-.458	310	249	-.381	.071	-.218	-.784
310	127	.281	.140	.736	-.194	310	177	-.151	.094	.113	-.723	310	250	-.381	.062	-.192	-.680
310	128	.348	.136	.879	-.159	310	201	-.262	.068	-.067	-.994	310	251	-.366	.061	-.209	-.822
310	129	.376	.163	.832	-.283	310	202	-.269	.065	-.056	-.621	310	252	-.365	.063	-.064	-.652
310	130	-.086	.048	.086	-.246	310	203	-.282	.069	-.106	-.709	310	253	-.378	.075	-.133	-.735
310	131	.062	.077	.436	-.169	310	204	-.319	.078	-.069	-.874	310	254	-.398	.073	-.205	-.826
310	132	.183	.097	.525	-.087	310	205	-.340	.077	-.093	-.718	310	255	-.366	.072	-.149	-1.111
310	133	.196	.100	.655	-.064	310	206	-.318	.055	-.141	-.510	310	256	-.348	.068	-.144	-.677
310	134	.187	.099	.603	-.189	310	207	-.298	.052	-.127	-.528	310	257	-.362	.063	-.164	-.663
310	135	.228	.115	.613	-.196	310	208	-.302	.049	-.146	-.505	310	258	-.361	.059	-.164	-.637
310	136	.229	.152	.736	-.463	310	209	-.266	.051	-.124	-.718	310	259	-.357	.059	-.182	-.648
310	137	.226	.181	.816	-.371	310	210	-.268	.055	-.087	-.583	310	260	-.346	.068	-.037	-.819
310	138	-.126	.049	.147	-.280	310	211	-.279	.055	-.108	-.582	310	261	-.351	.069	-.091	-.683
310	139	-.011	.071	.302	-.203	310	212	-.308	.056	-.119	-.569	310	262	-.359	.074	-.042	-.830
310	140	.090	.082	.437	-.152	310	213	-.319	.057	-.143	-.503	310	263	-.418	.083	-.191	-.984
310	141	.090	.084	.424	-.182	310	214	-.289	.045	-.157	-.457	310	264	-.396	.078	-.220	-.875
310	142	.083	.087	.457	-.144	310	215	-.284	.043	-.150	-.468	310	265	-.380	.078	-.200	-.725
310	143	.100	.101	.495	-.432	310	216	-.278	.044	-.128	-.453	310	266	-.355	.071	-.140	-.695
310	144	.059	.152	.625	-.760	310	217	-.294	.050	-.106	-.496	310	267	-.348	.066	-.176	-.679
310	145	.045	.160	.530	-.621	310	218	-.303	.048	-.139	-.496	310	268	-.150	.052	.072	-.492
310	146	-.219	.049	.077	-.416	310	219	-.294	.043	-.152	-.492	310	269	-.156	.039	.007	-.363
310	147	-.133	.051	.114	-.295	310	220	-.275	.047	-.115	-.516	310	270	-.339	.063	-.086	-.721
310	148	-.043	.067	.238	-.248	310	221	-.271	.043	-.100	-.455	310	271	-.345	.073	-.093	-.781
310	149	-.036	.064	.205	-.260	310	222	-.291	.042	-.172	-.477	310	272	-.384	.073	-.113	-.855

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	273	-.383	.072	-.171	-.904	310	329	-.296	.055	-.132	-.752	310	401	.078	.156	.377	-.750
310	274	-.374	.075	-.184	-.915	310	330	-.285	.043	-.130	-.482	310	402	.114	.146	.625	-.431
310	275	-.307	.063	-.109	-.659	310	331	-.286	.044	-.132	-.465	310	403	.172	.103	.520	-.207
310	276	-.351	.060	-.160	-.568	310	332	-.282	.044	-.122	-.490	310	404	.057	.103	.440	-.310
310	277	-.356	.062	-.158	-.626	310	333	-.295	.047	-.155	-.482	310	405	-.130	.081	.262	-.376
310	278	-.350	.055	-.200	-.581	310	334	-.308	.049	-.077	-.540	310	406	-.214	.067	.089	-.426
310	279	-.357	.055	-.173	-.623	310	335	-.306	.050	-.144	-.498	310	407	.410	.144	.839	-.020
310	280	-.136	.039	.027	-.251	310	336	-.335	.063	-.174	-.672	310	408	.375	.145	.812	-.260
310	281	-.151	.034	.030	-.255	310	337	-.334	.065	-.154	-.706	310	409	.414	.138	.862	.002
310	282	-.344	.059	-.144	-.629	310	338	-.325	.045	-.155	-.485	310	410	.131	.183	.629	-.542
310	283	-.341	.059	-.173	-.572	310	339	-.333	.046	-.185	-.528	310	411	.199	.127	.611	-.317
310	284	-.343	.057	-.173	-.570	310	340	-.335	.049	-.165	-.533	310	412	.154	.095	.465	-.148
310	285	-.345	.053	-.187	-.570	310	341	-.345	.047	-.208	-.528	310	413	.109	.083	.381	-.150
310	286	-.334	.064	-.057	-.565	310	342	-.358	.050	-.200	-.568	310	414	-.054	.059	.217	-.255
310	287	-.350	.073	-.057	-.752	310	343	-.350	.049	-.127	-.532	310	415	-.150	.044	.007	-.319
310	288	-.373	.067	-.173	-.707	310	344	-.370	.063	-.225	-1.004	310	416	-.349	.062	-.112	-.577
310	289	-.398	.077	-.134	-.775	310	345	-.369	.068	-.193	-.821	310	417	-.330	.072	.018	-.654
310	290	-.362	.067	-.171	-.754	310	346	-.309	.062	-.037	-.620	310	418	-.285	.087	.146	-.599
310	291	-.358	.078	-.084	-.957	310	347	-.311	.058	-.042	-.535	310	419	.291	.131	.832	-.075
310	292	-.319	.079	-.125	-.791	310	348	-.315	.058	-.125	-.578	310	420	.421	.142	.926	-.050
310	293	-.106	.042	.162	-.226	310	349	-.332	.057	-.157	-.563	310	421	.133	.163	.625	-.410
310	294	-.121	.039	.144	-.463	310	350	-.356	.052	-.235	-.598	310	422	.174	.102	.499	-.182
310	301	-.350	.067	-.137	-.625	310	351	-.344	.052	-.205	-.600	310	423	.086	.081	.413	-.175
310	302	-.359	.068	-.154	-.891	310	352	-.347	.054	-.190	-.618	310	424	-.221	.049	-.061	-.401
310	303	-.319	.068	-.071	-.742	310	353	-.346	.056	-.150	-.673	310	425	-.348	.061	-.166	-.620
310	304	-.293	.071	-.010	-.694	310	354	-.475	.142	-.080	-1.135	310	426	-.275	.074	.046	-.574
310	305	-.293	.079	-.062	-.775	310	355	-.553	.167	-.102	-1.975	310	427	.423	.149	.878	-.118
310	306	-.282	.085	-.025	-.767	310	356	-.417	.135	-.082	-1.040	310	428	.433	.146	.880	.032
310	307	-.327	.060	-.122	-.584	310	357	-.341	.076	-.107	-.668	310	429	.453	.142	.878	.023
310	308	-.342	.058	-.144	-.598	310	358	-.370	.069	-.102	-.650	310	430	.191	.164	.654	-.308
310	309	-.319	.078	-.052	-.675	310	359	-.381	.065	-.200	-.633	310	431	.195	.185	.743	-.422
310	310	-.306	.066	-.077	-.556	310	360	-.359	.058	-.197	-.715	310	432	.227	.108	.585	-.079
310	311	-.289	.051	-.099	-.583	310	361	-.414	.084	-.190	-.750	310	433	.143	.087	.502	-.126
310	312	-.274	.055	-.095	-.608	310	362	-.392	.067	-.205	-.665	310	434	-.016	.066	.232	-.222
310	313	-.282	.067	-.103	-.733	310	363	-.517	.149	-.162	-1.525	310	435	-.118	.059	.152	-.289
310	314	-.281	.074	-.059	-.723	310	364	-.348	.109	.048	-.815	310	436	-.321	.073	-.045	-.623
310	315	-.327	.059	-.122	-.540	310	365	-.467	.119	-.137	-1.095	310	437	-.001	.093	.399	-.385
310	316	-.342	.074	-.092	-.618	310	366	-.411	.101	-.072	-.965	310	438	-.030	.066	.230	-.295
310	317	-.273	.047	-.130	-.525	310	367	-.317	.061	-.127	-.543	310	439	.409	.152	.831	-.077
310	318	-.271	.043	-.130	-.477	310	368	-.362	.059	-.182	-.608	310	440	.435	.131	.827	.058
310	319	-.267	.043	-.132	-.422	310	369	-.368	.060	-.180	-.675	310	441	-.314	.058	-.083	-.544
310	320	-.269	.044	-.135	-.563	310	370	-.500	.205	.000	-1.600	310	442	-.091	.096	.245	-.402
310	321	-.317	.067	-.034	-.552	310	371	-.516	.196	-.022	-1.469	310	443	.419	.154	.975	-.503
310	322	-.263	.045	-.097	-.480	310	372	-.150	.091	.265	-.480	310	444	.386	.137	.814	-.053
310	323	-.281	.052	-.122	-.503	310	373	-.188	.090	.228	-.532	310	445	.313	.127	.735	-.205
310	324	-.264	.044	-.127	-.414	310	374	-.353	.134	.361	-1.022	310	446	.302	.127	.669	-.327
310	325	-.266	.040	-.145	-.430	310	375	-.341	.092	.073	-.641	310	447	.286	.121	.789	-.092
310	326	-.275	.043	-.137	-.432	310	376	-.297	.053	-.136	-.522	310	448	.247	.106	.577	-.040
310	327	-.270	.042	-.115	-.479	310	377	-.360	.054	-.208	-.605	310	449	.173	.089	.525	-.079
310	328	-.291	.053	-.164	-.760	310	378	-.372	.060	-.143	-.654	310	450	.071	.073	.311	-.132

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	451	.041	.066	.307	-.167	310	501	-.033	.050	.163	-.239	310	928	.405	.144	.837	-.052
310	452	-.045	.061	.279	-.255	310	502	-.054	.044	.191	-.306	310	929	.101	.121	.513	-.306
310	453	-.078	.055	.140	-.259	310	503	-.098	.048	.212	-.272	310	930	.141	.093	.544	-.133
310	454	-.143	.045	.082	-.325	310	504	-.078	.051	.161	-.298	310	931	.058	.086	.376	-.222
310	455	.320	.160	.896	-.492	310	505	-.144	.050	.058	-.463	310	932	-.310	.063	-.026	-.588
310	456	.315	.138	.799	-.152	310	506	-.280	.071	-.074	-.947	310	933	-.225	.083	.163	-.510
310	457	.253	.118	.712	-.027	310	507	.035	.072	.382	-.190	310	934	-.119	.049	.192	-.266
310	458	.226	.106	.589	-.042	310	508	.093	.074	.426	-.128	310	935	-.057	.100	.443	-.557
310	459	.201	.101	.551	-.053	310	509	.090	.082	.506	-.119	310	936	.142	.094	.578	-.121
310	460	.169	.093	.465	-.090	310	510	.061	.070	.467	-.121	310	937	.180	.110	.706	-.073
310	461	.111	.077	.380	-.113	310	511	-.005	.053	.260	-.147	310	938	.183	.135	.805	-.109
310	462	.096	.072	.392	-.105	310	512	-.031	.049	.204	-.152	310	939	-.214	.060	.024	-.490
310	463	-.087	.052	.125	-.229	310	513	.017	.068	.361	-.229	310	940	-.252	.092	-.010	-.714
310	464	-.178	.044	.045	-.332	310	514	-.082	.051	.200	-.239	310	941	.006	.070	.342	-.220
310	465	.124	.130	.602	-.512	310	515	-.120	.054	.168	-.285	310	942	.085	.098	.540	-.155
310	466	.146	.127	.596	-.458	310	516	-.210	.062	.053	-.499	310	943	.038	.088	.393	-.239
310	467	.162	.112	.559	-.111	310	801	.096	.105	.575	-.422	310	944	-.102	.057	.123	-.333
310	468	.160	.108	.604	-.081	310	802	-.264	.045	-.118	-.530	310	945	-.033	.046	.156	-.408
310	469	.175	.111	.549	-.087	310	803	.099	.085	.477	-.092	310	946	.029	.055	.342	-.232
310	470	.168	.104	.600	-.096	310	804	.079	.087	.445	-.353	310	947	.003	.064	.361	-.150
310	471	.132	.088	.465	-.122	310	805	.082	.050	.271	-.033	310	948	-.033	.066	.231	-.285
310	472	.088	.077	.358	-.126	310	806	-.016	.027	.076	-.087	310	949	-.240	.053	-.022	-.478
310	473	.082	.075	.405	-.132	310	807	-.328	.068	-.133	-.654	320	101	.041	.096	.420	-.309
310	474	.011	.067	.324	-.184	310	901	-.486	.102	-.165	-1.016	320	102	.092	.106	.575	-.285
310	475	-.110	.050	.075	-.308	310	902	-.317	.075	-.016	-.718	320	103	.169	.118	.582	-.227
310	476	-.233	.045	-.076	-.396	310	903	-.252	.084	.221	-.606	320	104	.196	.145	.770	-.222
310	477	.156	.110	.585	-.240	310	904	-.462	.090	-.205	-.911	320	105	.165	.116	.551	-.278
310	478	.194	.125	.657	-.219	310	905	-.283	.076	.001	-.542	320	106	.138	.116	.560	-.239
310	479	.137	.092	.583	-.128	310	906	-.437	.087	-.086	-.770	320	107	.079	.090	.456	-.196
310	480	.151	.094	.536	-.107	310	907	-.350	.074	-.071	-.665	320	108	.237	.113	.616	-.168
310	481	.168	.105	.598	-.097	310	908	-.352	.073	-.100	-.724	320	109	.275	.120	.618	-.126
310	482	.073	.079	.434	-.141	310	909	.154	.108	.735	-.078	320	110	.266	.125	.641	-.142
310	483	.060	.071	.398	-.123	310	910	.135	.130	.689	-.179	320	111	.291	.129	.750	-.204
310	484	.060	.064	.282	-.131	310	911	-.331	.054	-.205	-.663	320	112	.309	.145	.822	-.197
310	485	-.103	.050	.130	-.262	310	912	.067	.110	.590	-.258	320	113	.363	.141	.862	-.106
310	486	-.167	.048	-.017	-.337	310	913	.072	.098	.379	-.300	320	114	.218	.119	.678	-.178
310	487	-.026	.060	.291	-.282	310	914	-.324	.061	-.054	-.530	320	115	.360	.139	.821	-.049
310	488	.003	.064	.583	-.220	310	915	-.482	.099	-.183	-.963	320	116	.344	.131	.750	-.069
310	489	.016	.063	.385	-.225	310	916	-.391	.089	-.086	-.768	320	117	.376	.142	.780	-.140
310	490	.013	.053	.301	-.258	310	917	.373	.136	.804	-.012	320	118	.391	.142	.870	-.062
310	491	-.016	.044	.207	-.311	310	918	.314	.143	.752	-.194	320	119	.416	.161	.908	-.212
310	492	-.042	.042	.163	-.321	310	919	-.465	.084	-.216	-.772	320	120	.287	.134	.802	-.135
310	493	-.081	.046	.132	-.414	310	920	-.491	.099	-.178	-.871	320	121	.231	.107	.654	-.075
310	494	-.085	.052	.189	-.368	310	921	-.426	.086	-.108	-.724	320	122	.017	.078	.290	-.290
310	495	-.156	.061	.207	-.447	310	922	-.335	.057	-.167	-.629	320	123	.175	.105	.558	-.143
310	496	-.276	.072	.034	-.731	310	923	-.355	.073	-.094	-.677	320	124	.282	.123	.688	-.068
310	497	.012	.074	.349	-.295	310	924	-.102	.096	.255	-.407	320	125	.276	.124	.676	-.050
310	498	.051	.090	.423	-.259	310	925	-.012	.080	.262	-.275	320	126	.313	.135	.754	-.029
310	499	.070	.108	.583	-.271	310	926	-.028	.083	.306	-.328	320	127	.388	.150	.835	-.026
310	500	.013	.074	.400	-.321	310	927	.388	.133	.823	-.026	320	128	.409	.158	.917	-.033

