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WIND-TUNNEL STUDY OF HOUSTON CENTER FOUR, HOUSTON

by

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FLUID MECHANICS AND
WIND ENGINEERING PROGRAM

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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, $\frac{F_x}{A_R \ 0.5\rho \ U_\infty^2}$
CF_Y	Force coefficient, Y direction, $\frac{F_y}{A_R \ 0.5\rho \ U_\infty^2}$

1. INTRODUCTION

1.1 General

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

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

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

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

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) 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. 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. Load, shear, and moment diagrams are shown in Figure 11 for several wind directions.

5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed evidence of vortex flow on the roof corners which might be expected to result in higher local peak cladding loads. Cladding loads on the tower should be highest near the corners due to classical flow separation phenomena which were expected and observed. Winds tended to flow down the windward face of the tower and sweep around the corner at plaza level at high speed. Pedestrian discomfort may be expected near these corners on higher wind days. Wind speeds on the sidewalks adjacent to the pedestal structure appeared to be lower than those on the plaza at the base of the tower. Blockage of the approach wind for north to northwest winds should provide a decrease in wind loads on the structure for those wind directions.

5.2 Pedestrian Winds

Figure 4 shows the 22 locations selected for investigation of pedestrian wind comfort. Location 1 was selected as a reference location which should be reasonably undisturbed by presence of the building. Locations 21 and 22 were located at the top of the building. Location 14 was in the passage beneath the pedestal building. Table 2 and Figure 8 show that the largest values of mean velocity about the base of the building were measured at locations 12, 20 and 21 with values ranging from 87 to 100 percent of the mean velocity, U_∞, at the boundary-layer height. These velocities are quite high for pedestrian environments. These values compare to a largest value of 89 percent of U_∞ measured at reference location 1 and a value of about 45 percent which might be expected in an open-country environment.

The largest values of fluctuating velocity, U_{rms}, were measured at locations 12, 17, 20 and 21 with values ranging from 28 to 30 percent of U_{∞}. These values are relatively high. Reference location 1 showed a largest value of 18 percent while an open-country environment might expect 10 to 12 percent. The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at locations 12, 17, 19, 20, 21 and 22 with values ranging from 140 to 165 percent of U_{∞}. Locations 20 and 21 had values in this range for three approach wind directions each. These peak gusts are quite high compared to a largest peak gust of 120 percent of U_{∞} at reference location 1 and 80 to 90 percent which 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 locations about the building of those measured will be 2, 3, 7, 8, 11, 12, 13, 16, 20, 21 and 22, all of which shown mean wind speeds larger than the unacceptable criteria line for 10 percent or more of the time. These locations are all at corners of the building or on the roof and represent areas of small extent. Areas on the elevated plaza away from the corners, for example locations 4, 9, 15 and 19, showed much lower wind speeds. The windiest locations about the building were slightly windier than the reference location 1 located at the base of a nearby tower building.

The results of the pedestrian wind environment showed that the local areas near corners of the building will be quite windy--slightly windier than the reference location which was selected as a windy location. Areas away from the building corners will have only moderate wind speeds. The

higher wind speeds should decrease in future years as development of surrounding blocks takes place. Decrease of wind speeds at building corners without major architectural changes will be difficult.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all 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 coefficients measured on the building were -4.4 and -4.1 obtained at tap locations 312 and 320 respectively. The largest peak cladding pressures, based on the 100-yr recurrence wind speed of Table 5 including wind directional effects, were -144 and -124 psf at tap locations 306 and 312 respectively. Both of these pressures are associated with the vortex development on the roof observed during flow visualization. In fact, 12 of the 15 largest pressures were associated with the roof vortex formation. The other three were associated with flow separation at the intersection of the tower and pedestal structure where high velocities were observed during smoke flow and where high pedestrian wind speeds were observed (see Table 6 for a listing of the 15 highest pressures). Figure 10 shows that most peak pressures on the tower were in the 50 to 70 psf range. Most peak positive pressures were in the 20 to 40 psf range.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for the largest loads in the X and Y directions.

REFERENCES

1. Cermak, J. E., "Laboratory Simulation of the Atmospheric Boundary Layer," AIAA Jl., Vol. 9, September 1971.

2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME Jl. of Fluids Engineering, Vol. 97, No. 1, March 1975.

3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.

4. Penwarden, A. D. and Wise, A. F. E., "Wind Environment around Buildings," Building Research Establishment Report, HMSO, 1975.

5. Melbourne, W. H., "Criteria for Environmental Wind Conditions," Jl. Industrial Aerodynamics, Vol. 3, 1978, pp. 241-247.

6. American National Standards Institute, "American National Standard Building Code Requirements for Minimum Design Loads in Buildings and Other Structures," ANSI Standard A58.1, 1972.

7. Hollister, S. C., "The Engineering Interpretation of Weather Bureau Records for Wind Loading on Structures," Building Science Series 30--Wind Loads on Buildings and Structures, National Bureau of Standards, 1970, pp. 151-164.

8. Peterka, J. A. and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colorado State University, September 1974.

9. PPG Glass Thickness Recommendations to Meet Architect's Specified 1-Minute Wind Load, Pittsburgh Plate Glass Industries, April 1979.

10. Shand, E. B., Glass Engineering Handbook, Second Edition, McGraw-Hill, New York, 1958, p. 51.

11. Batts, M. E., "Hurricane Wind Speeds in the United States," Building Science Series 124, National Bureau of Standards, 1980.

12. Thom, H. C. S., "New Distributions of Extreme Winds in the United States," Journal of the Structural Division, ASCE, July 1968, pp. 1787-1801.

FIGURES

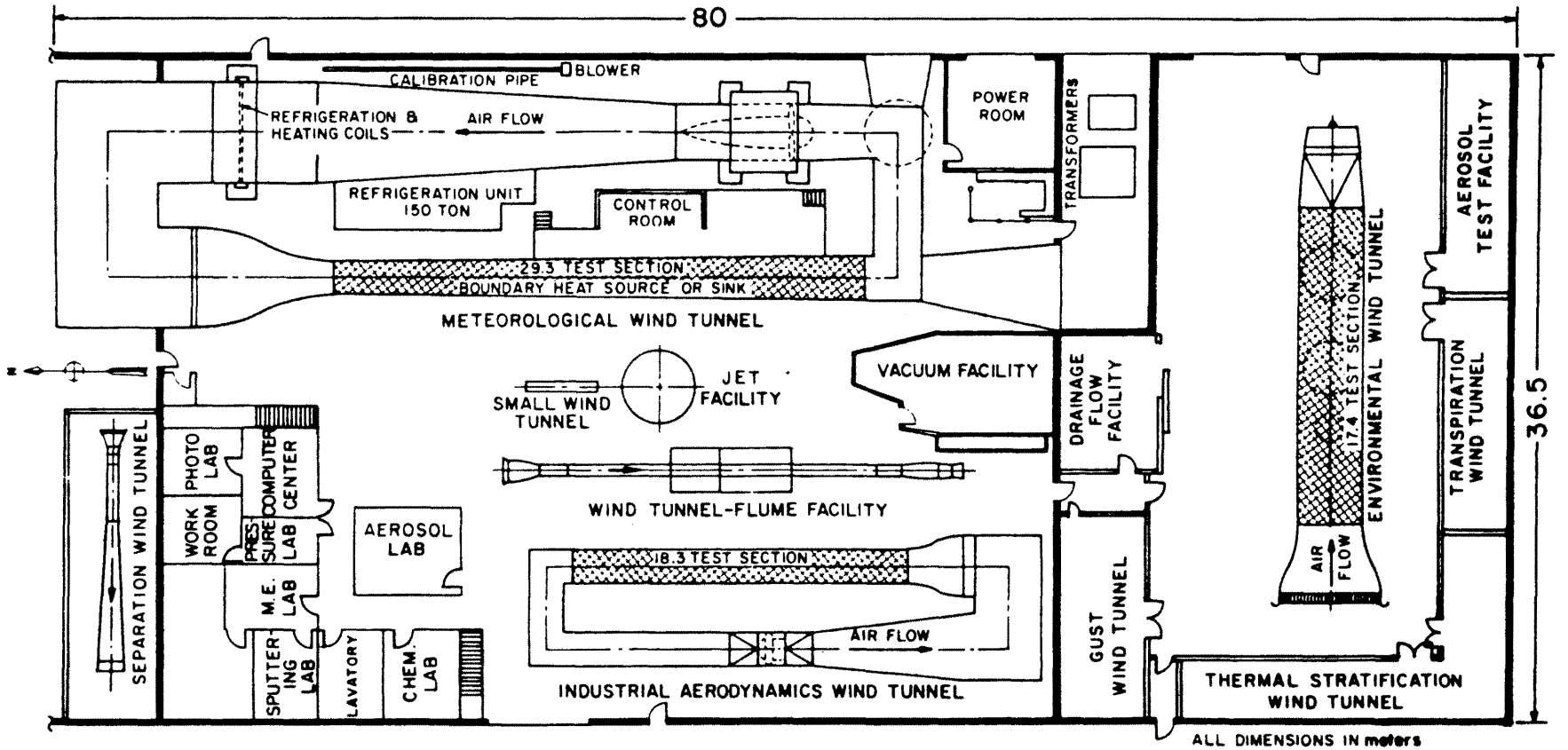
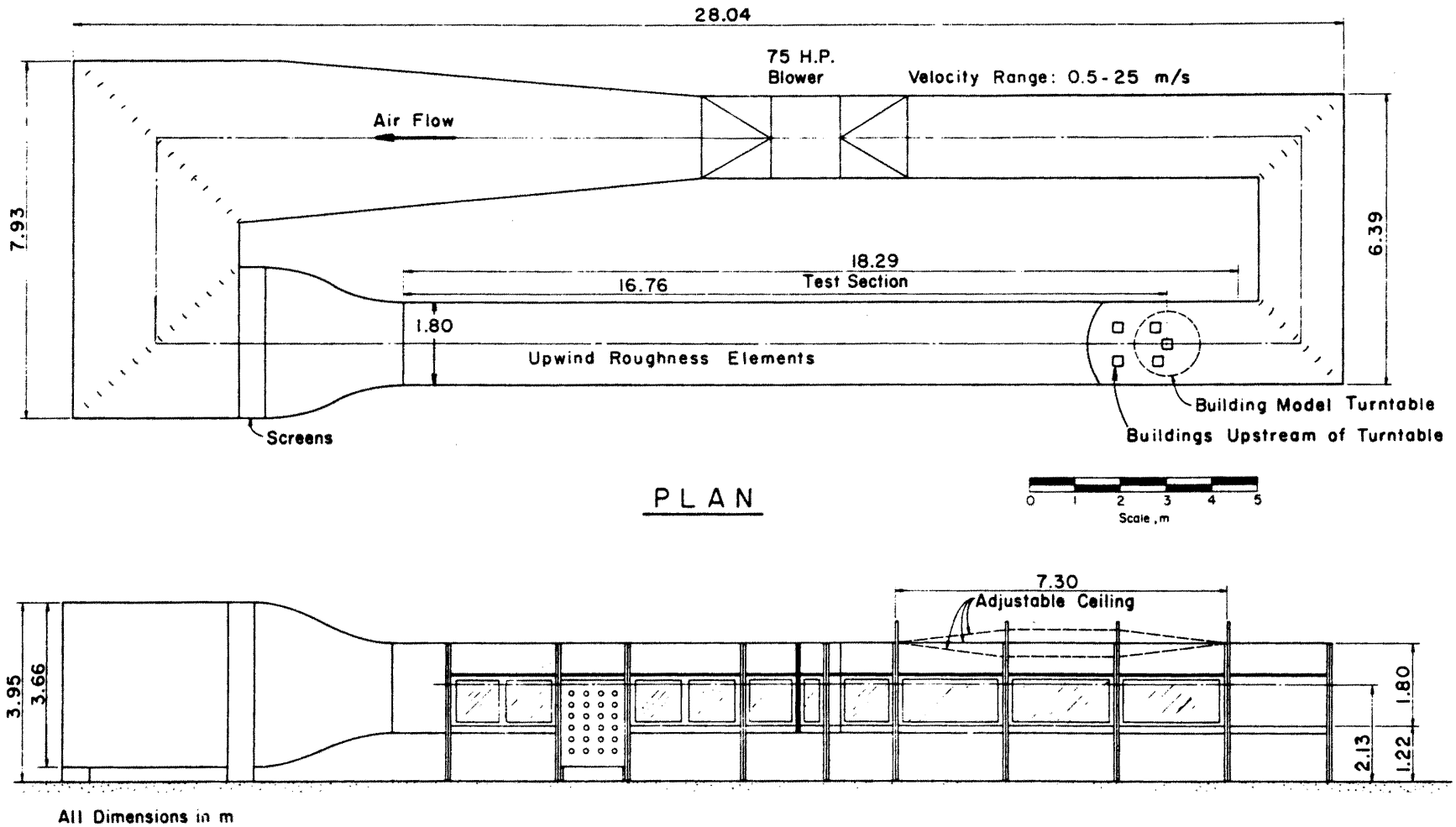


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration

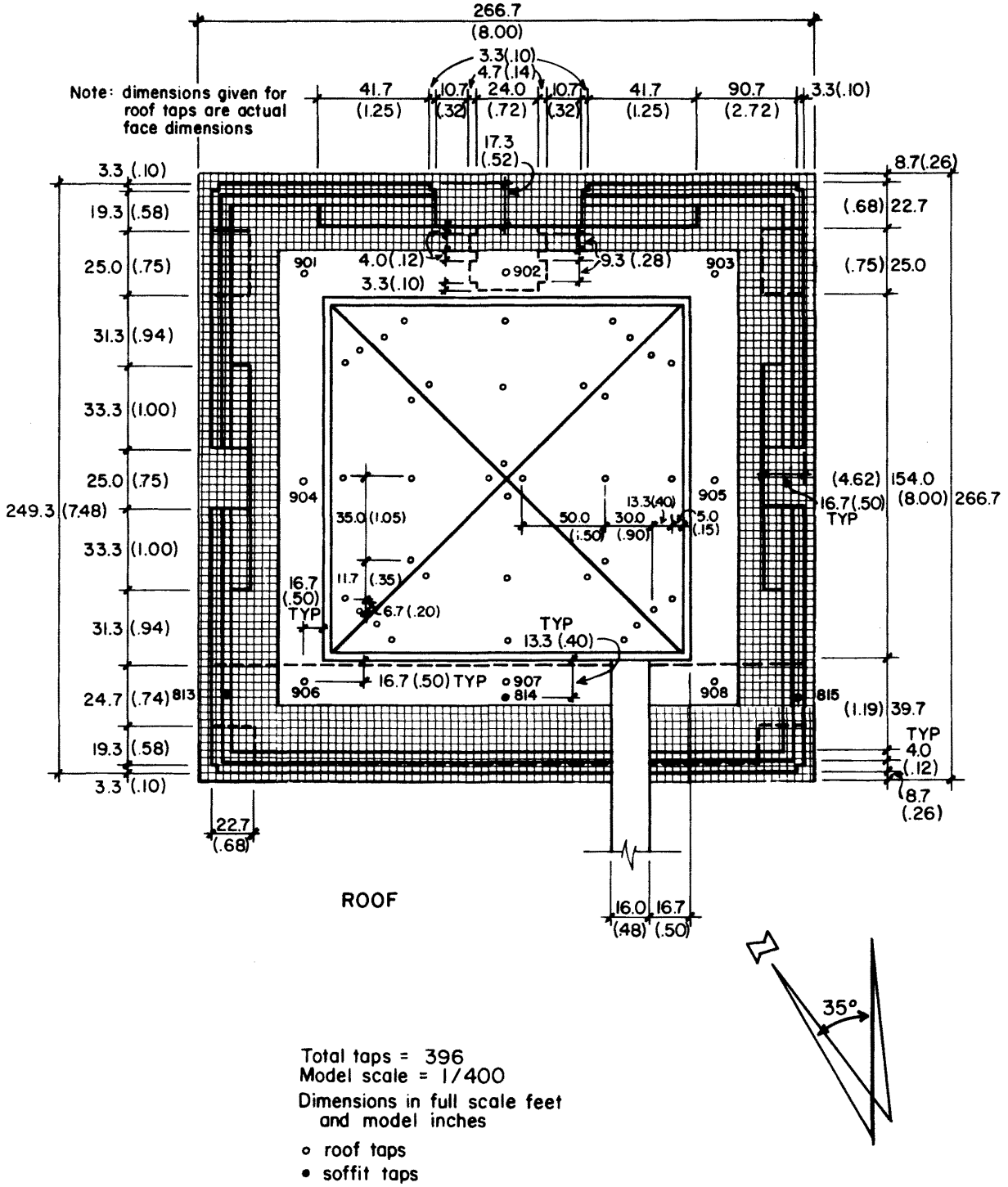


Figure 3a. Pressure Tap Locations

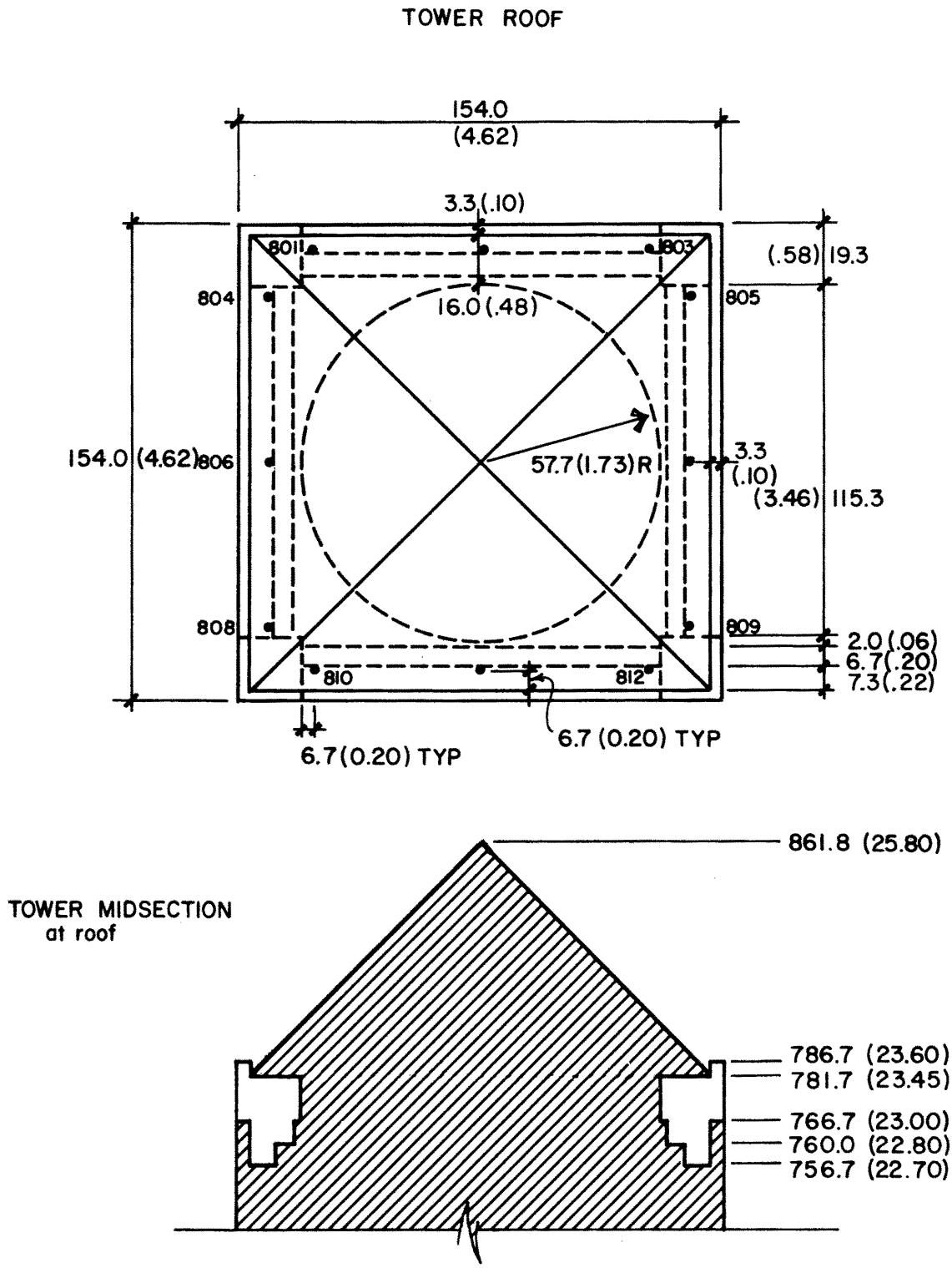


Figure 3b. Pressure Tap Locations

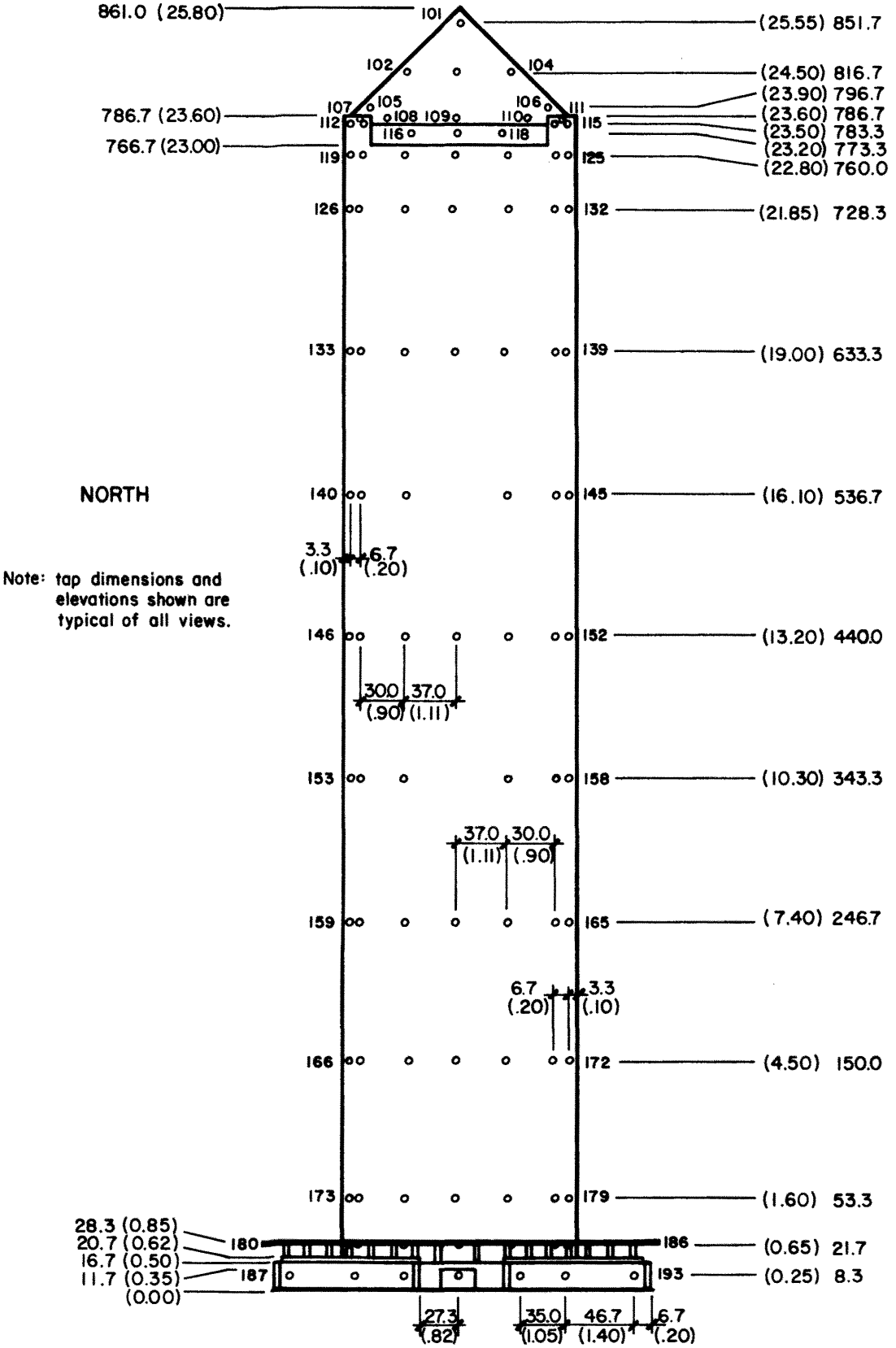


Figure 3c. Pressure Tap Locations

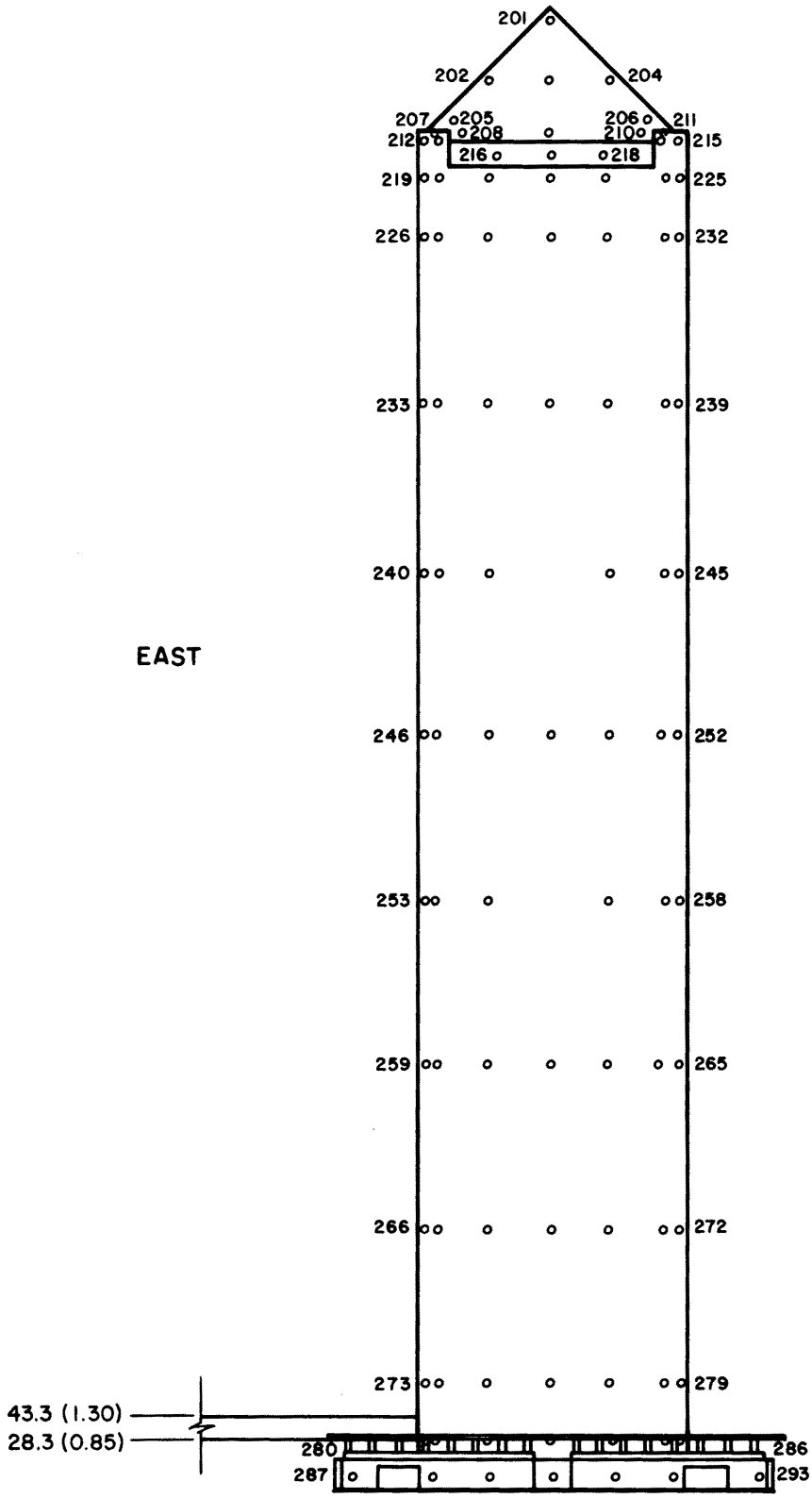


Figure 3d. Pressure Tap Locations

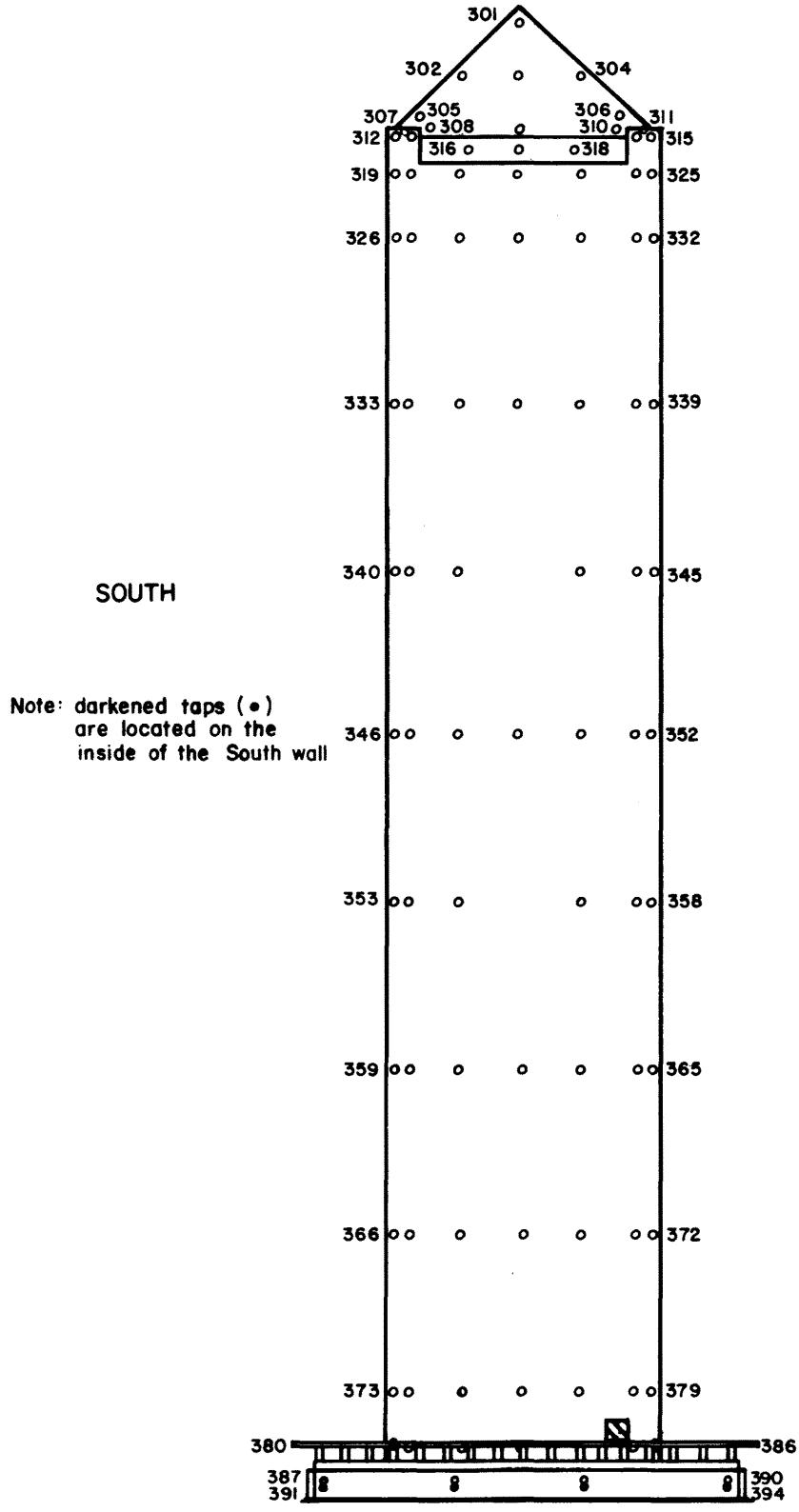


Figure 3e. Pressure Tap Locations

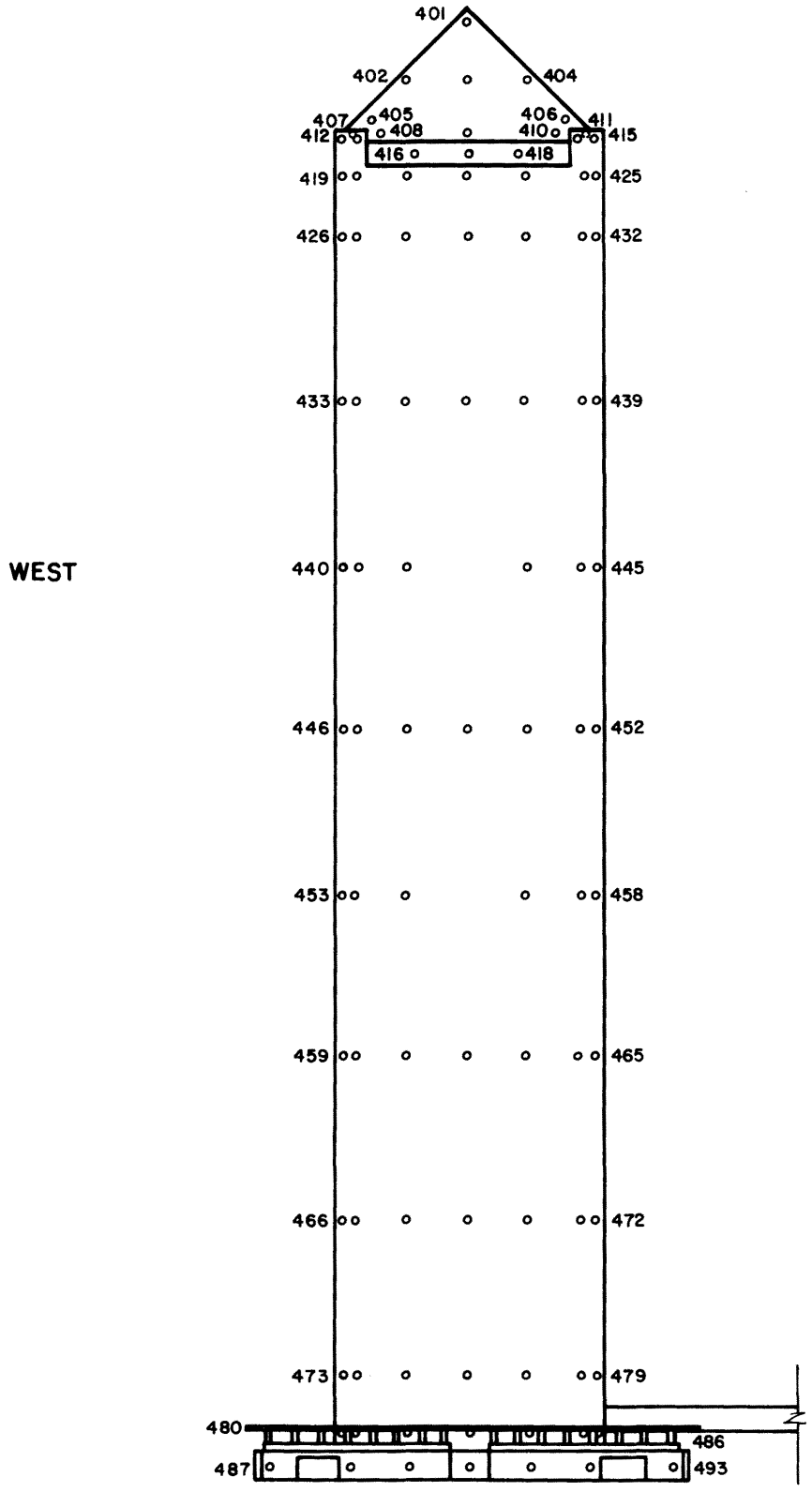


Figure 3f. Pressure Tap Locations

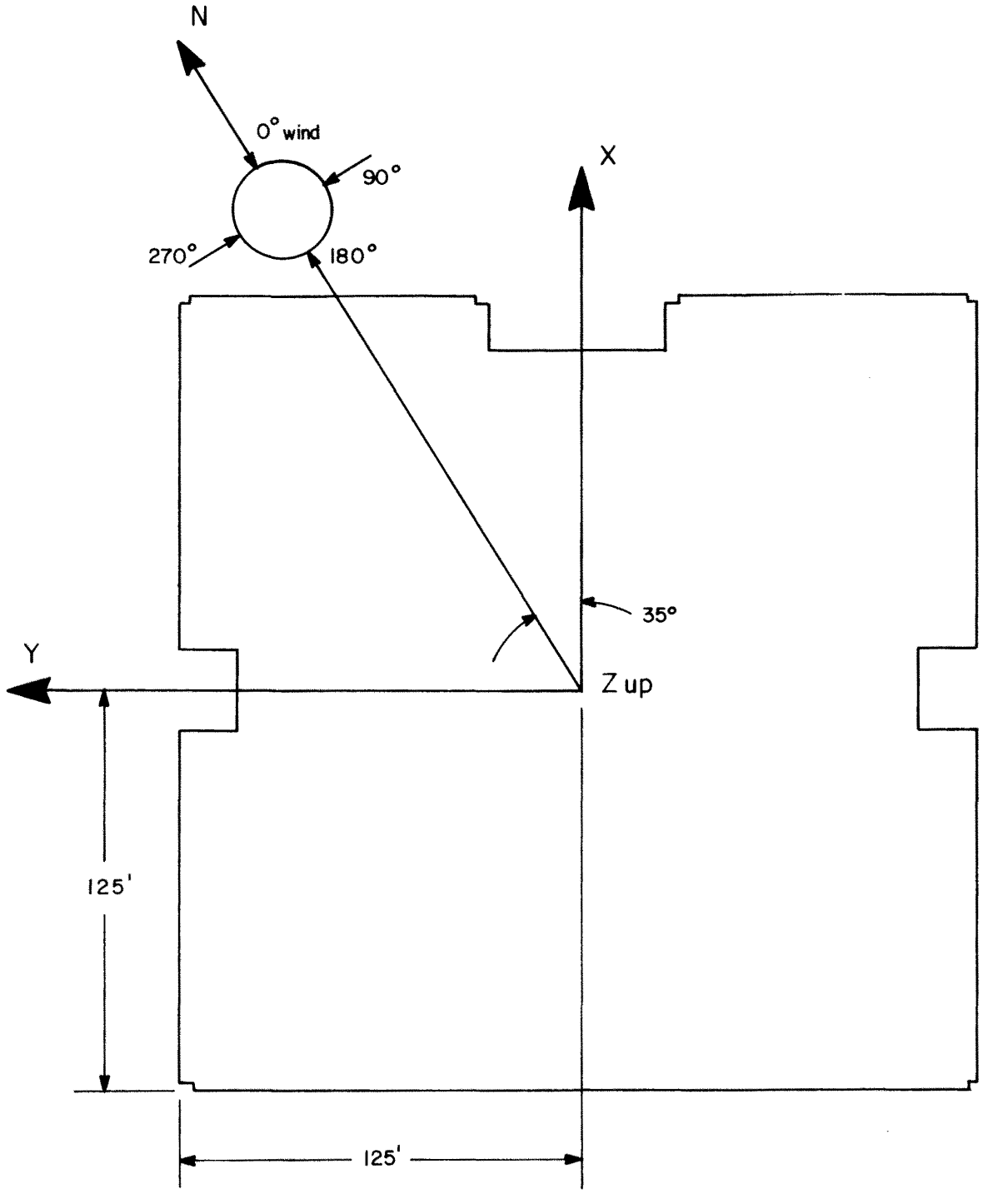


Figure 3g. Pressure Tap Locations

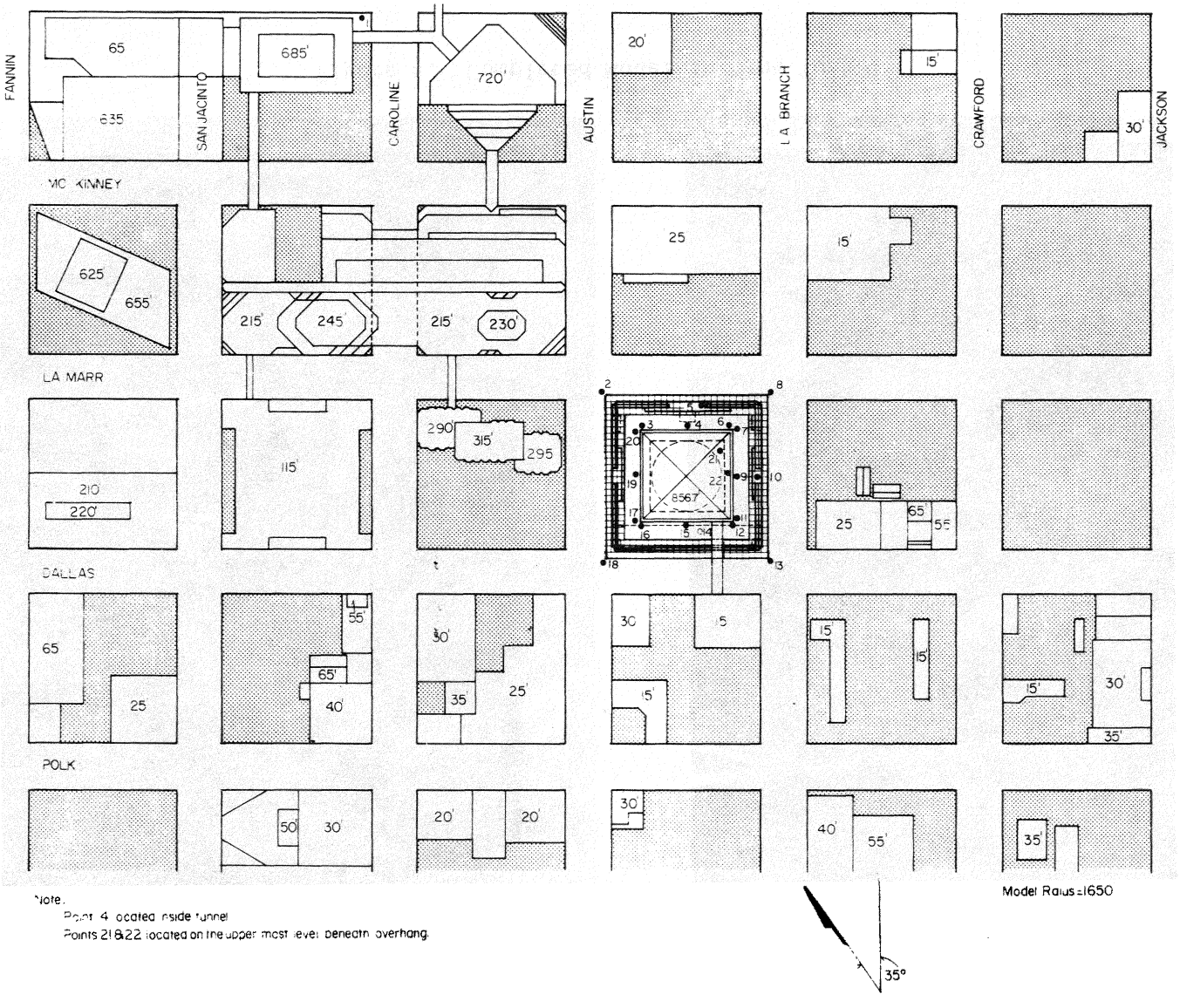


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

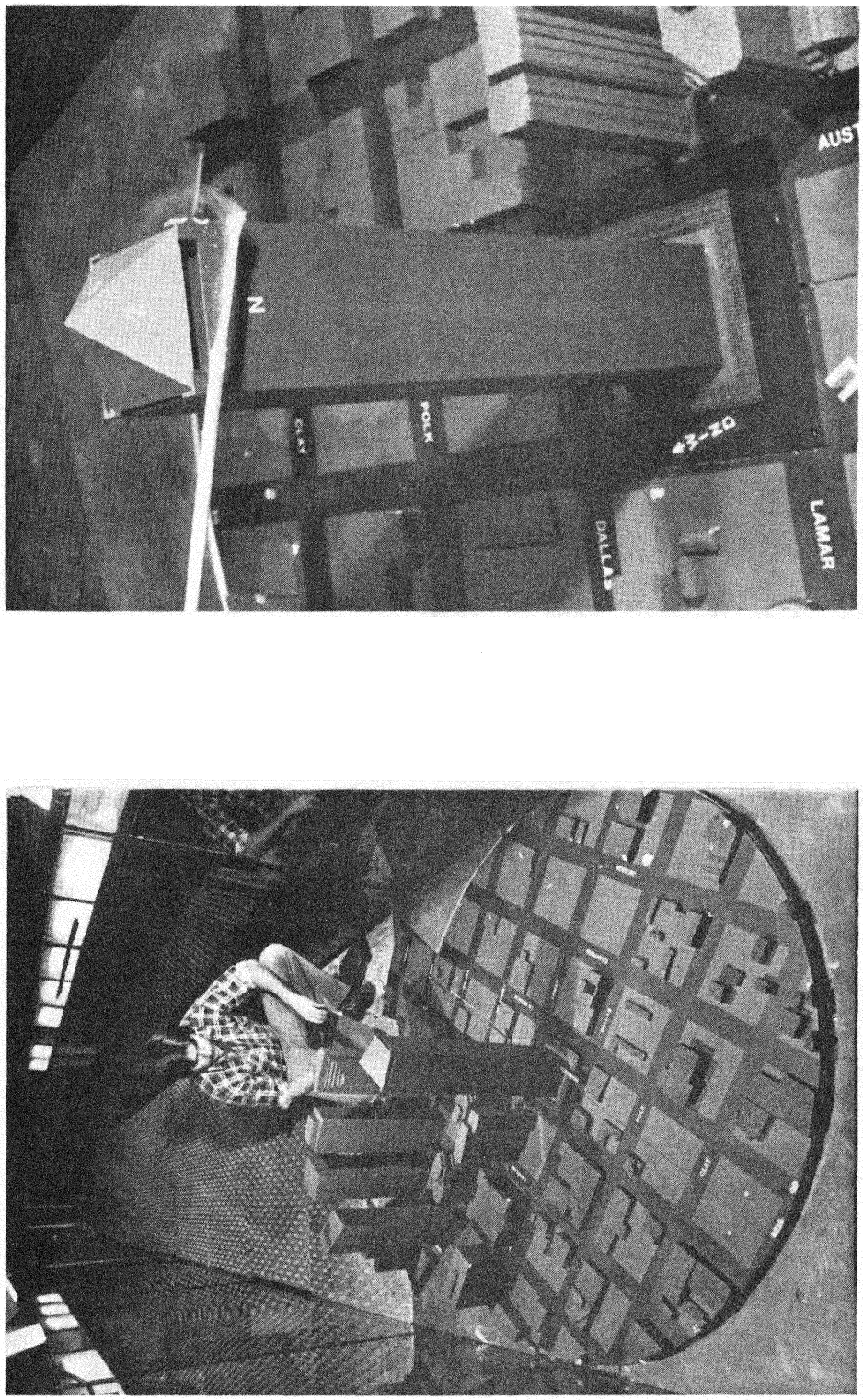


Figure 5. Completed Model in Wind Tunnel

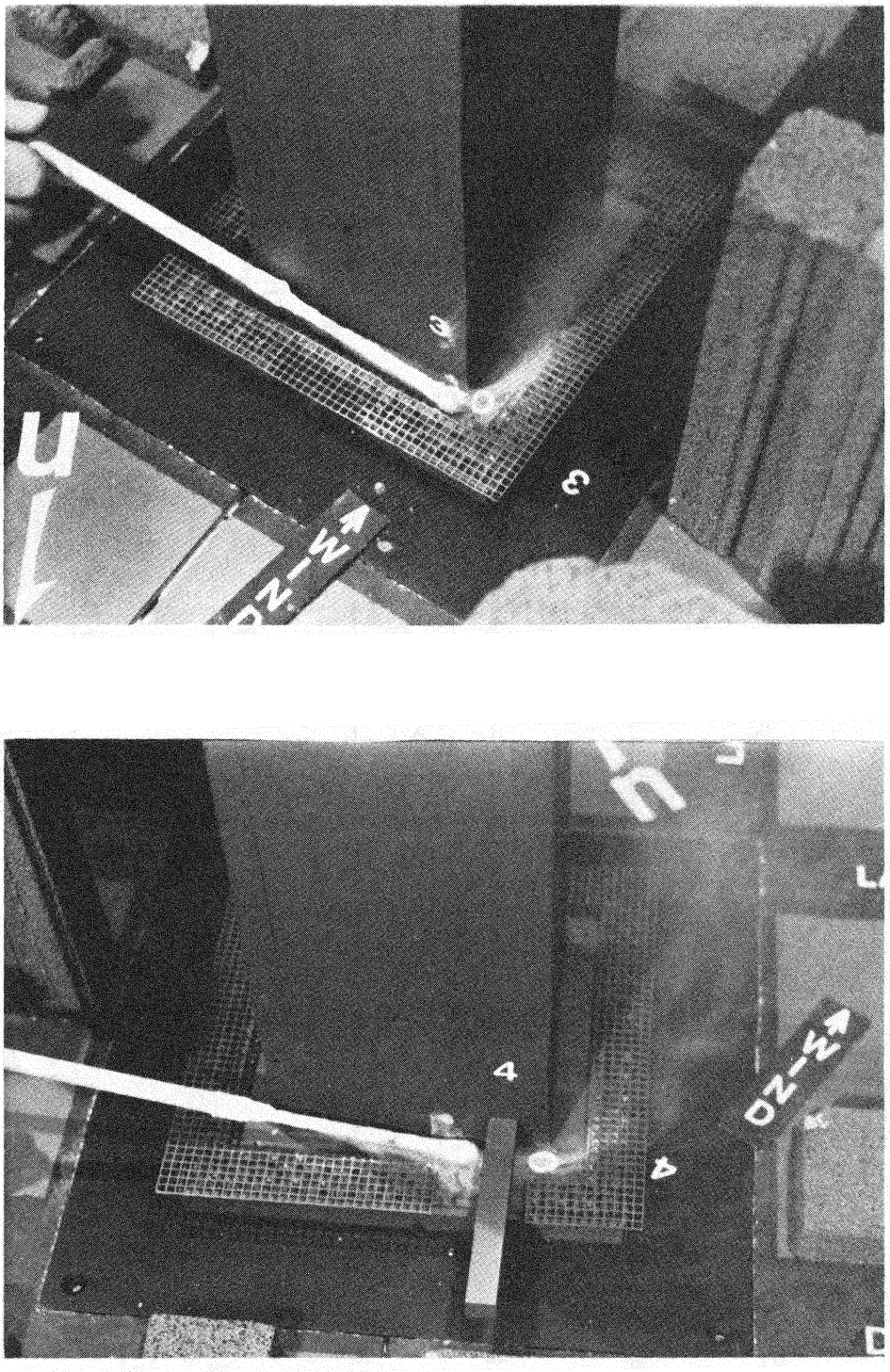


Figure 5. Completed Model in Wind Tunnel

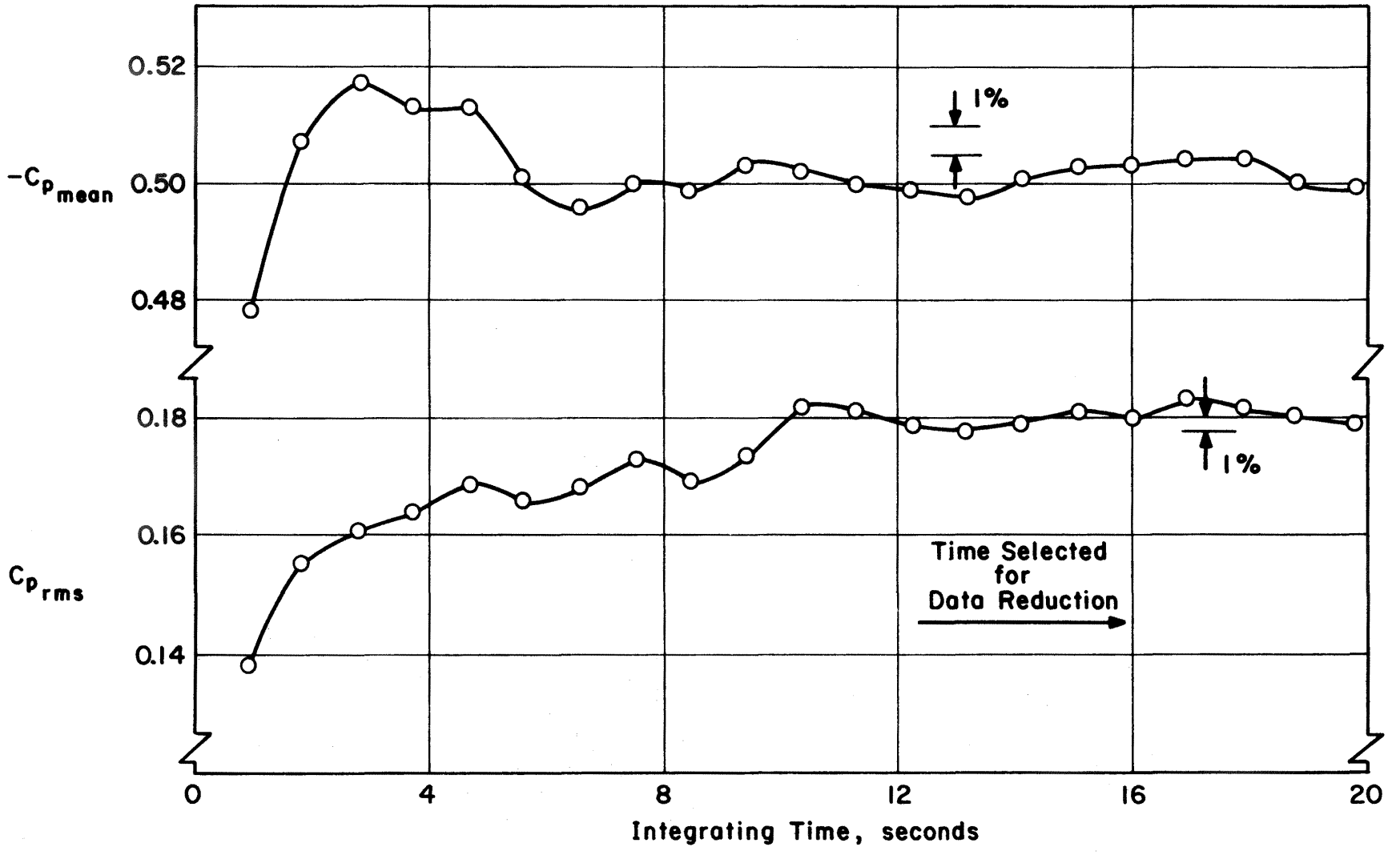


Figure 6. Data Sampling Time Verification

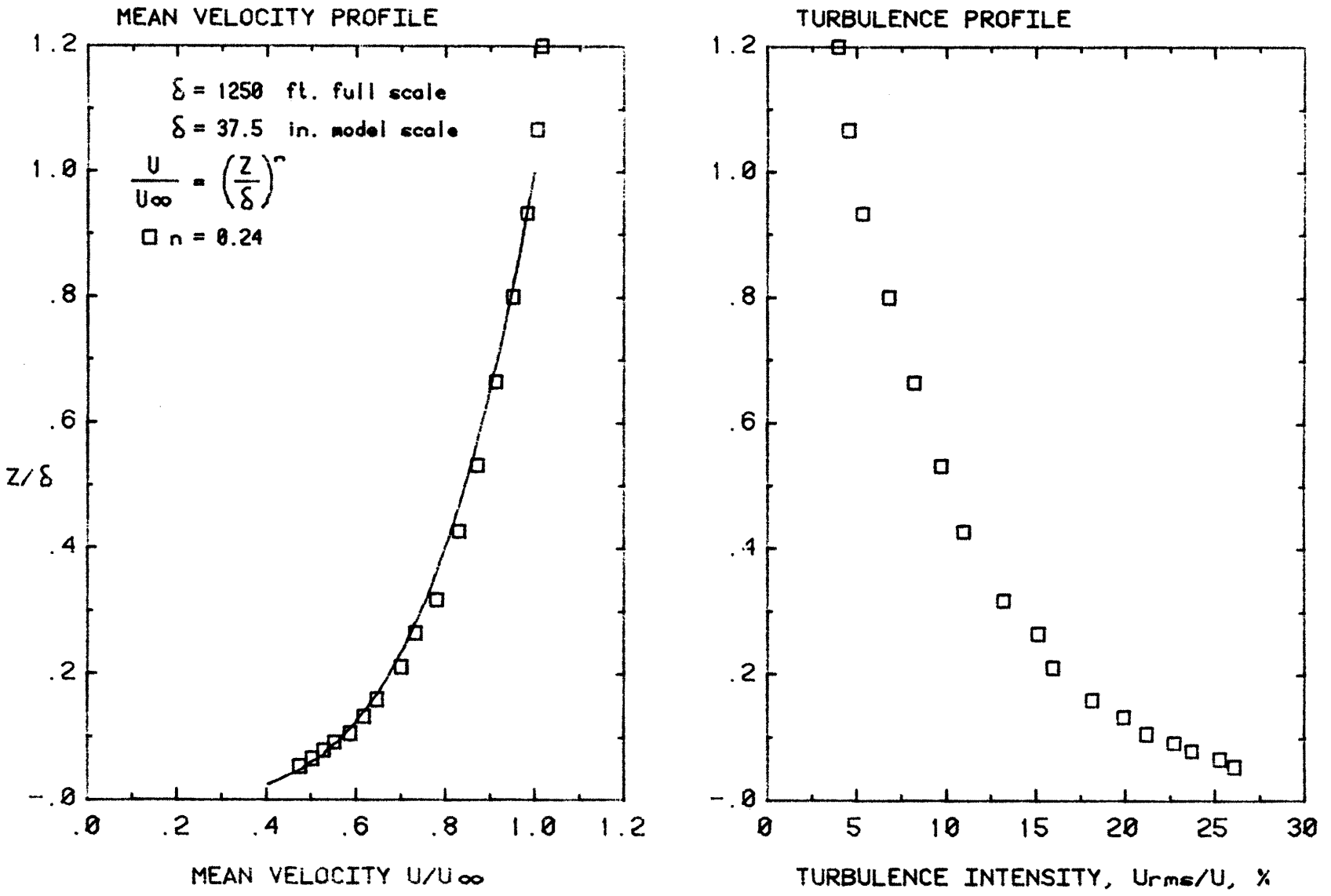


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

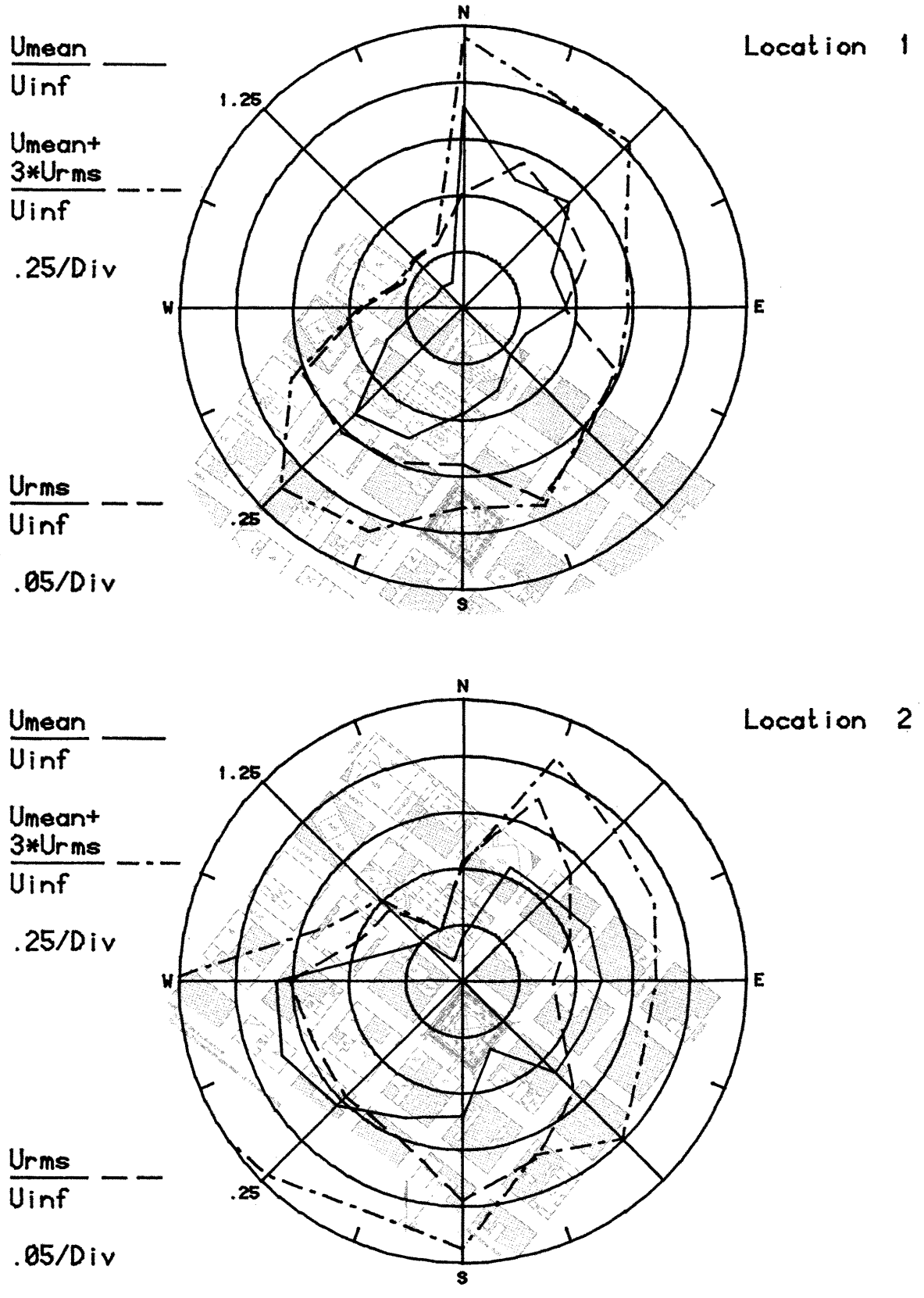


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

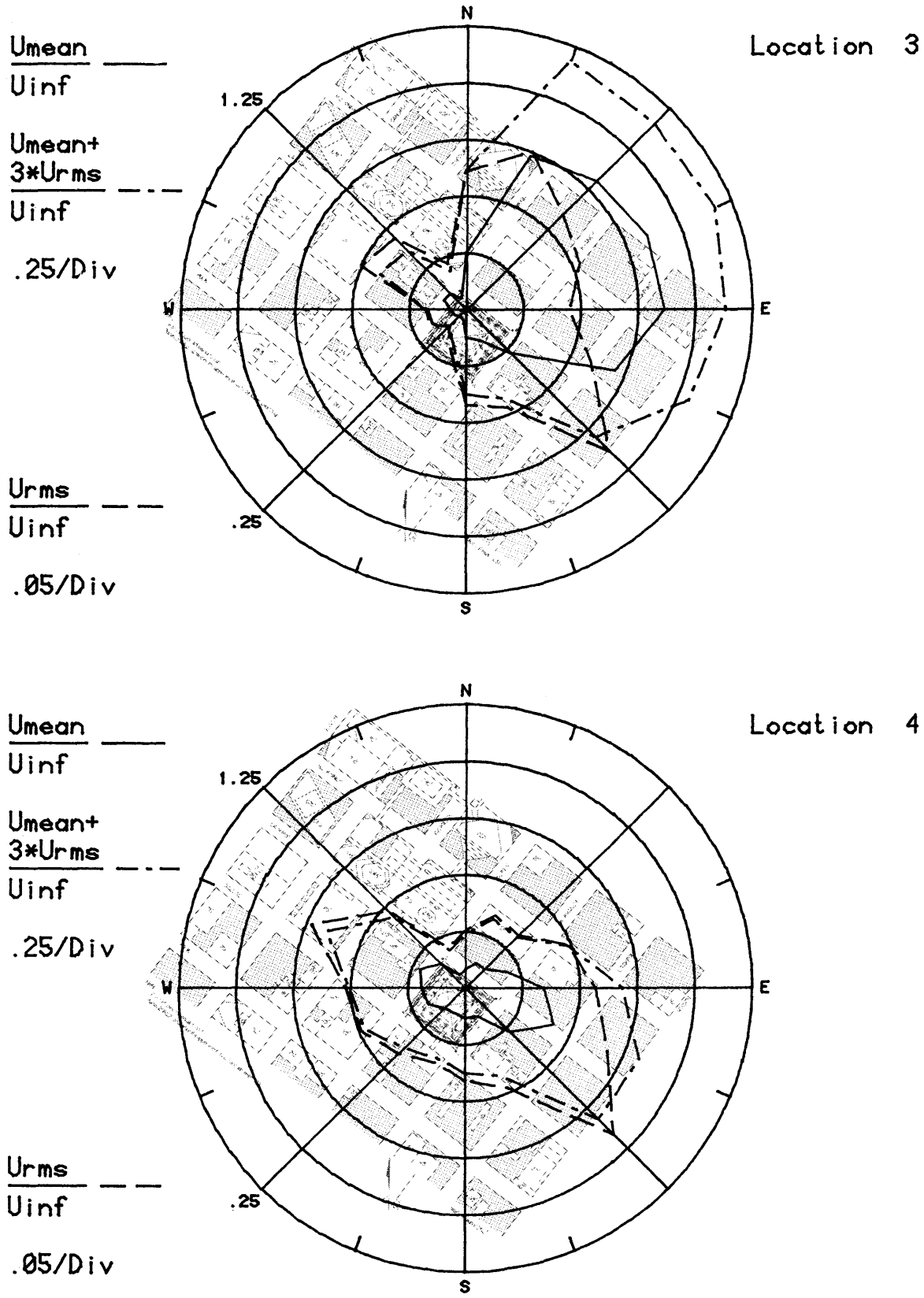


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

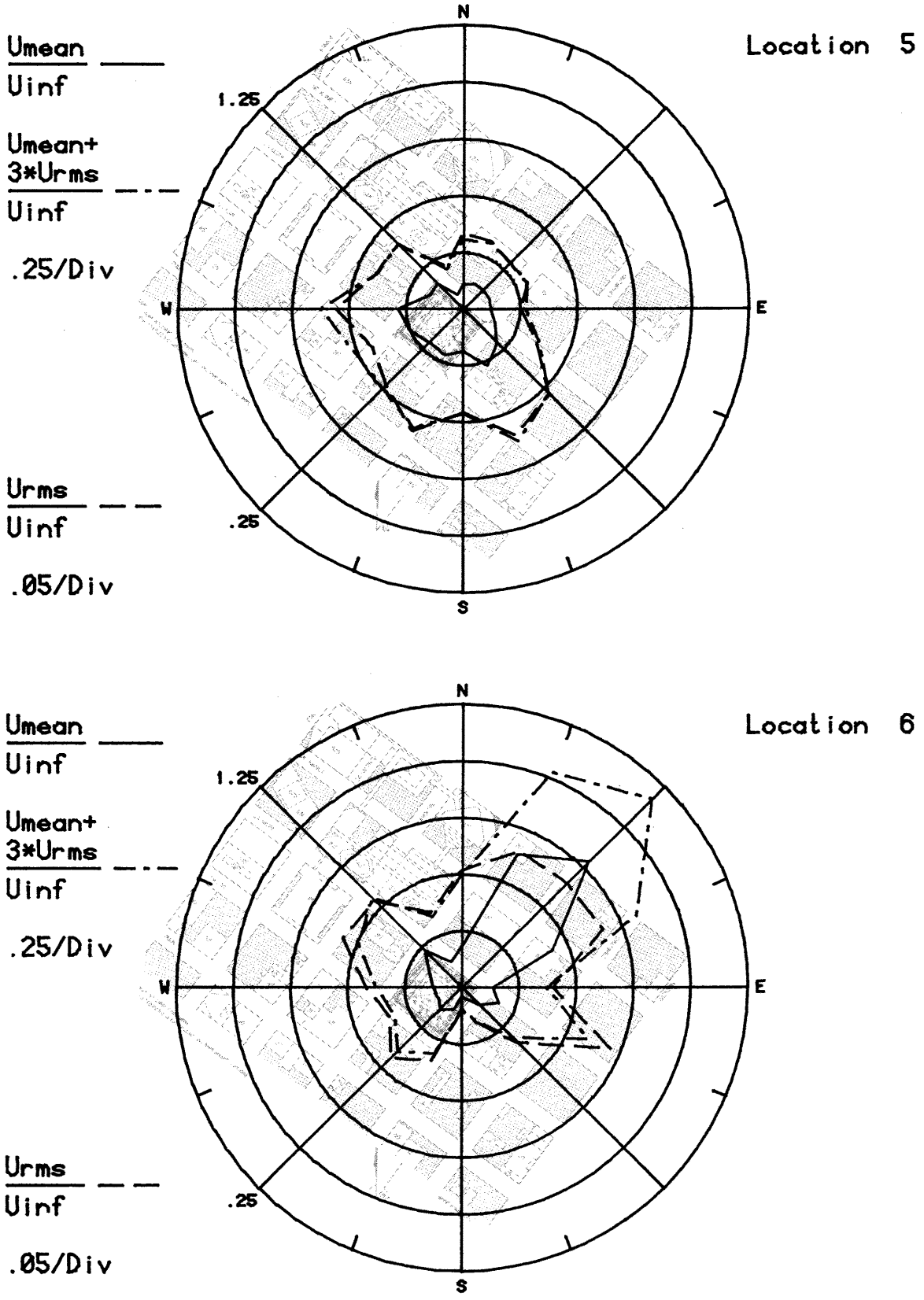


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

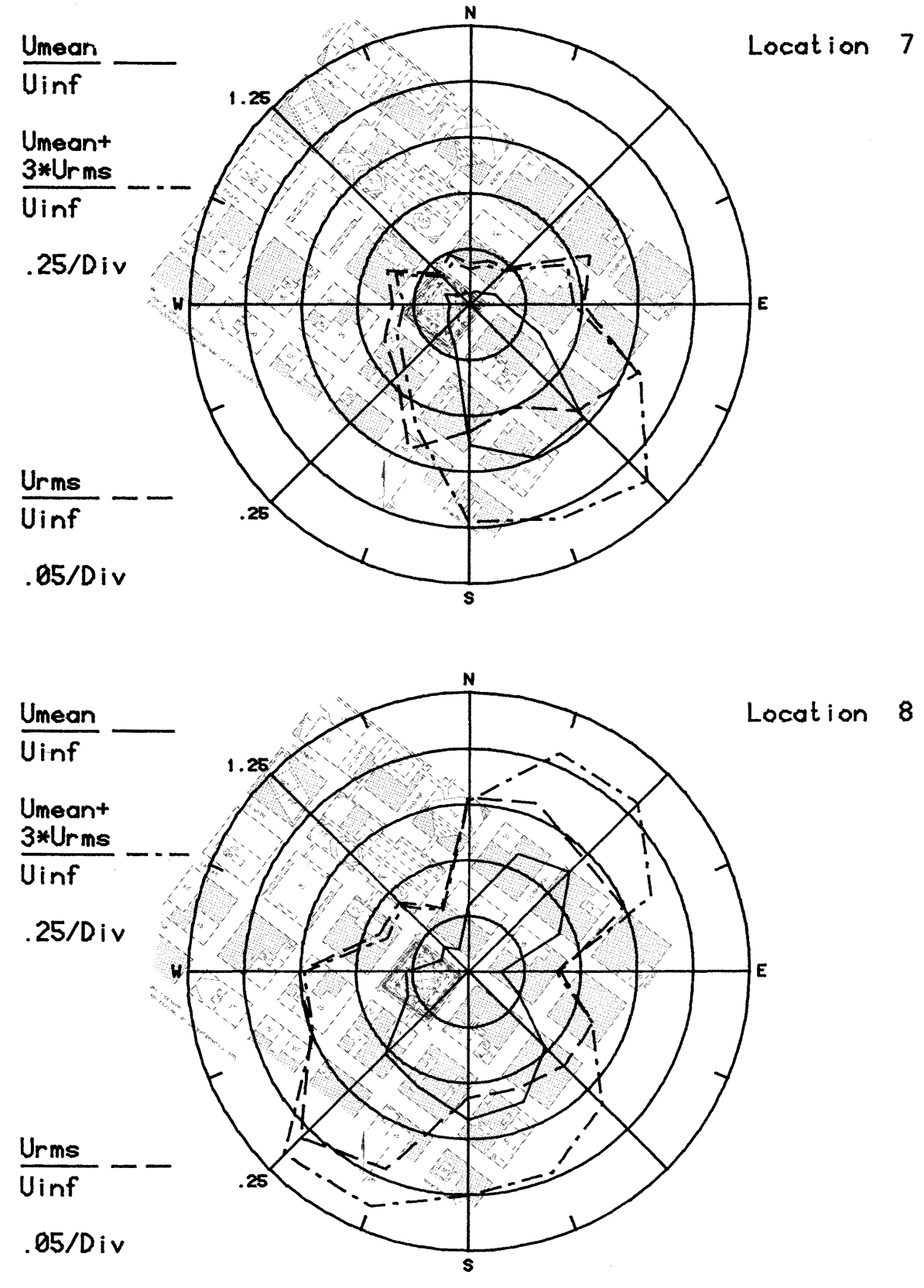


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

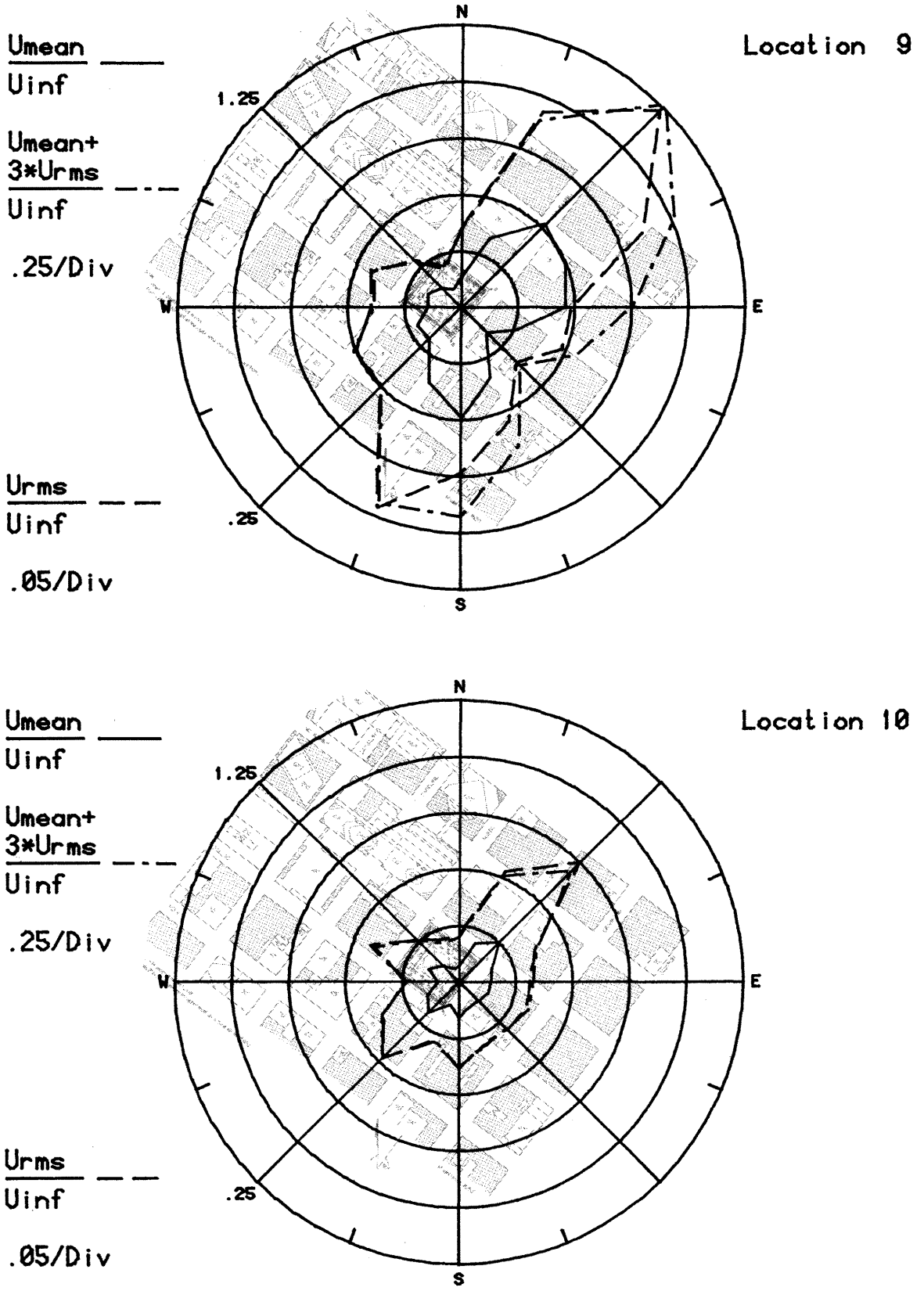


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

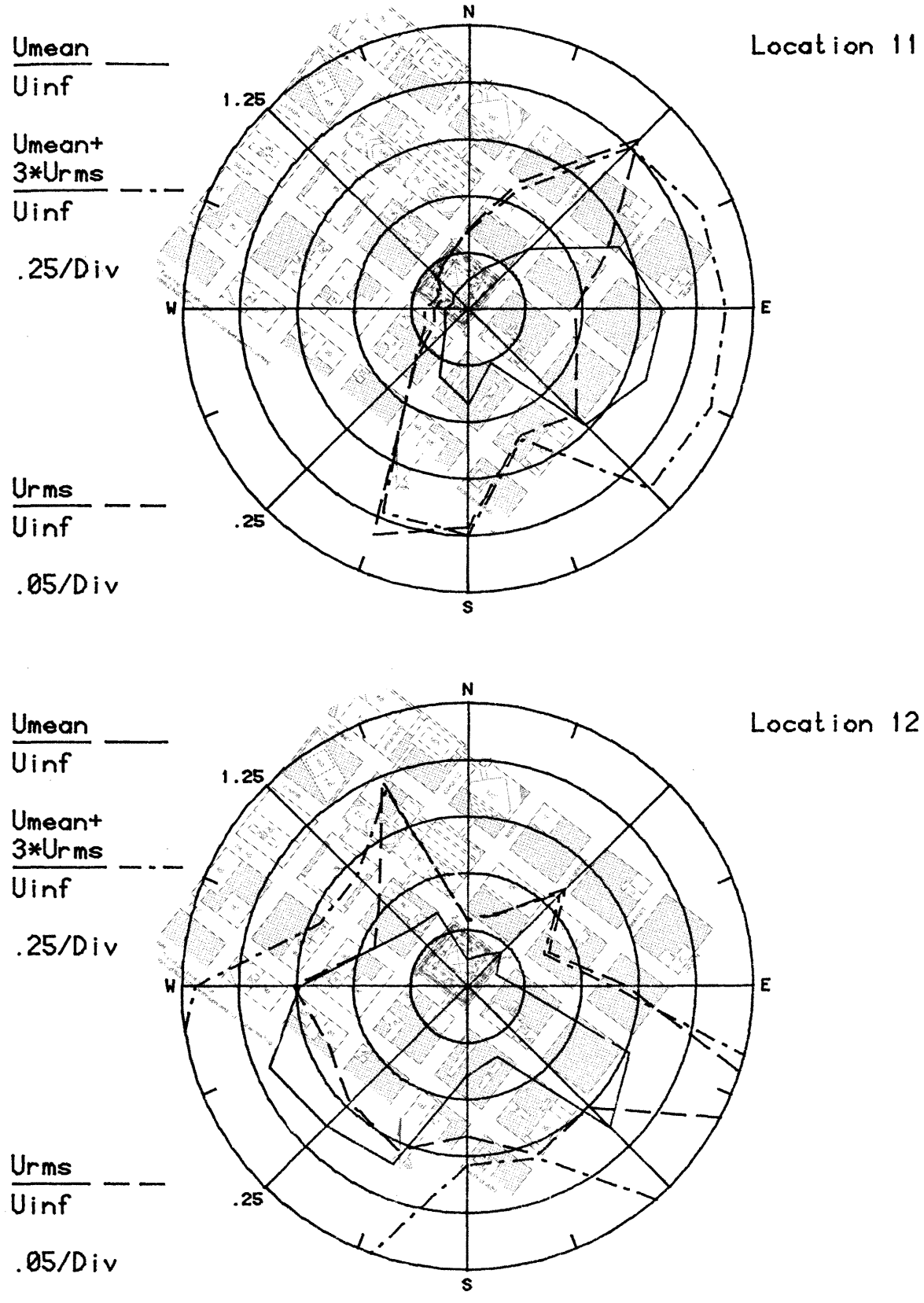


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

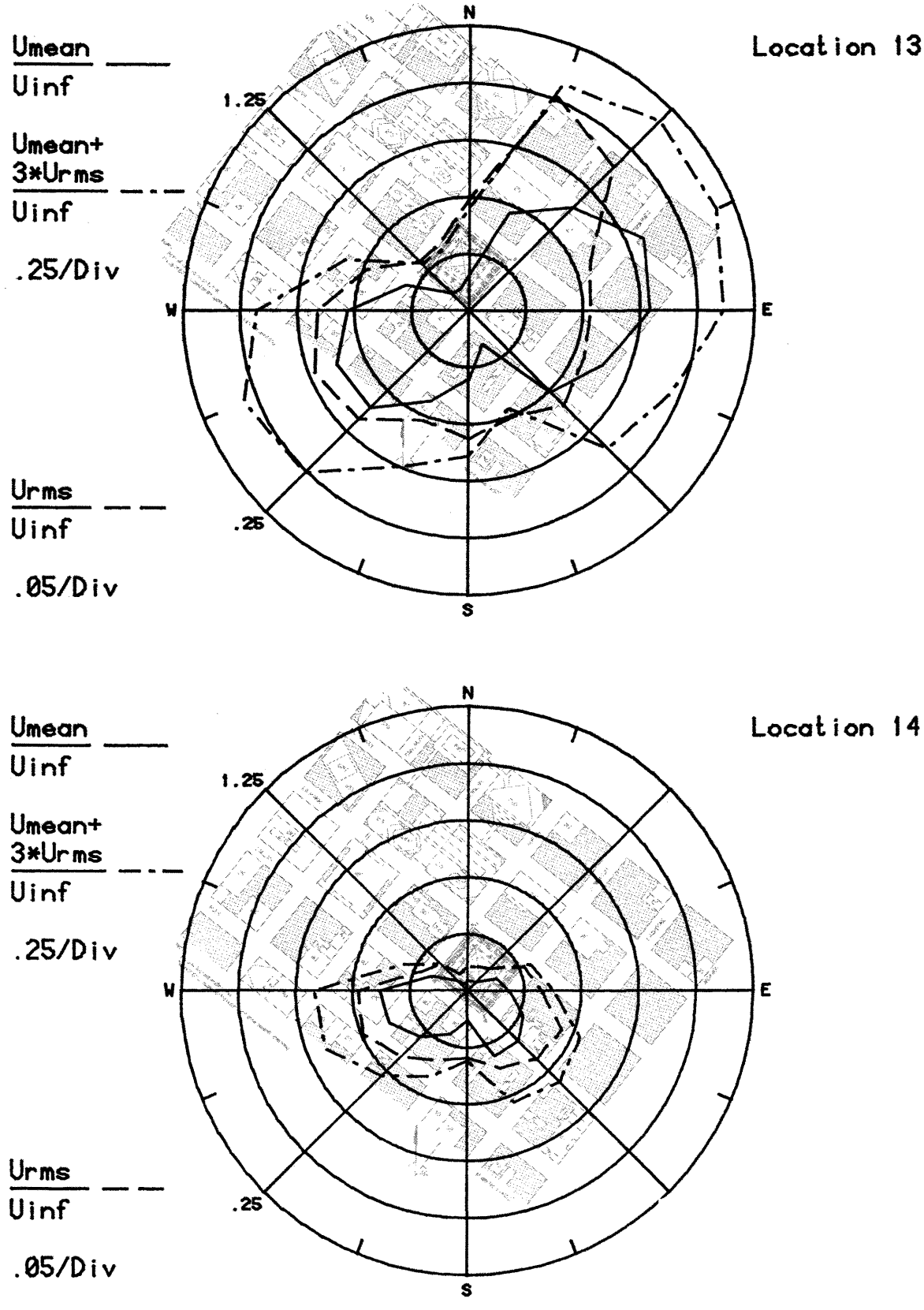


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

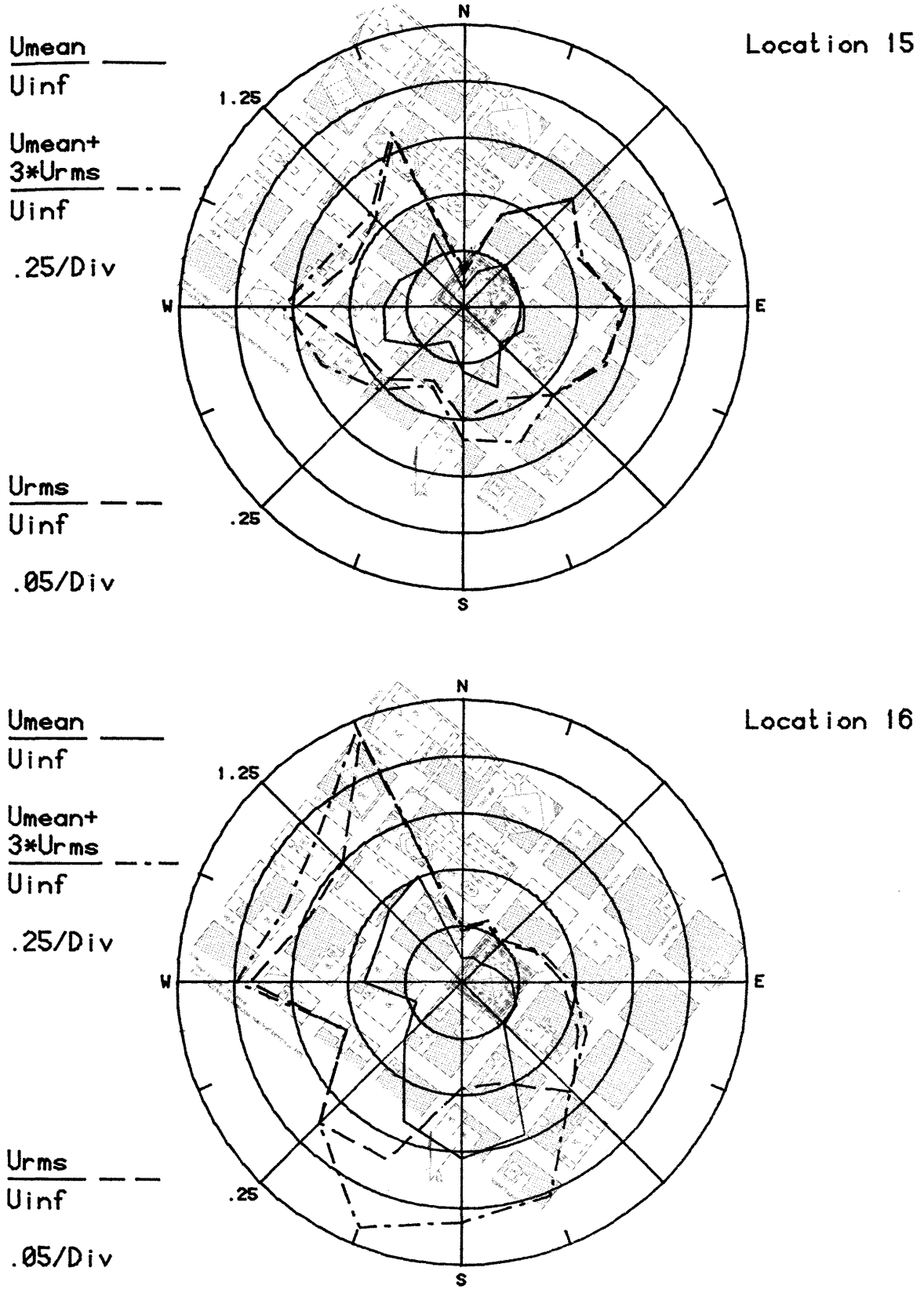


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

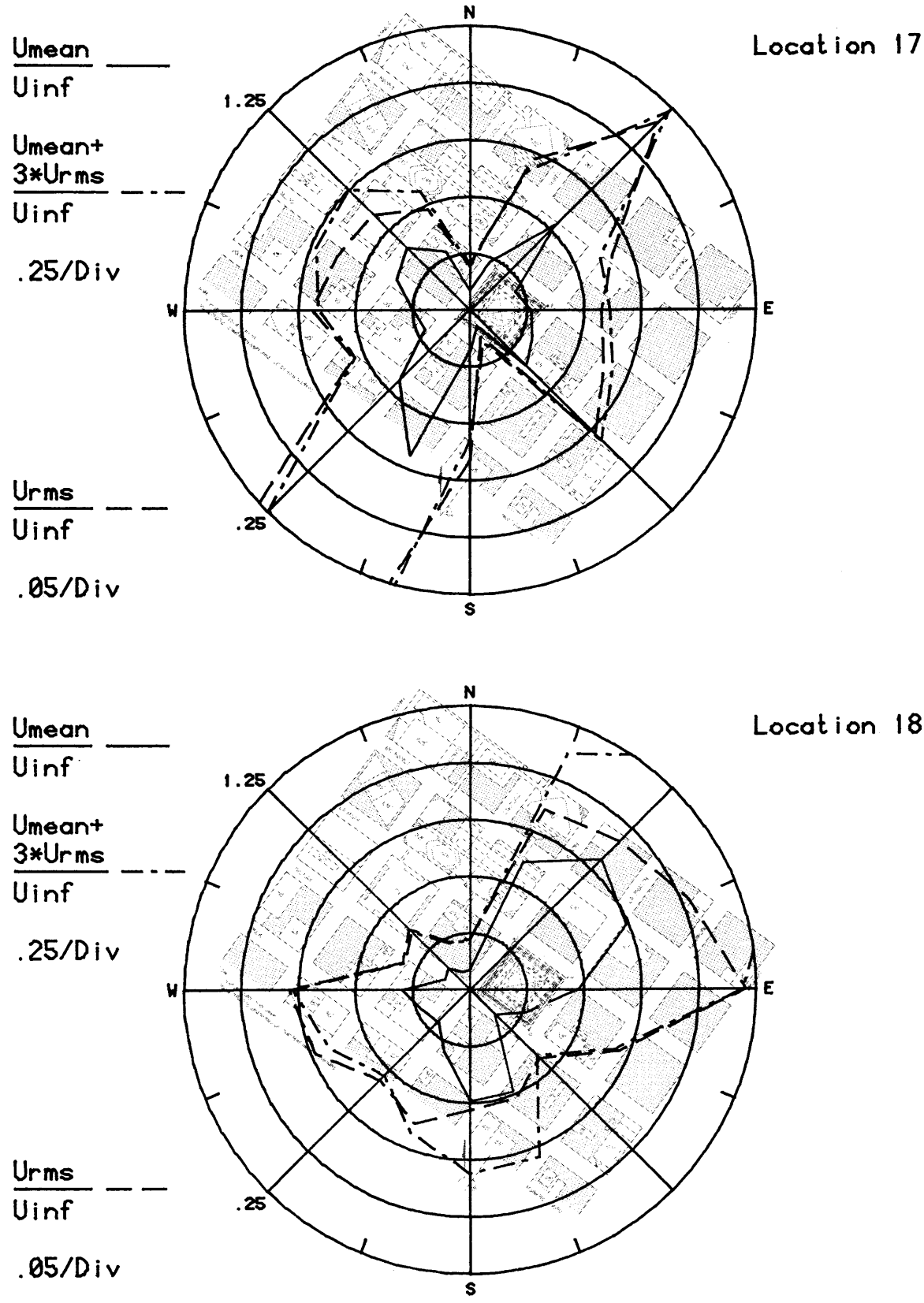


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

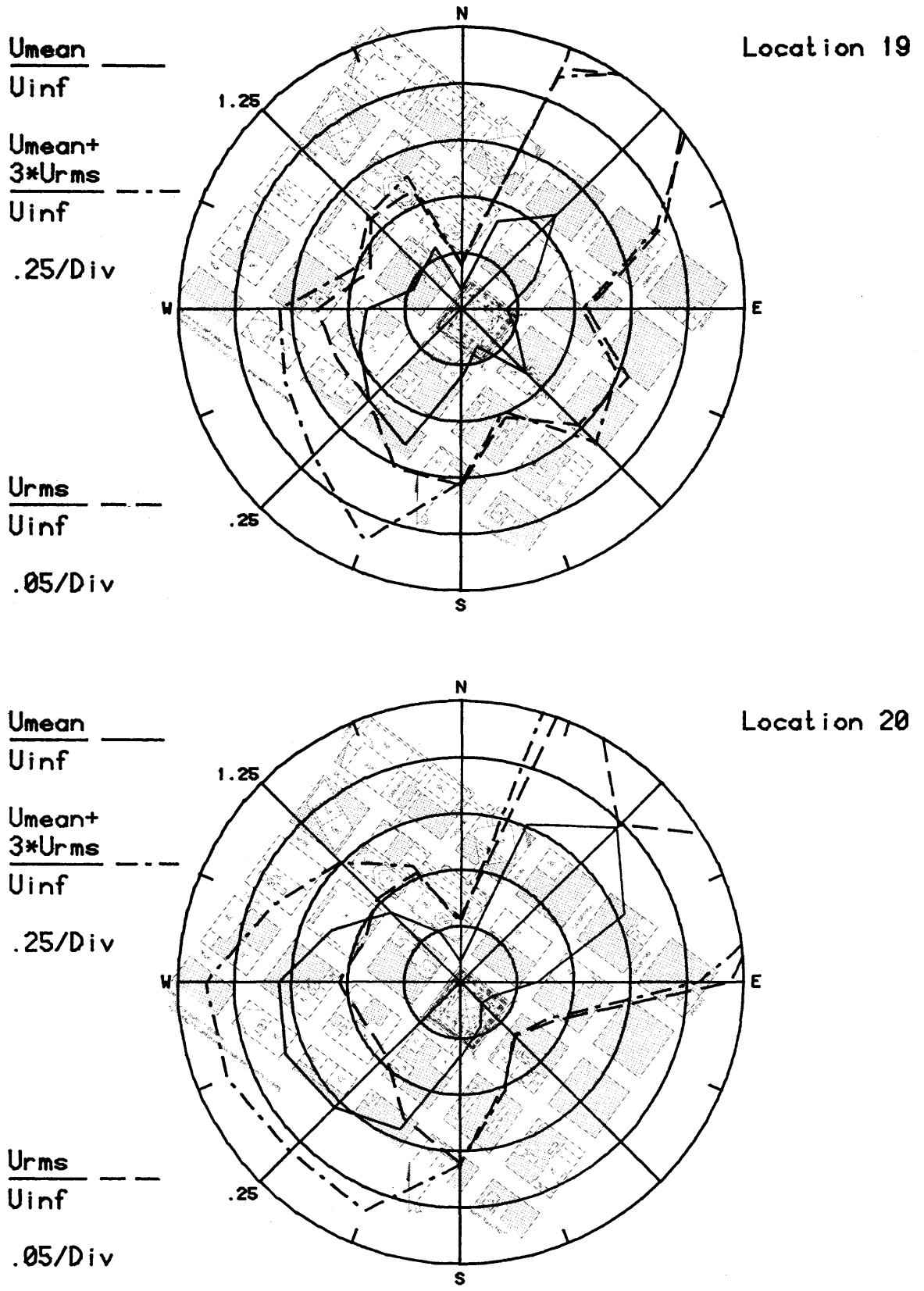


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Locations 19 and 20

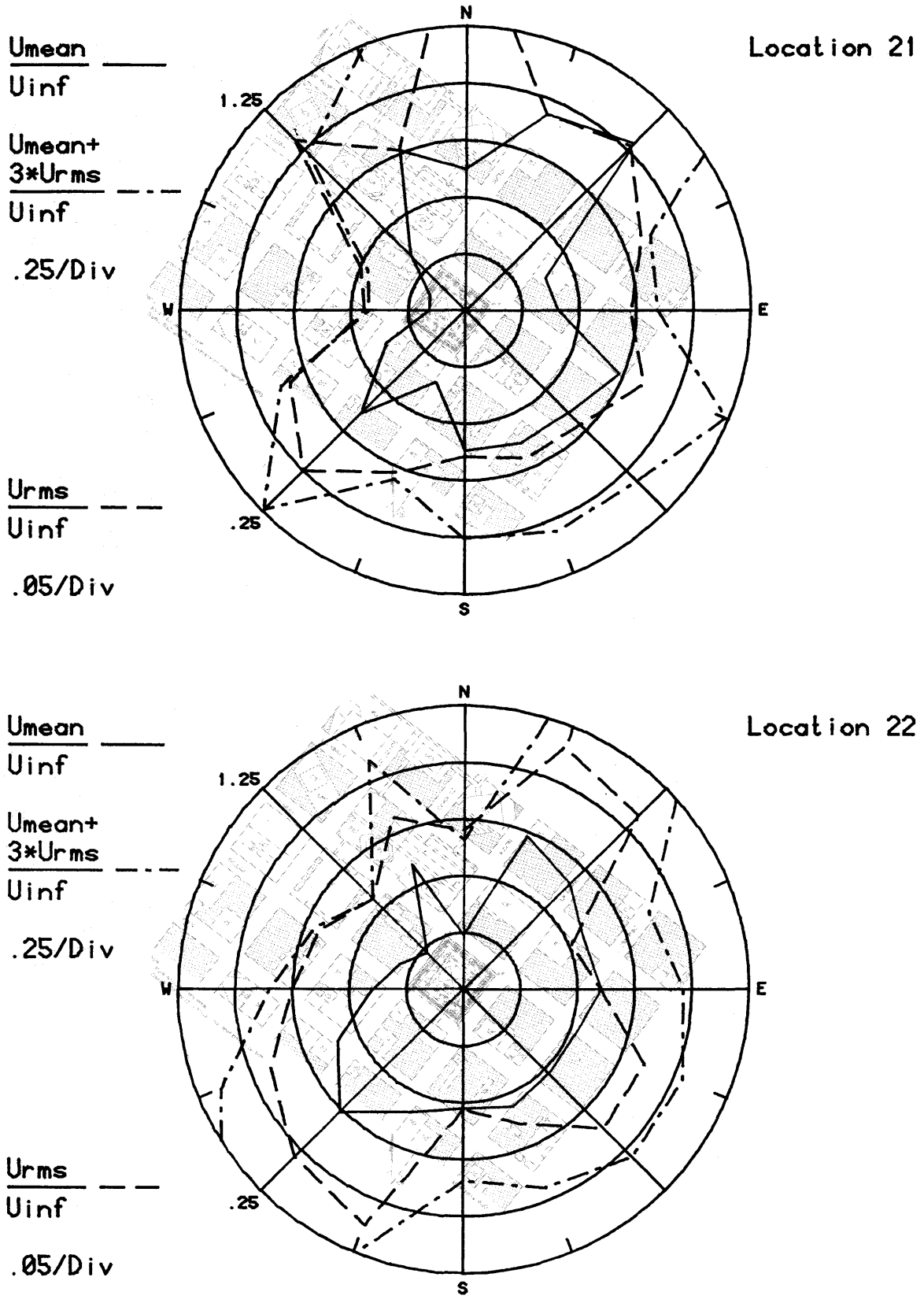
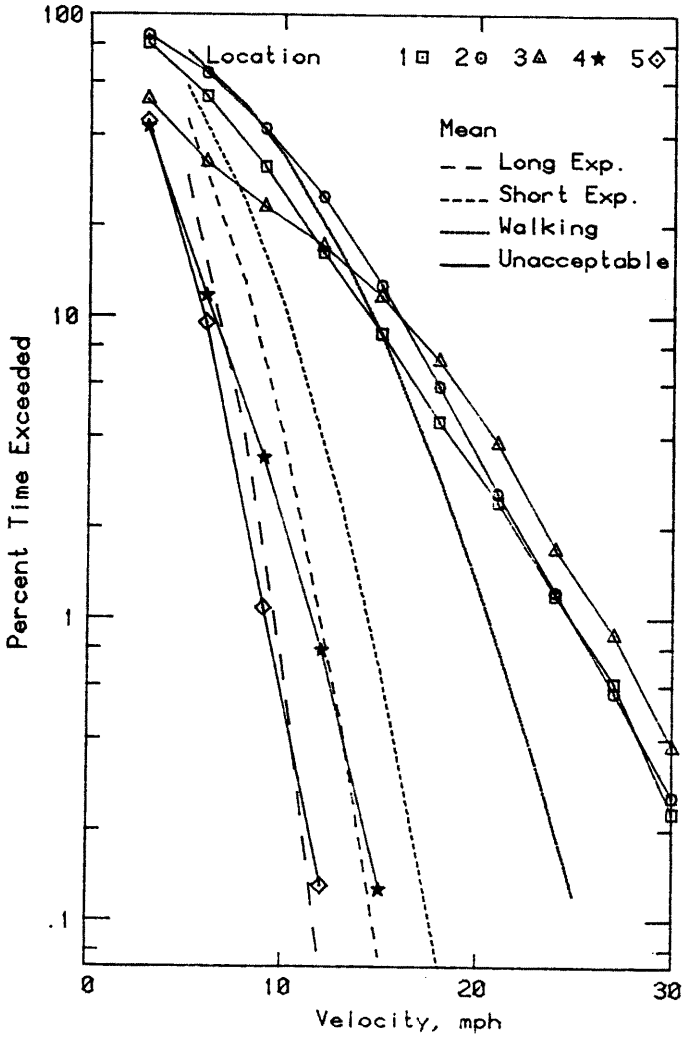


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22



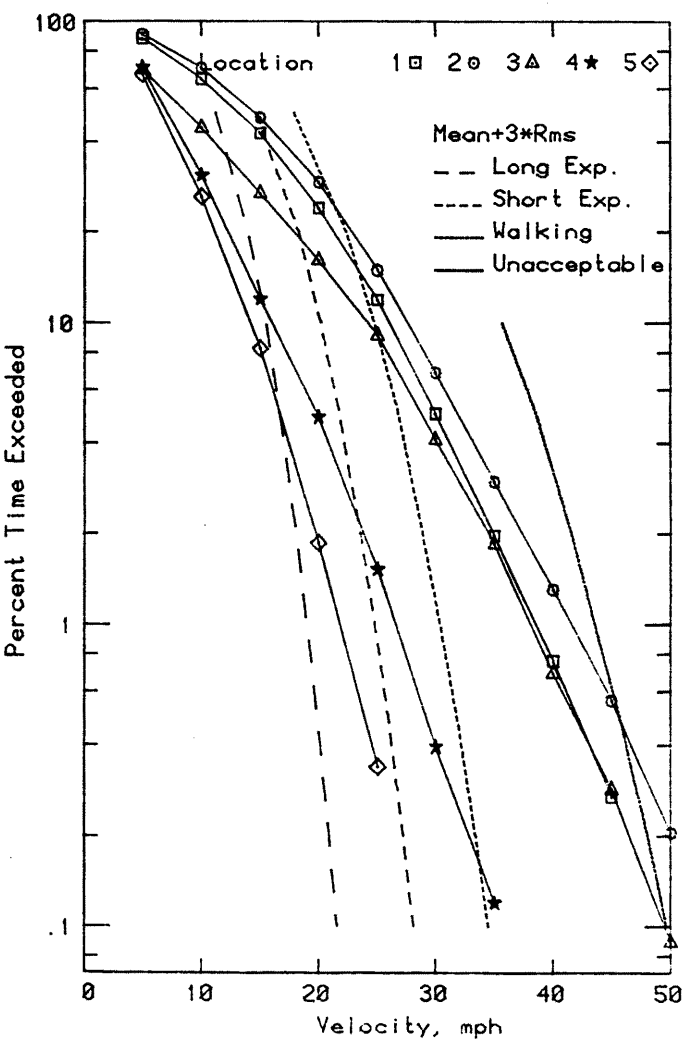


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

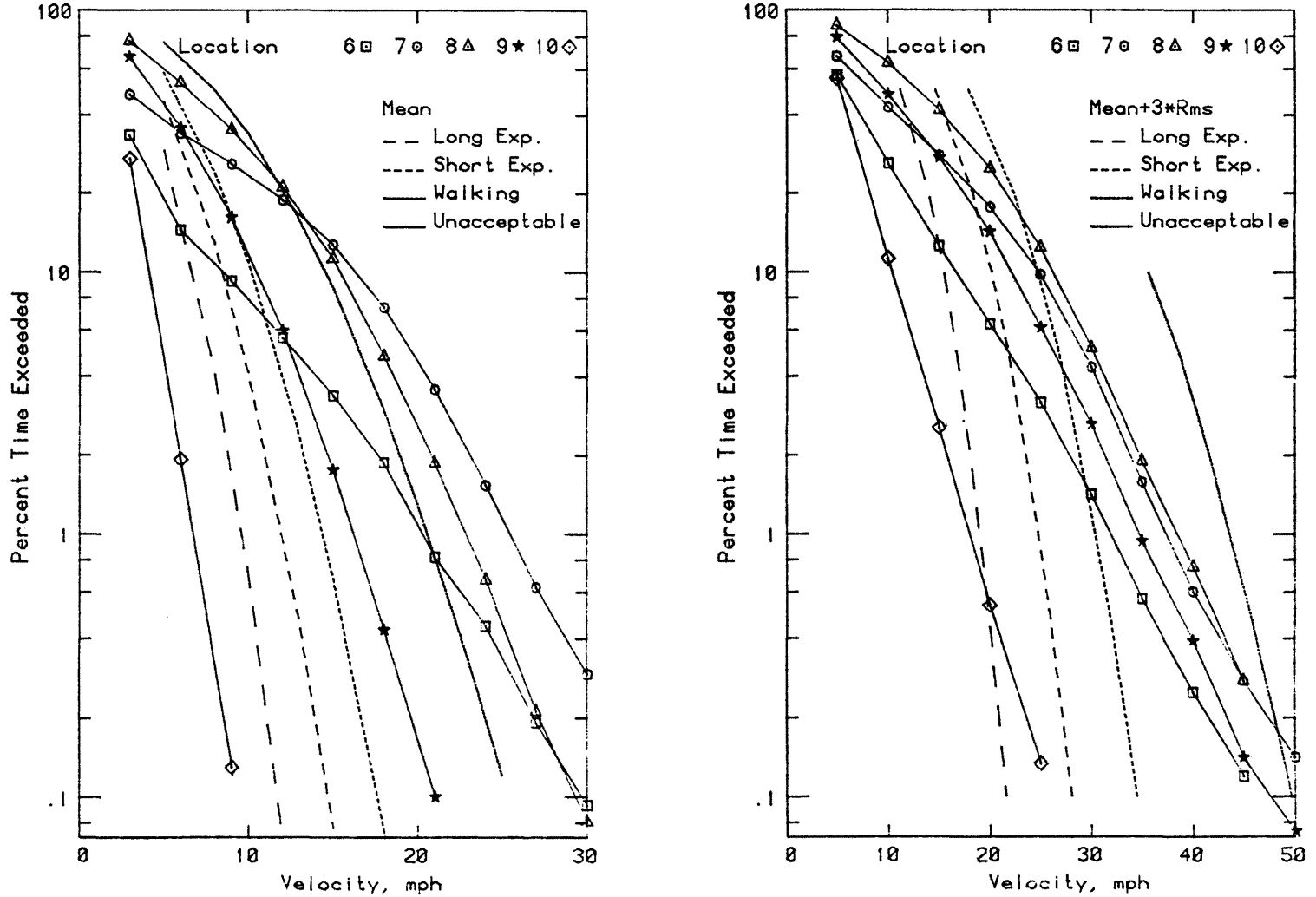


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

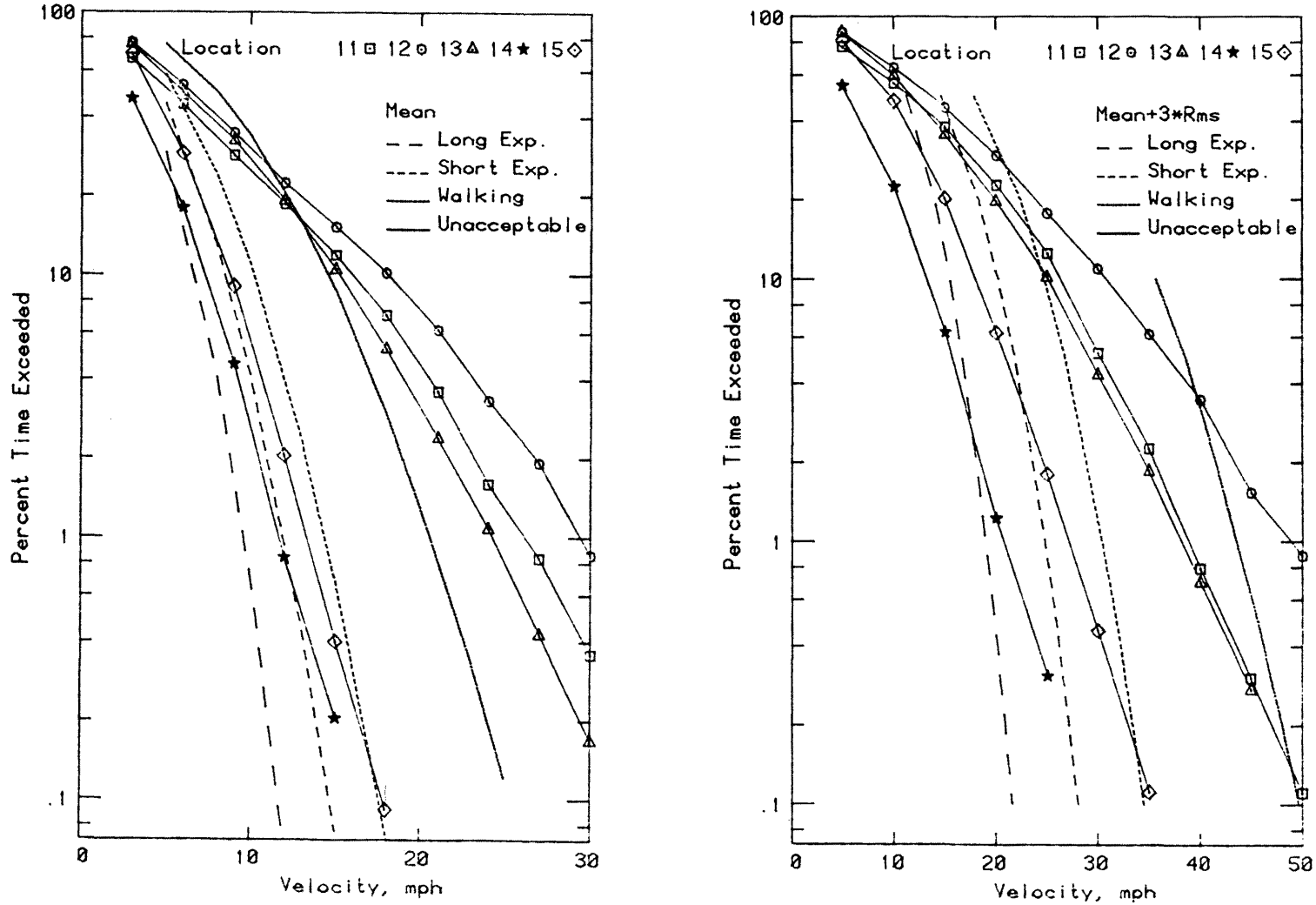


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

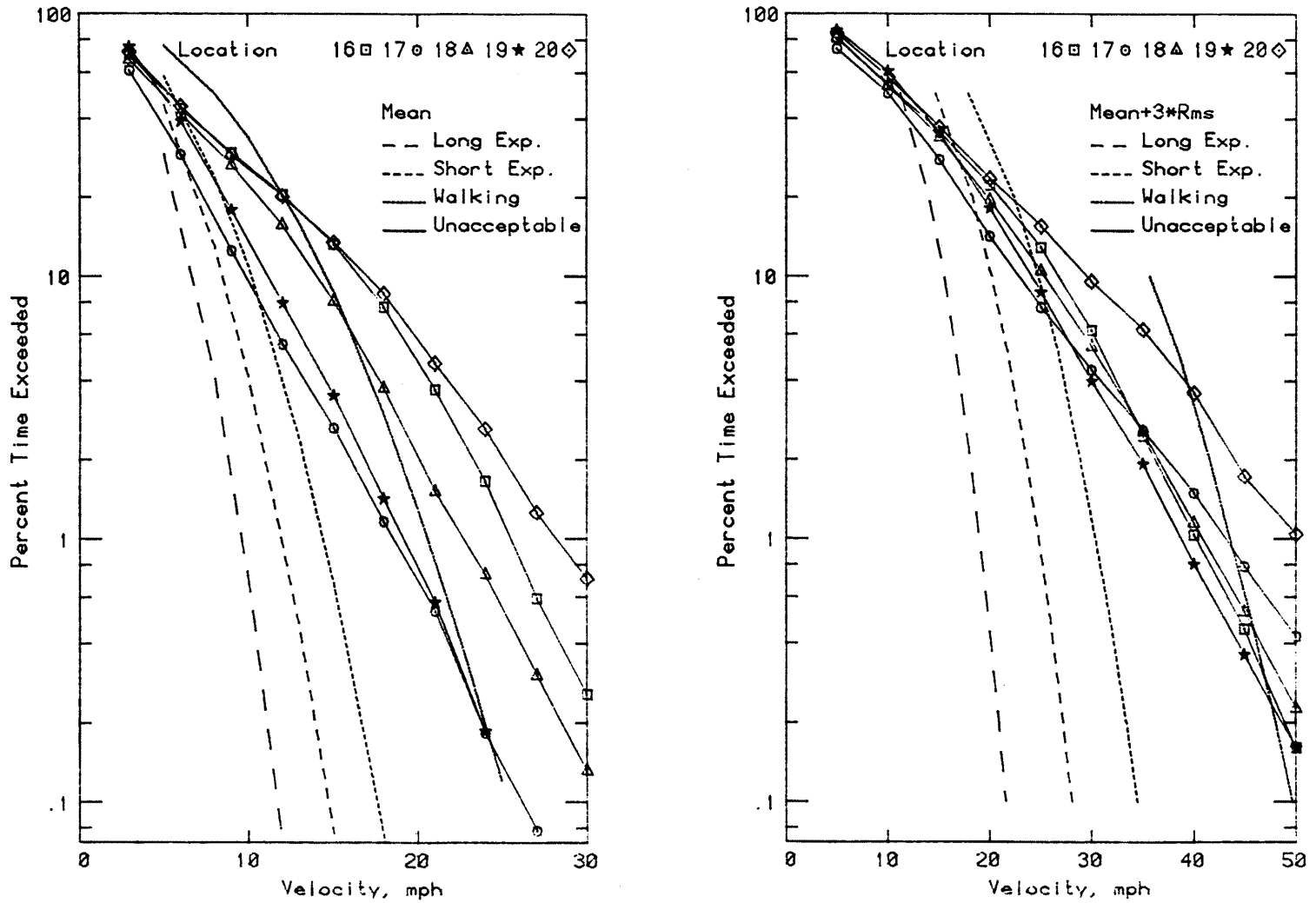


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

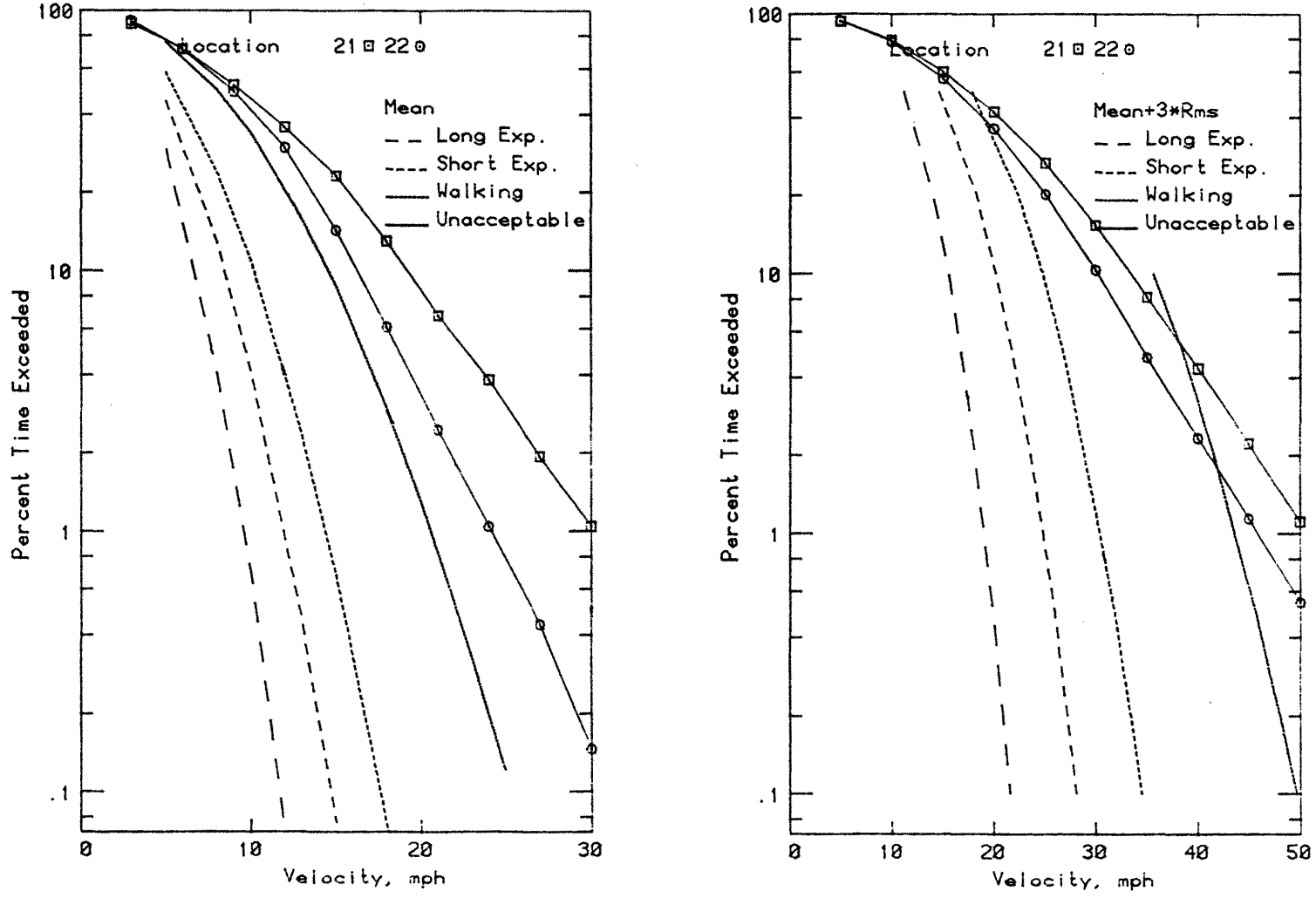


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

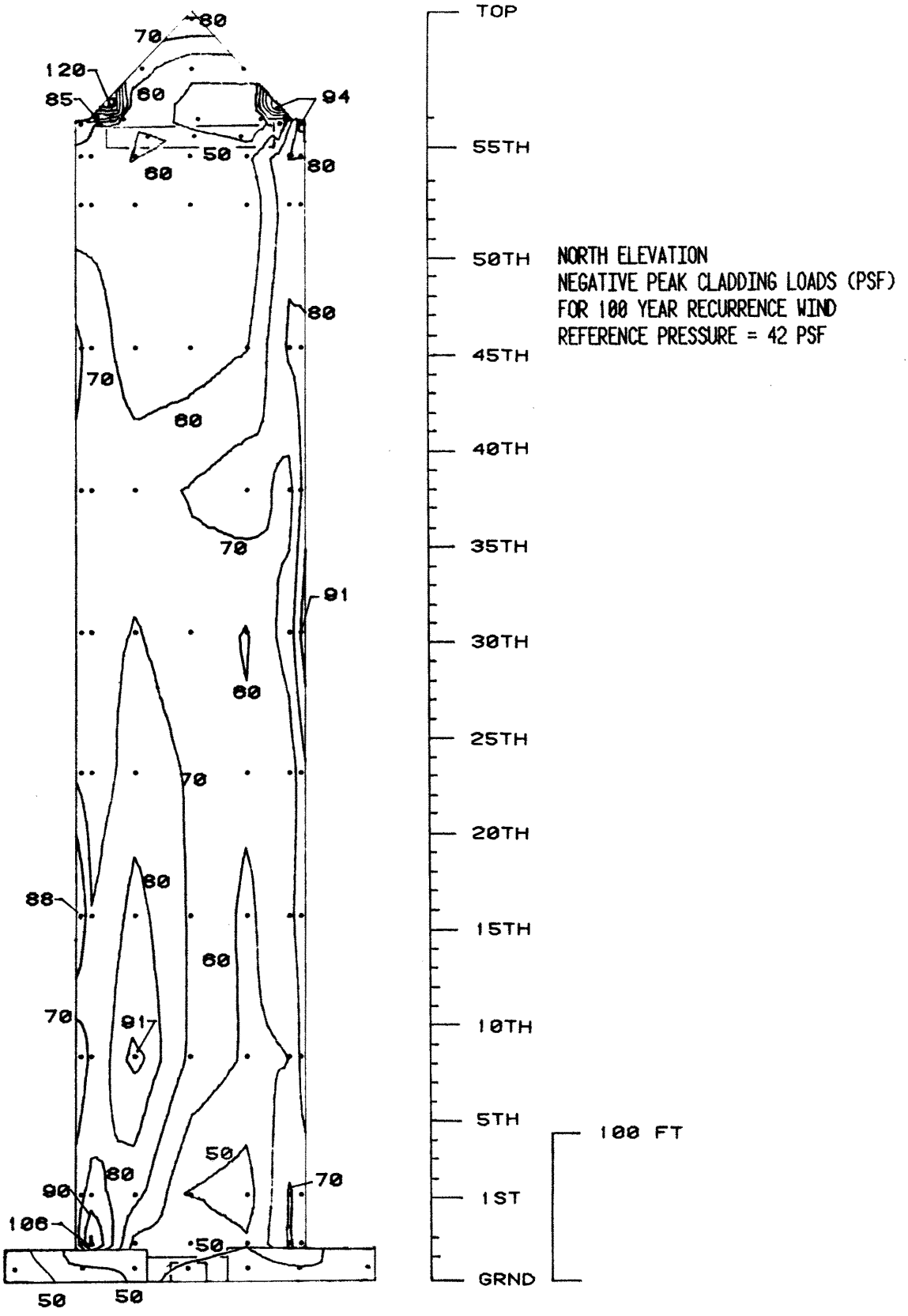
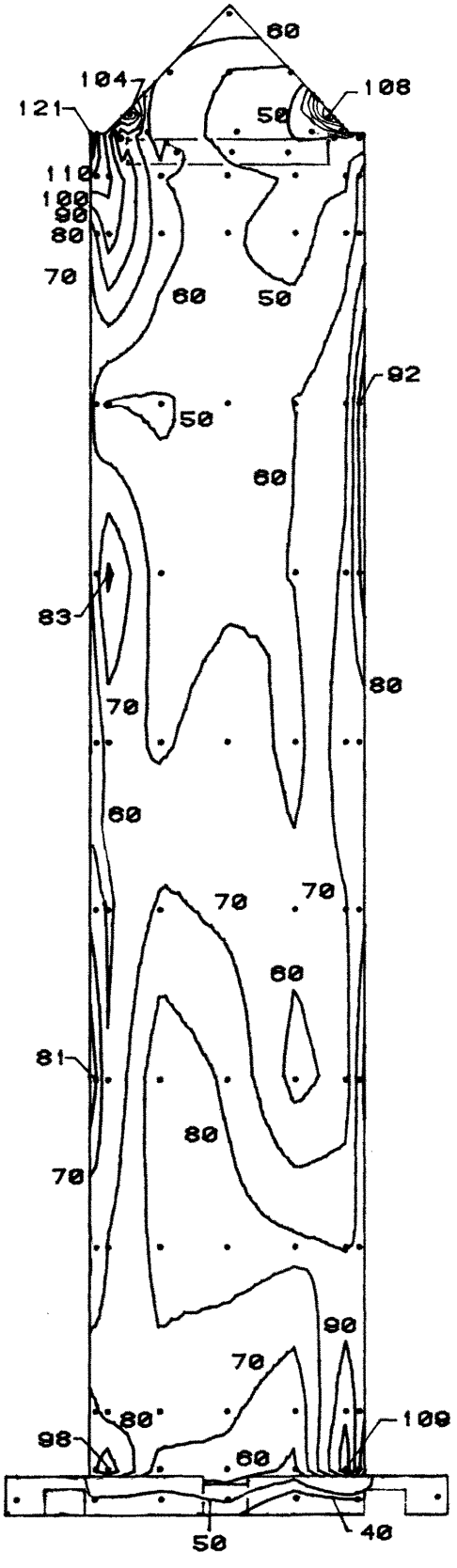
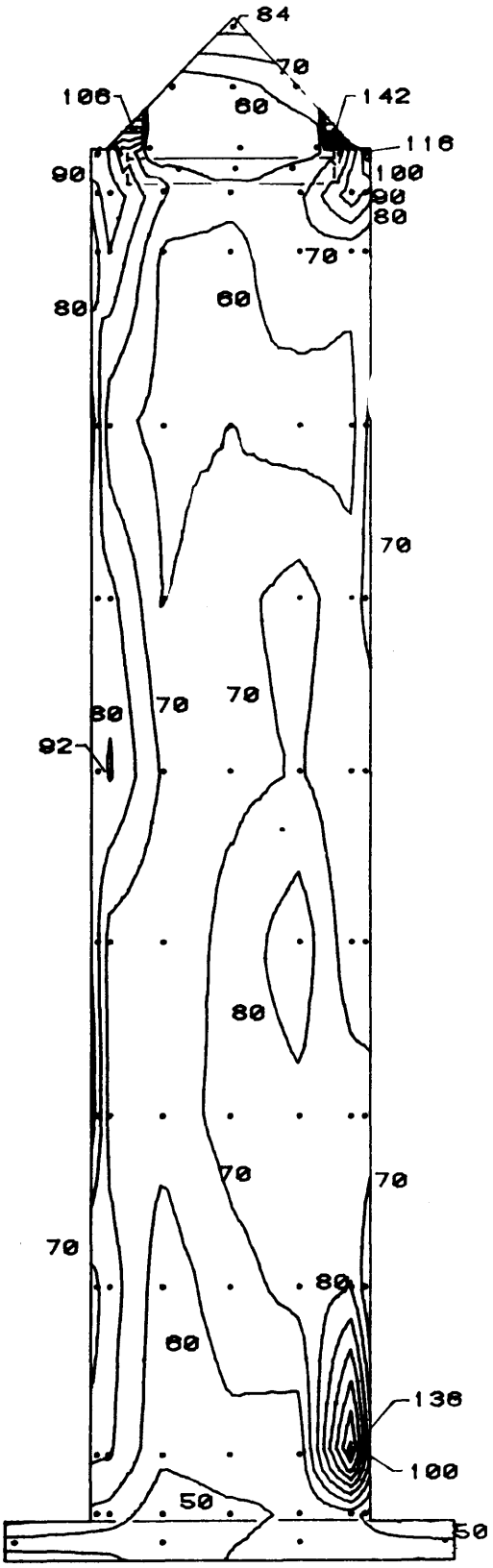


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads



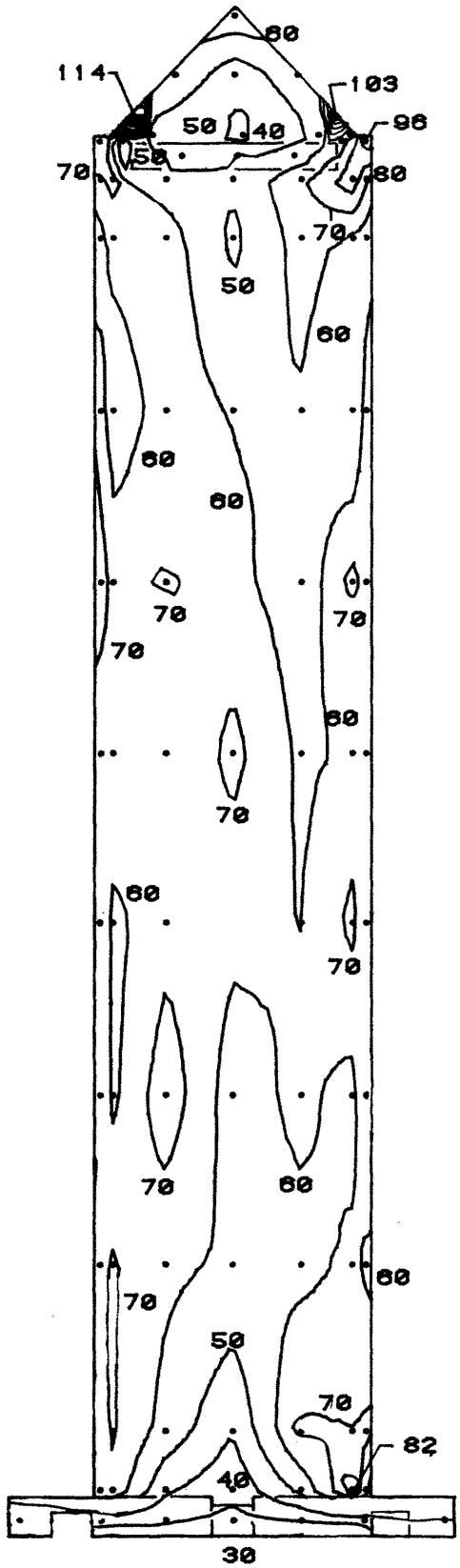
WEST ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



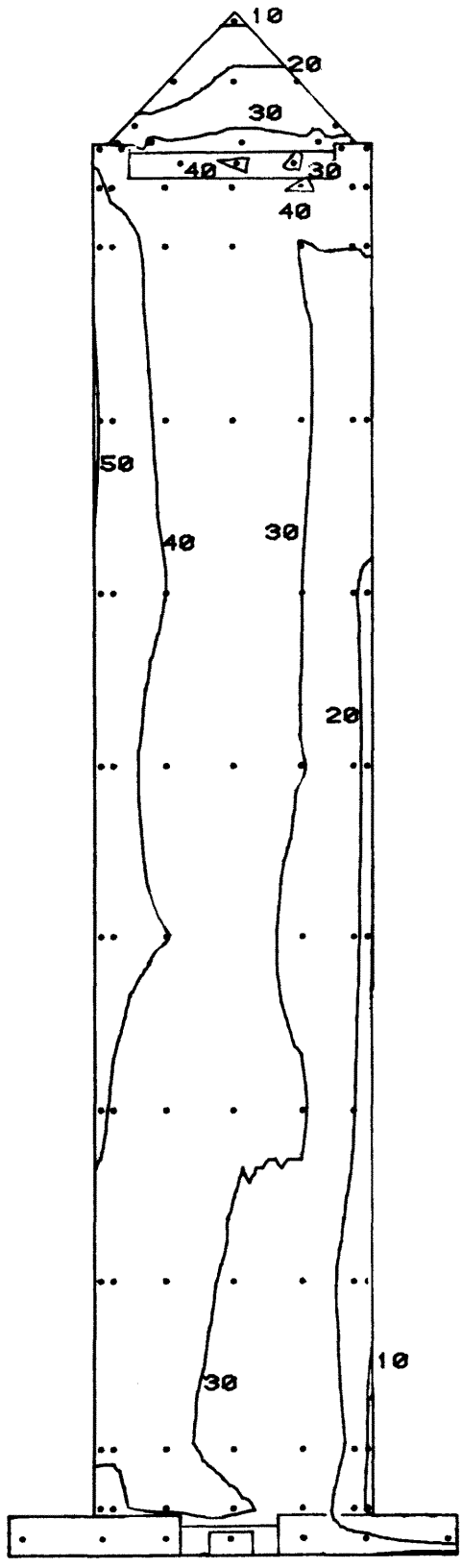
SOUTH ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



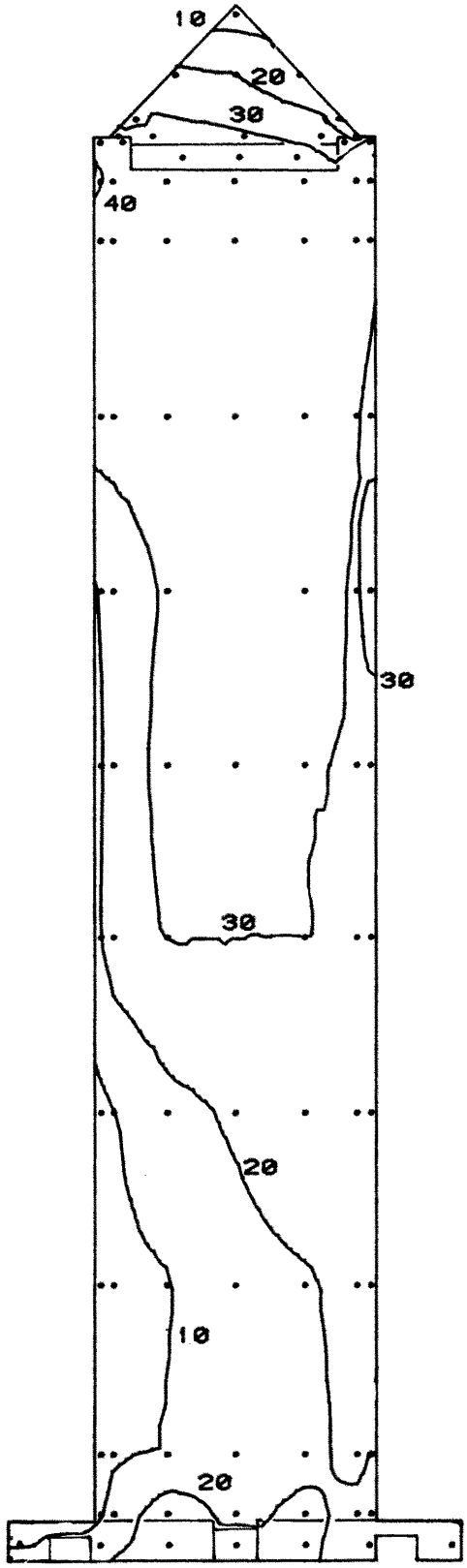
EAST ELEVATION
NEGATIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



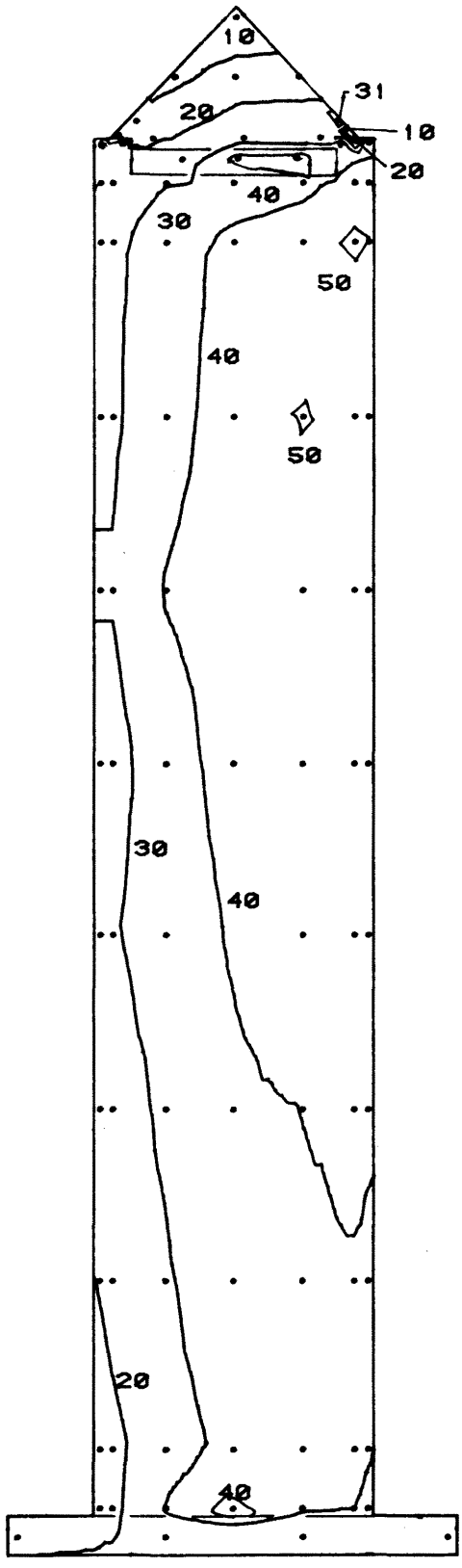
NORTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



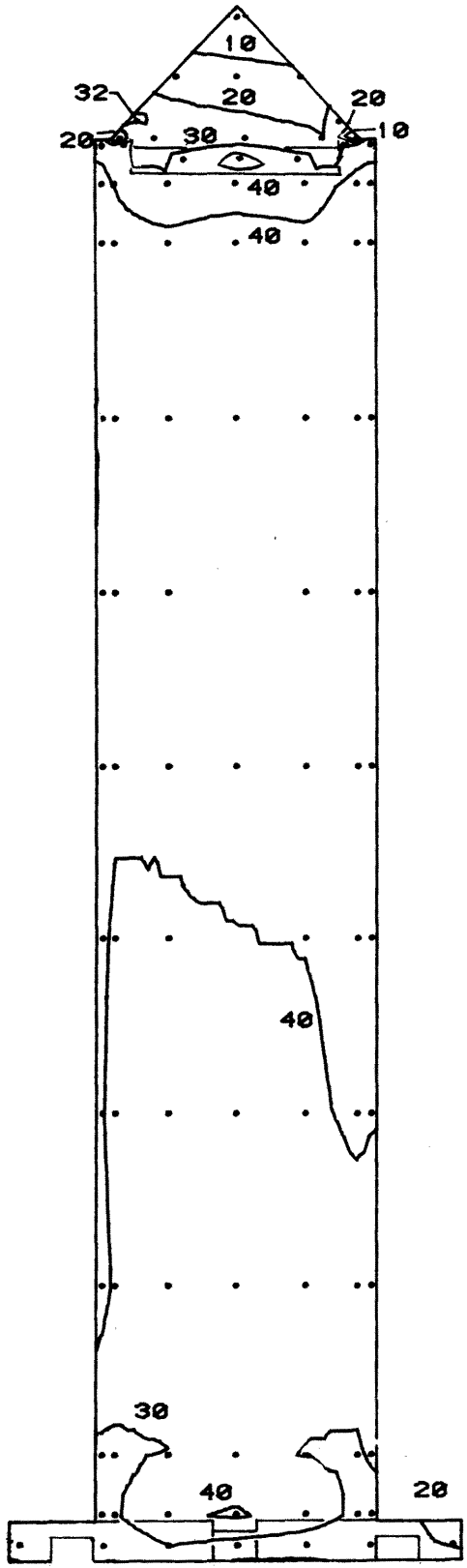
WEST ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



SOUTH ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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



EAST ELEVATION
POSITIVE PEAK CLADDING LOADS (PSF)
FOR 100 YEAR RECURRENCE WIND
REFERENCE PRESSURE = 42 PSF

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

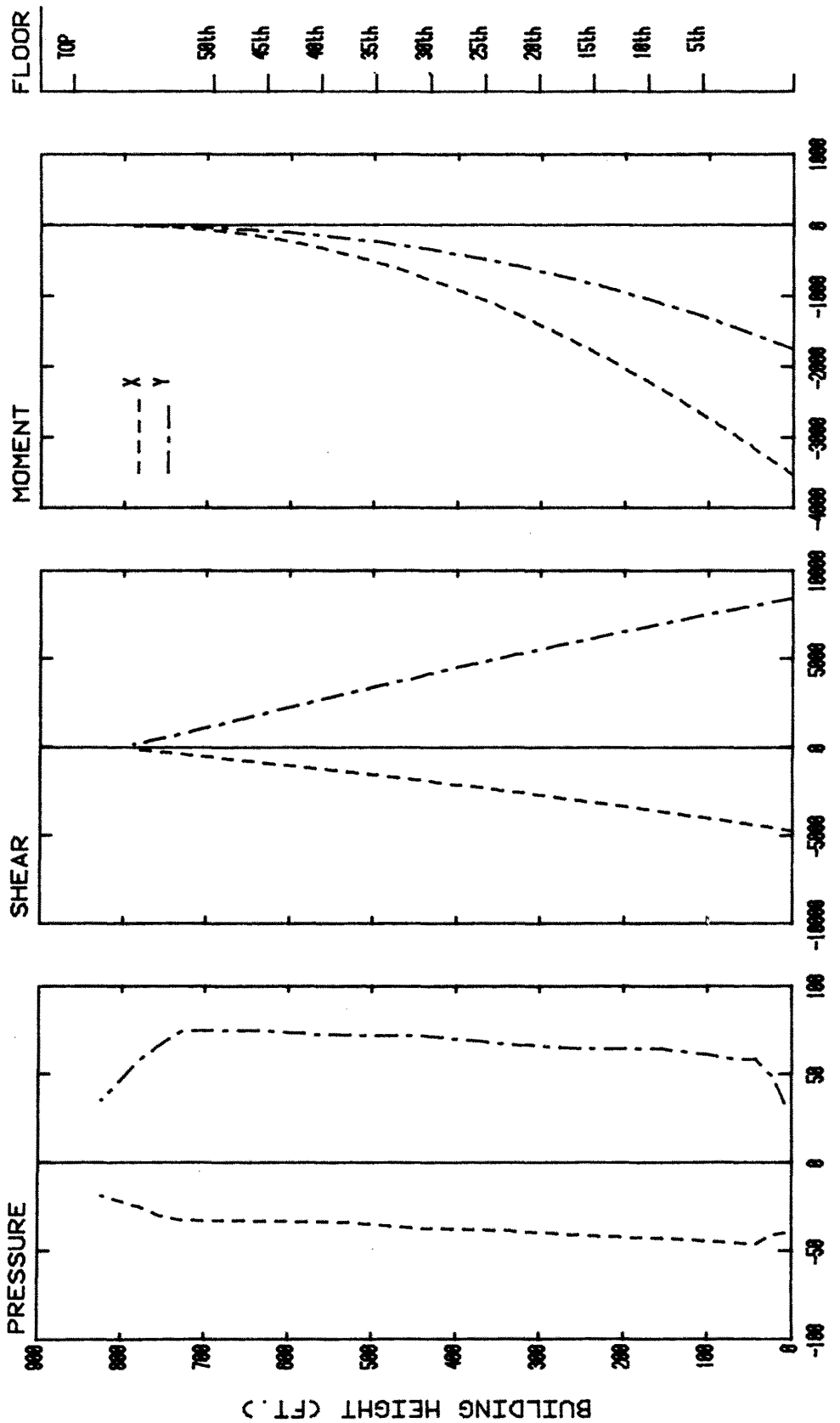


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

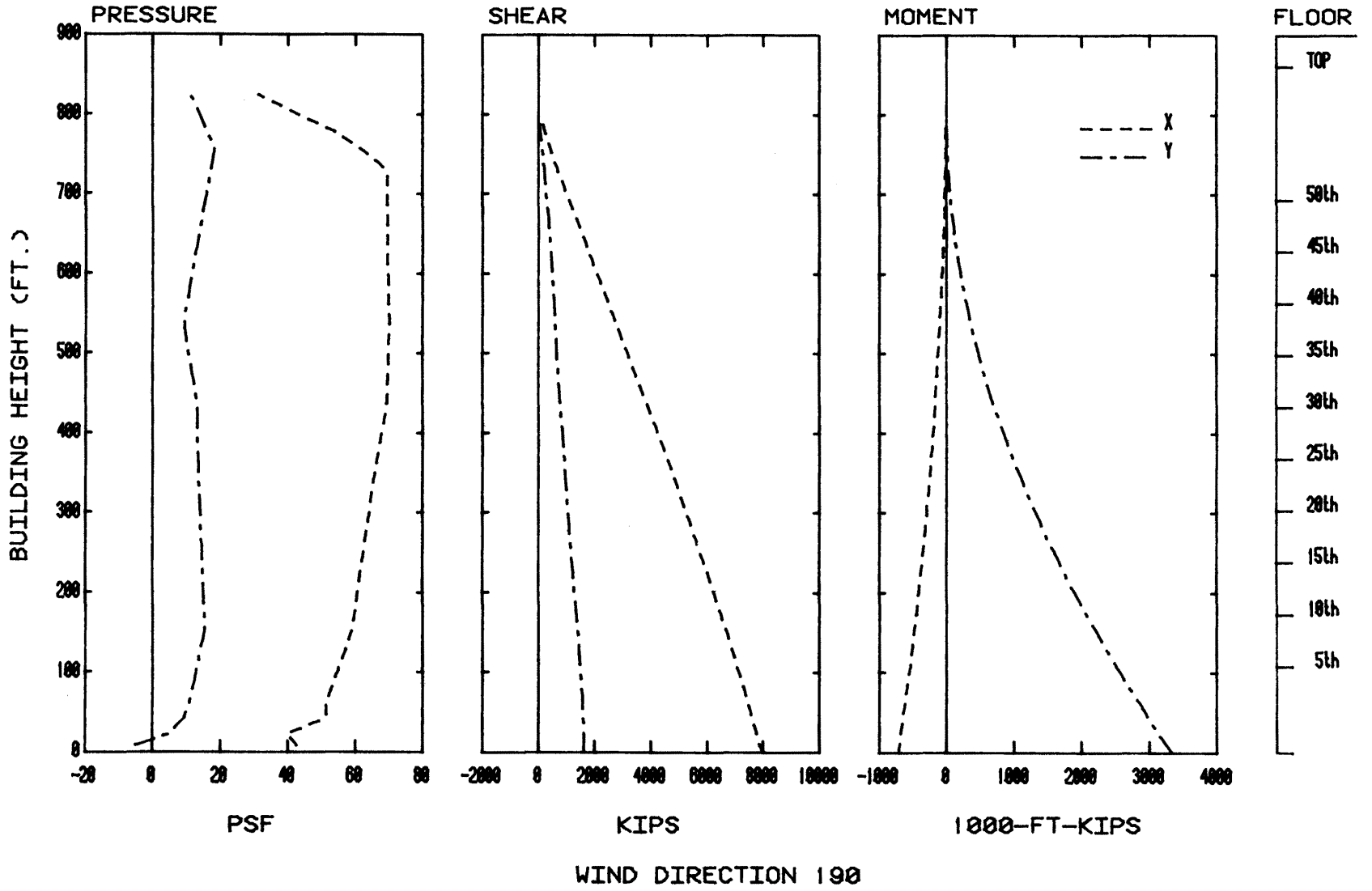


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

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

HOUSTON CENTER FOUR

HIGH PRESSURE AREAS

Run	Pressure Tap	Azimuth, °
1	205,406	210
2	412,419	20

HIGH PEDESTRIAN WIND VELOCITIES

Run	Pedestrian Location	Azimuth, °
3	20	45
4	12	247.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	89.3	10.2	119.8
22.50	60.8	13.9	102.4
45.00	66.2	12.4	103.5
67.50	42.1	11.8	77.6
90.00	45.9	9.0	72.8
112.50	30.2	14.6	74.0
135.00	29.3	15.6	76.0
157.50	39.6	18.4	94.9
180.00	47.0	13.9	88.7
202.50	62.7	14.9	107.3
225.00	66.8	15.4	113.1
247.50	35.8	15.2	81.5
270.00	19.1	8.8	45.5
292.50	13.0	5.7	30.1
315.00	12.9	6.0	31.0
337.50	12.3	6.1	30.5

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.3	10.7	51.3
22.50	54.6	17.4	107.0
45.00	54.0	13.4	94.3
67.50	60.6	10.2	91.4
90.00	61.3	8.0	85.3
112.50	57.5	9.4	85.6
135.00	57.5	13.9	99.2
157.50	32.4	17.1	83.7
180.00	60.1	19.4	118.5
202.50	65.6	14.9	110.5
225.00	78.0	14.5	121.6
247.50	86.3	14.2	128.9
270.00	82.3	15.2	127.8
292.50	34.4	9.7	63.4
315.00	24.2	9.0	51.1
337.50	9.7	4.9	24.3

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	25.2	12.1	61.6
22.50	73.2	15.0	118.3
45.00	80.0	11.9	115.7
67.50	85.3	10.7	117.4
90.00	86.2	9.0	113.2
112.50	69.8	11.7	105.0
135.00	26.7	17.7	79.7
157.50	14.4	9.3	42.4
180.00	12.3	8.4	37.6
202.50	4.5	3.7	15.6
225.00	3.9	2.1	10.3
247.50	5.8	3.5	16.1
270.00	6.7	3.6	17.4
292.50	11.0	10.0	40.9
315.00	10.0	8.9	36.6
337.50	5.4	4.3	18.4

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.3	5.0	23.4
22.50	11.9	6.9	32.6
45.00	11.9	6.5	31.4
67.50	19.1	9.7	48.3
90.00	34.3	11.3	68.3
112.50	41.7	13.4	82.0
135.00	27.2	18.3	81.9
157.50	13.5	9.5	42.0
180.00	13.0	8.2	37.5
202.50	12.0	7.1	33.1
225.00	12.7	8.2	37.3
247.50	17.9	9.8	47.5
270.00	19.3	10.5	50.6
292.50	21.7	14.5	65.4
315.00	15.2	9.6	43.9
337.50	6.4	3.8	17.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.8	6.6	30.7
22.50	12.1	6.4	31.4
45.00	11.9	5.7	29.2
67.50	12.4	6.0	30.4
90.00	12.1	5.1	27.3
112.50	15.1	6.9	35.7
135.00	21.3	10.6	53.1
157.50	26.8	12.1	63.1
180.00	18.8	9.2	46.2
202.50	21.8	11.7	56.8
225.00	21.0	9.5	49.6
247.50	25.1	8.7	51.1
270.00	29.0	11.1	62.4
292.50	16.1	8.2	40.9
315.00	15.9	8.1	40.2
337.50	6.9	4.1	19.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.4	10.4	49.4
22.50	63.4	13.0	102.4
45.00	78.2	13.0	117.2
67.50	42.4	13.3	82.4
90.00	13.4	8.0	37.3
112.50	17.6	14.1	59.8
135.00	10.4	6.9	31.1
157.50	5.6	3.4	15.7
180.00	3.7	2.0	9.7
202.50	10.4	7.0	31.3
225.00	13.4	8.8	39.8
247.50	11.4	6.8	31.8
270.00	12.6	8.4	37.7
292.50	15.0	11.3	49.0
315.00	23.3	10.8	55.6
337.50	12.4	7.1	33.8

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	4.8	3.7	15.8
22.50	6.4	4.2	19.0
45.00	7.4	4.6	21.4
67.50	12.3	11.6	46.9
90.00	15.9	10.1	46.3
112.50	33.8	16.2	82.4
135.00	71.5	13.5	112.0
157.50	74.2	10.0	104.1
180.00	62.8	11.4	97.1
202.50	18.7	14.1	60.9
225.00	13.2	9.2	40.7
247.50	10.2	8.2	34.8
270.00	8.7	6.9	29.3
292.50	11.9	8.0	35.8
315.00	5.8	3.9	17.4
337.50	5.6	4.8	20.1

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.6	15.6	76.4
22.50	56.9	16.2	105.6
45.00	63.2	14.4	106.3
67.50	43.4	14.9	88.1
90.00	14.5	8.2	39.1
112.50	23.7	12.0	59.6
135.00	48.3	12.0	84.3
157.50	63.4	11.4	97.5
180.00	66.4	11.3	100.3
202.50	56.3	19.1	113.5
225.00	52.5	21.1	115.6
247.50	29.3	15.2	74.8
270.00	27.9	15.1	73.1
292.50	13.3	8.6	39.3
315.00	15.4	8.8	41.6
337.50	10.9	6.2	29.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.3	7.0	34.4
22.50	33.2	18.7	89.4
45.00	52.2	24.7	126.3
67.50	49.8	17.2	101.5
90.00	45.9	9.7	75.1
112.50	26.1	9.6	54.9
135.00	15.9	6.9	36.7
157.50	33.7	11.0	66.7
180.00	48.6	14.7	92.7
202.50	36.4	19.2	94.1
225.00	19.5	10.0	49.5
247.50	21.1	10.0	51.1
270.00	14.6	7.9	38.4
292.50	15.7	8.6	41.6
315.00	12.3	5.6	29.1
337.50	8.9	3.6	19.7

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.1	4.2	19.8
22.50	18.9	10.6	50.6
45.00	25.0	15.0	69.8
67.50	15.3	7.2	37.0
90.00	13.9	6.2	32.6
112.50	13.6	6.4	32.9
135.00	11.6	5.9	29.4
157.50	11.8	6.1	30.0
180.00	15.4	7.6	38.1
202.50	10.7	5.7	28.0
225.00	19.2	9.5	47.7
247.50	15.0	7.1	36.4
270.00	9.2	4.7	23.2
292.50	14.8	8.5	40.3
315.00	10.1	5.2	25.8
337.50	6.4	4.0	18.5

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.0	7.1	34.3
22.50	19.9	12.2	56.5
45.00	37.4	21.1	100.6
67.50	71.1	13.1	110.5
90.00	85.0	9.4	113.1
112.50	83.8	10.3	114.8
135.00	72.3	13.4	112.4
157.50	25.9	12.1	62.2
180.00	41.9	19.3	99.7
202.50	32.5	21.6	97.2
225.00	14.1	6.4	33.4
247.50	10.8	3.2	20.3
270.00	10.0	3.0	19.0
292.50	7.1	2.4	14.3
315.00	8.9	3.9	20.5
337.50	9.8	4.7	24.0

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.9	5.8	29.4
22.50	14.5	6.8	34.8
45.00	21.1	12.1	57.4
67.50	13.3	7.7	36.3
90.00	21.4	13.9	63.1
112.50	76.7	28.0	160.6
135.00	88.0	15.1	133.4
157.50	33.8	16.1	82.1
180.00	39.2	13.3	78.9
202.50	84.7	15.7	131.7
225.00	87.3	14.5	131.0
247.50	93.9	13.2	133.6
270.00	73.3	15.2	119.0
292.50	44.3	8.8	70.7
315.00	35.4	10.9	68.2
337.50	34.8	19.6	93.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.3	9.7	44.5
22.50	46.6	20.3	107.4
45.00	63.9	17.9	117.5
67.50	82.7	11.5	117.1
90.00	79.4	10.7	111.5
112.50	62.9	10.9	95.7
135.00	50.6	11.8	86.0
157.50	15.9	10.2	46.3
180.00	30.4	11.3	64.1
202.50	43.1	10.4	74.3
225.00	60.4	13.5	100.9
247.50	62.4	14.5	105.9
270.00	53.0	13.2	92.5
292.50	29.6	9.5	58.3
315.00	10.8	6.1	29.2
337.50	9.9	6.4	29.2

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	4.4	2.1	10.6
22.50	4.6	2.2	11.3
45.00	5.2	2.7	13.3
67.50	13.7	5.4	29.9
90.00	18.4	6.5	37.9
112.50	26.4	9.0	53.4
135.00	31.4	8.5	57.0
157.50	31.0	7.4	53.0
180.00	13.3	5.9	31.0
202.50	20.8	6.7	40.8
225.00	28.4	8.1	52.8
247.50	37.2	9.9	66.8
270.00	38.3	9.5	66.8
292.50	17.1	4.4	30.3
315.00	6.2	3.3	16.0
337.50	3.2	1.5	7.8

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.1	2.9	17.0
22.50	17.2	8.9	43.8
45.00	26.3	13.5	66.8
67.50	23.7	11.0	56.6
90.00	26.8	14.4	70.0
112.50	28.0	13.2	67.5
135.00	22.6	11.1	55.8
157.50	38.4	8.8	64.8
180.00	28.8	10.0	58.7
202.50	16.4	7.0	37.5
225.00	24.6	9.1	51.8
247.50	37.7	9.9	67.4
270.00	35.2	14.7	79.3
292.50	30.7	10.5	62.2
315.00	24.9	11.0	57.9
337.50	34.6	16.3	83.4

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.8	4.6	24.4
22.50	12.2	5.8	29.5
45.00	11.8	4.7	25.9
67.50	15.4	7.0	36.4
90.00	21.8	8.8	48.3
112.50	26.1	11.0	59.1
135.00	26.0	13.7	67.2
157.50	73.0	9.7	102.0
180.00	77.9	9.4	106.1
202.50	66.4	17.0	117.3
225.00	35.6	17.6	88.4
247.50	21.6	11.0	54.6
270.00	43.2	18.6	99.0
292.50	40.2	14.6	84.1
315.00	45.5	14.8	90.0
337.50	50.7	23.4	121.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.7	3.9	20.4
22.50	23.4	14.3	66.1
45.00	53.2	23.3	123.0
67.50	21.2	13.5	61.7
90.00	26.8	11.5	61.3
112.50	29.7	12.7	67.7
135.00	34.6	15.6	81.3
157.50	7.6	2.5	15.3
180.00	17.7	13.2	57.3
202.50	69.3	29.5	157.7
225.00	43.9	26.7	124.0
247.50	21.1	11.0	54.1
270.00	24.9	13.8	66.2
292.50	34.9	12.5	72.6
315.00	39.1	11.9	74.8
337.50	27.7	9.6	56.5

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.7	4.4	22.0
22.50	60.7	17.1	112.1
45.00	81.0	18.5	136.4
67.50	73.8	20.7	135.9
90.00	47.0	24.1	119.3
112.50	26.1	14.1	68.3
135.00	15.3	8.6	41.1
157.50	48.8	10.4	79.9
180.00	49.1	10.6	81.0
202.50	29.7	12.7	67.9
225.00	19.7	11.1	53.1
247.50	22.7	14.6	66.6
270.00	29.9	15.8	77.2
292.50	11.8	6.3	30.8
315.00	13.2	7.5	35.8
337.50	8.3	4.5	21.8

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.7	3.9	20.5
22.50	42.0	23.0	111.0
45.00	58.8	26.9	139.4
67.50	34.5	19.4	92.7
90.00	20.0	11.1	53.3
112.50	26.5	16.0	74.4
135.00	40.2	14.6	84.0
157.50	18.1	10.4	49.3
180.00	30.0	15.7	77.1
202.50	65.1	15.3	110.9
225.00	57.7	11.5	92.3
247.50	48.7	11.9	84.3
270.00	41.8	12.8	80.1
292.50	23.1	8.7	49.4
315.00	24.4	11.3	58.4
337.50	29.7	11.4	63.8

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.4	5.6	26.3
22.50	75.9	27.7	158.9
45.00	97.2	19.7	156.2
67.50	78.3	28.8	164.6
90.00	33.6	23.9	105.2
112.50	15.6	8.9	42.3
135.00	12.8	6.8	33.2
157.50	21.8	10.0	51.9
180.00	32.8	16.0	80.9
202.50	70.4	13.0	109.5
225.00	78.4	9.3	106.2
247.50	83.7	9.2	111.4
270.00	80.3	10.8	112.6
292.50	61.4	9.2	89.1
315.00	43.7	10.5	75.1
337.50	24.1	10.5	55.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	62.3	29.8	151.5
22.50	93.3	18.6	149.2
45.00	104.1	20.4	165.4
67.50	37.6	16.7	87.6
90.00	40.7	14.5	84.2
112.50	73.0	16.9	123.8
135.00	63.7	14.3	106.6
157.50	63.2	14.1	105.4
180.00	61.7	12.9	100.4
202.50	33.9	15.5	80.3
225.00	64.2	20.0	124.1
247.50	37.1	16.6	86.8
270.00	15.6	8.8	42.1
292.50	16.5	9.9	46.3
315.00	33.8	21.2	97.3
337.50	76.1	15.3	122.0

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.7	14.0	65.7
22.50	73.0	23.0	142.1
45.00	66.0	21.6	130.9
67.50	57.1	10.2	87.8
90.00	60.4	12.0	96.4
112.50	52.5	17.1	103.9
135.00	52.5	17.3	104.5
157.50	56.0	12.8	94.3
180.00	52.6	10.6	84.4
202.50	58.5	22.5	125.9
225.00	76.5	20.8	139.0
247.50	59.7	18.3	114.5
270.00	39.8	15.0	84.6
292.50	29.8	13.6	70.6
315.00	22.6	11.2	56.2
337.50	59.7	16.3	108.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

HOUSTON CENTER FOUR, HOUSTON

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
21	45.0	104.	20.4	165.4
20	45.0	97.2	19.7	156.2
12	247.5	93.9	13.2	133.6
21	22.5	93.3	18.6	149.2
1	0.0	89.3	10.2	119.8
12	135.0	88.0	15.1	133.4
12	225.0	87.3	14.5	131.0
2	247.5	86.3	14.2	128.9
3	90.0	86.2	9.0	113.2
3	67.5	85.3	10.7	117.4

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
21	0.0	62.3	29.8	151.5
17	202.5	69.3	29.5	157.7
20	67.5	78.3	28.8	164.6
12	112.5	76.7	28.0	160.6
20	22.5	75.9	27.7	158.9
19	45.0	58.8	26.9	139.4
17	225.0	43.9	26.7	124.0
9	45.0	52.2	24.7	126.3
18	90.0	47.0	24.1	119.3
20	90.0	33.6	23.9	105.2

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
21	45.0	104.	20.4	165.4
20	67.5	78.3	28.8	164.6
12	112.5	76.7	28.0	160.6
20	22.5	75.9	27.7	158.9
17	202.5	69.3	29.5	157.7
20	45.0	97.2	19.7	156.2
21	0.0	62.3	29.8	151.5
21	22.5	93.3	18.6	149.2
22	22.5	73.0	23.0	142.1
19	45.0	58.8	26.9	139.4

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

HOUSTON, TEXAS INTERNATIONAL AIRPORT (1951-1960)

SEASON : ANNUAL NO. OF OBS.= 87672 HT. OF MEAS.= 87. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32-38	39-46	47 +	TOTAL
N	.26	.83	1.87	1.75	.61	.13	.01	.02	0.00	5.46
NNE	.23	.93	1.48	1.44	.54	.13	.05	0.00	0.00	4.80
NE	.29	1.05	2.08	1.44	.36	.11	.04	.01	.01	5.38
ENE	.36	1.24	2.80	2.16	.43	.11	.01	0.00	0.00	7.12
E	.32	1.18	2.30	1.23	.32	.11	.01	0.00	0.00	5.47
ESE	.41	1.87	3.09	2.27	.55	.15	.01	0.00	0.00	8.36
SE	.36	1.40	3.93	3.24	1.10	.21	.07	.06	0.00	10.36
SSE	.37	1.75	4.55	4.70	2.06	.34	.08	.06	0.00	13.92
S	.33	1.52	3.30	2.93	.90	.18	.04	0.00	0.00	9.21
SSW	.31	1.12	2.23	1.65	.52	.14	.03	0.00	0.00	5.99
SW	.28	.94	1.35	.74	.23	.10	.01	0.00	0.00	3.66
WSW	.27	.90	1.23	.66	.23	.07	.03	.01	0.00	3.40
W	.20	.67	.87	.39	.18	.08	.02	.01	0.00	2.40
WNW	.24	.78	1.17	.81	.39	.11	.03	.01	.01	3.56
NW	.20	.76	1.30	.96	.47	.12	.04	.03	.01	3.89
NNW	.22	.79	1.70	1.89	.78	.20	.04	.05	.04	5.70
CALM	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
TOT	5.97	17.73	35.25	28.26	9.67	2.29	.50	.26	.07	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):

   100-yr fastest mile at 30 ft = 90 mph

   Mean hourly wind speed = $\frac{90}{1.28}$ = 70.3 mph

   Mean hourly gradient wind speed = $70.3(\frac{1000}{30})^{.17}$ = 127.6 mph

   Mean hourly wind at reference location = U_∞ = gradient wind = 127.6 mph

   Reference pressure = $0.5\ \rho U_\infty^2 = (0.00256)(127.6)^2 = \underline{41.7}$

   Use 42 psf

2. Loads for 50-yr recurrence wind:

   50-yr fastest mile at 30 ft = 76 mph

   Multiply 50-yr loads by $(\frac{76}{90})^2$ = 0.71

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

The 30-second gust load factor was used in Table 7.