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	129	.398	.152	.884	-.036	320	202	-.259	.081	-.064	-.851	320	252	-.335	.078	-.063	-.964
320	130	-.064	.058	.215	-.244	320	203	-.307	.095	-.027	-.827	320	253	-.345	.079	-.123	-.917
320	131	.093	.089	.423	-.174	320	204	-.327	.091	-.022	-.794	320	254	-.366	.094	-.177	-1.154
320	132	.217	.105	.601	-.053	320	205	-.337	.089	-.066	-.937	320	255	-.332	.070	-.135	-.629
320	133	.221	.108	.575	-.173	320	206	-.320	.068	-.079	-.728	320	256	-.322	.063	-.123	-.608
320	134	.254	.124	.780	-.064	320	207	-.314	.058	-.128	-.598	320	257	-.325	.061	-.123	-.599
320	135	.301	.139	.806	-.062	320	208	-.293	.053	-.099	-.537	320	258	-.320	.060	-.032	-.624
320	136	.327	.146	.823	-.055	320	209	-.287	.082	-.110	-.766	320	259	-.317	.059	-.130	-.535
320	137	.337	.148	.790	-.083	320	210	-.286	.075	-.088	-.787	320	260	-.326	.074	-.070	-.834
320	138	-.093	.054	.092	-.384	320	211	-.289	.068	-.055	-.678	320	261	-.338	.077	-.056	-.646
320	139	.027	.073	.402	-.210	320	212	-.314	.072	-.060	-.711	320	262	-.337	.072	-.126	-.655
320	140	.124	.091	.495	-.147	320	213	-.311	.062	-.112	-.653	320	263	-.368	.087	-.148	-.789
320	141	.137	.088	.482	-.114	320	214	-.287	.056	-.108	-.590	320	264	-.378	.092	-.161	-1.143
320	142	.151	.102	.496	-.185	320	215	-.287	.048	-.134	-.484	320	265	-.352	.077	-.101	-.762
320	143	.183	.109	.766	-.078	320	216	-.283	.053	-.097	-.543	320	266	-.339	.078	-.166	-1.020
320	144	.208	.128	.674	-.076	320	217	-.299	.065	-.104	-.741	320	267	-.339	.080	-.144	-.823
320	145	.202	.125	.742	-.156	320	218	-.305	.059	-.099	-.625	320	268	-.120	.054	.084	-.401
320	146	-.175	.054	.065	-.366	320	219	-.286	.052	-.086	-.519	320	269	-.106	.048	.089	-.309
320	147	-.085	.061	.219	-.249	320	220	-.301	.078	-.108	-.642	320	270	-.320	.078	-.063	-.678
320	148	.011	.060	.241	-.306	320	221	-.290	.062	-.106	-.554	320	271	-.314	.073	-.117	-.687
320	149	.010	.059	.269	-.133	320	222	-.298	.049	-.150	-.480	320	272	-.340	.081	-.123	-.879
320	150	.075	.078	.447	-.182	320	223	-.309	.052	-.148	-.596	320	273	-.368	.090	-.177	-1.091
320	151	.066	.076	.430	-.242	320	224	-.300	.052	-.139	-.510	320	274	-.348	.097	-.130	-1.261
320	152	.055	.081	.492	-.153	320	225	-.285	.052	-.110	-.557	320	275	-.287	.073	-.106	-.707
320	153	.052	.088	.717	-.195	320	226	-.274	.049	-.110	-.513	320	276	-.315	.057	-.099	-.584
320	154	-.193	.051	.028	-.420	320	227	-.277	.048	-.101	-.480	320	277	-.309	.056	-.166	-.548
320	155	-.114	.062	.199	-.354	320	228	-.276	.064	-.075	-.752	320	278	-.313	.055	-.079	-.517
320	156	-.106	.085	.286	-.587	320	229	-.281	.062	-.064	-.669	320	279	-.313	.055	-.076	-.575
320	157	-.043	.104	.388	-.415	320	230	-.299	.047	-.143	-.493	320	280	-.079	.047	.109	-.227
320	158	-.032	.082	.390	-.505	320	231	-.311	.051	-.156	-.515	320	281	-.094	.041	.082	-.227
320	159	-.080	.094	.336	-.547	320	232	-.309	.058	-.139	-.607	320	282	-.316	.054	-.163	-.499
320	160	-.116	.115	.261	-.730	320	233	-.292	.057	-.097	-.697	320	283	-.317	.055	-.083	-.554
320	161	-.097	.047	.110	-.257	320	234	-.282	.055	-.083	-.544	320	284	-.314	.053	-.112	-.519
320	162	-.069	.060	.152	-.339	320	235	-.276	.055	-.119	-.573	320	285	-.312	.055	-.069	-.565
320	163	-.117	.054	.080	-.299	320	236	-.311	.082	-.050	-.877	320	286	-.305	.073	-.067	-.654
320	164	-.091	.055	.184	-.272	320	237	-.310	.074	-.076	-.854	320	287	-.302	.069	-.080	-.661
320	165	-.087	.044	.142	-.222	320	238	-.321	.063	-.103	-.593	320	288	-.321	.071	-.078	-.663
320	166	-.048	.049	.227	-.187	320	239	-.333	.061	-.152	-.613	320	289	-.347	.085	-.126	-.789
320	167	-.046	.050	.204	-.180	320	240	-.335	.066	-.130	-.653	320	290	-.334	.081	-.128	-.920
320	168	-.045	.061	.298	-.314	320	241	-.309	.062	-.130	-.705	320	291	-.343	.089	-.124	-.871
320	169	-.135	.090	.192	-.636	320	242	-.305	.057	-.148	-.673	320	292	-.315	.086	-.101	-.755
320	170	-.042	.078	.368	-.230	320	243	-.305	.058	-.123	-.642	320	293	-.059	.048	.162	-.211
320	171	-.054	.063	.306	-.259	320	244	-.332	.074	-.033	-.701	320	294	-.083	.045	.114	-.295
320	172	-.038	.057	.291	-.182	320	245	-.333	.081	-.076	-.781	320	301	-.299	.068	-.078	-.649
320	173	-.016	.058	.365	-.168	320	246	-.341	.078	-.023	-.713	320	302	-.302	.065	-.107	-.783
320	174	-.023	.052	.261	-.205	320	247	-.351	.074	-.144	-.787	320	303	-.269	.066	-.031	-.612
320	175	-.040	.060	.199	-.366	320	248	-.349	.076	-.177	-.812	320	304	-.262	.075	-.017	-.742
320	176	-.098	.081	.333	-.485	320	249	-.364	.085	-.139	-.897	320	305	-.256	.081	-.000	-.857
320	177	-.126	.099	.113	-.706	320	250	-.339	.071	-.159	-.681	320	306	-.264	.094	.013	-.891
320	201	-.273	.095	-.051	-1.023	320	251	-.337	.069	-.168	-.792	320	307	-.284	.055	-.112	-.499

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	308	-.284	.055	-.107	-.499	320	358	-.340	.065	-.126	-.659	320	430	-.104	.131	.347	-.567
320	309	-.261	.055	-.103	-.535	320	359	-.343	.067	-.151	-.608	320	431	-.076	.156	.399	-.638
320	310	-.266	.054	-.001	-.468	320	360	-.327	.059	-.151	-.563	320	432	.093	.086	.341	-.160
320	311	-.258	.052	-.059	-.602	320	361	-.353	.070	-.113	-.644	320	433	.037	.071	.334	-.162
320	312	-.245	.059	-.071	-.482	320	362	-.345	.064	-.098	-.603	320	434	-.097	.048	.128	-.276
320	313	-.243	.063	-.080	-.661	320	363	-.388	.092	-.191	-.940	320	435	-.183	.042	-.029	-.331
320	314	-.258	.071	-.078	-.749	320	364	-.284	.082	.002	-.689	320	436	-.317	.059	-.157	-.561
320	315	-.305	.057	-.142	-.614	320	365	-.407	.102	-.134	-.847	320	437	-.138	.084	.223	-.379
320	316	-.317	.062	-.098	-.626	320	366	-.372	.089	-.093	-.857	320	438	-.115	.066	.156	-.336
320	317	-.252	.056	-.093	-.493	320	367	-.308	.061	-.086	-.535	320	439	.308	.165	.882	-.314
320	318	-.270	.063	-.117	-.607	320	368	-.330	.053	-.159	-.525	320	440	.381	.136	.814	-.041
320	319	-.256	.053	-.115	-.494	320	369	-.330	.058	-.086	-.628	320	441	-.305	.059	-.097	-.636
320	320	-.242	.044	-.112	-.433	320	370	-.399	.163	-.068	-1.334	320	442	-.146	.080	.163	-.368
320	321	-.323	.062	-.144	-.575	320	371	-.419	.138	-.116	-1.136	320	443	.227	.215	.833	-1.105
320	322	-.229	.043	-.107	-.408	320	372	-.166	.074	.083	-.485	320	444	.308	.133	.747	-.321
320	323	-.233	.043	-.102	-.466	320	373	-.205	.077	.075	-.465	320	445	.168	.117	.573	-.364
320	324	-.239	.043	-.112	-.395	320	374	-.363	.104	.064	-.791	320	446	.129	.113	.493	-.377
320	325	-.239	.040	-.115	-.443	320	375	-.338	.073	-.006	-.607	320	447	.143	.102	.453	-.273
320	326	-.241	.039	-.138	-.423	320	376	-.290	.051	-.091	-.459	320	448	.105	.078	.362	-.097
320	327	-.238	.041	-.129	-.382	320	377	-.312	.053	-.150	-.545	320	449	.062	.069	.382	-.119
320	328	-.253	.045	-.137	-.504	320	378	-.316	.057	-.137	-.605	320	450	-.024	.051	.208	-.164
320	329	-.260	.050	-.085	-.612	320	401	-.223	.191	.292	-1.000	320	451	-.039	.051	.160	-.194
320	330	-.232	.041	-.087	-.387	320	402	-.122	.122	.258	-.732	320	452	-.114	.049	.092	-.273
320	331	-.230	.037	-.072	-.410	320	403	.058	.086	.395	-.238	320	453	-.125	.043	.027	-.284
320	332	-.243	.041	-.110	-.400	320	404	.014	.074	.258	-.323	320	454	-.164	.037	-.046	-.308
320	333	-.249	.038	-.140	-.435	320	405	-.129	.062	.109	-.362	320	455	.118	.180	.655	-.447
320	334	-.255	.038	-.117	-.443	320	406	-.192	.055	.023	-.405	320	456	.140	.167	.655	-.460
320	335	-.249	.042	-.071	-.475	320	407	.353	.149	.823	-.103	320	457	.113	.082	.433	-.166
320	336	-.261	.050	-.107	-.538	320	408	.350	.141	.793	-.121	320	458	.106	.077	.453	-.112
320	337	-.271	.055	-.117	-.656	320	409	.376	.144	.850	-.147	320	459	.083	.071	.356	-.110
320	338	-.274	.045	-.049	-.430	320	410	-.177	.179	.462	-.814	320	460	.047	.063	.311	-.147
320	339	-.276	.043	-.127	-.438	320	411	-.092	.149	.471	-.782	320	461	.001	.054	.214	-.168
320	340	-.283	.042	-.160	-.544	320	412	.047	.077	.336	-.163	320	462	.000	.054	.289	-.166
320	341	-.289	.042	-.158	-.451	320	413	.028	.064	.279	-.179	320	463	-.132	.040	.087	-.258
320	342	-.295	.046	-.107	-.509	320	414	-.111	.045	.057	-.293	320	464	-.190	.037	-.061	-.377
320	343	-.292	.050	-.139	-.680	320	415	-.177	.037	-.035	-.323	320	465	-.012	.161	.502	-.722
320	344	-.312	.055	-.137	-.595	320	416	-.298	.057	-.112	-.535	320	466	.035	.133	.517	-.641
320	345	-.318	.068	-.112	-.820	320	417	-.306	.062	-.085	-.593	320	467	.034	.065	.309	-.175
320	346	-.262	.052	-.123	-.475	320	418	-.305	.060	-.087	-.611	320	468	.043	.069	.416	-.153
320	347	-.269	.052	-.111	-.535	320	419	.356	.144	.791	-.211	320	469	.037	.065	.405	-.136
320	348	-.275	.050	-.123	-.465	320	420	.356	.135	.775	-.064	320	470	.022	.059	.296	-.147
320	349	-.288	.051	-.123	-.548	320	421	-.137	.160	.414	-.773	320	471	-.006	.051	.216	-.151
320	350	-.320	.049	-.189	-.478	320	422	.083	.090	.386	-.243	320	472	-.037	.048	.158	-.157
320	351	-.312	.053	-.154	-.558	320	423	.013	.069	.267	-.174	320	473	-.022	.054	.203	-.205
320	352	-.312	.052	-.108	-.548	320	424	-.232	.045	-.096	-.419	320	474	-.104	.045	.118	-.239
320	353	-.320	.058	-.083	-.676	320	425	-.308	.058	-.137	-.556	320	475	-.157	.040	.079	-.331
320	354	-.418	.114	-.144	-.932	320	426	-.282	.060	-.069	-.590	320	476	-.244	.037	-.096	-.375
320	355	-.529	.210	-.058	-2.055	320	427	.343	.177	.855	-.364	320	477	.033	.096	.530	-.542
320	356	-.408	.127	-.046	-1.209	320	428	.345	.135	.759	-.121	320	478	.048	.093	.485	-.355
320	357	-.313	.070	-.118	-.623	320	429	.353	.140	.768	-.085	320	479	.038	.071	.374	-.176