Table 5. Continued
HOUSTON HURRICANE WINDS--DIRECTIONAL EFFECTS
NBS STUDY*

Wind direction	mph 100-yr	Gust factor based on 90 mph	Load factor based on 90 mph
0	75	0.83	0.69
22.5	72	0.80	0.64
45.0	71	0.79	0.62
67.5	80	0.89	0.79
90.0	89	0.99	0.98
112.5	82	0.91	0.83
135.0	86	0.96	0.91
157.5	83	0.92	0.85
180.0	92	1.02	1.04
202.5	70	0.78	0.60
225.0	70	0.78	0.60
247.5	70	0.78	0.60
270.0	70	0.78	0.60
292.5	74	0.82	0.68
315.0	75	0.83	0.69
337.5	77	0.86	0.73

*Batts, M. E., M. R. Cordes, L. R. Russel, J. R. Shaver, E. Simiu, "Hurricane Wind Speeds in the United States," NBS Building Science Series 124, National Bureau of Standards, 1980.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 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	130	-2.09	-79.7	9.3	149	120	-1.88	-65.4	36.2	204	40	-2.15	-55.9	12.1
102	130	-1.65	-63.0	13.4	150	130	-1.55	-59.2	30.1	205	210	-4.51	-113.6	32.1
103	120	-1.49	-51.9	24.2	151	140	-1.98	-75.5	26.4	206	40	-3.96	-103.2	25.0
104	130	-1.38	-52.8	24.0	152	130	-2.39	-91.2	15.5	207	140	-1.88	-71.7	12.2
105	130	-3.15	-120.3	25.3	153	290	-2.35	-67.0	45.0	208	200	-1.81	-45.6	24.3
106	300	-3.30	-94.1	28.3	154	290	-2.24	-64.0	42.6	209	310	-1.27	-36.9	24.7
107	120	-2.44	-85.0	23.7	155	130	-1.98	-75.6	40.0	210	50	-1.98	-51.4	20.8
108	120	-1.55	-54.1	30.6	156	310	-2.15	-62.4	27.7	211	120	-1.98	-68.9	5.7
109	130	-1.18	-45.2	32.1	157	310	-2.22	-64.5	24.6	212	190	-1.79	-78.1	36.7
110	310	-1.51	-43.7	31.8	158	130	-1.95	-74.7	13.9	213	190	-1.06	-46.4	31.2
111	40	-2.29	-59.7	31.1	159	120	-2.52	-87.8	41.2	214	50	-2.45	-63.8	29.7
112	110	-1.87	-65.3	37.3	160	120	-2.01	-70.2	39.3	215	60	-2.89	-95.9	36.7
113	120	-1.72	-59.8	33.8	161	120	-2.41	-84.1	33.9	216	210	-1.79	-45.2	36.6
114	320	-1.75	-50.7	33.1	162	130	-1.81	-69.1	30.9	217	40	-1.91	-49.6	46.3
115	320	-3.25	-94.3	33.7	163	300	-2.03	-58.0	31.4	218	40	-2.11	-54.8	37.7
116	130	-1.71	-65.5	37.7	164	300	-2.43	-69.4	21.1	219	200	-2.75	-69.3	44.7
117	130	-1.43	-54.7	39.5	165	140	-1.91	-72.9	10.6	220	200	-2.90	-73.1	40.0
118	300	-1.70	-48.4	28.7	166	130	-1.69	-64.8	37.3	221	200	-2.19	-55.2	32.2
119	100	-1.38	-56.7	42.5	167	130	-1.91	-72.9	38.7	222	40	-1.99	-51.8	31.3
120	100	-1.39	-57.4	38.4	168	130	-2.38	-91.0	33.0	223	50	-2.64	-68.7	31.7
121	120	-1.72	-59.8	36.4	169	130	-1.79	-68.5	29.5	224	50	-3.40	-88.4	44.8
122	130	-1.38	-52.7	32.5	170	290	-2.07	-59.0	27.1	225	50	-2.75	-71.6	45.5
123	310	-2.00	-58.0	41.9	171	150	-1.68	-59.9	16.5	226	190	-1.30	-56.8	45.4
124	320	-2.79	-80.9	32.0	172	140	-1.88	-71.8	11.3	227	190	-1.46	-63.8	43.1
125	320	-2.78	-80.5	34.3	173	130	-2.05	-78.4	32.2	228	200	-2.59	-65.2	43.1
126	120	-1.58	-55.1	48.0	174	130	-2.18	-83.3	31.0	229	130	1.28	-47.9	49.1
127	120	-1.62	-56.6	45.7	175	160	-2.08	-74.3	32.3	230	40	-2.46	-64.1	44.3
128	120	-1.66	-58.0	35.9	176	160	-1.39	-49.5	26.9	231	40	-2.21	-57.7	48.5
129	130	-1.36	-51.9	35.3	177	190	-1.04	-45.5	27.4	232	40	-2.13	-55.6	47.0
130	300	-1.76	-50.4	29.9	178	180	-1.64	-71.6	18.9	233	40	-2.43	-63.2	49.2
131	330	-2.52	-77.2	30.1	179	190	-1.54	-67.1	9.7	234	30	-1.99	-53.6	45.2
132	330	-2.36	-72.4	30.3	180	130	-2.23	-85.3	25.0	235	190	-1.49	-65.1	46.1
133	290	-2.49	-71.0	50.1	181	130	-2.76	-105.5	27.9	236	40	-2.30	-59.8	45.0
134	290	-2.32	-66.3	45.8	182	130	-1.46	-55.9	36.7	237	60	-1.79	-59.3	45.6
135	130	-1.41	-53.8	38.4	183	170	-1.34	-58.7	32.0	238	10	-1.72	-49.9	47.9
136	120	-1.57	-54.7	33.7	184	220	-2.05	-51.6	27.8	239	20	-2.40	-64.6	49.1
137	130	-1.57	-59.9	32.1	185	190	-1.63	-71.3	14.4	240	40	-2.89	-75.2	48.0
138	130	-2.16	-82.4	23.0	186	190	-1.47	-64.3	8.3	241	40	-2.55	-66.4	44.2
139	130	-2.17	-83.1	28.1	187	240	-2.19	-55.3	24.3	242	190	-1.62	-70.7	43.2
140	290	-2.36	-67.3	47.4	188	180	-1.03	-44.9	23.5	243	60	-1.65	-54.9	46.5
141	300	-2.36	-67.4	44.2	189	170	-1.30	-56.9	27.7	244	0	-2.40	-69.6	45.9
142	120	-1.90	-66.2	40.5	190	170	-1.10	-47.9	22.9	245	220	-2.62	-65.9	46.6
143	130	-1.99	-76.1	30.4	191	170	-.95	-41.6	20.4	246	30	-2.35	-63.2	44.5
144	130	-1.73	-66.3	29.7	192	190	-1.13	-49.5	22.5	247	30	-2.51	-67.6	42.5
145	130	-2.09	-79.8	18.6	193	170	-1.12	-49.1	12.4	248	190	-1.37	-59.7	41.8
146	290	-2.32	-66.3	42.7	201	40	-2.59	-67.4	-.3	249	40	-2.82	-73.3	43.0
147	290	-2.35	-67.1	44.1	202	210	-2.29	-57.8	17.8	250	50	-2.24	-58.3	44.5
148	120	-2.03	-70.9	35.8	203	20	-1.63	-43.9	14.5	251	340	-2.02	-62.0	47.4

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK (PSF)	POSITIVE PEAK (PSF)	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK (PSF)	POSITIVE PEAK (PSF)	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK (PSF)	POSITIVE PEAK (PSF)
252	210	-2.47	-62.3	47.9	307	300	-3.15	-89.9	13.2	355	300	-2.16	-61.7	35.4
253	30	-2.58	-69.2	42.3	308	300	-1.83	-52.2	19.0	356	130	-2.28	-87.1	46.9
254	30	-2.15	-57.8	38.0	309	130	-1.37	-52.2	26.7	357	130	-1.66	-63.4	48.8
255	190	-1.52	-66.2	39.5	310	130	-1.46	-55.9	23.9	358	140	-1.61	-61.5	44.9
256	60	-1.82	-60.2	40.5	311	140	-1.98	-75.7	9.5	359	130	-2.27	-86.9	26.7
257	350	-2.53	-73.2	43.7	312	290	-3.42	-97.8	23.2	360	300	-2.32	-66.4	24.7
258	220	-2.53	-63.8	43.4	313	290	-2.54	-72.6	25.0	361	100	-1.55	-63.7	32.5
259	30	-2.57	-69.0	41.2	314	130	-1.67	-63.9	32.4	362	130	-1.96	-74.8	38.8
260	190	-1.33	-58.0	35.4	315	140	-3.03	-115.6	39.4	363	130	-2.02	-77.4	40.3
261	190	-1.76	-76.9	36.7	316	300	-2.14	-61.2	25.4	364	130	-1.99	-76.1	42.7
262	40	-2.11	-55.0	37.4	317	130	-1.42	-54.1	43.8	365	140	-1.99	-76.1	42.4
263	40	-2.41	-62.8	38.0	318	130	-1.64	-62.7	45.4	366	100	-1.68	-69.0	21.1
264	40	-2.17	-56.4	42.1	319	290	-3.08	-88.0	29.4	367	300	-2.63	-75.0	23.4
265	20	-2.56	-68.9	41.4	320	290	-3.46	-98.7	26.8	368	100	-1.32	-54.3	29.0
266	190	-1.56	-68.3	44.9	321	290	-2.50	-71.5	30.2	369	120	-1.89	-65.8	38.4
267	190	-1.64	-71.6	38.5	322	130	-1.66	-63.3	30.5	370	130	-1.95	-74.6	38.4
268	190	-1.42	-62.2	35.9	323	130	-1.78	-68.1	36.3	371	130	-2.09	-79.8	39.5
269	40	-2.28	-59.3	37.1	324	140	-2.59	-99.1	46.1	372	130	-1.72	-65.6	37.8
270	60	-1.72	-57.0	35.4	325	140	-2.31	-88.4	49.4	373	100	-1.77	-72.7	15.7
271	40	-2.39	-62.3	35.4	326	290	-2.75	-78.7	27.7	374	100	-1.74	-71.7	17.2
272	40	-2.25	-58.5	33.4	327	290	-3.18	-90.8	28.9	375	100	-1.27	-52.2	26.7
273	190	-1.38	-60.4	28.0	328	300	-2.02	-57.6	33.9	376	110	-1.64	-57.3	32.7
274	190	-1.60	-69.7	28.4	329	130	-1.48	-56.7	44.6	377	100	-1.25	-51.6	32.1
275	190	-1.31	-57.1	30.1	330	140	-1.77	-67.6	49.0	378	140	-3.55	-135.6	33.5
276	60	-1.23	-40.8	32.6	331	140	-1.66	-63.3	49.9	379	140	-2.61	-99.7	31.3
277	40	-2.77	-72.0	29.9	332	140	-1.56	-59.6	49.4	380	100	-1.41	-57.9	15.9
278	40	-2.71	-70.5	29.4	333	130	-2.20	-84.2	29.1	381	60	-1.70	-56.6	17.7
279	40	-2.76	-72.0	31.5	334	130	-1.63	-62.2	28.9	382	100	-1.03	-42.6	31.2
280	190	-1.55	-67.5	24.8	335	130	-1.51	-57.6	36.5	383	90	-1.16	-47.6	39.8
281	190	-1.56	-68.3	29.5	336	130	-1.56	-59.7	45.0	384	100	-1.25	-51.7	31.5
282	190	-.96	-41.9	38.8	337	140	-1.45	-55.4	49.7	385	110	-1.55	-54.2	30.5
283	140	1.10	-32.6	42.2	338	140	-1.48	-56.5	48.8	386	110	-1.39	-48.6	28.9
284	30	-1.99	-53.5	36.1	339	310	-2.40	-69.4	47.3	387	90	-1.13	-46.4	13.3
285	50	-3.15	-82.0	28.7	340	130	-2.16	-82.5	30.8	388	60	-1.34	-44.4	23.3
286	30	-2.38	-64.0	26.8	341	120	-2.40	-83.5	31.0	389	80	-1.33	-54.7	22.3
287	80	-.82	-33.8	25.5	342	300	-2.09	-59.7	41.1	390	80	-1.31	-54.0	23.3
288	280	-1.43	-36.0	22.0	343	140	-1.95	-74.6	48.4	391	80	-.62	-25.5	12.8
289	280	-1.24	-31.2	30.1	344	130	-1.66	-63.4	48.5	392	90	-.56	-23.2	7.6
290	220	-1.10	-27.6	26.8	345	310	-2.52	-73.1	47.3	393	80	-.59	-24.1	5.9
291	250	-1.21	-30.6	25.0	346	130	-2.29	-87.6	26.9	394	80	-.63	-26.0	22.9
292	270	-1.41	-35.6	23.2	347	130	-2.40	-91.9	26.9	401	30	-2.52	-67.7	6.5
293	250	-1.60	-40.4	19.9	348	130	-1.80	-68.8	35.4	402	30	-2.17	-58.2	22.5
301	130	-2.19	-83.7	-.2	349	350	-2.32	-67.2	44.7	403	30	-1.84	-49.4	20.3
302	310	-1.78	-51.5	7.7	350	130	-1.85	-70.8	49.4	404	220	-1.91	-48.1	11.2
303	130	-1.47	-56.3	15.2	351	140	-1.63	-62.1	45.9	405	30	-3.86	-103.9	28.8
304	130	-1.67	-63.8	17.4	352	140	-1.59	-60.9	44.3	406	210	-4.28	-108.0	19.6
305	310	-3.66	-106.2	17.4	353	130	-2.13	-81.4	28.5	407	120	-2.46	-85.7	30.7
306	130	-3.72	-142.1	30.6	354	130	-1.72	-65.6	29.6	408	30	-2.21	-59.4	34.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
409	120	-1.25	-43.7	31.2
410	130	-1.35	-51.7	27.6
411	130	-1.86	-71.0	17.9
412	20	-4.50	-120.8	39.3
413	20	-2.65	-71.2	32.8
414	20	-1.81	-48.8	28.9
415	40	-1.77	-46.1	31.4
416	40	-2.44	-63.6	35.4
417	40	-1.78	-46.4	36.5
418	180	-1.01	-44.2	33.5
419	20	-4.04	-108.5	39.6
420	20	-3.83	-102.9	38.1
421	20	-2.24	-60.2	33.9
422	20	-2.05	-55.2	33.7
423	30	-1.82	-48.8	35.5
424	40	-1.84	-48.0	34.3
425	40	-2.40	-62.4	32.8
426	20	-2.96	-79.7	35.1
427	20	-3.57	-95.9	37.6
428	20	-2.43	-65.4	37.6
429	40	-1.97	-51.3	37.1
430	40	-1.76	-45.9	34.0
431	40	-2.17	-56.6	34.6
432	40	-2.37	-61.7	32.5
433	210	-2.28	-57.4	34.4
434	190	-1.11	-48.5	33.8
435	10	-1.69	-49.1	34.9
436	20	-1.99	-53.6	35.5
437	30	-2.24	-60.2	33.7
438	40	-2.62	-68.1	30.7
439	50	-3.52	-91.6	28.4
440	200	-2.67	-67.4	21.3
441	190	-1.89	-82.6	25.0
442	20	-1.98	-53.2	31.3
443	40	-2.34	-60.9	35.2
444	40	-2.75	-71.6	29.3
445	40	-3.44	-89.6	33.3
446	190	-1.24	-54.0	19.3
447	30	-2.39	-64.3	25.1
448	30	-2.17	-58.4	33.2
449	40	-2.61	-67.9	36.7
450	220	-2.24	-56.4	31.0
451	40	-2.97	-77.2	29.6
452	40	-2.82	-73.3	26.6
453	190	-1.48	-64.5	20.4
454	30	-2.18	-58.7	25.4
455	30	-2.69	-72.3	30.8
456	40	-2.44	-63.7	30.0
457	40	-2.66	-69.3	27.5
458	40	-2.92	-76.2	26.2
459	190	-1.85	-81.0	8.1
460	190	-1.38	-60.4	9.9
461	40	-3.42	-89.1	17.2
462	30	-2.92	-78.6	21.6
463	30	-2.10	-56.4	27.1
464	210	-2.56	-64.5	26.5
465	30	-3.16	-85.0	25.5
466	30	-2.25	-60.5	5.0
467	40	-2.73	-71.0	7.9
468	40	-3.19	-83.2	9.7
469	30	-3.15	-84.6	17.3
470	190	-1.90	-82.8	19.1
471	80	-1.94	-79.9	23.6
472	80	-1.96	-80.8	22.3
473	100	-1.99	-81.8	5.5
474	100	-1.85	-76.3	8.9
475	100	-1.88	-77.3	10.7
476	100	-1.76	-72.3	17.0
477	190	-1.43	-62.3	17.0
478	140	-2.58	-98.4	23.4
479	140	-2.27	-86.6	19.9
480	30	-3.42	-91.9	9.2
481	30	-3.65	-98.0	13.9
482	90	-1.60	-65.8	26.6
483	110	-1.92	-66.8	17.1
484	190	-1.35	-59.0	23.0
485	150	-3.06	-109.4	17.2
486	150	-2.33	-83.2	16.0
487	140	-1.12	-42.7	8.9
488	140	-1.18	-45.1	16.8
489	140	-1.14	-43.4	25.5
490	100	-1.26	-51.9	21.3
491	150	-.91	-32.3	21.9
492	150	-1.13	-40.2	15.6
493	90	-1.06	-43.5	14.1
801	310	-1.53	-44.5	22.5
802	130	-1.26	-48.1	29.1
803	130	-1.48	-56.4	30.1
804	20	-2.16	-58.1	26.4
805	40	-1.94	-50.4	22.4
806	40	-1.62	-42.2	30.4
807	220	-1.39	-35.0	32.7
808	210	-1.75	-44.0	25.7
809	210	-1.93	-48.5	22.0
810	300	-1.75	-49.9	32.7
811	120	-1.25	-43.4	31.1
812	130	-1.60	-61.0	21.9
813	60	-.71	-23.6	6.9
814	80	-.58	-23.7	5.7
815	100	-.72	-29.7	8.8
901	170	-1.03	-44.9	24.2
902	170	-1.11	-48.5	38.0
903	230	-1.26	-31.8	25.6
904	110	-1.62	-56.6	23.5
905	120	1.25	-35.0	43.7
906	90	-1.17	-48.1	16.5
907	100	-2.07	-85.1	43.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
306	130	-3.72	-142.1	30.6
378	140	-3.55	-135.6	33.5
412	20	-4.50	-120.8	39.3
105	130	-3.15	-120.3	25.3
315	140	-3.03	-115.6	39.4
205	210	-4.51	-113.6	32.1
485	150	-3.06	-109.4	17.2
419	20	-4.04	-108.5	39.6
406	210	-4.28	-108.0	19.6
305	310	-3.66	-106.2	17.4
181	130	-2.76	-105.5	27.9
405	30	-3.86	-103.9	28.8
206	40	-3.96	-103.2	25.0
420	20	-3.83	-102.9	38.1
379	140	-2.61	-99.7	31.3

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 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 ----
105	124	-3.06	-117.0	4.9	306	128	-3.76	-143.6	15.0	319	284	-3.66	-104.6	18.3
106	308	-3.43	-99.4	10.0	307	296	-2.69	-76.7	16.4	320	296	-4.08	-116.5	18.1
115	320	-3.79	-109.9	4.9	312	294	-4.35	-124.2	14.1	327	292	-3.08	-88.0	20.2
305	302	-3.71	-106.0	11.4	315	138	-2.39	-91.4	21.7					

TABLE 6A. PEAK LOADS FOR CONFIGURATION 8 : HOUSTON CENTER FOUR, HOUSTON
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE = 42.0 PSF

* * 11 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PSF	POSITIVE PEAK ----
306	128	-3.76	-143.6	15.0
312	294	-4.35	-124.2	14.1
105	124	-3.06	-117.0	4.9
320	296	-4.08	-116.5	18.1
115	320	-3.79	-109.9	4.9
305	302	-3.71	-106.0	11.4
319	284	-3.66	-104.6	18.3
106	308	-3.43	-99.4	10.0
315	138	-2.39	-91.4	21.7
327	292	-3.08	-88.0	20.2
307	296	-2.69	-76.7	16.4

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : HOUSTON CENTER FOUR, HOUSTON
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 42.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG PSF LOAD
106	300	-94.1	308	-99.4
115	320	-94.3	320	-109.9
312	290	-97.8	294	-124.2
319	290	-88.0	284	-104.6
320	290	-98.7	296	-116.5

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : HOUSTON CENTER FOUR, HOUSTON
CONFIGURATION A REFERENCE PRESSURE 42.0 GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-473.0	-843.5	508.3	-285.2	-11.5	8	5
10	-1393.8	-487.7	254.5	-675.0	-19.3	3	10
20	-3530.1	195.8	-105.0	-1598.5	-2.0	-0	0
30	-5118.6	773.6	-365.2	-2197.7	9.0	-0	-1
40	-5468.1	-281.3	142.1	-2303.3	-16.9	0	2
50	-5461.2	-655.9	326.7	-2274.4	-62.2	1	9
60	-7092.7	1368.6	-559.1	-2926.5	-81.7	-2	9
70	-6767.8	3765.3	-1561.0	-2768.9	-45.7	-2	4
80	-7697.8	6709.1	-2804.0	-3097.4	-20.3	-1	1
90	-6564.1	7971.7	-3316.8	-2585.0	3.1	0	-0
100	-4744.3	8466.9	-3531.1	-1749.5	38.0	3	-2
110	-1870.2	7087.1	-2993.9	-493.2	82.4	8	-2
120	-19.4	6720.1	-2879.1	332.1	53.8	6	-0
130	-555.6	7127.1	-3092.9	-190.0	-10.0	-1	0
140	-26.0	6899.1	-2933.2	-236.2	-73.0	-8	0
150	2105.1	6444.2	-2715.3	767.1	-63.4	-7	-2
160	3944.3	6130.6	-2543.0	1625.0	-24.4	-2	-1
170	6506.8	6299.8	-2611.1	2690.8			0
180	7583.6	4353.9	-1804.1	3130.3	37.6	2	3
190	8005.9	1630.6	-707.7	3334.8	79.9	2	8
200	4651.2	-838.5	309.4	1980.1	40.3	-1	7
210	4983.4	-460.5	25.0	2140.5	-11.3	0	-2
220	5158.8	-243.5	-175.8	2191.8	-49.4	0	-8
230	5222.9	-1416.5	364.0	2198.0	-48.4	2	-7
240	5103.1	-2748.4	997.8	2114.4	-25.2	2	-3
250	4571.4	-3410.5	1321.3	1894.9	-9.4	2	-1
260	3880.1	-3943.5	1578.3	1596.2	7.9	1	1
270	3213.7	-4094.4	1696.3	1288.7	19.8	1	2
280	2612.2	-3158.0	1381.2	1011.0	18.2	1	2
290	1730.9	-2780.0	1334.4	610.1	28.9	1	4
300	-392.5	-3319.0	1606.2	-274.9	10.2	-0	-0
310	192.8	-3387.3	1694.1	148.9	-7.5	0	-0
320	-331.0	-2040.1	1130.2	-87.7	-21.4	5	1
330	-430.1	-1532.9	938.8	-255.0	-18.5	9	3
340	-1164.3	-1536.5	954.5	-667.4	-7.8	7	2
350	-935.5	-1535.5	914.9	-542.3	-17.2	7	4