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	480	.030	.065	.297	-.248	320	907	-.321	.071	-.119	-.598	330	108	.332	.138	.784	-.136
320	481	.058	.081	.485	-.158	320	908	-.303	.070	-.090	-.574	330	109	.311	.146	.729	-.191
320	482	-.045	.055	.175	-.199	320	909	.142	.091	.631	-.108	330	110	.310	.144	.779	-.201
320	483	-.039	.050	.162	-.158	320	910	.243	.129	.740	-.048	330	111	.335	.154	.732	-.192
320	484	-.045	.051	.206	-.202	320	911	-.296	.048	-.157	-.508	330	112	.334	.150	.796	-.086
320	485	-.157	.041	.018	-.282	320	912	-.057	.083	.335	-.266	330	113	.317	.142	.799	-.268
320	486	-.198	.040	-.052	-.380	320	913	.124	.104	.504	-.268	330	114	.118	.109	.530	-.249
320	487	-.042	.066	.221	-.336	320	914	-.273	.059	-.044	-.534	330	115	.233	.144	.702	-.275
320	488	-.032	.058	.219	-.249	320	915	-.452	.101	-.165	-.876	330	116	.352	.148	.865	-.241
320	489	-.043	.056	.248	-.285	320	916	-.348	.087	-.049	-.724	330	117	.403	.161	.884	-.068
320	490	-.046	.042	.272	-.203	320	917	.323	.137	.740	-.270	330	118	.400	.177	.907	-.128
320	491	-.062	.034	.161	-.179	320	918	.352	.149	.804	-.130	330	119	.382	.183	.997	-.155
320	492	-.076	.033	.124	-.256	320	919	-.448	.083	-.148	-.850	330	120	.204	.125	.647	-.280
320	493	-.107	.034	.046	-.246	320	920	-.431	.102	-.079	-.825	330	121	.113	.117	.499	-.464
320	494	-.107	.035	.093	-.274	320	921	-.386	.081	-.128	-.757	330	122	.085	.119	.455	-.353
320	495	-.157	.040	.131	-.643	320	922	-.295	.056	-.127	-.486	330	123	.217	.145	.683	-.186
320	496	-.243	.051	.018	-.504	320	923	-.316	.067	-.102	-.610	330	124	.313	.147	.782	-.091
320	497	.019	.073	.294	-.352	320	924	-.206	.088	.135	-.556	330	125	.311	.152	.782	-.125
320	498	.059	.088	.483	-.235	320	925	-.040	.069	.188	-.314	330	126	.345	.167	.893	-.064
320	499	.056	.100	.670	-.268	320	926	-.047	.072	.205	-.317	330	127	.379	.173	.895	-.066
320	500	-.008	.069	.439	-.210	320	927	.277	.124	.643	-.156	330	128	.366	.184	.952	-.211
320	501	-.065	.045	.134	-.248	320	928	.362	.149	.835	-.220	330	129	.350	.184	.863	-.205
320	502	-.084	.037	.077	-.212	320	929	-.090	.102	.326	-.563	330	130	-.053	.098	.325	-.396
320	503	-.128	.037	.036	-.261	320	930	.054	.080	.406	-.162	330	131	.071	.110	.559	-.379
320	504	-.100	.038	.118	-.344	320	931	-.003	.069	.297	-.247	330	132	.164	.116	.603	-.130
320	505	-.144	.043	.049	-.465	320	932	-.312	.057	-.112	-.554	330	133	.169	.112	.630	-.135
320	506	-.243	.052	-.042	-.551	320	933	-.234	.082	.158	-.514	330	134	.193	.118	.659	-.194
320	507	.068	.074	.421	-.403	320	934	-.054	.054	.277	-.227	330	135	.205	.130	.732	-.118
320	508	.128	.093	.660	-.103	320	935	-.025	.104	.352	-.460	330	136	.212	.140	.824	-.163
320	509	.086	.090	.515	-.149	320	936	.079	.075	.471	-.099	330	137	.168	.149	.815	-.237
320	510	.059	.076	.406	-.140	320	937	.055	.074	.423	-.096	330	138	-.114	.081	.332	-.481
320	511	-.028	.052	.204	-.159	320	938	.005	.085	.461	-.193	330	139	-.014	.078	.415	-.418
320	512	-.055	.041	.105	-.222	320	939	-.205	.045	-.004	-.382	330	140	.078	.080	.434	-.129
320	513	.013	.071	.345	-.174	320	940	-.246	.072	-.057	-.627	330	141	.074	.074	.502	-.154
320	514	-.114	.039	.088	-.280	320	941	-.053	.058	.178	-.399	330	142	.097	.076	.460	-.168
320	515	-.129	.039	.108	-.280	320	942	-.041	.058	.379	-.242	330	143	.116	.091	.540	-.208
320	516	-.200	.051	.059	-.397	320	943	-.067	.049	.190	-.288	330	144	.123	.105	.595	-.170
320	801	-.013	.096	.423	-.450	320	944	-.143	.041	.052	-.309	330	145	.101	.125	.765	-.230
320	802	-.270	.045	-.111	-.424	320	945	-.124	.101	.134	-.696	330	146	-.167	.073	.149	-.488
320	803	-.001	.053	.242	-.124	320	946	-.045	.039	.115	-.275	330	147	-.078	.068	.259	-.368
320	804	-.007	.067	.437	-.226	320	947	-.058	.036	.171	-.183	330	148	-.003	.055	.264	-.232
320	805	.039	.047	.180	-.080	320	948	-.097	.035	.083	-.319	330	149	-.001	.048	.221	-.146
320	806	-.059	.023	.018	-.122	320	949	-.239	.040	-.114	-.395	330	150	.045	.062	.350	-.131
320	807	-.251	.052	-.097	-.444	330	101	.119	.114	.564	-.425	330	151	.049	.069	.381	-.172
320	901	-.463	.097	-.115	-1.040	330	102	.132	.121	.571	-.341	330	152	.047	.081	.400	-.277
320	902	-.313	.090	-.005	-.726	330	103	.168	.124	.593	-.328	330	153	.028	.087	.453	-.251
320	903	-.183	.089	.198	-.484	330	104	.181	.148	.634	-.399	330	154	-.177	.070	.086	-.584
320	904	-.461	.084	-.200	-.799	330	105	.178	.121	.525	-.338	330	155	-.064	.057	.199	-.375
320	905	-.218	.085	.134	-.528	330	106	.103	.107	.506	-.338	330	156	-.043	.075	.240	-.390
320	906	-.438	.086	-.163	-.944	330	107	.167	.117	.649	-.345	330	157	.009	.073	.329	-.407

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	158	-.001	.067	.357	-.294	330	231	-.322	.076	-.096	-.699	330	281	-.068	.044	.138	-.239
330	159	-.043	.087	.458	-.416	330	232	-.330	.104	-.025	-.945	330	282	-.251	.051	-.119	-.458
330	160	-.067	.103	.513	-.737	330	233	-.331	.115	-.058	-1.071	330	283	-.259	.055	-.071	-.534
330	161	-.064	.050	.171	-.249	330	234	-.315	.101	-.083	-1.055	330	284	-.257	.060	-.009	-.552
330	162	-.028	.043	.202	-.273	330	235	-.319	.106	-.051	-.987	330	285	-.221	.060	.009	-.416
330	163	-.115	.055	.192	-.368	330	236	-.292	.094	-.056	-.773	330	286	-.260	.089	-.050	-.842
330	164	-.071	.055	.211	-.325	330	237	-.291	.079	-.069	-.692	330	287	-.263	.083	-.078	-.757
330	165	-.056	.046	.130	-.232	330	238	-.312	.073	-.119	-.688	330	288	-.266	.081	-.071	-.725
330	166	-.012	.043	.192	-.162	330	239	-.330	.088	-.101	-.868	330	289	-.308	.096	-.122	-.881
330	167	-.011	.046	.228	-.172	330	240	-.346	.112	.028	-1.064	330	290	-.286	.089	-.009	-.904
330	168	-.003	.057	.317	-.282	330	241	-.369	.135	-.051	-1.194	330	291	-.319	.105	-.039	-1.012
330	169	-.060	.088	.235	-.507	330	242	-.352	.127	-.060	-1.145	330	292	-.330	.121	-.030	-1.044
330	170	-.050	.075	.410	-.301	330	243	-.355	.115	-.096	-1.039	330	293	-.033	.051	.258	-.186
330	171	-.043	.060	.293	-.215	330	244	-.308	.109	-.027	-.935	330	294	-.051	.045	.134	-.244
330	172	-.030	.044	.214	-.179	330	245	-.303	.094	-.056	-1.156	330	301	-.256	.061	-.066	-.541
330	173	-.005	.046	.257	-.143	330	246	-.317	.089	-.114	-.701	330	302	-.266	.061	-.080	-.565
330	174	-.002	.046	.278	-.153	330	247	-.331	.104	-.040	-.895	330	303	-.244	.067	-.021	-.556
330	175	-.006	.052	.228	-.205	330	248	-.353	.118	-.065	-.947	330	304	-.225	.076	.008	-.663
330	176	-.046	.089	.436	-.639	330	249	-.364	.118	-.076	-.949	330	305	-.228	.089	.029	-.780
330	177	-.063	.104	.187	-.653	330	250	-.370	.111	-.116	-.979	330	306	-.245	.095	.025	-.842
330	201	-.313	.136	-.034	-1.173	330	251	-.362	.118	-.098	-1.381	330	307	-.256	.056	-.110	-.472
330	202	-.300	.123	-.045	-1.197	330	252	-.313	.135	-.026	-1.104	330	308	-.269	.056	-.115	-.487
330	203	-.293	.107	.137	-.805	330	253	-.314	.089	-.071	-.737	330	309	-.237	.057	-.073	-.534
330	204	-.329	.120	.028	-.838	330	254	-.356	.119	-.029	-1.408	330	310	-.238	.055	-.066	-.481
330	205	-.358	.126	-.000	-1.016	330	255	-.356	.107	-.107	-.960	330	311	-.235	.054	-.063	-.422
330	206	-.352	.098	-.063	-.883	330	256	-.266	.060	-.031	-.578	330	312	-.218	.056	-.024	-.440
330	207	-.328	.083	-.112	-1.139	330	257	-.267	.062	-.056	-.512	330	313	-.222	.063	-.016	-.573
330	208	-.324	.072	-.127	-.849	330	258	-.277	.071	-.035	-.614	330	314	-.231	.057	-.056	-.774
330	209	-.325	.118	-.078	-1.069	330	259	-.223	.058	.012	-.465	330	315	-.285	.060	-.095	-.502
330	210	-.304	.107	-.022	-.811	330	260	-.301	.117	-.060	-1.278	330	316	-.291	.039	-.192	-.544
330	211	-.291	.091	.017	-.690	330	261	-.298	.099	-.060	-.864	330	317	-.246	.064	-.085	-.627
330	212	-.320	.097	.013	-.801	330	262	-.297	.081	-.085	-.683	330	318	-.254	.062	-.096	-.496
330	213	-.336	.098	-.014	-.918	330	263	-.318	.094	-.105	-1.017	330	319	-.239	.051	-.091	-.498
330	214	-.321	.089	-.063	-.982	330	264	-.347	.119	-.035	-1.129	330	320	-.221	.045	-.096	-.455
330	215	-.313	.075	-.127	-.809	330	265	-.372	.128	-.107	-1.081	330	321	-.301	.063	-.102	-.531
330	216	-.298	.070	-.094	-.854	330	266	-.347	.106	-.078	-.850	330	322	-.207	.045	-.071	-.410
330	217	-.294	.084	-.018	-.672	330	267	-.339	.105	-.105	-.972	330	323	-.210	.047	-.051	-.476
330	218	-.312	.086	-.016	-.823	330	268	-.082	.062	.183	-.346	330	324	-.210	.044	-.086	-.428
330	219	-.289	.069	-.027	-.663	330	269	-.087	.051	.127	-.524	330	325	-.215	.040	-.094	-.410
330	220	-.315	.100	-.087	-.982	330	270	-.268	.096	.001	-.843	330	326	-.222	.040	-.096	-.400
330	221	-.299	.084	-.120	-.736	330	271	-.272	.081	-.080	-.692	330	327	-.221	.041	-.041	-.396
330	222	-.304	.065	-.085	-.679	330	272	-.292	.084	-.103	-.715	330	328	-.239	.047	-.110	-.467
330	223	-.310	.071	-.063	-.614	330	273	-.310	.099	-.069	-.999	330	329	-.246	.055	-.095	-.595
330	224	-.315	.091	-.009	-.860	330	274	-.350	.123	-.047	-1.170	330	330	-.207	.038	-.086	-.354
330	225	-.300	.085	-.038	-.863	330	275	-.303	.104	-.069	-.859	330	331	-.214	.041	-.111	-.395
330	226	-.289	.078	-.094	-1.055	330	276	-.261	.058	-.060	-.501	330	332	-.216	.040	-.096	-.433
330	227	-.278	.075	-.060	-.763	330	277	-.263	.061	-.065	-.645	330	333	-.220	.040	-.116	-.435
330	228	-.317	.087	-.114	-.812	330	278	-.263	.067	-.047	-.555	330	334	-.224	.038	-.101	-.428
330	229	-.304	.072	-.118	-.601	330	279	-.212	.064	.034	-.479	330	335	-.221	.040	-.100	-.384
330	230	-.307	.061	-.114	-.539	330	280	-.057	.048	.173	-.301	330	336	-.236	.046	-.073	-.470