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-473.0	-843.5	508.3	-285.2	-11.5
TERR	16.50	-10.8	-4.0	4114	4114	-2.6	-1.0	12	34	-462.2	-839.5	494.4	-277.5	-11.0
MEZZ	29.50	-5.4	-4.6	2502	2502	-2.2	-1.8	16	18	-456.8	-834.9	483.6	-271.5	-10.8
1ST	56.50	-14.4	-9.2	4185	4185	-3.4	-2.2	11	18	-442.4	-825.7	461.1	-259.4	-10.3
2ND	69.50	-7.5	-4.7	2015	2015	-3.7	-2.3	12	18	-435.0	-821.0	450.4	-253.7	-10.1
3RD	82.50	-6.9	-4.4	2015	2015	-3.4	-2.2	12	19	-428.1	-816.6	439.8	-248.1	-9.8
4TH	95.50	-6.3	-4.1	2015	2015	-3.1	-2.0	13	21	-421.7	-812.6	429.2	-242.6	-9.6
5TH	108.50	-5.8	-3.7	2015	2015	-2.9	-1.9	14	22	-416.0	-808.8	418.7	-237.1	-9.4
6TH	121.50	-5.2	-3.4	2015	2015	-2.6	-1.7	15	24	-410.7	-805.4	408.2	-231.8	-9.2
7TH	134.50	-4.7	-3.1	2015	2015	-2.3	-1.5	17	26	-406.0	-802.3	397.7	-226.4	-8.9
8TH	147.50	-4.1	-2.8	2015	2015	-2.0	-1.4	19	28	-401.9	-799.5	387.3	-221.2	-8.7
9TH	160.50	-3.5	-2.5	2015	2015	-1.8	-1.2	22	31	-398.4	-797.0	376.9	-216.0	-8.5
10TH	173.50	-2.8	-2.5	2015	2015	-1.4	-1.3	27	30	-395.6	-794.5	366.6	-210.8	-8.3
11TH	186.50	-2.0	-2.6	2015	2015	-1.0	-1.3	34	26	-393.6	-791.9	356.3	-205.7	-8.2
12TH	199.50	-1.2	-2.6	2015	2015	-.6	-1.3	40	18	-392.4	-789.3	346.0	-200.6	-8.0
13TH	212.50	-.4	-2.7	2015	2015	-.2	-1.3	42	7	-392.0	-786.6	335.8	-195.5	-7.9
14TH	225.50	.3	-2.7	2015	2015	.2	-1.3	38	-5	-392.3	-783.9	325.5	-190.4	-7.7
15TH	238.50	1.1	-2.7	2015	2015	.6	-1.4	29	-12	-393.4	-781.2	315.4	-185.3	-7.6
16TH	251.50	1.9	-2.8	2015	2015	.9	-1.4	19	-13	-395.3	-778.4	305.2	-180.2	-7.5
17TH	264.50	1.9	-3.0	2015	2015	1.0	-1.5	17	-11	-397.3	-775.4	295.1	-175.0	-7.4
18TH	277.50	1.8	-3.2	2015	2015	.9	-1.6	16	-9	-399.1	-772.2	285.1	-169.8	-7.3
19TH	290.50	1.7	-3.5	2015	2015	.8	-1.7	15	-7	-400.7	-768.7	275.1	-164.6	-7.3
20TH	303.50	1.5	-3.7	2015	2015	.8	-1.9	14	-6	-402.3	-764.9	265.1	-159.4	-7.2
21ST	316.50	1.4	-4.0	2015	2015	.7	-2.0	13	-5	-403.7	-760.9	255.2	-154.2	-7.1
22ND	329.50	1.2	-4.2	2015	2015	.6	-2.1	12	-3	-404.9	-756.7	245.3	-148.9	-7.0
		1.1	-4.5	2015	2015	.5	-2.2	11	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-406.0	-752.2	235.5	-143.6	-7.0
24TH	355.50	.8	-4.8	2015	2015	.4	-2.4	10	-2	-406.8	-747.4	225.8	-138.4	-6.9
25TH	368.50	.2	-5.2	2015	2015	.1	-2.6	9	-0	-407.1	-742.2	216.1	-133.1	-6.9
26TH	381.50	-.4	-5.7	2015	2015	-.2	-2.8	8	1	-406.7	-736.5	206.5	-127.8	-6.8
27TH	394.50	-1.0	-6.1	2015	2015	-.5	-3.0	7	1	-405.7	-730.4	196.9	-122.5	-6.7
28TH	407.50	-1.6	-6.5	2015	2015	-.8	-3.2	7	2	-404.1	-723.9	187.5	-117.2	-6.7
29TH	420.50	-2.2	-7.0	2015	2015	-1.1	-3.5	6	2	-401.9	-716.9	178.1	-112.0	-6.6
30TH	433.50	-2.8	-7.4	2015	2015	-1.4	-3.7	5	2	-399.2	-709.6	168.8	-106.8	-6.6
31ST	446.50	-3.4	-7.8	2015	2015	-1.7	-3.9	5	2	-395.8	-701.7	159.7	-101.6	-6.5
32ND	459.50	-4.0	-8.9	2015	2015	-2.0	-4.4	5	2	-391.8	-692.9	150.6	-96.5	-6.4
33RD	472.50	-4.5	-9.9	2015	2015	-2.3	-4.9	6	3	-387.3	-683.0	141.7	-91.4	-6.4
34TH	485.50	-5.1	-10.9	2015	2015	-2.5	-5.4	6	3	-382.2	-672.1	132.8	-86.4	-6.3
35TH	498.50	-5.7	-11.9	2015	2015	-2.8	-5.9	7	3	-376.5	-660.2	124.2	-81.5	-6.1
36TH	511.50	-6.3	-13.0	2015	2015	-3.1	-6.4	7	3	-370.2	-647.2	115.7	-76.7	-6.0
37TH	524.50	-6.9	-14.0	2015	2015	-3.4	-6.9	7	3	-363.3	- 1.2	107.4	-71.9	-5.9
38TH	537.50	-7.4	-15.0	2015	2015	-3.7	-7.4	7	4	-355.9	-618.2	99.2	-67.2	-5.7
39TH	550.50	-7.8	-16.3	2015	2015	-3.9	-8.1	7	4	-348.1	-601.9	91 3	-62.6	-5.5
40TH	563.50	-7.9	-17.9	2015	2015	-3.9	-8.9	8	3	-340.2	-584.0	83.6	-58.2	-5.3
41ST	576.50	-8.1	-19.4	2015	2015	-4.0	-9.6	8	3	-332.1	-564.6	76.1	-53.8	-5.1
42ND	589.50	-8.2	-21.0	2015	2015	-4.1	-10.4	8	3	-323.9	-543.6	68.9	-49.5	-4.8
43RD	602.50	-8.4	-22.5	2015	2015	-4.2	-11.2	8	3	-315.5	-521.0	62.0	-45.4	-4.6
44TH	615.50	-8.5	-24.1	2015	2015	-4.2	-12.0	9	3	-307.0	-496.9	55.4	-41.3	-4.3
45TH	628.50	-8.7	-25.7	2015	2015	-4.3	-12.7	9	3	-298.3	-471.3	49.1	-37.4	-4.0
46TH	641.50	-9.0	-27.1	2015	2015	-4.4	-13.5	9	3	-289.3	-444.2	43.1	-33.6	-3.6
47TH	654.50	-10.2	-27.9	2015	2015	-5.1	-13.8	8	3	-279.1	-416.3	37.6	-29.9	-3.3
		-11.5	-28.6	2015	2015	-5.7	-14.2	8	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-267.7	-387.7	32.3	-26.3	-3.0
		-12.7	-29.4	2015	2015	-6.3	-14.6	7	3					
49TH	680.50									-254.9	-358.3	27.5	-22.9	-2.7
		-14.0	-30.1	2015	2015	-6.9	-14.9	7	3					
50TH	693.50									-241.0	-328.2	23.0	-19.7	-2.4
		-15.2	-30.9	2015	2015	-7.6	-15.3	6	3					
51ST	706.50									-225.8	-297.3	18.9	-16.7	-2.1
		-16.5	-31.6	2015	2015	-8.2	-15.7	6	3					
52ND	719.50									-209.3	-265.7	15.3	-13.8	-1.8
		-17.7	-32.4	2015	2015	-8.8	-16.1	6	3					
53RD	732.50									-191.6	-233.3	12.0	-11.2	-1.5
		-19.6	-33.7	2015	2015	-9.7	-16.7	5	3					
54TH	745.50									-172.0	-199.7	9.2	-8.9	-1.2
		-40.1	-63.3	3565	3565	-11.2	-17.7	4	3					
55TH	768.50									-131.9	-136.4	5.4	-5.4	-.7
		-44.0	-50.0	3091	3091	-14.2	-16.2	4	4					
CTWR	788.50									-87.9	-86.5	3.1	-3.2	-.3
		-87.9	-86.5	4980	4980	-17.6	-17.4	1	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-1393.8	-487.7	254.5	-675.0	-19.3
TERR	16.50	-35.0	.5	4114	4114	-8.5	.1	-0	8	-1358.7	-488.2	246.5	-652.2	-19.0
MEZZ	29.50	-24.1	-1.6	2502	2502	-9.6	-.7	1	8	-1334.6	-486.5	240.1	-634.7	-18.7
1ST	56.50	-59.3	-5.9	4185	4185	-14.2	-1.4	1	8	-1275.4	-480.6	227.1	-599.5	-18.1
2ND	69.50	-29.0	-3.9	2015	2015	-14.4	-1.9	1	8	-1246.4	-476.7	220.9	-583.1	-17.8
3RD	82.50	-27.1	-3.9	2015	2015	-13.4	-1.9	1	9	-1219.3	-472.8	214.7	-567.1	-17.5
4TH	95.50	-25.2	-3.9	2015	2015	-12.5	-1.9	2	10	-1194.2	-468.9	208.6	-551.4	-17.2
5TH	108.50	-23.3	-3.9	2015	2015	-11.6	-1.9	2	11	-1170.9	-465.0	202.5	-536.0	-16.9
6TH	121.50	-21.4	-3.9	2015	2015	-10.6	-1.9	2	12	-1149.4	-461.1	196.5	-520.9	-16.6
7TH	134.50	-19.5	-3.9	2015	2015	-9.7	-1.9	3	13	-1129.9	-457.2	190.5	-506.1	-16.2
8TH	147.50	-17.7	-3.9	2015	2015	-8.8	-1.9	3	15	-1112.2	-453.3	184.6	-491.6	-15.9
9TH	160.50	-15.9	-4.0	2015	2015	-7.9	-2.0	4	16	-1096.3	-449.3	178.7	-477.2	-15.5
10TH	173.50	-15.0	-4.2	2015	2015	-7.4	-2.1	5	17	-1081.3	-445.2	172.9	-463.0	-15.2
11TH	186.50	-14.1	-4.4	2015	2015	-7.0	-2.2	5	17	-1067.2	-440.8	167.1	-449.1	-14.9
12TH	199.50	-13.2	-4.6	2015	2015	-6.5	-2.3	6	18	-1054.1	-436.2	161.4	-435.3	-14.5
13TH	212.50	-12.3	-4.8	2015	2015	-6.1	-2.4	7	18	-1041.8	-431.4	155.8	-421.7	-14.2
14TH	225.50	-11.4	-5.0	2015	2015	-5.6	-2.5	8	18	-1030.4	-426.4	150.2	-408.2	-13.9
15TH	238.50	-10.5	-5.2	2015	2015	-5.2	-2.6	9	19	-1019.9	-421.2	144.7	-394.9	-13.6
16TH	251.50	-9.6	-5.4	2015	2015	-4.8	-2.7	11	19	-1010.3	-415.7	139.3	-381.7	-13.3
17TH	264.50	-9.4	-5.6	2015	2015	-4.6	-2.8	11	19	-1001.0	-410.2	133.9	-368.6	-13.0
18TH	277.50	-9.3	-5.7	2015	2015	-4.6	-2.8	11	19	-991.6	-404.4	128.6	-355.6	-12.7
19TH	290.50	-9.3	-5.8	2015	2015	-4.6	-2.9	12	19	-982.3	-398.6	123.4	-342.8	-12.4
20TH	303.50	-9.3	-6.0	2015	2015	-4.6	-3.0	12	18	-973.0	-392.6	118.3	-330.1	-12.1
21ST	316.50	-9.3	-6.1	2015	2015	-4.6	-3.0	12	18	-963.7	-386.5	113.2	-317.5	-11.8
22ND	329.50	-9.3	-6.2	2015	2015	-4.6	-3.1	12	18	-954.5	-380.3	108.2	-305.0	-11.5
		-9.2	-6.4	2015	2015	-4.6	-3.2	12	18					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-945.2	-373.9	103.3	-292.7	-11.2
24TH	355.50	-9.4	-6.5	2015	2015	-4.6	-3.2	12	18	-935.9	-367.5	98.5	-280.5	-10.9
25TH	368.50	-9.8	-6.5	2015	2015	-4.9	-3.2	12	18	-926.1	-360.9	93.8	-268.4	-10.6
26TH	381.50	-10.2	-6.6	2015	2015	-5.1	-3.3	11	18	-915.8	-354.3	89.1	-256.4	-10.3
27TH	394.50	-10.7	-6.6	2015	2015	-5.3	-3.3	11	18	-905.2	-347.7	84.5	-244.6	-9.9
28TH	407.50	-11.1	-6.7	2015	2015	-5.5	-3.3	11	18	-894.1	-341.0	80.1	-232.9	-9.6
29TH	420.50	-11.5	-6.7	2015	2015	-5.7	-3.3	10	18	-882.5	-334.3	75 7	-221.3	-9.3
30TH	433.50	-12.0	-6.8	2015	2015	-5.9	-3.4	10	18	-870.6	-327.5	71.4	-209.9	-8.9
31ST	446.50	-12.4	-6.8	2015	2015	-6.2	-3.4	10	18	-858.2	-320.6	67.2	-198.7	-8.6
32ND	459.50	-13.1	-7.2	2015	2015	-6.5	-3.6	9	17	-845.1	-313.4	63.0	-187.6	-8.2
33RD	472.50	-13.7	-7.6	2015	2015	-6.8	-3.8	9	17	-831.4	-305.8	59.0	-176.7	-7.8
34TH	485.50	-14.4	-8.0	2015	2015	-7.1	-4.0	9	16	-817.0	-297.9	55.1	-166.0	-7.4
35TH	498.50	-15.1	-8.3	2015	2015	-7.5	-4.1	9	16	-801.9	-289.5	51.3	-155.5	-7.0
36TH	511.50	-15.7	-8.7	2015	2015	-7.8	-4.3	9	16	-786.2	-280.8	47.6	-145.2	-6.6
37TH	524.50	-16.4	-9.1	2015	2015	-8.1	-4.5	9	16	-769.8	-271.7	44.0	-135.0	-6.2
38TH	537.50	-17.1	-9.5	2015	2015	-8.5	-4.7	9	15	-752.8	-262.3	40.5	-125.1	-5.8
39TH	550.50	-18.2	-9.8	2015	2015	-9.0	-4.9	8	15	-734.6	-252.5	37.2	-115.5	-5.4
40TH	563.50	-19.7	-10.2	2015	2015	-9.8	-5.1	7	14	-714.8	-242.2	33.9	-106.1	-4.9
41ST	576.50	-21.3	-10.6	2015	2015	-10.6	-5.2	6	13	-693.5	-231.7	30.9	-96.9	-4.5
42ND	589.50	-22.8	-11.0	2015	2015	-11.3	-5.4	6	12	-670.7	-220.7	27.9	-88.0	-4.1
43RD	602.50	-24.4	-11.3	2015	2015	-12.1	-5.6	5	12	-646.4	-209.4	25.1	-79.5	-3.6
44TH	615.50	-25.9	-11.7	2015	2015	-12.9	-5.8	5	11	-620.5	-197.7	22.5	-71.2	-3.2
45TH	628.50	-27.4	-12.1	2015	2015	-13.6	-6.0	5	11	-593.0	-185.6	20.0	-63.4	-2.8
46TH	641.50	-29.0	-12.4	2015	2015	-14.4	-6.1	4	10	-564.0	-173.2	17.7	-55.8	-2.4
47TH	654.50	-30.9	-12.2	2015	2015	-15.3	-6.1	3	9	-533.1	-161.1	15.5	-48.7	-2.0
		-32.8	-12.9	2015	2015	-16.3	-6.0	3	7					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-500.3	-149.0	13.5	-42.0	-1.6
		-34.7	-11.8	2015	2015	-17.2	-5.9	2	6					
49TH	680.50									-465.6	-137.2	11.6	-35.7	-1.3
		-36.6	-11.6	2015	2015	-18.2	-5.8	2	5					
50TH	693.50									-429.0	-125.6	9.9	-29.9	-1.1
		-38.5	-11.5	2015	2015	-19.1	-5.7	1	4					
51ST	706.50									-390.5	-114.1	8.3	-24.6	-.8
		-40.4	-11.3	2015	2015	-20.0	-5.6	1	3					
52ND	719.50									-350.1	-102.8	6.9	-19.8	-.7
		-42.3	-11.1	2015	2015	-21.0	-5.5	1	3					
53RD	732.50									-307.8	-91.7	5.7	-15.5	-.5
		-44.5	-10.8	2015	2015	-22.1	-5.3	1	2					
54TH	745.50									-263.3	-81.0	4.5	-11.8	-.4
		-84.5	-18.0	3565	3565	-23.7	-5.0	0	2					
55TH	768.50									-178.8	-63.0	2.9	-6.7	-.2
		-73.1	-14.3	3091	3091	-23.6	-4.6	0	1					
CTWR	788.50									-105.7	-48.7	1.8	-3.8	-.1
		-105.7	-48.7	4980	4980	-21.2	-9.8	0	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-3530.1	195.8	-105.0	-1598.5	-2.0
TERR	16.50	-65.9	1.9	4114	4114	-16.0	.5	0	-0	-3464.2	193.9	-101.7	-1540.8	-2.0
MEZZ	29.50	-38.2	2.7	2502	2502	-15.3	1.1	0	-1	-3425.9	191.1	-99.2	-1496.0	-2.1
1ST	56.50	-92.0	2.7	4185	4185	-22.0	.6	0	-1	-3334.0	188.5	-94.1	-1404.8	-2.2
2ND	69.50	-44.6	1.1	2015	2015	-22.1	.6	0	-1	-3289.3	187.3	-91.7	-1361.7	-2.2
3RD	82.50	-44.2	1.5	2015	2015	-22.0	.7	0	-1	-3245.1	185.9	-89.2	-1319.2	-2.3
4TH	95.50	-43.9	1.8	2015	2015	-21.8	.9	0	-1	-3201.2	184.0	-86.8	-1277.3	-2.3
5TH	108.50	-43.5	2.2	2015	2015	-21.6	1.1	0	-0	-3157.7	181.9	-84.5	-1236.0	-2.3
6TH	121.50	-43.1	2.5	2015	2015	-21.4	1.3	0	-0	-3114.6	179.3	-82.1	-1195.2	-2.3
7TH	134.50	-42.8	2.9	2015	2015	-21.2	1.4	0	-0	-3071.8	176.4	-79.8	-1155.0	-2.3
8TH	147.50	-42.4	3.3	2015	2015	-21.0	1.6	-0	0	-3029.5	173.1	-77.5	-1115.4	-2.3
9TH	160.50	-42.1	3.5	2015	2015	-20.9	1.8	-0	0	-2987.4	169.6	-75.3	-1076.3	-2.3
10TH	173.50	-42.3	3.2	2015	2015	-21.0	1.6	-0	1	-2945.1	166.4	-73.1	-1037.7	-2.3
11TH	186.50	-42.5	2.8	2015	2015	-21.1	1.4	-0	1	-2902.6	163.6	-71.0	-999.7	-2.2
12TH	199.50	-42.7	2.5	2015	2015	-21.2	1.2	-0	1	-2859.9	161.1	-68.9	-962.2	-2.2
13TH	212.50	-42.9	2.1	2015	2015	-21.3	1.1	-0	1	-2817.1	159.0	-66.8	-925.3	-2.1
14TH	225.50	-43.1	1.8	2015	2015	-21.4	.9	-0	1	-2774.0	157.3	-64.7	-889.0	-2.0
15TH	238.50	-43.3	1.4	2015	2015	-21.5	.7	-0	2	-2730.8	155.8	-62.7	-853.2	-1.9
16TH	251.50	-43.4	1.1	2015	2015	-21.6	.5	-0	2	-2687.3	154.8	-60.7	-818.0	-1.8
17TH	264.50	-44.3	.9	2015	2015	-22.0	.4	-0	2	-2643.1	153.9	-58.7	-783.3	-1.7
18TH	277.50	-45.2	.8	2015	2015	-22.4	.4	-0	2	-2597.8	153.1	-56.7	-749.3	-1.6
19TH	290.50	-46.2	.7	2015	2015	-22.9	.3	-0	2	-2551.6	152.4	-54.7	-715.8	-1.5
20TH	303.50	-47.2	.6	2015	2015	-23.4	.3	-0	2	-2504.5	151.9	-52.7	-682.9	-1.4
21ST	316.50	-48.1	.5	2015	2015	-23.9	.2	-0	2	-2456.3	151.4	-50.7	-650.7	-1.3
22ND	329.50	-49.1	.3	2015	2015	-24.4	.2	-0	2	-2407.2	151.1	-48.8	-619.1	-1.2
		-50.1	.2	2015	2015	-24.9	.1	-0	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 29 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-2357.1	150.9	-46.8	-588.1	-1.0
24TH	355.50	-51.1	.2	2015	2015	-25.3	.1	-0	2	-2306.0	150.6	-44.8	-557.8	-.9
25TH	368.50	-52.1	.4	2015	2015	-25.8	.2	-0	2	-2254.0	150.2	-42.9	-528.2	-.8
26TH	381.50	-53.1	.6	2015	2015	-26.3	.3	-0	2	-2200.9	149.6	-40.9	-499.2	-.6
27TH	394.50	-54.1	.9	2015	2015	-26.8	.4	-0	2	-2146.8	148.7	-39.0	-470.9	-.5
28TH	407.50	-55.1	1.1	2015	2015	-27.3	.5	-0	2	-2091.7	147.6	-37.1	-443.4	-.3
29TH	420.50	-56.1	1.3	2015	2015	-27.8	.6	-0	2	-2035.7	146.4	-35.2	-416.6	-.1
30TH	433.50	-57.1	1.5	2015	2015	-28.3	.7	-0	3	-1978.6	144.9	-33.3	-390.5	.0
31ST	446.50	-58.1	1.7	2015	2015	-28.8	.8	-0	3	-1920.5	143.2	-31.4	-365.1	.2
32ND	459.50	-58.8	1.8	2015	2015	-29.2	.9	-0	3	-1861.7	141.4	-29.5	-340.5	.4
33RD	472.50	-59.5	1.8	2015	2015	-29.5	.9	-0	3	-1802.2	139.6	-27.7	-316.7	.7
34TH	485.50	-60.2	1.9	2015	2015	-29.9	.9	-0	3	-1742.0	137.7	-25.9	-293.7	.9
35TH	498.50	-60.9	2.0	2015	2015	-30.2	1.0	-0	4	-1681.1	135.8	-24.1	-271.4	1.2
36TH	511.50	-61.6	2.0	2015	2015	-30.6	1.0	-0	4	-1619.5	133.8	-22.4	-250.0	1.5
37TH	524.50	-62.3	2.1	2015	2015	-30.9	1.0	-0	4	-1557.2	131.7	-20.7	-229.3	1.8
38TH	537.50	-63.0	2.1	2015	2015	-31.3	1.1	-0	4	-1494.2	129.5	-19.0	-209.5	2.1
39TH	550.50	-63.9	2.5	2015	2015	-31.7	1.3	-0	4	-1430.2	127.0	-17.3	-190.5	2.4
40TH	563.50	-65.0	3.2	2015	2015	-32.3	1.6	-0	4	-1365.2	123.8	-15.7	-172.3	2.7
41ST	576.50	-66.1	3.8	2015	2015	-32.8	1.9	-0	3	-1299.0	120.0	-14.1	-155.0	3.0
42ND	589.50	-67.2	4.4	2015	2015	-33.4	2.2	-0	3	-1231.8	115.6	-12.6	-138.6	3.3
43RD	602.50	-68.4	5.1	2015	2015	-33.9	2.5	-0	3	-1163.4	110.5	-11.1	-123.0	3.5
44TH	615.50	-69.5	5.7	2015	2015	-34.5	2.8	-0	2	-1094.0	104.8	-9.7	-108.3	3.7
45TH	628.50	-70.6	6.3	2015	2015	-35.0	3.1	-0	2	-1023.4	98.5	-8.4	-94.6	3.8
46TH	641.50	-71.6	6.9	2015	2015	-35.5	3.4	-0	1	-951.8	91.6	-7.1	-81.7	4.0
47TH	654.50	-72.5	7.2	2015	2015	-36.0	3.6	-0	0	-879.3	84.4	-6.0	-69.8	4.0
		-73.4	7.4	2015	2015	-36.4	3.7	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-805.9	77.0	-4.9	-58.9	4.0
49TH	680.50	-74.3	7.6	2015	2015	-36.9	3.8	0	-1	-731.6	69.4	-4.0	-48.9	3.8
50TH	693.50	-75.2	7.9	2015	2015	-37.3	3.9	0	-2	-656.4	61.5	-3.1	-39.8	3.6
51ST	706.50	-76.1	8.1	2015	2015	-37.8	4.0	0	-3	-580.3	53.4	-2.4	-31.8	3.3
52ND	719.50	-77.0	8.4	2015	2015	-38.2	4.1	0	-4	-503.3	45.0	-1.7	-24.8	2.9
53RD	732.50	-77.9	8.6	2015	2015	-38.6	4.3	1	-5	-425.4	36.4	-1.2	-18.7	2.5
54TH	745.50	-77.5	8.6	2015	2015	-38.5	4.3	1	-5	-347.9	27.8	-.8	-13.7	1.9
55TH	768.50	-134.7	15.2	3565	3565	-37.8	4.3	1	-6	-213.3	12.6	-.3	-7.2	.8
CTWR	788.50	-102.8	8.3	3091	3091	-33.2	2.7	1	-7	-110.5	4.4	-.2	-4.0	-.0
TOP	861.00	-110.5	4.4	4980	4980	-22.2	.9	-0	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-5118.6	773.6	-365.2	-2197.7	9.0
TERR	16.50	-100.6	.8	4114	4114	-24.5	.2	0	-6	-5018.0	772.8	-352.5	-2114.1	8.2
MEZZ	29.50	-57.6	1.5	2502	2502	-23.0	.6	0	-4	-4960.4	771.3	-342.5	-2049.2	7.9
1ST	56.50	-132.9	1.2	4185	4185	-31.8	.3	0	-4	-4827.4	770.1	-321.6	-1917.1	7.3
2ND	69.50	-62.5	1.4	2015	2015	-31.0	.7	0	-5	-4765.0	768.7	-311.6	-1854.7	6.9
3RD	82.50	-63.5	2.7	2015	2015	-31.5	1.3	0	-5	-4701.5	766.1	-301.7	-1793.2	6.6
4TH	95.50	-64.5	3.9	2015	2015	-32.0	1.9	0	-5	-4637.0	762.2	-291.7	-1732.5	6.2
5TH	108.50	-65.5	5.2	2015	2015	-32.5	2.6	0	-5	-4571.5	757.0	-281.9	-1672.7	5.8
6TH	121.50	-66.6	6.4	2015	2015	-33.0	3.2	0	-5	-4504.9	750.5	-272.1	-1613.7	5.4
7TH	134.50	-67.6	7.7	2015	2015	-33.5	3.8	1	-4	-4437.3	742.8	-262.4	-1555.5	5.1
8TH	147.50	-68.6	9.0	2015	2015	-34.1	4.4	1	-4	-4368.7	733.9	-252.8	-1498.3	4.7
9TH	160.50	-69.6	10.1	2015	2015	-34.6	5.0	1	-4	-4299.0	723.7	-243.3	-1442.0	4.3
10TH	173.50	-70.6	10.7	2015	2015	-35.0	5.3	1	-4	-4228.5	713.0	-233.9	-1386.5	3.9
11TH	186.50	-71.5	11.3	2015	2015	-35.5	5.6	1	-4	-4157.0	701.7	-224.7	-1332.0	3.6
12TH	199.50	-72.4	11.9	2015	2015	-35.9	5.9	1	-4	-4084.5	689.8	-215.7	-1278.5	3.2
13TH	212.50	-73.4	12.5	2015	2015	-36.4	6.2	1	-3	-4011.2	677.4	-206.8	-1225.8	2.9
14TH	225.50	-74.3	13.0	2015	2015	-36.9	6.5	1	-3	-3936.9	664.3	-198.1	-1174.2	2.6
15TH	238.50	-75.2	13.6	2015	2015	-37.3	6.8	1	-3	-3861.7	650.7	-189.5	-1123.5	2.4
16TH	251.50	-76.2	14.2	2015	2015	-37.8	7.0	0	-3	-3785.5	636.5	-181.2	-1073.8	2.1
17TH	264.50	-77.0	14.4	2015	2015	-38.2	7.1	0	-2	-3708.5	622.1	-173.0	-1025.1	1.9
18TH	277.50	-77.7	14.5	2015	2015	-38.6	7.2	0	-2	-3630.8	607.6	-165.0	-977.4	1.6
19TH	290.50	-78.5	14.6	2015	2015	-39.0	7.2	0	-2	-3552.3	593.1	-157.2	-930.7	1.4
20TH	303.50	-79.3	14.6	2015	2015	-39.3	7.3	0	-2	-3473.0	578.4	-149.6	-885.0	1.2
21ST	316.50	-80.1	14.7	2015	2015	-39.7	7.3	0	-2	-3392.9	563.7	-142.2	-840.4	1.0
22ND	329.50	-80.8	14.8	2015	2015	-40.1	7.4	0	-2	-3312.1	548.9	-134.9	-796.8	.8
		-81.6	14.9	2015	2015	-40.5	7.4	0	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-3230.5	533.9	-127.9	-754.3	.6
24TH	355.50	-82.4	15.0	2015	2015	-40.9	7.4	0	-2	-3148.0	519.0	-121.0	-712.8	.4
25TH	368.50	-83.4	15.0	2015	2015	-41.4	7.5	0	-1	-3064.6	503.9	-114.4	-672.4	.3
26TH	381.50	-84.4	15.1	2015	2015	-41.9	7.5	0	-1	-2980.2	488.8	-107.9	-633.1	.2
27TH	394.50	-85.4	15.2	2015	2015	-42.4	7.5	0	-1	-2894.8	473.6	-101.7	-594.9	.0
28TH	407.50	-86.4	15.2	2015	2015	-42.9	7.6	0	-1	-2808.5	458.4	-95.6	-557.9	-.0
29TH	420.50	-87.3	15.3	2015	2015	-43.3	7.6	0	-1	-2721.1	443.1	-89.8	-521.9	-.1
30TH	433.50	-88.3	15.4	2015	2015	-43.8	7.6	0	-0	-2632.8	427.7	-84.1	-487.1	-.1
31ST	446.50	-89.3	15.4	2015	2015	-44.3	7.7	0	-0	-2543.5	412.3	-78.7	-453.5	-.1
32ND	459.50	-89.6	15.2	2015	2015	-44.5	7.5	-0	0	-2453.9	397.1	-73.4	-421.0	-.1
33RD	472.50	-89.9	14.9	2015	2015	-44.6	7.4	-0	0	-2363.9	382.2	-68.3	-389.7	-.1
34TH	485.50	-90.3	14.6	2015	2015	-44.8	7.3	-0	0	-2273.7	367.6	-63.5	-359.5	-.1
35TH	498.50	-90.6	14.4	2015	2015	-45.0	7.1	-0	0	-2183.1	353.2	-58.8	-330.6	-.0
36TH	511.50	-90.9	14.1	2015	2015	-45.1	7.0	-0	1	-2092.2	339.1	-54.3	-302.8	.0
37TH	524.50	-91.2	13.9	2015	2015	-45.3	6.9	-0	1	-2001.0	325.2	-50.0	-276.2	.1
38TH	537.50	-91.5	13.6	2015	2015	-45.4	6.7	-0	1	-1909.4	311.6	-45.8	-250.8	.3
39TH	550.50	-92.2	13.4	2015	2015	-45.8	6.7	-0	1	-1817.2	298.2	-41.8	-226.5	.4
40TH	563.50	-93.2	13.3	2015	2015	-46.2	6.6	-0	1	-1724.0	284.8	-38.1	-203.5	.5
41ST	576.50	-94.1	13.3	2015	2015	-46.7	6.6	-0	1	-1629.9	271.6	-34.4	-181.7	.6
42ND	589.50	-95.1	13.2	2015	2015	-47.2	6.5	-0	1	-1534.8	258.4	-31.0	-161.1	.7
43RD	602.50	-96.0	13.1	2015	2015	-47.7	6.5	-0	1	-1438.8	245.3	-27.7	-141.8	.9
44TH	615.50	-97.0	13.0	2015	2015	-48.1	6.4	-0	1	-1341.8	232.3	-24.6	-123.7	1.0
45TH	628.50	-97.9	12.9	2015	2015	-48.6	6.4	-0	1	-1243.9	219.4	-21.7	-106.9	1.1
46TH	641.50	-98.8	12.9	2015	2015	-49.0	6.4	-0	1	-1145.1	206.6	-18.9	-91.4	1.2
47TH	654.50	-98.7	13.5	2015	2015	-49.0	6.7	-0	1	-1046.4	193.1	-16.3	-77.2	1.3
		-98.7	14.0	2015	2015	-49.0	7.0	-0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-947.7	179.1	-13.9	-64.2	1.3
		-98.6	14.6	2015	2015	-48.9	7.3	0	-0					
49TH	680.50									-849.1	164.5	-11.7	-52.5	1.3
		-98.6	15.2	2015	2015	-48.9	7.5	0	-1					
50TH	693.50									-750.5	149.3	-9.6	-42.1	1.2
		-98.5	15.8	2015	2015	-48.9	7.8	0	-1					
51ST	706.50									-652.0	133.5	-7.8	-33.0	1.1
		-98.5	16.3	2015	2015	-48.9	8.1	0	-1					
52ND	719.50									-553.5	117.2	-6.2	-25.2	.9
		-98.4	16.9	2015	2015	-48.8	8.4	0	-2					
53RD	732.50									-455.1	100.3	-4.7	-18.6	.7
		-94.2	17.3	2015	2015	-46.8	8.6	0	-2					
54TH	745.50									-360.8	82.9	-3.6	-13.3	.4
		-151.4	31.6	3565	3565	-42.5	8.9	1	-2					
55TH	768.50									-209.5	51.3	-2.0	-6.8	-.0
		-108.6	19.0	3091	3091	-35.1	6.1	1	-3					
CTWR	788.50									-100.8	32.3	-1.2	-3.7	-.5
		-100.8	32.3	4980	4980	-20.2	6.5	-1	4					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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													
		-112.9	-4.4	4114	4114	-27.4	-1.1	-0	-5	-5468.1	-281.3	142.1	-2303.3	-16.9
TERR	16.50													
		-62.3	-4.6	2502	2502	-24.9	-1.8	-0	-3	-5355.2	-276.9	137.5	-2214.0	-17.6
MEZZ	29.50													
		-141.7	-8.1	4185	4185	-33.9	-1.9	-0	-1	-5292.9	-272.3	134.0	-2144.8	-17.8
1ST	56.50													
		-66.8	-3.8	2015	2015	-33.2	-1.9	-0	-1	-5151.2	-264.2	126.7	-2003.8	-17.9
2ND	69.50													
		-68.6	-3.7	2015	2015	-34.0	-1.9	-0	-1	-5084.3	-260.4	123.3	-1937.3	-18.0
3RD	82.50													
		-70.3	-3.7	2015	2015	-34.9	-1.8	-0	-1	-5015.8	-256.6	119.9	-1871.6	-18.1
4TH	95.50													
		-72.0	-3.6	2015	2015	-35.7	-1.8	-0	-0	-4945.5	-253.0	116.6	-1806.9	-18.1
5TH	108.50													
		-73.7	-3.6	2015	2015	-36.6	-1.8	-0	-0	-4873.6	-249.3	113.4	-1743.0	-18.2
6TH	121.50													
		-75.4	-3.5	2015	2015	-37.4	-1.7	-0	-0	-4799.9	-245.8	110.1	-1680.2	-18.2
7TH	134.50													
		-77.1	-3.5	2015	2015	-38.2	-1.7	0	0	-4724.6	-242.3	107.0	-1618.3	-18.2
8TH	147.50													
		-78.7	-3.4	2015	2015	-39.1	-1.7	0	0	-4647.5	-238.8	103.9	-1557.3	-18.2
9TH	160.50													
		-79.9	-3.1	2015	2015	-39.7	-1.5	0	0	-4568.8	-235.5	100.8	-1497.4	-18.1
10TH	173.50													
		-81.1	-2.9	2015	2015	-40.3	-1.4	0	0	-4488.9	-232.3	97.7	-1438.6	-18.1
11TH	186.50													
		-82.4	-2.6	2015	2015	-40.9	-1.3	0	1	-4407.7	-229.5	94.7	-1380.7	-18.0
12TH	199.50													
		-83.6	-2.4	2015	2015	-41.5	-1.2	0	1	-4325.4	-226.9	91.8	-1324.0	-18.0
13TH	212.50													
		-84.8	-2.1	2015	2015	-42.1	-1.0	0	1	-4241.8	-224.5	88.8	-1268.3	-17.9
14TH	225.50													
		-86.0	-1.8	2015	2015	-42.7	-.9	0	1	-4156.9	-222.4	85.9	-1213.7	-17.9
15TH	238.50													
		-87.3	-1.6	2015	2015	-43.3	-.8	0	1	-4070.9	-220.6	83.0	-1160.2	-17.8
16TH	251.50													
		-87.9	-1.6	2015	2015	-43.6	-.8	0	1	-3983.7	-219.0	80.2	-1107.9	-17.7
17TH	264.50													
		-88.4	-1.8	2015	2015	-43.9	-.9	0	1	-3895.8	-217.3	77.3	-1056.6	-17.6
18TH	277.50													
		-88.8	-1.9	2015	2015	-44.1	-.9	0	1	-3807.4	-215.6	74.5	-1006.6	-17.5
19TH	290.50													
		-89.3	-2.0	2015	2015	-44.3	-1.0	0	2	-3718.6	-213.7	71.7	-957.6	-17.3
20TH	303.50													
		-89.8	-2.1	2015	2015	-44.6	-1.1	0	2	-3629.2	-211.6	69.0	-909.9	-17.1
21ST	316.50													
		-90.3	-2.3	2015	2015	-44.8	-1.1	0	2	-3539.4	-209.5	66.2	-863.3	-16.9
22ND	329.50													
		-90.8	-2.4	2015	2015	-45.0	-1.2	0	2	-3449.1	-207.2	63.5	-817.9	-16.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-3358.4	-204.8	60.9	-773.6	-16.5
24TH	355.50	-91.3	-2.5	2015	2015	-45.3	-1.2	0	2	-3267.1	-202.3	58.2	-730.6	-16.2
25TH	368.50	-91.9	-2.4	2015	2015	-45.6	-1.2	0	2	-3175.2	-200.0	55.6	-688.7	-15.9
26TH	381.50	-92.5	-2.3	2015	2015	-45.9	-1.1	0	3	-3082.8	-197.7	53.0	-648.0	-15.6
27TH	394.50	-93.1	-2.2	2015	2015	-46.2	-1.1	0	3	-2989.7	-195.4	50.5	-608.5	-15.3
28TH	407.50	-93.7	-2.1	2015	2015	-46.5	-1.1	0	3	-2896.0	-193.3	47.9	-570.3	-15.0
29TH	420.50	-94.3	-2.1	2015	2015	-46.8	-1.0	0	3	-2801.8	-191.2	45.4	-533.2	-14.6
30TH	433.50	-94.9	-2.0	2015	2015	-47.1	-1.0	0	3	-2706.9	-189.2	43.0	-497.4	-14.3
31ST	446.50	-95.4	-1.9	2015	2015	-47.4	-.9	0	3	-2611.5	-187.3	40.5	-462.9	-13.9
32ND	459.50	-95.3	-2.2	2015	2015	-47.3	-1.1	0	3	-2516.2	-185.2	38.1	-429.5	-13.5
33RD	472.50	-95.1	-2.4	2015	2015	-47.2	-1.2	0	3	-2421.1	-182.7	35.7	-397.4	-13.1
34TH	485.50	-94.9	-2.7	2015	2015	-47.1	-1.3	0	3	-2326.2	-180.0	33.3	-366.6	-12.7
35TH	498.50	-94.7	-3.0	2015	2015	-47.0	-1.5	0	3	-2231.5	-177.0	31.0	-337.0	-12.3
36TH	511.50	-94.5	-3.2	2015	2015	-46.9	-1.6	0	4	-2137.0	-173.8	28.7	-308.6	-11.9
37TH	524.50	-94.4	-3.5	2015	2015	-46.8	-1.7	0	4	-2042.6	-170.3	26.5	-281.4	-11.5
38TH	537.50	-94.2	-3.8	2015	2015	-46.7	-1.9	0	4	-1948.4	-166.5	24.3	-255.4	-11.0
39TH	550.50	-94.6	-4.3	2015	2015	-47.0	-2.1	0	4	-1853.8	-162.2	22.2	-230.7	-10.6
40TH	563.50	-95.5	-5.0	2015	2015	-47.4	-2.5	0	4	-1758.3	-157.2	20.1	-207.3	-10.1
41ST	576.50	-96.4	-5.7	2015	2015	-47.9	-2.8	0	4	-1661.9	-151.4	18.1	-185.0	-9.7
42ND	589.50	-97.4	-6.4	2015	2015	-48.3	-3.2	0	4	-1564.5	-145.0	16.2	-164.1	-9.2
43RD	602.50	-98.3	-7.2	2015	2015	-48.8	-3.6	0	4	-1466.2	-137.8	14.3	-144.4	-8.8
44TH	615.50	-99.2	-7.9	2015	2015	-49.2	-3.9	0	4	-1367.1	-129.9	12.6	-125.9	-8.3
45TH	628.50	-100.1	-8.6	2015	2015	-49.7	-4.3	0	4	-1267.0	-121.3	11.0	-108.8	-7.9
46TH	641.50	-100.9	-9.2	2015	2015	-50.1	-4.6	0	4	-1166.1	-112.1	9.4	-93.0	-7.4
47TH	654.50	-100.8	-9.3	2015	2015	-50.0	-4.6	0	4	-1065.2	-102.8	8.0	-78.5	-6.9
		-100.8	-9.4	2015	2015	-50.0	-4.7	0	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-964.4	-93.4	6.8	-65.3	-6.4
		-100.8	-9.4	2015	2015	-50.0	-4.7	0	4					
49TH	680.50									-863.7	-84.0	5.6	-53.4	-5.9
		-100.7	-9.5	2015	2015	-50.0	-4.7	0	4					
50TH	693.50									-762.9	-74.5	4.6	-42.8	-5.3
		-100.7	-9.6	2015	2015	-50.0	-4.8	0	5					
51ST	706.50									-662.2	-64.9	3.7	-33.6	-4.7
		-100.7	-9.7	2015	2015	-50.0	-4.8	0	5					
52ND	719.50									-561.5	-55.2	2.9	-25.6	-4.1
		-100.6	-9.7	2015	2015	-49.9	-4.8	0	5					
53RD	732.50									-460.9	-45.5	2.2	-19.0	-3.5
		-95.8	-9.6	2015	2015	-47.5	-4.8	1	5					
54TH	745.50									-365.1	-35.8	1.7	-13.6	-2.9
		-151.8	-16.5	3565	3565	-42.6	-4.6	1	6					
55TH	768.50									-213.3	-19.4	1.1	-7.0	-1.8
		-108.9	-.2	3091	3091	-35.2	-.1	0	6					
CTWR	788.50									-104.4	-19.1	.7	-3.8	-1.0
		-104.4	-19.1	4980	4980	-21.0	-3.8	1	7					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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													
		-132.0	6.8	4114	4114	-32.1	1.7	-0	1	-5461.2	-655.9	326.7	-2274.4	-62.2
TERR	16.50	-71.0	-.6	2502	2502	-28.4	-.2	0	1	-5329.2	-662.7	315.8	-2185.4	-62.1
MEZZ	29.50	-154.2	1.7	4185	4185	-36.8	.4	-0	3	-5258.1	-662.1	307.2	-2116.6	-62.0
1ST	56.50	-73.1	1.8	2015	2015	-36.3	.9	-0	4	-5104.0	-663.8	289.3	-1976.7	-61.4
2ND	69.50	-73.9	1.2	2015	2015	-36.7	.6	-0	5	-5030.9	-665.6	280.7	-1910.8	-61.0
3RD	82.50	-74.7	.5	2015	2015	-37.1	.3	-0	5	-4957.0	-666.8	272.0	-1845.9	-60.5
4TH	95.50	-75.6	-.1	2015	2015	-37.5	-.0	0	5	-4882.3	-667.3	263.3	-1781.9	-60.1
5TH	108.50	-76.4	-.7	2015	2015	-37.9	-.4	0	6	-4806.8	-667.2	254.7	-1718.9	-59.6
6TH	121.50	-77.2	-1.4	2015	2015	-38.3	-.7	0	6	-4730.4	-666.5	246.0	-1656.9	-59.0
7TH	134.50	-78.0	-2.0	2015	2015	-38.7	-1.0	0	7	-4653.2	-665.1	237.3	-1595.9	-58.4
8TH	147.50	-78.9	-2.7	2015	2015	-39.1	-1.3	0	7	-4575.1	-663.1	228.7	-1536.0	-57.8
9TH	160.50	-79.8	-3.7	2015	2015	-39.6	-1.8	0	7	-4496.2	-660.5	220.1	-1477.0	-57.1
10TH	173.50	-80.8	-4.7	2015	2015	-40.1	-2.3	0	7	-4416.4	-656.8	211.5	-1419.1	-56.4
11TH	186.50	-81.8	-5.6	2015	2015	-40.6	-2.8	1	7	-4335.6	-652.1	203.0	-1362.2	-55.6
12TH	199.50	-82.7	-6.6	2015	2015	-41.0	-3.3	1	7	-4253.8	-646.5	194.6	-1306.3	-54.9
13TH	212.50	-83.7	-7.6	2015	2015	-41.5	-3.8	1	8	-4171.1	-639.9	186.2	-1251.6	-54.1
14TH	225.50	-84.6	-8.6	2015	2015	-42.0	-4.3	1	8	-4087.5	-632.2	178.0	-1197.9	-53.3
15TH	238.50	-85.6	-9.6	2015	2015	-42.5	-4.8	1	8	-4002.9	-623.6	169.8	-1145.3	-52.5
16TH	251.50	-86.0	-10.3	2015	2015	-42.7	-5.1	1	8	-3917.3	-614.0	161.8	-1093.8	-51.7
17TH	264.50	-86.4	-10.8	2015	2015	-42.9	-5.4	1	8	-3831.2	-603.8	153.8	-1043.5	-50.8
18TH	277.50	-86.7	-11.4	2015	2015	-43.0	-5.7	1	8	-3744.9	-593.0	146.1	-994.2	-49.9
19TH	290.50	-87.1	-12.0	2015	2015	-43.2	-5.9	1	8	-3658.1	-581.6	138.4	-946.1	-49.0
20TH	303.50	-87.4	-12.5	2015	2015	-43.4	-6.2	1	9	-3571.1	-569.6	130.9	-899.1	-48.1
21ST	316.50	-87.7	-13.1	2015	2015	-43.5	-6.5	1	9	-3483.7	-557.0	123.6	-853.3	-47.2
22ND	329.50	-88.1	-13.7	2015	2015	-43.7	-6.8	1	9	-3395.9	-543.9	116.5	-808.5	-46.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-3307.9	-530.2	109.5	-765.0	-45.2
		-88.5	-14.3	2015	2015	-43.9	-7.1	1	9					
24TH	355.50									-3219.4	-515.9	102.7	-722.5	-44.2
		-89.1	-14.9	2015	2015	-44.2	-7.4	2	9					
25TH	368.50									-3130.3	-501.1	96.1	-681.3	-43.1
		-89.7	-15.5	2015	2015	-44.5	-7.7	2	9					
26TH	381.50									-3040.5	-485.6	89.7	-641.2	-42.1
		-90.3	-16.1	2015	2015	-44.8	-8.0	2	9					
27TH	394.50									-2950.2	-469.6	83.4	-602.2	-41.0
		-90.9	-16.6	2015	2015	-45.1	-8.3	2	9					
28TH	407.50									-2859.3	-452.9	77.4	-564.5	-39.9
		-91.5	-17.2	2015	2015	-45.4	-8.6	2	9					
29TH	420.50									-2767.8	-435.7	71.7	-527.9	-38.8
		-92.1	-17.8	2015	2015	-45.7	-8.8	2	9					
30TH	433.50									-2675.7	-417.9	66.1	-492.5	-37.7
		-92.7	-18.4	2015	2015	-46.0	-9.1	2	9					
31ST	446.50									-2583.0	-399.5	60.8	-458.3	-36.5
		-92.8	-18.3	2015	2015	-46.1	-9.1	2	9					
32ND	459.50									-2490.2	-381.1	55.7	-425.3	-35.4
		-93.0	-18.3	2015	2015	-46.1	-9.1	2	10					
33RD	472.50									-2397.2	-362.9	50.9	-393.6	-34.2
		-93.1	-18.2	2015	2015	-46.2	-9.0	2	10					
34TH	485.50									-2304.0	-344.7	46.3	-363.0	-33.1
		-93.3	-18.1	2015	2015	-46.3	-9.0	2	10					
35TH	498.50									-2210.8	-326.6	41.9	-333.7	-31.9
		-93.4	-18.0	2015	2015	-46.4	-8.9	2	10					
36TH	511.50									-2117.4	-308.6	37.8	-305.5	-30.8
		-93.5	-17.9	2015	2015	-46.4	-8.9	2	10					
37TH	524.50									-2023.8	-290.6	33.9	-278.6	-29.6
		-93.7	-17.9	2015	2015	-46.5	-8.9	2	10					
38TH	537.50									-1930.2	-272.8	30.3	-252.9	-28.4
		-94.2	-17.9	2015	2015	-46.7	-8.9	2	10					
39TH	550.50									-1836.0	-254.9	26.8	-228.4	-27.2
		-94.9	-18.0	2015	2015	-47.1	-8.9	2	10					
40TH	563.50									-1741.1	-236.9	23.6	-205.2	-26.0
		-95.7	-18.1	2015	2015	-47.5	-9.0	2	10					
41ST	576.50									-1645.4	-218.8	20.7	-183.2	-24.8
		-96.4	-18.2	2015	2015	-47.9	-9.0	2	10					
42ND	589.50									-1549.0	-200.7	17.9	-162.4	-23.6
		-97.2	-18.3	2015	2015	-48.2	-9.1	2	10					
43RD	602.50									-1451.8	-182.4	15.5	-142.9	-22.3
		-97.9	-18.4	2015	2015	-48.6	-9.1	2	10					
44TH	615.50									-1353.9	-164.0	13.2	-124.7	-21.1
		-98.7	-18.4	2015	2015	-49.0	-9.2	2	10					
45TH	628.50									-1255.2	-145.6	11.2	-107.7	-19.8
		-99.3	-18.4	2015	2015	-49.3	-9.1	2	10					
46TH	641.50									-1155.9	-127.2	9.4	-92.0	-18.5
		-99.5	-17.1	2015	2015	-49.4	-8.5	2	11					
47TH	654.50									-1056.4	-110.2	7.9	-77.7	-17.1
		-99.6	-15.8	2015	2015	-49.4	-7.8	2	11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-956.8	-94.4	6.5	-64.6	-15.7
49TH	680.50	-99.7	-14.5	2015	2015	-49.5	-7.2	2	12	-857.2	-79.9	5.4	-52.8	-14.2
50TH	693.50	-99.8	-13.2	2015	2015	-49.5	-6.5	2	12	-757.4	-66.8	4.5	-42.3	-12.7
51ST	706.50	-99.9	-11.9	2015	2015	-49.6	-5.9	2	13	-657.4	-54.9	3.7	-33.1	-11.1
52ND	719.50	-100.0	-10.6	2015	2015	-49.6	-5.3	1	13	-557.4	-44.3	3.0	-25.2	-9.4
53RD	732.50	-100.1	-9.3	2015	2015	-49.7	-4.6	1	14	-457.3	-35.0	2.5	-18.6	-7.7
54TH	745.50	-95.5	-7.3	2015	2015	-47.4	-3.6	1	14	-361.7	-27.7	2.1	-13.3	-6.0
55TH	768.50	-152.0	-7.4	3565	3565	-42.6	-2.1	1	15	-209.7	-20.2	1.5	-6.7	-3.1
CTWR	788.50	-110.0	8.8	3091	3091	-35.6	2.8	-1	13	-99.6	-29.0	1.1	-3.6	-1.3
TOP	861.00	-99.6	-29.0	4980	4980	-20.0	-5.8	3	10	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-7092.7	1368.6	-559.1	-2926.5	-81.7
TERR	16.50	-172.5	28.8	4114	4114	-41.9	7.0	-1	5	-6920.2	1339.7	-536.8	-2810.9	-80.6
MEZZ	29.50	-99.4	26.9	2502	2502	-39.7	10.7	-0	0	-6820.9	1312.8	-519.5	-2721.6	-80.6
1ST	56.50	-203.7	58.1	4185	4185	-48.7	13.9	-1	2	-6617.2	1254.7	-484.9	-2540.2	-80.0
2ND	69.50	-95.6	28.3	2015	2015	-47.4	14.0	-1	3	-6521.6	1226.4	-468.7	-2454.8	-79.6
3RD	82.50	-96.8	28.0	2015	2015	-48.0	13.9	-1	4	-6424.8	1198.4	-453.0	-2370.6	-79.1
4TH	95.50	-98.1	27.7	2015	2015	-48.7	13.7	-1	4	-6326.7	1170.7	-437.6	-2287.7	-78.5
5TH	108.50	-99.3	27.4	2015	2015	-49.3	13.6	-1	5	-6227.4	1143.3	-422.5	-2206.1	-77.8
6TH	121.50	-100.6	27.1	2015	2015	-49.9	13.5	-2	6	-6126.8	1116.2	-407.8	-2125.8	-77.1
7TH	134.50	-101.8	26.8	2015	2015	-50.5	13.3	-2	6	-6025.0	1089.4	-393.5	-2046.8	-76.3
8TH	147.50	-103.1	26.5	2015	2015	-51.2	13.2	-2	7	-5921.9	1062.8	-379.5	-1969.2	-75.3
9TH	160.50	-104.3	26.2	2015	2015	-51.8	13.0	-2	7	-5817.6	1036.6	-365.9	-1892.9	-74.3
10TH	173.50	-105.2	25.4	2015	2015	-52.2	12.6	-2	7	-5712.4	1011.3	-352.6	-1817.9	-73.3
11TH	186.50	-106.1	24.6	2015	2015	-52.7	12.2	-2	7	-5606.3	986.7	-339.6	-1744.4	-72.3
12TH	199.50	-107.1	23.7	2015	2015	-53.1	11.8	-2	7	-5499.2	963.0	-326.9	-1672.2	-71.3
13TH	212.50	-108.0	22.9	2015	2015	-53.6	11.4	-2	8	-5391.3	940.1	-314.5	-1601.4	-70.2
14TH	225.50	-108.9	22.1	2015	2015	-54.0	11.0	-2	8	-5282.4	918.0	-302.5	-1532.0	-69.1
15TH	238.50	-109.8	21.3	2015	2015	-54.5	10.6	-1	8	-5172.5	896.7	-290.7	-1464.1	-68.0
16TH	251.50	-110.8	20.5	2015	2015	-55.0	10.2	-1	8	-5061.8	876.3	-279.1	-1397.5	-66.9
17TH	264.50	-111.7	19.7	2015	2015	-55.4	9.8	-1	8	-4950.1	856.6	-267.9	-1332.5	-65.8
18TH	277.50	-112.6	18.9	2015	2015	-55.9	9.4	-1	8	-4837.6	837.6	-256.9	-1268.8	-64.6
19TH	290.50	-113.5	18.2	2015	2015	-56.3	9.0	-1	9	-4724.1	819.5	-246.1	-1206.7	-63.3
20TH	303.50	-114.4	17.4	2015	2015	-56.7	8.6	-1	9	-4609.8	802.1	-235.5	-1146.0	-62.0
21ST	316.50	-115.2	16.6	2015	2015	-57.2	8.3	-1	10	-4494.5	785.5	-225.2	-1086.8	-60.6
22ND	329.50	-116.1	15.9	2015	2015	-57.6	7.9	-1	10	-4378.4	769.6	-215.1	-1029.2	-59.1
		-117.0	15.1	2015	2015	-58.1	7.5	-1	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-4261.3	754.5	-205.2	-973.0	-57.6
		-117.9	14.8	2015	2015	-58.5	7.3	-1	10					
24TH	355.50									-4143.4	739.7	-195.5	-918.4	-56.0
		-118.7	15.3	2015	2015	-58.9	7.6	-1	10					
25TH	368.50									-4024.7	724.4	-186.0	-865.3	-54.5
		-119.5	15.8	2015	2015	-59.3	7.9	-1	10					
26TH	381.50									-3905.2	708.5	-176.7	-813.7	-52.9
		-120.3	16.3	2015	2015	-59.7	8.1	-1	10					
27TH	394.50									-3784.9	692.2	-167.6	-763.8	-51.3
		-121.1	16.9	2015	2015	-60.1	8.4	-1	10					
28TH	407.50									-3663.8	675.3	-158.7	-715.3	-49.7
		-121.9	17.4	2015	2015	-60.5	8.6	-1	10					
29TH	420.50									-3541.9	657.9	-150.0	-668.5	-48.1
		-122.7	17.9	2015	2015	-60.9	8.9	-2	10					
30TH	433.50									-3419.3	640.0	-141.6	-623.2	-46.5
		-123.5	18.4	2015	2015	-61.3	9.1	-2	10					
31ST	446.50									-3295.8	621.6	-133.4	-579.6	-44.9
		-123.4	17.6	2015	2015	-61.2	8.7	-1	10					
32ND	459.50									-3172.4	604.0	-125.4	-537.6	-43.3
		-123.3	16.8	2015	2015	-61.2	8.3	-1	11					
33RD	472.50									-3049.1	587.2	-117.7	-497.1	-41.6
		-123.2	16.0	2015	2015	-61.1	7.9	-1	11					
34TH	485.50									-2925.9	571.2	-110.1	-458.3	-39.9
		-123.1	15.2	2015	2015	-61.1	7.5	-1	11					
35TH	498.50									-2802.8	556.1	-102.8	-421.0	-38.2
		-123.0	14.3	2015	2015	-61.1	7.1	-1	11					
36TH	511.50									-2679.7	541.7	-95.7	-385.4	-36.5
		-122.9	13.5	2015	2015	-61.0	6.7	-1	11					
37TH	524.50									-2556.8	528.2	-88.7	-351.4	-34.8
		-122.9	12.7	2015	2015	-61.0	6.3	-1	11					
38TH	537.50									-2433.9	515.5	-81.9	-318.9	-33.0
		-122.9	13.0	2015	2015	-61.0	6.5	-1	11					
39TH	550.50									-2311.0	502.5	-75.3	-288.1	-31.2
		-123.0	14.3	2015	2015	-61.0	7.1	-1	11					
40TH	563.50									-2188.1	488.2	-68.9	-258.8	-29.5
		-123.1	15.5	2015	2015	-61.1	7.7	-1	11					
41ST	576.50									-2065.0	472.6	-62.6	-231.2	-27.7
		-123.1	16.8	2015	2015	-61.1	8.3	-2	11					
42ND	589.50									-1941.9	455.9	-56.6	-205.2	-25.9
		-123.2	18.0	2015	2015	-61.2	8.9	-2	11					
43RD	602.50									-1818.7	437.8	-50.8	-180.7	-24.1
		-123.3	19.3	2015	2015	-61.2	9.6	-2	11					
44TH	615.50									-1695.3	418.6	-45.2	-157.9	-22.3
		-123.4	20.5	2015	2015	-61.2	10.2	-2	11					
45TH	628.50									-1571.9	398.1	-39.9	-136.6	-20.6
		-123.5	21.7	2015	2015	-61.3	10.8	-2	11					
46TH	641.50									-1448.5	376.3	-34.9	-117.0	-18.8
		-123.4	22.9	2015	2015	-61.2	11.4	-2	11					
47TH	654.50									-1325.1	353.4	-30.1	-99.0	-17.0
		-123.3	24.1	2015	2015	-61.2	12.0	-2	11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-1201.8	329.3	-25.7	-82.5	-15.3
		-123.2	25.3	2015	2015	-61.1	12.5	-2	11					
49TH	680.50									-1078.6	304.0	-21.6	-67.7	-13.6
		-123.1	26.5	2015	2015	-61.1	13.1	-2	10					
50TH	693.50									-955.6	277.6	-17.8	-54.5	-11.9
		-123.0	27.6	2015	2015	-61.0	13.7	-2	10					
51ST	706.50									-832.6	249.9	-14.4	-42.9	-10.2
		-122.9	28.8	2015	2015	-61.0	14.3	-2	10					
52ND	719.50									-709.7	221.1	-11.3	-32.9	-8.6
		-122.8	30.0	2015	2015	-60.9	14.9	-2	10					
53RD	732.50									-586.9	191.1	-8.6	-24.4	-7.0
		-118.2	31.1	2015	2015	-58.7	15.5	-3	10					
54TH	745.50									-468.7	160.0	-6.4	-17.6	-5.5
		-192.7	57.9	3565	3565	-54.0	16.2	-3	10					
55TH	768.50									-276.0	102.1	-3.3	-9.0	-3.0
		-141.0	51.9	3091	3091	-45.6	16.8	-3	8					
CTWR	788.50									-135.0	50.1	-1.8	-4.9	-1.4
		-135.0	50.1	4980	4980	-27.1	10.1	-3	7					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-6767.8	3765.3	-1561.0	-2768.9	-45.7
TERR	16.50	-174.5	56.8	4114	4114	-42.4	13.8	-1	5	-6593.3	3708.5	-1499.4	-2658.7	-44.6
MEZZ	29.50	-105.3	53.5	2502	2502	-42.1	21.4	-0	0	-6488.0	3655.0	-1451.5	-2573.7	-44.6
1ST	56.50	-205.0	113.7	4185	4185	-49.0	27.2	-0	0	-6283.0	3541.3	-1354.4	-2401.2	-44.4
2ND	69.50	-95.6	56.8	2015	2015	-47.4	28.2	-0	1	-6187.4	3484.5	-1308.7	-2320.2	-44.3
3RD	82.50	-95.9	57.3	2015	2015	-47.6	28.4	-1	1	-6091.5	3427.2	-1263.8	-2240.4	-44.1
4TH	95.50	-96.3	57.8	2015	2015	-47.8	28.7	-1	2	-5995.2	3369.4	-1219.6	-2161.8	-43.8
5TH	108.50	-96.7	58.3	2015	2015	-48.0	28.9	-1	2	-5898.5	3311.1	-1176.2	-2084.5	-43.4
6TH	121.50	-97.0	58.8	2015	2015	-48.2	29.2	-2	3	-5801.5	3252.2	-1133.5	-2008.5	-42.9
7TH	134.50	-97.4	59.3	2015	2015	-48.3	29.4	-2	3	-5704.1	3192.9	-1091.6	-1933.7	-42.4
8TH	147.50	-97.8	59.8	2015	2015	-48.5	29.7	-2	4	-5606.3	3133.1	-1050.5	-1860.1	-41.8
9TH	160.50	-98.3	60.3	2015	2015	-48.8	29.9	-2	4	-5508.0	3072.8	-1010.2	-1787.9	-41.1
10TH	173.50	-99.6	60.1	2015	2015	-49.4	29.8	-2	4	-5408.4	3012.7	-970.6	-1716.9	-40.4
11TH	186.50	-100.9	59.8	2015	2015	-50.1	29.7	-2	4	-5307.6	2952.9	-931.8	-1647.3	-39.8
12TH	199.50	-102.1	59.6	2015	2015	-50.7	29.6	-2	4	-5205.4	2893.3	-893.8	-1579.0	-39.1
13TH	212.50	-103.4	59.4	2015	2015	-51.3	29.5	-2	4	-5102.0	2833.8	-856.6	-1512.0	-38.4
14TH	225.50	-104.7	59.2	2015	2015	-52.0	29.4	-2	4	-4997.3	2774.6	-820.1	-1446.3	-37.8
15TH	238.50	-106.0	59.0	2015	2015	-52.6	29.3	-2	4	-4891.3	2715.6	-784.5	-1382.0	-37.1
16TH	251.50	-107.3	58.8	2015	2015	-53.3	29.2	-2	4	-4784.0	2656.8	-749.5	-1319.2	-36.5
17TH	264.50	-107.9	59.0	2015	2015	-53.6	29.3	-2	4	-4676.1	2597.8	-715.4	-1257.7	-35.8
18TH	277.50	-108.3	59.2	2015	2015	-53.8	29.4	-2	4	-4567.7	2538.5	-682.0	-1197.6	-35.2
19TH	290.50	-108.8	59.5	2015	2015	-54.0	29.5	-2	4	-4459.0	2479.0	-649.4	-1138.9	-34.5
20TH	303.50	-109.2	59.8	2015	2015	-54.2	29.7	-2	4	-4349.7	2419.2	-617.5	-1081.6	-33.7
21ST	316.50	-109.6	60.1	2015	2015	-54.4	29.8	-2	4	-4240.1	2359.2	-586.5	-1025.8	-33.0
22ND	329.50	-110.1	60.3	2015	2015	-54.6	29.9	-2	4	-4130.0	2298.9	-556.2	-971.4	-32.2
		-110.5	60.6	2015	2015	-54.8	30.1	-2	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-4019.5	2238.3	-526.7	-918.4	-31.4
24TH	355.50	-111.1	60.8	2015	2015	-55.1	30.2	-2	5	-3908.5	2177.5	-498.0	-866.9	-30.6
25TH	368.50	-111.8	60.9	2015	2015	-55.5	30.2	-2	5	-3796.6	2116.6	-470.1	-816.8	-29.8
26TH	381.50	-112.6	61.0	2015	2015	-55.9	30.3	-3	5	-3684.1	2055.6	-443.0	-768.2	-28.9
27TH	394.50	-113.3	61.0	2015	2015	-56.2	30.3	-3	5	-3570.8	1994.6	-416.7	-721.0	-28.1
28TH	407.50	-114.1	61.1	2015	2015	-56.6	30.3	-3	5	-3456.7	1933.4	-391.1	-675.4	-27.2
29TH	420.50	-114.8	61.2	2015	2015	-57.0	30.4	-3	5	-3341.8	1872.2	-366.4	-631.2	-26.3
30TH	433.50	-115.6	61.3	2015	2015	-57.4	30.4	-3	5	-3226.2	1810.9	-342.4	-588.5	-25.4
31ST	446.50	-116.4	61.4	2015	2015	-57.7	30.5	-3	5	-3109.8	1749.5	-319.3	-547.3	-24.4
32ND	459.50	-116.2	61.5	2015	2015	-57.7	30.5	-3	5	-2993.7	1688.1	-297.0	-507.6	-23.5
33RD	472.50	-116.0	61.5	2015	2015	-57.6	30.5	-3	5	-2877.6	1626.5	-275.4	-469.5	-22.6
34TH	485.50	-115.9	61.6	2015	2015	-57.5	30.6	-3	5	-2761.8	1564.9	-254.7	-432.8	-21.7
35TH	498.50	-115.7	61.7	2015	2015	-57.4	30.6	-3	5	-2646.1	1503.2	-234.7	-397.6	-20.7
36TH	511.50	-115.5	61.8	2015	2015	-57.3	30.7	-3	5	-2530.6	1441.4	-215.6	-364.0	-19.8
37TH	524.50	-115.3	61.9	2015	2015	-57.2	30.7	-3	5	-2415.3	1379.6	-197.2	-331.9	-18.9
38TH	537.50	-115.2	61.9	2015	2015	-57.2	30.7	-3	5	-2300.1	1317.6	-179.7	-301.2	-18.0
39TH	550.50	-115.4	62.2	2015	2015	-57.3	30.9	-3	5	-2184.7	1255.4	-163.0	-272.1	-17.0
40TH	563.50	-115.9	62.5	2015	2015	-57.5	31.0	-3	5	-2068.8	1192.9	-147.1	-244.4	-16.1
41ST	576.50	-116.4	62.9	2015	2015	-57.8	31.2	-3	5	-1952.4	1130.0	-132.0	-218.3	-15.2
42ND	589.50	-117.0	63.3	2015	2015	-58.0	31.4	-3	5	-1835.4	1066.7	-117.7	-193.6	-14.3
43RD	602.50	-117.5	63.6	2015	2015	-58.3	31.6	-3	5	-1717.9	1003.1	-104.2	-170.6	-13.3
44TH	615.50	-118.0	64.0	2015	2015	-58.6	31.8	-3	5	-1599.9	939.1	-91.6	-149.0	-12.4
45TH	628.50	-118.5	64.4	2015	2015	-58.8	31.9	-3	5	-1481.4	874.8	-79.8	-129.0	-11.4
46TH	641.50	-118.9	64.7	2015	2015	-59.0	32.1	-3	5	-1362.5	810.1	-68.9	-110.5	-10.5
47TH	654.50	-118.1	64.8	2015	2015	-58.6	32.2	-3	5	-1244.5	745.3	-58.8	-93.5	-9.5
		-117.2	64.9	2015	2015	-58.2	32.2	-3	5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-1127.2	680.4	-49.5	-78.1	-8.6
49TH	680.50	-116.4	65.0	2015	2015	-57.8	32.3	-3	5	-1010.8	615.3	-41.1	-64.2	-7.7
50TH	693.50	-115.6	65.1	2015	2015	-57.4	32.3	-3	5	-895.2	550.2	-33.5	-51.8	-6.8
51ST	706.50	-114.8	65.3	2015	2015	-57.0	32.4	-3	5	-780.4	485.0	-26.8	-40.9	-5.9
52ND	719.50	-114.0	65.4	2015	2015	-56.6	32.4	-3	5	-666.5	419.6	-20.9	-31.5	-5.1
53RD	732.50	-113.1	65.5	2015	2015	-56.1	32.5	-3	4	-553.4	354.1	-15.9	-23.6	-4.3
54TH	745.50	-108.6	64.4	2015	2015	-53.9	32.0	-3	5	-444.7	289.7	-11.7	-17.1	-3.4
55TH	768.50	-176.6	109.9	3565	3565	-49.5	30.8	-3	5	-268.2	179.8	-6.3	-8.9	-2.0
CTWR	788.50	-133.5	82.8	3091	3091	-43.2	26.8	-3	4	-134.7	97.0	-3.5	-4.9	-1.0
TOP	861.00	-134.7	97.0	4980	4980	-27.0	19.5	-3	4	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-7697.8	6709.1	-2804.0	-3097.4	-20.3
TERR	16.50	-213.4	99.8	4114	4114	-51.9	24.3	-1	3	-7484.4	6609.3	-2694.1	-2972.1	-19.3
MEZZ	29.50	-128.6	93.0	2502	2502	-51.4	37.2	-1	1	-7355.8	6516.3	-2608.8	-2875.7	-19.0
1ST	56.50	-245.1	189.4	4185	4185	-58.6	45.3	-0	0	-7110.7	6326.9	-2435.4	-2680.4	-18.9
2ND	69.50	-115.5	93.0	2015	2015	-57.3	46.1	-1	1	-6995.2	6233.9	-2353.8	-2588.7	-18.8
3RD	82.50	-115.6	94.3	2015	2015	-57.4	46.8	-1	1	-6879.6	6139.6	-2273.4	-2498.5	-18.6
4TH	95.50	-115.7	95.6	2015	2015	-57.4	47.5	-1	1	-6763.8	6044.0	-2194.2	-2409.8	-18.4
5TH	108.50	-115.8	97.0	2015	2015	-57.5	48.1	-1	1	-6648.0	5947.0	-2116.2	-2322.6	-18.1
6TH	121.50	-115.9	98.3	2015	2015	-57.5	48.8	-1	1	-6532.1	5848.7	-2039.5	-2237.0	-17.8
7TH	134.50	-116.0	99.7	2015	2015	-57.6	49.5	-1	1	-6416.1	5749.0	-1964.2	-2152.8	-17.5
8TH	147.50	-116.1	101.0	2015	2015	-57.6	50.1	-1	1	-6299.9	5647.9	-1890.1	-2070.1	-17.2
9TH	160.50	-116.3	102.2	2015	2015	-57.7	50.7	-1	1	-6183.6	5545.7	-1817.3	-1989.0	-16.9
10TH	173.50	-117.2	102.5	2015	2015	-58.2	50.9	-1	1	-6066.3	5443.2	-1745.9	-1909.4	-16.5
11TH	186.50	-118.1	102.7	2015	2015	-58.6	51.0	-1	1	-5948.2	5340.5	-1675.8	-1831.3	-16.2
12TH	199.50	-119.0	103.0	2015	2015	-59.1	51.1	-1	1	-5829.2	5237.5	-1607.0	-1754.7	-16.0
13TH	212.50	-119.9	103.2	2015	2015	-59.5	51.2	-1	1	-5709.2	5134.3	-1539.6	-1679.7	-15.7
14TH	225.50	-120.8	103.4	2015	2015	-60.0	51.3	-1	1	-5588.4	5030.9	-1473.6	-1606.3	-15.5
15TH	238.50	-121.7	103.7	2015	2015	-60.4	51.5	-1	1	-5466.7	4927.2	-1408.8	-1534.4	-15.3
16TH	251.50	-122.6	103.9	2015	2015	-60.9	51.6	-1	1	-5344.1	4823.3	-1345.4	-1464.2	-15.2
17TH	264.50	-123.2	104.8	2015	2015	-61.1	52.0	-1	1	-5220.9	4718.6	-1283.4	-1395.5	-15.0
18TH	277.50	-123.7	105.7	2015	2015	-61.4	52.5	-1	1	-5097.1	4612.8	-1222.8	-1328.4	-14.8
19TH	290.50	-124.3	106.7	2015	2015	-61.7	53.0	-1	1	-4972.9	4506.1	-1163.5	-1263.0	-14.5
20TH	303.50	-124.8	107.7	2015	2015	-61.9	53.5	-1	1	-4848.1	4398.3	-1105.6	-1199.1	-14.2
21ST	316.50	-125.3	108.7	2015	2015	-62.2	54.0	-1	1	-4722.8	4289.6	-1049.1	-1136.9	-13.9
22ND	329.50	-125.8	109.7	2015	2015	-62.4	54.5	-1	1	-4597.0	4179.9	-994.1	-1076.3	-13.5
		-126.3	110.7	2015	2015	-62.7	55.0	-1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-4470.7	4069.1	-940.5	-1017.4	-13.1
24TH	355.50	-126.8	111.6	2015	2015	-62.9	55.4	-1	2	-4343.8	3957.5	-888.3	-960.1	-12.7
25TH	368.50	-127.3	112.3	2015	2015	-63.2	55.8	-1	1	-4216.5	3845.2	-837.6	-904.5	-12.3
26TH	381.50	-127.8	113.0	2015	2015	-63.4	56.1	-1	1	-4088.7	3732.1	-788.3	-850.5	-11.9
27TH	394.50	-128.3	113.8	2015	2015	-63.7	56.5	-1	1	-3960.4	3618.4	-740.6	-798.2	-11.5
28TH	407.50	-128.8	114.5	2015	2015	-63.9	56.8	-1	1	-3831.7	3503.9	-694.3	-747.5	-11.1
29TH	420.50	-129.2	115.2	2015	2015	-64.1	57.2	-1	1	-3702.4	3388.8	-649.5	-698.5	-10.8
30TH	433.50	-129.7	115.9	2015	2015	-64.4	57.5	-1	1	-3572.7	3272.9	-606.2	-651.3	-10.5
31ST	446.50	-130.2	116.6	2015	2015	-64.6	57.9	-1	1	-3442.5	3156.3	-564.4	-605.7	-10.1
32ND	459.50	-130.0	116.5	2015	2015	-64.5	57.8	-1	1	-3312.5	3039.8	-524.1	-561.7	-9.8
33RD	472.50	-129.8	116.4	2015	2015	-64.4	57.8	-1	1	-3182.8	2923.4	-485.3	-519.5	-9.5
34TH	485.50	-129.5	116.3	2015	2015	-64.3	57.7	-1	1	-3053.2	2807.0	-448.1	-479.0	-9.1
35TH	498.50	-129.3	116.3	2015	2015	-64.2	57.7	-1	1	-2923.9	2690.8	-412.4	-440.1	-8.7
36TH	511.50	-129.1	116.2	2015	2015	-64.1	57.7	-1	1	-2794.8	2574.6	-378.1	-403.0	-8.4
37TH	524.50	-128.9	116.1	2015	2015	-63.9	57.6	-1	1	-2666.0	2458.5	-345.4	-367.5	-8.0
38TH	537.50	-128.6	116.0	2015	2015	-63.8	57.6	-1	1	-2537.4	2342.5	-314.2	-333.7	-7.6
39TH	550.50	-128.6	116.0	2015	2015	-63.8	57.5	-1	1	-2408.8	2226.5	-284.5	-301.5	-7.2
40TH	563.50	-128.7	115.9	2015	2015	-63.9	57.5	-1	1	-2280.1	2110.6	-256.3	-271.0	-6.8
41ST	576.50	-128.8	115.9	2015	2015	-63.9	57.5	-1	1	-2151.3	1994.7	-229.6	-242.2	-6.5
42ND	589.50	-128.9	115.9	2015	2015	-64.0	57.5	-1	1	-2022.4	1878.8	-204.5	-215.1	-6.1
43RD	602.50	-129.0	115.9	2015	2015	-64.0	57.5	-1	1	-1893.3	1762.9	-180.8	-189.6	-5.7
44TH	615.50	-129.1	115.8	2015	2015	-64.1	57.5	-1	1	-1764.2	1647.1	-158.6	-165.9	-5.4
45TH	628.50	-129.2	115.8	2015	2015	-64.1	57.5	-1	1	-1635.0	1531.3	-138.0	-143.8	-5.0
46TH	641.50	-129.3	115.8	2015	2015	-64.1	57.5	-1	1	-1505.7	1415.5	-118.8	-123.4	-4.6
47TH	654.50	-128.6	115.9	2015	2015	-63.8	57.5	-1	1	-1377.1	1299.6	-101.2	-104.6	-4.3
		-128.0	116.0	2015	2015	-63.5	57.6	-1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-1249.1	1183.5	-85.0	-87.5	-3.9
49TH	680.50	-127.3	116.1	2015	2015	-63.2	57.6	-1	1	-1121.8	1067.4	-70.4	-72.1	-3.6
50TH	693.50	-126.7	116.2	2015	2015	-62.9	57.7	-1	1	-995.1	951.2	-57.3	-58.4	-3.2
51ST	706.50	-126.0	116.3	2015	2015	-62.5	57.7	-1	1	-869.1	834.8	-45.7	-46.3	-2.8
52ND	719.50	-125.4	116.4	2015	2015	-62.2	57.8	-1	1	-743.8	718.4	-35.6	-35.8	-2.5
53RD	732.50	-124.7	116.5	2015	2015	-61.9	57.8	-1	1	-619.0	601.9	-27.0	-26.9	-2.1
54TH	745.50	-120.9	113.3	2015	2015	-59.6	56.2	-1	1	-499.0	488.6	-19.9	-19.6	-1.8
55TH	768.50	-195.9	188.2	3565	3565	-54.9	52.8	-1	1	-303.1	300.4	-10.8	-10.4	-1.3
CTWR	788.50	-143.3	131.6	3091	3091	-46.3	42.6	-1	2	-159.9	168.8	-6.1	-5.8	-.7
TOP	861.00	-159.9	168.8	4980	4980	-32.1	33.9	-2	2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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													
		-192.3	128.2	4114	4114	-46.7	31.2	-1	2	-6564.1	7971.7	-3316.8	-2585.0	3.1
TERR	16.50									-6371.8	7843.5	-3186.3	-2478.3	3.6
		-115.5	115.3	2502	2502	-46.2	46.1	-1	1					
MEZZ	29.50									-6256.2	7728.2	-3085.1	-2396.2	3.9
		-221.6	230.0	4185	4185	-52.9	55.0	0	-0	-6034.7	7498.2	-2879.5	-2230.3	3.9
1ST	56.50									-5928.3	7385.9	-2782.8	-2152.5	3.9
		-106.4	112.2	2015	2015	-52.8	55.7	-0	0	-5822.3	7272.3	-2687.5	-2076.1	3.9
2ND	69.50									-5716.7	7157.2	-2593.7	-2001.1	4.0
		-106.0	113.7	2015	2015	-52.6	56.4	-0	0	-5611.6	7040.7	-2501.4	-1927.5	4.1
3RD	82.50									-5506.8	6922.7	-2410.7	-1855.2	4.2
		-105.6	115.1	2015	2015	-52.4	57.1	-0	0	-5402.5	6803.3	-2321.5	-1784.3	4.3
4TH	95.50									-5298.5	6682.6	-2233.8	-1714.8	4.5
		-105.2	116.5	2015	2015	-52.2	57.8	-0	0	-5194.9	6560.5	-2147.7	-1646.6	4.6
5TH	108.50									-5090.6	6438.5	-2063.2	-1579.7	4.8
		-104.8	117.9	2015	2015	-52.0	58.5	-0	0	-4985.9	6316.4	-1980.3	-1514.2	4.9
6TH	121.50									-4880.5	6194.3	-1899.0	-1450.1	4.9
		-104.4	119.4	2015	2015	-51.8	59.2	-1	0	-4774.6	6072.2	-1819.3	-1387.3	5.0
7TH	134.50									-4668.2	5950.1	-1741.1	-1325.9	5.0
		-103.9	120.8	2015	2015	-51.6	59.9	-1	1	-4561.1	5828.0	-1664.6	-1265.9	4.9
8TH	147.50									-4453.6	5705.8	-1589.6	-1207.3	4.8
		-103.7	122.0	2015	2015	-51.4	60.6	-1	1	-4345.8	5582.5	-1516.2	-1150.1	4.7
9TH	160.50									-4237.9	5457.6	-1444.5	-1094.4	4.7
		-104.2	122.1	2015	2015	-51.7	60.6	-1	0	-4129.8	5331.3	-1374.3	-1040.0	4.6
10TH	173.50									-4021.6	5203.4	-1305.9	-987.0	4.6
		-104.8	122.1	2015	2015	-52.0	60.6	-0	0	-3913.3	5074.0	-1239.1	-935.4	4.6
11TH	186.50									-3804.9	4943.2	-1173.9	-885.2	4.5
		-105.3	122.1	2015	2015	-52.3	60.6	-0	0					
12TH	199.50													
		-105.9	122.1	2015	2015	-52.6	60.6	-0	0					
13TH	212.50													
		-106.5	122.1	2015	2015	-52.8	60.6	0	-0					
14TH	225.50													
		-107.0	122.1	2015	2015	-53.1	60.6	0	-0					
15TH	238.50													
		-107.6	122.1	2015	2015	-53.4	60.6	0	-0					
16TH	251.50													
		-107.8	123.3	2015	2015	-53.5	61.2	0	-0					
17TH	264.50													
		-107.9	124.9	2015	2015	-53.6	62.0	0	-0					
18TH	277.50													
		-108.0	126.4	2015	2015	-53.6	62.7	0	-0					
19TH	290.50													
		-108.2	127.9	2015	2015	-53.7	63.5	0	-0					
20TH	303.50													
		-108.3	129.4	2015	2015	-53.7	64.2	0	-0					
21ST	316.50													
		-108.4	130.9	2015	2015	-53.8	65.0	0	-0					
22ND	329.50													
		-108.6	132.4	2015	2015	-53.9	65.7	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-3696.4	4810.8	-1110.5	-836.5	4.5
24TH	355.50	-108.6	133.5	2015	2015	-53.9	66.3	-0	0	-3587.7	4677.3	-1048.9	-789.1	4.5
25TH	368.50	-108.5	133.9	2015	2015	-53.9	66.4	0	-0	-3479.2	4543.4	-988.9	-743.2	4.5
26TH	381.50	-108.4	134.2	2015	2015	-53.8	66.6	0	-0	-3370.8	4409.2	-930.7	-698.7	4.5
27TH	394.50	-108.3	134.6	2015	2015	-53.8	66.8	0	-0	-3262.5	4274.6	-874.3	-655.6	4.4
28TH	407.50	-108.2	135.0	2015	2015	-53.7	67.0	0	-0	-3154.3	4139.6	-819.6	-613.8	4.4
29TH	420.50	-108.1	135.3	2015	2015	-53.7	67.2	0	-0	-3046.1	4004.3	-766.7	-573.5	4.3
30TH	433.50	-108.0	135.7	2015	2015	-53.6	67.3	0	-0	-2938.1	3868.6	-715.5	-534.6	4.2
31ST	446.50	-107.9	136.1	2015	2015	-53.6	67.5	0	-0	-2830.2	3732.5	-666.1	-497.1	4.1
32ND	459.50	-107.8	136.3	2015	2015	-53.5	67.6	0	-0	-2722.4	3596.3	-618.5	-461.1	3.9
33RD	472.50	-107.6	136.5	2015	2015	-53.4	67.7	0	-0	-2614.8	3459.8	-572.6	-426.4	3.8
34TH	485.50	-107.4	136.7	2015	2015	-53.3	67.8	0	-0	-2507.5	3323.0	-528.5	-393.1	3.7
35TH	498.50	-107.2	136.9	2015	2015	-53.2	68.0	0	-0	-2400.3	3186.1	-486.2	-361.2	3.6
36TH	511.50	-107.0	137.2	2015	2015	-53.1	68.1	0	-0	-2293.3	3048.9	-445.7	-330.7	3.5
37TH	524.50	-106.8	137.4	2015	2015	-53.0	68.2	0	-0	-2186.5	2911.6	-406.9	-301.5	3.4
38TH	537.50	-106.6	137.6	2015	2015	-52.9	68.3	0	-0	-2079.8	2774.0	-370.0	-273.8	3.3
39TH	550.50	-106.5	137.7	2015	2015	-52.8	68.4	0	-0	-1973.3	2636.2	-334.8	-247.5	3.2
40TH	563.50	-106.4	137.8	2015	2015	-52.8	68.4	0	-0	-1867.0	2498.4	-301.4	-222.5	3.0
41ST	576.50	-106.2	137.9	2015	2015	-52.7	68.4	1	-0	-1760.8	2360.6	-269.8	-198.9	2.9
42ND	589.50	-106.1	137.9	2015	2015	-52.7	68.4	1	-0	-1654.6	2222.6	-240.0	-176.7	2.7
43RD	602.50	-106.0	138.0	2015	2015	-52.6	68.5	1	-0	-1548.7	2084.7	-212.0	-155.9	2.6
44TH	615.50	-105.9	138.0	2015	2015	-52.5	68.5	1	-0	-1442.8	1946.6	-185.8	-136.5	2.4
45TH	628.50	-105.7	138.1	2015	2015	-52.5	68.5	1	-1	-1337.1	1808.5	-161.4	-118.4	2.2
46TH	641.50	-105.5	138.2	2015	2015	-52.4	68.6	1	-1	-1231.5	1670.4	-138.8	-101.7	2.0
47TH	654.50	-104.9	138.2	2015	2015	-52.0	68.6	1	-1	-1126.6	1532.2	-118.0	-86.4	1.8
		-104.2	138.2	2015	2015	-51.7	68.6	1	-1					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-1022.4	1394.0	-99.0	-72.4	1.6
49TH	680.50	-103.5	138.2	2015	2015	-51.4	68.6	1	-1	-918.9	1255.8	-81.8	-59.8	1.4
50TH	693.50	-102.9	138.2	2015	2015	-51.1	68.6	1	-1	-816.0	1117.6	-66.3	-48.5	1.1
51ST	706.50	-102.2	138.2	2015	2015	-50.7	68.6	1	-1	-713.8	979.3	-52.7	-38.6	.9
52ND	719.50	-101.5	138.2	2015	2015	-50.4	68.6	1	-1	-612.3	841.1	-40.9	-29.9	.6
53RD	732.50	-100.9	138.3	2015	2015	-50.1	68.6	1	-1	-511.4	702.8	-30.8	-22.6	.3
54TH	745.50	-97.5	133.8	2015	2015	-48.4	66.4	1	-1	-413.9	569.0	-22.6	-16.6	.1
55TH	768.50	-160.8	220.4	3565	3565	-45.1	61.8	1	-1	-253.1	348.6	-12.0	-8.9	-.4
CTWR	788.50	-114.3	164.0	3091	3091	-37.0	53.0	1	-1	-138.8	184.6	-6.7	-5.0	-.6
TOP	861.00	-138.8	184.6	4980	4980	-27.9	37.1	-2	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-4744.3	8466.9	-3531.1	-1749.5	38.0
TERR	16.50	-164.3	138.9	4114	4114	-39.9	33.8	0	-0	-4580.1	8328.1	-3392.6	-1672.6	38.0
MEZZ	29.50	-101.5	122.6	2502	2502	-40.5	49.0	0	-0	-4478.6	8205.5	-3285.1	-1613.7	37.9
1ST	56.50	-192.6	244.9	4185	4185	-46.0	58.5	0	-0	-4286.0	7960.6	-3066.9	-1495.4	37.8
2ND	69.50	-91.3	118.2	2015	2015	-45.3	58.6	0	-0	-4194.7	7842.4	-2964.1	-1440.3	37.8
3RD	82.50	-90.5	119.9	2015	2015	-44.9	59.5	0	-0	-4104.1	7722.6	-2863.0	-1386.3	37.7
4TH	95.50	-89.7	121.6	2015	2015	-44.5	60.3	0	-0	-4014.4	7601.0	-2763.4	-1333.5	37.7
5TH	108.50	-88.9	123.3	2015	2015	-44.1	61.2	0	-0	-3925.5	7477.7	-2665.4	-1281.9	37.6
6TH	121.50	-88.1	125.0	2015	2015	-43.7	62.0	0	-0	-3837.3	7352.7	-2569 0	-1231.5	37.5
7TH	134.50	-87.4	126.7	2015	2015	-43.4	62.9	0	-0	-3750.0	7225.9	-2474.2	-1182.2	37.4
8TH	147.50	-86.6	128.4	2015	2015	-43.0	63.7	1	-0	-3663.4	7097.5	-2381.1	-1134.0	37.2
9TH	160.50	-85.8	129.9	2015	2015	-42.6	64.5	1	-0	-3577.6	6967.5	-2289.7	-1086.9	37.1
10TH	173.50	-85.4	130.0	2015	2015	-42.4	64.5	1	-1	-3492.2	6837.6	-2199.9	-1041.0	36.9
11TH	186.50	-84.9	130.0	2015	2015	-42.1	64.5	1	-1	-3407.3	6707.6	-2111.9	-996.1	36.6
12TH	199.50	-84.5	130.0	2015	2015	-41.9	64.5	1	-1	-3322.8	6577.6	-2025.5	-952.4	36.3
13TH	212.50	-84.0	130.0	2015	2015	-41.7	64.5	1	-1	-3238.8	6447.6	-1940.9	-909.7	36.0
14TH	225.50	-83.6	130.0	2015	2015	-41.5	64.5	2	-1	-3155.2	6317.6	-1857 9	-868.2	35.6
15TH	238.50	-83.1	130.0	2015	2015	-41.3	64.5	2	-1	-3072.1	6187.5	-1776.6	-827.7	35.1
16TH	251.50	-82.7	130.1	2015	2015	-41.0	64.5	2	-1	-2989.4	6057.5	-1697.0	-788.3	34.7
17TH	264.50	-82.0	130.7	2015	2015	-40.7	64.9	2	-1	-2907.5	5926.8	-1619.1	-749.9	34.1
18TH	277.50	-81.1	131.5	2015	2015	-40.3	65.3	2	-1	-2826.3	5795.3	-1542 9	-712.7	33.6
19TH	290.50	-80.3	132.3	2015	2015	-39.9	65.6	3	-2	-2746.0	5663.0	-1468.5	-676.5	33.0
20TH	303.50	-79.5	133.1	2015	2015	-39.5	66.0	3	-2	-2666.4	5529.9	-1395 7	-641.3	32.4
21ST	316.50	-78.7	133.9	2015	2015	-39.1	66.4	3	-2	-2587.7	5396.1	-1324.7	-607.1	31.8
22ND	329.50	-77.9	134.6	2015	2015	-38.7	66.8	3	-2	-2509.8	5261.4	-1255.4	-574.0	31.2
		-77.1	135.4	2015	2015	-38.3	67.2	3	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-2432.6	5126.0	-1187.9	-541.9	30.5
24TH	355.50	-76.5	136.4	2015	2015	-38.0	67.7	3	-2	-2356.1	4989.6	-1122.1	-510.7	29.8
25TH	368.50	-76.3	137.7	2015	2015	-37.9	68.3	3	-2	-2279.9	4852.0	-1058.2	-480.6	29.1
26TH	381.50	-76.1	138.9	2015	2015	-37.7	68.9	3	-2	-2203.8	4713.0	-996.0	-451.5	28.4
27TH	394.50	-75.8	140.2	2015	2015	-37.6	69.6	3	-2	-2128.0	4572.8	-935.6	-423.3	27.7
28TH	407.50	-75.6	141.5	2015	2015	-37.5	70.2	3	-2	-2052.4	4431.4	-877.1	-396.1	27.0
29TH	420.50	-75.4	142.7	2015	2015	-37.4	70.8	3	-2	-1977.0	4288.6	-820.4	-369.9	26.3
30TH	433.50	-75.1	144.0	2015	2015	-37.3	71.5	3	-2	-1901.9	4144.6	-765.6	-344.7	25.6
31ST	446.50	-74.9	145.3	2015	2015	-37.2	72.1	3	-2	-1827.0	3999.4	-712.7	-320.5	24.9
32ND	459.50	-73.9	145.3	2015	2015	-36.7	72.1	3	-2	-1753.1	3854.0	-661.6	-297.2	24.1
33RD	472.50	-72.8	145.4	2015	2015	-36.1	72.1	3	-2	-1680.3	3708.7	-612.5	-274.9	23.3
34TH	485.50	-71.8	145.4	2015	2015	-35.6	72.2	4	-2	-1608.5	3563.2	-565.2	-253.5	22.5
35TH	498.50	-70.7	145.5	2015	2015	-35.1	72.2	4	-2	-1537.8	3417.8	-519.8	-233.1	21.7
36TH	511.50	-69.7	145.5	2015	2015	-34.6	72.2	4	-2	-1468.1	3272.2	-476.4	-213.5	20.9
37TH	524.50	-68.6	145.6	2015	2015	-34.1	72.2	4	-2	-1399.5	3126.7	-434.8	-194.9	20.0
38TH	537.50	-67.6	145.6	2015	2015	-33.6	72.3	4	-2	-1331.8	2981.0	-395.1	-177.1	19.1
39TH	550.50	-67.1	146.0	2015	2015	-33.3	72.5	4	-2	-1264.7	2835.0	-357.3	-160.3	18.1
40TH	563.50	-67.0	146.7	2015	2015	-33.3	72.8	4	-2	-1197.7	2688.3	-321.4	-144.3	17.2
41ST	576.50	-67.0	147.4	2015	2015	-33.2	73.2	4	-2	-1130.7	2540.8	-287.4	-129.1	16.2
42ND	589.50	-66.9	148.1	2015	2015	-33.2	73.5	5	-2	-1063.9	2392.7	-255.3	-114.9	15.2
43RD	602.50	-66.8	148.8	2015	2015	-33.2	73.9	5	-2	-997.1	2243.8	-225.2	-101.5	14.2
44TH	615.50	-66.7	149.5	2015	2015	-33.1	74.2	5	-2	-930.3	2094.3	-197.0	-88.9	13.1
45TH	628.50	-66.7	150.2	2015	2015	-33.1	74.6	5	-2	-863.7	1944.0	-170.7	-77.3	12.1
46TH	641.50	-66.6	150.9	2015	2015	-33.0	74.9	5	-2	-797.1	1793.2	-146.4	-66.5	11.0
47TH	654.50	-66.4	150.9	2015	2015	-32.9	74.9	5	-2	-730.8	1642.3	-124.1	-56.5	9.9
		-66.2	150.9	2015	2015	-32.8	74.9	5	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 42.9 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
48TH	667.50	-66.0	150.9	2015	2015	-32.7	74.9	5	-2	-664.6	1491.4	-103.7	-47.5	8.8
49TH	680.50	-65.8	150.9	2015	2015	-32.7	74.9	5	-2	-598.6	1340.6	-85.3	-39.3	7.7
50TH	693.50	-65.6	150.9	2015	2015	-32.6	74.9	5	-2	-532.8	1189.7	-68.9	-31.9	6.6
51ST	706.50	-65.4	150.9	2015	2015	-32.5	74.9	5	-2	-467.2	1038.8	-54.4	-25.4	5.6
52ND	719.50	-65.2	150.9	2015	2015	-32.4	74.9	5	-2	-401.8	887.8	-41.9	-19.8	4.5
53RD	732.50	-63.3	145.0	2015	2015	-31.4	71.9	5	-2	-336.6	736.9	-31.3	-15.0	3.4
54TH	745.50	-105.1	234.6	3565	3565	-29.5	65.8	5	-2	-273.3	592.0	-22.7	-11.0	2.4
55TH	768.50	-76.5	180.8	3091	3091	-24.8	58.5	4	-1	-168.2	357.4	-11.7	-5.9	.7
CTWR	788.50	-91.7	176.6	4980	4980	-18.4	35.5	-1	0	-91.7	176.6	-6.4	-3.3	-.2
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-1870.2	7087.1	-2993.9	-493.2	62.4
TERR	16.50	-101.0	115.4	4114	4114	-24.6	28.1	2	-2	-1769.2	6971.7	-2877.9	-463.2	61.9
MEZZ	29.50	-66.3	94.4	2502	2502	-26.5	37.7	1	-1	-1702.9	6877.3	-2787.9	-440.6	61.7
1ST	56.50	-131.7	195.9	4185	4185	-31.5	46.8	-0	0	-1571.2	6681.5	-2604.9	-396.4	61.7
2ND	69.50	-63.0	93.4	2015	2015	-31.2	46.4	0	-0	-1508.2	6588.0	-2518.6	-376.4	61.6
3RD	82.50	-61.9	95.3	2015	2015	-30.7	47.3	1	-1	-1446.4	6492.8	-2433.6	-357.2	61.5
4TH	95.50	-60.7	97.1	2015	2015	-30.1	48.2	1	-1	-1385.6	6395.6	-2349.8	-338.8	61.3
5TH	108.50	-59.6	99.0	2015	2015	-29.6	49.1	2	-1	-1326.0	6296.6	-2267.3	-321.2	61.1
6TH	121.50	-58.5	100.9	2015	2015	-29.0	50.1	2	-1	-1267.5	6195.7	-2186.1	-304.3	60.7
7TH	134.50	-57.4	102.7	2015	2015	-28.5	51.0	2	-1	-1210.1	6093.0	-2106.2	-288.2	60.4
8TH	147.50	-56.3	104.6	2015	2015	-27.9	51.9	3	-1	-1153.8	5988.4	-2027.7	-272.8	59.9
9TH	160.50	-55.1	106.3	2015	2015	-27.3	52.7	3	-2	-1098.8	5882.1	-1950.5	-258.2	59.4
10TH	173.50	-53.2	106.7	2015	2015	-26.4	52.9	3	-2	-1045.6	5775.4	-1874.8	-244.2	58.8
11TH	186.50	-51.3	107.0	2015	2015	-25.5	53.1	4	-2	-994.3	5668.4	-1800.4	-231.0	58.2
12TH	199.50	-49.4	107.4	2015	2015	-24.5	53.3	4	-2	-944.9	5561.0	-1727.4	-218.4	57.5
13TH	212.50	-47.5	107.8	2015	2015	-23.6	53.5	5	-2	-897.4	5453.2	-1655.8	-206.4	56.8
14TH	225.50	-45.6	108.2	2015	2015	-22.7	53.7	5	-2	-851.7	5345.0	-1585.6	-195.0	56.0
15TH	238.50	-43.8	108.6	2015	2015	-21.7	53.9	6	-2	-808.0	5236.4	-1516.8	-184.2	55.1
16TH	251.50	-41.9	108.9	2015	2015	-20.8	54.1	6	-2	-766.1	5127.5	-1449.5	-174.0	54.2
17TH	264.50	-39.5	109.4	2015	2015	-19.6	54.3	6	-2	-726.6	5018.1	-1383.5	-164.3	53.2
18TH	277.50	-37.1	109.9	2015	2015	-18.4	54.5	7	-2	-689.5	4908.2	-1319.0	-155.1	52.2
19TH	290.50	-34.6	110.3	2015	2015	-17.2	54.8	7	-2	-654.9	4797.9	-1255.9	-146.4	51.1
20TH	303.50	-32.2	110.8	2015	2015	-16.0	55.0	7	-2	-622.7	4687.1	-1194.3	-138.1	50.0
21ST	316.50	-29.7	111.3	2015	2015	-14.7	55.2	8	-2	-593.0	4575.8	-1134.1	-130.2	48.9
22ND	329.50	-27.3	111.8	2015	2015	-13.5	55.5	8	-2	-565.7	4464.0	-1075.3	-122.6	47.7
		-24.8	112.2	2015	2015	-12.3	55.7	8	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-540.9	4351.7	-1018.0	-115.4	46.5
24TH	355.50	-23.0	112.9	2015	2015	-11.4	56.0	9	-2	-517.9	4238.8	-962.2	-108.6	45.2
25TH	368.50	-22.7	114.0	2015	2015	-11.3	56.6	8	-2	-495.2	4124.8	-907.8	-102.0	44.0
26TH	381.50	-22.3	115.1	2015	2015	-11.1	57.1	8	-2	-472.9	4009.7	-854 9	-95.7	42.7
27TH	394.50	-22.0	116.2	2015	2015	-10.9	57.7	8	-2	-450.9	3893.5	-803.5	-89.7	41.5
28TH	407.50	-21.6	117.3	2015	2015	-10.7	58.2	8	-2	-429.3	3776.2	-753.7	-84.0	40.2
29TH	420.50	-21.2	118.4	2015	2015	-10.5	58.8	8	-1	-408.1	3657.8	-705.4	-78.5	38.9
30TH	433.50	-20.9	119.5	2015	2015	-10.4	59.3	8	-1	-387.2	3538.3	-658.6	-73.3	37.7
31ST	446.50	-20.5	120.6	2015	2015	-10.2	59.8	8	-1	-366.7	3417.7	-613.4	-68.4	36.4
32ND	459.50	-19.0	120.8	2015	2015	-9.4	59.9	8	-1	-347.8	3296.9	-569.7	-63.8	35.2
33RD	472.50	-17.4	121.0	2015	2015	-8.7	60.0	8	-1	-330.3	3175.9	-527.7	-59.4	33.9
34TH	485.50	-15.9	121.2	2015	2015	-7.9	60.1	9	-1	-314.4	3054.7	-487.2	-55.2	32.5
35TH	498.50	-14.4	121.4	2015	2015	-7.1	60.2	9	-1	-300.0	2933.3	-448.2	-51.2	31.2
36TH	511.50	-12.9	121.6	2015	2015	-6.4	60.3	9	-1	-287.2	2811.8	-410.9	-47.4	29.8
37TH	524.50	-11.3	121.8	2015	2015	-5.6	60.4	9	-1	-275.8	2690.0	-375.1	-43.7	28.4
38TH	537.50	-9.8	122.0	2015	2015	-4.9	60.5	9	-1	-266.0	2568.0	-341.0	-40.2	27.0
39TH	550.50	-9.3	122.7	2015	2015	-4.6	60.9	9	-1	-256.8	2445.3	-308.4	-36.8	25.6
40TH	563.50	-9.5	123.7	2015	2015	-4.7	61.4	9	-1	-247.3	2321.6	-277.4	-33.5	24.2
41ST	576.50	-9.7	124.8	2015	2015	-4.8	61.9	9	-1	-237.6	2196.8	-248.0	-30.4	22.7
42ND	589.50	-9.9	125.8	2015	2015	-4.9	62.4	9	-1	-227.7	2071.0	-220.3	-27.4	21.3
43RD	602.50	-10.1	126.8	2015	2015	-5.0	63.0	9	-1	-217.6	1944.2	-194.2	-24.5	19.9
44TH	615.50	-10.3	127.9	2015	2015	-5.1	63.5	9	-1	-207.3	1816.3	-169.7	-21.7	18.5
45TH	628.50	-10.5	128.9	2015	2015	-5.2	64.0	9	-1	-196.8	1687.4	-147.0	-19.1	17.0
46TH	641.50	-10.8	129.9	2015	2015	-5.4	64.5	9	-1	-186.0	1557.4	-125.9	-16.6	15.6
47TH	654.50	-11.4	130.6	2015	2015	-5.7	64.8	9	-1	-174.5	1426.8	-106.5	-14.2	14.2
		-12.1	131.3	2015	2015	-6.0	65.1	9	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-162.4	1295.6	-88.8	-12.1	12.7
		-12.8	131.9	2015	2015	-6.3	65.5	9	-1					
49TH	680.50									-149.7	1163.6	-72.8	-10.0	11.2
		-13.4	132.6	2015	2015	-6.7	65.8	9	-1					
50TH	693.50									-136.2	1031.0	-58.5	-8.2	9.8
		-14.1	133.3	2015	2015	-7.0	66.1	9	-1					
51ST	706.50									-122.2	897.8	-46.0	-6.5	8.3
		-14.7	133.9	2015	2015	-7.3	66.5	9	-1					
52ND	719.50									-107.4	763.8	-35.2	-5.0	6.8
		-15.4	134.6	2015	2015	-7.6	66.8	9	-1					
53RD	732.50									-92.1	629.2	-26.1	-3.7	5.3
		-16.2	128.5	2015	2015	-8.0	63.6	9	-1					
54TH	745.50									-75.8	500.7	-18.8	-2.6	3.9
		-30.9	204.0	3565	3565	-8.7	57.2	9	-1					
55TH	768.50									-45.0	296.8	-9.6	-1.2	1.5
		-28.4	152.8	3091	3091	-9.2	49.4	7	-1					
CTWR	788.50									-16.5	143.9	-5.2	-.6	.1
		-16.5	143.9	4980	4980	-3.3	28.9	0	-0					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-19.4	6720.1	-2879.1	332.1	53.8
TERR	16.50	-58.3	101.8	4114	4114	-14.2	24.8	8	-4	38.9	6618.3	-2769.0	332.0	52.6
MEZZ	29.50	-35.6	77.2	2502	2502	-14.2	30.9	4	-2	74.5	6541.1	-2683.5	331.2	52.1
1ST	56.50	-82.3	169.2	4185	4185	-19.7	40.4	-0	0	156.8	6371.8	-2509.2	328.1	52.1
2ND	69.50	-41.6	79.1	2015	2015	-20.7	39.2	0	-0	198.5	6292.8	-2426.9	325.8	52.1
3RD	82.50	-41.0	81.1	2015	2015	-20.3	40.3	1	-0	239.4	6211.6	-2345.6	323.0	52.0
4TH	95.50	-40.3	83.2	2015	2015	-20.0	41.3	2	-1	279.8	6128.4	-2265.4	319.6	51.8
5TH	108.50	-39.7	85.2	2015	2015	-19.7	42.3	3	-1	319.5	6043.2	-2186.3	315.7	51.4
6TH	121.50	-39.1	87.3	2015	2015	-19.4	43.3	4	-2	358.5	5955.9	-2108.3	311.3	51.0
7TH	134.50	-38.4	89.3	2015	2015	-19.1	44.3	4	-2	396.9	5866.6	-2031.4	306.4	50.4
8TH	147.50	-37.8	91.4	2015	2015	-18.7	45.4	5	-2	434.7	5775.2	-1955.7	301.0	49.7
9TH	160.50	-36.8	93.4	2015	2015	-18.3	46.4	6	-2	471.5	5681.7	-1881.3	295.1	48.8
10TH	173.50	-33.8	95.4	2015	2015	-16.8	47.4	7	-2	505.3	5586.3	-1808.0	288.7	47.9
11TH	186.50	-30.8	97.5	2015	2015	-15.3	48.4	7	-2	536.1	5488.8	-1736.0	282.0	47.0
12TH	199.50	-27.8	99.5	2015	2015	-13.8	49.4	8	-2	563.9	5389.4	-1665.3	274.8	46.0
13TH	212.50	-24.7	101.5	2015	2015	-12.3	50.4	8	-2	588.6	5287.9	-1595.9	267.3	44.9
14TH	225.50	-21.7	103.5	2015	2015	-10.8	51.3	9	-2	610.3	5184.4	-1527.9	259.5	43.7
15TH	238.50	-18.7	105.5	2015	2015	-9.3	52.3	9	-2	629.0	5079.0	-1461.1	251.5	42.5
16TH	251.50	-15.7	107.5	2015	2015	-7.8	53.3	9	-1	644.7	4971.5	-1395.8	243.2	41.3
17TH	264.50	-13.0	108.3	2015	2015	-6.5	53.7	9	-1	657.8	4863.2	-1331.9	234.7	40.0
18TH	277.50	-10.5	108.7	2015	2015	-5.2	54.0	9	-1	668.2	4754.5	-1269.4	226.1	38.7
19TH	290.50	-7.9	109.2	2015	2015	-3.9	54.2	9	-1	676.1	4645.3	-1208.3	217.4	37.4
20TH	303.50	-5.4	109.6	2015	2015	-2.7	54.4	9	-0	681.5	4535.7	-1148.6	208.5	36.2
21ST	316.50	-2.8	110.1	2015	2015	-1.4	54.6	9	-0	684.3	4425.6	-1090.4	199.7	34.9
22ND	329.50	-.2	110.6	2015	2015	-.1	54.9	9	-0	684.5	4315.1	-1033.5	190.8	33.7
		2.3	111.0	2015	2015	1.2	55.1	9	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									682.2	4204.0	-978.2	181.9	32.5
24TH	355.50	4.6	111.5	2015	2015	2.3	55.4	9	0	677.6	4092.5	-924.2	173.0	31.3
25TH	368.50	6.4	112.2	2015	2015	3.2	55.7	8	0	671.2	3980.3	-871.8	164.3	30.1
26TH	381.50	8.2	112.8	2015	2015	4.1	56.0	8	1	663.0	3867.5	-820.8	155.6	29.0
27TH	394.50	10.0	113.5	2015	2015	4.9	56.3	8	1	653.0	3754.0	-771.2	147.0	27.9
28TH	407.50	11.7	114.1	2015	2015	5.8	56.6	8	1	641.3	3639.9	-723.2	138.6	26.8
29TH	420.50	13.5	114.7	2015	2015	6.7	56.9	7	1	627.7	3525.2	-676.6	130.4	25.7
30TH	433.50	15.3	115.4	2015	2015	7.6	57.3	7	1	612.4	3409.8	-631.5	122.3	24.7
31ST	446.50	17.1	116.0	2015	2015	8.5	57.6	7	1	595.3	3293.8	-587.9	114.5	23.7
32ND	459.50	17.5	116.4	2015	2015	8.7	57.8	7	1	577.8	3177.4	-545.9	106.9	22.7
33RD	472.50	17.9	116.8	2015	2015	8.9	58.0	6	1	559.9	3060.6	-505.3	99.5	21.7
34TH	485.50	18.4	117.2	2015	2015	9.1	58.2	6	1	541.5	2943.3	-466.3	92.3	20.8
35TH	498.50	18.8	117.6	2015	2015	9.3	58.4	6	1	522.7	2825.7	-428.8	85.4	19.9
36TH	511.50	19.2	118.0	2015	2015	9.5	58.6	6	1	503.5	2707.7	-392.8	78.7	19.0
37TH	524.50	19.6	118.4	2015	2015	9.7	58.8	6	1	483.9	2589.3	-358.4	72.3	18.2
38TH	537.50	20.1	118.8	2015	2015	10.0	59.0	5	1	463.9	2470.5	-325.5	66.1	17.4
39TH	550.50	20.4	119.5	2015	2015	10.1	59.3	5	1	443.4	2351.0	-294.2	60.2	16.6
40TH	563.50	20.8	120.4	2015	2015	10.3	59.8	5	1	422.7	2230.6	-264.4	54.6	15.8
41ST	576.50	21.1	121.4	2015	2015	10.5	60.2	5	1	401.6	2109.2	-236.2	49.2	15.1
42ND	589.50	21.5	122.3	2015	2015	10.6	60.7	5	1	380.1	1987.0	-209.6	44.2	14.3
43RD	602.50	21.8	123.2	2015	2015	10.8	61.1	5	1	358.3	1863.7	-184.5	39.4	13.6
44TH	615.50	22.1	124.1	2015	2015	11.0	61.6	5	1	336.2	1739.6	-161.1	34.9	12.9
45TH	628.50	22.5	125.1	2015	2015	11.2	62.1	4	1	313.7	1614.5	-139.3	30.6	12.1
46TH	641.50	22.8	125.9	2015	2015	11.3	62.5	4	1	290.9	1488.6	-119.1	26.7	11.4
47TH	654.50	22.7	126.5	2015	2015	11.3	62.8	5	1	268.2	1362.1	-100.6	23.1	10.6
		22.6	127.0	2015	2015	11.2	63.0	5	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									245.6	1235.1	-83.7	19.7	9.8
		22.6	127.5	2015	2015	11.2	63.3	6	1					
49TH	680.50									223.0	1107.6	-68.5	16.7	8.8
		22.5	128.0	2015	2015	11.2	63.5	6	1					
50TH	693.50									200.5	979.6	-54.9	13.9	7.8
		22.4	128.6	2015	2015	11.1	63.8	6	1					
51ST	706.50									178.1	851.0	-43.0	11.5	6.8
		22.4	129.1	2015	2015	11.1	64.1	7	1					
52ND	719.50									155.7	722.0	-32.8	9.3	5.6
		22.3	129.6	2015	2015	11.1	64.3	7	1					
53RD	732.50									133.4	592.4	-24.3	7.4	4.4
		21.2	123.5	2015	2015	10.5	61.3	8	1					
54TH	745.50									112.2	468.8	-17.4	5.8	3.2
		33.4	195.7	3565	3565	9.4	54.9	8	1					
55TH	768.50									78.8	273.1	-8.8	3.6	1.2
		17.6	141.2	3091	3091	5.7	45.7	8	1					
CTWR	788.50									61.2	131.9	-4.8	2.2	-.3
		61.2	131.9	4980	4980	12.3	26.5	-1	-1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-555.6	7127.1	-3092.9	-190.0	-10.0
TERR	16.50	-28.2	100.9	4114	4114	-6.8	24.5	12	-3	-527.4	7026.1	-2976.1	-181.0	-11.7
MEZZ	29.50	-8.3	69.7	2502	2502	-3.3	27.9	9	-1	-519.1	6956.4	-2885.2	-174.2	-12.5
1ST	56.50	-35.4	164.3	4185	4185	-8.5	39.3	-0	0	-483.7	6792.1	-2699.6	-160.7	-12.5
2ND	69.50	-19.8	78.0	2015	2015	-9.8	38.7	-2	1	-463.9	6714.1	-2611.8	-154.5	-12.3
3RD	82.50	-18.7	80.5	2015	2015	-9.3	39.9	-2	0	-445.1	6633.6	-2525.1	-148.6	-12.1
4TH	95.50	-17.7	83.0	2015	2015	-8.8	41.2	-1	0	-427.5	6550.6	-2439.4	-142.9	-12.0
5TH	108.50	-16.6	85.5	2015	2015	-8.2	42.4	-1	0	-410.9	6465.1	-2354.8	-137.5	-11.8
6TH	121.50	-15.5	88.0	2015	2015	-7.7	43.7	-1	0	-395.4	6377.2	-2271.3	-132.3	-11.8
7TH	134.50	-14.4	90.5	2015	2015	-7.2	44.9	-0	0	-380.9	6286.7	-2189.0	-127.2	-11.7
8TH	147.50	-13.4	93.0	2015	2015	-6.6	46.2	0	-0	-367.6	6193.7	-2107.9	-122.3	-11.7
9TH	160.50	-12.3	95.4	2015	2015	-6.1	47.3	0	-0	-355.3	6098.3	-2028.0	-117.6	-11.8
10TH	173.50	-11.2	97.1	2015	2015	-5.6	48.2	0	-0	-344.0	6001.1	-1949.3	-113.1	-11.8
11TH	186.50	-10.2	98.9	2015	2015	-5.0	49.1	0	-0	-333.8	5902.3	-1872.0	-108.7	-11.9
12TH	199.50	-9.1	100.6	2015	2015	-4.5	49.9	0	-0	-324.7	5801.7	-1795.9	-104.4	-11.9
13TH	212.50	-8.0	102.3	2015	2015	-4.0	50.8	0	-0	-316.7	5699.3	-1721.1	-100.2	-12.0
14TH	225.50	-7.0	104.1	2015	2015	-3.5	51.7	0	-0	-309.7	5595.2	-1647.7	-96.2	-12.0
15TH	238.50	-5.9	105.8	2015	2015	-2.9	52.5	0	-0	-303.8	5489.4	-1575.7	-92.2	-12.1
16TH	251.50	-4.8	107.6	2015	2015	-2.4	53.4	0	-0	-299.0	5381.9	-1505.0	-88.3	-12.2
17TH	264.50	-4.9	109.6	2015	2015	-2.4	54.4	0	-0	-294.1	5272.2	-1435.7	-84.4	-12.2
18TH	277.50	-5.3	111.8	2015	2015	-2.6	55.5	0	-0	-288.8	5160.5	-1367.9	-80.6	-12.3
19TH	290.50	-5.7	113.9	2015	2015	-2.8	56.5	0	-0	-283.1	5046.6	-1301.6	-76.9	-12.3
20TH	303.50	-6.1	116.0	2015	2015	-3.0	57.6	0	-0	-277.0	4930.5	-1236.7	-73.3	-12.3
21ST	316.50	-6.5	118.2	2015	2015	-3.2	58.6	0	-0	-270.5	4812.4	-1173.4	-69.7	-12.4
22ND	329.50	-6.9	120.3	2015	2015	-3.4	59.7	0	-0	-263.6	4692.0	-1111.6	-66.2	-12.4
		-7.3	122.5	2015	2015	-3.6	60.8	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR; HOUSTON
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-256.4	4569.6	-1051.4	-62.9	-12.4
24TH	355.50	-7.4	124.1	2015	2015	-3.7	61.6	-0	0	-249.0	4445.5	-992.8	-59.6	-12.4
25TH	368.50	-7.2	124.7	2015	2015	-3.6	61.9	-0	0	-241.8	4320.8	-935.8	-56.4	-12.3
26TH	381.50	-6.9	125.3	2015	2015	-3.4	62.2	-1	0	-234.9	4195.5	-880.5	-53.3	-12.2
27TH	394.50	-6.6	125.9	2015	2015	-3.3	62.5	-1	0	-228.2	4069.6	-826.8	-50.3	-12.1
28TH	407.50	-6.4	126.5	2015	2015	-3.2	62.8	-1	0	-221.9	3943.1	-774.7	-47.3	-11.9
29TH	420.50	-6.1	127.1	2015	2015	-3.0	63.1	-1	0	-215.7	3816.0	-724.2	-44.5	-11.7
30TH	433.50	-5.9	127.7	2015	2015	-2.9	63.4	-2	0	-209.9	3688.3	-675.5	-41.7	-11.4
31ST	446.50	-5.6	128.3	2015	2015	-2.8	63.7	-2	0	-204.3	3560.0	-628.4	-39.0	-11.1
32ND	459.50	-5.7	128.9	2015	2015	-2.8	63.9	-2	0	-198.6	3431.2	-582.9	-36.4	-10.8
33RD	472.50	-5.8	129.4	2015	2015	-2.9	64.2	-2	0	-192.7	3301.8	-539.1	-33.9	-10.5
34TH	485.50	-5.9	130.0	2015	2015	-3.0	64.5	-2	0	-186.8	3171.8	-497.1	-31.4	-10.2
35TH	498.50	-6.1	130.5	2015	2015	-3.0	64.8	-2	0	-180.7	3041.2	-456.7	-29.0	-9.9
36TH	511.50	-6.2	131.1	2015	2015	-3.1	65.1	-2	0	-174.6	2910.1	-418.0	-26.7	-9.7
37TH	524.50	-6.3	131.6	2015	2015	-3.1	65.3	-2	0	-168.3	2778.5	-381.0	-24.5	-9.4
38TH	537.50	-6.4	132.2	2015	2015	-3.2	65.6	-2	0	-161.8	2646.3	-345.8	-22.3	-9.1
39TH	550.50	-6.6	132.6	2015	2015	-3.3	65.8	-2	0	-155.3	2513.6	-312.2	-20.3	-8.8
40TH	563.50	-6.8	133.0	2015	2015	-3.4	66.0	-2	0	-148.5	2380.7	-280.4	-18.3	-8.5
41ST	576.50	-7.0	133.3	2015	2015	-3.5	66.2	-2	0	-141.4	2247.3	-250.3	-16.4	-8.2
42ND	589.50	-7.2	133.7	2015	2015	-3.6	66.3	-2	0	-134.2	2113.7	-222.0	-14.6	-7.9
43RD	602.50	-7.5	134.0	2015	2015	-3.7	66.5	-2	0	-126.8	1979.7	-195.4	-12.9	-7.5
44TH	615.50	-7.7	134.3	2015	2015	-3.8	66.7	-2	0	-119.1	1845.3	-170.5	-11.3	-7.2
45TH	628.50	-7.9	134.7	2015	2015	-3.9	66.8	-2	0	-111.2	1710.6	-147.4	-9.8	-6.8
46TH	641.50	-8.1	135.0	2015	2015	-4.0	67.0	-2	0	-103.1	1575.6	-126.0	-8.4	-6.4
47TH	654.50	-8.4	135.2	2015	2015	-4.1	67.1	-2	0	-94.7	1440.4	-106.4	-7.2	-6.0
		-8.6	135.4	2015	2015	-4.3	67.2	-3	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
48TH	667.50									-86.1	1304.9	-88.6	-6.0	-5.6
		-8.8	135.7	2015	2015	-4.4	67.3	-3	0					
49TH	680.50									-77.3	1169.3	-72.5	-4.9	-5.1
		-9.1	135.9	2015	2015	-4.5	67.4	-3	0					
50TH	693.50									-68.2	1033.4	-58.2	-4.0	-4.7
		-9.3	136.1	2015	2015	-4.6	67.5	-3	0					
51ST	706.50									-58.9	897.3	-45.6	-3.2	-4.2
		-9.5	136.3	2015	2015	-4.7	67.7	-3	0					
52ND	719.50									-49.4	761.0	-34.9	-2.4	-3.7
		-9.8	136.5	2015	2015	-4.9	67.8	-3	0					
53RD	732.50									-39.6	624.4	-25.9	-1.9	-3.2
		-9.3	129.6	2015	2015	-4.6	64.3	-3	0					
54TH	745.50									-30.3	494.8	-18.6	-1.4	-2.7
		-14.4	203.5	3565	3565	-4.0	57.1	-4	0					
55TH	768.50									-15.9	291.3	-9.5	-.9	-1.7
		-.3	148.0	3091	3091	-.1	47.9	-4	0					
CTWR	788.50									-15.6	143.3	-5.2	-.6	-1.0
		-15.6	143.3	4980	4980	-3.1	28.8	-5	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-26.0	6899.1	-2933.2	-236.2	-73.0
TERR	16.50	18.9	109.9	4114	4114	4.6	26.7	22	4	-44.9	6789.2	-2820.3	-235.6	-76.2
MEZZ	29.50	27.1	80.7	2502	2502	10.8	32.2	3	1	-71.9	6708.6	-2732.6	-234.9	-76.5
1ST	56.50	52.9	168.9	4185	4185	12.6	40.4	-0	-0	-124.9	6539.7	-2553.7	-232.2	-76.5
2ND	69.50	26.1	80.8	2015	2015	13.0	40.1	-1	-0	-151.0	6458.9	-2469.2	-230.4	-76.4
3RD	82.50	26.4	83.7	2015	2015	13.1	41.5	-2	-1	-177.3	6375.2	-2385.8	-228.3	-76.1
4TH	95.50	26.6	86.5	2015	2015	13.2	43.0	-3	-1	-203.9	6288.7	-2303.5	-225.8	-75.7
5TH	108.50	26.8	89.4	2015	2015	13.3	44.4	-5	-1	-230.8	6199.2	-2222.3	-223.0	-75.2
6TH	121.50	27.1	92.3	2015	2015	13.4	45.8	-6	-2	-257.8	6106.9	-2142.3	-219.8	-74.5
7TH	134.50	27.3	95.2	2015	2015	13.5	47.2	-6	-2	-285.1	6011.7	-2063.6	-216.3	-73.6
8TH	147.50	27.5	98.1	2015	2015	13.7	48.7	-7	-2	-312.6	5913.6	-1986.0	-212.4	-72.7
9TH	160.50	27.4	100.7	2015	2015	13.6	50.0	-8	-2	-340.0	5812.9	-1909.8	-208.2	-71.6
10TH	173.50	24.9	101.8	2015	2015	12.4	50.5	-8	-2	-364.9	5711.1	-1834.9	-203.6	-70.5
11TH	186.50	22.4	102.8	2015	2015	11.1	51.0	-8	-2	-387.3	5608.3	-1761.3	-198.7	-69.4
12TH	199.50	19.8	103.8	2015	2015	9.8	51.5	-8	-2	-407.1	5504.5	-1689.1	-193.5	-68.3
13TH	212.50	17.3	104.9	2015	2015	8.6	52.0	-8	-1	-424.5	5399.6	-1618.2	-188.1	-67.2
14TH	225.50	14.8	105.9	2015	2015	7.3	52.6	-8	-1	-439.2	5293.7	-1548.7	-182.5	-66.1
15TH	238.50	12.3	106.9	2015	2015	6.1	53.1	-8	-1	-451.5	5186.8	-1480.6	-176.7	-65.0
16TH	251.50	9.7	108.0	2015	2015	4.8	53.6	-8	-1	-461.3	5078.8	-1413.9	-170.8	-63.9
17TH	264.50	8.4	109.1	2015	2015	4.2	54.1	-8	-1	-469.7	4969.7	-1348.6	-164.7	-62.8
18TH	277.50	7.4	110.1	2015	2015	3.7	54.7	-8	-1	-477.1	4859.6	-1284.7	-158.6	-61.6
19TH	290.50	6.4	111.2	2015	2015	3.2	55.2	-9	-0	-483.5	4748.4	-1222.2	-152.3	-60.4
20TH	303.50	5.4	112.3	2015	2015	2.7	55.7	-9	-0	-488.9	4636.1	-1161.2	-146.0	-59.2
21ST	316.50	4.4	113.4	2015	2015	2.2	56.3	-9	-0	-493.3	4522.8	-1101.7	-139.6	-57.9
22ND	329.50	3.4	114.4	2015	2015	1.7	56.8	-9	-0	-496.7	4408.4	-1043.6	-133.2	-56.6
		2.4	115.5	2015	2015	1.2	57.3	-9	-0					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-499.0	4292.9	-987.1	-126.7	-55.2
24TH	355.50	1.0	116.5	2015	2015	.5	57.8	-9	-0	-500.1	4176.4	-932.0	-120.2	-53.9
25TH	368.50	-.9	117.2	2015	2015	-.5	58.2	-9	0	-499.1	4059.2	-878.5	-113.7	-52.5
26TH	381.50	-2.9	117.9	2015	2015	-1.4	58.5	-9	0	-496.3	3941.3	-826.5	-107.3	-51.1
27TH	394.50	-4.8	118.7	2015	2015	-2.4	58.9	-9	0	-491.4	3822.6	-776.0	-100.8	-49.7
28TH	407.50	-6.8	119.4	2015	2015	-3.4	59.3	-9	1	-484.6	3703.2	-727.1	-94.5	-48.3
29TH	420.50	-8.7	120.1	2015	2015	-4.3	59.6	-9	1	-475.9	3583.1	-679.7	-88.2	-47.0
30TH	433.50	-10.7	120.9	2015	2015	-5.3	60.0	-9	1	-465.2	3462.2	-633.9	-82.1	-45.6
31ST	446.50	-12.7	121.6	2015	2015	-6.3	60.3	-9	1	-452.5	3340.6	-589.7	-76.2	-44.1
32ND	459.50	-13.6	121.8	2015	2015	-6.7	60.5	-9	1	-438.9	3218.8	-547.1	-70.4	-42.7
33RD	472.50	-14.5	122.1	2015	2015	-7.2	60.6	-9	1	-424.4	3096.7	-506.0	-64.8	-41.3
34TH	485.50	-15.5	122.3	2015	2015	-7.7	60.7	-9	1	-409.0	2974.4	-466.6	-59.3	-39.9
35TH	498.50	-16.4	122.5	2015	2015	-8.1	60.8	-9	1	-392.6	2851.9	-428.7	-54.1	-38.5
36TH	511.50	-17.3	122.8	2015	2015	-8.6	60.9	-9	1	-375.2	2729.1	-392.4	-49.1	-37.1
37TH	524.50	-18.3	123.0	2015	2015	-9.1	61.1	-9	1	-357.0	2606.1	-357.8	-44.4	-35.7
38TH	537.50	-19.2	123.3	2015	2015	-9.5	61.2	-9	1	-337.8	2482.8	-324.7	-39.9	-34.3
39TH	550.50	-19.8	123.7	2015	2015	-9.8	61.4	-9	1	-317.9	2359.1	-293.2	-35.6	-32.8
40TH	563.50	-20.2	124.2	2015	2015	-10.0	61.6	-9	1	-297.7	2235.0	-263.3	-31.6	-31.4
41ST	576.50	-20.6	124.7	2015	2015	-10.2	61.9	-9	2	-277.2	2110.3	-235.1	-27.9	-29.9
42ND	589.50	-21.0	125.2	2015	2015	-10.4	62.1	-9	2	-256.2	1985.1	-208.5	-24.4	-28.4
43RD	602.50	-21.3	125.7	2015	2015	-10.6	62.4	-9	2	-234.9	1859.3	-183.5	-21.2	-26.9
44TH	615.50	-21.7	126.3	2015	2015	-10.8	62.7	-9	2	-213.2	1733.1	-160.1	-18.3	-25.3
45TH	628.50	-22.1	126.8	2015	2015	-11.0	62.9	-10	2	-191.1	1606.3	-138.4	-15.7	-23.8
46TH	641.50	-22.2	127.2	2015	2015	-11.0	63.1	-10	2	-168.9	1479.0	-118.4	-13.3	-22.2
47TH	654.50	-20.7	127.2	2015	2015	-10.3	63.1	-10	2	-148.2	1351.9	-100.0	-11.3	-20.5
		-19.1	127.1	2015	2015	-9.5	63.1	-11	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-129.1	1224.8	-83.2	-9.5	-18.8
		-17.6	127.0	2015	2015	-8.7	63.0	-11	2					
49TH	680.50									-111.5	1097.8	-68.1	-7.9	-17.0
		-16.0	127.0	2015	2015	-8.0	63.0	-12	1					
50TH	693.50									-95.4	970.8	-54.7	-6.6	-15.2
		-14.5	126.9	2015	2015	-7.2	63.0	-12	1					
51ST	706.50									-80.9	843.9	-42.9	-5.4	-13.2
		-13.0	126.8	2015	2015	-6.4	62.9	-13	1					
52ND	719.50									-68.0	717.1	-32.7	-4.4	-11.2
		-11.4	126.8	2015	2015	-5.7	62.9	-13	1					
53RD	732.50									-56.5	590.3	-24.2	-3.6	-9.2
		-10.2	121.5	2015	2015	-5.1	60.3	-13	1					
54TH	745.50									-46.3	468.8	-17.4	-3.0	-7.1
		-15.6	195.9	3565	3565	-4.4	54.9	-14	1					
55TH	768.50									-30.7	272.9	-8.8	-2.1	-3.6
		7.5	140.9	3091	3091	2.4	45.6	-13	-1					
CTWR	788.50									-38.3	132.0	-4.8	-1.4	-1.4
		-38.3	132.0	4980	4980	-7.7	26.5	-8	2					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									2105.1	6444.2	-2715.3	767.1	-63.4
TERR	16.50	74.3	111.5	4114	4114	18.1	27.1	1	1	2030.8	6332.7	-2609.9	733.0	-63.6
MEZZ	29.50	48.7	85.1	2502	2502	19.5	34.0	1	0	1982.1	6247.6	-2528.1	706.9	-63.7
1ST	56.50	99.5	174.0	4185	4185	23.8	41.6	-2	-1	1882.6	6073.5	-2361.8	654.7	-63.2
2ND	69.50	49.2	81.9	2015	2015	24.4	40.6	-2	-1	1833.4	5991.7	-2283.3	630.6	-62.9
3RD	82.50	48.5	83.4	2015	2015	24.1	41.4	-3	-2	1784.9	5908.3	-2206.0	607.1	-62.5
4TH	95.50	47.9	84.9	2015	2015	23.8	42.2	-4	-2	1737.0	5823.3	-2129.7	584.2	-62.0
5TH	108.50	47.2	86.5	2015	2015	23.4	42.9	-4	-2	1689.7	5736.8	-2054.6	561.9	-61.4
6TH	121.50	46.6	88.0	2015	2015	23.1	43.7	-5	-3	1643.2	5648.8	-1980.6	540.2	-60.7
7TH	134.50	45.9	89.6	2015	2015	22.8	44.5	-6	-3	1597.3	5559.2	-1907.7	519.2	-59.9
8TH	147.50	45.2	91.1	2015	2015	22.4	45.2	-6	-3	1552.1	5468.1	-1836.0	498.7	-59.0
9TH	160.50	44.4	92.6	2015	2015	22.1	46.0	-7	-3	1507.6	5375.4	-1765.6	478.8	-58.1
10TH	173.50	42.7	93.8	2015	2015	21.2	46.6	-7	-3	1464.9	5281.6	-1696.3	459.5	-57.1
11TH	186.50	41.1	95.0	2015	2015	20.4	47.1	-7	-3	1423.8	5186.6	-1628.2	440.7	-56.1
12TH	199.50	39.4	96.1	2015	2015	19.5	47.7	-7	-3	1384.5	5090.5	-1561.4	422.4	-55.1
13TH	212.50	37.7	97.3	2015	2015	18.7	48.3	-7	-3	1346.8	4993.2	-1495.9	404.7	-54.2
14TH	225.50	36.0	98.5	2015	2015	17.9	48.9	-7	-3	1310.8	4894.7	-1431.6	387.4	-53.2
15TH	238.50	34.3	99.7	2015	2015	17.0	49.5	-7	-2	1276.6	4795.0	-1368.7	370.6	-52.2
16TH	251.50	32.6	100.8	2015	2015	16.2	50.0	-7	-2	1244.0	4694.2	-1307.0	354.2	-51.2
17TH	264.50	31.9	101.7	2015	2015	15.8	50.5	-7	-2	1212.1	4592.5	-1246.6	338.3	-50.2
18TH	277.50	31.5	102.5	2015	2015	15.6	50.9	-7	-2	1180.6	4489.9	-1187.6	322.7	-49.2
19TH	290.50	31.0	103.4	2015	2015	15.4	51.3	-7	-2	1149.6	4386.6	-1129.9	307.6	-48.2
20TH	303.50	30.6	104.2	2015	2015	15.2	51.7	-7	-2	1119.0	4282.4	-1073.5	292.8	-47.1
21ST	316.50	30.2	105.0	2015	2015	15.0	52.1	-7	-2	1088.8	4177.3	-1018.5	278.5	-46.1
22ND	329.50	29.7	105.9	2015	2015	14.8	52.5	-7	-2	1059.1	4071.4	-964.9	264.5	-45.0
		29.3	106.7	2015	2015	14.5	53.0	-8	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									1029.8	3964.7	-912.7	250.9	-43.9
		29.0	107.5	2015	2015	14.4	53.3	-8	-2					
24TH	355.50									1000.8	3857.3	-861.8	237.7	-42.9
		28.9	108.2	2015	2015	14.4	53.7	-8	-2					
25TH	368.50									971.9	3749.1	-812.4	224.9	-41.7
		28.9	108.9	2015	2015	14.3	54.0	-8	-2					
26TH	381.50									943.0	3640.2	-764.4	212.5	-40.6
		28.8	109.6	2015	2015	14.3	54.4	-8	-2					
27TH	394.50									914.2	3530.6	-717.8	200.4	-39.4
		28.8	110.3	2015	2015	14.3	54.7	-8	-2					
28TH	407.50									885.5	3420.3	-672.6	188.7	-38.3
		28.7	111.0	2015	2015	14.2	55.1	-8	-2					
29TH	420.50									856.8	3309.3	-628.8	177.4	-37.1
		28.6	111.7	2015	2015	14.2	55.4	-8	-2					
30TH	433.50									828.1	3197.6	-586.5	166.4	-35.8
		28.6	112.4	2015	2015	14.2	55.8	-8	-2					
31ST	446.50									799.5	3085.2	-545.7	155.8	-34.6
		27.8	112.6	2015	2015	13.8	55.9	-8	-2					
32ND	459.50									771.8	2972.6	-506.3	145.6	-33.3
		27.0	112.8	2015	2015	13.4	56.0	-9	-2					
33RD	472.50									744.8	2859.8	-468.4	135.8	-32.0
		26.1	113.0	2015	2015	13.0	56.1	-9	-2					
34TH	485.50									718.7	2746.8	-432.0	126.2	-30.8
		25.3	113.2	2015	2015	12.6	56.2	-9	-2					
35TH	498.50									693.3	2633.7	-397.0	117.1	-29.5
		24.5	113.3	2015	2015	12.2	56.3	-9	-2					
36TH	511.50									668.8	2520.3	-363.5	108.2	-28.2
		23.7	113.5	2015	2015	11.8	56.3	-9	-2					
37TH	524.50									645.1	2406.8	-331.5	99.7	-26.9
		22.9	113.7	2015	2015	11.4	56.4	-9	-2					
38TH	537.50									622.2	2293.1	-300.9	91.4	-25.6
		23.0	114.0	2015	2015	11.4	56.6	-9	-2					
39TH	550.50									599.2	2179.0	-271.9	83.5	-24.2
		23.9	114.5	2015	2015	11.9	56.8	-9	-2					
40TH	563.50									575.3	2064.6	-244.3	75.9	-22.9
		24.8	114.9	2015	2015	12.3	57.0	-9	-2					
41ST	576.50									550.6	1949.7	-218.2	68.5	-21.6
		25.6	115.3	2015	2015	12.7	57.2	-9	-2					
42ND	589.50									524.9	1834.4	-193.6	61.5	-20.2
		26.5	115.7	2015	2015	13.2	57.4	-9	-2					
43RD	602.50									498.4	1718.7	-170.5	54.9	-18.9
		27.4	116.1	2015	2015	13.6	57.6	-9	-2					
44TH	615.50									471.0	1602.6	-148.9	48.6	-17.5
		28.2	116.5	2015	2015	14.0	57.8	-9	-2					
45TH	628.50									442.8	1486.1	-128.8	42.7	-16.1
		29.1	116.9	2015	2015	14.4	58.0	-9	-2					
46TH	641.50									413.7	1369.2	-110.3	37.1	-14.7
		29.5	116.8	2015	2015	14.7	58.0	-9	-2					
47TH	654.50									384.2	1252.3	-93.2	31.9	-13.4
		30.0	116.8	2015	2015	14.9	58.0	-9	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									354.2	1135.5	-77.7	27.1	-12.0
		30.5	116.7	2015	2015	15.1	57.9	-9	-2					
49TH	680.50									323.7	1018.8	-63.7	22.7	-10.7
		30.9	116.7	2015	2015	15.4	57.9	-8	-2					
50TH	693.50									292.8	902.1	-51.2	18.7	-9.4
		31.4	116.6	2015	2015	15.6	57.9	-8	-2					
51ST	706.50									261.4	785.5	-40.2	15.1	-8.1
		31.9	116.6	2015	2015	15.8	57.9	-8	-2					
52ND	719.50									229.5	668.9	-30.8	11.9	-6.8
		32.4	116.5	2015	2015	16.1	57.8	-8	-2					
53RD	732.50									197.1	552.3	-22.9	9.1	-5.5
		32.5	112.0	2015	2015	16.1	55.6	-8	-2					
54TH	745.50									164.6	440.3	-16.4	6.8	-4.3
		57.6	181.6	3565	3565	16.2	50.9	-8	-3					
55TH	768.50									107.0	258.8	-8.4	3.6	-2.3
		51.2	133.8	3091	3091	16.6	43.3	-7	-3					
CTWR	788.50									55.7	124.9	-4.5	2.0	-1.0
		55.7	124.9	4980	4980	11.2	25.1	-5	-2					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									3944.3	6130.6	-2543.0	1625.0	-24.4
TERR	16.50	105.3	105.0	4114	4114	25.6	25.5	-2	-2	3839.0	6025.6	-2442.7	1560.8	-23.8
MEZZ	29.50	62.4	92.5	2502	2502	25.0	37.0	0	0	3776.6	5933.1	-2365.0	1511.3	-23.9
1ST	56.50	124.8	179.1	4185	4185	29.8	42.8	-1	-1	3651.8	5754.1	-2207.2	1411.0	-23.6
2ND	69.50	60.6	83.7	2015	2015	30.1	41.5	-1	-0	3591.2	5670.4	-2132.9	1363.9	-23.5
3RD	82.50	59.7	84.9	2015	2015	29.6	42.1	-1	-1	3531.5	5585.5	-2059.8	1317.6	-23.4
4TH	95.50	58.9	86.1	2015	2015	29.2	42.7	-1	-1	3472.6	5499.4	-1987.7	1272.1	-23.2
5TH	108.50	58.0	87.3	2015	2015	28.8	43.3	-1	-1	3414.6	5412.1	-1916.8	1227.4	-23.0
6TH	121.50	57.1	88.5	2015	2015	28.3	43.9	-1	-1	3357.5	5323.6	-1847.0	1183.3	-22.8
7TH	134.50	56.2	89.7	2015	2015	27.9	44.5	-2	-1	3301.2	5233.9	-1778.4	1140.1	-22.5
8TH	147.50	55.4	90.9	2015	2015	27.5	45.1	-2	-1	3245.9	5143.0	-1710.9	1097.5	-22.2
9TH	160.50	54.7	92.1	2015	2015	27.1	45.7	-2	-1	3191.2	5050.9	-1644.7	1055.7	-21.9
10TH	173.50	55.4	92.8	2015	2015	27.5	46.1	-2	-1	3135.8	4958.1	-1579.6	1014.5	-21.6
11TH	186.50	56.1	93.6	2015	2015	27.8	46.5	-2	-1	3079.7	4864.4	-1515.8	974.1	-21.3
12TH	199.50	56.8	94.4	2015	2015	28.2	46.8	-2	-1	3022.9	4770.1	-1453.2	934.5	-21.0
13TH	212.50	57.5	95.1	2015	2015	28.5	47.2	-2	-1	2965.3	4674.9	-1391.8	895.5	-20.8
14TH	225.50	58.2	95.9	2015	2015	28.9	47.6	-2	-1	2907.1	4579.0	-1331.6	857.4	-20.5
15TH	238.50	58.9	96.7	2015	2015	29.2	48.0	-2	-1	2848.2	4482.3	-1272.7	820.0	-20.2
16TH	251.50	59.6	97.4	2015	2015	29.6	48.4	-1	-1	2788.6	4384.9	-1215.1	783.3	-20.0
17TH	264.50	60.2	98.0	2015	2015	29.9	48.6	-2	-1	2728.4	4286.9	-1158.7	747.5	-19.7
18TH	277.50	60.7	98.4	2015	2015	30.1	48.8	-2	-1	2667.7	4188.5	-1103.6	712.4	-19.4
19TH	290.50	61.2	98.8	2015	2015	30.4	49.1	-2	-1	2606.5	4089.7	-1049.8	678.1	-19.1
20TH	303.50	61.7	99.3	2015	2015	30.6	49.3	-2	-1	2544.8	3990.4	-997.3	644.6	-18.8
21ST	316.50	62.2	99.7	2015	2015	30.9	49.5	-2	-1	2482.6	3890.6	-946.1	611.9	-18.4
22ND	329.50	62.7	100.2	2015	2015	31.1	49.7	-2	-1	2419.9	3790.5	-896.1	580.1	-18.0
		63.2	100.6	2015	2015	31.4	49.9	-2	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									2356.6	3689.8	-847.5	549.0	-17.6
24TH	355.50	63.7	101.2	2015	2015	31.6	50.2	-2	-2	2292.9	3588.7	-800 2	518.8	-17.1
25TH	368.50	64.1	101.9	2015	2015	31.8	50.6	-2	-2	2228.8	3486.8	-754 2	489.4	-16.7
26TH	381.50	64.5	102.6	2015	2015	32.0	50.9	-2	-1	2164.3	3384.1	-709.6	460.9	-16.3
27TH	394.50	64.9	103.4	2015	2015	32.2	51.3	-2	-1	2099.4	3280.8	-666.2	433.1	-15.9
28TH	407.50	65.3	104.1	2015	2015	32.4	51.7	-2	-1	2034.2	3176.7	-624 3	406.3	-15.5
29TH	420.50	65.6	104.8	2015	2015	32.6	52.0	-2	-1	1968.5	3071.8	-583.6	380.3	-15.1
30TH	433.50	66.0	105.6	2015	2015	32.8	52.4	-2	-1	1902.5	2966.3	-544.4	355.1	-14.7
31ST	446.50	66.4	106.3	2015	2015	33.0	52.8	-2	-1	1836.1	2860.0	-506.5	330.8	-14.3
32ND	459.50	66.3	106.3	2015	2015	32.9	52.8	-2	-1	1769.8	2753.6	-470 0	307.4	-13.9
33RD	472.50	66.2	106.3	2015	2015	32.9	52.8	-2	-1	1703.5	2647.3	-434.9	284.8	-13.5
34TH	485.50	66.2	106.3	2015	2015	32.8	52.8	-2	-1	1637.4	2541.0	-401 2	263.1	-13.1
35TH	498.50	66.1	106.3	2015	2015	32.8	52.8	-2	-2	1571.3	2434.7	-368.9	242.2	-12.6
36TH	511.50	66.0	106.3	2015	2015	32.7	52.8	-3	-2	1505.3	2328.3	-337.9	222.2	-12.2
37TH	524.50	65.9	106.4	2015	2015	32.7	52.8	-3	-2	1439.4	2222.0	-308.3	203.1	-11.7
38TH	537.50	65.8	106.4	2015	2015	32.7	52.8	-3	-2	1373.6	2115.6	-280.1	184.8	-11.1
39TH	550.50	66.0	106.3	2015	2015	32.8	52.8	-3	-2	1307.6	2009.3	-253.3	167.4	-10.6
40TH	563.50	66.5	106.3	2015	2015	33.0	52.8	-3	-2	1241.1	1903.0	-227.9	150.8	-10.0
41ST	576.50	67.0	106.3	2015	2015	33.2	52.7	-3	-2	1174.1	1796.7	-203.8	135.1	-9.5
42ND	589.50	67.4	106.2	2015	2015	33.5	52.7	-3	-2	1106.7	1690.5	-181 2	120.3	-8.9
43RD	602.50	67.9	106.2	2015	2015	33.7	52.7	-3	-2	1038.8	1584.3	-159 9	106.3	-8.3
44TH	615.50	68.4	106.1	2015	2015	33.9	52.7	-3	-2	970.4	1478.2	-140 0	93.3	-7.7
45TH	628.50	68.8	106.1	2015	2015	34.2	52.6	-3	-2	901.6	1372.1	-121 5	81.1	-7.1
46TH	641.50	69.2	106.0	2015	2015	34.4	52.6	-3	-2	832.3	1266.1	-104 3	69.8	-6.5
47TH	654.50	69.0	105.9	2015	2015	34.2	52.5	-3	-2	763.4	1160.2	-88.5	59.4	-5.9
		68.7	105.7	2015	2015	34.1	52.5	-3	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									694.6	1054.5	-74.1	50.0	-5.3
		68.5	105.6	2015	2015	34.0	52.4	-3	-2					
49TH	680.50									626.2	948.9	-61.1	41.4	-4.8
		68.2	105.5	2015	2015	33.9	52.3	-3	-2					
50TH	693.50									557.9	843.4	-49.5	33.7	-4.2
		68.0	105.3	2015	2015	33.7	52.3	-3	-2					
51ST	706.50									490.0	738.1	-39.2	26.9	-3.7
		67.7	105.2	2015	2015	33.6	52.2	-3	-2					
52ND	719.50									422.2	632.9	-30.3	20.9	-3.2
		67.5	105.1	2015	2015	33.5	52.1	-3	-2					
53RD	732.50									354.7	527.8	-22.7	15.9	-2.7
		65.8	101.6	2015	2015	32.6	50.4	-3	-2					
54TH	745.50									289.0	426.2	-16.5	11.7	-2.2
		110.3	167.2	3565	3565	30.9	46.9	-3	-2					
55TH	768.50									178.7	259.0	-8.7	6.3	-1.3
		80.3	127.9	3091	3091	26.0	41.4	-3	-2					
CTWR	788.50									98.4	131.1	-4.8	3.6	-.6
		98.4	131.1	4980	4980	19.8	26.3	-2	-2					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									6506.8	6299.8	-2611.1	2690.8	.2
TERR	16.50	161.1	95.0	4114	4114	39.2	23.1	0	0	6345.7	6204.7	-2508.0	2584.8	.2
MEZZ	29.50	95.6	89.3	2502	2502	38.2	35.7	1	1	6250.2	6115.4	-2427.9	2502.9	-.0
1ST	56.50	186.8	175.0	4185	4185	44.6	41.8	-0	-0	6063.3	5940.4	-2265.2	2336.7	.1
2ND	69.50	90.1	83.6	2015	2015	44.7	41.5	0	0	5973.3	5856.7	-2188.5	2258.4	.0
3RD	82.50	90.8	85.6	2015	2015	45.1	42.5	0	0	5882.5	5771.1	-2112.9	2181.4	-.0
4TH	95.50	91.5	87.6	2015	2015	45.4	43.5	0	0	5791.0	5683.5	-2038.4	2105.5	-.1
5TH	108.50	92.2	89.6	2015	2015	45.8	44.5	0	0	5698.7	5593.9	-1965.1	2030.8	-.1
6TH	121.50	93.0	91.6	2015	2015	46.1	45.5	-0	-0	5605.8	5502.3	-1893.0	1957.3	-.1
7TH	134.50	93.7	93.6	2015	2015	46.5	46.4	-0	-0	5512.1	5408.7	-1822.1	1885.0	-.0
8TH	147.50	94.4	95.6	2015	2015	46.9	47.4	-0	-0	5417.7	5313.2	-1752.4	1814.0	.1
9TH	160.50	95.1	97.4	2015	2015	47.2	48.3	-0	-0	5322.5	5215.8	-1684.0	1744.2	.1
10TH	173.50	96.0	98.3	2015	2015	47.6	48.8	-0	-0	5226.5	5117.5	-1616.8	1675.6	.2
11TH	186.50	96.9	99.2	2015	2015	48.1	49.2	-0	-0	5129.7	5018.3	-1550.9	1608.3	.2
12TH	199.50	97.7	100.1	2015	2015	48.5	49.7	0	0	5032.0	4918.2	-1486.3	1542.3	.2
13TH	212.50	98.6	101.0	2015	2015	48.9	50.1	0	0	4933.4	4817.2	-1423.0	1477.5	.2
14TH	225.50	99.4	101.8	2015	2015	49.3	50.5	0	0	4834.0	4715.4	-1361.1	1414.0	.1
15TH	238.50	100.3	102.7	2015	2015	49.8	51.0	0	0	4733.7	4612.7	-1300.4	1351.8	.1
16TH	251.50	101.1	103.6	2015	2015	50.2	51.4	0	0	4632.6	4509.1	-1241.2	1290.9	-.1
17TH	264.50	101.8	104.0	2015	2015	50.5	51.6	0	0	4530.8	4405.0	-1183.2	1231.4	-.2
18TH	277.50	102.3	104.3	2015	2015	50.8	51.8	0	0	4428.5	4300.7	-1126.6	1173.1	-.3
19TH	290.50	102.9	104.7	2015	2015	51.1	51.9	0	0	4325.6	4196.0	-1071.4	1116.2	-.4
20TH	303.50	103.5	105.0	2015	2015	51.4	52.1	0	0	4222.1	4091.1	-1017.5	1060.7	-.4
21ST	316.50	104.0	105.3	2015	2015	51.6	52.2	0	0	4118.0	3985.8	-965.0	1006.5	-.5
22ND	329.50	104.6	105.6	2015	2015	51.9	52.4	0	0	4013.4	3880.2	-913.9	953.6	-.5
		105.2	105.9	2015	2015	52.2	52.5	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									3908.2	3774.3	-864.1	902.1	-.6
24TH	355.50	105.8	106.2	2015	2015	52.5	52.7	0	0	3802.4	3668.1	-815.8	852.0	-.6
25TH	368.50	106.6	106.7	2015	2015	52.9	52.9	0	0	3695.8	3561.4	-768.8	803.3	-.6
26TH	381.50	107.4	107.1	2015	2015	53.3	53.2	-0	-0	3588.5	3454.3	-723.2	755.9	-.6
27TH	394.50	108.1	107.6	2015	2015	53.7	53.4	-0	-0	3480.4	3346.7	-679.0	710.0	-.6
28TH	407.50	108.9	108.0	2015	2015	54.0	53.6	-0	-0	3371.5	3238.7	-636.2	665.4	-.6
29TH	420.50	109.6	108.5	2015	2015	54.4	53.8	-0	-0	3261.8	3130.3	-594.8	622.3	-.5
30TH	433.50	110.4	108.9	2015	2015	54.8	54.0	-0	-0	3151.4	3021.3	-554.8	580.6	-.5
31ST	446.50	111.2	109.4	2015	2015	55.2	54.3	-0	-0	3040.3	2912.0	-516.2	540.4	-.4
32ND	459.50	111.3	109.2	2015	2015	55.2	54.2	-0	-0	2929.0	2802.8	-479.1	501.6	-.4
33RD	472.50	111.4	109.1	2015	2015	55.3	54.1	-0	-0	2817.6	2693.7	-443.3	464.2	-.3
34TH	485.50	111.5	109.0	2015	2015	55.3	54.1	-0	-0	2706.2	2584.7	-409.0	428.3	-.3
35TH	498.50	111.6	108.9	2015	2015	55.4	54.0	-0	-0	2594.6	2475.8	-376.1	393.9	-.2
36TH	511.50	111.7	108.8	2015	2015	55.4	54.0	-0	-0	2483.0	2367.0	-344.7	360.9	-.2
37TH	524.50	111.8	108.6	2015	2015	55.5	53.9	-0	-0	2371.2	2258.4	-314.6	329.3	-.2
38TH	537.50	111.9	108.5	2015	2015	55.5	53.9	-0	-0	2259.4	2149.9	-285.9	299.2	-.2
39TH	550.50	112.2	108.4	2015	2015	55.7	53.8	-0	-0	2147.2	2041.5	-258.7	270.6	-.2
40TH	563.50	112.7	108.3	2015	2015	55.9	53.7	-0	-0	2034.5	1933.2	-232.9	243.4	-.2
41ST	576.50	113.2	108.2	2015	2015	56.2	53.7	-0	-0	1921.3	1825.1	-208.4	217.7	-.2
42ND	589.50	113.7	108.1	2015	2015	56.4	53.6	-0	-0	1807.7	1717.0	-185.4	193.4	-.2
43RD	602.50	114.2	107.9	2015	2015	56.7	53.6	-0	-0	1693.5	1609.0	-163.8	170.7	-.1
44TH	615.50	114.7	107.8	2015	2015	56.9	53.5	-0	-0	1578.8	1501.2	-143.6	149.4	-.1
45TH	628.50	115.2	107.7	2015	2015	57.2	53.5	-0	-0	1463.7	1393.5	-124.8	129.6	-.1
46TH	641.50	115.5	107.6	2015	2015	57.3	53.4	-0	-0	1348.2	1285.9	-107.3	111.3	-.1
47TH	654.50	114.8	107.1	2015	2015	57.0	53.2	-0	-0	1233.4	1178.8	-91.3	94.6	-.1
		114.1	106.7	2015	2015	56.6	53.0	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									1119.3	1072.1	-76.7	79.3	-.1
		113.3	106.3	2015	2015	56.2	52.7	0	0					
49TH	680.50									1006.0	965.8	-63.4	65.5	-.1
		112.6	105.9	2015	2015	55.9	52.5	0	0					
50TH	693.50									893.4	859.9	-51.6	53.1	-.1
		111.9	105.4	2015	2015	55.5	52.3	0	0					
51ST	706.50									781.5	754.5	-41.1	42.2	-.2
		111.2	105.0	2015	2015	55.2	52.1	0	0					
52ND	719.50									670.4	649.5	-32.0	32.8	-.2
		110.4	104.6	2015	2015	54.8	51.9	0	0					
53RD	732.50									559.9	544.9	-24.2	24.8	-.3
		106.8	101.7	2015	2015	53.0	50.5	0	0					
54TH	745.50									453.2	443.3	-17.8	18.2	-.4
		176.3	169.7	3565	3565	49.5	47.6	0	0					
55TH	768.50									276.8	273.6	-9.5	9.8	-.5
		124.5	126.8	3091	3091	40.3	41.0	-0	-0					
CTWR	788.50									152.3	146.8	-5.3	5.5	-.4
		152.3	146.8	4980	4980	30.6	29.5	-1	-1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									7583.6	4353.9	-1804.1	3130.3	37.6
TERR	16.50	181.8	49.8	4114	4114	44.2	12.1	1	3	7401.7	4304.1	-1732.7	3006.6	36.9
MEZZ	29.50	108.2	58.6	2502	2502	43.3	23.4	2	4	7293.5	4245.5	-1677.1	2911.1	36.3
1ST	56.50	217.9	121.2	4185	4185	52.1	29.0	0	0	7075.6	4124.3	-1564.2	2717.1	36.3
2ND	69.50	104.7	59.8	2015	2015	52.0	29.7	0	0	6970.9	4064.5	-1510.9	2625.8	36.2
3RD	82.50	105.7	61.3	2015	2015	52.5	30.4	0	1	6865.2	4003.2	-1458.5	2535.9	36.1
4TH	95.50	106.7	62.8	2015	2015	53.0	31.2	0	1	6758.5	3940.4	-1406.9	2447.4	36.0
5TH	108.50	107.7	64.4	2015	2015	53.4	31.9	1	1	6650.8	3876.1	-1356.0	2360.2	35.8
6TH	121.50	108.7	65.9	2015	2015	53.9	32.7	1	1	6542.1	3810.2	-1306.1	2274.4	35.6
7TH	134.50	109.6	67.4	2015	2015	54.4	33.5	1	1	6432.5	3742.8	-1257.0	2190.1	35.4
8TH	147.50	110.6	68.9	2015	2015	54.9	34.2	1	1	6321.8	3673.8	-1208.8	2107.2	35.2
9TH	160.50	111.6	70.3	2015	2015	55.4	34.9	1	2	6210.3	3603.5	-1161.5	2025.7	34.9
10TH	173.50	112.4	70.9	2015	2015	55.8	35.2	1	2	6097.8	3532.6	-1115.1	1945.7	34.5
11TH	186.50	113.3	71.5	2015	2015	56.2	35.5	1	2	5984.5	3461.0	-1069.6	1867.2	34.1
12TH	199.50	114.1	72.1	2015	2015	56.6	35.8	1	2	5870.4	3388.9	-1025.1	1790.2	33.7
13TH	212.50	115.0	72.7	2015	2015	57.1	36.1	1	2	5755.4	3316.2	-981.5	1714.6	33.2
14TH	225.50	115.9	73.3	2015	2015	57.5	36.4	2	3	5639.5	3242.9	-938.9	1640.5	32.7
15TH	238.50	116.7	73.9	2015	2015	57.9	36.7	2	3	5522.8	3169.0	-897.2	1568.0	32.1
16TH	251.50	117.6	74.5	2015	2015	58.3	37.0	2	3	5405.2	3094.5	-856.5	1496.9	31.5
17TH	264.50	118.7	74.4	2015	2015	58.9	36.9	2	3	5286.6	3020.1	-816.8	1427.4	30.9
18TH	277.50	119.8	74.2	2015	2015	59.5	36.8	2	3	5166.7	2945.9	-778.0	1359.5	30.3
19TH	290.50	121.0	73.9	2015	2015	60.1	36.7	2	3	5045.7	2871.9	-740.2	1293.1	29.6
20TH	303.50	122.2	73.7	2015	2015	60.6	36.6	2	3	4923.5	2798.2	-703.3	1228.3	29.0
21ST	316.50	123.4	73.5	2015	2015	61.2	36.5	2	3	4800.2	2724.8	-667.4	1165.1	28.3
22ND	329.50	124.5	73.2	2015	2015	61.8	36.3	2	3	4675.6	2651.5	-632.5	1103.5	27.7
		125.7	73.0	2015	2015	62.4	36.2	2	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									4549.9	2578.5	-598.5	1043.5	27.0
24TH	355.50	126.6	72.8	2015	2015	62.8	36.1	2	3	4423.3	2505.7	-565.4	985.2	26.3
25TH	368.50	127.1	72.8	2015	2015	63.1	36.1	2	3	4296.2	2432.9	-533.3	928.5	25.6
26TH	381.50	127.5	72.8	2015	2015	63.3	36.2	2	3	4168.7	2360.0	-502.2	873.5	24.9
27TH	394.50	128.0	72.9	2015	2015	63.5	36.2	2	3	4040.7	2287.2	-472.0	820.2	24.2
28TH	407.50	128.5	72.9	2015	2015	63.8	36.2	2	4	3912.2	2214.3	-442.7	768.5	23.4
29TH	420.50	128.9	72.9	2015	2015	64.0	36.2	2	4	3783.3	2141.5	-414.4	718.4	22.7
30TH	433.50	129.4	72.9	2015	2015	64.2	36.2	2	4	3653.9	2068.6	-387.0	670.1	21.9
31ST	446.50	129.8	72.9	2015	2015	64.4	36.2	2	4	3524.1	1995.7	-360.6	623.4	21.1
32ND	459.50	130.1	72.6	2015	2015	64.5	36.0	2	4	3394.1	1923.1	-335.1	578.5	20.2
33RD	472.50	130.3	72.3	2015	2015	64.7	35.9	2	4	3263.8	1850.8	-310.6	535.2	19.4
34TH	485.50	130.5	72.1	2015	2015	64.8	35.8	2	4	3133.3	1778.7	-287.0	493.6	18.6
35TH	498.50	130.7	71.8	2015	2015	64.9	35.6	2	4	3002.5	1706.9	-264.4	453.7	17.7
36TH	511.50	131.0	71.5	2015	2015	65.0	35.5	2	4	2871.6	1635.4	-242.6	415.6	16.9
37TH	524.50	131.2	71.3	2015	2015	65.1	35.4	2	4	2740.4	1564.1	-221.8	379.1	16.0
38TH	537.50	131.4	71.0	2015	2015	65.2	35.2	2	4	2609.0	1493.2	-202.0	344.3	15.2
39TH	550.50	131.5	71.1	2015	2015	65.3	35.3	2	4	2477.4	1422.1	-183.0	311.2	14.3
40TH	563.50	131.5	71.5	2015	2015	65.3	35.5	2	4	2345.9	1350.6	-165.0	279.9	13.5
41ST	576.50	131.6	71.8	2015	2015	65.3	35.7	2	4	2214.3	1278.8	-147.9	250.3	12.6
42ND	589.50	131.6	72.2	2015	2015	65.3	35.8	2	4	2082.7	1206.5	-131.7	222.3	11.8
43RD	602.50	131.6	72.6	2015	2015	65.3	36.0	2	4	1951.1	1133.9	-116.5	196.1	11.0
44TH	615.50	131.6	73.0	2015	2015	65.3	36.2	2	4	1819.5	1060.9	-102.3	171.6	10.2
45TH	628.50	131.6	73.4	2015	2015	65.3	36.4	2	4	1687.9	987.5	-88.9	148.8	9.4
46TH	641.50	131.6	73.7	2015	2015	65.3	36.6	2	4	1556.3	913.8	-76.6	127.7	8.6
47TH	654.50	131.3	74.0	2015	2015	65.2	36.7	2	4	1425.0	839.8	-65.2	108.3	7.8
		131.0	74.2	2015	2015	65.0	36.8	2	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									1293.9	765.6	-54.8	90.7	7.0
		130.7	74.4	2015	2015	64.9	36.9	2	4					
49TH	680.50									1163.2	691.2	-45.3	74.7	6.2
		130.4	74.7	2015	2015	64.7	37.0	2	4					
50TH	693.50									1032.8	616.5	-36.8	60.4	5.4
		130.1	74.9	2015	2015	64.6	37.2	2	4					
51ST	706.50									902.6	541.7	-29.3	47.8	4.6
		129.8	75.1	2015	2015	64.4	37.3	2	4					
52ND	719.50									772.8	466.6	-22.7	36.9	3.7
		129.5	75.3	2015	2015	64.3	37.4	2	4					
53RD	732.50									643.3	391.2	-17.1	27.7	2.9
		124.6	73.8	2015	2015	61.8	36.6	2	4					
54TH	745.50									518.7	317.4	-12.5	20.2	2.0
		202.6	124.9	3565	3565	56.8	35.0	2	4					
55TH	768.50									316.1	192.5	-6.7	10.6	.7
		155.6	90.2	3091	3091	50.3	29.2	2	3					
CTWR	788.50									160.5	102.3	-3.7	5.8	-.1
		160.5	102.3	4980	4980	32.2	20.5	-0	-0					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									8005.9	1630.6	-707.7	3334.8	79.9
TERR	16.50	174.7	-20.7	4114	4114	42.5	-5.0	-1	7	7831.2	1651.4	-680.7	3204.1	78.4
MEZZ	29.50	99.5	12.8	2502	2502	39.8	5.1	1	8	7731.6	1638.6	-659.3	3102.9	77.3
1ST	56.50	214.8	39.1	4185	4185	51.3	9.3	-0	-1	7516.8	1599.5	-615.6	2897.1	77.5
2ND	69.50	104.0	22.1	2015	2015	51.6	11.0	0	0	7412.8	1577.4	-594.9	2800.0	77.5
3RD	82.50	106.2	23.4	2015	2015	52.7	11.6	0	1	7306.7	1554.0	-574.6	2704.4	77.4
4TH	95.50	108.4	24.7	2015	2015	53.8	12.3	0	1	7198.3	1529.2	-554.5	2610.1	77.2
5TH	108.50	110.6	26.0	2015	2015	54.9	12.9	0	2	7087.7	1503.2	-534.8	2517.2	76.9
6TH	121.50	112.8	27.3	2015	2015	56.0	13.6	1	3	6974.9	1475.9	-515.4	2425.8	76.5
7TH	134.50	115.0	28.7	2015	2015	57.1	14.2	1	3	6859.9	1447.2	-496.4	2335.9	76.1
8TH	147.50	117.2	30.0	2015	2015	58.2	14.9	1	4	6742.7	1417.3	-477.8	2247.5	75.5
9TH	160.50	119.2	31.1	2015	2015	59.2	15.4	1	4	6623.4	1386.2	-459.6	2160.6	74.8
10TH	173.50	120.1	30.8	2015	2015	59.6	15.3	1	5	6503.3	1355.3	-441.8	2075.3	74.1
11TH	186.50	121.0	30.6	2015	2015	60.1	15.2	1	5	6382.3	1324.7	-424.4	1991.5	73.2
12TH	199.50	121.9	30.4	2015	2015	60.5	15.1	1	6	6260.4	1294.3	-407.3	1909.3	72.3
13TH	212.50	122.8	30,1	2015	2015	60.9	15.0	2	6	6137.6	1264.2	-390.7	1828.8	71.3
14TH	225.50	123.7	29.9	2015	2015	61.4	14.8	2	7	6013.9	1234.3	-374.5	1749.8	70.1
15TH	238.50	124.6	29.7	2015	2015	61.8	14.7	2	7	5889.4	1204.6	-358.6	1672.4	68.9
16TH	251.50	125.4	29.4	2015	2015	62.3	14.6	2	8	5763.9	1175.2	-343.1	1596.7	67.6
17TH	264.50	126.3	29.2	2015	2015	62.7	14.5	2	8	5637.6	1146.0	-328.1	1522.5	66.3
18TH	277.50	127.2	28.9	2015	2015	63.1	14.3	2	8	5510.4	1117.2	-313.3	1450.1	65.0
19TH	290.50	128.1	28.6	2015	2015	63.6	14.2	2	8	5382.2	1088.5	-299.0	1379.3	63.7
20TH	303.50	129.0	28.3	2015	2015	64.0	14.1	2	8	5253.2	1060.2	-285.0	1310.2	62.3
21ST	316.50	129.9	28.0	2015	2015	64.5	13.9	2	8	5123.2	1032.2	-271.4	1242.7	61.0
22ND	329.50	130.8	27.8	2015	2015	64.9	13.8	2	8	4992.4	1004.4	-258.2	1177.0	59.7
		131.7	27.5	2015	2015	65.4	13.6	2	8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									4860.7	976.9	-245.3	1112.9	58.3
24TH	355.50	132.7	27.3	2015	2015	65.9	13.5	2	8	4728.0	949.7	-232.8	1050.6	56.9
25TH	368.50	133.8	27.1	2015	2015	66.4	13.5	2	8	4594.2	922.5	-220.6	990.0	55.5
26TH	381.50	134.8	27.0	2015	2015	66.9	13.4	2	8	4459.4	895.5	-208.8	931.1	54.1
27TH	394.50	135.9	26.9	2015	2015	67.4	13.3	2	8	4323.5	868.7	-197.3	874.0	52.6
28TH	407.50	136.9	26.7	2015	2015	68.0	13.3	2	9	4186.6	842.0	-186.2	818.7	51.1
29TH	420.50	138.0	26.6	2015	2015	68.5	13.2	2	9	4048.6	815.4	-175.5	765.2	49.6
30TH	433.50	139.1	26.5	2015	2015	69.0	13.1	2	9	3909.5	788.9	-165.0	713.5	48.0
31ST	446.50	140.1	26.3	2015	2015	69.5	13.1	2	9	3769.4	762.6	-154.9	663.6	46.4
32ND	459.50	140.3	25.3	2015	2015	69.6	12.5	2	9	3629.1	737.4	-145.2	615.5	44.7
33RD	472.50	140.5	24.2	2015	2015	69.7	12.0	2	9	3488.6	713.1	-135.8	569.2	43.1
34TH	485.50	140.6	23.2	2015	2015	69.8	11.5	2	9	3348.0	690.0	-126.6	524.8	41.4
35TH	498.50	140.8	22.1	2015	2015	69.9	11.0	2	10	3207.1	667.8	-117.8	482.2	39.6
36TH	511.50	141.0	21.1	2015	2015	70.0	10.5	1	10	3066.2	646.8	-109.3	441.4	37.8
37TH	524.50	141.2	20.0	2015	2015	70.1	9.9	1	10	2925.0	626.7	-101.0	402.4	36.0
38TH	537.50	141.3	19.0	2015	2015	70.1	9.4	1	10	2783.6	607.8	-93.0	365.3	34.2
39TH	550.50	141.3	19.1	2015	2015	70.1	9.5	1	10	2642.3	588.6	-85.2	330.1	32.4
40TH	563.50	141.2	20.1	2015	2015	70.1	10.0	1	10	2501.2	568.5	-77.7	296.6	30.5
41ST	576.50	141.0	21.2	2015	2015	70.0	10.5	2	10	2360.2	547.3	-70.4	265.0	28.6
42ND	589.50	140.8	22.2	2015	2015	69.9	11.0	2	10	2219.4	525.1	-63.4	235.3	26.8
43RD	602.50	140.6	23.3	2015	2015	69.8	11.5	2	10	2078.7	501.8	-56.8	207.3	24.9
44TH	615.50	140.5	24.3	2015	2015	69.7	12.1	2	10	1938.2	477.5	-50.4	181.2	23.0
45TH	628.50	140.3	25.3	2015	2015	69.6	12.6	2	10	1797.9	452.2	-44.4	156.9	21.1
46TH	641.50	140.2	26.4	2015	2015	69.6	13.1	2	10	1657.8	425.8	-38.7	134.5	19.2
47TH	654.50	140.2	27.6	2015	2015	69.6	13.7	2	10	1517.6	398.2	-33.3	113.8	17.3
		140.2	28.7	2015	2015	69.6	14.3	2	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									1377.4	369.5	-28.3	95.0	15.5
		140.2	29.9	2015	2015	69.6	14.8	2	10					
49TH	680.50									1237.2	339.6	-23.7	78.0	13.6
		140.2	31.1	2015	2015	69.6	15.4	2	10					
50TH	693.50									1097.0	308.5	-19.5	62.9	11.7
		140.2	32.3	2015	2015	69.6	16.0	2	10					
51ST	706.50									956.9	276.2	-15.7	49.5	9.9
		140.2	33.4	2015	2015	69.6	16.6	2	10					
52ND	719.50									816.7	242.8	-12.3	38.0	8.0
		140.2	34.6	2015	2015	69.6	17.2	2	10					
53RD	732.50									676.5	208.2	-9.4	28.3	6.2
		134.9	35.7	2015	2015	67.0	17.7	3	10					
54TH	745.50									541.5	172.5	-6.9	20.4	4.4
		219.4	65.6	3565	3565	61.5	18.4	3	9					
55TH	768.50									322.1	106.9	-3.7	10.4	1.7
		166.5	50.1	3091	3091	53.9	16.2	2	7					
CTWR	788.50									155.6	56.8	-2.1	5.6	.2
		155.6	56.8	4980	4980	31.2	11.4	0	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									4651.2	-838.5	309.4	1980.1	40.3
TERR	16.50	94.2	-50.5	4114	4114	22.9	-12.3	-4	7	4557.0	-788.1	295.9	1904.2	39.2
MEZZ	29.50	49.4	-26.8	2502	2502	19.8	-10.7	-7	13	4507.5	-761.2	285.9	1845.3	38.2
1ST	56.50	114.7	-42.2	4185	4185	27.4	-10.1	-1	2	4392.9	-719.0	265.9	1725.1	37.8
2ND	69.50	55.4	-19.7	2015	2015	27.5	-9.8	-1	2	4337.4	-699.3	256.7	1668.4	37.7
3RD	82.50	56.8	-18.6	2015	2015	28.2	-9.2	-1	2	4280.6	-680.7	247.7	1612.3	37.5
4TH	95.50	58.2	-17.5	2015	2015	28.9	-8.7	-0	1	4222.5	-663.2	239.0	1557.1	37.4
5TH	108.50	59.5	-16.4	2015	2015	29.5	-8.1	-0	1	4162.9	-646.8	230.4	1502.6	37.3
6TH	121.50	60.9	-15.3	2015	2015	30.2	-7.6	-0	1	4102.0	-631.5	222.1	1448.8	37.2
7TH	134.50	62.3	-14.2	2015	2015	30.9	-7.0	-0	1	4039.7	-617.3	214.0	1395.9	37.2
8TH	147.50	63.6	-13.1	2015	2015	31.6	-6.5	-0	1	3976.1	-604.2	206.1	1343.8	37.1
9TH	160.50	65.0	-12.1	2015	2015	32.2	-6.0	-0	0	3911.1	-592.2	198.3	1292.6	37.1
10TH	173.50	65.9	-11.5	2015	2015	32.7	-5.7	-0	1	3845.2	-580.6	190.7	1242.1	37.0
11TH	186.50	66.9	-11.0	2015	2015	33.2	-5.5	-0	2	3778.3	-569.7	183.2	1192.6	36.9
12TH	199.50	67.8	-10.5	2015	2015	33.7	-5.2	-0	2	3710.5	-559.2	175.9	1143.9	36.7
13TH	212.50	68.8	-9.9	2015	2015	34.1	-4.9	-0	3	3641.7	-549.3	168.7	1096.1	36.4
14TH	225.50	69.7	-9.4	2015	2015	34.6	-4.7	-0	3	3572.0	-539.9	161.6	1049.2	36.1
15TH	238.50	70.7	-8.9	2015	2015	35.1	-4.4	-0	4	3501.3	-531.0	154.6	1003.2	35.8
16TH	251.50	71.7	-8.3	2015	2015	35.6	-4.1	-1	4	3429.6	-522.7	147.8	958.2	35.4
17TH	264.50	72.6	-8.4	2015	2015	36.0	-4.2	-1	5	3357.1	-514.3	141.0	914.1	35.0
18TH	277.50	73.5	-8.7	2015	2015	36.5	-4.3	-1	5	3283.6	-505.6	134.4	870.9	34.5
19TH	290.50	74.4	-8.9	2015	2015	36.9	-4.4	-1	5	3209.2	-496.7	127.9	828.7	34.0
20TH	303.50	75.3	-9.2	2015	2015	37.4	-4.6	-1	5	3133.9	-487.5	121.5	787.5	33.5
21ST	316.50	76.2	-9.5	2015	2015	37.8	-4.7	-1	5	3057.7	-478.0	115.2	747.2	33.0
22ND	329.50	77.1	-9.7	2015	2015	38.3	-4.8	-1	6	2980.5	-468.3	109.1	708.0	32.5
		78.0	-10.0	2015	2015	38.7	-5.0	-1	6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									2902.5	-458.3	103.0	669.8	31.9
24TH	355.50	78.8	-10.3	2015	2015	39.1	-5.1	-1	6	2823.6	-447.9	97.1	632.5	31.3
25TH	368.50	79.3	-10.8	2015	2015	39.4	-5.4	-1	6	2744.3	-437.1	91.4	596.3	30.7
26TH	381.50	79.8	-11.3	2015	2015	39.6	-5.6	-1	6	2664.5	-425.7	85.8	561.2	30.1
27TH	394.50	80.3	-11.8	2015	2015	39.9	-5.9	-1	6	2584.2	-413.9	80.3	527.1	29.5
28TH	407.50	80.8	-12.3	2015	2015	40.1	-6.1	-1	6	2503.4	-401.6	75.0	494.0	28.8
29TH	420.50	81.3	-12.8	2015	2015	40.4	-6.4	-1	6	2422.1	-388.7	69.9	462.0	28.2
30TH	433.50	81.8	-13.3	2015	2015	40.6	-6.6	-1	6	2340.3	-375.4	64.9	431.0	27.5
31ST	446.50	82.3	-13.8	2015	2015	40.8	-6.9	-1	7	2258.0	-361.5	60.1	401.1	26.8
32ND	459.50	82.2	-13.9	2015	2015	40.8	-6.9	-1	7	2175.7	-347.7	55.5	372.3	26.1
33RD	472.50	82.2	-13.9	2015	2015	40.8	-6.9	-1	7	2093.6	-333.8	51.1	344.6	25.4
34TH	485.50	82.1	-13.9	2015	2015	40.8	-6.9	-1	7	2011.4	-319.9	46.8	317.9	24.6
35TH	498.50	82.1	-14.0	2015	2015	40.7	-6.9	-1	7	1929.4	-305.9	42.8	292.3	23.9
36TH	511.50	82.0	-14.0	2015	2015	40.7	-6.9	-1	7	1847.4	-291.9	38.9	267.7	23.1
37TH	524.50	81.9	-14.0	2015	2015	40.7	-7.0	-1	8	1765.5	-277.9	35.2	244.2	22.3
38TH	537.50	81.9	-14.0	2015	2015	40.6	-7.0	-1	8	1683.6	-263.9	31.7	221.8	21.5
39TH	550.50	82.2	-14.3	2015	2015	40.8	-7.1	-1	8	1601.4	-249.6	28.3	200.5	20.6
40TH	563.50	82.7	-14.8	2015	2015	41.0	-7.3	-1	8	1518.8	-234.8	25.2	180.2	19.8
41ST	576.50	83.2	-15.3	2015	2015	41.3	-7.6	-2	8	1435.5	-219.5	22.2	161.0	18.9
42ND	589.50	83.8	-15.7	2015	2015	41.6	-7.8	-2	8	1351.7	-203.8	19.5	142.9	18.0
43RD	602.50	84.3	-16.2	2015	2015	41.8	-8.0	-2	9	1267.4	-187.5	16.9	125.8	17.0
44TH	615.50	84.9	-16.7	2015	2015	42.1	-8.3	-2	9	1182.6	-170.9	14.6	109.9	16.1
45TH	628.50	85.4	-17.2	2015	2015	42.4	-8.5	-2	9	1097.2	-153.7	12.5	95.1	15.1
46TH	641.50	85.9	-17.4	2015	2015	42.6	-8.6	-2	9	1011.3	-136.3	10.6	81.4	14.1
47TH	654.50	86.0	-16.3	2015	2015	42.7	-8.1	-2	10	925.3	-120.0	8.9	68.8	13.0
		86.1	-15.2	2015	2015	42.7	-7.5	-2	10					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									839.2	-104.8	7.5	57.3	11.9
49TH	680.50	86.2	-14.0	2015	2015	42.8	-7.0	-2	11	753.0	-90.8	6.2	47.0	10.7
50TH	693.50	86.4	-12.9	2015	2015	42.9	-6.4	-2	11	666.6	-77.9	5.1	37.8	9.4
51ST	706.50	86.5	-11.8	2015	2015	42.9	-5.8	-2	12	580.1	-66.2	4.2	29.7	8.1
52ND	719.50	86.6	-10.6	2015	2015	43.0	-5.3	-2	13	493.6	-55.5	3.4	22.7	6.7
53RD	732.50	86.7	-9.5	2015	2015	43.0	-4.7	-1	13	406.9	-46.1	2.7	16.8	5.3
54TH	745.50	83.0	-8.1	2015	2015	41.2	-4.0	-1	14	323.8	-38.0	2.2	12.1	3.9
55TH	768.50	133.3	-10.6	3565	3565	37.4	-3.0	-1	14	190.5	-27.3	1.4	6.2	1.5
CTWR	788.50	98.5	-2.4	3091	3091	31.9	-.8	-0	12	92.0	-24.9	.9	3.3	.0
TOP	861.00	92.0	-24.9	4980	4980	18.5	-5.0	-0	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									4983.4	-469.5	25.0	2140.5	-11.3
TERR	16.50	108.2	-68.3	4114	4114	26.3	-16.6	-2	3	4875.2	-392.2	18.0	2059.1	-11.8
MEZZ	29.50	58.0	-39.7	2502	2502	23.2	-15.9	-6	8	4817.2	-352.5	13.1	1996.1	-12.7
1ST	56.50	126.4	-69.9	4185	4185	30.2	-16.7	-0	0	4690.8	-282.5	4.6	1867.8	-12.7
2ND	69.50	61.0	-34.2	2015	2015	30.3	-17.0	0	-0	4629.7	-248.4	1.1	1807.2	-12.7
3RD	82.50	61.9	-32.3	2015	2015	30.7	-16.1	1	-1	4567.8	-216.0	-1.9	1747.4	-12.6
4TH	95.50	62.8	-30.5	2015	2015	31.2	-15.2	1	-2	4505.0	-185.5	-4.5	1688.4	-12.4
5TH	108.50	63.7	-28.7	2015	2015	31.6	-14.3	1	-3	4441.2	-156.8	-6.7	1630.3	-12.1
6TH	121.50	64.6	-26.9	2015	2015	32.1	-13.4	2	-4	4376.6	-129.9	-8.6	1573.0	-11.8
7TH	134.50	65.6	-25.1	2015	2015	32.5	-12.5	2	-5	4311.0	-104.8	-10.1	1516.5	-11.4
8TH	147.50	66.5	-23.3	2015	2015	33.0	-11.6	2	-6	4244.6	-81.5	-11.3	1460.9	-10.8
9TH	160.50	67.4	-21.5	2015	2015	33.4	-10.7	2	-6	4177.2	-60.0	-12.3	1406.2	-10.3
10TH	173.50	68.4	-19.7	2015	2015	33.9	-9.8	2	-6	4108.8	-40.3	-12.9	1352.3	-9.7
11TH	186.50	69.4	-17.9	2015	2015	34.4	-8.9	2	-6	4039.4	-22.4	-13.3	1299.3	-9.1
12TH	199.50	70.4	-16.2	2015	2015	34.9	-8.0	1	-6	3969.0	-6.2	-13.5	1247.3	-8.5
13TH	212.50	71.4	-14.4	2015	2015	35.4	-7.1	1	-6	3897.6	8.2	-13.5	1196.2	-7.9
14TH	225.50	72.4	-12.6	2015	2015	35.9	-6.3	1	-6	3825.2	20.8	-13.3	1146.0	-7.3
15TH	238.50	73.4	-10.8	2015	2015	36.4	-5.4	1	-6	3751.8	31.6	-13.0	1096.7	-6.7
16TH	251.50	74.4	-9.1	2015	2015	36.9	-4.5	1	-6	3677.4	40.7	-12.5	1048.4	-6.1
17TH	264.50	75.1	-7.6	2015	2015	37.3	-3.8	1	-6	3602.3	48.2	-11.9	1001.1	-5.6
18TH	277.50	75.7	-6.2	2015	2015	37.6	-3.1	0	-6	3526.6	54.4	-11.2	954.8	-5.0
19TH	290.50	76.3	-4.7	2015	2015	37.9	-2.4	0	-6	3450.3	59.1	-10.5	909.4	-4.5
20TH	303.50	76.9	-3.3	2015	2015	38.2	-1.7	0	-5	3373.4	62.5	-9.7	865.1	-4.0
21ST	316.50	77.5	-1.9	2015	2015	38.5	-1.0	0	-5	3295.8	64.4	-8.9	821.7	-3.4
22ND	329.50	78.2	-.5	2015	2015	38.8	-.2	0	-5	3217.6	64.9	-8.1	779.4	-3.0
		78.8	.9	2015	2015	39.1	.5	-0	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									3138.9	64.0	-7.2	738.0	-2.5
24TH	355.50	79.5	2.0	2015	2015	39.4	1.0	-0	-5	3059.4	62.0	-6.4	697.8	-2.0
25TH	368.50	80.4	2.2	2015	2015	39.9	1.1	-0	-4	2979.0	59.8	-5.6	658.5	-1.6
26TH	381.50	81.3	2.5	2015	2015	40.4	1.3	-0	-4	2897.7	57.2	-4.8	620.3	-1.2
27TH	394.50	82.2	2.8	2015	2015	40.8	1.4	-0	-3	2815.4	54.4	-4.1	583.2	-.9
28TH	407.50	83.1	3.1	2015	2015	41.3	1.5	-0	-3	2732.3	51.3	-3.4	547.1	-.6
29TH	420.50	84.1	3.4	2015	2015	41.7	1.7	-0	-3	2648.2	47.9	-2.8	512.1	-.3
30TH	433.50	85.0	3.7	2015	2015	42.2	1.8	-0	-2	2563.3	44.2	-2.2	478.3	-.1
31ST	446.50	85.9	4.0	2015	2015	42.6	2.0	-0	-2	2477.4	40.2	-1.6	445.5	.2
32ND	459.50	86.2	3.8	2015	2015	42.8	1.9	-0	-2	2391.2	36.3	-1.1	413.9	.3
33RD	472.50	86.6	3.7	2015	2015	43.0	1.8	-0	-1	2304.6	32.6	-.7	383.3	.5
34TH	485.50	86.9	3.5	2015	2015	43.1	1.8	-0	-1	2217.6	29.1	-.3	353.9	.6
35TH	498.50	87.3	3.4	2015	2015	43.3	1.7	-0	-1	2130.3	25.7	.1	325.7	.7
36TH	511.50	87.6	3.2	2015	2015	43.5	1.6	-0	-1	2042.7	22.5	.4	298.6	.8
37TH	524.50	88.0	3.1	2015	2015	43.7	1.5	-0	-1	1954.7	19.4	.6	272.6	.9
38TH	537.50	88.3	2.9	2015	2015	43.8	1.5	-0	-0	1866.4	16.4	.9	247.7	.9
39TH	550.50	88.9	2.8	2015	2015	44.1	1.4	-0	-0	1777.4	13.7	1.1	224.0	1.0
40TH	563.50	89.7	2.6	2015	2015	44.5	1.3	-0	-0	1687.7	11.1	1.2	201.5	1.0
41ST	576.50	90.5	2.4	2015	2015	44.9	1.2	-0	-0	1597.2	8.7	1.4	180.2	1.0
42ND	589.50	91.3	2.2	2015	2015	45.3	1.1	-0	-0	1505.8	6.4	1.5	160.0	1.1
43RD	602.50	92.1	2.0	2015	2015	45.7	1.0	-0	-0	1413.7	4.4	1.5	141.0	1.1
44TH	615.50	92.9	1.9	2015	2015	46.1	.9	-0	-0	1320.7	2.6	1.6	123.3	1.1
45TH	628.50	93.7	1.7	2015	2015	46.5	.8	-0	-0	1227.0	.9	1.6	106.7	1.1
46TH	641.50	94.5	1.5	2015	2015	46.9	.7	-0	-0	1132.5	-.6	1.6	91.4	1.1
47TH	654.50	95.1	1.5	2015	2015	47.2	.7	0	0	1037.4	-2.1	1.6	77.3	1.1
		95.7	1.4	2015	2015	47.5	.7	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									941.7	-3.5	1.5	64.4	1.1
		96.2	1.4	2015	2015	47.8	.7	0	1					
49TH	680.50									845.5	-4.8	1.5	52.8	1.0
		96.8	1.3	2015	2015	48.0	.6	0	1					
50TH	693.50									748.7	-6.1	1.4	42.4	.9
		97.4	1.3	2015	2015	48.3	.6	0	1					
51ST	706.50									651.3	-7.4	1.3	33.3	.8
		98.0	1.2	2015	2015	48.6	.6	0	1					
52ND	719.50									553.3	-8.6	1.2	25.5	.7
		98.5	1.2	2015	2015	48.9	.6	0	1					
53RD	732.50									454.8	-9.8	1.1	18.9	.5
		93.9	1.0	2015	2015	46.6	.5	0	2					
54TH	745.50									360.9	-10.8	1.0	13.6	.3
		148.2	1.5	3565	3565	41.6	.4	0	2					
55TH	768.50									212.7	-12.3	.7	7.0	-.0
		106.6	.5	3091	3091	34.5	.2	0	2					
CTWR	788.50									106.1	-12.8	.5	3.8	-.3
		106.1	-12.8	4980	4980	21.3	-2.6	0	-2					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									5158.8	-243.5	-175.8	2191.8	-49.4
TERR	16.50	115.3	-80.5	4114	4114	28.0	-19.6	-1	1	5043.5	-163.0	-179.2	2107.6	-49.6
MEZZ	29.50	70.3	-43.1	2502	2502	28.1	-17.2	-1	2	4973.2	-119.9	-181.0	2042.5	-49.9
1ST	56.50	142.0	-80.0	4185	4185	33.9	-19.1	1	-1	4831.2	-39.8	-183.2	1910.2	-49.6
2ND	69.50	67.8	-38.1	2015	2015	33.7	-18.9	1	-1	4763.3	-1.7	-183.5	1847.8	-49.5
3RD	82.50	68.3	-36.8	2015	2015	33.9	-18.3	1	-2	4695.0	35.1	-183.2	1786.3	-49.2
4TH	95.50	68.8	-35.5	2015	2015	34.1	-17.6	1	-3	4626.2	70.6	-182.6	1725.7	-49.0
5TH	108.50	69.3	-34.2	2015	2015	34.4	-16.9	2	-3	4556.9	104.7	-181.4	1666.1	-48.6
6TH	121.50	69.8	-32.8	2015	2015	34.6	-16.3	2	-4	4487.1	137.6	-179.8	1607.3	-48.2
7TH	134.50	70.2	-31.5	2015	2015	34.9	-15.6	2	-5	4416.9	169.1	-177.8	1549.4	-47.7
8TH	147.50	70.7	-30.2	2015	2015	35.1	-15.0	2	-5	4346.2	199.2	-175.5	1492.4	-47.2
9TH	160.50	71.3	-28.8	2015	2015	35.4	-14.3	2	-6	4274.9	228.0	-172.7	1436.4	-46.6
10TH	173.50	72.4	-26.8	2015	2015	35.9	-13.3	2	-6	4202.5	254.8	-169.5	1381.3	-46.0
11TH	186.50	73.5	-24.9	2015	2015	36.5	-12.4	2	-6	4129.0	279.7	-166.1	1327.1	-45.3
12TH	199.50	74.6	-23.0	2015	2015	37.0	-11.4	2	-7	4054.4	302.7	-162.3	1274.0	-44.6
13TH	212.50	75.7	-21.0	2015	2015	37.6	-10.4	2	-7	3978.6	323.7	-158.2	1221.7	-43.9
14TH	225.50	76.8	-19.1	2015	2015	38.1	-9.5	2	-7	3901.8	342.8	-153.9	1170.5	-43.1
15TH	238.50	77.9	-17.2	2015	2015	38.7	-8.5	2	-8	3823.9	360.0	-149.3	1120.3	-42.3
16TH	251.50	79.0	-15.2	2015	2015	39.2	-7.6	2	-8	3744.9	375.2	-144.5	1071.1	-41.5
17TH	264.50	79.4	-13.1	2015	2015	39.4	-6.5	1	-9	3665.5	388.3	-139.6	1022.9	-40.6
18TH	277.50	79.5	-11.0	2015	2015	39.4	-5.5	1	-9	3586.0	399.3	-134.4	975.8	-39.7
19TH	290.50	79.6	-8.9	2015	2015	39.5	-4.4	1	-10	3506.4	408.2	-129.2	929.7	-38.8
20TH	303.50	79.7	-6.8	2015	2015	39.6	-3.4	1	-10	3426.7	415.0	-123.8	884.6	-37.8
21ST	316.50	79.9	-4.6	2015	2015	39.6	-2.3	1	-10	3346.8	419.6	-118.4	840.6	-36.7
22ND	329.50	80.0	-2.5	2015	2015	39.7	-1.2	0	-11	3266.8	422.2	-112.9	797.6	-35.6
		80.1	-.4	2015	2015	39.8	-.2	0	-11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									3186.7	422.5	-107.5	755.7	-34.5
		80.4	1.5	2015	2015	39.9	.8	-0	-12					
24TH	355.50									3106.3	421.0	-102.0	714.8	-33.3
		81.0	3.0	2015	2015	40.2	1.5	-0	-12					
25TH	368.50									3025.4	418.1	-96.5	674.9	-32.1
		81.6	4.4	2015	2015	40.5	2.2	-1	-12					
26TH	381.50									2943.8	413.6	-91.1	636.1	-31.0
		82.2	5.9	2015	2015	40.8	2.9	-1	-11					
27TH	394.50									2861.6	407.7	-85.8	598.4	-29.8
		82.8	7.3	2015	2015	41.1	3.6	-1	-11					
28TH	407.50									2778.8	400.4	-80.5	561.7	-28.6
		83.4	8.8	2015	2015	41.4	4.4	-1	-11					
29TH	420.50									2695.4	391.6	-75.4	526.1	-27.4
		84.0	10.3	2015	2015	41.7	5.1	-1	-11					
30TH	433.50									2611.4	381.3	-70.4	491.6	-26.2
		84.6	11.7	2015	2015	42.0	5.8	-2	-11					
31ST	446.50									2526.9	369.6	-65.5	458.2	-25.0
		85.1	12.2	2015	2015	42.2	6.0	-2	-11					
32ND	459.50									2441.8	357.4	-60.7	425.9	-23.8
		85.6	12.6	2015	2015	42.5	6.3	-2	-10					
33RD	472.50									2356.2	344.8	-56.2	394.7	-22.7
		86.1	13.1	2015	2015	42.7	6.5	-2	-10					
34TH	485.50									2270.1	331.7	-51.8	364.7	-21.6
		86.6	13.6	2015	2015	43.0	6.7	-2	-10					
35TH	498.50									2183.6	318.1	-47.6	335.7	-20.6
		87.1	14.0	2015	2015	43.2	7.0	-1	-9					
36TH	511.50									2096.5	304.1	-43.5	307.9	-19.5
		87.6	14.5	2015	2015	43.5	7.2	-1	-9					
37TH	524.50									2009.0	289.6	-39.7	281.2	-18.5
		88.0	15.0	2015	2015	43.7	7.4	-1	-8					
38TH	537.50									1920.9	274.6	-36.0	255.7	-17.6
		89.0	15.1	2015	2015	44.2	7.5	-1	-8					
39TH	550.50									1831.9	259.5	-32.5	231.3	-16.7
		90.4	14.9	2015	2015	44.9	7.4	-1	-8					
40TH	563.50									1741.4	244.6	-29.2	208.1	-15.8
		91.8	14.8	2015	2015	45.6	7.3	-1	-7					
41ST	576.50									1649.6	229.8	-26.2	186.0	-14.9
		93.2	14.7	2015	2015	46.2	7.3	-1	-7					
42ND	589.50									1556.4	215.1	-23.3	165.2	-14.0
		94.6	14.5	2015	2015	46.9	7.2	-1	-7					
43RD	602.50									1461.9	200.6	-20.6	145.6	-13.2
		96.0	14.4	2015	2015	47.6	7.1	-1	-7					
44TH	615.50									1365.9	186.2	-18.0	127.2	-12.4
		97.3	14.2	2015	2015	48.3	7.1	-1	-6					
45TH	628.50									1268.6	172.0	-15.7	110.1	-11.6
		98.6	14.1	2015	2015	48.9	7.0	-1	-6					
46TH	641.50									1170.0	157.9	-13.6	94.2	-10.9
		99.0	13.9	2015	2015	49.1	6.9	-1	-6					
47TH	654.50									1071.0	144.0	-11.6	79.6	-10.1
		99.4	13.7	2015	2015	49.3	6.8	-1	-6					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									971.6	130.3	-9.8	66.4	-9.3
		99.7	13.5	2015	2015	49.5	6.7	-1	-7					
49TH	680.50									871.9	116.9	-8.2	54.4	-8.4
		100.1	13.2	2015	2015	49.7	6.6	-1	-7					
50TH	693.50									771.8	103.6	-6.8	43.7	-7.6
		100.5	13.0	2015	2015	49.9	6.5	-1	-7					
51ST	706.50									671.3	90.6	-5.5	34.3	-6.7
		100.9	12.8	2015	2015	50.1	6.4	-1	-7					
52ND	719.50									570.4	77.8	-4.4	26.2	-5.8
		101.3	12.6	2015	2015	50.3	6.3	-1	-7					
53RD	732.50									469.1	65.2	-3.5	19.5	-4.9
		96.6	12.1	2015	2015	47.9	6.0	-1	-8					
54TH	745.50									372.5	53.1	-2.7	14.0	-3.9
		153.4	19.6	3565	3565	43.0	5.5	-1	-8					
55TH	768.50									219.1	33.5	-1.7	7.2	-2.3
		110.6	3.1	3091	3091	35.8	1.0	-0	-9					
CTWR	788.50									108.5	30.4	-1.1	3.9	-1.0
		108.5	30.4	4980	4980	21.8	6.1	-2	-7					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									5222.9	-1416.5	364.0	2198.0	-48.4
TERR	16.50	128.9	-97.8	4114	4114	31.3	-23.8	-1	1	5093.9	-1318.7	341.4	2112.8	-48.7
MEZZ	29.50	75.9	-53.5	2502	2502	30.3	-21.4	-1	1	5018.0	-1265.3	324.7	2047.1	-48.9
1ST	56.50	145.2	-99.0	4185	4185	34.7	-23.7	0	-1	4872.8	-1166.3	291.8	1913.6	-48.8
2ND	69.50	70.0	-46.1	2015	2015	34.7	-22.9	1	-1	4802.9	-1120.2	277.0	1850.7	-48.7
3RD	82.50	70.6	-45.3	2015	2015	35.0	-22.5	1	-1	4732.3	-1074.8	262.7	1788.7	-48.5
4TH	95.50	71.2	-44.5	2015	2015	35.3	-22.1	1	-2	4661.1	-1030.4	249.0	1727.7	-48.3
5TH	108.50	71.8	-43.6	2015	2015	35.7	-21.7	1	-2	4589.2	-986.7	235.9	1667.5	-48.1
6TH	121.50	72.5	-42.8	2015	2015	36.0	-21.3	1	-2	4516.8	-943.9	223.4	1608.4	-47.8
7TH	134.50	73.1	-42.0	2015	2015	36.3	-20.8	1	-2	4443.7	-901.9	211.4	1550.1	-47.5
8TH	147.50	73.7	-41.2	2015	2015	36.6	-20.4	2	-3	4370.0	-860.8	199.9	1492.8	-47.2
9TH	160.50	74.3	-40.3	2015	2015	36.9	-20.0	2	-3	4295.7	-820.5	189.0	1436.5	-46.8
10TH	173.50	74.8	-39.1	2015	2015	37.1	-19.4	2	-3	4220.9	-781.4	178.6	1381.1	-46.4
11TH	186.50	75.2	-37.9	2015	2015	37.3	-18.8	2	-3	4145.7	-743.5	168.6	1326.8	-46.1
12TH	199.50	75.7	-36.7	2015	2015	37.6	-18.2	2	-4	4070.0	-706.9	159.2	1273.4	-45.6
13TH	212.50	76.2	-35.5	2015	2015	37.8	-17.6	2	-4	3993.8	-671.4	150.3	1220.9	-45.2
14TH	225.50	76.6	-34.3	2015	2015	38.0	-17.0	2	-4	3917.2	-637.1	141.8	1169.5	-44.8
15TH	238.50	77.1	-33.0	2015	2015	38.3	-16.4	2	-4	3840.1	-604.1	133.7	1119.1	-44.3
16TH	251.50	77.6	-31.8	2015	2015	38.5	-15.8	2	-4	3762.5	-572.3	126.0	1069.7	-43.9
17TH	264.50	78.2	-30.2	2015	2015	38.8	-15.0	2	-5	3684.3	-542.0	118.8	1021.3	-43.3
18TH	277.50	79.0	-28.5	2015	2015	39.2	-14.1	2	-5	3605.3	-513.5	111.9	973.9	-42.8
19TH	290.50	79.7	-26.8	2015	2015	39.6	-13.3	2	-6	3525.6	-486.8	105.4	927.5	-42.1
20TH	303.50	80.5	-25.0	2015	2015	39.9	-12.4	2	-6	3445.1	-461.7	99.3	882.2	-41.4
21ST	316.50	81.2	-23.3	2015	2015	40.3	-11.6	2	-7	3363.9	-438.4	93.4	838.0	-40.7
22ND	329.50	82.0	-21.6	2015	2015	40.7	-10.7	2	-7	3281.9	-416.8	87.9	794.8	-39.9
		82.7	-19.9	2015	2015	41.0	-9.9	2	-8					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									3199.2	-396.9	82.6	752.6	-39.0
24TH	355.50	83.3	-18.5	2015	2015	41.3	-9.2	2	-8	3115.9	-378.4	77.5	711.6	-38.1
25TH	368.50	83.5	-18.0	2015	2015	41.5	-8.9	2	-9	3032.4	-360.4	72.7	671.6	-37.1
26TH	381.50	83.8	-17.4	2015	2015	41.6	-8.6	2	-9	2948.6	-343.0	68.2	632.8	-36.2
27TH	394.50	84.0	-16.9	2015	2015	41.7	-8.4	2	-9	2864.6	-326.2	63.8	595.0	-35.2
28TH	407.50	84.3	-16.3	2015	2015	41.8	-8.1	2	-9	2780.3	-309.9	59.7	558.3	-34.2
29TH	420.50	84.6	-15.7	2015	2015	42.0	-7.8	2	-10	2695.7	-294.1	55.7	522.7	-33.1
30TH	433.50	84.8	-15.2	2015	2015	42.1	-7.5	2	-10	2610.9	-278.9	52.0	488.2	-32.0
31ST	446.50	85.1	-14.6	2015	2015	42.2	-7.3	2	-10	2525.8	-264.3	48.5	454.8	-30.9
32ND	459.50	85.7	-13.6	2015	2015	42.5	-6.7	2	-10	2440.1	-250.7	45.1	422.5	-29.8
33RD	472.50	86.4	-12.6	2015	2015	42.9	-6.2	1	-10	2353.7	-238.1	42.0	391.4	-28.7
34TH	485.50	87.1	-11.6	2015	2015	43.2	-5.7	1	-10	2266.6	-226.6	38.9	361.3	-27.5
35TH	498.50	87.7	-10.5	2015	2015	43.5	-5.2	1	-10	2178.9	-216.0	36.1	332.4	-26.4
36TH	511.50	88.4	-9.5	2015	2015	43.9	-4.7	1	-10	2090.5	-206.5	33.3	304.7	-25.2
37TH	524.50	89.1	-8.5	2015	2015	44.2	-4.2	1	-10	2001.4	-198.0	30.7	278.1	-24.0
38TH	537.50	89.7	-7.5	2015	2015	44.5	-3.7	1	-11	1911.7	-190.5	28.2	252.7	-22.8
39TH	550.50	90.7	-7.1	2015	2015	45.0	-3.5	1	-10	1821.0	-183.4	25.7	228.4	-21.6
40TH	563.50	91.8	-7.3	2015	2015	45.6	-3.6	1	-10	1729.2	-176.1	23.4	205.3	-20.4
41ST	576.50	92.9	-7.5	2015	2015	46.1	-3.7	1	-10	1636.2	-168.6	21.2	183.4	-19.3
42ND	589.50	94.1	-7.6	2015	2015	46.7	-3.8	1	-10	1542.1	-160.9	19.0	162.8	-18.1
43RD	602.50	95.2	-7.8	2015	2015	47.3	-3.9	1	-10	1446.9	-153.1	17.0	143.4	-16.9
44TH	615.50	96.3	-8.0	2015	2015	47.8	-4.0	1	-10	1350.6	-145.1	15.0	125.2	-15.7
45TH	628.50	97.5	-8.2	2015	2015	48.4	-4.0	1	-10	1253.1	-137.0	13.2	108.2	-14.5
46TH	641.50	98.5	-8.3	2015	2015	48.9	-4.1	1	-10	1154.6	-128.7	11.5	92.6	-13.3
47TH	654.50	98.6	-8.5	2015	2015	49.0	-4.2	1	-10	1056.0	-120.2	9.9	78.2	-12.1
		98.8	-8.6	2015	2015	49.0	-4.3	1	-9					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									957.2	-111.6	8.4	65.1	-10.9
		98.9	-8.8	2015	2015	49.1	-4.4	1	-9					
49TH	680.50									858.2	-102.8	7.0	53.3	-9.8
		99.1	-8.9	2015	2015	49.2	-4.4	1	-9					
50TH	693.50									759.1	-93.9	5.7	42.8	-8.6
		99.3	-9.1	2015	2015	49.3	-4.5	1	-9					
51ST	706.50									659.9	-84.8	4.5	33.6	-7.5
		99.4	-9.2	2015	2015	49.3	-4.6	1	-9					
52ND	719.50									560.5	-75.5	3.5	25.7	-6.4
		99.6	-9.4	2015	2015	49.4	-4.7	1	-9					
53RD	732.50									460.9	-66.2	2.6	19.0	-5.2
		95.1	-10.4	2015	2015	47.2	-5.2	1	-9					
54TH	745.50									365.8	-55.7	1.8	13.7	-4.2
		151.5	-22.2	3565	3565	42.5	-6.2	1	-9					
55TH	768.50									214.3	-33.5	.7	7.0	-2.4
		109.5	-24.8	3091	3091	35.4	-8.0	2	-9					
CTWR	788.50									104.8	-8.7	.3	3.8	-1.2
		104.8	-8.7	4980	4980	21.0	-1.8	1	-9					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									5103.1	-2748.4	997.8	2114.4	-25.2
TERR	16.50	128.2	-107.0	4114	4114	31.2	-26.0	-1	1	4974.9	-2641.4	953.3	2031.2	-25.4
MEZZ	29.50	77.0	-60.7	2502	2502	30.8	-24.2	-1	1	4897.9	-2580.7	919.4	1967.1	-25.6
1ST	56.50	144.2	-115.2	4185	4185	34.4	-27.5	-0	0	4753.7	-2465.5	851.3	1836.8	-25.6
2ND	69.50	69.7	-55.6	2015	2015	34.6	-27.6	-0	0	4684.1	-2409.9	819.6	1775.4	-25.7
3RD	82.50	70.5	-55.4	2015	2015	35.0	-27.5	-0	0	4613.6	-2354.5	788.6	1715.0	-25.7
4TH	95.50	71.3	-55.1	2015	2015	35.4	-27.4	0	-0	4542.3	-2299.4	758.3	1655.5	-25.7
5TH	108.50	72.1	-54.9	2015	2015	35.8	-27.3	0	-0	4470.2	-2244.5	728.8	1596.9	-25.6
6TH	121.50	72.9	-54.7	2015	2015	36.2	-27.1	0	-1	4397.3	-2189.8	700.0	1539.2	-25.6
7TH	134.50	73.7	-54.5	2015	2015	36.6	-27.0	1	-1	4323.6	-2135.3	671.9	1482.6	-25.4
8TH	147.50	74.5	-54.2	2015	2015	37.0	-26.9	1	-1	4249.1	-2081.1	644.5	1426.8	-25.3
9TH	160.50	75.3	-53.9	2015	2015	37.4	-26.7	1	-1	4173.8	-2027.2	617.8	1372.1	-25.1
10TH	173.50	75.8	-52.8	2015	2015	37.6	-26.2	1	-1	4098.0	-1974.4	591.8	1318.3	-24.9
11TH	186.50	76.3	-51.7	2015	2015	37.9	-25.7	1	-1	4021.7	-1922.7	566.4	1265.5	-24.8
12TH	199.50	76.9	-50.6	2015	2015	38.2	-25.1	1	-1	3944.8	-1872.0	541.8	1213.8	-24.6
13TH	212.50	77.4	-49.5	2015	2015	38.4	-24.6	1	-1	3867.4	-1822.5	517.7	1163.0	-24.4
14TH	225.50	78.0	-48.4	2015	2015	38.7	-24.0	1	-1	3789.4	-1774.1	494.4	1113.2	-24.3
15TH	238.50	78.5	-47.3	2015	2015	39.0	-23.5	1	-1	3710.9	-1726.8	471.6	1064.5	-24.1
16TH	251.50	79.0	-46.2	2015	2015	39.2	-22.9	1	-1	3631.8	-1680.6	449.5	1016.7	-23.9
17TH	264.50	79.6	-45.6	2015	2015	39.5	-22.6	1	-1	3552.3	-1635.0	427.9	970.0	-23.8
18TH	277.50	80.1	-45.1	2015	2015	39.8	-22.4	1	-2	3472.1	-1589.8	407.0	924.4	-23.6
19TH	290.50	80.7	-44.6	2015	2015	40.0	-22.1	1	-2	3391.4	-1545.2	386.6	879.8	-23.3
20TH	303.50	81.2	-44.1	2015	2015	40.3	-21.9	1	-2	3310.2	-1501.1	366.8	836.2	-23.0
21ST	316.50	81.8	-43.6	2015	2015	40.6	-21.6	1	-2	3228.4	-1457.5	347.5	793.7	-22.7
22ND	329.50	82.3	-43.1	2015	2015	40.9	-21.4	1	-3	3146.1	-1414.4	328.9	752.3	-22.4
		82.9	-42.6	2015	2015	41.1	-21.2	1	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									3063.2	-1371.7	310.8	711.9	-22.0
24TH	355.50	83.3	-42.2	2015	2015	41.3	-20.9	2	-3	2979.9	-1329.5	293.2	672.6	-21.6
25TH	368.50	83.5	-41.9	2015	2015	41.5	-20.8	2	-3	2896.3	-1287.6	276.2	634.4	-21.2
26TH	381.50	83.7	-41.7	2015	2015	41.6	-20.7	2	-3	2812.6	-1245.9	259.7	597.3	-20.8
27TH	394.50	83.9	-41.4	2015	2015	41.7	-20.6	2	-3	2728.7	-1204.5	243.8	561.3	-20.3
28TH	407.50	84.1	-41.2	2015	2015	41.8	-20.4	2	-4	2644.5	-1163.3	228.4	526.4	-19.8
29TH	420.50	84.3	-40.9	2015	2015	41.9	-20.3	2	-4	2560.2	-1122.5	213.6	492.6	-19.4
30TH	433.50	84.6	-40.6	2015	2015	42.0	-20.2	2	-4	2475.6	-1081.8	199.2	459.8	-18.8
31ST	446.50	84.8	-40.4	2015	2015	42.1	-20.0	2	-4	2390.9	-1041.5	185.4	428.2	-18.3
32ND	459.50	85.0	-40.0	2015	2015	42.2	-19.8	2	-4	2305.9	-1001.5	172.1	397.7	-17.8
33RD	472.50	85.1	-39.6	2015	2015	42.3	-19.7	2	-4	2220.8	-961.9	159.4	368.2	-17.2
34TH	485.50	85.3	-39.3	2015	2015	42.4	-19.5	2	-5	2135.4	-922.6	147.1	339.9	-16.6
35TH	498.50	85.5	-38.9	2015	2015	42.4	-19.3	2	-5	2049.9	-883.7	135.4	312.7	-16.0
36TH	511.50	85.7	-38.5	2015	2015	42.5	-19.1	2	-5	1964.2	-845.2	124.2	286.6	-15.3
37TH	524.50	85.9	-38.2	2015	2015	42.6	-18.9	2	-5	1878.2	-807.0	113.4	261.6	-14.7
38TH	537.50	86.1	-37.8	2015	2015	42.7	-18.8	2	-5	1792.1	-769.2	103.2	237.8	-14.0
39TH	550 50	86.6	-37.7	2015	2015	43.0	-18.7	2	-5	1705.6	-731.5	93.4	215.1	-13.3
40TH	563.50	87.2	-37.7	2015	2015	43.3	-18.7	2	-5	1618.4	-693.8	84.2	193.4	-12.7
41ST	576.50	87.8	-37.8	2015	2015	43.6	-18.8	2	-5	1530.6	-656.0	75.4	173.0	-12.0
42ND	589.50	88.4	-37.9	2015	2015	43.9	-18.8	2	-5	1442.1	-618.1	67.1	153.7	-11.2
43RD	602.50	89.1	-37.9	2015	2015	44.2	-18.8	2	-5	1353.1	-580.2	59.3	135.5	-10.5
44TH	615.50	89.7	-38.0	2015	2015	44.5	-18.8	2	-6	1263.3	-542.2	52.0	118.5	-9.8
45TH	628.50	90.3	-38.0	2015	2015	44.8	-18.9	2	-6	1173.0	-504.2	45.2	102.6	-9.1
46TH	641.50	90.9	-38.1	2015	2015	45.1	-18.9	2	-6	1082.1	-466.1	38.9	88.0	-8.3
47TH	654.50	91.0	-38.2	2015	2015	45.2	-18.9	2	-5	991.1	-427.9	33.1	74.5	-7.6
		91.1	-38.2	2015	2015	45.2	-19.0	2	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
										900.0	-389.7	27.8	62.2	-6.9
48TH	667.50	91.2	-38.3	2015	2015	45.3	-19.0	2	-5					
										808.8	-351.5	23.0	51.1	-6.2
49TH	680.50	91.3	-38.3	2015	2015	45.3	-19.0	2	-5					
										717.5	-313.2	18.6	41.2	-5.5
50TH	693.50	91.4	-38.4	2015	2015	45.4	-19.0	2	-5					
										626.1	-274.8	14.8	32.5	-4.8
51ST	706.50	91.5	-38.4	2015	2015	45.4	-19.1	2	-5					
										534.6	-236.4	11.5	24.9	-4.1
52ND	719.50	91.6	-38.5	2015	2015	45.5	-19.1	2	-5					
										443.0	-197.9	8.7	18.6	-3.4
53RD	732.50	88.3	-37.3	2015	2015	43.8	-18.5	2	-5					
										354.7	-160.6	6.3	13.4	-2.7
54TH	745.50	143.9	-61.4	3565	3565	40.4	-17.2	2	-5					
										210.8	-99.2	3.4	6.9	-1.6
55TH	768.50	107.6	-48.1	3091	3091	34.8	-15.6	2	-5					
										103.1	-51.1	1.9	3.7	-.8
CTWR	788.50	103.1	-51.1	4980	4980	20.7	-10.3	2	-5					
										0.0	0.0	0.0	0.0	0.0
TOP	861.00													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									4571.4	-3410.5	1321.3	1894.9	-9.4
TERR	16.50	112.6	-110.9	4114	4114	27.4	-26.9	-1	1	4458.8	-3299.7	1265.9	1820.4	-9.8
MEZZ	29.50	68.8	-63.1	2502	2502	27.5	-25.2	-2	2	4390.0	-3236.6	1223.4	1762.9	-10.0
1ST	56.50	124.8	-119.7	4185	4185	29.8	-28.6	-0	0	4265.2	-3116.9	1137.6	1646.1	-10.1
2ND	69.50	59.8	-57.3	2015	2015	29.7	-28.4	-0	0	4205.5	-3059.6	1097.5	1591.0	-10.1
3RD	82.50	60.9	-57.5	2015	2015	30.2	-28.5	-0	0	4144.6	-3002.1	1058.1	1536.7	-10.2
4TH	95.50	62.0	-57.6	2015	2015	30.8	-28.6	-0	0	4082.6	-2944.5	1019.4	1483.3	-10.2
5TH	108.50	63.1	-57.8	2015	2015	31.3	-28.7	-0	0	4019.6	-2886.8	981.5	1430.6	-10.2
6TH	121.50	64.2	-57.9	2015	2015	31.9	-28.7	-0	0	3955.4	-2828.9	944.4	1378.8	-10.2
7TH	134.50	65.3	-58.1	2015	2015	32.4	-28.8	-0	0	3890.1	-2770.8	908.0	1327.8	-10.2
8TH	147.50	66.4	-58.2	2015	2015	33.0	-28.9	0	-0	3823.7	-2712.6	872.3	1277.6	-10.2
9TH	160.50	67.5	-58.3	2015	2015	33.5	-28.9	0	-0	3756.2	-2654.3	837.5	1228.4	-10.2
10TH	173.50	68.4	-57.9	2015	2015	33.9	-28.7	0	-0	3687.9	-2596.4	803.3	1180.0	-10.2
11TH	186.50	69.2	-57.5	2015	2015	34.4	-28.6	-0	0	3618.6	-2538.9	769.9	1132.5	-10.2
12TH	199.50	70.1	-57.2	2015	2015	34.8	-28.4	-0	0	3548.5	-2481.7	737.3	1085.9	-10.2
13TH	212.50	71.0	-56.8	2015	2015	35.2	-28.2	-0	0	3477.5	-2424.9	705.4	1040.2	-10.2
14TH	225.50	71.9	-56.4	2015	2015	35.7	-28.0	-0	0	3405.7	-2368.5	674.3	995.5	-10.2
15TH	238.50	72.7	-56.0	2015	2015	36.1	-27.8	-0	0	3333.0	-2312.5	643.8	951.7	-10.3
16TH	251.50	73.6	-55.7	2015	2015	36.5	-27.6	-0	0	3259.4	-2256.8	614.1	908.8	-10.3
17TH	264.50	73.8	-55.5	2015	2015	36.6	-27.5	-0	0	3185.6	-2201.4	585.2	866.9	-10.3
18TH	277.50	73.8	-55.3	2015	2015	36.6	-27.4	-0	0	3111.8	-2146.1	556.9	826.0	-10.4
19TH	290.50	73.8	-55.2	2015	2015	36.6	-27.4	-0	0	3038.0	-2090.9	529.4	786.0	-10.4
20TH	303.50	73.8	-55.0	2015	2015	36.6	-27.3	0	-0	2964.2	-2035.9	502.5	747.0	-10.4
21ST	316.50	73.8	-54.9	2015	2015	36.6	-27.2	0	-0	2890.4	-1981.0	476.4	709.0	-10.3
22ND	329.50	73.8	-54.7	2015	2015	36.6	-27.2	0	-0	2816.6	-1926.3	451.0	671.9	-10.3
		73.8	-54.6	2015	2015	36.6	-27.1	0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									2742.8	-1871.7	426.3	635.7	-10.3
		74.0	-54.4	2015	2015	36.7	-27.0	0	-0					
24TH	355.50									2668.8	-1817.3	402.4	600.6	-10.2
		74.4	-54.3	2015	2015	36.9	-27.0	0	-1					
25TH	368.50									2594.4	-1763.0	379.1	566.3	-10.1
		74.9	-54.2	2015	2015	37.2	-26.9	1	-1					
26TH	381.50									2519.5	-1708.7	356.5	533.1	-10.0
		75.4	-54.1	2015	2015	37.4	-26.9	1	-1					
27TH	394.50									2444.1	-1654.6	334.7	500.8	-9.8
		75.8	-54.0	2015	2015	37.6	-26.8	1	-1					
28TH	407.50									2368.2	-1600.5	313.5	469.6	-9.7
		76.3	-53.9	2015	2015	37.9	-26.8	1	-2					
29TH	420.50									2291.9	-1546.6	293.0	439.3	-9.4
		76.8	-53.8	2015	2015	38.1	-26.7	1	-2					
30TH	433.50									2215.2	-1492.8	273.3	410.0	-9.2
		77.2	-53.7	2015	2015	38.3	-26.7	1	-2					
31ST	446.50									2137.9	-1439.0	254.2	381.7	-8.9
		77.4	-53.8	2015	2015	38.4	-26.7	1	-2					
32ND	459.50									2060.6	-1385.2	235.9	354.4	-8.6
		77.5	-53.8	2015	2015	38.5	-26.7	1	-2					
33RD	472.50									1983.1	-1331.5	218.2	328.1	-8.3
		77.6	-53.8	2015	2015	38.5	-26.7	1	-2					
34TH	485.50									1905.5	-1277.6	201.3	302.8	-8.1
		77.7	-53.9	2015	2015	38.6	-26.7	1	-2					
35TH	498.50									1827.8	-1223.8	185.0	278.6	-7.8
		77.8	-53.9	2015	2015	38.6	-26.7	1	-2					
36TH	511.50									1749.9	-1169.9	169.4	255.3	-7.5
		78.0	-53.9	2015	2015	38.7	-26.8	1	-2					
37TH	524.50									1672.0	-1116.0	154.6	233.1	-7.2
		78.1	-53.9	2015	2015	38.7	-26.8	1	-2					
38TH	537.50									1593.9	-1062.1	140.4	211.8	-6.9
		78.3	-53.9	2015	2015	38.9	-26.8	1	-2					
39TH	550.50									1515.6	-1008.1	127.0	191.6	-6.6
		78.6	-53.9	2015	2015	39.0	-26.7	1	-2					
40TH	563.50									1437.0	-954.3	114.2	172.4	-6.3
		78.9	-53.8	2015	2015	39.2	-26.7	2	-2					
41ST	576.50									1358.1	-900.5	102.2	154.3	-5.9
		79.2	-53.8	2015	2015	39.3	-26.7	2	-2					
42ND	589.50									1278.9	-846.7	90.8	137.1	-5.6
		79.5	-53.7	2015	2015	39.5	-26.7	2	-2					
43RD	602.50									1199.4	-793.0	80.1	121.0	-5.3
		79.8	-53.7	2015	2015	39.6	-26.6	2	-2					
44TH	615.50									1119.5	-739.3	70.2	105.9	-4.9
		80.1	-53.6	2015	2015	39.8	-26.6	2	-3					
45TH	628.50									1039.4	-685.7	60.9	91.9	-4.5
		80.4	-53.5	2015	2015	39.9	-26.6	2	-3					
46TH	641.50									959.0	-632.2	52.4	78.9	-4.2
		80.3	-53.3	2015	2015	39.9	-26.5	2	-3					
47TH	654.50									878.7	-578.8	44.5	67.0	-3.8
		80.3	-53.1	2015	2015	39.8	-26.3	2	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									798.4	-525.7	37.3	56.1	-3.4
		80.2	-52.9	2015	2015	39.8	-26.2	2	-2					
49TH	680.50									718.2	-472.9	30.8	46.2	-3.1
		80.2	-52.6	2015	2015	39.8	-26.1	2	-2					
50TH	693.50									638.0	-420.2	25.0	37.4	-2.8
		80.1	-52.4	2015	2015	39.8	-26.0	1	-2					
51ST	706.50									557.8	-367.8	19.9	29.6	-2.4
		80.1	-52.2	2015	2015	39.8	-25.9	1	-2					
52ND	719.50									477.7	-315.6	15.4	22.9	-2.1
		80.1	-52.0	2015	2015	39.7	-25.8	1	-2					
53RD	732.50									397.7	-263.6	11.7	17.2	-1.8
		77.1	-50.3	2015	2015	38.3	-25.0	1	-2					
54TH	745.50									320.6	-213.3	8.6	12.5	-1.5
		125.7	-83.3	3565	3565	35.3	-23.4	2	-2					
55TH	768.50									194.9	-130.0	4.6	6.6	-1.0
		94.0	-58.1	3091	3091	30.4	-18.8	2	-3					
CTWR	788.50									100.9	-72.0	2.6	3.7	-.5
		100.9	-72.0	4980	4980	20.3	-14.5	2	-3					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									3880.1	-3943.5	1578.3	1596.2	7.9
TERR	16.50	98.3	-114.8	4114	4114	23.9	-27.9	-1	1	3781.8	-3828.6	1514.1	1533.0	7.6
MEZZ	29.50	59.9	-67.2	2502	2502	24.0	-26.9	-3	3	3721.8	-3761.4	1464.8	1484.3	7.2
1ST	56.50	111.0	-127.2	4185	4185	26.5	-30.4	-1	0	3610.9	-3634.2	1365.0	1385.3	7.0
2ND	69.50	53.6	-60.3	2015	2015	26.6	-29.9	-1	1	3557.3	-3574.0	1318.1	1338.7	6.9
3RD	82.50	53.9	-60.7	2015	2015	26.7	-30.1	-1	1	3503.4	-3513.3	1272.0	1292.8	6.8
4TH	95.50	54.2	-61.1	2015	2015	26.9	-30.3	-1	1	3449.2	-3452.1	1226.8	1247.6	6.7
5TH	108.50	54.5	-61.5	2015	2015	27.1	-30.5	-1	1	3394.7	-3390.6	1182.3	1203.1	6.5
6TH	121.50	54.8	-62.0	2015	2015	27.2	-30.8	-1	1	3339.9	-3328.6	1138.6	1159.3	6.4
7TH	134.50	55.1	-62.4	2015	2015	27.4	-31.0	-1	1	3284.7	-3266.2	1095.7	1116.3	6.2
8TH	147.50	55.4	-62.8	2015	2015	27.5	-31.2	-1	1	3229.3	-3203.4	1053.7	1073.9	6.1
9TH	160.50	55.8	-63.1	2015	2015	27.7	-31.3	-1	1	3173.5	-3140.3	1012.5	1032.3	5.9
10TH	173.50	56.7	-62.9	2015	2015	28.1	-31.2	-1	1	3116.8	-3077.4	972.0	991.4	5.7
11TH	186.50	57.5	-62.6	2015	2015	28.5	-31.1	-1	1	3059.3	-3014.8	932.4	951.3	5.5
12TH	199.50	58.4	-62.3	2015	2015	29.0	-30.9	-2	1	3000.9	-2952.4	893.7	911.9	5.3
13TH	212.50	59.2	-62.1	2015	2015	29.4	-30.8	-2	2	2941.7	-2890.4	855.7	873.3	5.0
14TH	225.50	60.1	-61.8	2015	2015	29.8	-30.7	-2	2	2881.6	-2828.6	818.5	835.4	4.8
15TH	238.50	60.9	-61.5	2015	2015	30.2	-30.5	-2	2	2820.7	-2767.1	782.1	798.3	4.5
16TH	251.50	61.8	-61.3	2015	2015	30.7	-30.4	-2	2	2758.9	-2705.8	746.6	762.1	4.2
17TH	264.50	62.3	-61.3	2015	2015	30.9	-30.4	-2	2	2696.6	-2644.5	711.8	726.6	4.0
18TH	277.50	62.7	-61.5	2015	2015	31.1	-30.5	-2	2	2633.9	-2582.9	677.8	692.0	3.7
19TH	290.50	63.2	-61.7	2015	2015	31.4	-30.6	-2	2	2570.7	-2521.2	644.6	658.1	3.5
20TH	303.50	63.7	-61.9	2015	2015	31.6	-30.7	-1	1	2507.0	-2459.4	612.3	625.1	3.2
21ST	316.50	64.1	-62.1	2015	2015	31.8	-30.8	-1	1	2442.9	-2397.3	580.7	593.0	3.0
22ND	329.50	64.6	-62.2	2015	2015	32.0	-30.9	-1	1	2378.4	-2335.0	549.9	561.6	2.8
		65.0	-62.4	2015	2015	32.3	-31.0	-1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									2313.4	-2272.6	520.0	531.1	2.7
24TH	355.50	65.4	-62.7	2015	2015	32.4	-31.1	-1	1	2248.0	-2209.9	490.8	501.5	2.5
25TH	368.50	65.5	-63.1	2015	2015	32.5	-31.3	-1	1	2182.5	-2146.9	462.5	472.7	2.4
26TH	381.50	65.7	-63.5	2015	2015	32.6	-31.5	-1	1	2116.8	-2083.4	435.0	444.7	2.2
27TH	394.50	65.9	-63.9	2015	2015	32.7	-31.7	-1	1	2050.9	-2019.6	408.4	417.6	2.0
28TH	407.50	66.0	-64.2	2015	2015	32.8	-31.9	-1	1	1984.8	-1955.3	382.5	391.4	1.9
29TH	420.50	66.2	-64.6	2015	2015	32.9	-32.1	-1	1	1918.6	-1890.7	357.5	366.0	1.7
30TH	433.50	66.4	-65.0	2015	2015	32.9	-32.3	-1	1	1852.2	-1825.7	333.4	341.5	1.5
31ST	446.50	66.6	-65.4	2015	2015	33.0	-32.5	-1	1	1785.7	-1760.2	310.0	317.9	1.3
32ND	459.50	66.5	-65.5	2015	2015	33.0	-32.5	-1	1	1719.2	-1694.7	287.6	295.1	1.2
33RD	472.50	66.4	-65.6	2015	2015	32.9	-32.6	-1	1	1652.8	-1629.1	266.0	273.2	1.0
34TH	485.50	66.3	-65.7	2015	2015	32.9	-32.6	-1	1	1586.6	-1563.5	245.2	252.1	.9
35TH	498.50	66.1	-65.8	2015	2015	32.8	-32.6	-1	1	1520.4	-1497.7	225.3	231.9	.8
36TH	511.50	66.0	-65.9	2015	2015	32.8	-32.7	-1	1	1454.4	-1431.8	206.3	212.6	.7
37TH	524.50	65.9	-65.9	2015	2015	32.7	-32.7	-1	1	1388.5	-1365.9	188.1	194.1	.6
38TH	537.50	65.8	-66.0	2015	2015	32.7	-32.8	-0	0	1322.6	-1299.9	170.8	176.5	.5
39TH	550.50	65.8	-66.1	2015	2015	32.7	-32.8	-0	0	1256.8	-1233.8	154.3	159.7	.5
40TH	563.50	65.8	-66.1	2015	2015	32.7	-32.8	-0	0	1191.0	-1167.7	138.7	143.8	.4
41ST	576.50	65.9	-66.1	2015	2015	32.7	-32.8	-0	0	1125.1	-1101.5	124.0	128.8	.3
42ND	589.50	65.9	-66.2	2015	2015	32.7	-32.8	-0	0	1059.2	-1035.3	110.1	114.6	.3
43RD	602.50	65.9	-66.2	2015	2015	32.7	-32.9	-0	0	993.3	-969.1	97.0	101.2	.2
44TH	615.50	66.0	-66.2	2015	2015	32.7	-32.9	-0	0	927.3	-902.9	84.9	88.7	.2
45TH	628.50	66.0	-66.3	2015	2015	32.8	-32.9	-0	0	861.3	-836.7	73.6	77.1	.2
46TH	641.50	66.0	-66.2	2015	2015	32.8	-32.9	-0	0	795.2	-770.4	63.1	66.4	.2
47TH	654.50	65.9	-65.9	2015	2015	32.7	-32.7	-0	0	729.3	-704.5	53.5	56.4	.1
		65.8	-65.6	2015	2015	32.6	-32.6	-0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									663.6	-638.8	44.8	47.4	.1
49TH	680.50	65.7	-65.4	2015	2015	32.6	-32.4	-0	0	597.9	-573.5	36.9	39.2	.0
50TH	693.50	65.5	-65.1	2015	2015	32.5	-32.3	-0	0	532.4	-508.4	29.9	31.8	-.0
51ST	706.50	65.4	-64.8	2015	2015	32.5	-32.1	-0	0	467.0	-443.6	23.7	25.3	-.1
52ND	719.50	65.3	-64.5	2015	2015	32.4	-32.0	-0	0	401.7	-379.2	18.3	19.7	-.1
53RD	732.50	65.1	-64.2	2015	2015	32.3	-31.8	-0	0	336.6	-315.0	13.8	14.9	-.2
54TH	745.50	63.4	-61.5	2015	2015	31.5	-30.5	-0	0	273.2	-253.5	10.1	10.9	-.3
55TH	768.50	105.8	-99.4	3565	3565	29.7	-27.9	-0	0	167.4	-154.1	5.5	5.9	-.3
CTWR	788.50	76.6	-69.5	3091	3091	24.8	-22.5	0	-0	90.7	-84.6	3.1	3.3	-.3
TOP	861.00	90.7	-84.6	4980	4980	18.2	-17.0	1	-1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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													
TERR	16.50	79.3	-98.1	4114	4114	19.3	-23.8	-1	1	3213.7	-4094.4	1696.3	1288.7	19.8
MEZZ	29.50	52.9	-62.1	2502	2502	21.1	-24.8	-2	2	3134.4	-3996.2	1629.6	1236.3	19.6
1ST	56.50	98.6	-120.0	4185	4185	23.5	-28.7	-0	0	3081.5	-3934.1	1578.0	1195.9	19.3
2ND	69.50	47.7	-55.7	2015	2015	23.7	-27.6	-1	1	2982.9	-3814.2	1473.4	1114.0	19.2
3RD	82.50	48.1	-56.5	2015	2015	23.9	-28.1	-1	1	2935.3	-3758.5	1424.2	1075.6	19.1
4TH	95.50	48.6	-57.4	2015	2015	24.1	-28.5	-1	1	2887.1	-3701.9	1375.7	1037.7	19.0
5TH	108.50	49.0	-58.2	2015	2015	24.3	-28.9	-1	1	2838.5	-3644.6	1327.9	1000.5	18.9
6TH	121.50	49.5	-59.0	2015	2015	24.6	-29.3	-1	1	2789.5	-3586.4	1280.9	963.9	18.7
7TH	134.50	50.0	-59.9	2015	2015	24.8	-29.7	-2	1	2740.0	-3527.4	1234.7	928.0	18.6
8TH	147.50	50.4	-60.7	2015	2015	25.0	-30.1	-2	1	2690.0	-3467.5	1189.2	892.7	18.4
9TH	160.50	50.9	-61.4	2015	2015	25.2	-30.5	-2	2	2639.6	-3406.8	1144.6	858.0	18.1
10TH	173.50	51.2	-61.6	2015	2015	25.4	-30.6	-2	2	2588.7	-3345.4	1100.7	824.1	17.9
11TH	186.50	51.6	-61.7	2015	2015	25.6	-30.6	-2	2	2537.5	-3283.8	1057.6	790.7	17.6
12TH	199.50	52.0	-61.8	2015	2015	25.8	-30.7	-2	2	2485.8	-3222.1	1015.3	758.1	17.3
13TH	212.50	52.4	-61.9	2015	2015	26.0	-30.7	-3	2	2433.9	-3160.3	973.8	726.1	17.0
14TH	225.50	52.7	-62.1	2015	2015	26.2	-30.8	-3	2	2381.5	-3098 4	933.1	694.8	16.6
15TH	238.50	53.1	-62.2	2015	2015	26.4	-30.9	-3	3	2328.8	-3036.4	893.2	664.2	16.3
16TH	251.50	53.5	-62.3	2015	2015	26.5	-30.9	-3	3	2275.6	-2974.2	854.2	634.3	15.9
17TH	264.50	53.7	-62.8	2015	2015	26.6	-31.1	-3	3	2222.2	-2911.9	815.9	605.0	15.4
18TH	277.50	53.8	-63.3	2015	2015	26.7	-31.4	-3	3	2168.5	-2849.1	778.5	576.5	15.0
19TH	290.50	53.9	-63.8	2015	2015	26.8	-31.7	-3	3	2114.7	-2785.8	741.8	548.6	14.6
20TH	303.50	54.1	-64.4	2015	2015	26.8	-31.9	-3	2	2060.7	-2722.0	706.0	521.5	14.2
21ST	316.50	54.2	-64.9	2015	2015	26.9	-32.2	-3	2	2006.7	-2657.6	671.1	495.1	13.8
22ND	329.50	54.4	-65.4	2015	2015	27.0	-32.5	-3	2	1952.5	-2592 7	636.9	469.3	13.4
		54.5	-66.0	2015	2015	27.0	-32.7	-3	2	1898.1	-2527.3	603.7	444.3	13.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									1843.6	-2461.3	571.2	420.0	12.6
24TH	355.50	54.5	-66.5	2015	2015	27.1	-33.0	-3	2	1789.1	-2394.8	539.7	396.4	12.2
25TH	368.50	54.5	-66.9	2015	2015	27.0	-33.2	-3	2	1734.6	-2327.9	509.0	373.5	11.8
26TH	381.50	54.4	-67.3	2015	2015	27.0	-33.4	-3	2	1680.3	-2260.7	479.1	351.3	11.5
27TH	394.50	54.3	-67.7	2015	2015	26.9	-33.6	-3	2	1626.0	-2193.0	450.2	329.8	11.1
28TH	407.50	54.2	-68.1	2015	2015	26.9	-33.8	-3	2	1571.8	-2124.9	422.1	309.0	10.7
29TH	420.50	54.1	-68.5	2015	2015	26.8	-34.0	-3	2	1517.7	-2056.4	395.0	288.9	10.3
30TH	433.50	54.0	-68.9	2015	2015	26.8	-34.2	-3	2	1463.8	-1987.5	368.7	269.5	9.9
31ST	446.50	53.9	-69.3	2015	2015	26.7	-34.4	-3	2	1409.9	-1918.2	343.3	250.8	9.5
32ND	459.50	53.6	-69.3	2015	2015	26.6	-34.4	-3	2	1356.3	-1848.9	318.8	232.9	9.1
33RD	472.50	53.3	-69.3	2015	2015	26.5	-34.4	-3	2	1302.9	-1779.7	295.2	215.6	8.7
34TH	485.50	53.1	-69.3	2015	2015	26.3	-34.4	-3	2	1249.9	-1710.4	272.5	199.0	8.4
35TH	498.50	52.8	-69.3	2015	2015	26.2	-34.4	-3	2	1197.0	-1641.1	250.7	183.1	8.0
36TH	511.50	52.5	-69.3	2015	2015	26.1	-34.4	-3	2	1144.5	-1571.8	229.9	167.9	7.6
37TH	524.50	52.3	-69.3	2015	2015	25.9	-34.4	-3	2	1092.2	-1502.6	209.9	153.3	7.2
38TH	537.50	52.0	-69.3	2015	2015	25.8	-34.4	-3	2	1040.3	-1433.3	190.8	139.5	6.9
39TH	550.50	51.8	-69.5	2015	2015	25.7	-34.5	-3	2	988.4	-1363.8	172.6	126.3	6.5
40TH	563.50	51.8	-69.9	2015	2015	25.7	-34.7	-3	2	936.6	-1293.9	155.3	113.8	6.2
41ST	576.50	51.7	-70.4	2015	2015	25.7	-34.9	-3	2	884.9	-1223.5	139.0	101.9	5.8
42ND	589.50	51.7	-70.8	2015	2015	25.7	-35.2	-3	2	833.2	-1152.7	123.5	90.8	5.4
43RD	602.50	51.6	-71.3	2015	2015	25.6	-35.4	-3	2	781.5	-1081.4	109.0	80.3	5.1
44TH	615.50	51.6	-71.7	2015	2015	25.6	-35.6	-3	2	730.0	-1009.7	95.4	70.4	4.7
45TH	628.50	51.5	-72.2	2015	2015	25.6	-35.8	-3	2	678.4	-937.5	82.8	61.3	4.3
46TH	641.50	51.5	-72.5	2015	2015	25.5	-36.0	-3	2	626.9	-865.0	71.0	52.8	4.0
47TH	654.50	51.4	-72.5	2015	2015	25.5	-36.0	-3	2	575.5	-792.5	60.3	45.0	3.6
		51.3	-72.5	2015	2015	25.5	-36.0	-3	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									524.2	-720.0	50.4	37.8	3.2
		51.2	-72.4	2015	2015	25.4	-35.9	-3	2					
49TH	680.50									473.0	-647.6	41.5	31.4	2.8
		51.2	-72.4	2015	2015	25.4	-35.9	-3	2					
50TH	693.50									421.8	-575.2	33.6	25.5	2.4
		51.1	-72.4	2015	2015	25.4	-35.9	-3	2					
51ST	706.50									370.7	-502.8	26.6	20.4	2.0
		51.0	-72.3	2015	2015	25.3	-35.9	-3	2					
52ND	719.50									319.7	-430.4	20.5	15.9	1.6
		50.9	-72.3	2015	2015	25.3	-35.9	-3	2					
53RD	732.50									268.8	-358.1	15.4	12.1	1.1
		49.7	-69.6	2015	2015	24.7	-34.5	-3	2					
54TH	745.50									219.1	-288.5	11.2	8.9	.7
		83.5	-113.3	3565	3565	23.4	-31.8	-3	2					
55TH	768.50									135.6	-175.3	5.9	4.8	.1
		60.7	-86.4	3091	3091	19.6	-28.0	-2	2					
CTWR	788.50									74.9	-88.8	3.2	2.7	-.2
		74.9	-88.8	4980	4980	15.0	-17.8	1	-1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									2612.2	-3158.0	1381.2	1011.0	18.2
TERR	16.50	46.5	-60.8	4114	4114	11.3	-14.8	-0	0	2565.6	-3097.2	1329.6	968.2	18.2
MEZZ	29.50	38.7	-38.9	2502	2502	15.5	-15.5	1	-1	2526.9	-3058.3	1289.5	935.1	18.2
1ST	56.50	76.7	-79.6	4185	4185	18.3	-19.0	3	-3	2450.2	-2978.7	1208.0	867.9	18.8
2ND	69.50	38.9	-36.8	2015	2015	19.3	-18.2	3	-3	2411.3	-2941.9	1169.6	836.3	19.1
3RD	82.50	40.6	-37.5	2015	2015	20.1	-18.6	2	-2	2370.7	-2904.4	1131.6	805.3	19.3
4TH	95.50	42.3	-38.3	2015	2015	21.0	-19.0	2	-2	2328.4	-2866.1	1094.1	774.7	19.5
5TH	108.50	44.0	-39.0	2015	2015	21.8	-19.4	1	-1	2284.4	-2827.1	1057.0	744.7	19.6
6TH	121.50	45.7	-39.7	2015	2015	22.7	-19.7	1	-1	2238.7	-2787.4	1020.6	715.3	19.7
7TH	134.50	47.4	-40.5	2015	2015	23.5	-20.1	1	-1	2191.3	-2746.9	984.6	686.5	19.8
8TH	147.50	49.1	-41.2	2015	2015	24.4	-20.5	0	-0	2142.2	-2705.7	949.1	658.4	19.8
9TH	160.50	50.6	-41.9	2015	2015	25.1	-20.8	-0	0	2091.6	-2663.8	914.2	630.9	19.8
10TH	173.50	50.4	-42.6	2015	2015	25.0	-21.2	-0	0	2041.1	-2621.1	879.9	604.0	19.8
11TH	186.50	50.3	-43.3	2015	2015	25.0	-21.5	-1	1	1990.8	-2577.8	846.1	577.8	19.7
12TH	199.50	50.2	-44.0	2015	2015	24.9	-21.9	-1	1	1940.7	-2533.8	812.9	552.2	19.5
13TH	212.50	50.0	-44.7	2015	2015	24.8	-22.2	-1	1	1890.6	-2489.0	780 2	527.3	19.4
14TH	225.50	49.9	-45.4	2015	2015	24.8	-22.5	-2	2	1840.7	-2443.6	748 2	503.1	19.2
15TH	238.50	49.8	-46.1	2015	2015	24.7	-22.9	-2	2	1791.0	-2397.4	716.7	479.5	18.9
16TH	251.50	49.6	-46.8	2015	2015	24.6	-23.2	-2	2	1741.4	-2350.6	685.8	456.5	18.7
17TH	264.50	49.3	-47.3	2015	2015	24.4	-23.5	-2	2	1692.1	-2303.3	655.6	434.2	18.4
18TH	277.50	48.8	-47.8	2015	2015	24.2	-23.7	-3	3	1643.3	-2255.5	625.9	412.5	18.0
19TH	290.50	48.4	-48.2	2015	2015	24.0	-23.9	-3	3	1594.8	-2207.2	596.9	391.5	17.7
20TH	303.50	48.0	-48.7	2015	2015	23.8	-24.2	-3	3	1546.8	-2158.5	568.6	371.0	17.4
21ST	316.50	47.6	-49.2	2015	2015	23.6	-24.4	-3	3	1499.2	-2109.4	540 8	351.2	17.1
22ND	329.50	47.2	-49.6	2015	2015	23.4	-24.6	-3	3	1452.0	-2059.8	513.7	332.1	16.7
		46.8	-50.1	2015	2015	23.2	-24.8	-3	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									1405.3	-2009.7	487.3	313.5	16.3
		46.3	-50.5	2015	2015	23.0	-25.0	-3	3					
24TH	355.50									1359.0	-1959.3	461.5	295.5	16.0
		45.9	-50.8	2015	2015	22.8	-25.2	-3	3					
25TH	368.50									1313.1	-1908.5	436.3	278.1	15.6
		45.4	-51.1	2015	2015	22.5	-25.4	-3	3					
26TH	381.50									1267.7	-1857.4	411.8	261.4	15.2
		44.9	-51.4	2015	2015	22.3	-25.5	-3	3					
27TH	394.50									1222.8	-1806.0	388.0	245.2	14.8
		44.4	-51.7	2015	2015	22.1	-25.7	-3	3					
28TH	407.50									1178.4	-1754.2	364.9	229.6	14.4
		44.0	-52.1	2015	2015	21.8	-25.8	-4	3					
29TH	420.50									1134.4	-1702.2	342.4	214.5	14.0
		43.5	-52.4	2015	2015	21.6	-26.0	-4	3					
30TH	433.50									1090.9	-1649.8	320.6	200.1	13.7
		43.0	-52.7	2015	2015	21.4	-26.1	-4	3					
31ST	446.50									1047.9	-1597.1	299.5	186.2	13.3
		42.3	-52.8	2015	2015	21.0	-26.2	-4	3					
32ND	459.50									1005.5	-1544.3	279.1	172.8	12.9
		41.7	-52.9	2015	2015	20.7	-26.3	-4	3					
33RD	472.50									963.9	-1491.4	259.4	160.0	12.5
		41.0	-53.0	2015	2015	20.3	-26.3	-4	3					
34TH	485.50									922.9	-1438.4	240.3	147.8	12.0
		40.3	-53.1	2015	2015	20.0	-26.4	-4	3					
35TH	498.50									882.6	-1385.2	222.0	136.0	11.6
		39.6	-53.3	2015	2015	19.6	-26.4	-4	3					
36TH	511.50									843.1	-1332.0	204.3	124.8	11.2
		38.9	-53.4	2015	2015	19.3	-26.5	-4	3					
37TH	524.50									804.2	-1278.6	187.4	114.1	10.8
		38.2	-53.5	2015	2015	19.0	-26.5	-4	3					
38TH	537.50									766.0	-1225.1	171.1	103.9	10.4
		37.8	-53.9	2015	2015	18.8	-26.7	-4	3					
39TH	550.50									728.1	-1171.2	155.5	94.2	9.9
		37.7	-54.5	2015	2015	18.7	-27.1	-5	3					
40TH	563.50									690.4	-1116.7	140.6	85.0	9.5
		37.6	-55.2	2015	2015	18.7	-27.4	-5	3					
41ST	576.50									652.8	-1061.5	126.5	76.2	9.0
		37.5	-55.8	2015	2015	18.6	-27.7	-5	3					
42ND	589.50									615.3	-1005.7	113.0	68.0	8.5
		37.4	-56.4	2015	2015	18.5	-28.0	-5	3					
43RD	602.50									577.9	-949.3	100.3	60.2	8.0
		37.3	-57.1	2015	2015	18.5	-28.3	-5	3					
44TH	615.50									540.7	-892.2	88.4	53.0	7.5
		37.1	-57.7	2015	2015	18.4	-28.6	-5	4					
45TH	628.50									503.5	-834.5	77.1	46.2	6.9
		37.0	-58.3	2015	2015	18.4	-29.0	-6	4					
46TH	641.50									466.5	-776.2	66.7	39.9	6.3
		37.1	-59.1	2015	2015	18.4	-29.3	-6	4					
47TH	654.50									429.4	-717.1	57.0	34.1	5.8
		37.1	-59.8	2015	2015	18.4	-29.7	-6	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									392.3	-657.3	48.0	28.7	5.2
		37.2	-60.6	2015	2015	18.4	-30.1	-6	3					
49TH	680.50									355.1	-596.7	39.9	23.9	4.6
		37.2	-61.3	2015	2015	18.5	-30.4	-6	3					
50TH	693.50									317.9	-535.3	32.5	19.5	4.0
		37.2	-62.1	2015	2015	18.5	-30.8	-6	3					
51ST	706.50									280.7	-473.3	26.0	15.6	3.4
		37.3	-62.8	2015	2015	18.5	-31.2	-6	3					
52ND	719.50									243.4	-410.4	20.2	12.2	2.8
		37.3	-63.6	2015	2015	18.5	-31.6	-6	3					
53RD	732.50									206.1	-346.8	15.3	9.3	2.2
		36.8	-62.9	2015	2015	18.3	-31.2	-6	3					
54TH	745.50									169.3	-284.0	11.2	6.8	1.6
		63.4	-107.6	3565	3565	17.8	-30.2	-6	3					
55TH	768.50									105.9	-176.4	5.9	3.7	.7
		49.8	-86.9	3091	3091	16.1	-28.1	-5	3					
CTWR	788.50									56.1	-89.5	3.2	2.0	-.0
		56.1	-89.5	4980	4980	11.3	-18.0	0	-0					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									1730.9	-2780.0	1334.4	610.1	28.9
TERR	16.50	22.8	-30.5	4114	4114	5.5	-7.4	-3	3	1708.0	-2749.6	1288.8	581.8	28.7
MEZZ	29.50	20.1	-23.0	2502	2502	8.0	-9.2	-1	1	1687.9	-2726.6	1253.2	559.7	28.7
1ST	56.50	40.2	-51.5	4185	4185	9.6	-12.3	5	-4	1647.7	-2675.1	1180.3	514.7	29.2
2ND	69.50	22.1	-23.0	2015	2015	11.0	-11.4	5	-5	1625.6	-2652.2	1145.6	493.4	29.5
3RD	82.50	26.6	-23.1	2015	2015	13.2	-11.4	3	-4	1599.0	-2629.1	1111.3	472.4	29.7
4TH	95.50	31.2	-23.2	2015	2015	15.5	-11.5	2	-3	1567.8	-2605.9	1077.3	451.8	29.9
5TH	108.50	35.7	-23.2	2015	2015	17.7	-11.5	1	-2	1532.1	-2582.7	1043.6	431.7	30.0
6TH	121.50	40.3	-23.3	2015	2015	20.0	-11.6	0	-1	1491.8	-2559.4	1010.1	412.0	30.0
7TH	134.50	44.8	-23.4	2015	2015	22.2	-11.6	-0	0	1447.0	-2535.9	977.0	392.9	30.0
8TH	147.50	49.4	-23.5	2015	2015	24.5	-11.7	-0	1	1397.6	-2512.4	944.2	374.4	29.9
9TH	160.50	53.2	-23.8	2015	2015	26.4	-11.8	-1	2	1344.5	-2488.6	911.7	356.6	29.8
10TH	173.50	51.8	-25.0	2015	2015	25.7	-12.4	-1	2	1292.6	-2463.6	879.5	339.5	29.6
11TH	186.50	50.5	-26.2	2015	2015	25.1	-13.0	-2	3	1242.2	-2437.4	847.7	323.0	29.4
12TH	199.50	49.1	-27.5	2015	2015	24.4	-13.6	-2	4	1193.0	-2409.9	816.1	307.2	29.0
13TH	212.50	47.8	-28.7	2015	2015	23.7	-14.2	-3	5	1145.2	-2381.2	785.0	292.0	28.7
14TH	225.50	46.5	-29.9	2015	2015	23.1	-14.9	-3	5	1098.8	-2351.3	754.2	277.4	28.2
15TH	238.50	45.1	-31.2	2015	2015	22.4	-15.5	-4	6	1053.7	-2320.1	723.9	263.4	27.7
16TH	251.50	43.8	-32.4	2015	2015	21.7	-16.1	-5	7	1009.9	-2287.7	693.9	250.0	27.1
17TH	264.50	42.0	-34.2	2015	2015	20.8	-17.0	-5	7	968.0	-2253.4	664.4	237.1	26.6
18TH	277.50	40.0	-36.2	2015	2015	19.9	-18.0	-6	6	927.9	-2217.2	635.3	224.8	26.0
19TH	290.50	38.1	-38.2	2015	2015	18.9	-19.0	-6	6	889.8	-2179.0	606.8	213.0	25.4
20TH	303.50	36.2	-40.2	2015	2015	18.0	-19.9	-6	6	853.6	-2138.8	578.7	201.7	24.9
21ST	316.50	34.3	-42.2	2015	2015	17.0	-20.9	-6	5	819.4	-2096.6	551.2	190.8	24.3
22ND	329.50	32.3	-44.1	2015	2015	16.0	-21.9	-6	5	787.0	-2052.5	524.2	180.3	23.8
		30.4	-46.1	2015	2015	15.1	-22.9	-7	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									756.6	-2006.4	497.8	170.3	23.3
		28.8	-47.6	2015	2015	14.3	-23.6	-7	4					
24TH	355.50									727.8	-1958.8	472.1	160.7	22.7
		27.8	-48.1	2015	2015	13.8	-23.9	-7	4					
25TH	368.50									700.0	-1910.6	446.9	151.4	22.2
		26.7	-48.7	2015	2015	13.3	-24.2	-7	4					
26TH	381.50									673.3	-1861.9	422.4	142.5	21.7
		25.7	-49.2	2015	2015	12.8	-24.4	-7	4					
27TH	394.50									647.6	-1812.7	398.5	133.9	21.1
		24.7	-49.7	2015	2015	12.2	-24.7	-7	3					
28TH	407.50									622.9	-1763.0	375.3	125.6	20.6
		23.7	-50.3	2015	2015	11.7	-25.0	-7	3					
29TH	420.50									599.3	-1712.7	352.7	117.7	20.1
		22.6	-50.8	2015	2015	11.2	-25.2	-7	3					
30TH	433.50									576.6	-1661.9	330.7	110.0	19.5
		21.6	-51.3	2015	2015	10.7	-25.5	-7	3					
31ST	446.50									555.0	-1610.6	309.5	102.7	19.0
		21.3	-51.3	2015	2015	10.6	-25.5	-7	3					
32ND	459.50									533.7	-1559.3	288.9	95.6	18.5
		21.0	-51.3	2015	2015	10.4	-25.4	-7	3					
33RD	472.50									512.7	-1508.0	268.9	88.8	17.9
		20.7	-51.2	2015	2015	10.3	-25.4	-7	3					
34TH	485.50									492.0	-1456.7	249.6	82.3	17.4
		20.4	-51.2	2015	2015	10.1	-25.4	-8	3					
35TH	498.50									471.7	-1405.6	231.0	76.0	16.8
		20.1	-51.2	2015	2015	10.0	-25.4	-8	3					
36TH	511.50									451.6	-1354.4	213.1	70.0	16.3
		19.8	-51.1	2015	2015	9.8	-25.4	-8	3					
37TH	524.50									431.8	-1303.3	195.8	64.2	15.7
		19.5	-51.1	2015	2015	9.7	-25.4	-8	3					
38TH	537.50									412.3	-1252.2	179.2	58.8	15.1
		19.2	-51.6	2015	2015	9.5	-25.6	-8	3					
39TH	550.50									393.1	-1200.6	163.3	53.5	14.5
		19.0	-52.5	2015	2015	9.4	-26.0	-8	3					
40TH	563.50									374.1	-1148.1	148.0	48.5	13.9
		18.8	-53.3	2015	2015	9.3	-26.5	-8	3					
41ST	576.50									355.3	-1094.8	133.4	43.8	13.2
		18.6	-54.2	2015	2015	9.2	-26.9	-9	3					
42ND	589.50									336.6	-1040.6	119.5	39.3	12.6
		18.4	-55.1	2015	2015	9.1	-27.4	-9	3					
43RD	602.50									318.2	-985.4	106.4	35.0	11.9
		18.2	-56.0	2015	2015	9.0	-27.8	-9	3					
44TH	615.50									300.0	-929.4	93.9	31.0	11.2
		18.0	-56.9	2015	2015	8.9	-28.2	-9	3					
45TH	628.50									282.0	-872.5	82.2	27.2	10.6
		17.9	-57.8	2015	2015	8.9	-28.7	-9	3					
46TH	641.50									264.1	-814.7	71.3	23.7	9.9
		18.3	-59.0	2015	2015	9.1	-29.3	-9	3					
47TH	654.50									245.7	-755.7	61.0	20.4	9.1
		18.8	-60.2	2015	2015	9.3	-29.9	-9	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									226.9	-695.4	51.6	17.3	8.3
49TH	680.50	19.2	-61.4	2015	2015	9.5	-30.5	-10	3	207.7	-634.0	43.0	14.5	7.5
50TH	693.50	19.6	-62.6	2015	2015	9.8	-31.1	-10	3	188.1	-571.3	35.1	11.9	6.7
51ST	706.50	20.1	-63.8	2015	2015	10.0	-31.7	-10	3	168.0	-507.5	28.1	9.6	5.8
52ND	719.50	20.5	-65.1	2015	2015	10.2	-32.3	-10	3	147.5	-442.4	21.9	7.5	4.9
53RD	732.50	21.0	-66.3	2015	2015	10.4	-32.9	-11	3	126.5	-376.2	16.6	5.8	3.9
54TH	745.50	21.0	-66.6	2015	2015	10.4	-33.1	-10	3	105.5	-309.5	12.2	4.3	3.0
55TH	768.50	36.9	-117.9	3565	3565	10.4	-33.1	-10	3	68.6	-191.7	6.4	2.3	1.3
CTWR	788.50	34.6	-94.6	3091	3091	11.2	-30.6	-9	3	33.9	-97.1	3.5	1.2	.2
TOP	861.00	33.9	-97.1	4980	4980	6.8	-19.5	-1	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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	-3319.0	1606.2	-274.9	10.2
TERR	16.50	10.5	-20.0	4114	4114	2.5	-4.9	-2	1	-403.0	-3299.0	1551.6	-268.3	10.1
MEZZ	29.50	8.5	-25.5	2502	2502	3.4	-10.2	0	-0	-411.5	-3273.6	1508.8	-263.0	10.1
1ST	56.50	15.5	-56.7	4185	4185	3.7	-13.5	5	-1	-426.9	-3216.9	1421.2	-251.7	10.5
2ND	69.50	8.3	-22.9	2015	2015	4.1	-11.4	4	-2	-435.2	-3194.0	1379.6	-246.1	10.6
3RD	82.50	7.3	-22.7	2015	2015	3.6	-11.3	3	-1	-442.4	-3171.3	1338.2	-240.4	10.7
4TH	95.50	6.2	-22.5	2015	2015	3.1	-11.2	2	-1	-448.7	-3148.8	1297.1	-234.6	10.8
5TH	108.50	5.2	-22.3	2015	2015	2.6	-11.0	1	-0	-453.9	-3126.6	1256.3	-228.7	10.8
6TH	121.50	4.2	-22.0	2015	2015	2.1	-10.9	-1	0	-458.2	-3104.5	1215.8	-222.8	10.8
7TH	134.50	3.2	-21.8	2015	2015	1.6	-10.8	-2	0	-461.4	-3082.7	1175.6	-216.8	10.7
8TH	147.50	2.2	-21.6	2015	2015	1.1	-10.7	-4	0	-463.6	-3061.1	1135.7	-210.8	10.6
9TH	160.50	1.3	-21.7	2015	2015	.7	-10.8	-5	0	-464.9	-3039.4	1096.0	-204.8	10.5
10TH	173.50	1.2	-23.9	2015	2015	.6	-11.9	-5	0	-466.1	-3015.5	1056.6	-198.7	10.3
11TH	186.50	1.0	-26.1	2015	2015	.5	-13.0	-6	0	-467.2	-2989.3	1017.6	-192.6	10.1
12TH	199.50	.9	-28.3	2015	2015	.4	-14.1	-6	0	-468.1	-2961.0	978.9	-186.6	9.9
13TH	212.50	.8	-30.5	2015	2015	.4	-15.1	-6	0	-468.8	-2930.5	940.6	-180.5	9.7
14TH	225.50	.6	-32.7	2015	2015	.3	-16.2	-6	0	-469.5	-2897.8	902 8	-174.4	9.5
15TH	238.50	.5	-34.9	2015	2015	.2	-17.3	-6	0	-469.9	-2862.9	865.3	-168.3	9.2
16TH	251.50	.3	-37.1	2015	2015	.2	-18.4	-6	0	-470.3	-2825.7	828.3	-162.2	8.9
17TH	264.50	-.4	-40.0	2015	2015	-.2	-19.9	-5	-0	-469.9	-2785.7	791.9	-156.0	8.7
18TH	277.50	-1.3	-43.2	2015	2015	-.7	-21.4	-4	-0	-468.6	-2742.5	755.9	-149.9	8.4
19TH	290.50	-2.2	-46.3	2015	2015	-1.1	-23.0	-4	-0	-466.3	-2696.3	720.6	-143.9	8.2
20TH	303.50	-3.1	-49.4	2015	2015	-1.6	-24.5	-3	-0	-463.2	-2646.9	685.8	-137.8	8.1
21ST	316.50	-4.0	-52.5	2015	2015	-2.0	-26.0	-2	-0	-459.1	-2594.4	651.8	-131.8	7.9
22ND	329.50	-5.0	-55.6	2015	2015	-2.5	-27.6	-2	-0	-454.2	-2538.8	618.4	-125.9	7.8
		-5.9	-58.7	2015	2015	-2.9	-29.1	-1	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
23RD	342.50									-448.3	-2480.1	585.8	-120.0	7.7
24TH	355.50	-6.6	-61.2	2015	2015	-3.3	-30.4	-1	-0	-441.7	-2418.9	553.9	-114.2	7.6
25TH	368.50	-7.0	-62.3	2015	2015	-3.5	-30.9	-1	-0	-434.7	-2356.7	522.9	-108.5	7.5
26TH	381.50	-7.4	-63.4	2015	2015	-3.7	-31.5	-1	-0	-427.3	-2293.2	492.7	-102.9	7.4
27TH	394.50	-7.8	-64.5	2015	2015	-3.9	-32.0	-1	-0	-419.5	-2228.7	463.3	-97.4	7.3
28TH	407.50	-8.2	-65.7	2015	2015	-4.1	-32.6	-1	-0	-411.4	-2163.1	434.7	-92.0	7.1
29TH	420.50	-8.6	-66.8	2015	2015	-4.2	-33.1	-1	-0	-402.8	-2096.3	407.1	-86.7	7.0
30TH	433.50	-9.0	-67.9	2015	2015	-4.4	-33.7	-1	-0	-393.8	-2028.4	380.2	-81.6	6.9
31ST	446.50	-9.3	-69.0	2015	2015	-4.6	-34.3	-1	-0	-384.5	-1959.4	354.3	-76.5	6.8
32ND	459.50	-9.7	-69.2	2015	2015	-4.8	-34.3	-1	-0	-374.8	-1890.2	329.3	-71.6	6.6
33RD	472.50	-10.1	-69.3	2015	2015	-5.0	-34.4	-2	-0	-364.6	-1820.9	305.2	-66.8	6.5
34TH	485.50	-10.5	-69.4	2015	2015	-5.2	-34.4	-2	-0	-354.1	-1751.5	282.0	-62.1	6.4
35TH	498.50	-10.9	-69.5	2015	2015	-5.4	-34.5	-2	-0	-343.2	-1682.0	259.6	-57.6	6.2
36TH	511.50	-11.3	-69.6	2015	2015	-5.6	-34.6	-2	-0	-331.9	-1612.4	238.2	-53.2	6.1
37TH	524.50	-11.7	-69.8	2015	2015	-5.8	-34.6	-2	-0	-320.2	-1542.6	217.7	-48.9	6.0
38TH	537.50	-12.1	-69.9	2015	2015	-6.0	-34.7	-2	-0	-308.2	-1472.7	198.1	-44.9	5.8
39TH	550.50	-12.4	-70.2	2015	2015	-6.1	-34.8	-2	-0	-295.8	-1402.6	179.4	-40.9	5.7
40TH	563.50	-12.6	-70.5	2015	2015	-6.3	-35.0	-2	-0	-283.2	-1332.1	161.7	-37.2	5.5
41ST	576.50	-12.9	-70.9	2015	2015	-6.4	-35.2	-2	-0	-270.3	-1261.2	144.8	-33.6	5.4
42ND	589.50	-13.1	-71.3	2015	2015	-6.5	-35.4	-2	-0	-257.2	-1189.9	128.9	-30.1	5.2
43RD	602.50	-13.4	-71.7	2015	2015	-6.6	-35.6	-2	-0	-243.8	-1118.2	113.9	-26.9	5.0
44TH	615.50	-13.6	-72.0	2015	2015	-6.7	-35.7	-2	-0	-230.2	-1046.2	99.8	-23.8	4.9
45TH	628.50	-13.8	-72.4	2015	2015	-6.9	-35.9	-2	-0	-216.4	-973.8	86.7	-20.9	4.7
46TH	641.50	-14.1	-72.8	2015	2015	-7.0	-36.1	-2	-0	-202.3	-901.0	74.5	-18.2	4.5
47TH	654.50	-14.4	-73.2	2015	2015	-7.1	-36.3	-3	-0	-187.9	-827.8	63.2	-15.6	4.2
		-14.7	-73.7	2015	2015	-7.3	-36.6	-3	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-173.2	-754.1	53.0	-13.3	4.0
		-15.0	-74.1	2015	2015	-7.4	-36.8	-3	-1					
49TH	680.50									-158.3	-680.0	43.6	-11.1	3.6
		-15.3	-74.5	2015	2015	-7.6	-37.0	-4	-1					
50TH	693.50									-143.0	-605.5	35.3	-9.2	3.3
		-15.6	-75.0	2015	2015	-7.7	-37.2	-4	-1					
51ST	706.50									-127.4	-530.5	27.9	-7.4	2.9
		-15.8	-75.4	2015	2015	-7.9	-37.4	-5	-1					
52ND	719.50									-111.6	-455.1	21.5	-5.9	2.4
		-16.1	-75.8	2015	2015	-8.0	-37.6	-5	-1					
53RD	732.50									-95.5	-379.3	16.1	-4.5	1.9
		-16.2	-74.2	2015	2015	-8.1	-36.8	-5	-1					
54TH	745.50									-79.2	-305.1	11.6	-3.4	1.4
		-28.8	-124.8	3565	3565	-8.1	-35.0	-6	-1					
55TH	768.50									-50.4	-180.2	6.0	-1.9	.4
		-20.3	-88.7	3091	3091	-6.6	-28.7	-7	-2					
CTWR	788.50									-30.1	-91.6	3.3	-1.1	-.3
		-30.1	-91.6	4980	4980	-6.0	-18.4	3	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									192.8	-3387.3	1694.1	148.9	-7.5
TERR	16.50	6.3	-8.9	4114	4114	1.5	-2.2	12	-8	186.5	-3378.4	1638.3	145.8	-7.3
MEZZ	29.50	4.1	-20.1	2502	2502	1.6	-8.1	2	-0	182.3	-3358.2	1594.5	143.4	-7.3
1ST	56.50	6.5	-47.1	4185	4185	1.6	-11.3	4	-1	175.8	-3311.1	1504.5	138.6	-7.1
2ND	69.50	3.2	-20.0	2015	2015	1.6	-9.9	2	-0	172.6	-3291.1	1461.6	136.3	-7.0
3RD	82.50	2.8	-20.2	2015	2015	1.4	-10.0	0	-0	169.8	-3270.8	1418.9	134.1	-7.0
4TH	95.50	2.3	-20.4	2015	2015	1.2	-10.1	-2	0	167.5	-3250.4	1376.6	131.9	-7.0
5TH	108.50	1.9	-20.6	2015	2015	.9	-10.2	-4	0	165.6	-3229.8	1334.4	129.7	-7.1
6TH	121.50	1.4	-20.8	2015	2015	.7	-10.3	-5	0	164.2	-3209.1	1292.6	127.6	-7.3
7TH	134.50	1.0	-21.0	2015	2015	.5	-10.4	-7	0	163.2	-3188.1	1251.0	125.5	-7.5
8TH	147.50	.5	-21.1	2015	2015	.3	-10.5	-9	0	162.7	-3167.0	1209.7	123.3	-7.7
9TH	160.50	-.1	-21.6	2015	2015	-.0	-10.7	-10	-0	162.8	-3145.4	1168.7	121.2	-8.0
10TH	173.50	-1.6	-23.7	2015	2015	-.8	-11.8	-8	-1	164.4	-3121.6	1127.9	119.1	-8.2
11TH	186.50	-3.1	-25.9	2015	2015	-1.6	-12.9	-7	-1	167.5	-3095.7	1087.5	116.9	-8.4
12TH	199.50	-4.7	-28.1	2015	2015	-2.3	-13.9	-5	-1	172.2	-3067.6	1047.4	114.7	-8.6
13TH	212.50	-6.2	-30.3	2015	2015	-3.1	-15.0	-4	-1	178.4	-3037.4	1007.8	112.5	-8.8
14TH	225.50	-7.8	-32.4	2015	2015	-3.9	-16.1	-3	-1	186.2	-3004.9	968.5	110.1	-8.9
15TH	238.50	-9.3	-34.6	2015	2015	-4.6	-17.2	-2	-0	195.5	-2970.3	929.7	107.6	-9.0
16TH	251.50	-10.9	-36.8	2015	2015	-5.4	-18.3	-1	-0	206.4	-2933.5	891.3	105.0	-9.0
17TH	264.50	-10.3	-39.0	2015	2015	-5.1	-19.4	0	0	216.6	-2894.5	853.4	102.2	-9.0
18TH	277.50	-9.1	-41.3	2015	2015	-4.5	-20.5	1	0	225.7	-2853.3	816.0	99.4	-9.0
19TH	290.50	-8.0	-43.5	2015	2015	-4.0	-21.6	2	0	233.7	-2809.7	779.2	96.4	-8.8
20TH	303.50	-6.8	-45.8	2015	2015	-3.4	-22.7	3	0	240.6	-2764.0	743.0	93.3	-8.7
21ST	316.50	-5.7	-48.0	2015	2015	-2.8	-23.8	4	0	246.3	-2716.0	707.4	90.1	-8.5
22ND	329.50	-4.6	-50.3	2015	2015	-2.3	-24.9	4	0	250.9	-2665.7	672.4	86.9	-8.2
		-3.4	-52.5	2015	2015	-1.7	-26.1	5	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									254.3	-2613.2	638.1	83.6	-7.8
24TH	355.50	-2.5	-54.6	2015	2015	-1.2	-27.1	5	0	256.7	-2558.6	604.5	80.3	-7.5
25TH	368.50	-1.8	-56.4	2015	2015	-.9	-28.0	5	0	258.5	-2502.2	571.6	76.9	-7.1
26TH	381.50	-1.1	-58.1	2015	2015	-.5	-28.9	4	0	259.6	-2444.1	539.4	73.6	-6.8
27TH	394.50	-.4	-59.9	2015	2015	-.2	-29.7	4	0	260.0	-2384.1	508.0	70.2	-6.5
28TH	407.50	.3	-61.7	2015	2015	.1	-30.6	3	-0	259.7	-2322.5	477.4	66.8	-6.3
29TH	420.50	1.0	-63.5	2015	2015	.5	-31.5	3	-0	258.8	-2259.0	447.7	63.5	-6.1
30TH	433.50	1.6	-65.2	2015	2015	.8	-32.4	2	-0	257.2	-2193.8	418.7	60.1	-5.9
31ST	446.50	2.3	-67.0	2015	2015	1.1	-33.2	2	-0	254.8	-2126.8	390.6	56.8	-5.7
32ND	459.50	2.8	-67.9	2015	2015	1.4	-33.7	2	-0	252.0	-2058.9	363.4	53.5	-5.5
33RD	472.50	3.4	-68.9	2015	2015	1.7	-34.2	2	-0	248.6	-1989.9	337.1	50.2	-5.4
34TH	485.50	3.9	-69.9	2015	2015	1.9	-34.7	1	-0	244.7	-1920.1	311.7	47.0	-5.3
35TH	498.50	4.4	-70.8	2015	2015	2.2	-35.1	1	-0	240.3	-1849.3	287.2	43.9	-5.2
36TH	511.50	5.0	-71.8	2015	2015	2.5	-35.6	1	-0	235.3	-1777.5	263.6	40.8	-5.1
37TH	524.50	5.5	-72.7	2015	2015	2.7	-36.1	1	-0	229.9	-1704.8	241.0	37.7	-5.1
38TH	537.50	6.0	-73.7	2015	2015	3.0	-36.6	0	-0	223.8	-1631.1	219.3	34.8	-5.0
39TH	550.50	6.5	-74.7	2015	2015	3.2	-37.1	0	-0	217.4	-1556.4	198.6	31.9	-5.0
40TH	563.50	6.8	-75.7	2015	2015	3.4	-37.6	1	-0	210.6	-1480.7	178.8	29.1	-4.9
41ST	576.50	7.2	-76.7	2015	2015	3.6	-38.1	1	-0	203.4	-1404.0	160.1	26.5	-4.9
42ND	589.50	7.6	-77.8	2015	2015	3.7	-38.6	1	-0	195.8	-1326.2	142.3	23.9	-4.8
43RD	602.50	7.9	-78.8	2015	2015	3.9	-39.1	1	-0	187.9	-1247.4	125.6	21.4	-4.7
44TH	615.50	8.3	-79.8	2015	2015	4.1	-39.6	1	-0	179.6	-1167.6	109.9	19.0	-4.6
45TH	628.50	8.7	-80.8	2015	2015	4.3	-40.1	1	-0	171.0	-1086.7	95.3	16.7	-4.5
46TH	641.50	9.1	-81.8	2015	2015	4.5	-40.6	1	-0	161.9	-1004.9	81.7	14.5	-4.4
47TH	654.50	10.0	-82.6	2015	2015	4.9	-41.0	2	-0	151.9	-922.3	69.1	12.5	-4.3
		10.8	-83.4	2015	2015	5.4	-41.4	2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									141.1	-838.9	57.7	10.6	-4.1
		11.7	-84.2	2015	2015	5.8	-41.8	2	-0					
49TH	680.50									129.4	-754.7	47.3	8.8	-3.8
		12.6	-85.0	2015	2015	6.2	-42.2	3	-0					
50TH	693.50									116.8	-669.7	38.1	7.2	-3.5
		13.4	-85.8	2015	2015	6.7	-42.6	3	-0					
51ST	706.50									103.4	-583.9	29.9	5.8	-3.2
		14.3	-86.5	2015	2015	7.1	-43.0	3	-1					
52ND	719.50									89.0	-497.4	22.9	4.6	-2.8
		15.2	-87.3	2015	2015	7.5	-43.3	4	-1					
53RD	732.50									73.8	-410.1	17.0	3.5	-2.4
		14.9	-83.9	2015	2015	7.4	-41.6	4	-1					
54TH	745.50									59.0	-326.1	12.2	2.6	-2.0
		24.1	-135.0	3565	3565	6.8	-37.9	4	-1					
55TH	768.50									34.9	-191.1	6.3	1.5	-1.2
		8.9	-96.8	3091	3091	2.9	-31.3	5	-0					
CTWR	788.50									26.0	-94.3	3.4	.9	-.6
		26.0	-94.3	4980	4980	5.2	-18.9	5	-1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42 0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-331.0	-2040.1	1130.2	-87.7	-21.4
TERR	16.50	3.8	-3.1	4114	4114	.9	-.7	12	-15	-334.8	-2037.0	1096.6	-82.2	-21.3
MEZZ	29.50	1.5	-7.6	2502	2502	.6	-3.0	-1	0	-336.3	-2029.4	1070.2	-77.8	-21.3
1ST	56.50	1.6	-17.7	4185	4185	.4	-4.2	-1	0	-337.9	-2011.7	1015.6	-68.7	-21.4
2ND	69.50	.2	-7.1	2015	2015	.1	-3.5	-6	0	-338.2	-2004.7	989.5	-64.3	-21.4
3RD	82.50	-.6	-7.4	2015	2015	-.3	-3.7	-10	-1	-337.5	-1997.3	963.5	-60.0	-21.5
4TH	95.50	-1.5	-7.7	2015	2015	-.8	-3.8	-14	-3	-336.0	-1989.5	937.6	-55.6	-21.7
5TH	108.50	-2.4	-8.1	2015	2015	-1.2	-4.0	-17	-5	-333.6	-1981.5	911.8	-51.2	-21.8
6TH	121.50	-3.3	-8.4	2015	2015	-1.6	-4.2	-19	-8	-330.3	-1973.1	886.0	-46.9	-22.1
7TH	134.50	-4.2	-8.7	2015	2015	-2.1	-4.3	-21	-10	-326.2	-1964.4	860.5	-42.6	-22.4
8TH	147.50	-5.0	-9.0	2015	2015	-2.5	-4.5	-22	-12	-321.1	-1955.4	835.0	-38.4	-22.7
9TH	160.50	-6.0	-9.5	2015	2015	-3.0	-4.7	-22	-14	-315.1	-1945.9	809.6	-34.3	-23.0
10TH	173.50	-7.4	-10.5	2015	2015	-3.7	-5.2	-18	-12	-307.7	-1935.4	784.4	-30.3	-23.4
11TH	186.50	-8.8	-11.5	2015	2015	-4.4	-5.7	-14	-11	-298.9	-1923.9	759.3	-26.3	-23.7
12TH	199.50	-10.2	-12.5	2015	2015	-5.1	-6.2	-12	-10	-288.7	-1911.5	734.4	-22.5	-24.0
13TH	212.50	-11.6	-13.5	2015	2015	-5.8	-6.7	-10	-9	-277.1	-1898.0	709.6	-18.8	-24.3
14TH	225.50	-13.0	-14.5	2015	2015	-6.5	-7.2	-8	-7	-264.0	-1883.4	685.0	-15.3	-24.6
15TH	238.50	-14.5	-15.5	2015	2015	-7.2	-7.7	-7	-7	-249.6	-1867.9	660 6	-12.0	-24.8
16TH	251.50	-15.9	-16.5	2015	2015	-7.9	-8.2	-6	-6	-233.7	-1851.4	636.5	-8.8	-25.1
17TH	264.50	-16.2	-17.7	2015	2015	-8.0	-8.8	-5	-4	-217.5	-1833.7	612.5	-5.9	-25.3
18TH	277.50	-16.2	-18.8	2015	2015	-8.0	-9.3	-3	-3	-201.4	-1814.9	588.8	-3.2	-25.4
19TH	290.50	-16.2	-20.0	2015	2015	-8.0	-9.9	-2	-1	-185.2	-1794.9	565.3	-.6	-25.5
20TH	303.50	-16.2	-21.2	2015	2015	-8.0	-10.5	-0	-0	-169.0	-1773.7	542.1	1.7	-25.5
21ST	316.50	-16.2	-22.3	2015	2015	-8.0	-11.1	1	1	-152.8	-1751.4	519.2	3.7	-25.4
22ND	329.50	-16.2	-23.5	2015	2015	-8.1	-11.7	2	2	-136.5	-1727.8	496.6	5.6	-25.3
		-16.2	-24.7	2015	2015	-8.1	-12.3	3	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42 0 PSF GUST FACTOR 1 32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-120 3	-1703.2	474 3	7.3	-25.2
24TH	355.50	-16.1	-25.7	2015	2015	-8.0	-12.8	4	3	-104 2	-1677.4	452 3	8.8	-25.0
25TH	368.50	-15.8	-26.6	2015	2015	-7.8	-13.2	5	3	-88.4	-1650.8	430 7	10.0	-24.8
26TH	381.50	-15.4	-27.4	2015	2015	-7.6	-13.6	5	3	-73.0	-1623.4	409 4	11.1	-24.5
27TH	394.50	-15.0	-28.2	2015	2015	-7.5	-14.0	6	3	-58.0	-1595.2	388 5	11.9	-24.3
28TH	407.50	-14.7	-29.1	2015	2015	-7.3	-14.4	6	3	-43.3	-1566.1	368.0	12.6	-24.0
29TH	420.50	-14.3	-29.9	2015	2015	-7.1	-14.8	7	3	-29.0	-1536.2	347 8	13.0	-23.7
30TH	433.50	-13.9	-30.7	2015	2015	-6.9	-15.2	7	3	-15.1	-1505.5	328.0	13.3	-23.3
31ST	446.50	-13.6	-31.5	2015	2015	-6.7	-15.7	8	3	-1 5	-1474.0	308.7	13.4	-23.0
32ND	459.50	-12.1	-32.7	2015	2015	-6.0	-16.2	8	3	10.6	-1441.3	289.7	13.4	-22.6
33RD	472.50	-10.7	-33.8	2015	2015	-5.3	-16.8	9	3	21 3	-1407.6	271 2	13.2	-22.2
34TH	485.50	-9.2	-34.9	2015	2015	-4.6	-17.3	10	3	30.5	-1372.7	253.1	12.8	-21.7
35TH	498.50	-7.8	-36.0	2015	2015	-3.9	-17.8	10	2	38.3	-1336.8	235.5	12.4	-21.2
36TH	511.50	-6.3	-37.1	2015	2015	-3.1	-18.4	11	2	44.6	-1299.7	218.4	11.8	-20.7
37TH	524.50	-4.9	-38.2	2015	2015	-2.4	-18.9	12	1	49.5	-1261.5	201 7	11.2	-20.1
38TH	537.50	-3.4	-39.3	2015	2015	-1.7	-19.5	12	1	53.0	-1222.3	185 6	10.6	-19.5
39TH	550.50	-2.4	-40.6	2015	2015	-1.2	-20.1	12	1	55.4	-1181.7	169.9	9.9	-18.9
40TH	563.50	-1.6	-42.1	2015	2015	- 8	-20.9	13	0	57.0	-1139.6	154 9	9.1	-18.3
41ST	576.50	- 8	-43.5	2015	2015	-.4	-21.6	13	0	57 8	-1096.1	140 3	8.4	-17.6
42ND	589.50	-.0	-45.0	2015	2015	- 0	-22.3	13	0	57.8	-1051.1	126.4	7.6	-16.8
43RD	602.50	.8	-46.5	2015	2015	.4	-23.1	13	-0	57.0	-1004.6	113.0	6.9	-16.1
44TH	615.50	1.5	-47.9	2015	2015	.8	-23.8	13	-0	55 5	-956.7	100 3	6.2	-15.3
45TH	628.50	2.3	-49.4	2015	2015	1.2	-24.5	13	-1	53 2	-907.3	88.1	5.4	-14.4
46TH	641.50	3.0	-51.1	2015	2015	1.5	-25.4	14	-1	50.1	-856.2	76 7	4.8	-13.6
47TH	654.50	3.3	-54.1	2015	2015	1.6	-26.9	14	-1	46 8	-802.1	65 9	4.1	-12.7
		3.5	-57.1	2015	2015	1.8	-28.4	14	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									43.3	-744.9	55.8	3.6	-11.7
		3.8	-60.2	2015	2015	1.9	-29.9	14	-1					
49TH	680.50									39.5	-684.7	46.6	3.0	-10.7
		4.1	-63.2	2015	2015	2.0	-31.4	14	-1					
50TH	693.50									35.4	-621.5	38.1	2.5	-9.6
		4.3	-66.2	2015	2015	2.1	-32.9	14	-1					
51ST	706.50									31.1	-555.3	30.4	2.1	-8.4
		4.6	-69.3	2015	2015	2.3	-34.4	14	-1					
52ND	719.50									26.6	-486.0	23.6	1.7	-7.3
		4.8	-72.3	2015	2015	2.4	-35.9	14	-1					
53RD	732.50									21.7	-413.7	17.8	1.4	-6.0
		4.3	-74.3	2015	2015	2.1	-36.9	13	-1					
54TH	745.50									17.5	-339.4	12.9	1.2	-4.8
		5.3	-135.1	3565	3565	1.5	-37.9	13	-1					
55TH	768.50									12.2	-204.4	6.6	.8	-2.6
		-2.9	-104.9	3091	3091	-.9	-33.9	12	0					
CTWR	788.50									15.1	-99.4	3.6	.5	-1.0
		15.1	-99.4	4980	4980	3.0	-20.0	8	-1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-430.1	-1532.9	938.8	-255.0	-18.5
TERR	16.50	3.2	-2.2	4114	4114	.8	-.5	-16	23	-433.3	-1530.8	913.5	-247.9	-18.6
MEZZ	29.50	.9	-2.6	2502	2502	.4	-1.0	-6	2	-434.2	-1528.1	893.6	-242.3	-18.7
1ST	56.50	1.4	-5.5	4185	4185	.3	-1.3	-6	2	-435.7	-1522.6	852.4	-230.5	-18.7
2ND	69.50	.5	-1.6	2015	2015	.3	-.8	-25	8	-436.2	-1521.0	832.6	-224.9	-18.8
3RD	82.50	.3	-1.6	2015	2015	.1	-.8	-41	7	-436.5	-1519.5	812.9	-219.2	-18.9
4TH	95.50	-.0	-1.5	2015	2015	-.0	-.8	-57	-1	-436.4	-1517.9	793.1	-213.5	-19.0
5TH	108.50	-.3	-1.5	2015	2015	-.2	-.7	-71	-15	-436.1	-1516.5	773.4	-207.8	-19.1
6TH	121.50	-.6	-1.4	2015	2015	-.3	-.7	-78	-33	-435.5	-1515.1	753.7	-202.2	-19.3
7TH	134.50	-.9	-1.4	2015	2015	-.4	-.7	-79	-50	-434.7	-1513.7	734.0	-196.5	-19.4
8TH	147.50	-1.2	-1.3	2015	2015	-.6	-.6	-74	-65	-433.5	-1512.4	714.4	-190.9	-19.7
9TH	160.50	-1.5	-1.3	2015	2015	-.7	-.7	-63	-71	-432.0	-1511.1	694.7	-185.2	-19.9
10TH	173.50	-2.1	-1.8	2015	2015	-1.1	-.9	-41	-48	-429.9	-1509.3	675.1	-179.6	-20.1
11TH	186.50	-2.8	-2.3	2015	2015	-1.4	-1.1	-29	-36	-427.1	-1507.0	655.5	-174.1	-20.3
12TH	199.50	-3.4	-2.8	2015	2015	-1.7	-1.4	-22	-27	-423.7	-1504.2	635.9	-168.5	-20.5
13TH	212.50	-4.1	-3.2	2015	2015	-2.0	-1.6	-17	-22	-419.6	-1501.0	616.4	-163.1	-20.7
14TH	225.50	-4.7	-3.7	2015	2015	-2.4	-1.8	-14	-17	-414.9	-1497.3	596.9	-157.6	-20.9
15TH	238.50	-5.4	-4.2	2015	2015	-2.7	-2.1	-11	-14	-409.5	-1493.1	577.4	-152.3	-21.0
16TH	251.50	-6.0	-4.7	2015	2015	-3.0	-2.3	-9	-11	-403.4	-1488.4	558.0	-147.0	-21.1
17TH	264.50	-6.0	-5.6	2015	2015	-3.0	-2.8	-7	-7	-397.4	-1482.7	538.7	-141.8	-21.2
18TH	277.50	-5.8	-6.7	2015	2015	-2.9	-3.3	-4	-3	-391.6	-1476.0	519.5	-136.7	-21.3
19TH	290.50	-5.6	-7.8	2015	2015	-2.8	-3.9	-1	-1	-386.0	-1468.3	500.4	-131.6	-21.3
20TH	303.50	-5.4	-8.8	2015	2015	-2.7	-4.4	2	1	-380.6	-1459.4	481.3	-126.6	-21.3
21ST	316.50	-5.2	-9.9	2015	2015	-2.6	-4.9	4	2	-375.4	-1449.6	462.4	-121.7	-21.2
22ND	329.50	-5.0	-11.0	2015	2015	-2.5	-5.4	7	3	-370.4	-1438.6	443.7	-116.9	-21.1
		-4.8	-12.0	2015	2015	-2.4	-6.0	9	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-365.6	-1426.6	425.0	-112.1	-21.0
24TH	355.50	-4.6	-13.2	2015	2015	-2.3	-6.6	10	4	-361.0	-1413.3	406.6	-107.4	-20.8
25TH	368.50	-4.6	-14.7	2015	2015	-2.3	-7.3	12	4	-356.4	-1398.7	388.3	-102.7	-20.5
26TH	381.50	-4.6	-16.1	2015	2015	-2.3	-8.0	13	4	-351.8	-1382.6	370.2	-98.1	-20.3
27TH	394.50	-4.5	-17.5	2015	2015	-2.3	-8.7	13	3	-347.2	-1365.1	352.4	-93.5	-20.0
28TH	407.50	-4.5	-19.0	2015	2015	-2.2	-9.4	14	3	-342.7	-1346.1	334.7	-89.1	-19.6
29TH	420.50	-4.5	-20.4	2015	2015	-2.2	-10.1	15	3	-338.3	-1325.7	317.4	-84.6	-19.2
30TH	433.50	-4.4	-21.8	2015	2015	-2.2	-10.8	15	3	-333.8	-1303.9	300.3	-80.3	-18.8
31ST	446.50	-4.4	-23.3	2015	2015	-2.2	-11.5	15	3	-329.4	-1280.7	283.5	-76.0	-18.3
32ND	459.50	-4.7	-24.1	2015	2015	-2.3	-12.0	15	3	-324.7	-1256.5	267.0	-71.7	-17.9
33RD	472.50	-5.0	-25.0	2015	2015	-2.5	-12.4	15	3	-319.7	-1231.6	250.8	-67.5	-17.4
34TH	485.50	-5.3	-25.8	2015	2015	-2.6	-12.8	14	3	-314.4	-1205.8	235.0	-63.4	-16.9
35TH	498.50	-5.6	-26.6	2015	2015	-2.8	-13.2	14	3	-308.9	-1179.2	219.5	-59.3	-16.4
36TH	511.50	-5.9	-27.5	2015	2015	-2.9	-13.6	14	3	-303.0	-1151.7	204.3	-55.4	-15.9
37TH	524.50	-6.2	-28.3	2015	2015	-3.1	-14.1	13	3	-296.9	-1123.3	189.5	-51.5	-15.4
38TH	537.50	-6.4	-29.2	2015	2015	-3.2	-14.5	13	3	-290.4	-1094.2	175.1	-47.6	-15.0
39TH	550.50	-6.9	-30.5	2015	2015	-3.4	-15.1	13	3	-283.5	-1063.7	161.1	-43.9	-14.4
40TH	563.50	-7.6	-32.1	2015	2015	-3.8	-15.9	13	3	-275.9	-1031.6	147.5	-40.3	-13.9
41ST	576.50	-8.2	-33.8	2015	2015	-4.1	-16.8	13	3	-267.7	-997.8	134.3	-36.7	-13.3
42ND	589.50	-8.8	-35.4	2015	2015	-4.4	-17.6	13	3	-258.9	-962.4	121.5	-33.3	-12.7
43RD	602.50	-9.5	-37.0	2015	2015	-4.7	-18.4	13	3	-249.4	-925.4	109.3	-30.0	-12.0
44TH	615.50	-10.1	-38.7	2015	2015	-5.0	-19.2	13	3	-239.3	-886.7	97.5	-26.8	-11.3
45TH	628.50	-10.7	-40.3	2015	2015	-5.3	-20.0	13	4	-228.6	-846.4	86.2	-23.8	-10.6
46TH	641.50	-11.4	-42.2	2015	2015	-5.7	-20.9	13	4	-217.2	-804.2	75.5	-20.9	-9.9
47TH	654.50	-12.2	-45.5	2015	2015	-6.1	-22.6	13	3	-205.0	-758.7	65.3	-18.2	-9.1
		-13.1	-48.8	2015	2015	-6.5	-24.2	12	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-191.9	-709.9	55.8	-15.6	-8.4
49TH	680.50	-13.9	-52.1	2015	2015	-6.9	-25.9	11	3	-178.0	-657.8	46.9	-13.2	-7.6
50TH	693.50	-14.8	-55.4	2015	2015	-7.3	-27.5	11	3	-163.2	-602.3	38.7	-11.0	-6.8
51ST	706.50	-15.6	-58.8	2015	2015	-7.7	-29.2	11	3	-147.6	-543.6	31.3	-8.9	-5.9
52ND	719.50	-16.4	-62.1	2015	2015	-8.2	-30.8	10	3	-131.1	-481.5	24.6	-7.1	-5.1
53RD	732.50	-17.3	-65.4	2015	2015	-8.6	-32.4	10	3	-113.8	-416.1	18.8	-5.5	-4.2
54TH	745.50	-18.0	-68.7	2015	2015	-8.9	-34.1	9	2	-95.9	-347.4	13.8	-4.2	-3.4
55TH	768.50	-33.4	-130.0	3565	3565	-9.4	-36.5	9	2	-62.5	-217.4	7.3	-2.4	-1.8
CTWR	788.50	-25.1	-106.6	3091	3091	-8.1	-34.5	8	2	-37.4	-110.8	4.0	-1.4	-.7
TOP	861.00	-37.4	-110.8	4980	4980	-7.5	-22.2	5	2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-1164.3	-1536.5	954.5	-667.4	-7.8
TERR	16.50	7.3	7.9	4114	4114	1.8	1.9	-9	-9	-1171.6	-1544.4	929.1	-648.1	-7.6
MEZZ	29.50	1.0	.2	2502	2502	.4	.1	-20	-109	-1172.6	-1544.6	909.0	-632.9	-7.5
1ST	56.50	2.5	-.4	4185	4185	.6	-.1	6	-37	-1175.1	-1544.2	867.3	-601.2	-7.4
2ND	69.50	2.2	.9	2015	2015	1.1	.4	-6	-15	-1177.3	-1545.1	847.2	-585.9	-7.3
3RD	82.50	1.9	.6	2015	2015	.9	.3	-5	-14	-1179.1	-1545.7	827.2	-570.6	-7.3
4TH	95.50	1.6	.4	2015	2015	.8	.2	-3	-14	-1180.7	-1546.1	807.1	-555.2	-7.2
5TH	108.50	1.3	.1	2015	2015	.6	.1	-1	-12	-1181.9	-1546.2	787.0	-539.9	-7.2
6TH	121.50	1.0	-.2	2015	2015	.5	-.1	1	-9	-1182.9	-1546.0	766.9	-524.5	-7.2
7TH	134.50	.6	-.4	2015	2015	.3	-.2	1	-1	-1183.5	-1545.6	746.8	-509.1	-7.2
8TH	147.50	.3	-.7	2015	2015	.2	-.3	-7	3	-1183.9	-1544.9	726.7	-493.7	-7.2
9TH	160.50	-.1	-1.0	2015	2015	-.1	-.5	-15	-2	-1183.8	-1543.9	706.6	-478.3	-7.2
10TH	173.50	-1.7	-1.9	2015	2015	-.8	-1.0	-13	-11	-1182.1	-1541.9	686.5	-463.0	-7.3
11TH	186.50	-3.2	-2.8	2015	2015	-1.6	-1.4	-11	-12	-1178.9	-1539.1	666.5	-447.6	-7.4
12TH	199.50	-4.7	-3.7	2015	2015	-2.3	-1.9	-10	-13	-1174.2	-1535.3	646.5	-432.3	-7.5
13TH	212.50	-6.2	-4.7	2015	2015	-3.1	-2.3	-10	-13	-1168.0	-1530.7	626.6	-417.1	-7.7
14TH	225.50	-7.8	-5.6	2015	2015	-3.9	-2.8	-9	-13	-1160.2	-1525.1	606.7	-402.0	-7.9
15TH	238.50	-9.3	-6.5	2015	2015	-4.6	-3.2	-9	-13	-1150.9	-1518.7	587.0	-386.9	-8.1
16TH	251.50	-10.8	-7.4	2015	2015	-5.4	-3.7	-9	-13	-1140.0	-1511.3	567.3	-372.1	-8.4
17TH	264.50	-12.5	-8.5	2015	2015	-6.2	-4.2	-8	-11	-1127.5	-1502.8	547.7	-357.3	-8.6
18TH	277.50	-14.2	-9.7	2015	2015	-7.0	-4.8	-6	-9	-1113.4	-1493.1	528.2	-342.7	-8.8
19TH	290.50	-15.8	-10.9	2015	2015	-7.8	-5.4	-5	-7	-1097.6	-1482.2	508.9	-328.4	-9.0
20TH	303.50	-17.5	-12.1	2015	2015	-8.7	-6.0	-4	-6	-1080.1	-1470.1	489.7	-314.2	-9.2
21ST	316.50	-19.1	-13.3	2015	2015	-9.5	-6.6	-3	-5	-1060.9	-1456.8	470.6	-300.3	-9.4
22ND	329.50	-20.8	-14.5	2015	2015	-10.3	-7.2	-3	-4	-1040.1	-1442.2	451.8	-286.7	-9.6
		-22.5	-15.7	2015	2015	-11.2	-7.8	-2	-3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-1017.6	-1426.5	433.1	-273.3	-9.7
24TH	355.50	-23.5	-16.7	2015	2015	-11.7	-8.3	-2	-2	-994.1	-1409.8	414.7	-260.2	-9.8
25TH	368.50	-23.4	-17.2	2015	2015	-11.6	-8.5	-1	-1	-970.7	-1392.6	396.5	-247.4	-9.9
26TH	381.50	-23.3	-17.7	2015	2015	-11.6	-8.8	-0	-1	-947.4	-1374.9	378.5	-235.0	-9.9
27TH	394.50	-23.2	-18.2	2015	2015	-11.5	-9.0	0	0	-924.2	-1356.7	360.8	-222.8	-9.9
28TH	407.50	-23.1	-18.7	2015	2015	-11.4	-9.3	1	1	-901.1	-1338.0	343.2	-210.9	-9.8
29TH	420.50	-22.9	-19.2	2015	2015	-11.4	-9.5	1	2	-878.2	-1318.8	326.0	-199.4	-9.8
30TH	433.50	-22.8	-19.7	2015	2015	-11.3	-9.8	2	2	-855.4	-1299.1	308.9	-188.1	-9.6
31ST	446.50	-22.7	-20.2	2015	2015	-11.3	-10.0	3	3	-832.7	-1278.9	292.2	-177.1	-9.5
32ND	459.50	-22.4	-20.8	2015	2015	-11.1	-10.3	3	3	-810.3	-1258.1	275.7	-166.4	-9.3
33RD	472.50	-22.1	-21.4	2015	2015	-11.0	-10.6	3	4	-788.2	-1236.7	259.5	-156.1	-9.1
34TH	485.50	-21.9	-22.0	2015	2015	-10.8	-10.9	4	4	-766.3	-1214.6	243.6	-145.9	-8.9
35TH	498.50	-21.6	-22.6	2015	2015	-10.7	-11.2	4	4	-744.7	-1192.0	227.9	-136.1	-8.7
36TH	511.50	-21.3	-23.2	2015	2015	-10.6	-11.5	4	4	-723.4	-1168.8	212.6	-126.6	-8.5
37TH	524.50	-21.0	-23.8	2015	2015	-10.4	-11.8	5	4	-702.4	-1144.9	197.5	-117.3	-8.2
38TH	537.50	-20.8	-24.4	2015	2015	-10.3	-12.1	5	4	-681.6	-1120.5	182.8	-108.3	-8.0
39TH	550.50	-21.1	-26.1	2015	2015	-10.5	-13.0	5	4	-660.5	-1094.4	168.4	-99.6	-7.7
40TH	563.50	-21.8	-28.6	2015	2015	-10.8	-14.2	5	4	-638.8	-1065.8	154.4	-91.2	-7.4
41ST	576.50	-22.5	-31.1	2015	2015	-11.2	-15.4	5	4	-616.3	-1034.7	140.7	-83.0	-7.1
42ND	589.50	-23.2	-33.6	2015	2015	-11.5	-16.7	5	4	-593.0	-1001.1	127.5	-75.1	-6.8
43RD	602.50	-23.9	-36.1	2015	2015	-11.9	-17.9	5	3	-569.1	-965.0	114.7	-67.6	-6.4
44TH	615.50	-24.7	-38.6	2015	2015	-12.2	-19.1	5	3	-544.5	-926.4	102.4	-60.3	-6.1
45TH	628.50	-25.4	-41.1	2015	2015	-12.6	-20.4	5	3	-519.1	-885.4	90.6	-53.4	-5.7
46TH	641.50	-26.2	-43.7	2015	2015	-13.0	-21.7	5	3	-492.8	-841.7	79.4	-46.9	-5.4
47TH	654.50	-28.1	-47.2	2015	2015	-13.9	-23.4	5	3	-464.7	-794.5	68.8	-40.6	-5.0
		-30.0	-50.7	2015	2015	-14.9	-25.1	5	3					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-434.8	-743.8	58.8	-34.8	-4.5
		-31.8	-54.2	2015	2015	-15.8	-26.9	5	3					
49TH	680.50									-403.0	-689.7	49.4	-29.3	-4.1
		-33.7	-57.7	2015	2015	-16.7	-28.6	5	3					
50TH	693.50									-369.3	-632.0	40.9	-24.3	-3.7
		-35.5	-61.2	2015	2015	-17.6	-30.4	5	3					
51ST	706.50									-333.8	-570.9	33.0	-19.7	-3.2
		-37.4	-64.7	2015	2015	-18.6	-32.1	5	3					
52ND	719.50									-296.4	-506.2	26.0	-15.6	-2.7
		-39.2	-68.1	2015	2015	-19.5	-33.8	4	3					
53RD	732.50									-257.1	-438.1	19.9	-12.1	-2.2
		-41.4	-71.6	2015	2015	-20.6	-35.5	4	2					
54TH	745.50									-215.7	-366.5	14.7	-9.0	-1.7
		-79.0	-134.8	3565	3565	-22.2	-37.8	3	2					
55TH	768.50									-136.7	-231.7	7.8	-4.9	-1.0
		-59.7	-113.3	3091	3091	-19.3	-36.6	3	2					
CTWR	788.50									-76.9	-118.4	4.3	-2.8	-.4
		-76.9	-118.4	4980	4980	-15.4	-23.8	2	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) 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									-935.5	-1535.5	914.9	-542.3	-17.2
TERR	16.50	3.4	2.4	4114	4114	.8	.6	-31	-43	-938.9	-1537.9	889.5	-526.9	-16.9
MEZZ	29.50	1.2	-2.7	2502	2502	.5	-1.1	13	-6	-940.1	-1535.2	869.6	-514.6	-16.9
1ST	56.50	2.1	-6.4	4185	4185	.5	-1.5	13	-4	-942.2	-1528.9	828.2	-489.2	-16.7
2ND	69.50	1.3	-2.5	2015	2015	.6	-1.2	17	-9	-943.5	-1526.4	808.3	-477.0	-16.7
3RD	82.50	1.2	-2.1	2015	2015	.6	-1.0	17	-10	-944.7	-1524.3	788.5	-464.7	-16.6
4TH	95.50	1.0	-1.7	2015	2015	.5	-.8	19	-11	-945.7	-1522.7	768.7	-452.4	-16.6
5TH	108.50	.9	-1.3	2015	2015	.5	-.6	20	-14	-946.6	-1521.4	748.9	-440.1	-16.5
6TH	121.50	.8	-.9	2015	2015	.4	-.5	22	-19	-947.4	-1520.4	729.2	-427.8	-16.5
7TH	134.50	.7	-.5	2015	2015	.3	-.3	23	-28	-948.0	-1519.9	709.4	-415.5	-16.4
8TH	147.50	.5	-.1	2015	2015	.3	-.1	13	-47	-948.6	-1519.8	689.6	-403.2	-16.4
9TH	160.50	.2	.1	2015	2015	.1	.0	-18	-76	-948.8	-1519.8	669.9	-390.8	-16.4
10TH	173.50	-1.1	-1.0	2015	2015	-.5	-.5	-2	-2	-947.7	-1518.8	650.1	-378.5	-16.4
11TH	186.50	-2.4	-2.0	2015	2015	-1.2	-1.0	-5	-6	-945.3	-1516.8	630.4	-366.2	-16.4
12TH	199.50	-3.8	-3.1	2015	2015	-1.9	-1.5	-7	-8	-941.5	-1513.7	610.7	-353.9	-16.5
13TH	212.50	-5.1	-4.2	2015	2015	-2.5	-2.1	-7	-9	-936.4	-1509.5	591.0	-341.7	-16.6
14TH	225.50	-6.4	-5.2	2015	2015	-3.2	-2.6	-7	-9	-930.0	-1504.3	571.5	-329.6	-16.7
15TH	238.50	-7.8	-6.3	2015	2015	-3.9	-3.1	-8	-9	-922.3	-1498.0	551.9	-317.5	-16.8
16TH	251.50	-9.1	-7.3	2015	2015	-4.5	-3.6	-8	-10	-913.2	-1490.7	532.5	-305.6	-17.0
17TH	264.50	-10.6	-8.6	2015	2015	-5.3	-4.3	-6	-7	-902.5	-1482.1	513.2	-293.8	-17.2
18TH	277.50	-12.2	-10.0	2015	2015	-6.0	-5.0	-4	-5	-890.4	-1472.0	494.0	-282.2	-17.3
19TH	290.50	-13.7	-11.4	2015	2015	-6.8	-5.7	-2	-3	-876.7	-1460.6	474.9	-270.7	-17.4
20TH	303.50	-15.3	-12.8	2015	2015	-7.6	-6.4	-1	-2	-861.4	-1447.7	456.0	-259.4	-17.4
21ST	316.50	-16.8	-14.2	2015	2015	-8.4	-7.1	-0	-0	-844.6	-1433.5	437.3	-248.3	-17.4
22ND	329.50	-18.4	-15.6	2015	2015	-9.1	-7.8	0	1	-826.2	-1417.9	418.8	-237.4	-17.4
		-19.9	-17.0	2015	2015	-9.9	-8.5	1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIPECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
23RD	342.50									-806.2	-1400.8	400.4	-226.8	-17.4
24TH	355.50	-20.9	-18.3	2015	2015	-10.4	-9.1	2	2	-785.3	-1382.5	382.3	-216.5	-17.3
25TH	368.50	-20.6	-19.3	2015	2015	-10.2	-9.6	3	3	-764.7	-1363.2	364.5	-206.4	-17.1
26TH	381.50	-20.3	-20.3	2015	2015	-10.1	-10.1	4	4	-744.4	-1342.9	346.9	-196.6	-16.9
27TH	394.50	-20.1	-21.3	2015	2015	-10.0	-10.6	5	5	-724.3	-1321.6	329.6	-187.0	-16.6
28TH	407.50	-19.8	-22.3	2015	2015	-9.8	-11.1	6	6	-704.5	-1299.3	312.6	-177.8	-16.3
29TH	420.50	-19.5	-23.3	2015	2015	-9.7	-11.6	8	6	-685.0	-1276.0	295.8	-168.7	-15.9
30TH	433.50	-19.2	-24.3	2015	2015	-9.5	-12.1	9	7	-665.8	-1251.7	279.4	-159.9	-15.5
31ST	446.50	-19.0	-25.3	2015	2015	-9.4	-12.6	10	7	-646.8	-1226.3	263.3	-151.4	-15.0
32ND	459.50	-18.1	-26.1	2015	2015	-9.0	-13.0	11	7	-628.8	-1200.2	247.5	-143.1	-14.5
33RD	472.50	-17.2	-27.0	2015	2015	-8.5	-13.4	11	7	-611.6	-1173.2	232.1	-135.1	-13.9
34TH	485.50	-16.3	-27.8	2015	2015	-8.1	-13.8	12	7	-595.3	-1145.5	217.0	-127.2	-13.4
35TH	498.50	-15.4	-28.6	2015	2015	-7.6	-14.2	13	7	-579.9	-1116.9	202.3	-119.6	-12.8
36TH	511.50	-14.5	-29.4	2015	2015	-7.2	-14.6	13	7	-565.4	-1087.5	188.0	-112.1	-12.2
37TH	524.50	-13.6	-30.2	2015	2015	-6.7	-15.0	14	6	-551.8	-1057.3	174.0	-104.9	-11.5
38TH	537.50	-12.7	-31.0	2015	2015	-6.3	-15.4	15	6	-539.1	-1026.3	160.5	-97.8	-10.9
39TH	550.50	-12.5	-32.2	2015	2015	-6.2	-16.0	15	6	-526.7	-994.1	147.4	-90.8	-10.2
40TH	563.50	-12.7	-33.5	2015	2015	-6.3	-16.6	14	5	-513.9	-960.6	134.6	-84.1	-9.5
41ST	576.50	-13.0	-34.9	2015	2015	-6.4	-17.3	14	5	-501.0	-925.7	122.4	-77.5	-8.8
42ND	589.50	-13.3	-36.3	2015	2015	-6.6	-18.0	14	5	-487.7	-889.4	110.6	-71.1	-8.1
43RD	602.50	-13.5	-37.7	2015	2015	-6.7	-18.7	13	5	-474.2	-851.7	99.3	-64.8	-7.4
44TH	615.50	-13.8	-39.1	2015	2015	-6.8	-19.4	13	5	-460.4	-812.7	88.5	-58.7	-6.7
45TH	628.50	-14.0	-40.4	2015	2015	-7.0	-20.1	13	4	-446.4	-772.2	78.2	-52.8	-6.0
46TH	641.50	-14.5	-41.9	2015	2015	-7.2	-20.8	12	4	-431.8	-730.3	68.4	-47.1	-5.3
47TH	654.50	-16.7	-44.3	2015	2015	-8.3	-22.0	11	4	-415.1	-686.0	59.2	-41.6	-4.6
		-18.8	-46.7	2015	2015	-9.3	-23.2	9	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : HOUSTON CENTER FOUR, HOUSTON
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 42.0 PSF GUST FACTOR 1.32
ECCENTRICITIES BASED ON 125 FT IN THE X DIRECTION AND 125 FT IN THE Y DIRECTION