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	337	-.251	.052	-.090	-.497	330	409	.331	.155	.849	-.260	330	459	-.001	.066	.250	-.268
330	338	-.221	.048	-.081	-.395	330	410	-.436	.162	.131	-.964	330	460	-.024	.050	.178	-.168
330	339	-.226	.047	-.081	-.433	330	411	-.258	.187	.216	-.906	330	461	-.058	.043	.122	-.200
330	340	-.234	.050	-.104	-.415	330	412	-.053	.060	.219	-.333	330	462	-.055	.043	.139	-.192
330	341	-.240	.051	-.101	-.473	330	413	-.051	.050	.189	-.218	330	463	-.150	.033	-.017	-.270
330	342	-.242	.055	-.099	-.531	330	414	-.147	.037	.009	-.297	330	464	-.183	.036	-.079	-.332
330	343	-.227	.050	-.051	-.472	330	415	-.193	.036	-.071	-.322	330	465	-.103	.152	.468	-.694
330	344	-.240	.054	-.051	-.529	330	416	-.262	.055	-.099	-.472	330	466	-.064	.161	.446	-.808
330	345	-.246	.058	-.061	-.563	330	417	-.261	.054	-.101	-.513	330	467	-.030	.080	.258	-.438
330	346	-.253	.057	-.087	-.491	330	418	-.275	.059	-.096	-.508	330	468	-.011	.079	.310	-.529
330	347	-.248	.055	-.063	-.605	330	419	.245	.165	.785	-.283	330	469	-.028	.068	.245	-.400
330	348	-.267	.062	-.133	-.736	330	420	.297	.163	.803	-.391	330	470	-.037	.055	.169	-.326
330	349	-.294	.074	-.116	-.792	330	421	-.376	.189	.272	-1.258	330	471	-.066	.041	.098	-.213
330	350	-.282	.072	.010	-.767	330	422	-.034	.077	.242	-.278	330	472	-.081	.037	.072	-.190
330	351	-.225	.059	.027	-.498	330	423	-.060	.052	.159	-.269	330	473	-.077	.038	.089	-.187
330	352	-.214	.061	.034	-.517	330	424	-.230	.044	-.096	-.384	330	474	-.142	.035	.074	-.272
330	353	-.220	.067	-.017	-.578	330	425	-.265	.055	-.092	-.469	330	475	-.167	.034	-.049	-.285
330	354	-.271	.089	-.080	-.765	330	426	-.274	.059	-.092	-.536	330	476	-.217	.042	-.096	-.422
330	355	-.318	.131	-.092	-1.154	330	427	.154	.181	.771	-.524	330	477	-.041	.115	.407	-.531
330	356	-.238	.073	-.031	-.699	330	428	.209	.171	.679	-.419	330	478	-.026	.109	.398	-.658
330	357	-.205	.056	-.056	-.595	330	429	.290	.173	.734	-.520	330	479	-.024	.058	.249	-.294
330	358	-.212	.057	.003	-.447	330	430	-.302	.138	.157	-.998	330	480	-.028	.058	.233	-.239
330	359	-.220	.056	.037	-.447	330	431	-.286	.139	.197	-.735	330	481	-.003	.068	.297	-.249
330	360	-.218	.062	-.005	-.510	330	432	-.023	.072	.239	-.265	330	482	-.106	.038	.054	-.256
330	361	-.208	.059	-.029	-.457	330	433	-.038	.055	.161	-.283	330	483	-.089	.038	.079	-.211
330	362	-.211	.054	-.014	-.568	330	434	-.146	.035	.035	-.270	330	484	-.101	.036	.082	-.221
330	363	-.280	.083	-.092	-.794	330	435	-.208	.038	-.084	-.332	330	485	-.181	.036	-.008	-.344
330	364	-.210	.056	-.063	-.491	330	436	-.293	.057	-.138	-.547	330	486	-.208	.037	-.081	-.384
330	365	-.215	.072	-.048	-.610	330	437	-.217	.060	.033	-.410	330	487	-.041	.072	.208	-.581
330	366	-.209	.066	-.007	-.559	330	438	-.190	.048	-.017	-.387	330	488	-.046	.056	.192	-.562
330	367	-.211	.050	-.027	-.488	330	439	.164	.161	.738	-.376	330	489	-.074	.052	.180	-.386
330	368	-.224	.058	.017	-.481	330	440	.280	.157	.784	-.400	330	490	-.092	.036	.074	-.259
330	369	-.220	.068	.088	-.646	330	441	-.289	.057	-.133	-.540	330	491	-.108	.033	.025	-.358
330	370	-.276	.089	-.073	-.848	330	442	-.188	.056	.044	-.374	330	492	-.123	.031	.002	-.331
330	371	-.268	.081	-.104	-.879	330	443	-.214	.317	.571	-1.433	330	493	-.134	.029	.017	-.319
330	372	-.164	.050	.100	-.398	330	444	.105	.175	.570	-.637	330	494	-.126	.032	.004	-.429
330	373	-.169	.047	-.024	-.376	330	445	.019	.150	.446	-.666	330	495	-.148	.038	.029	-.482
330	374	-.188	.064	-.001	-.634	330	446	-.008	.122	.338	-.737	330	496	-.192	.043	-.049	-.447
330	375	-.193	.056	.019	-.437	330	447	-.017	.113	.319	-.531	330	497	.017	.067	.347	-.309
330	376	-.198	.044	.002	-.349	330	448	.003	.071	.267	-.330	330	498	.028	.078	.332	-.241
330	377	-.222	.056	.017	-.449	330	449	-.021	.053	.159	-.198	330	499	-.008	.076	.372	-.240
330	378	-.221	.060	-.006	-.517	330	450	-.087	.038	.066	-.211	330	500	-.059	.050	.162	-.271
330	401	-.466	.171	.131	-1.109	330	451	-.092	.037	.035	-.233	330	501	-.106	.039	.052	-.361
330	402	-.301	.117	.097	-.791	330	452	-.163	.036	-.001	-.283	330	502	-.121	.036	.054	-.294
330	403	-.067	.095	.283	-.419	330	453	-.157	.036	-.010	-.302	330	503	-.139	.034	.012	-.294
330	404	-.045	.052	.150	-.274	330	454	-.174	.033	-.071	-.315	330	504	-.118	.035	.064	-.369
330	405	-.140	.047	.058	-.347	330	455	-.087	.197	.611	-.744	330	505	-.139	.035	.007	-.349
330	406	-.189	.044	-.055	-.384	330	456	-.042	.208	.503	-1.135	330	506	-.186	.043	-.054	-.517
330	407	.217	.161	.760	-.432	330	457	.027	.096	.325	-.467	330	507	.047	.079	.447	-.902
330	408	.241	.159	.720	-.363	330	458	.019	.080	.312	-.542	330	508	.073	.083	.532	-.259

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	509	-.019	.079	.431	-.210	330	936	.029	.057	.450	-.128	340	137	.159	.127	.671	-.322
330	510	-.017	.059	.271	-.172	330	937	-.005	.057	.279	-.137	340	138	-.026	.112	.324	-.432
330	511	-.088	.039	.086	-.217	330	938	-.082	.054	.271	-.257	340	139	.081	.116	.579	-.258
330	512	-.102	.032	.046	-.205	330	939	-.209	.042	-.055	-.420	340	140	.182	.128	.730	-.114
330	513	-.038	.056	.234	-.236	330	940	-.184	.050	-.022	-.463	340	141	.200	.117	.829	-.119
330	514	-.127	.032	.013	-.278	330	941	-.075	.061	.232	-.325	340	142	.223	.121	.877	-.961
330	515	-.130	.030	.001	-.247	330	942	-.098	.050	.156	-.264	340	143	.177	.112	.709	-.116
330	516	-.164	.035	-.017	-.348	330	943	-.118	.041	.067	-.257	340	144	.126	.095	.491	-.185
330	801	-.068	.110	.337	-.494	330	944	-.151	.034	.006	-.278	340	145	.037	.089	.484	-.245
330	802	-.293	.072	-.126	-.654	330	945	-.173	.114	.141	-.823	340	146	-.130	.094	.319	-.450
330	803	-.058	.040	.159	-.179	330	946	-.105	.042	.939	-.365	340	147	-.023	.098	.413	-.336
330	804	-.064	.063	.192	-.344	330	947	-.111	.033	.053	-.245	340	148	.053	.074	.483	-.144
330	805	-.017	.035	.134	-.096	330	948	-.127	.030	.027	-.229	340	149	.077	.076	.377	-.117
330	806	-.102	.020	-.021	-.154	330	949	-.191	.034	-.098	-.337	340	150	.075	.082	.495	-.151
330	807	-.245	.054	-.121	-.551	340	101	.139	.110	.529	-.263	340	151	.059	.075	.404	-.293
330	901	-.495	.105	-.176	-1.033	340	102	.157	.115	.576	-.212	340	152	.040	.077	.452	-.223
330	902	-.335	.108	.121	-.818	340	103	.118	.109	.524	-.270	340	153	-.011	.073	.312	-.291
330	903	-.134	.072	.126	-.466	340	104	.073	.135	.581	-.358	340	154	-.157	.092	.244	-.541
330	904	-.471	.092	-.196	-.860	340	105	.187	.138	.686	-.361	340	155	.002	.108	.416	-.476
330	905	-.157	.073	.152	-.450	340	106	.041	.095	.471	-.476	340	156	.020	.119	.510	-.373
330	906	-.465	.093	-.158	-.856	340	107	.235	.126	.605	-.146	340	157	.039	.107	.628	-.414
330	907	-.318	.069	-.085	-.590	340	108	.373	.133	.905	-.119	340	158	.093	.071	.488	-.298
330	908	-.294	.071	-.082	-.535	340	109	.354	.134	.769	-.021	340	159	-.021	.069	.329	-.298
330	909	.098	.083	.591	-.088	340	110	.330	.129	.771	-.142	340	160	-.033	.070	.363	-.382
330	910	.171	.104	.696	-.071	340	111	.303	.135	.781	-.104	340	161	-.001	.079	.394	-.348
330	911	-.347	.123	-.128	-.985	340	112	.312	.134	.758	-.153	340	162	.022	.079	.418	-.307
330	912	-.109	.055	.171	-.290	340	113	.295	.138	.759	-.322	340	163	-.089	.081	.360	-.358
330	913	.105	.119	.514	-.303	340	114	.004	.082	.334	-.319	340	164	.040	.087	.447	-.216
330	914	-.241	.059	-.038	-.551	340	115	.078	.142	.590	-.691	340	165	.017	.078	.346	-.185
330	915	-.475	.116	-.153	-1.033	340	116	.460	.150	.960	.001	340	166	.048	.076	.401	-.129
330	916	-.315	.083	-.029	-.663	340	117	.459	.141	.941	.018	340	167	.043	.069	.377	-.172
330	917	.241	.156	.687	-.208	340	118	.396	.144	.869	-.037	340	168	.022	.057	.404	-.127
330	918	.278	.170	.895	-.303	340	119	.324	.148	.879	-.160	340	169	-.040	.062	.218	-.433
330	919	-.460	.100	-.211	-.907	340	120	.140	.145	.592	-.549	340	170	.025	.096	.476	-.209
330	920	-.386	.104	-.085	-.798	340	121	-.059	.164	.402	-.715	340	171	.068	.098	.553	-.199
330	921	-.345	.090	-.043	-.670	340	122	.163	.115	.588	-.312	340	172	.054	.086	.471	-.199
330	922	-.276	.056	-.094	-.478	340	123	.330	.130	.708	-.084	340	173	.044	.074	.449	-.112
330	923	-.283	.064	-.104	-.665	340	124	.454	.148	.928	.018	340	174	.043	.065	.423	-.124
330	924	-.323	.094	.071	-.660	340	125	.415	.149	.910	-.032	340	175	.018	.052	.394	-.136
330	925	-.082	.063	.163	-.365	340	126	.454	.154	.975	.042	340	176	-.011	.057	.158	-.570
330	926	-.079	.064	.245	-.309	340	127	.455	.158	.877	-.018	340	177	-.045	.074	.214	-.552
330	927	.139	.143	.633	-.402	340	128	.360	.150	.929	-.166	340	201	-.309	.151	.035	-1.076
330	928	.258	.169	.808	-.365	340	129	.245	.139	.659	-.170	340	202	-.298	.127	.031	-1.011
330	929	-.252	.117	.230	-.868	340	130	.056	.109	.397	-.446	340	203	-.301	.124	.084	-1.045
330	930	-.043	.062	.245	-.360	340	131	.220	.131	.678	-.197	340	204	-.353	.148	.095	-1.131
330	931	-.065	.056	.165	-.283	340	132	.314	.140	.764	-.089	340	205	-.424	.159	.113	-1.202
330	932	-.291	.062	-.111	-.506	340	133	.340	.142	.812	-.037	340	206	-.471	.133	-.036	-1.189
330	933	-.220	.073	.051	-.488	340	134	.324	.143	.903	-.004	340	207	-.454	.135	-.124	-1.286
330	934	-.039	.055	.234	-.215	340	135	.308	.141	.838	-.001	340	208	-.460	.119	-.153	-1.286
330	935	-.021	.073	.269	-.369	340	136	.269	.135	.810	-.097	340	209	-.319	.126	-.053	-.843

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	210	-.294	.128	.043	-.906	340	260	-.266	.114	-.055	-1.060	340	316	-.261	.059	-.099	-.476
340	211	-.287	.105	.062	-1.160	340	261	-.277	.107	-.025	-1.053	340	317	-.236	.066	-.060	-.537
340	212	-.343	.131	.095	-1.002	340	262	-.270	.089	-.041	-.801	340	318	-.248	.060	-.070	-.479
340	213	-.423	.151	.106	-1.213	340	263	-.321	.121	-.025	-1.046	340	319	-.226	.050	-.098	-.407
340	214	-.483	.165	.051	-1.437	340	264	-.382	.160	-.037	-1.377	340	320	-.219	.048	-.073	-.438
340	215	-.431	.129	-.164	-1.144	340	265	-.444	.169	-.009	-1.601	340	321	-.280	.069	-.060	-.597
340	216	-.427	.135	-.080	-1.244	340	266	-.425	.148	-.050	-1.387	340	322	-.205	.045	-.070	-.417
340	217	-.282	.103	.071	-.918	340	267	-.426	.140	-.055	-1.046	340	323	-.201	.046	-.060	-.371
340	218	-.373	.133	.055	-1.149	340	268	-.009	.092	.403	-.476	340	324	-.211	.047	-.065	-.412
340	219	-.411	.122	-.055	-.918	340	269	-.018	.076	.268	-.381	340	325	-.215	.043	-.080	-.361
340	220	-.313	.127	-.007	-.980	340	270	-.232	.089	-.005	-.891	340	326	-.214	.042	-.088	-.387
340	221	-.314	.117	-.009	-1.016	340	271	-.253	.084	-.018	-.709	340	327	-.209	.045	-.057	-.367
340	222	-.308	.099	.011	-.736	340	272	-.290	.104	-.007	-.798	340	328	-.229	.050	-.089	-.436
340	223	-.348	.123	.040	-.996	340	273	-.325	.117	.105	-1.179	340	329	-.248	.065	-.035	-.543
340	224	-.388	.146	.029	-1.167	340	274	-.394	.145	.042	-1.337	340	330	-.198	.044	-.063	-.387
340	225	-.414	.159	-.000	-1.142	340	275	-.354	.133	-.023	-.994	340	331	-.204	.044	-.063	-.382
340	226	-.399	.147	-.111	-1.264	340	276	-.224	.094	.108	-.762	340	332	-.213	.046	-.065	-.379
340	227	-.392	.142	-.095	-1.340	340	277	-.212	.076	.121	-.737	340	333	-.213	.041	-.078	-.371
340	228	-.305	.114	-.042	-.841	340	278	-.200	.062	.024	-.478	340	334	-.221	.043	-.108	-.405
340	229	-.298	.100	-.036	-.763	340	279	-.176	.046	-.059	-.397	340	335	-.213	.044	-.072	-.426
340	230	-.309	.090	-.044	-.694	340	280	-.020	.078	.336	-.185	340	336	-.236	.049	-.102	-.624
340	231	-.347	.123	.038	-.852	340	281	-.023	.075	.389	-.210	340	337	-.239	.056	-.015	-.481
340	232	-.394	.164	.067	-1.235	340	282	-.225	.071	-.026	-.722	340	338	-.207	.049	-.078	-.417
340	233	-.404	.154	-.004	-1.426	340	283	-.212	.070	.078	-.491	340	339	-.210	.048	-.091	-.394
340	234	-.390	.160	-.057	-1.540	340	284	-.204	.060	.027	-.505	340	340	-.225	.051	-.106	-.445
340	235	-.363	.134	-.041	-1.375	340	285	-.188	.050	-.035	-.399	340	341	-.230	.054	-.085	-.466
340	236	-.324	.119	-.052	-.888	340	286	-.222	.085	-.010	-.703	340	342	-.232	.057	-.006	-.530
340	237	-.294	.103	.031	-.823	340	287	-.229	.075	.050	-.584	340	343	-.210	.050	-.040	-.468
340	238	-.305	.100	.022	-.670	340	288	-.260	.086	-.014	-.791	340	344	-.224	.059	-.067	-.582
340	239	-.348	.128	.027	-1.033	340	289	-.336	.132	.045	-1.042	340	345	-.240	.066	-.065	-.615
340	240	-.400	.159	.110	-1.118	340	290	-.277	.105	.029	-.763	340	346	-.227	.060	-.082	-.491
340	241	-.429	.164	.009	-1.441	340	291	-.352	.138	-.008	-1.058	340	347	-.236	.058	-.070	-.476
340	242	-.447	.159	-.082	-1.355	340	292	-.383	.158	-.068	-1.065	340	348	-.250	.062	-.109	-.623
340	243	-.438	.157	-.086	-1.492	340	293	.055	.083	.485	-.153	340	349	-.258	.066	-.104	-.559
340	244	-.273	.111	.004	-.982	340	294	.034	.077	.297	-.351	340	350	-.251	.076	-.038	-.591
340	245	-.290	.108	-.059	-.868	340	301	-.243	.060	-.040	-.476	340	351	-.206	.059	-.096	-.500
340	246	-.305	.111	-.055	-.940	340	302	-.247	.060	-.080	-.580	340	352	-.201	.061	.048	-.464
340	247	-.344	.129	-.032	-1.069	340	303	-.238	.073	-.028	-.555	340	353	-.207	.062	.008	-.510
340	248	-.395	.144	.002	-1.071	340	304	-.215	.075	.054	-.701	340	354	-.158	.051	-.028	-.500
340	249	-.451	.152	-.046	-1.389	340	305	-.227	.082	-.001	-.689	340	355	-.173	.072	-.026	-.610
340	250	-.449	.145	-.131	-1.310	340	306	-.255	.101	.094	-.788	340	356	-.149	.051	-.038	-.473
340	251	-.453	.156	-.057	-1.752	340	307	-.248	.062	-.094	-.612	340	357	-.144	.045	-.011	-.334
340	252	-.291	.128	-.034	-1.121	340	308	-.246	.056	-.080	-.493	340	358	-.155	.041	-.021	-.371
340	253	-.303	.108	-.023	-.780	340	309	-.227	.054	-.028	-.429	340	359	-.165	.048	.006	-.420
340	254	-.407	.151	-.018	-1.226	340	310	-.224	.053	-.042	-.425	340	360	-.208	.067	.035	-.535
340	255	-.437	.139	-.104	-1.195	340	311	-.220	.052	-.060	-.453	340	361	-.143	.042	-.009	-.351
340	256	-.241	.094	.013	-.814	340	312	-.208	.054	-.035	-.421	340	362	-.163	.047	.040	-.351
340	257	-.216	.069	.065	-.688	340	313	-.220	.065	-.042	-.563	340	363	-.172	.055	-.031	-.454
340	258	-.228	.063	-.052	-.548	340	314	-.244	.079	-.033	-.612	340	364	-.155	.053	-.033	-.412
340	259	-.184	.047	-.005	-.508	340	315	-.269	.060	-.099	-.486	340	365	-.133	.040	-.021	-.403