FLOOR	HEIGHT	FORCE (KIPS) X	FORCE (KIPS) Y	AREA (SQ FT) X	AREA (SQ FT) Y	PRESSURE (PSF) X	PRESSURE (PSF) Y	ECCEN (%) X	ECCEN (%) Y	SHEAR (KIPS) X	SHEAR (KIPS) Y	MOMENT (1000-FT-KIPS) X	MOMENT (1000-FT-KIPS) Y	MOMENT (1000-FT-KIPS) Z
48TH	667.50									-396.3	-639.3	50.6	-36.3	-4.0
		-21.0	-49.0	2015	2015	-10.4	-24.3	8	3					
49TH	680.50									-375.3	-590.3	42.6	-31.3	-3.4
		-23.1	-51.4	2015	2015	-11.5	-25.5	7	3					
50TH	693.50									-352.2	-539.0	35.2	-26.6	-2.9
		-25.3	-53.7	2015	2015	-12.5	-26.7	6	3					
51ST	706.50									-327.0	-485.3	28.6	-22.2	-2.4
		-27.4	-56.1	2015	2015	-13.6	-27.8	5	3					
52ND	719.50									-299.6	-429.2	22.6	-18.1	-2.0
		-29.5	-58.4	2015	2015	-14.7	-29.0	4	2					
53RD	732.50									-270.0	-370.8	17.4	-14.4	-1.6
		-32.8	-60.3	2015	2015	-16.3	-29.9	4	2					
54TH	745.50									-237.2	-310.5	13.0	-11.1	-1.2
		-67.4	-110.5	3565	3565	-18.9	-31.0	3	2					
55TH	768.50									-169.9	-200.0	7.1	-6.4	-.7
		-67.5	-89.0	3091	3091	-21.8	-28.8	3	2					
CTWR	788.50									-102.4	-111.0	4.0	-3.7	-.2
		-102.4	-111.0	4980	4980	-20.6	-22.3	1	1					
TOP	861.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. HOUSTON CENTER FOUR, HOUSTON
PROJECT 7780 CONFIGURATION A
SCALE = 400 REF. PRESSURE = 42.0
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 13.00
NUMBER OF SIDES = 4 NO. OF FLOORS = 59