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	366	-.124	.034	-.033	-.334	340	438	-.221	.051	-.052	-.425	340	488	-.086	.070	.129	-.607
340	367	-.154	.043	.016	-.319	340	439	-.106	.140	.411	-.557	340	489	-.114	.061	.127	-.416
340	368	-.183	.051	-.014	-.437	340	440	.050	.157	.619	-.500	340	490	-.112	.040	-.005	-.333
340	369	-.197	.060	-.031	-.493	340	441	-.279	.064	-.074	-.487	340	491	-.128	.036	.028	-.322
340	370	-.159	.050	-.048	-.466	340	442	-.204	.051	-.026	-.386	340	492	-.130	.033	-.027	-.352
340	371	-.155	.053	-.048	-.483	340	443	-.664	.314	.200	-2.223	340	493	-.130	.031	.011	-.384
340	372	-.133	.036	-.028	-.300	340	444	-.305	.265	.324	-1.195	340	494	-.121	.036	.023	-.417
340	373	-.125	.035	-.004	-.286	340	445	-.240	.171	.251	-.681	340	495	-.129	.036	.001	-.289
340	374	-.131	.038	.001	-.306	340	446	-.208	.132	.179	-.844	340	496	-.139	.041	-.030	-.475
340	375	-.135	.038	-.019	-.311	340	447	-.204	.111	.088	-.758	340	497	-.069	.099	.245	-.437
340	376	-.150	.040	-.037	-.291	340	448	-.122	.072	.145	-.539	340	498	-.049	.097	.358	-.359
340	377	-.183	.051	-.002	-.394	340	449	-.093	.044	.071	-.351	340	499	-.084	.073	.319	-.570
340	378	-.195	.056	-.019	-.571	340	450	-.132	.034	-.016	-.314	340	500	-.089	.044	.106	-.289
340	401	-.714	.154	-.224	-1.293	340	451	-.127	.032	-.097	-.249	340	501	-.118	.035	.001	-.261
340	402	-.494	.114	-.120	-.878	340	452	-.189	.038	-.063	-.360	340	502	-.125	.032	-.009	-.324
340	403	-.241	.108	.117	-.685	340	453	-.170	.034	-.061	-.297	340	503	-.134	.033	-.019	-.329
340	404	-.090	.046	.052	-.284	340	454	-.182	.039	-.059	-.310	340	504	-.118	.029	.003	-.347
340	405	-.153	.037	-.017	-.328	340	455	-.381	.134	.145	-.916	340	505	-.121	.029	-.009	-.241
340	406	-.190	.040	-.056	-.344	340	456	-.390	.149	.205	-1.325	340	506	-.131	.037	-.047	-.387
340	407	-.002	.133	.476	-.480	340	457	-.209	.171	.186	-.892	340	507	-.018	.093	.403	-.410
340	408	.008	.162	.573	-.595	340	458	-.178	.163	.162	-.907	340	508	-.020	.089	.351	-.272
340	409	.168	.197	.801	-.549	340	459	-.109	.104	.130	-.639	340	509	-.066	.059	.320	-.277
340	410	-.696	.172	-.150	-1.597	340	460	-.065	.051	.101	-.442	340	510	-.075	.044	.122	-.204
340	411	-.565	.194	.181	-1.272	340	461	-.086	.038	.132	-.340	340	511	-.112	.034	-.005	-.232
340	412	-.172	.063	.055	-.461	340	462	-.082	.038	.062	-.319	340	512	-.113	.029	-.015	-.222
340	413	-.123	.039	.013	-.270	340	463	-.156	.035	-.037	-.306	340	513	-.079	.040	.155	-.187
340	414	-.179	.037	-.047	-.319	340	464	-.176	.038	-.050	-.312	340	514	-.119	.027	-.031	-.227
340	415	-.211	.040	-.091	-.342	340	465	-.330	.146	.108	-1.212	340	515	-.117	.029	-.003	-.234
340	416	-.257	.057	-.114	-.475	340	466	-.333	.163	.173	-1.669	340	516	-.124	.029	-.012	-.227
340	417	-.259	.054	-.070	-.484	340	467	-.226	.153	.145	-1.095	340	801	-.292	.181	.199	-1.235
340	418	-.267	.061	-.086	-.588	340	468	-.173	.132	.184	-.821	340	802	-.261	.068	-.085	-.548
340	419	.034	.143	.506	-.489	340	469	-.173	.134	.158	-.829	340	803	-.082	.034	.056	-.218
340	420	.045	.161	.674	-.505	340	470	-.104	.091	.084	-.760	340	804	-.192	.106	.091	-.747
340	421	-.652	.217	-.079	-1.295	340	471	-.087	.054	.149	-.574	340	805	-.039	.031	.081	-.143
340	422	-.166	.063	.089	-.563	340	472	-.093	.040	.121	-.381	340	806	-.117	.017	-.065	-.176
340	423	-.131	.041	.018	-.312	340	473	-.085	.038	.149	-.284	340	807	-.226	.056	-.056	-.440
340	424	-.235	.046	-.088	-.434	340	474	-.139	.038	.026	-.353	340	901	-.552	.106	-.264	-.958
340	425	-.263	.058	-.107	-.452	340	475	-.155	.039	-.000	-.327	340	902	-.333	.113	.086	-.761
340	426	-.259	.056	-.093	-.482	340	476	-.203	.048	-.070	-.372	340	903	-.130	.076	.222	-.415
340	427	-.168	.158	.545	-.694	340	477	-.182	.138	.331	-1.005	340	904	-.547	.096	-.284	-.914
340	428	-.125	.183	.603	-.848	340	478	-.189	.144	.269	-1.021	340	905	-.138	.069	.233	-.406
340	429	.030	.196	.564	-.740	340	479	-.089	.065	.124	-.467	340	906	-.542	.110	-.235	-1.007
340	430	-.584	.192	-.031	-1.302	340	480	-.081	.069	.129	-.499	340	907	-.338	.079	-.078	-.668
340	431	-.532	.165	-.042	-1.246	340	481	-.052	.069	.237	-.518	340	908	-.272	.072	-.053	-.592
340	432	-.148	.070	.101	-.464	340	482	-.144	.036	-.012	-.301	340	909	.206	.113	.689	-.069
340	433	-.121	.044	.075	-.251	340	483	-.115	.033	.001	-.246	340	910	.291	.151	1.074	-.057
340	434	-.188	.038	-.057	-.336	340	484	-.116	.031	.011	-.216	340	911	-.316	.098	-.104	-.891
340	435	-.227	.044	-.100	-.399	340	485	-.181	.040	-.065	-.354	340	912	-.123	.041	.068	-.284
340	436	-.283	.059	-.091	-.533	340	486	-.201	.049	-.062	-.417	340	913	.042	.120	.508	-.417
340	437	-.245	.055	-.059	-.435	340	487	-.088	.095	.202	-.636	340	914	-.242	.062	-.017	-.558

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	915	-.571	.131	-.211	-1.344	350	116	.422	.164	.929	-.078	350	166	.051	.075	.601	-.118
340	916	-.259	.093	.067	-.603	350	117	.391	.155	.848	-.082	350	167	.063	.079	.472	-.181
340	917	.006	.148	.544	-.614	350	118	.327	.142	.856	-.151	350	168	.038	.080	.550	-.186
340	918	.081	.187	.716	-.594	350	119	.211	.138	.659	-.530	350	169	-.050	.064	.355	-.312
340	919	-.541	.110	-.243	-1.008	350	120	-.017	.174	.513	-.731	350	170	.041	.091	.620	-.244
340	920	-.358	.108	.098	-.832	350	121	-.251	.152	.280	-.786	350	171	.078	.095	.632	-.152
340	921	-.311	.083	.029	-.590	350	122	.099	.138	.636	-.333	350	172	.074	.081	.494	-.147
340	922	-.262	.062	-.093	-.532	350	123	.278	.152	.902	-.196	350	173	.077	.089	.562	-.108
340	923	-.269	.064	-.080	-.512	350	124	.385	.161	.892	-.105	350	174	.063	.078	.569	-.200
340	924	-.459	.096	-.116	-.808	350	125	.387	.159	1.123	-.010	350	175	.045	.069	.506	-.135
340	925	-.155	.068	.099	-.439	350	126	.426	.162	.956	-.025	350	176	.001	.055	.288	-.249
340	926	-.104	.053	.072	-.300	350	127	.387	.152	.850	-.087	350	177	-.057	.058	.167	-.419
340	927	-.118	.153	.403	-.659	350	128	.293	.153	.825	-.250	350	201	-.214	.069	-.040	-.732
340	928	-.011	.177	.551	-.661	350	129	.165	.126	.618	-.283	350	202	-.233	.073	-.042	-.611
340	929	-.462	.149	-.043	-.977	350	130	-.020	.118	.369	-.393	350	203	.325	.140	.002	-.914
340	930	-.150	.055	.028	-.419	350	131	.177	.133	.667	-.194	350	204	-.352	.140	-.024	-1.060
340	931	-.133	.049	.067	-.339	350	132	.290	.135	.811	-.044	350	205	-.344	.111	-.022	-.956
340	932	-.276	.064	-.080	-.548	350	133	.286	.135	.714	-.126	350	206	-.492	.186	-.040	-1.350
340	933	-.220	.071	.024	-.484	350	134	.342	.146	.819	-.070	350	207	-.777	.269	-.061	-1.757
340	934	.077	.106	.559	-.156	350	135	.334	.147	.951	-.186	350	208	-.833	.309	-.031	-3.003
340	935	-.028	.094	.351	-.492	350	136	.277	.144	.827	-.157	350	209	-.197	.052	-.062	-.629
340	936	.090	.097	.609	-.142	350	137	.156	.126	.633	-.256	350	210	-.208	.069	-.022	-.601
340	937	-.035	.048	.198	-.185	350	138	-.048	.100	.382	-.374	350	211	-.262	.077	-.042	-.706
340	938	-.131	.039	.084	-.293	350	139	.088	.109	.495	-.336	350	212	-.317	.099	-.011	-1.057
340	939	-.193	.047	-.055	-.411	350	140	.207	.114	.636	-.104	350	213	-.402	.136	-.009	-1.073
340	940	-.140	.040	-.024	-.331	350	141	.209	.111	.745	-.099	350	214	-.588	.226	-.040	-1.429
340	941	-.089	.048	.127	-.286	350	142	.239	.119	.718	-.025	350	215	-.826	.248	-.064	-2.009
340	942	-.123	.037	.023	-.284	350	143	.216	.123	.710	-.113	350	216	-.798	.252	-.048	-2.354
340	943	-.130	.030	.032	-.244	350	144	.184	.124	.751	-.192	350	217	-.255	.081	.088	-.653
340	944	-.133	.029	-.017	-.260	350	145	.073	.116	.633	-.386	350	218	-.333	.108	-.009	-.829
340	945	-.124	.074	.088	-.620	350	146	-.100	.089	.317	-.448	350	219	-.526	.176	-.018	-1.233
340	946	-.114	.039	.070	-.300	350	147	-.012	.087	.397	-.283	350	220	-.190	.073	.006	-.798
340	947	-.128	.032	-.010	-.270	350	148	.081	.076	.462	-.113	350	221	-.199	.073	-.000	-.776
340	948	-.128	.030	-.001	-.289	350	149	.096	.073	.462	-.108	350	222	-.231	.091	.035	-.829
340	949	-.141	.026	-.039	-.312	350	150	.110	.094	.542	-.178	350	223	-.312	.121	.042	-.965
350	101	.162	.134	.615	-.302	350	151	.094	.099	.559	-.186	350	224	-.421	.159	.017	-1.117
350	102	.147	.133	.606	-.346	350	152	.081	.106	.598	-.280	350	225	-.638	.244	.042	-1.429
350	103	.063	.105	.458	-.361	350	153	.004	.103	.496	-.346	350	226	-.702	.207	.009	-1.631
350	104	.078	.158	.661	-.391	350	154	-.123	.087	.202	-.528	350	227	-.694	.209	.039	-1.699
350	105	.131	.162	.697	-.458	350	155	.007	.102	.365	-.457	350	228	-.191	.085	.050	-.717
350	106	.004	.108	.761	-.465	350	156	.040	.122	.610	-.552	350	229	-.194	.075	-.009	-.585
350	107	.225	.146	.720	-.319	350	157	.072	.122	.586	-.428	350	230	-.217	.083	.068	-.657
350	108	.338	.160	.816	-.222	350	158	.033	.090	.513	-.290	350	231	-.284	.122	.064	-.952
350	109	.304	.145	.803	-.151	350	159	.002	.087	.494	-.365	350	232	-.392	.188	.213	-1.288
350	110	.279	.137	.689	-.260	350	160	-.024	.068	.448	-.307	350	233	-.542	.245	.037	-1.534
350	111	.255	.133	.666	-.167	350	161	.019	.072	.343	-.380	350	234	-.633	.243	.056	-2.119
350	112	.220	.124	.690	-.188	350	162	.047	.077	.462	-.239	350	235	-.606	.236	-.096	-1.876
350	113	.232	.159	.782	-.300	350	163	-.076	.080	.288	-.443	350	236	-.199	.092	-.013	-.674
350	114	-.024	.076	.171	-.445	350	164	.028	.071	.297	-.207	350	237	-.184	.073	.005	-.674
350	115	-.086	.154	.454	-.746	350	165	.025	.068	.331	-.256	350	238	-.203	.082	.045	-.692