SIDE	ANGLE	Z-AXIS
1	0.0	3.740
2	90.0	3.740
3	180.0	3.740
4	270.0	3.740

FLOOR #	LABEL	HEIGHT-FT
1	GRND	16.50
2	TERR	13.00
3	MEZZ	27.00
4	1ST	13.00
5	2ND	13.00
6	3RD	13.00
7	4TH	13.00
8	5TH	13.00
9	6TH	13.00
10	7TH	13.00
11	8TH	13.00
12	9TH	13.00
13	10TH	13.00
14	11TH	13.00
15	12TH	13.00
16	13TH	13.00
17	14TH	13.00
18	15TH	13.00
19	16TH	13.00
20	17TH	13.00
21	18TH	13.00
22	19TH	13.00
23	20TH	13.00
24	21ST	13.00
25	22ND	13.00
26	23RD	13.00
27	24TH	13.00
28	25TH	13.00
29	26TH	13.00
30	27TH	13.00
31	28TH	13.00
32	29TH	13.00
33	30TH	13.00
34	31ST	13.00
35	32ND	13.00
36	33RD	13.00
37	34TH	13.00
38	35TH	13.00
39	36TH	13.00
40	37TH	13.00
41	38TH	13.00
42	39TH	13.00
43	40TH	13.00
44	41ST	13.00
45	42ND	13.00
46	43RD	13.00
47	44TH	13.00
48	45TH	13.00
49	46TH	13.00
50	47TH	13.00
51	48TH	13.00
52	49TH	13.00
53	50TH	13.00
54	51ST	13.00
55	52ND	13.00
56	53RD	13.00
57	54TH	23.00
58	55TH	20.00
59	CTWR	72.50

APPENDIX A

PRESSURE DATA

Note: Pressure coefficients are defined in Section 4.3.