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	239	-.259	.113	.041	-.748	350	289	-.222	.099	.006	-.788	350	345	-.183	.048	-.033	-.413
350	240	-.330	.164	.061	-1.373	350	290	-.231	.113	.082	-.943	350	346	-.155	.035	-.047	-.293
350	241	-.473	.239	.049	-1.657	350	291	-.335	.154	.050	-1.146	350	347	-.159	.037	-.057	-.337
350	242	-.509	.231	.056	-1.623	350	292	-.339	.150	.123	-1.050	350	348	-.166	.039	-.055	-.377
350	243	-.483	.201	-.029	-1.889	350	293	-.055	.071	.405	-.135	350	349	-.172	.036	-.067	-.315
350	244	-.186	.078	-.030	-.665	350	294	-.010	.066	.310	-.386	350	350	-.159	.034	-.064	-.340
350	245	-.190	.072	-.013	-.553	350	301	-.208	.047	-.072	-.435	350	351	-.147	.034	-.030	-.303
350	246	-.185	.074	.005	-.717	350	302	-.211	.049	-.036	-.456	350	352	-.146	.036	-.035	-.318
350	247	-.239	.109	.011	-.897	350	303	-.206	.055	-.055	-.426	350	353	-.155	.040	-.045	-.379
350	248	-.320	.169	.043	-1.134	350	304	-.182	.048	-.031	-.424	350	354	-.102	.029	-.003	-.283
350	249	-.417	.200	-.013	-1.905	350	305	-.182	.053	-.030	-.512	350	355	-.098	.027	-.015	-.219
350	250	-.443	.182	-.052	-1.292	350	306	-.197	.055	-.042	-.501	350	356	-.099	.027	-.020	-.244
350	251	-.414	.196	-.053	-1.730	350	307	-.209	.043	-.074	-.424	350	357	-.103	.025	-.005	-.195
350	252	-.183	.091	.005	-1.072	350	308	-.215	.045	-.074	-.433	350	358	-.118	.027	.012	-.219
350	253	-.197	.080	.049	-.634	350	309	-.181	.043	-.045	-.367	350	359	-.120	.029	-.020	-.271
350	254	-.359	.166	.000	-1.281	350	310	-.191	.043	-.029	-.383	350	360	-.149	.038	-.032	-.374
350	255	-.373	.138	-.062	-1.040	350	311	-.191	.038	-.067	-.386	350	361	-.112	.027	.012	-.219
350	256	-.149	.052	.009	-.428	350	312	-.184	.041	-.051	-.349	350	362	-.120	.029	-.010	-.256
350	257	-.142	.038	.000	-.328	350	313	-.191	.047	-.051	-.390	350	363	-.099	.027	-.000	-.244
350	258	-.145	.033	-.015	-.294	350	314	-.196	.050	-.051	-.431	350	364	-.104	.029	-.030	-.332
350	259	-.132	.029	-.042	-.292	350	315	-.234	.053	-.081	-.480	350	365	-.102	.025	-.020	-.212
350	260	-.181	.082	-.033	-.864	350	316	-.229	.053	-.072	-.618	350	366	-.100	.022	-.008	-.185
350	261	-.176	.069	-.006	-.687	350	317	-.198	.053	-.057	-.446	350	367	-.115	.029	-.003	-.266
350	262	-.178	.058	.003	-.551	350	318	-.206	.043	-.096	-.461	350	368	-.134	.031	-.015	-.281
350	263	-.228	.101	-.022	-.815	350	319	-.196	.038	-.080	-.372	350	369	-.143	.033	-.027	-.332
350	264	-.290	.146	.076	-1.172	350	320	-.193	.036	-.058	-.348	350	370	-.101	.028	-.000	-.241
350	265	-.487	.252	-.000	-2.549	350	321	-.236	.057	-.040	-.471	350	371	-.102	.029	-.023	-.241
350	266	-.401	.164	-.105	-1.364	350	322	-.181	.037	-.056	-.412	350	372	-.100	.030	-.018	-.261
350	267	-.385	.157	-.049	-1.092	350	323	-.180	.038	-.051	-.357	350	373	-.090	.019	-.021	-.168
350	268	-.033	.075	.340	-.395	350	324	-.182	.035	-.085	-.321	350	374	-.101	.020	-.029	-.183
350	269	-.024	.065	.262	-.417	350	325	-.188	.034	-.089	-.357	350	375	-.101	.020	-.031	-.173
350	270	-.172	.074	-.022	-.681	350	326	-.193	.033	-.102	-.350	350	376	-.114	.025	-.008	-.234
350	271	-.174	.063	-.006	-.757	350	327	-.186	.037	-.072	-.319	350	377	-.137	.032	-.044	-.280
350	272	-.205	.085	-.018	-.900	350	328	-.193	.047	-.068	-.413	350	378	-.146	.033	-.049	-.325
350	273	-.273	.135	.009	-1.114	350	329	-.200	.056	-.059	-.493	350	401	-.741	.193	-.240	-1.378
350	274	-.359	.162	-.060	-1.217	350	330	-.174	.036	-.047	-.410	350	402	-.512	.116	-.208	-1.002
350	275	-.322	.148	.049	-1.118	350	331	-.178	.038	-.040	-.346	350	403	-.337	.098	-.063	-.785
350	276	-.140	.056	.090	-.556	350	332	-.179	.035	-.076	-.343	350	404	-.133	.060	.072	-.489
350	277	-.137	.044	.105	-.404	350	333	-.181	.034	-.054	-.315	350	405	-.143	.037	-.001	-.295
350	278	-.136	.036	.009	-.335	350	334	-.180	.031	-.082	-.301	350	406	-.164	.034	-.003	-.297
350	279	-.124	.026	-.035	-.288	350	335	-.179	.036	-.076	-.315	350	407	-.164	.126	.305	-.708
350	280	.012	.063	.275	-.240	350	336	-.185	.046	-.040	-.514	350	408	-.168	.142	.337	-.737
350	281	-.005	.057	.282	-.213	350	337	-.189	.052	-.040	-.474	350	409	-.085	.166	.460	-.904
350	282	-.139	.045	.004	-.457	350	338	-.161	.032	-.051	-.288	350	410	-.835	.222	-.295	-1.686
350	283	-.131	.044	.043	-.372	350	339	-.165	.034	-.047	-.348	350	411	-.742	.183	-.206	-1.324
350	284	-.131	.034	-.014	-.311	350	340	-.165	.030	-.071	-.310	350	412	-.278	.080	-.028	-.662
350	285	-.122	.027	-.021	-.263	350	341	-.169	.030	-.074	-.330	350	413	-.156	.042	-.026	-.473
350	286	-.173	.080	-.023	-.760	350	342	-.172	.029	-.082	-.279	350	414	-.168	.033	-.042	-.350
350	287	-.171	.063	-.001	-.496	350	343	-.159	.029	-.059	-.280	350	415	-.188	.035	-.062	-.329
350	288	-.195	.076	-.003	-.562	350	344	-.173	.038	-.049	-.452	350	416	-.197	.044	-.064	-.377

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	417	-.201	.043	-.074	-.370	350	467	-.311	.179	.118	-1.135	350	801	-.319	.173	.118	-1.258
350	418	-.212	.050	-.046	-.466	350	468	-.229	.150	.109	-.923	350	802	-.179	.038	-.087	-.389
350	419	-.143	.122	.330	-.610	350	469	-.206	.143	.107	-.880	350	803	-.071	.033	.065	-.183
350	420	-.130	.131	.453	-.580	350	470	-.141	.099	.107	-.929	350	804	-.213	.098	.043	-.691
350	421	-.744	.223	-.183	-1.554	350	471	-.098	.058	.159	-.560	350	805	-.042	.032	.095	-.125
350	422	-.257	.065	-.051	-.566	350	472	-.092	.041	.068	-.292	350	806	-.103	.015	-.062	-.163
350	423	-.174	.044	.025	-.418	350	473	-.085	.040	.047	-.378	350	807	-.156	.033	-.042	-.300
350	424	-.193	.038	-.074	-.331	350	474	-.123	.036	.045	-.444	350	901	-.653	.137	-.205	-1.137
350	425	-.209	.045	-.048	-.400	350	475	-.120	.030	.015	-.277	350	902	-.174	.069	.077	-.541
350	426	-.209	.046	-.064	-.418	350	476	-.150	.030	-.044	-.287	350	903	-.088	.065	.200	-.314
350	427	-.371	.143	.157	-1.034	350	477	-.304	.161	.144	-1.691	350	904	-.655	.130	-.268	-1.209
350	428	-.359	.153	.241	-1.013	350	478	-.303	.160	.143	-1.273	350	905	-.087	.070	.380	-.299
350	429	-.216	.174	.328	-.915	350	479	-.093	.060	.139	-.462	350	906	-.593	.131	-.086	-1.040
350	430	-.730	.246	-.183	-1.627	350	480	-.096	.067	.217	-.480	350	907	-.264	.078	-.059	-.642
350	431	-.555	.180	-.102	-1.216	350	481	-.066	.069	.240	-.361	350	908	-.198	.040	-.073	-.420
350	432	-.249	.079	-.037	-.723	350	482	-.137	.035	-.014	-.285	350	909	.181	.109	.645	-.195
350	433	-.175	.050	-.030	-.457	350	483	-.109	.034	.022	-.234	350	910	.279	.147	1.018	-.103
350	434	-.187	.040	-.000	-.494	350	484	-.107	.029	-.006	-.275	350	911	-.206	.057	-.060	-.518
350	435	-.196	.041	-.065	-.393	350	485	-.141	.027	-.054	-.252	350	912	-.107	.027	.033	-.236
350	436	-.218	.048	-.054	-.423	350	486	-.150	.031	-.059	-.295	350	913	-.011	.116	.377	-.446
350	437	-.203	.046	-.039	-.374	350	487	-.172	.104	.222	-.720	350	914	-.206	.049	-.027	-.434
350	438	-.186	.047	-.037	-.384	350	488	-.132	.084	.089	-.559	350	915	-.569	.145	-.158	-1.064
350	439	-.296	.120	.146	-.852	350	489	-.143	.072	.051	-.758	350	916	-.161	.054	.083	-.389
350	440	-.163	.135	.349	-.652	350	490	-.123	.048	.033	-.464	350	917	-.166	.120	.263	-.672
350	441	-.208	.047	-.077	-.410	350	491	-.123	.037	-.010	-.307	350	918	-.128	.153	.393	-.632
350	442	-.166	.040	-.013	-.434	350	492	-.125	.032	.024	-.262	350	919	-.571	.130	-.186	-1.106
350	443	-.572	.226	-.092	-1.704	350	493	-.120	.032	-.006	-.305	350	920	-.280	.091	-.005	-.662
350	444	-.502	.174	.174	-1.322	350	494	-.107	.035	.055	-.434	350	921	-.209	.056	-.013	-.490
350	445	-.392	.147	.071	-1.030	350	495	-.108	.036	.024	-.462	350	922	-.225	.045	-.082	-.397
350	446	-.347	.140	-.011	-.974	350	496	-.107	.035	.004	-.315	350	923	-.238	.049	-.085	-.428
350	447	-.323	.133	-.028	-.903	350	497	-.119	.092	.318	-.493	350	924	-.481	.104	-.171	-.824
350	448	-.224	.097	.036	-.715	350	498	-.124	.091	.467	-.493	350	925	-.221	.070	.007	-.501
350	449	-.161	.061	.060	-.579	350	499	-.121	.074	.261	-.482	350	926	-.131	.050	.041	-.319
350	450	-.153	.047	-.002	-.725	350	500	-.109	.040	.057	-.325	350	927	-.290	.121	.170	-.781
350	451	-.147	.044	.015	-.457	350	501	-.120	.033	.017	-.254	350	928	-.205	.142	.277	-.914
350	452	-.183	.041	-.007	-.489	350	502	-.116	.031	.060	-.249	350	929	-.549	.161	-.107	-1.091
350	453	-.154	.037	.032	-.301	350	503	-.118	.029	-.029	-.340	350	930	-.211	.054	-.035	-.482
350	454	-.156	.036	.004	-.363	350	504	-.103	.026	-.011	-.201	350	931	-.161	.043	.011	-.336
350	455	-.443	.136	-.090	-1.354	350	505	-.101	.026	.050	-.259	350	932	-.241	.054	-.062	-.445
350	456	-.442	.139	-.052	-1.133	350	506	-.103	.028	-.006	-.247	350	933	-.214	.057	-.005	-.452
350	457	-.342	.170	.129	-1.062	350	507	-.099	.093	.336	-.698	350	934	.084	.090	.583	-.153
350	458	-.296	.166	.068	-.914	350	508	-.084	.083	.267	-.466	350	935	-.019	.107	.450	-.559
350	459	-.205	.130	.116	-.755	350	509	-.098	.043	.203	-.236	350	936	.086	.090	.685	-.143
350	460	-.126	.079	.109	-.573	350	510	-.091	.036	.051	-.226	350	937	-.041	.046	.168	-.195
350	461	-.110	.055	.137	-.410	350	511	-.105	.031	.006	-.224	350	938	-.126	.037	.014	-.252
350	462	-.103	.055	.090	-.549	350	512	-.099	.028	.035	-.221	350	939	-.137	.030	-.017	-.297
350	463	-.132	.039	.045	-.343	350	513	-.080	.034	.104	-.183	350	940	-.099	.026	-.003	-.240
350	464	-.141	.035	.002	-.324	350	514	-.101	.026	.002	-.224	350	941	-.091	.050	.139	-.483
350	465	-.440	.164	-.005	-1.616	350	515	-.094	.024	-.008	-.174	350	942	-.115	.038	.059	-.264
350	466	-.438	.181	.032	-1.348	350	516	-.098	.025	-.032	-.236	350	943	-.118	.029	.025	-.238

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	944	-.110	.026	-.001	-.210	350	946	-.111	.036	.009	-.257	350	948	-.113	.030	.004	-.283
350	945	-.151	.073	.076	-.686	350	947	-.118	.030	.021	-.250	350	949	-.106	.030	-.019	-.282

UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	UD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	153	-.030	.112	.334	-.648	12	208	.008	.226	.554	-1.465	262	265	-.389	.090	-.167	-.943
0	159	.023	.088	.407	-.255	12	215	-.070	.283	.643	-1.802	262	322	-.752	.296	-.137	-2.246
0	208	-.467	.319	.315	-1.584	12	265	-.038	.048	.373	-.268	262	346	-.618	.200	-.143	-1.638
0	215	-.694	.385	.298	-2.672	12	322	-.198	.056	-.024	-.488	262	443	.055	.094	.394	-.257
0	265	-.261	.131	.028	-1.147	12	346	-.175	.045	-.079	-.532	264	153	-.578	.254	-.107	-2.456
0	322	-.159	.050	-.012	-.430	12	443	-.282	.084	-.034	-.790	264	159	-.572	.266	-.042	-2.567
0	346	-.139	.031	-.044	-.330	14	153	-.126	.074	.146	-.524	264	208	-.283	.077	-.032	-.631
0	443	-.409	.120	-.092	-.897	14	159	-.089	.059	.319	-.452	264	215	-.290	.072	.012	-.641
2	153	-.087	.080	.358	-.489	14	208	.050	.212	.761	-1.161	264	265	-.380	.090	-.106	-.926
2	159	-.025	.080	.626	-.345	14	215	.082	.262	.824	-1.151	264	322	-.669	.281	-.106	-1.733
2	208	-.370	.289	.501	-1.656	14	265	-.026	.053	.252	-.704	264	346	-.602	.197	-.074	-1.543
2	215	-.572	.365	.324	-2.180	14	322	-.205	.056	-.043	-.484	264	443	.060	.097	.398	-.231
2	265	-.132	.087	.054	-1.042	14	346	-.184	.048	-.062	-.545	266	153	-.615	.265	-.056	-2.560
2	322	-.162	.053	-.009	-.465	14	443	-.280	.085	-.042	-.784	266	159	-.565	.259	-.032	-2.092
2	346	-.137	.036	-.028	-.367	16	153	-.120	.066	.120	-.473	266	208	-.281	.079	-.040	-.704
2	443	-.373	.110	-.078	-.877	16	159	-.094	.057	.256	-.378	266	215	-.289	.072	-.003	-.663
4	153	-.091	.087	.413	-.431	16	208	.105	.202	.593	-.945	266	265	-.383	.096	-.148	-.975
4	159	-.036	.075	.451	-.481	16	215	.158	.258	.780	-1.740	266	322	-.658	.282	-.117	-1.905
4	208	-.305	.296	.453	-1.665	16	265	.004	.064	.345	-.158	266	346	-.613	.192	-.143	-1.552
4	215	-.475	.373	.569	-1.725	16	322	.214	.058	-.043	-.527	266	443	.070	.099	.456	-.300
4	265	-.112	.073	.107	-.613	16	346	-.192	.043	-.100	-.403	268	153	-.666	.269	-.066	-2.028
4	322	-.169	.057	.004	-.459	16	443	-.282	.085	-.005	-.791	268	159	-.558	.265	.110	-2.006
4	346	-.145	.040	-.047	-.462	18	153	-.120	.066	.097	-.723	268	208	-.284	.077	-.013	-.702
4	443	-.355	.108	-.102	-1.123	18	159	-.093	.054	.251	-.445	268	215	-.284	.067	-.047	-.536
6	153	-.113	.075	.212	-.557	18	208	.165	.194	.809	-.807	268	265	-.376	.101	-.132	-.927
6	159	-.050	.071	.398	-.354	18	215	.211	.223	.799	-1.054	268	322	-.606	.274	-.148	-1.780
6	208	-.215	.278	.436	-1.354	18	265	.018	.058	.381	-.171	268	346	-.621	.194	-.083	-1.607
6	215	-.343	.379	.617	-1.858	18	322	-.231	.060	-.059	-.496	268	443	.087	.102	.428	-.298
6	265	-.085	.069	.156	-.755	18	346	-.210	.047	-.030	-.475	270	153	-.648	.262	-.044	-2.115
6	322	-.171	.056	.028	-.580	18	443	-.266	.072	-.072	-.638	270	159	-.537	.257	.031	-2.012
6	346	-.148	.037	-.052	-.434	20	153	-.106	.053	.155	-.359	270	208	-.277	.071	-.059	-.586
6	443	-.345	.111	-.064	-1.377	20	159	-.093	.056	.117	-.428	270	215	-.281	.071	-.086	-.593
8	153	-.114	.076	.268	-.419	20	208	.200	.182	.755	-.508	270	265	-.369	.098	-.138	-1.250
8	159	-.054	.070	.316	-.487	20	215	.281	.210	.886	-.874	270	322	-.528	.248	-.015	-1.965
8	208	-.132	.244	.488	-1.246	20	265	.030	.062	.335	-.252	270	346	-.591	.180	-.160	-1.668
8	215	-.216	.367	.717	-1.560	20	322	-.243	.064	-.072	-.619	270	443	.094	.101	-.431	-.261
8	265	-.073	.067	.232	-.626	20	346	-.226	.045	-.090	-.537	272	153	-.672	.294	-.010	-2.418
8	322	-.168	.051	.000	-.429	20	443	-.263	.065	-.038	-.572	272	159	-.496	.253	.091	-2.057
8	346	-.149	.037	-.048	-.439	260	153	-.489	.203	-.122	-1.903	272	208	-.277	.072	-.037	-.655
8	443	-.330	.114	-.086	-1.019	260	159	-.577	.255	-.056	-1.906	272	215	-.272	.068	-.059	-.633
10	153	-.114	.071	.266	-.453	260	208	-.297	.080	-.023	-.660	272	265	-.357	.091	-.073	-.941
10	159	-.063	.066	.293	-.427	260	215	-.303	.070	-.076	-.609	272	322	-.486	.222	-.101	-1.763
10	208	-.059	.221	.630	-1.144	260	265	-.390	.097	-.175	-1.217	272	346	-.599	.196	-.125	-1.423
10	215	-.115	.211	.685	-1.719	260	322	-.758	.280	-.105	-1.940	272	443	.097	.103	.436	-.249
10	265	-.056	.059	.208	-.475	260	346	-.616	.193	-.141	-1.466	274	153	-.656	.284	-.086	-2.434
10	322	-.172	.050	.018	-.454	260	443	-.027	.088	.387	-.350	274	159	-.474	.251	.079	-1.970
10	346	-.153	.038	-.064	-.480	262	153	-.566	.260	-.068	-2.170	274	208	-.277	.068	.026	-.566
10	443	-.294	.096	.023	-.831	262	159	-.573	.271	-.027	-2.250	274	215	-.270	.065	-.100	-.566
12	153	-.132	.076	.243	-.462	262	208	-.289	.081	-.021	-.817	274	265	-.358	.101	-.111	-1.016
12	159	-.091	.056	.325	-.764	262	215	-.295	.071	-.104	-.616	274	322	-.441	.188	-.137	-1.810

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
274	346	-.587	.192	-.046	-1.475	288	153	-.297	.189	.178	-1.618	338	208	-.413	.129	-.128	-1.399
274	443	.114	.108	.515	-.240	288	159	-.195	.166	.135	-1.389	338	215	-.371	.117	-.113	-1.243
276	153	-.608	.274	-.008	-1.945	288	208	-.288	.052	-.086	-.491	338	265	-.422	.147	-.004	-1.272
276	159	-.466	.252	.026	-1.957	288	215	-.280	.046	-.120	-.466	338	322	-.201	.048	-.053	-.401
276	208	-.272	.062	-.088	-.564	288	265	-.392	.077	-.200	-.799	338	346	-.241	.059	-.066	-.455
276	215	-.272	.060	-.088	-.537	289	322	-.328	.053	-.163	-.691	338	443	-.690	.348	.252	-2.115
276	265	-.361	.095	-.143	-1.135	288	346	-.393	.103	-.163	-.996	340	153	-.020	.077	.434	-.326
276	322	-.399	.151	-.101	-1.697	288	443	.286	.131	.725	-.106	340	159	-.023	.065	.303	-.299
276	346	-.545	.176	-.079	-1.355	290	153	-.255	.180	.214	-1.171	340	208	-.483	.156	-.133	-1.684
276	443	.124	.106	.441	-.190	290	159	-.172	.136	.118	-1.250	340	215	-.444	.155	-.109	-1.290
278	153	-.596	.297	.120	-2.178	290	208	-.287	.050	-.109	-.488	340	265	-.441	.177	-.043	-1.847
278	159	-.416	.277	.117	-2.286	290	215	-.278	.044	-.128	-.451	340	322	-.199	.051	-.050	-.415
278	208	-.289	.062	-.093	-.566	290	265	-.383	.080	-.202	-1.011	340	346	-.233	.063	-.096	-.513
278	215	-.276	.057	-.110	-.488	290	322	-.319	.049	-.179	-.536	340	443	-.636	.296	.234	-2.136
278	265	-.364	.097	-.132	-1.103	290	346	-.371	.079	-.165	-.878	342	153	-.032	.075	.375	-.319
278	322	-.367	.094	-.135	-1.023	290	443	.309	.143	.796	-.067	342	159	-.047	.057	.275	-.367
278	346	-.519	.179	-.011	-1.460	330	153	.027	.086	.420	-.244	342	208	-.584	.186	-.140	-1.568
278	443	.146	.114	.558	-.220	330	159	-.037	.084	.399	-.582	342	215	-.554	.183	-.055	-1.549
280	153	-.496	.279	.079	-2.331	330	208	-.332	.088	-.075	-.894	342	265	-.410	.171	-.032	-1.658
280	159	-.382	.262	.076	-2.403	330	215	-.310	.086	-.070	-1.057	342	322	-.168	.040	-.051	-.337
280	208	-.286	.061	-.079	-.570	330	265	-.376	.129	-.104	-1.326	342	346	-.184	.043	-.062	-.367
280	215	-.280	.058	-.091	-.629	330	322	-.208	.047	-.055	-.382	342	443	-.561	.273	.185	-1.992
280	265	-.369	.088	-.129	-.904	330	346	-.248	.053	-.097	-.550	344	153	-.043	.077	.387	-.415
280	322	-.347	.072	-.152	-.885	330	443	-.210	.316	.537	-1.658	344	159	-.057	.054	.227	-.312
280	346	-.467	.155	-.110	-1.186	332	153	.014	.072	.369	-.235	344	208	-.656	.198	-.181	-1.527
280	443	.160	.117	.523	-.168	332	159	-.056	.064	.372	-.373	344	215	-.640	.193	-.064	-1.648
282	153	-.408	.249	.225	-1.866	332	208	-.352	.093	-.080	-.992	344	265	-.380	.174	-.009	-1.783
282	159	-.289	.222	.129	-1.653	332	215	-.333	.101	-.104	-.881	344	322	-.163	.036	-.016	-.309
282	208	-.282	.059	-.099	-.551	332	265	-.395	.158	-.102	-1.494	344	346	-.168	.040	-.060	-.375
282	215	-.271	.053	-.089	-.463	332	322	-.210	.046	-.044	-.394	344	443	-.526	.243	.133	-1.913
282	265	-.376	.087	-.153	-.945	332	346	-.251	.058	-.079	-.496	346	153	-.031	.089	.410	-.346
282	322	-.343	.073	-.087	-.929	332	443	-.348	.303	.393	-1.918	346	159	-.042	.069	.366	-.296
282	346	-.434	.141	-.077	-1.321	334	153	.007	.078	.385	-.256	346	208	-.663	.221	-.138	-1.854
282	443	.200	.123	.643	-.176	334	159	-.041	.071	.305	-.417	346	215	-.695	.231	-.104	-1.797
284	153	-.364	.231	.129	-1.636	334	208	-.368	.101	-.104	-.963	346	265	-.448	.196	-.050	-1.521
284	159	-.247	.216	.119	-2.043	334	215	-.334	.090	-.106	-.999	346	322	-.164	.040	-.037	-.358
284	208	-.283	.058	-.097	-.556	334	265	-.407	.153	-.111	-1.598	346	346	-.173	.044	-.053	-.471
284	215	-.274	.051	-.124	-.468	334	322	-.199	.046	-.057	-.428	346	443	-.540	.195	-.050	-1.514
284	265	-.369	.074	-.178	-.779	334	346	-.243	.059	-.107	-.515	348	153	-.001	.103	.573	-.360
284	322	-.331	.055	-.143	-.639	334	443	-.493	.332	.452	-2.035	348	159	-.021	.084	.463	-.293
284	346	-.411	.117	-.150	-1.085	336	153	.000	.085	.422	-.368	348	208	-.754	.254	.008	-1.947
284	443	.225	.128	.646	-.140	336	159	-.032	.069	.324	-.320	348	215	-.719	.238	-.079	-1.712
286	153	-.335	.214	.169	-1.868	336	208	-.378	.107	-.081	-1.137	348	265	-.469	.225	-.007	-2.433
286	159	-.209	.190	.173	-1.351	336	215	-.343	.100	-.069	-.892	348	322	-.169	.040	-.016	-.351
286	208	-.286	.058	-.074	-.543	336	265	-.405	.130	-.122	-1.375	348	346	-.169	.040	-.048	-.386
286	215	-.280	.049	-.108	-.495	336	322	-.208	.051	-.030	-.411	348	443	-.518	.162	-.028	-1.465
286	265	-.398	.088	-.225	-1.020	336	346	-.254	.059	-.086	-.513	350	153	.005	.107	.518	-.328
286	322	-.334	.059	-.165	-.679	336	443	-.632	.370	.321	-2.086	350	159	.015	.082	.508	-.368
286	346	-.402	.114	-.138	-1.062	338	153	-.020	.076	.353	-.354	350	208	-.790	.256	-.082	-1.798
286	443	.266	.130	.685	-.168	338	159	-.022	.071	.365	-.423	350	215	-.758	.264	-.074	-1.884

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	265	-.451	.226	-.093	-1.966	354	153	-.023	.110	.473	-.546	356	265	-.318	.158	.029	-1.625
350	322	-.163	.038	-.019	-.304	354	159	-.008	.088	.578	-.333	356	322	-.156	.046	.003	-.498
350	346	-.157	.033	-.058	-.311	354	208	-.779	.322	.110	-1.818	356	346	-.142	.031	-.046	-.331
350	443	-.486	.148	-.123	-1.141	354	215	-.874	.319	.078	-2.517	356	443	-.427	.128	-.124	-1.363
352	153	-.025	.101	.404	-.398	354	265	-.356	.162	-.026	-1.450	358	153	-.036	.111	.488	-.463
352	159	-.020	.079	.457	-.234	354	322	-.164	.048	.019	-.480	358	159	.026	.086	.398	-.233
352	208	-.859	.301	-.046	-1.932	354	346	-.148	.032	-.021	-.303	358	208	-.576	.326	.147	-1.685
352	215	-.953	.297	.038	-2.273	354	443	-.439	.133	-.041	-1.288	358	215	-.750	.354	.348	-2.268
352	265	-.400	.184	-.020	-2.001	356	153	-.016	.110	.478	-.453	358	265	-.281	.154	.055	-1.643
352	322	-.162	.044	-.025	-.468	356	159	.018	.087	.425	-.282	358	322	-.162	.051	-.019	-.416
352	346	-.150	.033	-.042	-.293	356	208	-.665	.326	.190	-1.765	358	346	-.141	.033	-.042	-.313
352	443	-.466	.158	.013	-1.587	356	215	-.858	.332	.233	-2.227	358	443	-.416	.126	-.077	-1.277