Pressure tap designation is explained in Figure 3.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	-.145	.166	.322	-1.333	0	151	-.206	.100	.146	-.912	0	208	-.325	.122	.170	-1.172
0	102	-.141	.159	.461	-1.225	0	152	-.212	.101	.038	-.907	0	209	-.372	.155	.043	-1.156
0	103	.093	.254	.834	-.805	0	153	-.188	.107	.400	-.635	0	210	-.397	.157	.059	-1.091
0	104	.124	.309	.828	-1.180	0	154	-.171	.105	.480	-.546	0	211	-.473	.230	.197	-1.753
0	105	-.159	.191	.554	-1.396	0	155	-.163	.102	.433	-.890	0	212	-.284	.114	-.001	-.885
0	106	.124	.346	.976	-1.504	0	156	-.180	.081	.240	-.497	0	213	-.304	.118	.130	-.957
0	107	-.159	.236	.819	-1.777	0	157	-.192	.077	.043	-.816	0	214	-.366	.158	.017	-1.106
0	108	.035	.270	.799	-1.564	0	158	-.200	.079	-.004	-.839	0	215	-.358	.160	.048	-1.740
0	109	.105	.300	1.108	-1.222	0	159	-.186	.112	.317	-1.042	0	216	-.264	.091	-.029	-.708
0	110	.138	.324	.993	-1.008	0	160	-.156	.114	.403	-.886	0	217	-.315	.115	.041	-.810
0	111	.106	.354	1.072	-1.294	0	161	-.146	.113	.407	-.504	0	218	-.410	.163	.101	-1.379
0	112	-.105	.228	.780	-1.007	0	162	-.162	.092	.275	-.534	0	219	-.290	.117	.026	-1.054
0	113	-.070	.383	1.165	-1.732	0	163	-.180	.075	.123	-.636	0	220	-.279	.108	.054	-.940
0	114	.058	.317	.936	-1.085	0	164	-.183	.064	.064	-.675	0	221	-.277	.114	.071	-.866
0	115	.066	.402	1.164	-1.872	0	165	-.194	.080	.078	-.875	0	222	-.320	.140	.035	-1.159
0	116	-.134	.191	.612	-.855	0	166	-.135	.109	.349	-.703	0	223	-.366	.145	.029	-1.030
0	117	.009	.308	1.226	-1.065	0	167	-.089	.127	.545	-.705	0	224	-.358	.148	.010	-1.216
0	118	.015	.288	.991	-.973	0	168	-.064	.123	.610	-.583	0	225	-.353	.158	.048	-1.301
0	119	-.159	.221	.664	-1.104	0	169	-.095	.106	.439	-.511	0	226	-.288	.109	-.016	-.923
0	120	-.067	.268	.963	-1.147	0	170	-.126	.085	.275	-.522	0	227	-.282	.110	.009	-.969
0	121	-.002	.304	.970	-1.147	0	171	-.150	.064	.172	-.736	0	228	-.281	.108	.021	-.730
0	122	-.009	.295	.940	-1.094	0	172	-.158	.055	.083	-.647	0	229	-.318	.133	.052	-1.022
0	123	.010	.281	.896	-.933	0	173	-.135	.105	.358	-.721	0	230	-.349	.139	.107	-.950
0	124	.022	.301	.958	-1.687	0	174	-.083	.116	.423	-.533	0	231	-.358	.152	.143	-1.422
0	125	-.052	.381	1.085	-2.776	0	175	-.058	.119	.645	-.399	0	232	-.352	.145	.073	-1.408
0	126	-.201	.191	.647	-1.011	0	176	-.073	.116	.591	-.403	0	233	-.296	.111	.089	-1.046
0	127	-.129	.226	.917	-.983	0	177	-.106	.096	.432	-.368	0	234	-.287	.100	.026	-.813
0	128	-.062	.226	.756	-.929	0	178	-.143	.068	.275	-.313	0	235	-.296	.116	.061	-1.012
0	129	-.026	.238	1.162	-.870	0	179	-.157	.049	.163	-.361	0	236	-.324	.139	.049	-1.157
0	130	-.037	.214	.983	-.770	0	180	-.161	.079	.174	-.832	0	237	-.342	.168	.167	-1.553
0	131	-.087	.303	.766	-1.619	0	181	-.119	.085	.257	-.724	0	238	-.366	.176	.114	-1.463
0	132	-.141	.321	.847	-1.446	0	182	-.079	.102	.508	-.363	0	239	-.372	.185	.143	-1.663
0	133	-.248	.181	.540	-1.119	0	183	-.086	.096	.415	-.342	0	240	-.249	.085	.012	-.820
0	134	-.197	.174	.559	-.903	0	184	-.115	.077	.317	-.415	0	241	-.245	.089	.026	-1.102
0	135	-.157	.178	.654	-.686	0	185	-.146	.049	.076	-.473	0	242	-.242	.090	.072	-.743
0	136	-.162	.156	.636	-.647	0	186	-.160	.035	.022	-.290	0	243	-.295	.157	.061	-1.381
0	137	-.184	.152	.461	-.901	0	187	-.140	.085	.506	-.665	0	244	-.330	.195	.032	-2.402
0	138	-.248	.213	.320	-1.815	0	188	-.094	.116	.441	-.462	0	245	-.338	.190	.065	-1.598
0	139	-.278	.225	.395	-1.763	0	189	-.101	.111	.412	-.487	0	246	-.208	.072	.013	-.589
0	140	-.244	.154	.370	-.976	0	190	-.093	.101	.378	-.436	0	247	-.205	.072	-.015	-.631
0	141	-.215	.157	.573	-1.149	0	191	-.121	.099	.355	-.455	0	248	-.204	.072	-.003	-.572
0	142	-.184	.137	.583	-.739	0	192	-.135	.082	.365	-.391	0	249	-.219	.084	.069	-.751
0	143	-.217	.140	.486	-1.215	0	193	-.172	.048	.062	-.332	0	250	-.241	.106	.048	-.930
0	144	-.254	.163	.299	-1.334	0	201	-.363	.143	-.011	-1.195	0	251	-.272	.139	.151	-1.339
0	145	-.261	.170	.116	-1.494	0	202	-.360	.137	.041	-1.357	0	252	-.279	.140	.102	-1.330
0	146	-.213	.124	.337	-.856	0	203	-.392	.153	-.048	-1.269	0	253	-.201	.072	.026	-.615
0	147	-.193	.126	.483	-.857	0	204	-.414	.157	-.049	-1.527	0	254	-.200	.069	.035	-.624
0	148	-.173	.113	.482	-.853	0	205	-.324	.132	.052	-1.044	0	255	-.195	.066	.077	-.519
0	149	-.172	.110	.301	-.746	0	206	-.483	.230	.002	-2.225	0	256	-.217	.094	.073	-1.824
0	150	-.188	.097	.261	-.920	0	207	-.317	.128	.055	-1.140	0	257	-.238	.113	.022	-1.353

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	258	-.247	.117	.035	-1.218	0	315	-.274	.105	.064	-.911	0	365	-.163	.043	-.038	-.359
0	259	-.196	.071	.026	-.673	0	316	-.361	.155	.007	-1.048	0	366	-.150	.022	-.084	-.372
0	260	-.192	.067	.017	-.609	0	317	-.289	.108	.023	-.771	0	367	-.146	.020	-.083	-.323
0	261	-.190	.062	.035	-.511	0	318	-.246	.077	.006	-.578	0	368	-.139	.018	-.078	-.226
0	262	-.200	.070	.052	-.549	0	319	-.230	.080	.017	-.749	0	369	-.136	.020	-.076	-.224
0	263	-.217	.088	.046	-.824	0	320	-.231	.079	.003	-.725	0	370	-.138	.025	-.067	-.258
0	264	-.231	.099	.036	-.909	0	321	-.267	.099	.028	-1.000	0	371	-.148	.036	-.051	-.312
0	265	-.238	.108	.110	-.957	0	322	-.250	.087	.026	-.690	0	372	-.155	.042	-.048	-.343
0	266	-.188	.069	-.049	-.542	0	323	-.240	.074	-.028	-.560	0	373	-.174	.019	-.097	-.262
0	267	-.189	.069	-.035	-.583	0	324	-.250	.078	-.023	-.661	0	374	-.169	.018	-.093	-.269
0	268	-.184	.060	-.012	-.544	0	325	-.257	.086	.019	-.862	0	375	-.165	.018	-.091	-.222
0	269	-.201	.076	-.013	-.821	0	326	-.229	.080	.002	-.634	0	376	-.164	.020	-.096	-.247
0	270	-.223	.092	.052	-.855	0	327	-.233	.084	.009	-.749	0	377	-.165	.024	-.102	-.270
0	271	-.244	.115	.090	-1.273	0	328	-.239	.085	-.025	-.950	0	378	-.176	.035	-.086	-.326
0	272	-.243	.112	.128	-1.183	0	329	-.250	.082	-.044	-.748	0	379	-.183	.042	-.089	-.375
0	273	-.205	.069	-.054	-.601	0	330	-.248	.070	-.047	-.636	0	380	-.172	.020	-.094	-.266
0	274	-.203	.066	-.051	-.570	0	331	-.263	.078	-.032	-.738	0	381	-.167	.018	-.099	-.250
0	275	-.195	.055	-.014	-.455	0	332	-.270	.081	-.040	-.762	0	382	-.164	.017	-.093	-.224
0	276	-.208	.061	-.022	-.549	0	333	-.267	.116	.032	-1.921	0	383	-.165	.019	-.091	-.227
0	277	-.245	.101	.015	-1.034	0	334	-.269	.113	.002	-1.690	0	384	-.168	.025	-.082	-.273
0	278	-.277	.142	.026	-1.336	0	335	-.280	.114	-.038	-.905	0	385	-.180	.038	-.066	-.354
0	279	-.281	.144	.072	-1.511	0	336	-.276	.098	-.055	-.768	0	386	-.185	.044	-.064	-.403
0	280	-.197	.060	-.041	-.542	0	337	-.271	.079	-.067	-.852	0	387	-.173	.017	-.101	-.244
0	281	-.202	.065	-.044	-.568	0	338	-.280	.078	-.060	-.707	0	388	-.167	.017	-.103	-.235
0	282	-.190	.052	-.020	-.390	0	339	-.289	.086	-.066	-.911	0	389	-.168	.027	-.087	-.325
0	283	-.196	.059	.014	-.465	0	340	-.308	.151	.033	-1.682	0	390	-.178	.046	-.062	-.472
0	284	-.214	.070	.011	-.671	0	341	-.322	.178	.064	-1.731	0	391	-.177	.019	-.108	-.261
0	285	-.278	.153	.067	-1.607	0	342	-.321	.167	.008	-1.567	0	392	-.179	.022	-.103	-.261
0	286	-.277	.140	.069	-1.336	0	343	-.261	.097	-.026	-.753	0	393	-.169	.028	-.082	-.289
0	287	-.175	.047	-.024	-.491	0	344	-.252	.089	-.048	-1.071	0	394	-.176	.041	-.047	-.374
0	288	-.176	.048	-.015	-.478	0	345	-.237	.079	-.034	-.913	0	401	-.226	.167	.223	-1.388
0	289	-.180	.060	.010	-.561	0	346	-.276	.167	-.034	-1.522	0	402	.048	.313	.777	-1.540
0	290	-.193	.061	-.025	-.527	0	347	-.278	.176	-.011	-1.899	0	403	.010	.202	.463	-1.010
0	291	-.203	.068	.000	-.531	0	348	-.236	.125	.076	-1.326	0	404	-.193	.094	.112	-.719
0	292	-.214	.069	-.034	-.545	0	349	-.215	.094	.080	-.826	0	405	.087	.385	.995	-1.940
0	293	-.265	.094	.043	-.830	0	350	-.188	.061	.034	-.518	0	406	-.206	.102	.112	-.748
0	301	-.330	.120	-.006	-1.133	0	351	-.185	.054	-.017	-.672	0	407	.079	.398	1.054	-2.645
0	302	-.315	.114	.004	-1.129	0	352	-.188	.056	-.018	-.683	0	408	.105	.311	.875	-1.359
0	303	-.324	.121	.000	-.967	0	353	-.199	.097	.040	-1.078	0	409	.058	.240	.622	-1.036
0	304	-.322	.116	.099	-.984	0	354	-.193	.091	-.011	-1.094	0	410	.005	.185	.621	-.839
0	305	-.339	.169	.032	-1.496	0	355	-.167	.058	-.017	-.725	0	411	-.257	.146	.246	-.841
0	306	-.298	.105	.021	-.843	0	356	-.152	.034	-.018	-.337	0	412	.055	.440	1.150	-2.270
0	307	-.429	.250	.058	-2.421	0	357	-.161	.040	-.023	-.342	0	413	.028	.341	.763	-1.697
0	308	-.338	.141	.039	-1.101	0	358	-.170	.045	-.034	-.355	0	414	-.214	.225	.619	-1.346
0	309	-.342	.146	.133	-1.099	0	359	-.159	.041	-.047	-.560	0	415	-.177	.114	.229	-.941
0	310	-.305	.117	.099	-.907	0	360	-.153	.035	-.050	-.471	0	416	.066	.304	.990	-1.189
0	311	-.300	.119	.101	-1.433	0	361	-.143	.023	-.076	-.256	0	417	.031	.233	.709	-.686
0	312	-.225	.088	.033	-.661	0	362	-.141	.022	-.071	-.226	0	418	-.177	.095	.160	-.596
0	313	-.232	.092	.045	-.727	0	363	-.144	.026	-.058	-.274	0	419	.035	.421	1.137	-2.619
0	314	-.284	.102	.021	-.793	0	364	-.152	.034	-.048	-.313	0	420	.069	.374	.940	-1.936

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	421	.085	.319	.940	-1.338
0	422	.072	.262	.871	-.952
0	423	.049	.217	.536	-.932
0	424	-.090	.141	.472	-.817
0	425	-.171	.108	.227	-.781
0	426	-.028	.325	.979	-1.427
0	427	.004	.341	1.037	-1.659
0	428	.050	.272	.926	-1.251
0	429	.050	.233	.716	-.670
0	430	.007	.179	.504	-.772
0	431	-.107	.125	.401	-.865
0	432	-.179	.092	.221	-.857
0	433	-.120	.205	.669	-1.142
0	434	-.076	.209	.734	-1.173
0	435	-.022	.203	.756	-.927
0	436	-.010	.169	.642	-.733
0	437	-.044	.151	.534	-.762
0	438	-.145	.103	.321	-.733
0	439	-.219	.099	.265	-.879
0	440	-.164	.124	.377	-.996
0	441	-.138	.147	.501	-1.230
0	442	-.096	.131	.477	-.704
0	443	-.105	.106	.348	-.598
0	444	-.180	.090	.212	-.595
0	445	-.245	.101	.062	-.913
0	446	-.178	.092	.242	-.743
0	447	-.163	.098	.300	-.858
0	448	-.139	.089	.288	-1.036
0	449	-.130	.076	.267	-.457
0	450	-.136	.068	.235	-.462
0	451	-.185	.077	.086	-.674
0	452	-.237	.091	-.015	-.891
0	453	-.193	.072	.029	-1.173
0	454	-.182	.060	.016	-.688
0	455	-.166	.055	.107	-.484
0	456	-.148	.051	.112	-.375
0	457	-.171	.056	.046	-.559
0	458	-.199	.064	-.018	-.630
0	459	-.209	.067	-.012	-.741
0	460	-.198	.054	-.039	-.583
0	461	-.185	.040	-.006	-.424
0	462	-.174	.035	.033	-.323
0	463	-.165	.039	.031	-.303
0	464	-.167	.038	-.000	-.356
0	465	-.179	.045	.027	-.547
0	466	-.191	.056	-.018	-.637
0	467	-.189	.055	-.012	-.631
0	468	-.185	.040	-.074	-.483
0	469	-.181	.032	-.030	-.377
0	470	-.177	.028	-.018	-.287
0	471	-.181	.032	-.045	-.341
0	472	-.184	.032	-.060	-.375
0	473	-.177	.038	-.046	-.437
0	474	-.179	.042	-.002	-.417
0	475	-.177	.038	-.039	-.493
0	476	-.173	.028	-.062	-.305
0	477	-.173	.024	-.091	-.301
0	478	-.182	.025	-.087	-.311
0	479	-.182	.023	-.111	-.284
0	480	-.175	.041	-.050	-.527
0	481	-.176	.040	-.058	-.509
0	482	-.174	.034	-.061	-.424
0	483	-.171	.026	-.090	-.282
0	484	-.171	.023	-.088	-.260
0	485	-.176	.024	-.108	-.280
0	486	-.177	.025	-.106	-.283
0	487	-.194	.044	-.037	-.435
0	488	-.187	.037	-.047	-.381
0	489	-.181	.031	-.063	-.378
0	490	-.173	.026	-.065	-.278
0	491	-.175	.021	-.066	-.243
0	492	-.175	.019	-.081	-.243
0	493	-.176	.017	-.103	-.230
0	801	-.025	.191	.545	-.783
0	802	-.016	.218	.862	-.675
0	803	.004	.247	.808	-.860
0	804	-.079	.220	.478	-1.213
0	805	-.404	.152	.043	-1.208
0	806	-.018	.209	.570	-.663
0	807	-.301	.096	-.032	-.798
0	808	.070	.267	.717	-.789
0	809	-.293	.123	.199	-.866
0	810	-.288	.112	.012	-1.034
0	811	-.314	.109	-.023	-.796
0	812	-.221	.104	.206	-.734
0	813	-.175	.044	.034	-.379
0	814	-.169	.024	-.049	-.260
0	815	-.175	.018	-.114	-.248
0	901	-.145	.040	.079	-.285
0	902	-.070	.096	.316	-.325
0	903	-.173	.078	.124	-.507
0	904	-.168	.028	.004	-.282
0	905	-.199	.061	-.009	-.538
0	906	-.169	.019	-.042	-.226
0	907	-.165	.019	-.109	-.231
0	908	-.180	.040	-.060	-.373
10	101	-.206	.132	.294	-.821
10	102	-.120	.152	.309	-.832
10	103	.167	.244	.799	-.719
10	104	.024	.221	.631	-1.001
10	105	-.143	.186	.361	-1.107
10	106	.021	.266	.770	-.827
10	107	-.200	.266	.638	-1.893
10	108	.196	.281	1.055	-1.145
10	109	.279	.333	1.093	-.843
10	110	.222	.333	1.097	-.837
10	111	-.003	.312	1.042	-1.146
10	112	.045	.235	.672	-.861
10	113	.242	.333	1.007	-1.155
10	114	.204	.350	1.141	-1.009
10	115	.070	.346	1.132	-.948
10	116	.021	.202	.668	-.674
10	117	.298	.363	1.365	-.764
10	118	.050	.276	.976	-1.048
10	119	.009	.226	.568	-.970
10	120	.186	.277	.906	-.895
10	121	.271	.341	1.257	-.871
10	122	.255	.336	1.121	-.670
10	123	.208	.332	1.445	-.917
10	124	.088	.311	1.079	-.741
10	125	-.028	.299	1.029	-.991
10	126	-.044	.215	.557	-.813
10	127	.113	.275	.919	-.774
10	128	.240	.303	1.132	-.539
10	129	.216	.303	1.219	-.576
10	130	.134	.265	1.032	-.534
10	131	-.017	.236	.987	-.856
10	132	-.133	.213	.769	-.847
10	133	-.098	.241	.752	-.914
10	134	.017	.255	.935	-.725
10	135	.092	.273	1.038	-.601
10	136	.049	.229	.928	-.512
10	137	-.037	.188	.864	-.511
10	138	-.146	.126	.484	-.544
10	139	-.221	.121	.469	-.789
10	140	-.139	.224	.687	-.934
10	141	-.054	.263	.917	-.936
10	142	-.010	.235	.925	-.624
10	143	-.116	.154	.601	-.560
10	144	-.174	.102	.299	-.565
10	145	-.219	.102	.194	-.952
10	146	-.138	.204	.581	-.985
10	147	-.076	.231	.763	-.772
10	148	-.040	.207	.810	-.654
10	149	-.082	.175	.630	-1.179
10	150	-.125	.126	.421	-.616
10	151	-.170	.097	.286	-.654
10	152	-.198	.091	.280	-.748
10	153	-.138	.211	.692	-1.134
10	154	-.082	.215	.780	-.888

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	155	-.061	.201	1.035	-1.100	10	212	-.313	.126	.039	-1.076	10	262	-.288	.126	.044	-.900
10	156	-.132	.111	.403	-.488	10	213	-.333	.138	.090	-1.221	10	263	-.322	.157	.089	-1.349
10	157	-.176	.082	.225	-.540	10	214	-.472	.189	-.019	-1.429	10	264	-.350	.166	.106	-1.206
10	158	-.203	.073	.133	-.512	10	215	-.463	.192	.016	-1.733	10	265	-.367	.185	.048	-1.480
10	159	-.143	.166	.421	-.782	10	216	-.306	.097	-.019	-.741	10	266	-.266	.117	-.003	-1.163
10	160	-.054	.180	.607	-.712	10	217	-.377	.132	-.023	-.976	10	267	-.264	.112	.029	-1.219
10	161	-.038	.180	.788	-.583	10	218	-.534	.198	-.071	-1.579	10	268	-.264	.104	.055	-.837
10	162	-.087	.133	.625	-.498	10	219	-.303	.121	.036	-1.183	10	269	-.297	.133	.084	-1.139
10	163	-.139	.105	.411	-.497	10	220	-.294	.107	.048	-.996	10	270	-.320	.144	.010	-1.213
10	164	-.182	.073	.121	-.491	10	221	-.327	.129	.101	-1.104	10	271	-.326	.144	.004	-1.215
10	165	-.208	.068	.075	-.607	10	222	-.427	.175	.037	-1.483	10	272	-.318	.135	.008	-1.038
10	166	-.070	.136	.450	-.711	10	223	-.481	.169	-.002	-1.534	10	273	-.260	.096	-.042	-.823
10	167	.019	.161	.703	-.642	10	224	-.472	.179	.057	-1.644	10	274	-.254	.087	-.045	-.832
10	168	.058	.151	.696	-.380	10	225	-.460	.189	-.040	-1.502	10	275	-.246	.068	-.008	-.550
10	169	-.004	.137	.545	-.409	10	226	-.313	.113	-.028	-.972	10	276	-.290	.086	-.035	-.678
10	170	-.081	.097	.549	-.444	10	227	-.308	.111	.002	-.935	10	277	-.359	.159	-.015	-1.397
10	171	-.153	.066	.223	-.427	10	228	-.323	.108	.075	-.898	10	278	-.344	.153	.028	-1.411
10	172	-.192	.055	.114	-.435	10	229	-.394	.140	.112	-1.029	10	279	-.341	.153	-.032	-1.418
10	173	-.062	.113	.408	-.462	10	230	-.454	.161	.017	-1.431	10	280	-.238	.075	-.084	-.700
10	174	.055	.148	.671	-.358	10	231	-.450	.172	-.022	-1.353	10	281	-.236	.078	-.013	-.628
10	175	.159	.154	.973	-.311	10	232	-.441	.162	-.019	-1.295	10	282	-.223	.057	.001	-.447
10	176	.146	.155	.903	-.261	10	233	-.294	.107	.126	-.861	10	283	-.238	.065	-.027	-.512
10	177	.083	.138	.834	-.254	10	234	-.290	.098	.089	-.896	10	284	-.312	.124	.059	-.871
10	178	-.043	.115	.547	-.401	10	235	-.317	.118	.168	-.942	10	285	-.360	.194	.049	-1.702
10	179	-.126	.089	.336	-.483	10	236	-.376	.142	.205	-.958	10	286	-.352	.178	.030	-1.338
10	180	-.097	.102	.313	-.499	10	237	-.463	.202	.161	-1.520	10	287	-.201	.067	.014	-.724
10	181	.014	.099	.506	-.276	10	238	-.525	.221	.006	-1.723	10	288	-.202	.065	.018	-.741
10	182	.137	.126	.702	-.199	10	239	-.531	.228	.002	-1.921	10	289	-.204	.064	.066	-.475
10	183	.134	.123	.728	-.175	10	240	-.247	.086	.012	-.927	10	290	-.232	.065	-.006	-.468
10	184	.062	.111	.619	-.280	10	241	-.249	.093	.066	-.954	10	291	-.248	.067	-.015	-.512
10	185	-.076	.070	.222	-.291	10	242	-.263	.100	.062	-.988	10	292	-.260	.065	-.021	-.517
10	186	-.151	.056	.094	-.406	10	243	-.382	.166	.157	-1.400	10	293	-.333	.091	-.084	-.725
10	187	-.158	.078	.328	-.377	10	244	-.480	.213	.050	-1.611	10	301	-.420	.149	-.050	-1.164
10	188	.007	.109	.457	-.316	10	245	-.507	.239	.097	-1.962	10	302	-.368	.115	.031	-1.313
10	189	.030	.116	.499	-.348	10	246	-.233	.080	-.039	-.685	10	303	-.378	.127	-.070	-1.114
10	190	.040	.116	.583	-.261	10	247	-.233	.082	-.016	-.642	10	304	-.386	.125	.003	-1.060
10	191	-.016	.120	.534	-.444	10	248	-.243	.089	.046	-.665	10	305	-.405	.184	.008	-1.854
10	192	-.055	.108	.570	-.377	10	249	-.270	.115	.141	-1.058	10	306	-.372	.121	.033	-1.033
10	193	-.196	.076	.208	-.418	10	250	-.318	.136	.089	-1.098	10	307	-.460	.236	.033	-1.973
10	201	-.437	.164	-.067	-1.606	10	251	-.394	.192	.094	-1.915	10	308	-.393	.151	-.046	-1.359
10	202	-.413	.151	.010	-1.436	10	252	-.416	.193	.095	-2.047	10	309	-.387	.143	-.010	-1.437
10	203	-.476	.176	-.034	-1.492	10	253	-.236	.091	-.009	-.834	10	310	-.359	.119	.031	-1.064
10	204	-.534	.190	-.099	-1.684	10	254	-.232	.081	-.008	-.808	10	311	-.360	.130	.239	-1.076
10	205	-.353	.141	.088	-1.089	10	255	-.243	.092	.078	-.807	10	312	-.271	.086	-.015	-.927
10	206	-.693	.334	-.113	-2.600	10	256	-.306	.131	.066	-1.014	10	313	-.278	.093	-.015	-.776
10	207	-.326	.134	.237	-.962	10	257	-.368	.179	.134	-1.422	10	314	-.303	.091	-.068	-.755
10	208	-.341	.128	.175	-.891	10	258	-.386	.182	.091	-1.530	10	315	-.306	.105	.000	-.777
10	209	-.441	.165	.101	-1.146	10	259	-.257	.122	-.022	-1.007	10	316	-.364	.127	-.048	-.988
10	210	-.499	.185	-.010	-1.278	10	260	-.249	.107	.044	-.891	10	317	-.307	.087	-.050	-.669
10	211	-.603	.273	-.018	-2.015	10	261	-.256	.109	.134	-.805	10	318	-.295	.076	-.082	-.607

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	319	-.279	.090	-.021	-.810
10	320	-.280	.085	-.032	-.747
10	321	-.301	.087	-.075	-.767
10	322	-.276	.072	-.038	-.767
10	323	-.278	.065	-.061	-.707
10	324	-.279	.076	-.029	-.581
10	325	-.291	.093	.050	-.961
10	326	-.281	.084	.056	-.647
10	327	-.286	.088	.049	-.672
10	328	-.290	.083	-.050	-.698
10	329	-.285	.075	-.052	-.774
10	330	-.276	.060	-.094	-.706
10	331	-.287	.072	-.082	-.775
10	332	-.296	.078	-.053	-.742
10	333	-.315	.136	-.031	-1.530
10	334	-.313	.125	-.040	-1.351
10	335	-.304	.101	-.101	-1.144
10	336	-.282	.067	-.130	-.712
10	337	-.267	.053	-.117	-.503
10	338	-.276	.067	-.099	-.661
10	339	-.286	.077	-.058	-.758
10	340	-.282	.118	-.015	-1.656
10	341	-.284	.141	.073	-1.759
10	342	-.262	.088	-.064	-1.400
10	343	-.238	.048	-.058	-.665
10	344	-.247	.067	-.050	-.754
10	345	-.254	.074	-.075	-.919
10	346	-.234	.077	-.075	-1.459
10	347	-.233	.077	-.019	-1.648
10	348	-.223	.054	-.120	-1.098
10	349	-.218	.036	-.105	-.480
10	350	-.213	.038	-.106	-.421
10	351	-.223	.056	-.068	-.721
10	352	-.226	.058	-.067	-.656
10	353	-.206	.037	-.084	-.549
10	354	-.204	.033	-.101	-.440
10	355	-.201	.029	-.091	-.330
10	356	-.195	.035	-.078	-.324
10	357	-.207	.052	-.026	-.482
10	358	-.216	.059	-.021	-.567
10	359	-.206	.030	-.119	-.402
10	360	-.198	.025	-.111	-.317
10	361	-.192	.023	-.117	-.311
10	362	-.188	.025	-.108	-.311
10	363	-.191	.036	-.077	-.377
10	364	-.205	.055	-.046	-.499
10	365	-.223	.075	-.031	-.632
10	366	-.207	.028	-.127	-.320
10	367	-.199	.023	-.126	-.290
10	368	-.187	.020	-.123	-.272
10	369	-.185	.023	-.103	-.272
10	370	-.184	.028	-.087	-.294
10	371	-.199	.045	-.028	-.379
10	372	-.214	.059	-.020	-.494
10	373	-.230	.034	-.108	-.359
10	374	-.222	.030	-.126	-.348
10	375	-.210	.026	-.117	-.324
10	376	-.206	.024	-.108	-.294
10	377	-.201	.026	-.096	-.309
10	378	-.211	.037	-.083	-.418
10	379	-.218	.046	-.086	-.495
10	380	-.230	.034	-.118	-.375
10	381	-.220	.028	-.117	-.326
10	382	-.214	.025	-.136	-.316
10	383	-.205	.024	-.134	-.291
10	384	-.206	.028	-.089	-.304
10	385	-.211	.037	-.062	-.374
10	386	-.219	.045	-.051	-.475
10	387	-.226	.036	-.134	-.406
10	388	-.210	.026	-.113	-.373
10	389	-.194	.026	-.110	-.304
10	390	-.210	.058	-.075	-.625
10	391	-.202	.032	-.062	-.356
10	392	-.202	.035	-.080	-.354
10	393	-.201	.043	-.059	-.415
10	394	-.212	.061	.002	-.680
10	401	-.445	.188	.142	-1.617
10	402	-.432	.293	.587	-1.653
10	403	-.178	.194	.419	-1.121
10	404	-.267	.092	.034	-.816
10	405	-.453	.409	.723	-2.043
10	406	-.275	.109	.231	-.933
10	407	-.450	.490	.927	-2.500
10	408	-.236	.278	.608	-1.502
10	409	-.160	.163	.614	-.873
10	410	-.138	.130	.311	-.645
10	411	-.221	.120	.192	-.733
10	412	-.589	.551	.677	-3.402
10	413	-.413	.363	.640	-2.217
10	414	-.454	.291	.432	-1.624
10	415	-.270	.122	.156	-1.143
10	416	-.356	.285	.555	-1.403
10	417	-.268	.171	.452	-.885
10	418	-.276	.102	.210	-.723
10	419	-.609	.520	.836	-3.664
10	420	-.538	.496	.694	-3.277
10	421	-.268	.261	.514	-1.545
10	422	-.270	.225	.382	-1.415
10	423	-.226	.176	.407	-.965
10	424	-.254	.131	.256	-.835
10	425	-.265	.116	.252	-1.076
10	426	-.481	.328	.500	-2.137
10	427	-.487	.372	.636	-2.406
10	428	-.309	.247	.429	-1.610
10	429	-.211	.172	.497	-.902
10	430	-.197	.136	.462	-.762
10	431	-.230	.112	.313	-.767
10	432	-.256	.094	.203	-.702
10	433	-.339	.197	.318	-1.638
10	434	-.340	.196	.297	-1.580
10	435	-.317	.203	.455	-1.695
10	436	-.241	.132	.323	-1.035
10	437	-.218	.103	.306	-.690
10	438	-.245	.087	.231	-.650
10	439	-.284	.102	.175	-.815
10	440	-.275	.133	.003	-1.829
10	441	-.277	.139	.130	-1.324
10	442	-.267	.120	.086	-1.047
10	443	-.207	.074	.105	-.700
10	444	-.224	.069	.097	-.804
10	445	-.252	.085	.051	-.983
10	446	-.242	.100	.018	-.987
10	447	-.245	.105	.023	-1.095
10	448	-.233	.084	.015	-.806
10	449	-.218	.071	.116	-.766
10	450	-.203	.049	.018	-.444
10	451	-.214	.049	-.010	-.512
10	452	-.226	.056	-.004	-.635
10	453	-.249	.096	.068	-1.147
10	454	-.248	.091	.011	-1.088
10	455	-.235	.077	.007	-.683
10	456	-.198	.042	-.004	-.457
10	457	-.205	.038	.056	-.401
10	458	-.212	.036	-.062	-.413
10	459	-.272	.095	.009	-.806
10	460	-.272	.095	.003	-.890
10	461	-.263	.079	-.003	-.752
10	462	-.237	.053	-.091	-.481
10	463	-.217	.047	.055	-.362
10	464	-.207	.046	.085	-.423
10	465	-.218	.049	.090	-.506
10	466	-.270	.076	.011	-.640
10	467	-.275	.084	.002	-.745
10	468	-.268	.075	-.040	-.717
10	469	-.260	.062	-.001	-.556
10	470	-.239	.050	-.050	-.466
10	471	-.235	.053	.019	-.524
10	472	-.236	.055	-.018	-.534
10	473	-.269	.072	-.081	-.813
10	474	-.269	.070	-.037	-.687

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	475	-.275	.073	-.059	-.730
10	476	-.261	.053	-.090	-.475
10	477	-.244	.041	-.112	-.404
10	478	-.253	.051	-.072	-.528
10	479	-.253	.051	-.071	-.505
10	480	-.268	.075	-.039	-.822
10	481	-.268	.075	-.071	-.922
10	482	-.270	.079	-.065	-.735
10	483	-.244	.046	-.088	-.447
10	484	-.238	.040	-.099	-.413
10	485	-.247	.049	-.112	-.601
10	486	-.253	.048	-.118	-.492
10	487	-.311	.065	-.139	-.580
10	488	-.253	.048	-.095	-.442
10	489	-.237	.043	-.081	-.457
10	490	-.241	.040	-.111	-.435
10	491	-.220	.037	-.098	-.384
10	492	-.210	.039	-.063	-.516
10	493	-.216	.035	-.110	-.377
10	801	-.001	.215	.775	-.824
10	802	.145	.330	1.005	-.911
10	803	.053	.314	1.038	-1.319
10	804	-.329	.249	.364	-1.540
10	805	-.508	.179	-.027	-1.234
10	806	-.222	.143	.397	-.914
10	807	-.349	.097	-.035	-.774
10	808	-.080	.179	.568	-.749
10	809	-.314	.126	.390	-1.016
10	810	-.319	.097	-.066	-.812
10	811	-.315	.081	-.078	-.677
10	812	-.286	.074	-.035	-.627
10	813	-.205	.067	.023	-.542
10	814	-.197	.036	-.083	-.347
10	815	-.205	.035	-.080	-.350
10	901	-.128	.056	.154	-.335
10	902	.134	.127	.738	-.190
10	903	-.124	.096	.211	-.649
10	904	-.245	.044	-.110	-.457
10	905	-.249	.070	.009	-.723
10	906	-.223	.031	-.117	-.359
10	907	-.207	.025	-.131	-.295
10	908	-.211	.046	-.026	-.433
20	101	-.347	.084	.014	-.919
20	102	-.192	.093	.146	-.611
20	103	-.153	.133	.597	-.447
20	104	-.149	.120	.327	-.704
20	105	-.267	.133	.371	-.975
20	106	-.190	.191	.720	-.959
20	107	-.534	.211	.477	-1.447
20	108	.181	.160	.724	-.994
20	109	.372	.203	1.018	-.596
20	110	.285	.244	.980	-1.398
20	111	-.286	.353	.685	-1.825
20	112	.112	.132	.580	-.682
20	113	.343	.197	.936	-.721
20	114	.397	.286	1.161	-.891
20	115	.099	.320	1.050	-1.267
20	116	.124	.155	.688	-.719
20	117	.619	.271	1.319	-.808
20	118	.065	.222	.759	-.886
20	119	.148	.144	.648	-.632
20	120	.395	.173	.849	-.463
20	121	.446	.218	1.201	-.434
20	122	.460	.235	1.142	-.496
20	123	.452	.248	1.143	-.462
20	124	.322	.278	1.095	-.633
20	125	.079	.293	.926	-1.303
20	126	.109	.138	.676	-.660
20	127	.359	.180	1.031	-.603
20	128	.587	.212	1.202	-.497
20	129	.584	.258	1.233	-.393
20	130	.481	.246	1.093	-.373
20	131	-.167	.241	.836	-.642
20	132	-.108	.227	.668	-1.101
20	133	.105	.176	.895	-.724
20	134	.329	.190	1.046	-.557
20	135	.548	.232	1.187	-.564
20	136	.517	.229	1.226	-.443
20	137	.347	.221	1.112	-.391
20	138	-.006	.162	.588	-.658
20	139	-.270	.151	.263	-1.059
20	140	.068	.181	.644	-.833
20	141	.295	.215	.977	-.731
20	142	.497	.225	1.389	-.351
20	143	.277	.212	1.107	-.423
20	144	-.036	.160	.612	-.685
20	145	-.265	.144	.304	-.888
20	146	.071	.190	.642	-.876
20	147	.244	.220	.872	-.857
20	148	.424	.235	1.129	-.565
20	149	.380	.235	1.153	-.507
20	150	.233	.206	.973	-.386
20	151	-.041	.174	.616	-.628
20	152	-.229	.155	.327	-.797
20	153	.025	.194	.680	-.825
20	154	.199	.206	.877	-.682
20	155	.354	.237	1.109	-.764
20	156	.169	.194	1.031	-.436
20	157	-.055	.164	.709	-.671
20	158	-.250	.150	.298	-.905
20	159	-.142	.178	.485	-.820
20	160	.083	.190	.641	-.594
20	161	.285	.214	1.011	-.473
20	162	.252	.189	.953	-.312
20	163	.126	.170	.775	-.418
20	164	-.104	.135	.549	-.680
20	165	-.281	.148	.280	-.868
20	166	-.065	.159	.524	-.722
20	167	.105	.183	.721	-.528
20	168	.252	.176	.905	-.404
20	169	.238	.165	.996	-.263
20	170	.134	.141	1.009	-.270
20	171	-.089	.120	.543	-.511
20	172	-.243	.116	.278	-.697
20	173	-.123	.133	.397	-.629
20	174	.057	.142	.646	-.394
20	175	.237	.150	.830	-.172
20	176	.259	.162	.981	-.209
20	177	.193	.158	1.019	-.192
20	178	-.032	.158	.582	-.503
20	179	-.224	.155	.340	-.966
20	180	-.138	.120	.393	-.554
20	181	.027	.115	.522	-.312
20	182	.241	.150	.955	-.100
20	183	.268	.152	1.008	-.082
20	184	.184	.142	.916	-.134
20	185	-.073	.100	.535	-.397
20	186	-.255	.115	.186	-.673
20	187	-.167	.084	.271	-.429
20	188	.069	.121	.561	-.372
20	189	.111	.136	.694	-.337
20	190	.124	.125	.579	-.194
20	191	.064	.130	.571	-.396
20	192	.007	.134	.836	-.344
20	193	-.221	.121	.320	-.639
20	201	-.522	.126	-.232	-1.702
20	202	-.559	.129	-.147	-1.238
20	203	-.627	.164	-.170	-1.633
20	204	-.669	.186	-.260	-1.700
20	205	-.493	.128	-.058	-1.328
20	206	-.906	.376	-.278	-3.064
20	207	-.466	.124	.133	-1.142
20	208	-.499	.127	-.035	-1.007
20	209	-.602	.161	-.008	-1.221
20	210	-.595	.186	-.057	-1.710
20	211	-.614	.214	-.011	-1.997
20	212	-.451	.127	-.040	-1.193
20	213	-.474	.145	.076	-1.353
20	214	-.544	.163	-.149	-1.708
20	215	-.536	.159	-.161	-1.564

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	216	-.466	.098	-.175	-1.035
20	217	-.761	.198	-.148	-1.344
20	218	-.788	.224	-.165	-1.817
20	219	-.479	.152	-.067	-1.321
20	220	-.454	.121	-.051	-1.090
20	221	-.505	.154	-.110	-1.373
20	222	-.573	.186	-.177	-1.537
20	223	-.578	.169	-.165	-1.415
20	224	-.542	.149	-.177	-1.342
20	225	-.530	.150	-.187	-1.510
20	226	-.513	.154	-.059	-1.579
20	227	-.499	.144	.037	-1.472
20	228	-.490	.115	-.090	-1.227
20	229	-.535	.147	-.141	-1.346
20	230	-.533	.138	-.184	-1.090
20	231	-.507	.129	-.202	-1.254
20	232	-.494	.121	-.225	-1.296
20	233	-.539	.202	-.012	-1.625
20	234	-.523	.163	-.015	-1.378
20	235	-.519	.155	-.073	-1.211
20	236	-.549	.175	-.047	-1.688
20	237	-.533	.178	-.067	-1.537
20	238	-.522	.168	-.110	-1.828
20	239	-.519	.172	-.147	-2.403
20	240	-.515	.203	-.003	-1.725
20	241	-.506	.185	-.019	-1.451
20	242	-.499	.151	-.057	-1.168
20	243	-.567	.211	.142	-1.651
20	244	-.567	.227	-.122	-2.142
20	245	-.560	.225	-.151	-2.297
20	246	-.490	.192	-.061	-1.512
20	247	-.482	.179	.007	-1.401
20	248	-.491	.163	.041	-1.376
20	249	-.528	.191	.040	-1.414
20	250	-.558	.216	-.020	-2.114
20	251	-.567	.242	-.078	-2.254
20	252	-.556	.225	-.095	-1.961
20	253	-.480	.202	-.005	-1.698
20	254	-.466	.171	-.038	-1.770
20	255	-.474	.165	.053	-1.323
20	256	-.549	.215	.029	-1.672
20	257	-.555	.236	-.026	-2.304
20	258	-.548	.220	-.029	-2.022
20	259	-.454	.178	-.023	-1.351
20	260	-.438	.152	-.024	-1.159
20	261	-.441	.153	-.001	-1.099
20	262	-.492	.170	.006	-1.238
20	263	-.529	.206	.048	-2.071
20	264	-.538	.218	-.042	-1.773
20	265	-.532	.230	-.017	-2.565
20	266	-.433	.162	-.017	-1.457
20	267	-.427	.157	.170	-1.440
20	268	-.418	.123	.054	-.902
20	269	-.461	.159	.017	-1.160
20	270	-.480	.163	-.052	-1.390
20	271	-.480	.179	-.005	-2.062
20	272	-.469	.168	-.095	-1.853
20	273	-.390	.132	-.085	-1.239
20	274	-.382	.116	-.127	-1.330
20	275	-.389	.096	-.102	-.754
20	276	-.462	.122	-.112	-.976
20	277	-.550	.202	-.127	-1.866
20	278	-.527	.187	-.155	-1.802
20	279	-.524	.189	-.139	-1.834
20	280	-.367	.116	-.129	-1.105
20	281	-.366	.118	-.112	-1.157
20	282	-.352	.086	-.117	-.732
20	283	-.381	.097	-.094	-.744
20	284	-.487	.171	-.047	-1.457
20	285	-.523	.233	.063	-2.044
20	286	-.511	.210	.013	-1.777
20	287	-.309	.098	.026	-.772
20	288	-.287	.074	.030	-.721
20	289	-.284	.078	.021	-.609
20	290	-.358	.095	-.087	-.702
20	291	-.357	.086	-.119	-.762
20	292	-.353	.077	-.117	-.701
20	293	-.425	.120	-.026	-.994
20	301	-.512	.114	-.168	-1.367
20	302	-.504	.113	-.125	-1.040
20	303	-.501	.108	-.146	-1.303
20	304	-.522	.109	-.154	-1.185
20	305	-.486	.125	-.113	-1.300
20	306	-.491	.110	-.144	-1.269
20	307	-.563	.179	-.047	-1.644
20	308	-.513	.134	-.171	-1.443
20	309	-.520	.132	-.215	-1.184
20	310	-.498	.110	-.177	-1.092
20	311	-.487	.123	-.090	-1.390
20	312	-.379	.079	-.161	-.781
20	313	-.401	.085	-.150	-.735
20	314	-.432	.090	-.194	-.867
20	315	-.423	.098	-.156	-.969
20	316	-.544	.134	-.140	-1.046
20	317	-.417	.086	-.203	-.819
20	318	-.403	.072	-.173	-.711
20	319	-.393	.078	-.151	-.807
20	320	-.391	.073	-.180	-.793
20	321	-.428	.086	-.168	-.793
20	322	-.394	.079	-.187	-.792
20	323	-.388	.066	-.184	-.635
20	324	-.394	.080	-.168	-.861
20	325	-.409	.094	-.117	-1.089
20	326	-.388	.082	-.165	-.893
20	327	-.393	.084	-.156	-1.016
20	328	-.398	.074	-.189	-.788
20	329	-.391	.063	-.217	-.707
20	330	-.383	.055	-.229	-.572
20	331	-.396	.071	-.186	-.786
20	332	-.410	.081	-.185	-.840
20	333	-.449	.190	.018	-2.573
20	334	-.437	.165	-.104	-2.209
20	335	-.412	.098	-.205	-1.265
20	336	-.393	.064	-.210	-.732
20	337	-.391	.063	-.187	-.714
20	338	-.401	.078	-.144	-.837
20	339	-.428	.100	-.102	-.870
20	340	-.413	.115	-.063	-1.448
20	341	-.400	.113	-.096	-2.053
20	342	-.386	.073	-.189	-1.106
20	343	-.376	.060	-.191	-.673
20	344	-.391	.089	-.128	-1.032
20	345	-.410	.108	-.143	-.954
20	346	-.371	.086	-.173	-.827
20	347	-.368	.080	-.163	-.805
20	348	-.363	.062	-.199	-.713
20	349	-.364	.055	-.196	-.663
20	350	-.352	.055	-.208	-.747
20	351	-.367	.087	-.142	-.943
20	352	-.386	.101	-.147	-1.030
20	353	-.356	.089	-.150	-.942
20	354	-.352	.079	-.170	-.907
20	355	-.357	.066	-.184	-.668
20	356	-.344	.054	-.168	-.626
20	357	-.357	.078	-.110	-.749
20	358	-.377	.091	-.104	-.813
20	359	-.344	.086	-.104	-.948
20	360	-.334	.072	-.138	-.894
20	361	-.332	.054	-.168	-.691
20	362	-.329	.044	-.199	-.574
20	363	-.323	.046	-.191	-.567
20	364	-.333	.068	-.145	-.755
20	365	-.351	.090	-.133	-.933
20	366	-.321	.067	-.128	-.898
20	367	-.318	.060	-.130	-.899
20	368	-.315	.047	-.168	-.558
20	369	-.317	.043	-.180	-.496
20	370	-.304	.041	-.154	-.470
20	371	-.321	.064	-.111	-.628
20	372	-.340	.079	-.112	-.769

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	373	-.341	.059	-.190	-.584
20	374	-.342	.056	-.194	-.609
20	375	-.339	.055	-.162	-.639
20	376	-.327	.047	-.159	-.513
20	377	-.313	.044	-.135	-.557
20	378	-.332	.060	-.124	-.659
20	379	-.340	.069	-.109	-.866
20	380	-.338	.057	-.184	-.634
20	381	-.335	.053	-.185	-.634
20	382	-.340	.051	-.187	-.604
20	383	-.333	.047	-.189	-.586
20	384	-.314	.043	-.191	-.488
20	385	-.321	.056	-.180	-.554
20	386	-.330	.064	-.152	-.634
20	387	-.348	.069	-.182	-.661
20	388	-.343	.067	-.085	-.861
20	389	-.286	.051	-.079	-.808
20	390	-.320	.098	-.082	-1.074
20	391	-.289	.049	-.040	-.484
20	392	-.280	.043	-.080	-.463
20	393	-.279	.049	-.079	-.486
20	394	-.296	.068	-.032	-.609
20	401	-.649	.179	-.204	-2.017
20	402	-.899	.180	-.097	-1.777
20	403	-.589	.228	-.036	-1.554
20	404	-.425	.096	-.117	-.986
20	405	-1.304	.369	.105	-2.773
20	406	-.415	.092	-.147	-.818
20	407	-1.280	.542	.111	-3.149
20	408	-.652	.309	.078	-1.774
20	409	-.334	.117	.135	-1.034
20	410	-.237	.084	.157	-.649
20	411	-.355	.099	.066	-.759
20	412	-1.170	.562	-.005	-4.495
20	413	-.862	.365	-.009	-2.649
20	414	-.847	.264	-.062	-1.815
20	415	-.407	.090	-.084	-.859
20	416	-.853	.327	-.045	-2.029
20	417	-.580	.163	.063	-1.288
20	418	-.469	.108	-.140	-.941
20	419	-1.069	.473	.273	-4.037
20	420	-1.077	.494	.238	-3.829
20	421	-.731	.393	.196	-2.239
20	422	-.549	.275	.099	-2.053
20	423	-.430	.183	.056	-1.404
20	424	-.417	.113	-.035	-1.073
20	425	-.405	.095	-.110	-.930
20	426	-.906	.323	.116	-2.965
20	427	-.922	.349	.143	-3.569
20	428	-.828	.340	.093	-2.433
20	429	-.541	.260	.135	-1.594
20	430	-.396	.154	.044	-1.184
20	431	-.374	.097	-.069	-.882
20	432	-.387	.086	-.077	-1.013
20	433	-.661	.213	-.026	-1.822
20	434	-.671	.204	-.127	-1.764
20	435	-.703	.231	.106	-1.562
20	436	-.648	.248	-.005	-1.994
20	437	-.525	.217	.060	-1.649
20	438	-.441	.153	-.047	-1.179
20	439	-.459	.167	.076	-1.384
20	440	-.584	.176	-.117	-1.555
20	441	-.609	.190	-.132	-2.135
20	442	-.652	.211	-.110	-1.980
20	443	-.495	.197	.123	-1.274
20	444	-.434	.165	.060	-1.348
20	445	-.463	.203	.080	-1.827
20	446	-.616	.211	.039	-1.737
20	447	-.633	.230	.081	-1.914
20	448	-.665	.282	.185	-2.014
20	449	-.579	.282	.275	-1.767
20	450	-.432	.207	.232	-1.280
20	451	-.387	.164	.073	-1.429
20	452	-.397	.159	-.017	-1.722
20	453	-.618	.222	.209	-2.076
20	454	-.630	.228	.194	-1.960
20	455	-.650	.305	.301	-2.627
20	456	-.393	.187	.140	-1.143
20	457	-.359	.161	.186	-1.943
20	458	-.372	.151	.061	-1.717
20	459	-.583	.208	-.077	-1.692
20	460	-.593	.213	-.077	-1.827
20	461	-.612	.274	.110	-2.560
20	462	-.516	.228	.149	-1.697
20	463	-.400	.168	.126	-1.347
20	464	-.354	.130	-.017	-1.308
20	465	-.377	.140	-.009	-1.355
20	466	-.576	.174	-.157	-1.418
20	467	-.594	.191	-.144	-1.722
20	468	-.606	.212	-.020	-1.797
20	469	-.504	.198	-.016	-1.849
20	470	-.395	.136	.008	-1.267
20	471	-.349	.112	.001	-1.194
20	472	-.348	.105	-.035	-1.135
20	473	-.634	.214	-.182	-1.937
20	474	-.600	.194	-.157	-1.876
20	475	-.619	.220	-.074	-2.174
20	476	-.440	.129	.001	-1.182
20	477	-.360	.092	-.060	-.848
20	478	-.341	.081	-.068	-.844
20	479	-.347	.079	-.072	-.973
20	480	-.637	.230	-.102	-1.837
20	481	-.647	.235	-.107	-2.299
20	482	-.529	.193	.307	-1.607
20	483	-.353	.085	-.084	-.692
20	484	-.344	.075	-.107	-.682
20	485	-.339	.073	-.142	-.758
20	486	-.351	.075	-.169	-.767
20	487	-.441	.116	-.120	-.991
20	488	-.374	.078	-.157	-.709
20	489	-.355	.068	-.159	-.694
20	490	-.367	.077	-.177	-.760
20	491	-.285	.048	-.059	-.474
20	492	-.283	.048	-.062	-.467
20	493	-.331	.057	-.139	-.561
20	801	.148	.171	.634	-.866
20	802	.486	.240	1.080	-.794
20	803	.230	.191	.733	-.721
20	804	-.757	.311	.108	-2.161
20	805	-.592	.168	-.167	-1.477
20	806	-.463	.154	.089	-1.166
20	807	-.566	.133	-.190	-1.079
20	808	-.075	.158	.466	-.807
20	809	-.272	.156	.448	-.913
20	810	-.433	.089	-.152	-.864
20	811	-.401	.072	-.148	-.687
20	812	-.421	.077	-.189	-.786
20	813	-.293	.079	.051	-.646
20	814	-.279	.045	-.087	-.496
20	815	-.287	.054	-.052	-.537
20	901	-.200	.089	.270	-.535
20	902	.283	.158	.998	-.112
20	903	-.134	.122	.431	-.612
20	904	-.373	.089	-.124	-1.081
20	905	-.388	.096	-.090	-.844
20	906	-.323	.054	-.145	-.705
20	907	-.345	.049	-.209	-.632
20	908	-.330	.065	-.134	-.753
30	101	-.484	.086	-.194	-.835
30	102	-.282	.099	.036	-.672
30	103	.028	.091	.341	-.298
30	104	-.327	.097	.048	-.713
30	105	-.346	.132	.046	-1.242
30	106	-.400	.148	.046	-1.033
30	107	-.684	.172	-.229	-1.686
30	108	.060	.117	.544	-.676
30	109	.238	.133	.674	-.246
30	110	.052	.136	.545	-.580
30	111	-.953	.283	.091	-2.043
30	112	.100	.113	.509	-.363

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	113	.284	.138	.647	-.278
30	114	.339	.140	.951	-.151
30	115	-.002	.144	.587	-.702
30	116	.124	.126	.477	-.393
30	117	.677	.166	1.167	-.030
30	118	.010	.129	.482	-.727
30	119	.157	.113	.508	-.271
30	120	.408	.123	.757	.008
30	121	.413	.135	.821	-.116
30	122	.384	.140	.886	-.116
30	123	.437	.138	.926	-.085
30	124	.407	.144	.885	-.173
30	125	.123	.146	.681	-.476
30	126	.109	.114	.525	-.450
30	127	.388	.127	.842	-.137
30	128	.649	.144	1.056	.038
30	129	.709	.156	1.157	.112
30	130	.658	.151	1.056	.096
30	131	.342	.136	.758	-.328
30	132	.027	.127	.477	-.569
30	133	.121	.110	.436	-.273
30	134	.382	.118	.714	-.046
30	135	.680	.145	1.117	.235
30	136	.737	.151	1.250	.281
30	137	.635	.159	1.194	.085
30	138	.243	.124	.662	-.423
30	139	-.111	.119	.284	-.689
30	140	.080	.111	.427	-.519
30	141	.341	.135	.772	-.314
30	142	.634	.156	1.116	-.019
30	143	.574	.161	1.130	-.110
30	144	.194	.133	.769	-.326
30	145	-.146	.138	.461	-.758
30	146	.085	.121	.482	-.507
30	147	.300	.134	.731	-.370
30	148	.578	.153	1.136	-.182
30	149	.633	.168	1.236	-.128
30	150	.527	.162	1.118	-.123
30	151	.162	.156	.983	-.496
30	152	-.140	.156	.578	-.713
30	153	.026	.135	.520	-.646
30	154	.250	.146	.732	-.502
30	155	.504	.176	1.120	-.266
30	156	.442	.172	1.007	-.130
30	157	.117	.166	.917	-.511
30	158	-.198	.166	.477	-.722
30	159	-.187	.141	.287	-.796
30	160	.128	.150	.573	-.567
30	161	.446	.161	1.018	-.187
30	162	.489	.162	1.076	-.069
30	163	.393	.166	1.169	-.236
30	164	.059	.152	.786	-.542
30	165	-.255	.172	.394	-.918
30	166	-.128	.130	.400	-.717
30	167	.117	.142	.664	-.347
30	168	.359	.155	.890	-.101
30	169	.394	.158	.939	-.101
30	170	.321	.149	.988	-.216
30	171	.020	.142	.614	-.553
30	172	-.233	.149	.420	-.765
30	173	-.214	.133	.173	-.730
30	174	.020	.129	.621	-.437
30	175	.269	.135	.856	-.047
30	176	.325	.149	.949	-.049
30	177	.261	.146	.796	-.116
30	178	-.053	.157	.705	-.472
30	179	-.360	.181	.264	-1.078
30	180	-.206	.134	.195	-.788
30	181	.031	.119	.410	-.336
30	182	.328	.155	1.026	-.053
30	183	.391	.162	1.187	.021
30	184	.316	.153	1.034	-.059
30	185	-.035	.120	.495	-.378
30	186	-.320	.155	.308	-1.002
30	187	-.175	.099	.393	-.490
30	188	.109	.124	.685	-.279
30	189	.167	.136	.692	-.258
30	190	.227	.143	.850	-.159
30	191	.163	.161	.758	-.310
30	192	.080	.164	.777	-.408
30	193	-.236	.128	.295	-.612
30	201	-.599	.145	-.248	-2.241
30	202	-.640	.146	-.202	-1.682
30	203	-.687	.175	-.179	-1.485
30	204	-.709	.201	-.321	-1.920
30	205	-.576	.131	-.153	-1.162
30	206	-.810	.302	-.291	-3.183
30	207	-.560	.134	-.048	-1.181
30	208	-.589	.125	-.101	-1.179
30	209	-.661	.159	-.212	-1.284
30	210	-.654	.167	-.287	-1.466
30	211	-.660	.162	-.290	-1.444
30	212	-.534	.134	-.040	-1.161
30	213	-.555	.145	-.077	-1.306
30	214	-.614	.143	-.275	-1.493
30	215	-.610	.144	-.256	-1.408
30	216	-.645	.113	-.282	-1.163
30	217	-.891	.182	-.290	-1.633
30	218	-.755	.198	-.196	-1.785
30	219	-.573	.175	-.116	-1.723
30	220	-.544	.138	-.062	-1.168
30	221	-.581	.149	-.189	-1.346
30	222	-.629	.170	-.234	-1.619
30	223	-.600	.156	-.261	-1.675
30	224	-.588	.145	-.264	-1.637
30	225	-.590	.152	-.135	-1.510
30	226	-.616	.197	-.095	-1.646
30	227	-.601	.183	.014	-1.587
30	228	-.577	.138	-.076	-1.302
30	229	-.607	.158	-.192	-1.284
30	230	-.589	.142	-.237	-1.288
30	231	-.572	.136	-.247	-1.229
30	232	-.564	.133	-.248	-1.186
30	233	-.670	.273	.051	-2.257
30	234	-.659	.229	-.029	-1.995
30	235	-.623	.188	-.177	-1.673
30	236	-.607	.169	-.244	-1.533
30	237	-.567	.134	-.201	-1.261
30	238	-.551	.125	-.207	-1.185
30	239	-.550	.128	-.197	-1.208
30	240	-.681	.288	.069	-2.199
30	241	-.684	.291	-.003	-2.447
30	242	-.626	.182	-.168	-1.621
30	243	-.591	.154	-.181	-1.653
30	244	-.575	.150	-.119	-1.793
30	245	-.566	.148	-.082	-1.521
30	246	-.704	.304	.053	-2.353
30	247	-.690	.290	.129	-2.514
30	248	-.637	.199	.033	-2.142
30	249	-.636	.205	-.196	-2.465
30	250	-.608	.166	-.225	-1.566
30	251	-.592	.158	-.188	-1.558
30	252	-.585	.154	-.200	-1.456
30	253	-.700	.304	.042	-2.575
30	254	-.680	.248	-.018	-2.152
30	255	-.651	.195	-.125	-1.632
30	256	-.631	.160	-.234	-1.737
30	257	-.603	.146	-.241	-1.411
30	258	-.597	.142	-.253	-1.450
30	259	-.689	.266	-.138	-2.566
30	260	-.667	.221	-.148	-2.092
30	261	-.654	.189	.015	-1.640
30	262	-.670	.176	-.127	-1.573
30	263	-.653	.163	-.245	-1.462
30	264	-.630	.148	-.225	-1.635
30	265	-.643	.157	-.234	-1.813
30	266	-.678	.223	-.098	-2.002
30	267	-.674	.217	-.005	-2.004
30	268	-.686	.186	-.089	-1.719
30	269	-.689	.185	-.201	-1.880

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	270	-.679	.168	-.310	-1.548	30	327	-.513	.131	-.105	-1.267	30	377	-.445	.103	-.082	-.915
30	271	-.662	.157	-.297	-1.603	30	328	-.490	.103	-.191	-1.188	30	378	-.517	.119	-.194	-1.220
30	272	-.653	.153	-.293	-1.567	30	329	-.484	.094	-.193	-1.071	30	379	-.507	.106	-.174	-1.166
30	273	-.510	.137	-.191	-1.962	30	330	-.482	.092	-.204	-1.045	30	380	-.489	.106	-.186	-1.059
30	274	-.495	.120	-.195	-1.424	30	331	-.503	.112	-.180	-1.282	30	381	-.495	.104	-.207	-1.153
30	275	-.518	.131	-.107	-1.232	30	332	-.522	.120	-.168	-1.165	30	382	-.518	.108	-.236	-1.005
30	276	-.638	.166	-.091	-1.363	30	333	-.626	.173	-.128	-1.550	30	383	-.509	.095	-.273	-1.021
30	277	-.835	.265	-.230	-2.150	30	334	-.575	.141	-.202	-2.153	30	384	-.442	.080	-.210	-1.108
30	278	-.812	.243	-.308	-2.382	30	335	-.517	.110	-.164	-1.242	30	385	-.476	.110	-.243	-1.153
30	279	-.807	.243	-.271	-2.355	30	336	-.482	.086	-.165	-1.038	30	386	-.482	.107	-.219	-1.150
30	280	-.475	.104	-.216	-1.066	30	337	-.468	.085	-.176	-.899	30	387	-.582	.133	-.261	-1.248
30	281	-.460	.097	-.191	-1.138	30	338	-.497	.113	-.162	-1.130	30	388	-.508	.138	-.038	-1.266
30	282	-.453	.094	-.150	-.855	30	339	-.537	.143	-.164	-1.282	30	389	-.338	.102	.201	-1.432
30	283	-.475	.124	-.102	-.963	30	340	-.618	.182	-.083	-1.464	30	390	-.376	.116	-.017	-1.005
30	284	-.680	.226	.113	-1.989	30	341	-.574	.158	-.026	-1.228	30	391	-.351	.075	-.069	-.612
30	285	-.806	.295	-.243	-2.917	30	342	-.509	.113	-.176	-1.078	30	392	-.335	.056	-.119	-.568
30	286	-.791	.267	-.260	-2.382	30	343	-.457	.093	-.164	-1.110	30	393	-.334	.046	-.137	-.529
30	287	-.334	.091	.003	-.705	30	344	-.484	.124	-.090	-1.244	30	394	-.356	.060	-.114	-.583
30	288	-.331	.056	-.104	-.525	30	345	-.529	.159	-.139	-1.245	30	401	-.749	.231	-.243	-2.520
30	289	-.332	.064	-.092	-.687	30	346	-.596	.207	-.101	-1.370	30	402	-.918	.224	-.428	-2.167
30	290	-.470	.105	-.157	-.855	30	347	-.565	.182	-.068	-1.408	30	403	-.828	.194	-.079	-1.839
30	291	-.436	.088	-.186	-.788	30	348	-.510	.124	-.165	-1.102	30	404	-.683	.168	-.114	-1.675
30	292	-.417	.083	-.176	-.784	30	349	-.480	.100	-.151	-.999	30	405	-1.359	.559	-.432	-3.864
30	293	-.475	.142	-.065	-1.057	30	350	-.459	.093	-.160	-1.075	30	406	-.583	.133	-.007	-1.143
30	301	-.569	.113	-.195	-1.291	30	351	-.489	.135	-.108	-1.359	30	407	-.937	.302	-.116	-2.884
30	302	-.606	.137	-.164	-1.508	30	352	-.525	.152	-.119	-1.368	30	408	-.884	.222	-.106	-2.211
30	303	-.581	.118	-.241	-1.221	30	353	-.587	.207	-.088	-1.562	30	409	-.698	.157	-.144	-1.247
30	304	-.620	.148	-.119	-1.607	30	354	-.559	.164	-.178	-1.315	30	410	-.525	.127	-.077	-1.116
30	305	-.628	.180	-.112	-1.595	30	355	-.528	.128	-.234	-1.225	30	411	-.506	.142	.148	-1.110
30	306	-.599	.137	-.197	-1.464	30	356	-.479	.092	-.175	-.877	30	412	-.821	.223	-.328	-2.138
30	307	-.616	.209	.096	-2.134	30	357	-.494	.126	-.112	-1.226	30	413	-.854	.237	-.292	-2.441
30	308	-.604	.146	-.198	-1.310	30	358	-.532	.144	-.169	-1.259	30	414	-.692	.222	-.022	-1.670
30	309	-.594	.122	-.207	-1.208	30	359	-.586	.200	-.084	-1.640	30	415	-.528	.141	.041	-1.279
30	310	-.599	.129	-.162	-1.177	30	360	-.549	.158	-.126	-1.694	30	416	-1.137	.254	-.291	-2.108
30	311	-.569	.129	-.033	-1.511	30	361	-.505	.116	-.142	-1.282	30	417	-.929	.183	-.287	-1.535
30	312	-.490	.116	-.069	-1.151	30	362	-.483	.088	-.202	-.991	30	418	-.608	.129	-.207	-1.158
30	313	-.514	.130	-.047	-1.175	30	363	-.479	.095	-.147	-.925	30	419	-.840	.225	-.314	-1.873
30	314	-.528	.122	-.169	-1.127	30	364	-.508	.124	-.123	-1.249	30	420	-.844	.222	-.318	-1.847
30	315	-.508	.123	-.072	-1.242	30	365	-.557	.149	-.116	-1.342	30	421	-.875	.258	-.070	-2.228
30	316	-.530	.104	-.252	-1.190	30	366	-.491	.126	-.155	-1.313	30	422	-.873	.240	-.145	-1.951
30	317	-.501	.093	-.227	-.978	30	367	-.491	.122	-.143	-1.364	30	423	-.708	.201	-.131	-1.816
30	318	-.562	.112	-.251	-1.073	30	368	-.494	.107	-.161	-1.099	30	424	-.578	.160	-.027	-1.243
30	319	-.512	.135	-.171	-1.225	30	369	-.478	.098	-.234	-1.043	30	425	-.567	.176	-.001	-1.451
30	320	-.500	.121	-.149	-1.188	30	370	-.482	.101	-.223	-1.344	30	426	-.803	.228	-.245	-1.946
30	321	-.484	.102	-.179	-1.048	30	371	-.523	.125	-.204	-1.218	30	427	-.815	.232	-.236	-2.013
30	322	-.479	.088	-.195	-.993	30	372	-.550	.140	-.182	-1.251	30	428	-.851	.237	-.251	-2.016
30	323	-.480	.088	-.227	-1.033	30	373	-.486	.107	-.160	-.920	30	429	-.832	.222	-.055	-1.829
30	324	-.500	.104	-.179	-1.087	30	374	-.494	.110	-.156	-.933	30	430	-.698	.183	-.049	-1.602
30	325	-.505	.113	-.149	-1.117	30	375	-.523	.124	-.231	-1.069	30	431	-.627	.215	.106	-1.819
30	326	-.540	.142	-.084	-1.224	30	376	-.494	.109	-.099	-1.034	30	432	-.651	.237	.008	-2.016

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	433	-.668	.157	-.203	-1.451
30	434	-.676	.152	-.230	-1.422
30	435	-.714	.170	-.274	-1.741
30	436	-.752	.192	-.216	-1.697
30	437	-.752	.221	.014	-2.238
30	438	-.789	.276	.006	-2.380
30	439	-.801	.316	.046	-2.485
30	440	-.694	.160	-.288	-1.645
30	441	-.711	.182	-.206	-1.799
30	442	-.740	.194	-.243	-1.953
30	443	-.780	.254	.013	-1.963
30	444	-.796	.319	.173	-2.368
30	445	-.813	.388	-.030	-2.835
30	446	-.770	.198	-.260	-1.863
30	447	-.779	.209	-.234	-2.393
30	448	-.806	.236	-.184	-2.173
30	449	-.841	.332	.128	-2.293
30	450	-.778	.312	.099	-1.961
30	451	-.755	.377	.166	-2.682
30	452	-.768	.409	.021	-2.602
30	453	-.828	.239	-.104	-2.174
30	454	-.839	.236	-.147	-2.184
30	455	-.886	.310	.033	-2.690
30	456	-.756	.328	.071	-1.974
30	457	-.672	.331	.206	-2.024
30	458	-.696	.362	.081	-2.267
30	459	-.836	.232	-.102	-1.881
30	460	-.847	.233	-.114	-1.931
30	461	-.912	.333	.056	-2.838
30	462	-.875	.345	-.085	-2.924
30	463	-.734	.325	.198	-2.098
30	464	-.639	.285	-.041	-2.288
30	465	-.637	.327	-.008	-3.161
30	466	-.880	.242	-.182	-2.249
30	467	-.903	.261	-.191	-2.430
30	468	-.944	.305	-.218	-2.649
30	469	-.881	.354	.535	-3.146
30	470	-.640	.249	.073	-1.861
30	471	-.518	.206	.123	-1.514
30	472	-.508	.179	-.019	-1.480
30	473	-1.015	.331	-.316	-2.677
30	474	-1.021	.334	-.287	-2.833
30	475	-1.035	.357	-.080	-2.734
30	476	-.515	.214	.240	-1.566
30	477	-.400	.124	.126	-.966
30	478	-.419	.096	-.016	-.914
30	479	-.453	.094	-.185	-.887
30	480	-1.037	.368	-.284	-3.418
30	481	-1.069	.399	-.316	-3.647
30	482	-.651	.352	.991	-1.765
30	483	-.393	.106	-.037	-.917
30	484	-.408	.092	-.126	-.908
30	485	-.424	.081	-.189	-.854
30	486	-.450	.087	-.122	-.894
30	487	-.485	.136	-.125	-1.093
30	488	-.409	.087	-.186	-.848
30	489	-.395	.077	-.154	-.697
30	490	-.457	.100	-.166	-.862
30	491	-.312	.074	.058	-.556
30	492	-.329	.074	-.022	-.616
30	493	-.464	.095	-.174	-.852
30	801	.115	.101	.413	-.508
30	802	.461	.138	.817	-.301
30	803	.109	.112	.421	-.348
30	804	-.911	.237	-.281	-1.905
30	805	-.698	.166	-.256	-1.414
30	806	-.784	.164	-.250	-1.429
30	807	-.687	.154	-.255	-1.259
30	808	-.396	.124	.070	-1.043
30	809	-.362	.100	.004	-.800
30	810	-.555	.114	-.231	-1.190
30	811	-.531	.091	-.283	-.974
30	812	-.572	.113	-.224	-1.096
30	813	-.354	.064	-.127	-.672
30	814	-.333	.048	-.167	-.514
30	815	-.335	.079	-.047	-.618
30	901	-.217	.128	.347	-.751
30	902	.418	.180	1.200	-.032
30	903	-.166	.144	.380	-.718
30	904	-.447	.118	.016	-.996
30	905	-.516	.129	-.176	-1.301
30	906	-.429	.085	-.187	-.749
30	907	-.527	.108	-.264	-1.112
30	908	-.436	.084	-.166	-.842
40	101	-.554	.088	-.289	-.997
40	102	-.379	.098	-.063	-.706
40	103	-.028	.087	.291	-.400
40	104	-.342	.090	-.044	-.739
40	105	-.456	.150	-.053	-1.077
40	106	-.414	.111	-.123	-.922
40	107	-1.043	.304	.200	-2.119
40	108	-.015	.127	.405	-.693
40	109	.144	.136	.529	-.421
40	110	-.056	.143	.346	-.850
40	111	-.781	.211	-.289	-2.294
40	112	.056	.145	.476	-.606
40	113	.212	.146	.587	-.318
40	114	.274	.126	.679	-.130
40	115	-.087	.115	.370	-.558
40	116	.069	.150	.506	-.453
40	117	.616	.169	1.154	-.086
40	118	-.024	.118	.411	-.490
40	119	.130	.149	.695	-.417
40	120	.410	.145	.967	-.115
40	121	.351	.140	.822	-.145
40	122	.303	.138	.820	-.219
40	123	.363	.130	.718	-.151
40	124	.327	.125	.760	-.140
40	125	.074	.120	.439	-.369
40	126	.074	.147	.493	-.517
40	127	.403	.143	.811	-.121
40	128	.654	.148	1.073	.116
40	129	.676	.151	1.095	.165
40	130	.605	.140	1.016	.145
40	131	.303	.120	.693	-.161
40	132	.024	.106	.331	-.365
40	133	.098	.143	.558	-.462
40	134	.391	.138	.823	-.046
40	135	.683	.152	1.149	.182
40	136	.715	.151	1.108	.210
40	137	.614	.141	1.105	.129
40	138	.242	.117	.671	-.207
40	139	-.096	.117	.266	-.642
40	140	.045	.143	.474	-.480
40	141	.335	.142	.766	-.159
40	142	.627	.150	1.036	.081
40	143	.558	.148	1.033	.059
40	144	.201	.127	.691	-.273
40	145	-.111	.131	.390	-.779
40	146	.075	.141	.520	-.485
40	147	.322	.143	.774	-.203
40	148	.613	.149	1.039	.119
40	149	.624	.151	1.085	.158
40	150	.526	.142	.994	.024
40	151	.188	.133	.767	-.370
40	152	-.094	.133	.430	-.673
40	153	-.005	.149	.478	-.533
40	154	.260	.141	.733	-.190
40	155	.540	.151	1.016	.108
40	156	.493	.146	1.017	.094
40	157	.174	.128	.758	-.235
40	158	-.138	.124	.532	-.654
40	159	-.229	.139	.153	-.846
40	160	.143	.133	.590	-.394
40	161	.466	.148	.995	-.025
40	162	.516	.148	1.009	.108
40	163	.437	.145	.986	.012
40	164	.118	.124	.728	-.310
40	165	-.183	.130	.373	-.782
40	166	-.174	.122	.220	-.666

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	167	.100	.125	.535	-.284
40	168	.357	.134	.780	-.044
40	169	.400	.139	.910	-.003
40	170	.339	.133	.830	.001
40	171	.052	.121	.562	-.380
40	172	-.199	.119	.306	-.680
40	173	-.289	.153	.232	-.882
40	174	-.000	.133	.452	-.418
40	175	.290	.129	.723	-.007
40	176	.354	.137	.896	.054
40	177	.292	.133	1.041	-.001
40	178	-.024	.128	.594	-.452
40	179	-.331	.151	.180	-.956
40	180	-.270	.136	.223	-.732
40	181	.006	.120	.462	-.288
40	182	.330	.142	.849	-.013
40	183	.406	.149	.923	.048
40	184	.341	.140	.866	-.015
40	185	-.001	.113	.499	-.345
40	186	-.293	.145	.202	-1.079
40	187	-.193	.103	.215	-.550
40	188	.134	.123	.673	-.210
40	189	.199	.132	.796	-.150
40	190	.240	.127	.788	-.067
40	191	.189	.134	.728	-.288
40	192	.117	.135	.769	-.238
40	193	-.186	.108	.477	-.640
40	201	-.820	.213	-.297	-2.588
40	202	-.716	.144	-.236	-1.366
40	203	-.884	.185	-.242	-1.667
40	204	-1.023	.241	-.410	-2.148
40	205	-.620	.141	-.096	-1.225
40	206	-1.343	.473	-.475	-3.962
40	207	-.570	.142	.030	-1.211
40	208	-.539	.132	-.113	-1.100
40	209	-.754	.172	-.226	-1.398
40	210	-1.020	.235	-.361	-1.914
40	211	-1.057	.264	-.368	-2.488
40	212	-.541	.122	-.088	-1.155
40	213	-.654	.170	-.122	-1.464
40	214	-.994	.252	-.398	-2.131
40	215	-.980	.254	-.387	-2.122
40	216	-.650	.122	-.279	-1.107
40	217	-.929	.197	-.260	-1.905
40	218	-1.025	.240	-.327	-2.106
40	219	-.550	.141	.087	-1.922
40	220	-.553	.139	.006	-1.491
40	221	-.681	.182	-.117	-1.516
40	222	-.891	.224	-.283	-1.988
40	223	-.969	.275	-.380	-2.479
40	224	-.956	.262	-.355	-2.114
40	225	-.942	.258	-.338	-2.117
40	226	-.625	.199	.002	-1.761
40	227	-.613	.186	-.023	-1.890
40	228	-.715	.176	-.079	-1.785
40	229	-.897	.217	-.001	-1.839
40	230	-.953	.269	-.354	-2.462
40	231	-.918	.262	-.339	-2.214
40	232	-.905	.257	-.318	-2.134
40	233	-.794	.334	.061	-2.426
40	234	-.772	.265	-.017	-1.928
40	235	-.814	.238	.041	-1.938
40	236	-.869	.226	-.217	-2.295
40	237	-.830	.221	-.306	-1.846
40	238	-.794	.202	-.299	-1.528
40	239	-.788	.205	-.283	-1.538
40	240	-.805	.343	.140	-2.886
40	241	-.789	.322	.206	-2.549
40	242	-.812	.257	-.051	-2.194
40	243	-.823	.223	-.281	-1.825
40	244	-.791	.209	-.281	-1.762
40	245	-.786	.210	-.294	-1.594
40	246	-.782	.318	.037	-2.282
40	247	-.765	.299	.108	-2.260
40	248	-.808	.254	.013	-1.813
40	249	-.873	.266	-.260	-2.816
40	250	-.832	.226	-.306	-2.155
40	251	-.809	.215	-.283	-2.005
40	252	-.799	.210	-.270	-1.976
40	253	-.790	.325	.097	-2.652
40	254	-.771	.268	.032	-2.134
40	255	-.813	.258	.034	-2.431
40	256	-.858	.237	-.362	-1.831
40	257	-.827	.212	-.301	-2.201
40	258	-.819	.204	-.320	-1.953
40	259	-.782	.294	-.104	-2.576
40	260	-.759	.248	-.049	-2.054
40	261	-.809	.254	.022	-1.976
40	262	-.891	.238	-.234	-2.113
40	263	-.887	.233	-.205	-2.412
40	264	-.856	.210	-.327	-2.167
40	265	-.833	.196	-.326	-1.940
40	266	-.734	.238	-.125	-1.997
40	267	-.735	.242	.057	-1.655
40	268	-.790	.229	-.109	-1.817
40	269	-.897	.270	-.112	-2.279
40	270	-.923	.238	-.359	-1.972
40	271	-.901	.228	-.391	-2.392
40	272	-.887	.219	-.389	-2.247
40	273	-.563	.143	-.190	-1.528
40	274	-.530	.126	-.198	-1.292
40	275	-.533	.165	-.015	-1.294
40	276	-.691	.214	.049	-1.350
40	277	-1.031	.317	-.229	-2.766
40	278	-.993	.278	-.251	-2.708
40	279	-.982	.277	-.218	-2.763
40	280	-.541	.109	-.256	-1.298
40	281	-.512	.098	-.163	-1.131
40	282	-.488	.099	-.198	-.996
40	283	-.505	.142	-.168	-1.108
40	284	-.789	.309	.195	-1.823
40	285	-1.037	.334	-.261	-3.109
40	286	-1.013	.304	-.286	-2.419
40	287	-.365	.093	-.035	-.858
40	288	-.371	.055	-.204	-.610
40	289	-.342	.057	-.128	-.557
40	290	-.541	.111	-.201	-.993
40	291	-.473	.087	-.213	-.854
40	292	-.451	.085	-.192	-.798
40	293	-.523	.141	-.094	-1.043
40	301	-.661	.115	-.283	-1.168
40	302	-.686	.120	-.215	-1.202
40	303	-.673	.127	-.324	-1.359
40	304	-.704	.169	-.199	-1.813
40	305	-.695	.145	-.213	-1.450
40	306	-.716	.198	-.184	-2.108
40	307	-.694	.157	-.141	-1.740
40	308	-.722	.147	-.185	-1.330
40	309	-.707	.157	-.316	-1.737
40	310	-.678	.154	-.246	-1.523
40	311	-.733	.238	-.117	-2.142
40	312	-.636	.134	-.168	-1.249
40	313	-.663	.143	-.250	-1.398
40	314	-.544	.122	-.174	-1.150
40	315	-.532	.124	-.143	-1.107
40	316	-.663	.123	-.289	-1.264
40	317	-.589	.104	-.311	-1.088
40	318	-.603	.123	-.294	-1.202
40	319	-.645	.145	-.212	-1.390
40	320	-.619	.129	-.185	-1.238
40	321	-.570	.103	-.274	-1.045
40	322	-.567	.095	-.310	-.992
40	323	-.563	.110	-.260	-1.361
40	324	-.555	.122	-.128	-1.299
40	325	-.558	.131	-.177	-1.441
40	326	-.657	.147	-.229	-1.441
40	327	-.622	.131	-.212	-1.309
40	328	-.582	.103	-.270	-1.190
40	329	-.563	.110	-.267	-1.474
40	330	-.557	.117	-.255	-1.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	331	-.555	.132	-.172	-1.321
40	332	-.559	.133	-.154	-1.387
40	333	-.648	.175	-.238	-1.803
40	334	-.602	.144	-.277	-1.695
40	335	-.554	.117	-.198	-1.659
40	336	-.549	.114	-.194	-1.321
40	337	-.565	.153	-.184	-1.944
40	338	-.594	.168	-.100	-1.535
40	339	-.633	.196	-.043	-1.576
40	340	-.645	.203	-.099	-1.694
40	341	-.598	.170	-.151	-1.476
40	342	-.536	.114	-.129	-1.126
40	343	-.556	.149	-.164	-1.461
40	344	-.598	.172	-.080	-1.620
40	345	-.662	.220	-.022	-1.615
40	346	-.661	.209	-.167	-1.790
40	347	-.625	.191	-.164	-1.756
40	348	-.566	.139	-.227	-1.380
40	349	-.554	.125	-.149	-1.269
40	350	-.575	.153	-.167	-1.819
40	351	-.618	.189	-.114	-1.590
40	352	-.652	.202	-.068	-1.501
40	353	-.662	.205	-.055	-1.812
40	354	-.629	.170	-.172	-1.494
40	355	-.587	.140	-.195	-1.464
40	356	-.582	.141	-.215	-1.421
40	357	-.628	.182	-.187	-1.455
40	358	-.664	.191	-.177	-1.460
40	359	-.685	.199	-.043	-1.714
40	360	-.644	.167	-.106	-1.525
40	361	-.610	.144	-.198	-1.754
40	362	-.598	.114	-.263	-1.281
40	363	-.618	.141	-.155	-1.407
40	364	-.648	.165	-.246	-1.413
40	365	-.675	.189	-.121	-1.704
40	366	-.599	.145	-.212	-1.535
40	367	-.594	.143	-.148	-1.630
40	368	-.585	.126	-.296	-1.209
40	369	-.591	.122	-.285	-1.648
40	370	-.626	.152	-.277	-1.460
40	371	-.655	.169	-.245	-1.454
40	372	-.671	.178	-.237	-1.423
40	373	-.542	.118	-.179	-1.175
40	374	-.550	.121	-.255	-1.282
40	375	-.583	.135	-.268	-1.400
40	376	-.522	.113	-.151	-1.182
40	377	-.491	.120	-.041	-1.110
40	378	-.587	.155	-.240	-2.578
40	379	-.569	.130	-.246	-1.194
40	380	-.548	.118	-.246	-1.337
40	381	-.555	.115	-.271	-1.330
40	382	-.577	.121	-.317	-1.378
40	383	-.564	.108	-.281	-1.224
40	384	-.495	.088	-.170	-.959
40	385	-.559	.135	-.273	-1.542
40	386	-.557	.125	-.287	-1.408
40	387	-.659	.154	-.258	-1.264
40	388	-.584	.156	-.133	-1.442
40	389	-.371	.107	.086	-.762
40	390	-.416	.112	-.097	-1.126
40	391	-.388	.076	-.058	-.669
40	392	-.366	.057	-.158	-.572
40	393	-.368	.045	-.213	-.517
40	394	-.392	.058	-.181	-.614
40	401	-.699	.142	-.258	-2.351
40	402	-.818	.204	-.403	-2.097
40	403	-.798	.175	-.344	-1.638
40	404	-.757	.153	-.236	-1.635
40	405	-.994	.414	-.322	-3.792
40	406	-.691	.139	-.208	-1.721
40	407	-.781	.184	-.299	-2.182
40	408	-.782	.173	-.325	-1.835
40	409	-.785	.169	-.364	-1.648
40	410	-.692	.146	-.221	-1.360
40	411	-.657	.150	-.022	-1.368
40	412	-.740	.181	-.340	-1.850
40	413	-.756	.180	-.327	-1.817
40	414	-.686	.167	-.029	-1.706
40	415	-.679	.175	-.067	-1.771
40	416	-1.014	.242	-.392	-2.442
40	417	-.994	.200	-.445	-1.780
40	418	-.750	.138	-.308	-1.280
40	419	-.690	.159	-.322	-1.630
40	420	-.696	.158	-.343	-1.781
40	421	-.711	.164	-.347	-1.707
40	422	-.751	.182	-.311	-1.728
40	423	-.712	.165	-.240	-1.848
40	424	-.690	.173	-.125	-1.843
40	425	-.732	.226	-.028	-2.395
40	426	-.679	.162	-.293	-1.649
40	427	-.685	.165	-.270	-1.677
40	428	-.707	.171	-.330	-1.717
40	429	-.724	.182	-.253	-1.971
40	430	-.712	.165	-.184	-1.761
40	431	-.777	.249	.012	-2.172
40	432	-.791	.258	-.172	-2.368
40	433	-.658	.152	-.273	-1.633
40	434	-.662	.148	-.308	-1.621
40	435	-.680	.158	-.329	-1.776
40	436	-.709	.178	-.318	-1.865
40	437	-.757	.203	-.121	-1.854
40	438	-.804	.282	-.116	-2.615
40	439	-.814	.324	-.109	-3.281
40	440	-.691	.167	-.266	-1.536
40	441	-.710	.190	-.278	-1.611
40	442	-.728	.196	-.288	-1.708
40	443	-.796	.265	.012	-2.338
40	444	-.832	.341	.021	-2.751
40	445	-.867	.413	.232	-3.439
40	446	-.767	.217	-.074	-1.793
40	447	-.772	.223	.022	-1.813
40	448	-.793	.237	.006	-1.947
40	449	-.813	.296	-.008	-2.606
40	450	-.801	.282	-.069	-2.075
40	451	-.825	.373	.141	-2.966
40	452	-.841	.492	.031	-2.816
40	453	-.780	.211	-.224	-1.866
40	454	-.784	.208	-.283	-1.841
40	455	-.806	.236	.037	-2.340
40	456	-.800	.270	-.026	-2.445
40	457	-.782	.329	.136	-2.663
40	458	-.799	.350	-.022	-2.924
40	459	-.827	.206	-.200	-1.759
40	460	-.835	.206	-.271	-1.796
40	461	-.876	.269	-.258	-3.422
40	462	-.877	.285	.046	-2.513
40	463	-.790	.273	.037	-1.994
40	464	-.737	.258	-.026	-1.967
40	465	-.750	.316	-.016	-2.915
40	466	-.892	.233	-.373	-2.301
40	467	-.903	.250	-.354	-2.726
40	468	-.940	.293	-.271	-3.195
40	469	-.878	.289	-.006	-2.621
40	470	-.707	.231	.038	-1.958
40	471	-.619	.209	.096	-1.744
40	472	-.611	.185	-.095	-1.937
40	473	-1.011	.298	-.330	-2.511
40	474	-1.040	.326	-.334	-2.849
40	475	-1.056	.341	.043	-2.807
40	476	-.580	.219	.267	-1.319
40	477	-.455	.126	-.023	-.959
40	478	-.464	.097	-.084	-.900
40	479	-.506	.102	-.156	-.958
40	480	-1.042	.345	-.233	-2.959
40	481	-1.073	.369	-.271	-3.076
40	482	-.704	.361	.670	-2.008
40	483	-.424	.110	-.081	-.849
40	484	-.453	.089	-.171	-.816
40	485	-.491	.084	-.226	-.870
40	486	-.507	.096	-.204	-.962

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	487	-.435	.106	-.109	-.988
40	488	-.389	.074	-.146	-.713
40	489	-.396	.065	-.164	-.669
40	490	-.477	.096	-.192	-.883
40	491	-.349	.075	-.016	-.595
40	492	-.359	.075	-.025	-.621
40	493	-.519	.108	-.137	-.915
40	801	.093	.104	.435	-.338
40	802	.390	.136	.777	-.224
40	803	-.047	.108	.260	-.464
40	804	-.797	.203	-.299	-1.985
40	805	-1.057	.232	-.369	-1.937
40	806	-.792	.180	-.257	-1.620
40	807	-.767	.143	-.258	-1.255
40	808	-.498	.117	-.039	-1.356
40	809	-.437	.117	.001	-1.165
40	810	-.641	.120	-.328	-1.204
40	811	-.576	.096	-.294	-1.204
40	812	-.608	.126	-.225	-1.258
40	813	-.398	.064	-.185	-.643
40	814	-.369	.050	-.208	-.552
40	815	-.372	.078	-.052	-.678
40	901	-.182	.134	.300	-.815
40	902	.444	.155	1.107	.053
40	903	-.225	.128	.391	-.735
40	904	-.476	.108	-.098	-.971
40	905	-.577	.133	-.227	-1.344
40	906	-.486	.091	-.241	-.921
40	907	-.585	.125	-.319	-1.148
40	908	-.488	.087	-.216	-.947
50	101	-.533	.067	-.294	-.809
50	102	-.343	.084	-.013	-.644
50	103	-.032	.088	.238	-.329
50	104	-.353	.066	-.129	-.648
50	105	-.442	.136	.001	-.875
50	106	-.440	.083	-.123	-.771
50	107	-1.210	.344	.091	-2.147
50	108	-.004	.138	.389	-.835
50	109	.129	.134	.580	-.390
50	110	-.085	.137	.409	-.906
50	111	-.728	.135	-.284	-1.433
50	112	.140	.143	.687	-.544
50	113	.182	.140	.639	-.353
50	114	.226	.125	.602	-.168
50	115	-.162	.094	.183	-.526
50	116	.172	.155	.647	-.382
50	117	.597	.173	1.255	-.080
50	118	-.088	.097	.257	-.436
50	119	.193	.149	.773	-.424
50	120	.476	.149	.958	-.039
50	121	.363	.136	.733	-.181
50	122	.278	.136	.669	-.271
50	123	.308	.128	.696	-.264
50	124	.228	.116	.595	-.226
50	125	-.004	.102	.346	-.402
50	126	.103	.131	.609	-.461
50	127	.460	.142	1.046	-.153
50	128	.675	.152	1.147	.145
50	129	.642	.147	1.028	.196
50	130	.533	.132	.954	.122
50	131	.212	.108	.556	-.130
50	132	-.053	.088	.219	-.355
50	133	.139	.129	.580	-.518
50	134	.450	.132	.839	-.103
50	135	.708	.151	1.158	.221
50	136	.700	.150	1.110	.252
50	137	.554	.143	.979	.105
50	138	.180	.110	.519	-.146
50	139	-.137	.096	.201	-.458
50	140	.080	.133	.505	-.367
50	141	.389	.146	.807	-.090
50	142	.655	.154	1.087	.139
50	143	.528	.141	.967	.094
50	144	.174	.112	.570	-.241
50	145	-.128	.094	.189	-.461
50	146	.095	.130	.554	-.459
50	147	.351	.140	.850	-.190
50	148	.610	.144	1.067	.192
50	149	.589	.147	1.068	.201
50	150	.471	.132	.914	.104
50	151	.142	.108	.509	-.177
50	152	-.113	.094	.207	-.440
50	153	.015	.140	.496	-.469
50	154	.285	.142	.767	-.138
50	155	.526	.150	1.039	.124
50	156	.424	.130	.933	.053
50	157	.129	.112	.548	-.223
50	158	-.162	.092	.219	-.499
50	159	-.201	.152	.313	-.822
50	160	.187	.145	.694	-.176
50	161	.460	.145	1.004	-.011
50	162	.481	.136	.984	.094
50	163	.388	.128	.832	.041
50	164	.084	.105	.483	-.226
50	165	-.202	.100	.211	-.668
50	166	-.145	.131	.564	-.581
50	167	.127	.132	.800	-.267
50	168	.359	.126	.796	.023
50	169	.390	.134	.977	.043
50	170	.315	.127	.837	-.068
50	171	.030	.110	.459	-.304
50	172	-.210	.099	.180	-.561
50	173	-.264	.124	.130	-.771
50	174	.019	.120	.456	-.420
50	175	.290	.115	.766	-.003
50	176	.346	.118	.894	.089
50	177	.285	.111	.754	.031
50	178	-.002	.113	.508	-.483
50	179	-.293	.119	.215	-.837
50	180	-.251	.115	.185	-.689
50	181	.027	.095	.374	-.228
50	182	.342	.125	.920	.039
50	183	.404	.130	.954	.091
50	184	.331	.119	.795	.028
50	185	.010	.091	.366	-.342
50	186	-.244	.113	.188	-.749
50	187	-.174	.090	.217	-.482
50	188	.167	.115	.643	-.184
50	189	.232	.121	.779	-.090
50	190	.247	.109	.769	-.046
50	191	.207	.111	.679	-.112
50	192	.141	.107	.603	-.135
50	193	-.147	.085	.406	-.472
50	201	-.737	.125	-.405	-1.583
50	202	-.536	.092	-.220	-.959
50	203	-.822	.196	-.232	-1.526
50	204	-1.078	.148	-.520	-1.622
50	205	-.568	.105	-.283	-1.168
50	206	-1.619	.358	-.663	-3.123
50	207	-.608	.124	-.241	-1.231
50	208	-.355	.066	-.105	-.728
50	209	-.343	.098	-.091	-1.060
50	210	-.916	.258	-.236	-1.976
50	211	-1.442	.252	-.469	-2.353
50	212	-.511	.079	-.272	-.809
50	213	-.720	.170	-.260	-1.411
50	214	-1.186	.244	-.255	-2.449
50	215	-1.298	.248	-.515	-3.215
50	216	-.557	.092	-.258	-.969
50	217	-.585	.119	-.183	-1.305
50	218	-.918	.233	-.155	-1.729
50	219	-.527	.083	-.274	-1.043
50	220	-.468	.071	-.221	-.877
50	221	-.375	.089	-.155	-1.007
50	222	-.476	.196	-.106	-1.544
50	223	-1.095	.356	.002	-2.638
50	224	-1.293	.240	-.543	-3.397
50	225	-1.257	.230	-.549	-2.751
50	226	-.510	.084	-.250	-.899
50	227	-.441	.081	-.112	-.904

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	228	-.338	.119	-.043	-1.131	50	278	-1.009	.229	-.361	-1.968	50	335	-.564	.098	-.279	-1.309
50	229	-.605	.294	.159	-1.725	50	279	-.993	.230	-.344	-2.001	50	336	-.571	.104	-.333	-1.352
50	230	-1.236	.270	-.234	-2.218	50	280	-.562	.082	-.354	-.968	50	337	-.563	.113	-.254	-1.433
50	231	-1.222	.229	-.557	-2.091	50	281	-.525	.078	-.227	-1.005	50	338	-.551	.115	-.181	-1.245
50	232	-1.202	.220	-.571	-1.954	50	282	-.474	.093	-.135	-.877	50	339	-.555	.127	-.163	-1.342
50	233	-.538	.164	-.054	-1.436	50	283	-.470	.141	-.012	-.982	50	340	-.593	.134	-.065	-1.407
50	234	-.527	.166	-.061	-1.260	50	284	-.795	.315	-.211	-1.716	50	341	-.569	.116	-.120	-1.306
50	235	-.682	.285	.160	-1.553	50	285	-1.041	.278	-.285	-3.150	50	342	-.545	.085	-.231	-1.013
50	236	-.990	.273	.054	-1.956	50	286	-1.017	.250	-.388	-2.110	50	343	-.566	.123	-.203	-1.406
50	237	-1.097	.194	-.173	-2.004	50	287	-.448	.077	-.150	-.716	50	344	-.562	.132	-.129	-1.326
50	238	-1.047	.160	-.507	-1.717	50	288	-.415	.048	-.233	-.586	50	345	-.576	.154	.035	-1.379
50	239	-1.036	.163	-.487	-1.804	50	289	-.334	.049	-.151	-.559	50	346	-.618	.141	-.236	-1.612
50	240	-.598	.231	.177	-1.833	50	290	-.475	.113	-.157	-.946	50	347	-.590	.126	-.246	-1.422
50	241	-.570	.224	.317	-1.745	50	291	-.411	.089	-.160	-.787	50	348	-.565	.095	-.231	-1.125
50	242	-.726	.282	-.043	-1.659	50	292	-.392	.086	-.110	-.704	50	349	-.575	.099	-.244	-1.334
50	243	-1.082	.199	-.490	-2.045	50	293	-.481	.139	-.037	-1.127	50	350	-.581	.112	-.217	-1.412
50	244	-1.032	.169	-.492	-1.641	50	301	-.652	.092	-.284	-1.072	50	351	-.580	.132	-.166	-1.152
50	245	-1.023	.180	-.391	-1.913	50	302	-.661	.096	-.408	-1.311	50	352	-.587	.138	-.158	-1.155
50	246	-.603	.204	-.040	-2.081	50	303	-.652	.102	-.341	-1.154	50	353	-.651	.137	-.237	-1.440
50	247	-.599	.221	.069	-2.191	50	304	-.658	.106	-.328	-1.127	50	354	-.619	.108	-.284	-1.161
50	248	-.735	.285	.041	-1.843	50	305	-.704	.096	-.347	-1.201	50	355	-.591	.089	-.298	-1.157
50	249	-.971	.286	.042	-2.061	50	306	-.663	.116	-.329	-1.521	50	356	-.601	.116	-.250	-1.480
50	250	-1.067	.213	-.162	-2.239	50	307	-.715	.105	-.343	-1.261	50	357	-.595	.124	-.251	-1.250
50	251	-1.032	.190	-.401	-1.804	50	308	-.722	.103	-.352	-1.217	50	358	-.603	.128	-.267	-1.278
50	252	-1.016	.183	-.386	-1.880	50	309	-.693	.136	-.364	-1.810	50	359	-.683	.141	-.275	-1.562
50	253	-.617	.209	-.045	-1.798	50	310	-.690	.133	-.336	-1.645	50	360	-.638	.112	-.293	-1.328
50	254	-.605	.197	-.064	-1.684	50	311	-.767	.190	-.279	-2.369	50	361	-.616	.093	-.291	-1.189
50	255	-.726	.293	.129	-1.720	50	312	-.648	.103	-.369	-1.165	50	362	-.612	.092	-.312	-1.164
50	256	-1.056	.217	-.061	-2.144	50	313	-.692	.115	-.399	-1.219	50	363	-.621	.115	-.317	-1.460
50	257	-1.035	.201	-.416	-2.071	50	314	-.575	.100	-.233	-1.040	50	364	-.618	.126	-.272	-1.437
50	258	-1.022	.192	-.402	-1.896	50	315	-.545	.103	-.196	-1.017	50	365	-.635	.149	-.221	-1.613
50	259	-.646	.181	.016	-1.699	50	316	-.617	.093	-.381	-1.070	50	366	-.661	.127	-.276	-1.383
50	260	-.617	.178	-.006	-1.400	50	317	-.564	.084	-.350	-1.008	50	367	-.644	.120	-.263	-1.290
50	261	-.694	.271	.141	-1.832	50	318	-.721	.117	-.348	-1.361	50	368	-.620	.099	-.224	-1.098
50	262	-.904	.274	-.064	-1.887	50	319	-.652	.101	-.355	-1.145	50	369	-.602	.091	-.303	-1.037
50	263	-1.051	.241	-.082	-2.362	50	320	-.635	.091	-.347	-1.068	50	370	-.617	.108	-.310	-1.152
50	264	-1.025	.208	-.455	-2.104	50	321	-.582	.092	-.329	-1.011	50	371	-.610	.117	-.244	-1.124
50	265	-1.020	.206	-.515	-2.220	50	322	-.585	.098	-.319	-1.197	50	372	-.604	.121	-.262	-1.127
50	266	-.604	.155	-.246	-1.479	50	323	-.616	.103	-.291	-1.188	50	373	-.608	.098	-.276	-1.008
50	267	-.586	.186	-.065	-1.509	50	324	-.574	.097	-.238	-1.051	50	374	-.620	.102	-.305	-1.031
50	268	-.636	.235	-.010	-1.456	50	325	-.570	.099	-.237	-.992	50	375	-.635	.111	-.191	-1.097
50	269	-.834	.287	.067	-1.997	50	326	-.642	.109	-.346	-1.268	50	376	-.582	.098	-.124	-.981
50	270	-1.001	.244	-.087	-2.144	50	327	-.620	.101	-.253	-1.150	50	377	-.601	.114	-.001	-1.164
50	271	-1.006	.230	-.506	-2.128	50	328	-.595	.090	-.369	-1.070	50	378	-.624	.120	-.339	-1.366
50	272	-.984	.216	-.499	-1.940	50	329	-.595	.106	-.310	-1.738	50	379	-.606	.110	-.300	-1.166
50	273	-.554	.093	-.285	-.971	50	330	-.592	.109	-.312	-1.569	50	380	-.613	.097	-.337	-1.010
50	274	-.507	.087	-.227	-.896	50	331	-.576	.109	-.270	-1.392	50	381	-.620	.096	-.343	-1.033
50	275	-.460	.137	-.091	-1.053	50	332	-.570	.106	-.283	-1.312	50	382	-.625	.096	-.349	-1.016
50	276	-.586	.219	.031	-1.373	50	333	-.612	.134	-.268	-1.742	50	383	-.598	.081	-.361	-.924
50	277	-1.032	.289	-.061	-2.196	50	334	-.582	.112	-.217	-1.586	50	384	-.567	.088	-.285	-.922

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	385	-.613	.112	-.341	-1.388
50	386	-.602	.108	-.334	-1.279
50	387	-.668	.114	-.339	-1.084
50	388	-.566	.140	-.132	-1.283
50	389	-.539	.129	-.127	-1.105
50	390	-.565	.106	-.241	-1.060
50	391	-.422	.063	-.181	-.667
50	392	-.405	.053	-.159	-.615
50	393	-.425	.050	-.232	-.604
50	394	-.467	.064	-.233	-.750
50	401	-.659	.080	-.390	-.993
50	402	-.673	.090	-.420	-1.427
50	403	-.680	.090	-.428	-1.119
50	404	-.683	.095	-.445	-1.351
50	405	-.732	.139	-.417	-2.118
50	406	-.688	.101	-.373	-1.447
50	407	-.700	.111	-.413	-1.508
50	408	-.700	.098	-.435	-1.198
50	409	-.740	.126	-.349	-1.432
50	410	-.722	.114	-.353	-1.355
50	411	-.706	.111	-.393	-1.287
50	412	-.674	.105	-.386	-1.292
50	413	-.690	.117	-.393	-1.496
50	414	-.698	.117	-.316	-1.723
50	415	-.698	.129	-.290	-1.666
50	416	-.959	.173	-.455	-2.116
50	417	-.980	.151	-.559	-1.630
50	418	-.754	.117	-.415	-1.254
50	419	-.657	.103	-.396	-1.297
50	420	-.662	.102	-.403	-1.309
50	421	-.671	.113	-.395	-1.291
50	422	-.693	.122	-.383	-1.470
50	423	-.702	.122	-.413	-1.538
50	424	-.704	.137	-.386	-1.800
50	425	-.691	.135	-.344	-1.425
50	426	-.621	.084	-.333	-.946
50	427	-.625	.086	-.312	-.957
50	428	-.634	.085	-.300	-.958
50	429	-.662	.105	-.354	-1.576
50	430	-.678	.107	-.306	-1.467
50	431	-.714	.153	-.371	-1.782
50	432	-.721	.155	-.376	-1.699
50	433	-.633	.107	-.320	-1.357
50	434	-.635	.103	-.346	-1.351
50	435	-.648	.109	-.352	-1.469
50	436	-.668	.119	-.369	-1.963
50	437	-.698	.145	-.288	-1.989
50	438	-.743	.211	-.304	-2.276
50	439	-.760	.248	-.278	-3.517
50	440	-.623	.108	-.310	-1.250

WL	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	441	-.629	.120	-.332	-1.559
50	442	-.640	.123	-.348	-1.728
50	443	-.698	.167	-.177	-1.700
50	444	-.747	.254	-.263	-2.503
50	445	-.769	.305	-.154	-3.260
50	446	-.640	.118	-.353	-1.596
50	447	-.643	.120	-.349	-1.607
50	448	-.654	.123	-.354	-2.066
50	449	-.677	.146	-.339	-1.820
50	450	-.712	.170	-.259	-1.685
50	451	-.761	.274	-.091	-2.621
50	452	-.773	.287	-.129	-2.686
50	453	-.674	.116	-.322	-1.305
50	454	-.676	.114	-.361	-1.286
50	455	-.687	.121	-.356	-1.390
50	456	-.725	.163	-.359	-2.076
50	457	-.776	.239	-.059	-2.406
50	458	-.789	.258	-.127	-2.370
50	459	-.736	.124	-.366	-1.398
50	460	-.738	.122	-.371	-1.366
50	461	-.744	.131	-.412	-1.379
50	462	-.759	.147	-.433	-1.656
50	463	-.761	.166	-.369	-1.848
50	464	-.782	.200	-.295	-2.017
50	465	-.796	.247	-.244	-2.196
50	466	-.794	.135	-.497	-1.678
50	467	-.798	.139	-.482	-1.718
50	468	-.810	.149	-.490	-1.844
50	469	-.821	.169	-.412	-1.723
50	470	-.768	.153	-.219	-1.455
50	471	-.721	.167	-.150	-1.432
50	472	-.715	.168	-.179	-1.605
50	473	-.868	.190	-.413	-1.928
50	474	-.899	.213	-.415	-1.991
50	475	-.926	.232	-.490	-2.122
50	476	-.719	.166	-.009	-1.420
50	477	-.567	.123	-.122	-1.023
50	478	-.563	.100	-.244	-1.039
50	479	-.586	.092	-.311	-1.028
50	480	-.862	.242	-.371	-1.937
50	481	-.873	.248	-.384	-2.177
50	482	-.783	.232	-.237	-1.730
50	483	-.511	.123	-.127	-1.008
50	484	-.522	.084	-.216	-.817
50	485	-.551	.078	-.295	-.835
50	486	-.577	.088	-.332	-.930
50	487	-.414	.084	-.160	-.750
50	488	-.395	.066	-.209	-.699
50	489	-.434	.058	-.263	-.682
50	490	-.532	.085	-.276	-.898

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	491	-.430	.071	-.150	-.693
50	492	-.412	.067	-.110	-.625
50	493	-.605	.099	-.218	-.954
50	801	.113	.104	.408	-.256
50	802	.379	.139	.763	-.207
50	803	-.054	.087	.225	-.404
50	804	-.740	.127	-.345	-1.569
50	805	-.916	.263	-.211	-1.703
50	806	-.744	.120	-.407	-1.318
50	807	-.438	.082	-.229	-.909
50	808	-.474	.090	-.107	-1.111
50	809	-.222	.117	.146	-.698
50	810	-.630	.089	-.341	-1.075
50	811	-.567	.076	-.343	-.934
50	812	-.616	.110	-.312	-1.127
50	813	-.455	.059	-.166	-.700
50	814	-.414	.048	-.224	-.591
50	815	-.411	.072	-.108	-.676
50	901	-.158	.110	.273	-.720
50	902	.428	.143	1.111	.086
50	903	-.238	.102	.316	-.608
50	904	-.557	.102	-.194	-.973
50	905	-.542	.138	-.200	-1.178
50	906	-.561	.081	-.336	-.857
50	907	-.620	.089	-.398	-1.193
50	908	-.522	.077	-.275	-.875
60	101	-.450	.054	-.239	-.719
60	102	-.166	.086	.160	-.586
60	103	-.010	.084	.249	-.343
60	104	-.341	.051	-.119	-.599
60	105	-.078	.150	.483	-.691
60	106	-.431	.055	-.227	-.604
60	107	-.771	.202	-.033	-1.614
60	108	.062	.167	.515	-.824
60	109	.100	.128	.481	-.605
60	110	-.114	.136	.198	-.717
60	111	-.672	.087	-.335	-1.077
60	112	.377	.142	.800	-.134
60	113	.242	.127	.562	-.142
60	114	.131	.113	.494	-.302
60	115	-.252	.076	-.003	-.610
60	116	.403	.169	.895	-.209
60	117	.498	.169	1.010	-.209
60	118	-.165	.073	.115	-.435
60	119	.457	.137	.864	-.098
60	120	.609	.136	.972	.068
60	121	.425	.135	.879	-.137
60	122	.289	.126	.683	-.164
60	123	.273	.114	.594	-.158
60	124	.132	.095	.490	-.254

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	125	-.104	.077	.186	-.424	60	175	.309	.105	.703	.060	60	232	-.728	.179	-.068	-1.365
60	126	.408	.146	.884	-.109	60	176	.323	.103	.766	.090	60	233	-.469	.050	-.218	-.803
60	127	.632	.153	1.084	.045	60	177	.237	.096	.716	-.006	60	234	-.390	.047	-.106	-.780
60	128	.689	.147	1.082	.133	60	178	-.039	.098	.468	-.307	60	235	-.236	.088	.095	-.968
60	129	.582	.143	.975	.137	60	179	-.324	.100	.090	-.718	60	236	-.258	.232	.189	-1.326
60	130	.430	.124	.806	.055	60	180	-.091	.112	.492	-.469	60	237	-.655	.312	.273	-1.788
60	131	.094	.094	.409	-.198	60	181	.125	.100	.696	-.148	60	238	-.751	.157	-.285	-1.435
60	132	-.149	.071	.080	-.379	60	182	.362	.122	.854	.044	60	239	-.734	.160	-.240	-1.527
60	133	.367	.154	.889	-.147	60	183	.388	.120	.886	.083	60	240	-.507	.052	-.301	-.739
60	134	.587	.152	1.054	.087	60	184	.298	.107	.721	.045	60	241	-.423	.062	-.120	-.913
60	135	.707	.150	1.114	.222	60	185	-.021	.081	.282	-.273	60	242	-.276	.109	-.020	-1.035
60	136	.631	.136	1.017	.183	60	186	-.267	.089	.025	-.627	60	243	-.727	.314	.194	-1.654
60	137	.461	.117	.859	.026	60	187	-.063	.086	.351	-.380	60	244	-.793	.172	-.280	-1.651
60	138	.079	.083	.396	-.217	60	188	.180	.098	.639	-.037	60	245	-.768	.170	-.113	-1.616
60	139	-.211	.067	.050	-.420	60	189	.230	.103	.713	-.049	60	246	-.506	.053	-.273	-.742
60	140	.305	.152	.865	-.247	60	190	.239	.099	.682	-.024	60	247	-.437	.062	-.178	-.822
60	141	.553	.154	1.035	.041	60	191	.187	.097	.593	-.120	60	248	-.300	.112	.059	-1.060
60	142	.684	.150	1.122	.140	60	192	.127	.093	.520	-.116	60	249	-.363	.273	.213	-1.310
60	143	.438	.120	.839	-.010	60	193	-.162	.068	.180	-.402	60	250	-.720	.300	.141	-1.669
60	144	.065	.086	.423	-.244	60	201	-.623	.064	-.403	-.922	60	251	-.807	.177	-.203	-1.841
60	145	-.224	.068	.070	-.489	60	202	-.469	.047	-.287	-.645	60	252	-.788	.170	-.209	-1.746
60	146	.301	.145	.841	-.229	60	203	-.270	.114	-.069	-1.074	60	253	-.516	.066	-.250	-1.057
60	147	.489	.147	.996	.020	60	204	-.771	.140	-.278	-1.284	60	254	-.450	.071	-.161	-1.007
60	148	.622	.140	1.032	.158	60	205	-.515	.064	-.342	-.879	60	255	-.343	.148	-.002	-1.317
60	149	.571	.140	1.091	.169	60	206	-.839	.251	-.157	-1.974	60	256	-.772	.298	.184	-1.815
60	150	.408	.121	.874	.045	60	207	-.702	.116	-.282	-1.157	60	257	-.845	.177	-.225	-1.687
60	151	.052	.094	.427	-.260	60	208	-.303	.054	-.125	-.518	60	258	-.827	.168	-.208	-1.430
60	152	-.201	.075	.095	-.464	60	209	-.237	.066	-.047	-.582	60	259	-.617	.074	-.374	-1.107
60	153	.218	.157	.726	-.273	60	210	-.424	.148	-.078	-1.256	60	260	-.517	.072	-.197	-1.053
60	154	.429	.152	1.012	-.043	60	211	-.798	.225	-.182	-1.622	60	261	-.391	.162	.015	-1.274
60	155	.569	.146	1.206	.192	60	212	-.482	.050	-.329	-.670	60	262	-.478	.278	.064	-1.535
60	156	.373	.118	.777	.040	60	213	-.609	.120	-.246	-1.096	60	263	-.737	.302	.215	-1.869
60	157	.048	.103	.473	-.345	60	214	-.526	.214	-.045	-1.309	60	264	-.810	.174	-.128	-1.610
60	158	-.240	.081	.107	-.533	60	215	-.889	.269	-.191	-2.890	60	265	-.816	.177	-.241	-1.751
60	159	.012	.168	.622	-.507	60	216	-.466	.055	-.294	-.682	60	266	-.542	.076	-.273	-.896
60	160	.312	.155	.830	-.119	60	217	-.378	.070	-.077	-.748	60	267	-.480	.090	-.187	-.947
60	161	.479	.138	1.012	.046	60	218	-.351	.132	-.001	-.972	60	268	-.411	.144	-.077	-1.264
60	162	.448	.121	.931	.112	60	219	-.475	.049	-.302	-.684	60	269	-.508	.248	.065	-1.395
60	163	.324	.111	.764	-.040	60	220	-.376	.044	-.232	-.541	60	270	-.724	.244	.073	-1.718
60	164	.004	.092	.398	-.284	60	221	-.212	.051	-.043	-.515	60	271	-.804	.186	-.268	-1.742
60	165	-.276	.087	.092	-.533	60	222	-.184	.066	-.006	-.724	60	272	-.788	.176	-.315	-1.624
60	166	.047	.138	.577	-.478	60	223	-.270	.224	.157	-1.273	60	273	-.575	.073	-.347	-.891
60	167	.247	.139	.749	-.158	60	224	-.805	.216	-.047	-2.011	60	274	-.500	.063	-.263	-.858
60	168	.396	.129	.877	.045	60	225	-.815	.215	-.111	-1.964	60	275	-.378	.090	-.124	-.839
60	169	.370	.125	.866	.085	60	226	-.472	.043	-.317	-.638	60	276	-.407	.166	-.039	-1.228
60	170	.274	.109	.690	.017	60	227	-.381	.040	-.171	-.607	60	277	-.652	.275	.062	-1.737
60	171	-.020	.090	.474	-.300	60	228	-.211	.046	.011	-.571	60	278	-.719	.196	.065	-1.735
60	172	-.257	.082	.240	-.564	60	229	-.129	.115	.168	-.833	60	279	-.707	.191	-.084	-1.736
60	173	-.056	.134	.536	-.621	60	230	-.457	.315	.241	-1.402	60	280	-.558	.067	-.377	-.877
60	174	.131	.120	.721	-.251	60	231	-.752	.187	-.025	-1.398	60	281	-.483	.059	-.275	-.807

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	282	-.360	.075	-.080	-.641
60	283	-.288	.106	.068	-.794
60	284	-.488	.266	.168	-1.497
60	285	-.700	.255	.096	-1.843
60	286	-.681	.238	.003	-1.659
60	287	-.568	.066	-.320	-.807
60	288	-.437	.043	-.302	-.589
60	289	-.314	.045	-.143	-.504
60	290	-.318	.100	-.037	-.726
60	291	-.286	.078	-.039	-.578
60	292	-.265	.080	-.001	-.613
60	293	-.281	.104	.010	-.733
60	301	-.608	.059	-.405	-.878
60	302	-.626	.058	-.446	-.949
60	303	-.625	.061	-.434	-.949
60	304	-.616	.059	-.421	-1.008
60	305	-.652	.070	-.434	-.948
60	306	-.615	.086	-.392	-1.180
60	307	-.659	.072	-.456	-1.008
60	308	-.653	.069	-.472	-.957
60	309	-.668	.092	-.420	-1.129
60	310	-.638	.085	-.421	-1.162
60	311	-.679	.116	-.417	-1.530
60	312	-.613	.066	-.406	-.857
60	313	-.662	.080	-.403	-.956
60	314	-.574	.064	-.333	-.782
60	315	-.559	.066	-.312	-.783
60	316	-.547	.059	-.379	-.811
60	317	-.566	.068	-.367	-.832
60	318	-.753	.097	-.478	-1.113
60	319	-.613	.070	-.336	-.854
60	320	-.600	.069	-.309	-.830
60	321	-.564	.071	-.347	-.898
60	322	-.577	.077	-.372	-.996
60	323	-.602	.065	-.424	-.854
60	324	-.563	.061	-.391	-.816
60	325	-.558	.061	-.350	-.738
60	326	-.606	.065	-.365	-.873
60	327	-.591	.066	-.319	-.807
60	328	-.569	.058	-.384	-.760
60	329	-.570	.060	-.379	-.813
60	330	-.569	.058	-.365	-.807
60	331	-.562	.059	-.356	-.829
60	332	-.556	.058	-.350	-.806
60	333	-.589	.072	-.246	-.994
60	334	-.571	.063	-.321	-.826
60	335	-.564	.057	-.312	-.754
60	336	-.567	.052	-.357	-.738
60	337	-.570	.057	-.391	-.762
60	338	-.560	.057	-.384	-.777
60	339	-.559	.059	-.370	-.785
60	340	-.624	.071	-.340	-.894
60	341	-.610	.078	-.236	-.902
60	342	-.596	.067	-.362	-.863
60	343	-.597	.063	-.383	-.824
60	344	-.585	.063	-.352	-.821
60	345	-.592	.061	-.376	-.784
60	346	-.666	.071	-.419	-.932
60	347	-.654	.069	-.388	-.905
60	348	-.634	.060	-.411	-.857
60	349	-.624	.059	-.388	-.828
60	350	-.620	.058	-.357	-.841
60	351	-.616	.060	-.319	-.859
60	352	-.612	.059	-.326	-.838
60	353	-.682	.080	-.437	-1.071
60	354	-.663	.071	-.404	-.934
60	355	-.639	.065	-.422	-.947
60	356	-.624	.061	-.435	-.926
60	357	-.617	.064	-.422	-.886
60	358	-.614	.062	-.426	-.863
60	359	-.726	.113	-.383	-1.335
60	360	-.691	.096	-.370	-1.101
60	361	-.644	.077	-.391	-.992
60	362	-.630	.069	-.411	-.929
60	363	-.632	.076	-.402	-1.091
60	364	-.619	.074	-.387	-.965
60	365	-.620	.074	-.355	-.975
60	366	-.719	.112	-.375	-1.157
60	367	-.694	.103	-.388	-1.137
60	368	-.651	.083	-.404	-1.038
60	369	-.630	.078	-.376	-1.083
60	370	-.631	.087	-.402	-1.346
60	371	-.614	.093	-.336	-1.601
60	372	-.603	.091	-.323	-1.460
60	373	-.641	.096	-.393	-1.144
60	374	-.653	.112	-.362	-1.388
60	375	-.590	.088	-.273	-1.106
60	376	-.626	.084	-.280	-1.083
60	377	-.644	.086	-.435	-1.081
60	378	-.623	.086	-.399	-1.008
60	379	-.616	.083	-.380	-.962
60	380	-.649	.105	-.376	-1.326
60	381	-.651	.114	-.268	-1.704
60	382	-.609	.078	-.315	-.899
60	383	-.641	.076	-.454	-1.056
60	384	-.640	.081	-.438	-1.043
60	385	-.639	.085	-.445	-1.091
60	386	-.632	.089	-.422	-1.102
60	387	-.597	.115	-.228	-.969
60	388	-.437	.130	.035	-1.338
60	389	-.636	.108	-.375	-1.296
60	390	-.785	.124	-.459	-1.236
60	391	-.418	.047	-.280	-.613
60	392	-.418	.042	-.266	-.595
60	393	-.460	.042	-.345	-.613
60	394	-.513	.055	-.340	-.710
60	401	-.617	.058	-.401	-.854
60	402	-.628	.055	-.458	-.831
60	403	-.631	.056	-.469	-.886
60	404	-.633	.056	-.472	-.954
60	405	-.637	.068	-.389	-1.038
60	406	-.636	.064	-.448	-1.004
60	407	-.645	.069	-.397	-1.274
60	408	-.645	.066	-.424	-.922
60	409	-.670	.069	-.445	-.935
60	410	-.665	.067	-.455	-1.014
60	411	-.653	.060	-.444	-.914
60	412	-.628	.057	-.417	-.845
60	413	-.626	.065	-.396	-.876
60	414	-.648	.076	-.428	-.986
60	415	-.642	.074	-.422	-.998
60	416	-.946	.119	-.519	-1.330
60	417	-.924	.111	-.522	-1.247
60	418	-.676	.088	-.390	-.989
60	419	-.606	.063	-.384	-.799
60	420	-.611	.060	-.394	-.798
60	421	-.625	.060	-.430	-.856
60	422	-.629	.061	-.438	-.863
60	423	-.644	.064	-.444	-.961
60	424	-.644	.071	-.442	-1.044
60	425	-.656	.083	-.401	-1.479
60	426	-.597	.060	-.400	-.888
60	427	-.601	.060	-.412	-.911
60	428	-.610	.057	-.409	-.887
60	429	-.617	.066	-.411	-.886
60	430	-.632	.065	-.445	-.863
60	431	-.659	.082	-.444	-1.145
60	432	-.669	.086	-.447	-1.171
60	433	-.591	.060	-.386	-.878
60	434	-.593	.058	-.405	-.858
60	435	-.605	.059	-.429	-.916
60	436	-.623	.057	-.454	-.905
60	437	-.645	.068	-.450	-.989
60	438	-.680	.097	-.450	-1.462
60	439	-.691	.107	-.442	-1.450
60	440	-.609	.062	-.394	-.820
60	441	-.613	.062	-.396	-.883
60	442	-.622	.059	-.395	-.901
60	443	-.659	.073	-.429	-1.229
60	444	-.689	.098	-.459	-1.676

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	445	-.698	.117	-.303	-1.493	60	802	.348	.141	.823	-.168	70	129	.491	.125	.880	.063
60	446	-.646	.062	-.433	-.873	60	803	.094	.092	.377	-.275	70	130	.311	.104	.630	-.026
60	447	-.647	.063	-.429	-.884	60	804	-.625	.071	-.371	-.908	70	131	-.028	.074	.206	-.265
60	448	-.653	.061	-.442	-.890	60	805	-.317	.142	.025	-.911	70	132	-.246	.054	-.062	-.437
60	449	-.667	.067	-.411	-.979	60	806	-.686	.077	-.412	-.928	70	133	.634	.154	1.099	.023
60	450	-.683	.072	-.443	-1.061	60	807	-.259	.059	-.065	-.536	70	134	.719	.148	1.140	.245
60	451	-.708	.103	-.459	-1.823	60	808	-.396	.073	-.053	-.686	70	135	.680	.141	1.111	.245
60	452	-.715	.107	-.467	-1.723	60	809	-.014	.106	.345	-.357	70	136	.537	.122	.893	.147
60	453	-.695	.071	-.497	-.994	60	810	-.580	.072	-.348	-.907	70	137	.314	.107	.624	-.016
60	454	-.695	.069	-.506	-.981	60	811	-.535	.060	-.347	-.792	70	138	-.062	.066	.177	-.268
60	455	-.699	.072	-.489	-1.020	60	812	-.583	.082	-.315	-1.004	70	139	-.320	.052	-.113	-.499
60	456	-.718	.084	-.484	-1.144	60	813	-.489	.051	-.305	-.711	70	140	.564	.170	1.060	.010
60	457	-.753	.128	-.458	-1.705	60	814	-.435	.038	-.320	-.563	70	141	.636	.153	1.159	.183
60	458	-.755	.129	-.470	-1.599	60	815	-.421	.058	-.218	-.660	70	142	.614	.134	.960	.219
60	459	-.756	.091	-.434	-1.127	60	901	-.166	.098	.354	-.622	70	143	.287	.096	.646	.002
60	460	-.758	.089	-.434	-1.126	60	902	.410	.135	1.147	.115	70	144	-.074	.067	.192	-.258
60	461	-.745	.090	-.497	-1.242	60	903	-.079	.100	.410	-.414	70	145	-.326	.054	-.139	-.494
60	462	-.749	.096	-.480	-1.399	60	904	-.641	.090	-.372	-.967	70	146	.508	.157	.960	.007
60	463	-.751	.114	-.434	-1.361	60	905	-.351	.120	.096	-.814	70	147	.588	.156	1.096	.002
60	464	-.769	.142	-.417	-1.532	60	906	-.597	.076	-.358	-.868	70	148	.580	.142	1.008	.085
60	465	-.785	.175	-.325	-2.018	60	907	-.651	.075	-.442	-.963	70	149	.490	.131	.900	.100
60	466	-.799	.098	-.528	-1.226	60	908	-.501	.062	-.233	-.770	70	150	.297	.105	.629	-.023
60	467	-.800	.100	-.524	-1.214	70	101	-.414	.047	-.193	-.610	70	151	-.065	.076	.178	-.317
60	468	-.808	.102	-.511	-1.266	70	102	-.005	.088	.257	-.323	70	152	-.299	.061	-.104	-.542
60	469	-.822	.118	-.455	-1.474	70	103	-.028	.077	.216	-.354	70	153	.413	.166	1.018	-.129
60	470	-.805	.123	-.413	-1.437	70	104	-.370	.043	-.216	-.529	70	154	.516	.152	1.058	.094
60	471	-.780	.151	-.181	-1.510	70	105	.160	.180	.740	-.491	70	155	.526	.138	.947	.146
60	472	-.777	.152	-.223	-1.549	70	106	-.449	.045	-.306	-.629	70	156	.259	.104	.607	-.082
60	473	-.856	.154	-.479	-1.691	70	107	-.300	.124	.041	-.839	70	157	-.071	.079	.306	-.373
60	474	-.861	.162	-.381	-1.722	70	108	.069	.152	.535	-.728	70	158	-.332	.065	-.058	-.589
60	475	-.886	.176	-.420	-1.850	70	109	.054	.110	.462	-.366	70	159	.266	.175	.950	-.299
60	476	-.792	.131	-.203	-1.281	70	110	-.209	.134	.177	-.626	70	160	.415	.154	.941	.008
60	477	-.654	.108	-.258	-1.044	70	111	-.692	.091	-.461	-1.143	70	161	.475	.138	1.021	.095
60	478	-.617	.092	-.231	-1.001	70	112	.525	.147	.916	-.072	70	162	.396	.120	.870	.057
60	479	-.628	.087	-.345	-1.004	70	113	.256	.117	.617	-.129	70	163	.245	.106	.683	-.088
60	480	-.836	.197	-.439	-2.242	70	114	.025	.092	.372	-.394	70	164	-.082	.083	.319	-.325
60	481	-.844	.199	-.452	-2.458	70	115	-.334	.060	-.108	-.536	70	165	-.364	.085	.001	-.656
60	482	-.822	.178	-.219	-1.737	70	116	.487	.186	1.127	-.196	70	166	.213	.156	.762	-.323
60	483	-.601	.110	-.253	-1.051	70	117	.357	.158	.838	-.319	70	167	.317	.145	.875	-.222
60	484	-.585	.077	-.317	-.953	70	118	-.256	.065	.007	-.506	70	168	.360	.121	.868	-.027
60	485	-.596	.072	-.370	-.952	70	119	.665	.154	1.089	.029	70	169	.303	.115	.735	.040
60	486	-.612	.082	-.376	-1.031	70	120	.673	.143	1.115	.078	70	170	.183	.099	.640	-.051
60	487	-.409	.070	-.185	-.696	70	121	.368	.122	.737	-.043	70	171	-.114	.082	.280	-.357
60	488	-.405	.055	-.223	-.620	70	122	.213	.107	.547	-.121	70	172	-.338	.077	-.042	-.621
60	489	-.466	.048	-.312	-.636	70	123	.172	.098	.504	-.138	70	173	.109	.133	.605	-.257
60	490	-.574	.079	-.364	-.925	70	124	-.005	.078	.371	-.276	70	174	.208	.107	.652	-.117
60	491	-.460	.057	-.283	-.711	70	125	-.224	.062	.085	-.408	70	175	.295	.098	.814	.067
60	492	-.424	.051	-.208	-.620	70	126	.627	.162	1.205	-.008	70	176	.276	.095	.796	.032
60	493	-.575	.101	-.260	-1.024	70	127	.692	.162	1.188	.156	70	177	.179	.086	.691	-.041
60	801	.160	.121	.630	-.300	70	128	.607	.143	1.028	.157	70	178	-.106	.088	.371	-.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	179	-.377	.093	.009	-.714
70	180	.071	.107	.522	-.322
70	181	.205	.097	.650	-.064
70	182	.373	.132	.980	.087
70	183	.359	.127	.964	.083
70	184	.246	.110	.751	-.002
70	185	-.078	.082	.246	-.312
70	186	-.311	.083	-.014	-.829
70	187	.039	.078	.413	-.204
70	188	.177	.078	.522	-.046
70	189	.208	.082	.569	-.051
70	190	.223	.088	.567	.023
70	191	.146	.086	.565	-.109
70	192	.092	.078	.462	-.127
70	193	-.188	.067	.241	-.434
70	201	-.568	.059	-.349	-.801
70	202	-.425	.038	-.304	-.556
70	203	-.176	.048	.009	-.515
70	204	-.319	.129	.119	-.876
70	205	-.480	.045	-.310	-.785
70	206	-.201	.163	.246	-.904
70	207	-.742	.086	-.373	-1.072
70	208	-.227	.057	-.063	-.451
70	209	-.110	.068	.097	-.399
70	210	-.170	.085	.098	-.560
70	211	-.281	.105	.073	-.794
70	212	-.441	.042	-.297	-.612
70	213	-.443	.126	-.103	-.930
70	214	-.030	.122	.227	-.590
70	215	-.234	.194	.453	-1.615
70	216	-.404	.046	-.251	-.598
70	217	-.218	.085	.110	-.465
70	218	-.113	.075	.140	-.461
70	219	-.421	.044	-.278	-.596
70	220	-.281	.047	-.086	-.474
70	221	-.111	.061	.094	-.328
70	222	-.064	.063	.160	-.269
70	223	.049	.079	.313	-.361
70	224	-.152	.264	.624	-1.030
70	225	-.185	.222	.689	-1.144
70	226	-.434	.039	-.292	-.567
70	227	-.308	.040	-.145	-.437
70	228	-.089	.057	.162	-.279
70	229	.039	.071	.333	-.244
70	230	.150	.112	.456	-.710
70	231	-.147	.246	.708	-.881
70	232	-.154	.205	.681	-.837
70	233	-.452	.040	-.312	-.610
70	234	-.337	.038	-.174	-.475
70	235	-.114	.057	.129	-.327
70	236	.043	.075	.316	-.327
70	237	.137	.150	.512	-.912
70	238	-.191	.221	.549	-1.059
70	239	-.188	.201	.510	-.925
70	240	-.489	.039	-.306	-.619
70	241	-.371	.037	-.235	-.496
70	242	-.138	.048	.033	-.308
70	243	.078	.178	.402	-1.008
70	244	-.252	.221	.509	-.965
70	245	-.233	.224	.580	-1.087
70	246	-.477	.042	-.332	-.636
70	247	-.380	.042	-.200	-.596
70	248	-.163	.053	.040	-.591
70	249	-.031	.076	.237	-.601
70	250	-.032	.219	.396	-.981
70	251	-.334	.233	.658	-1.233
70	252	-.326	.203	.396	-1.110
70	253	-.481	.048	-.326	-.721
70	254	-.383	.043	-.221	-.567
70	255	-.189	.055	.085	-.449
70	256	-.071	.251	.357	-1.119
70	257	-.335	.247	.501	-1.221
70	258	-.340	.203	.440	-.958
70	259	-.617	.065	-.380	-.925
70	260	-.466	.049	-.270	-.690
70	261	-.228	.057	.031	-.544
70	262	-.110	.094	.140	-.849
70	263	-.171	.264	.306	-1.304
70	264	-.419	.254	.445	-1.507
70	265	-.417	.227	.594	-1.300
70	266	-.522	.062	-.304	-.798
70	267	-.418	.055	-.239	-.741
70	268	-.251	.062	-.015	-.676
70	269	-.173	.135	.151	-.967
70	270	-.258	.257	.278	-1.101
70	271	-.470	.211	.435	-1.431
70	272	-.462	.192	.357	-1.372
70	273	-.574	.073	-.344	-.862
70	274	-.467	.055	-.300	-.680
70	275	-.281	.062	-.009	-.650
70	276	-.204	.111	.152	-.718
70	277	-.245	.194	.226	-1.094
70	278	-.359	.178	.329	-1.071
70	279	-.371	.165	.376	-1.067
70	280	-.540	.054	-.359	-.815
70	281	-.438	.053	-.186	-.666
70	282	-.244	.063	.067	-.491
70	283	-.142	.084	.236	-.557
70	284	-.172	.168	.290	-.979
70	285	-.357	.196	.422	-1.406
70	286	-.350	.177	.332	-1.252
70	287	-.589	.064	-.332	-.822
70	288	-.395	.036	-.275	-.518
70	289	-.252	.045	-.026	-.393
70	290	-.161	.081	.146	-.484
70	291	-.153	.077	.212	-.426
70	292	-.126	.082	.217	-.390
70	293	-.119	.089	.239	-.429
70	301	-.587	.053	-.391	-.875
70	302	-.603	.054	-.447	-.866
70	303	-.595	.054	-.423	-.856
70	304	-.592	.053	-.434	-.848
70	305	-.612	.059	-.435	-.967
70	306	-.566	.058	-.394	-.873
70	307	-.618	.061	-.442	-.985
70	308	-.618	.061	-.437	-.945
70	309	-.661	.095	-.452	-1.278
70	310	-.595	.058	-.409	-.897
70	311	-.620	.067	-.359	-.920
70	312	-.588	.061	-.332	-.872
70	313	-.628	.069	-.402	-.892
70	314	-.559	.051	-.366	-.763
70	315	-.555	.054	-.333	-.742
70	316	-.499	.049	-.365	-.736
70	317	-.605	.060	-.391	-.800
70	318	-.771	.094	-.495	-1.098
70	319	-.561	.059	-.345	-.873
70	320	-.552	.056	-.372	-.817
70	321	-.554	.061	-.379	-1.021
70	322	-.568	.058	-.382	-1.381
70	323	-.578	.050	-.425	-.740
70	324	-.550	.050	-.370	-.708
70	325	-.552	.053	-.369	-.741
70	326	-.573	.058	-.356	-.777
70	327	-.563	.056	-.352	-.751
70	328	-.560	.049	-.391	-.758
70	329	-.554	.048	-.388	-.734
70	330	-.551	.046	-.413	-.727
70	331	-.543	.048	-.387	-.732
70	332	-.538	.047	-.372	-.712
70	333	-.601	.060	-.379	-.795
70	334	-.591	.055	-.351	-.751
70	335	-.589	.050	-.371	-.780
70	336	-.587	.046	-.391	-.736
70	337	-.576	.044	-.419	-.739
70	338	-.568	.044	-.394	-.717
70	339	-.567	.045	-.387	-.723
70	340	-.632	.055	-.403	-.862
70	341	-.620	.058	-.362	-.873
70	342	-.608	.050	-.404	-.784

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	343	-.601	.047	-.428	-.763
70	344	-.592	.045	-.444	-.750
70	345	-.589	.046	-.438	-.744
70	346	-.656	.059	-.404	-.957
70	347	-.645	.057	-.399	-.916
70	348	-.621	.050	-.434	-.822
70	349	-.614	.050	-.435	-.810
70	350	-.608	.049	-.425	-.816
70	351	-.604	.050	-.423	-.830
70	352	-.599	.048	-.418	-.819
70	353	-.680	.071	-.341	-.988
70	354	-.663	.065	-.373	-.957
70	355	-.636	.063	-.411	-.899
70	356	-.614	.056	-.403	-.926
70	357	-.604	.055	-.395	-.883
70	358	-.600	.054	-.413	-.856
70	359	-.710	.094	-.437	-1.144
70	360	-.681	.081	-.391	-1.045
70	361	-.644	.073	-.238	-.958
70	362	-.625	.064	-.394	-.926
70	363	-.619	.068	-.397	-1.037
70	364	-.606	.066	-.356	-.922
70	365	-.607	.068	-.367	-.913
70	366	-.729	.111	-.315	-1.177
70	367	-.696	.107	-.337	-1.156
70	368	-.643	.085	-.287	-1.036
70	369	-.618	.076	-.379	-1.036
70	370	-.611	.076	-.406	-1.026
70	371	-.594	.078	-.271	-1.106
70	372	-.584	.077	-.256	-1.083
70	373	-.642	.107	-.234	-1.446
70	374	-.636	.119	-.160	-1.471
70	375	-.611	.083	-.244	-.935
70	376	-.677	.084	-.305	-1.004
70	377	-.664	.077	-.442	-.961
70	378	-.648	.079	-.385	-.947
70	379	-.638	.077	-.385	-.940
70	380	-.634	.098	-.346	-1.391
70	381	-.625	.090	-.389	-1.338
70	382	-.640	.069	-.392	-.966
70	383	-.676	.072	-.489	-.982
70	384	-.656	.075	-.452	-1.004
70	385	-.650	.076	-.442	-.992
70	386	-.648	.078	-.421	-1.018
70	387	-.533	.116	-.200	-.984
70	388	-.459	.149	.105	-.986
70	389	-.664	.090	-.394	-1.089
70	390	-.881	.109	-.562	-1.325
70	391	-.426	.052	-.244	-.622
70	392	-.431	.042	-.300	-.607
70	393	-.444	.038	-.331	-.615
70	394	-.478	.047	-.340	-.671
70	401	-.612	.053	-.429	-.805
70	402	-.627	.051	-.447	-.816
70	403	-.635	.052	-.424	-.835
70	404	-.639	.055	-.458	-.838
70	405	-.637	.060	-.431	-.916
70	406	-.644	.057	-.486	-.890
70	407	-.657	.061	-.390	-.903
70	408	-.645	.060	-.416	-.883
70	409	-.645	.059	-.452	-.893
70	410	-.642	.058	-.442	-.911
70	411	-.640	.057	-.452	-.911
70	412	-.612	.051	-.460	-.841
70	413	-.620	.055	-.439	-.818
70	414	-.642	.070	-.428	-.971
70	415	-.633	.063	-.390	-.903
70	416	-.949	.105	-.622	-1.268
70	417	-.824	.088	-.569	-1.120
70	418	-.562	.059	-.392	-.764
70	419	-.617	.056	-.403	-.814
70	420	-.619	.054	-.413	-.810
70	421	-.628	.055	-.460	-.826
70	422	-.634	.058	-.447	-.921
70	423	-.650	.065	-.442	-.945
70	424	-.630	.062	-.390	-.929
70	425	-.638	.074	-.408	-1.071
70	426	-.588	.051	-.415	-.754
70	427	-.595	.051	-.413	-.760
70	428	-.603	.048	-.442	-.768
70	429	-.622	.052	-.455	-.803
70	430	-.629	.052	-.484	-.851
70	431	-.653	.072	-.437	-1.065
70	432	-.664	.076	-.398	-1.109
70	433	-.606	.051	-.426	-.808
70	434	-.608	.049	-.452	-.795
70	435	-.619	.050	-.471	-.804
70	436	-.630	.048	-.489	-.828
70	437	-.635	.055	-.475	-.821
70	438	-.660	.068	-.473	-.937
70	439	-.675	.079	-.408	-1.062
70	440	-.623	.051	-.426	-.797
70	441	-.636	.057	-.431	-.816
70	442	-.642	.054	-.465	-.803
70	443	-.672	.060	-.499	-.919
70	444	-.689	.068	-.497	-1.005
70	445	-.697	.069	-.493	-1.058
70	446	-.679	.055	-.518	-.869
70	447	-.683	.056	-.510	-.885
70	448	-.683	.053	-.510	-.864
70	449	-.692	.062	-.499	-.947
70	450	-.707	.066	-.510	-1.058
70	451	-.725	.081	-.489	-1.195
70	452	-.724	.080	-.486	-1.164
70	453	-.718	.067	-.514	-.978
70	454	-.718	.065	-.531	-.969
70	455	-.724	.068	-.517	-.999
70	456	-.735	.075	-.497	-1.073
70	457	-.751	.090	-.517	-1.404
70	458	-.751	.089	-.520	-1.414
70	459	-.766	.076	-.541	-1.106
70	460	-.764	.074	-.546	-1.094
70	461	-.766	.080	-.468	-1.069
70	462	-.765	.082	-.476	-1.191
70	463	-.767	.092	-.452	-1.195
70	464	-.777	.111	-.453	-1.378
70	465	-.790	.139	-.457	-1.551
70	466	-.804	.097	-.557	-1.170
70	467	-.808	.099	-.551	-1.182
70	468	-.810	.100	-.554	-1.221
70	469	-.824	.113	-.514	-1.342
70	470	-.821	.120	-.455	-1.265
70	471	-.828	.142	-.395	-1.364
70	472	-.825	.143	-.387	-1.550
70	473	-.844	.146	-.486	-1.524
70	474	-.851	.150	-.480	-1.641
70	475	-.875	.164	-.494	-1.831
70	476	-.826	.116	-.340	-1.310
70	477	-.708	.097	-.317	-1.114
70	478	-.661	.093	-.194	-1.133
70	479	-.673	.102	-.300	-1.260
70	480	-.806	.159	-.473	-1.833
70	481	-.808	.159	-.473	-1.808
70	482	-.818	.164	-.328	-1.814
70	483	-.669	.099	-.313	-.990
70	484	-.635	.077	-.325	-.979
70	485	-.626	.073	-.382	-.997
70	486	-.644	.092	-.375	-1.169
70	487	-.447	.074	-.211	-.748
70	488	-.430	.059	-.249	-.702
70	489	-.499	.049	-.348	-.716
70	490	-.618	.084	-.388	-1.004
70	491	-.472	.057	-.292	-.678
70	492	-.440	.053	-.273	-.661
70	493	-.537	.113	-.218	-.976
70	801	.134	.123	.486	-.337
70	802	.259	.132	.580	-.287
70	803	.052	.117	.332	-.325
70	804	-.607	.061	-.392	-.823
70	805	-.119	.079	.121	-.476

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	806	-.683	.063	-.445	-.930	80	133	.683	.159	1.218	.152	80	183	.285	.106	.742	.030
70	807	-.135	.076	.117	-.465	80	134	.662	.146	1.113	.252	80	184	.163	.093	.620	-.059
70	808	-.390	.065	-.085	-.580	80	135	.528	.127	.933	.165	80	185	-.146	.073	.114	-.409
70	809	.064	.104	.399	-.346	80	136	.365	.104	.719	.065	80	186	-.367	.077	-.115	-.665
70	810	-.553	.067	-.331	-.787	80	137	.165	.086	.469	-.078	80	187	.126	.073	.435	-.095
70	811	-.548	.053	-.391	-.741	80	138	-.180	.054	.030	-.330	80	188	.196	.075	.570	.006
70	812	-.577	.057	-.379	-.802	80	139	-.402	.045	-.216	-.561	80	189	.206	.077	.672	.014
70	813	-.449	.045	-.318	-.646	80	140	.657	.153	1.152	.166	80	190	.193	.074	.475	-.029
70	814	-.434	.039	-.326	-.578	80	141	.642	.151	1.074	.172	80	191	.099	.077	.400	-.118
70	815	-.434	.061	-.226	-.674	80	142	.521	.128	.984	.163	80	192	.056	.067	.345	-.132
70	901	-.206	.091	.159	-.545	80	143	.153	.086	.465	-.111	80	193	-.217	.059	.080	-.393
70	902	.377	.124	1.003	.096	80	144	-.188	.056	.035	-.358	80	201	-.436	.052	-.283	-.673
70	903	.054	.094	.415	-.213	80	145	-.411	.051	-.232	-.574	80	202	-.399	.039	-.263	-.578
70	904	-.706	.085	-.463	-1.068	80	146	.586	.158	1.037	.133	80	203	-.089	.059	.088	-.307
70	905	-.171	.098	.273	-.555	80	147	.581	.150	1.071	.170	80	204	.058	.097	.275	-.476
70	906	-.631	.080	-.368	-.966	80	148	.482	.125	.869	.131	80	205	-.445	.042	-.279	-.593
70	907	-.699	.087	-.468	-1.062	80	149	.363	.102	.769	.093	80	206	.152	.132	.561	-.452
70	908	-.452	.069	-.088	-.697	80	150	.160	.081	.496	-.068	80	207	-.710	.087	-.455	-1.047
80	101	-.414	.044	-.247	-.584	80	151	-.183	.059	.082	-.359	80	208	-.147	.076	.060	-.478
80	102	.085	.079	.297	-.265	80	152	-.390	.051	-.178	-.556	80	209	-.007	.091	.304	-.364
80	103	-.073	.064	.124	-.306	80	153	.539	.157	1.094	.068	80	210	-.066	.101	.302	-.545
80	104	-.420	.038	-.283	-.566	80	154	.547	.148	1.035	.131	80	211	-.161	.085	.104	-.546
80	105	.156	.158	.616	-.411	80	155	.461	.130	.833	.129	80	212	-.378	.046	-.172	-.525
80	106	-.473	.045	-.310	-.632	80	156	.147	.089	.431	-.095	80	213	-.218	.096	.100	-.779
80	107	-.186	.093	.129	-.529	80	157	-.169	.067	.127	-.396	80	214	.132	.104	.446	-.209
80	108	-.011	.118	.376	-.463	80	158	-.410	.062	-.139	-.650	80	215	.322	.181	.806	-.381
80	109	-.023	.093	.264	-.351	80	159	.415	.153	1.001	-.031	80	216	-.345	.051	-.131	-.527
80	110	-.275	.129	.068	-.635	80	160	.454	.135	.955	.105	80	217	.004	.152	.483	-.531
80	111	-.726	.105	-.404	-1.200	80	161	.405	.123	.811	.060	80	218	.017	.092	.470	-.349
80	112	.477	.138	.907	-.030	80	162	.300	.103	.690	-.010	80	219	-.354	.046	-.181	-.527
80	113	.162	.102	.497	-.207	80	163	.141	.089	.500	-.206	80	220	-.167	.057	.048	-.411
80	114	-.132	.085	.171	-.635	80	164	-.177	.071	.115	-.496	80	221	.004	.084	.331	-.279
80	115	-.420	.053	-.239	-.619	80	165	-.428	.070	-.160	-.681	80	222	.058	.085	.402	-.237
80	116	.209	.186	.917	-.263	80	166	.319	.144	.833	-.088	80	223	.202	.098	.580	-.142
80	117	.130	.152	.526	-.477	80	167	.357	.137	.941	.019	80	224	.439	.151	.931	-.501
80	118	-.354	.055	-.136	-.569	80	168	.334	.116	.802	.080	80	225	.483	.215	1.033	-.391
80	119	.654	.156	1.033	.052	80	169	.267	.099	.717	.006	80	226	-.375	.043	-.202	-.540
80	120	.563	.138	.932	.070	80	170	.133	.081	.511	-.081	80	227	-.207	.054	.016	-.388
80	121	.265	.106	.623	-.103	80	171	-.168	.071	.155	-.411	80	228	.063	.078	.333	-.205
80	122	.112	.091	.400	-.189	80	172	-.387	.072	-.122	-.651	80	229	.219	.095	.506	-.114
80	123	.064	.083	.317	-.231	80	173	.195	.105	.662	-.121	80	230	.367	.110	.698	-.046
80	124	-.131	.060	.110	-.333	80	174	.264	.107	.754	-.050	80	231	.512	.180	.987	-.653
80	125	-.317	.052	-.126	-.505	80	175	.292	.097	.784	.061	80	232	.509	.226	1.079	-.722
80	126	.715	.149	1.166	.176	80	176	.249	.092	.653	.037	80	233	-.394	.040	-.237	-.538
80	127	.670	.142	1.111	.185	80	177	.140	.080	.476	-.056	80	234	-.240	.045	-.060	-.403
80	128	.502	.117	.844	.090	80	178	-.177	.074	.149	-.435	80	235	.041	.071	.323	-.186
80	129	.330	.105	.640	-.019	80	179	-.431	.082	-.107	-.778	80	236	.228	.090	.551	-.019
80	130	.155	.082	.405	-.114	80	180	.189	.108	.606	-.085	80	237	.386	.119	.797	.001
80	131	-.154	.056	.049	-.359	80	181	.257	.106	.678	.020	80	238	.486	.200	.934	-.398
80	132	-.339	.044	-.188	-.511	80	182	.322	.111	.891	.053	80	239	.468	.239	1.063	-.367

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	240	-.428	.041	-.258	-.583	80	290	-.042	.068	.198	-.304	80	347	-.645	.056	-.363	-.818
80	241	-.271	.048	-.075	-.416	80	291	-.028	.069	.223	-.273	80	348	-.621	.048	-.435	-.774
80	242	.015	.070	.246	-.195	80	292	.003	.075	.268	-.234	80	349	-.612	.049	-.422	-.781
80	243	.346	.114	.676	-.228	80	293	.025	.089	.369	-.355	80	350	-.607	.047	-.471	-.769
80	244	.409	.218	.880	-.520	80	301	-.578	.044	-.425	-.744	80	351	-.603	.048	-.443	-.778
80	245	.421	.243	1.004	-.352	80	302	-.594	.043	-.452	-.755	80	352	-.597	.046	-.447	-.767
80	246	-.408	.041	-.258	-.550	80	303	-.587	.045	-.439	-.778	80	353	-.661	.071	-.359	-.981
80	247	-.277	.049	-.098	-.441	80	304	-.578	.045	-.433	-.779	80	354	-.644	.066	-.397	-.934
80	248	-.005	.072	.238	-.212	80	305	-.615	.052	-.443	-.833	80	355	-.622	.062	-.391	-.868
80	249	.166	.093	.481	-.093	80	306	-.568	.051	-.380	-.779	80	356	-.608	.057	-.426	-.881
80	250	.307	.113	.677	-.190	80	307	-.618	.054	-.453	-.811	80	357	-.609	.057	-.420	-.835
80	251	.349	.236	.905	-.597	80	308	-.622	.056	-.456	-.897	80	358	-.604	.055	-.423	-.834
80	252	.315	.250	.961	-.539	80	309	-.665	.089	-.450	-1.110	80	359	-.701	.089	-.386	-1.224
80	253	-.425	.048	-.226	-.614	80	310	-.589	.053	-.418	-.812	80	360	-.672	.078	-.338	-1.094
80	254	-.297	.050	-.083	-.470	80	311	-.609	.059	-.391	-.847	80	361	-.632	.075	-.202	-1.030
80	255	-.055	.071	.244	-.304	80	312	-.598	.055	-.392	-.805	80	362	-.617	.066	-.361	-1.030
80	256	.232	.115	.620	-.281	80	313	-.634	.075	-.382	-.988	80	363	-.610	.068	-.308	-1.065
80	257	.221	.268	.951	-.829	80	314	-.566	.052	-.411	-.762	80	364	-.595	.067	-.300	-.971
80	258	.177	.278	1.020	-.783	80	315	-.568	.054	-.405	-.759	80	365	-.596	.071	-.354	-.908
80	259	-.575	.068	-.344	-.913	80	316	-.526	.058	-.336	-.886	80	366	-.719	.108	-.268	-1.223
80	260	-.387	.057	-.131	-.615	80	317	-.717	.081	-.474	-1.030	80	367	-.682	.102	-.161	-1.227
80	261	-.103	.071	.192	-.329	80	318	-.845	.094	-.526	-1.211	80	368	-.626	.080	-.350	-.995
80	262	.055	.089	.337	-.251	80	319	-.569	.063	-.372	-.773	80	369	-.608	.075	-.364	-.913
80	263	.160	.128	.564	-.588	80	320	-.564	.059	-.390	-.755	80	370	-.599	.075	-.349	-.939
80	264	.106	.278	.727	-.958	80	321	-.572	.056	-.401	-1.032	80	371	-.576	.079	-.341	-.916
80	265	.095	.280	.822	-.875	80	322	-.590	.056	-.399	-.917	80	372	-.565	.078	-.302	-.909
80	266	-.476	.065	-.223	-.734	80	323	-.594	.046	-.439	-.766	80	373	-.618	.111	-.223	-1.243
80	267	-.342	.062	-.084	-.557	80	324	-.565	.045	-.407	-.743	80	374	-.602	.115	-.234	-1.354
80	268	-.133	.070	.159	-.339	80	325	-.551	.046	-.401	-.732	80	375	-.630	.083	-.286	-.986
80	269	-.005	.079	.313	-.322	80	326	-.556	.051	-.352	-.777	80	376	-.681	.083	-.365	-1.091
80	270	.068	.127	.474	-.573	80	327	-.554	.048	-.368	-.766	80	377	-.653	.077	-.441	-1.027
80	271	-.056	.266	.692	-.931	80	328	-.559	.042	-.395	-.734	80	378	-.637	.080	-.419	-.978
80	272	-.070	.249	.748	-.882	80	329	-.569	.046	-.436	-.753	80	379	-.628	.077	-.393	-.957
80	273	-.539	.070	-.326	-.802	80	330	-.564	.044	-.449	-.734	80	380	-.615	.095	-.314	-1.086
80	274	-.406	.055	-.233	-.607	80	331	-.555	.046	-.417	-.726	80	381	-.613	.084	-.383	-.925
80	275	-.177	.059	.035	-.461	80	332	-.548	.045	-.395	-.717	80	382	-.664	.073	-.427	-.908
80	276	-.050	.079	.234	-.513	80	333	-.596	.062	-.324	-.894	80	383	-.685	.077	-.482	-.988
80	277	-.028	.149	.418	-.673	80	334	-.589	.054	-.392	-.791	80	384	-.655	.080	-.401	-1.164
80	278	-.109	.198	.529	-.717	80	335	-.592	.048	-.396	-.771	80	385	-.646	.082	-.399	-1.109
80	279	-.129	.190	.601	-.720	80	336	-.589	.045	-.449	-.826	80	386	-.642	.086	-.372	-1.137
80	280	-.494	.062	-.273	-.793	80	337	-.582	.044	-.422	-.746	80	387	-.492	.131	-.098	-.983
80	281	-.375	.059	-.130	-.606	80	338	-.575	.042	-.428	-.731	80	388	-.471	.158	.175	-1.004
80	282	-.134	.074	.156	-.344	80	339	-.574	.043	-.429	-.733	80	389	-.678	.098	-.388	-1.330
80	283	-.006	.093	.311	-.302	80	340	-.626	.054	-.390	-.878	80	390	-.869	.106	-.568	-1.312
80	284	.039	.125	.388	-.516	80	341	-.611	.052	-.420	-.784	80	391	-.398	.055	-.229	-.620
80	285	-.064	.183	.663	-.911	80	342	-.597	.047	-.423	-.760	80	392	-.406	.044	-.246	-.556
80	286	-.073	.162	.650	-.812	80	343	-.590	.046	-.439	-.742	80	393	-.421	.042	-.291	-.586
80	287	-.548	.063	-.370	-.821	80	344	-.581	.044	-.442	-.750	80	394	-.447	.049	-.286	-.631
80	288	-.341	.038	-.153	-.477	80	345	-.591	.044	-.443	-.744	80	401	-.611	.050	-.445	-.802
80	289	-.172	.046	.087	-.342	80	346	-.655	.058	-.423	-.848	80	402	-.621	.046	-.475	-.778

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	403	-.629	.048	-.482	-.798
80	404	-.635	.049	-.469	-.816
80	405	-.625	.053	-.461	-.916
80	406	-.642	.050	-.473	-.841
80	407	-.655	.062	-.412	-1.090
80	408	-.647	.061	-.466	-.926
80	409	-.649	.054	-.505	-.942
80	410	-.649	.051	-.504	-.867
80	411	-.651	.052	-.495	-.858
80	412	-.609	.051	-.430	-.803
80	413	-.608	.051	-.435	-.774
80	414	-.640	.062	-.436	-.880
80	415	-.636	.058	-.404	-.837
80	416	-.917	.095	-.576	-1.247
80	417	-.652	.083	-.412	-.975
80	418	-.525	.050	-.365	-.712
80	419	-.599	.057	-.399	-.811
80	420	-.600	.055	-.396	-.803
80	421	-.622	.050	-.445	-.799
80	422	-.623	.050	-.446	-.880
80	423	-.647	.074	-.446	-1.017
80	424	-.613	.057	-.430	-.837
80	425	-.632	.067	-.427	-.988
80	426	-.595	.050	-.378	-.778
80	427	-.600	.051	-.401	-.790
80	428	-.607	.047	-.424	-.790
80	429	-.621	.049	-.471	-.830
80	430	-.629	.049	-.475	-.849
80	431	-.638	.063	-.456	-.955
80	432	-.645	.072	-.422	-.996
80	433	-.594	.053	-.386	-.799
80	434	-.597	.051	-.388	-.796
80	435	-.608	.051	-.438	-.790
80	436	-.616	.049	-.461	-.785
80	437	-.636	.051	-.469	-.817
80	438	-.651	.062	-.438	-.938
80	439	-.661	.071	-.375	-1.020
80	440	-.634	.053	-.461	-.816
80	441	-.645	.054	-.401	-.872
80	442	-.652	.052	-.441	-.864
80	443	-.678	.058	-.513	-.913
80	444	-.692	.068	-.484	-1.221
80	445	-.692	.068	-.388	-1.288
80	446	-.678	.054	-.504	-.851
80	447	-.681	.055	-.506	-.858
80	448	-.681	.053	-.511	-.876
80	449	-.697	.061	-.484	-.936
80	450	-.707	.064	-.483	-.991
80	451	-.723	.077	-.524	-1.187
80	452	-.723	.077	-.511	-1.351
80	453	-.720	.063	-.531	-.988
80	454	-.720	.061	-.536	-.980
80	455	-.725	.063	-.542	-.996
80	456	-.735	.069	-.524	-1.056
80	457	-.751	.089	-.531	-1.613
80	458	-.754	.090	-.525	-1.556
80	459	-.753	.076	-.503	-1.043
80	460	-.751	.074	-.513	-1.041
80	461	-.745	.081	-.471	-1.068
80	462	-.743	.080	-.470	-1.040
80	463	-.747	.089	-.487	-1.195
80	464	-.757	.106	-.495	-1.390
80	465	-.773	.122	-.407	-1.644
80	466	-.774	.091	-.507	-1.280
80	467	-.778	.093	-.516	-1.294
80	468	-.779	.093	-.531	-1.323
80	469	-.790	.105	-.507	-1.451
80	470	-.796	.112	-.496	-1.377
80	471	-.833	.142	-.459	-1.941
80	472	-.835	.147	-.456	-1.962
80	473	-.807	.136	-.516	-1.654
80	474	-.816	.130	-.541	-1.443
80	475	-.841	.140	-.551	-1.480
80	476	-.812	.109	-.500	-1.391
80	477	-.734	.094	-.375	-1.312
80	478	-.714	.107	-.342	-1.184
80	479	-.750	.143	-.383	-1.501
80	480	-.774	.141	-.409	-1.560
80	481	-.775	.140	-.422	-1.550
80	482	-.805	.160	-.404	-1.461
80	483	-.696	.097	-.370	-1.085
80	484	-.667	.090	-.414	-1.101
80	485	-.651	.089	-.370	-1.059
80	486	-.675	.111	-.365	-1.228
80	487	-.478	.071	-.265	-.793
80	488	-.437	.058	-.255	-.662
80	489	-.510	.050	-.317	-.685
80	490	-.652	.093	-.409	-1.099
80	491	-.464	.058	-.260	-.712
80	492	-.413	.056	-.198	-.631
80	493	-.498	.125	-.077	-.947
80	801	.104	.111	.475	-.337
80	802	.143	.123	.477	-.407
80	803	-.064	.079	.181	-.378
80	804	-.586	.058	-.382	-.783
80	805	-.077	.085	.207	-.375
80	806	-.669	.067	-.435	-.949
80	807	.041	.127	.392	-.370
80	808	-.370	.067	-.072	-.592
80	809	.108	.118	.511	-.334
80	810	-.517	.075	-.158	-.792
80	811	-.589	.054	-.358	-.781
80	812	-.599	.057	-.414	-.782
80	813	-.403	.045	-.208	-.572
80	814	-.406	.040	-.268	-.575
80	815	-.404	.065	-.203	-.667
80	901	-.250	.087	.134	-.706
80	902	.316	.116	.839	.064
80	903	.135	.089	.512	-.140
80	904	-.727	.095	-.453	-1.239
80	905	-.021	.104	.454	-.396
80	906	-.649	.084	-.391	-.985
80	907	-.696	.084	-.487	-1.098
80	908	-.383	.073	.119	-.602
90	101	-.502	.067	-.296	-.758
90	102	-.058	.115	.200	-.502
90	103	-.137	.050	.017	-.308
90	104	-.457	.037	-.350	-.585
90	105	.099	.135	.502	-.571
90	106	-.489	.043	-.335	-.651
90	107	-.167	.088	.138	-.590
90	108	-.065	.091	.282	-.453
90	109	-.112	.070	.133	-.374
90	110	-.270	.080	-.056	-.580
90	111	-.796	.107	-.447	-1.167
90	112	.160	.191	.620	-.607
90	113	.022	.091	.303	-.324
90	114	-.336	.134	.043	-1.140
90	115	-.484	.053	-.286	-.643
90	116	-.027	.086	.413	-.426
90	117	-.153	.115	.300	-.556
90	118	-.431	.046	-.241	-.608
90	119	.242	.233	.909	-.570
90	120	.290	.185	.759	-.509
90	121	.149	.089	.470	-.181
90	122	.007	.074	.334	-.256
90	123	-.050	.066	.279	-.296
90	124	-.238	.050	-.010	-.390
90	125	-.397	.046	-.179	-.556
90	126	.316	.228	.929	-.487
90	127	.352	.223	.846	-.580
90	128	.303	.099	.592	-.033
90	129	.158	.087	.490	-.094
90	130	.001	.067	.278	-.200
90	131	-.265	.046	-.066	-.406
90	132	-.416	.040	-.272	-.557
90	133	.353	.229	.964	-.476
90	134	.392	.212	.874	-.482
90	135	.349	.102	.700	-.210
90	136	.198	.079	.504	-.065

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	137	.009	.068	.293	-.196	90	187	.178	.063	.590	-.019	90	244	.640	.151	1.063	.099
90	138	-.276	.044	-.081	-.413	90	188	.192	.069	.508	.011	90	245	.658	.161	1.131	.157
90	139	-.450	.045	-.303	-.611	90	189	.177	.067	.480	.004	90	246	-.322	.051	-.077	-.496
90	140	.364	.238	1.001	-.388	90	190	.158	.066	.417	-.034	90	247	-.162	.064	.095	-.363
90	141	.397	.217	.919	-.328	90	191	.048	.067	.360	-.135	90	248	.149	.094	.457	-.108
90	142	.343	.101	.689	-.023	90	192	.023	.060	.317	-.162	90	249	.333	.114	.773	.019
90	143	.009	.064	.264	-.187	90	193	-.232	.056	.079	-.423	90	250	.478	.134	.930	.126
90	144	-.282	.045	-.103	-.411	90	201	-.406	.042	-.241	-.588	90	251	.592	.155	1.151	.137
90	145	-.466	.048	-.311	-.621	90	202	-.354	.040	-.218	-.533	90	252	.606	.162	1.163	.015
90	146	.371	.231	.906	-.446	90	203	-.024	.066	.181	-.259	90	253	-.331	.059	-.025	-.507
90	147	.390	.207	.853	-.332	90	204	-.087	.075	.294	-.196	90	254	-.170	.067	.208	-.358
90	148	.325	.109	.676	-.025	90	205	-.405	.045	-.188	-.613	90	255	.115	.096	.630	-.133
90	149	.193	.084	.477	-.047	90	206	.098	.135	.591	-.313	90	256	.429	.134	.977	.071
90	150	.010	.063	.255	-.183	90	207	-.651	.075	-.319	-1.033	90	257	.514	.144	1.007	-.082
90	151	-.283	.049	-.044	-.439	90	208	-.085	.104	.178	-.523	90	258	.526	.154	1.004	-.115
90	152	-.452	.048	-.249	-.615	90	209	.089	.104	.419	-.250	90	259	-.505	.077	-.186	-.778
90	153	.402	.206	.976	-.374	90	210	-.016	.119	.418	-.505	90	260	-.276	.071	.004	-.507
90	154	.407	.170	.863	-.330	90	211	-.177	.084	.083	-.475	90	261	.031	.089	.394	-.206
90	155	.323	.111	.717	.042	90	212	-.286	.057	-.087	-.540	90	262	.194	.107	.558	-.073
90	156	.029	.071	.295	-.179	90	213	-.046	.088	.258	-.482	90	263	.308	.130	.737	-.012
90	157	-.256	.058	-.024	-.498	90	214	.277	.111	.584	-.126	90	264	.393	.165	.877	-.389
90	158	-.461	.059	-.264	-.694	90	215	.510	.144	.891	-.007	90	265	.426	.193	1.005	-.480
90	159	.377	.189	.977	-.298	90	216	-.256	.063	-.019	-.472	90	266	-.402	.072	-.143	-.673
90	160	.377	.148	.892	-.259	90	217	.276	.172	.803	-.379	90	267	-.244	.070	.011	-.475
90	161	.293	.104	.717	-.024	90	218	.325	.199	.843	-.274	90	268	-.009	.084	.278	-.254
90	162	.187	.084	.532	-.048	90	219	-.263	.056	-.084	-.475	90	269	.133	.103	.548	-.181
90	163	.035	.073	.317	-.190	90	220	-.040	.072	.220	-.328	90	270	.231	.120	.654	-.344
90	164	-.254	.064	.008	-.456	90	221	.135	.098	.419	-.197	90	271	.280	.186	.788	-.617
90	165	-.473	.067	.254	-.700	90	222	.186	.103	.476	-.157	90	272	.273	.201	.812	-.468
90	166	.217	.157	.906	-.264	90	223	.342	.115	.681	-.003	90	273	-.482	.072	-.223	-.733
90	167	.323	.140	.833	-.291	90	224	.640	.143	1.040	.153	90	274	-.324	.061	-.098	-.520
90	168	.268	.097	.688	-.088	90	225	.702	.155	1.106	.106	90	275	-.066	.070	.239	-.268
90	169	.173	.087	.480	-.017	90	226	-.297	.050	-.117	-.482	90	276	.075	.084	.423	-.229
90	170	.043	.072	.342	-.183	90	227	-.081	.069	.174	-.305	90	277	.154	.103	.583	-.359
90	171	-.236	.069	.067	-.485	90	228	.239	.100	.557	-.105	90	278	.168	.152	.694	-.421
90	172	-.437	.079	-.154	-.761	90	229	.412	.112	.722	.012	90	279	.151	.168	.684	-.486
90	173	.242	.113	.782	-.281	90	230	.567	.124	.888	.119	90	280	-.424	.064	-.196	-.674
90	174	.252	.106	.693	-.423	90	231	.718	.145	1.105	.195	90	281	-.290	.066	.048	-.520
90	175	.240	.087	.592	-.049	90	232	.730	.145	1.142	.213	90	282	-.022	.083	.366	-.213
90	176	.184	.079	.513	-.035	90	233	-.308	.049	-.128	-.457	90	283	.112	.099	.506	-.136
90	177	.076	.072	.397	-.141	90	234	-.116	.061	.089	-.306	90	284	.175	.108	.599	-.131
90	178	-.212	.076	.089	-.523	90	235	.212	.096	.558	-.070	90	285	.143	.149	.596	-.446
90	179	-.448	.091	-.111	-.843	90	236	.416	.117	.817	.062	90	286	.126	.142	.553	-.379
90	180	.222	.099	.591	-.286	90	237	.584	.141	.984	.063	90	287	-.451	.061	-.235	-.734
90	181	.251	.095	.601	-.208	90	238	.702	.154	1.163	.084	90	288	-.261	.042	-.089	-.413
90	182	.241	.094	.645	-.006	90	239	.701	.158	1.193	.016	90	289	-.075	.055	.197	-.318
90	183	.190	.085	.532	-.023	90	240	-.342	.047	-.161	-.505	90	290	.070	.066	.358	-.129
90	184	.073	.073	.402	-.128	90	241	-.132	.066	.125	-.328	90	291	.085	.070	.412	-.121
90	185	-.203	.062	.024	-.415	90	242	.197	.095	.518	-.068	90	292	.117	.073	.438	-.136
90	186	-.399	.079	-.162	-.759	90	243	.537	.138	.951	.097	90	293	.127	.075	.435	-.139

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	301	-.596	.047	-.461	-.766	90	351	-.602	.056	-.383	-.785	90	407	-.674	.081	-.410	-1.148
90	302	-.609	.047	-.469	-.774	90	352	-.596	.054	-.351	-.769	90	408	-.668	.072	-.475	-.961
90	303	-.608	.047	-.460	-.771	90	353	-.647	.079	-.313	-1.226	90	409	-.638	.060	-.436	-1.012
90	304	-.599	.046	-.447	-.762	90	354	-.632	.070	-.338	-1.005	90	410	-.636	.055	-.447	-.986
90	305	-.625	.052	-.463	-.837	90	355	-.622	.066	-.383	-1.098	90	411	-.638	.056	-.449	-.931
90	306	-.591	.048	-.428	-.784	90	356	-.607	.061	-.430	-.921	90	412	-.589	.051	-.415	-.793
90	307	-.628	.054	-.470	-.836	90	357	-.604	.064	-.365	-.868	90	413	-.600	.054	-.418	-.810
90	308	-.633	.058	-.452	-.962	90	358	-.598	.063	-.343	-.850	90	414	-.629	.059	-.447	-.861
90	309	-.648	.072	-.437	-1.159	90	359	-.675	.098	-.267	-1.238	90	415	-.626	.059	-.410	-.882
90	310	-.603	.052	-.423	-.789	90	360	-.645	.085	-.271	-1.029	90	416	-.871	.085	-.625	-1.189
90	311	-.621	.058	-.320	-.884	90	361	-.627	.085	-.320	-1.221	90	417	-.602	.059	-.431	-.843
90	312	-.603	.058	-.329	-.825	90	362	-.620	.088	-.363	-1.487	90	418	-.527	.046	-.369	-.721
90	313	-.629	.071	-.356	-1.006	90	363	-.605	.082	-.344	-1.178	90	419	-.585	.051	-.405	-.744
90	314	-.575	.052	-.387	-.738	90	364	-.584	.078	-.310	-1.046	90	420	-.586	.049	-.403	-.739
90	315	-.578	.054	-.373	-.749	90	365	-.573	.080	-.249	-1.023	90	421	-.612	.052	-.418	-.789
90	316	-.554	.059	-.360	-.755	90	366	-.687	.117	-.205	-1.496	90	422	-.602	.053	-.424	-.908
90	317	-.822	.086	-.565	-1.175	90	367	-.640	.107	-.198	-1.236	90	423	-.609	.068	-.410	-.949
90	318	-.864	.091	-.581	-1.174	90	368	-.596	.087	-.233	-1.061	90	424	-.594	.056	-.408	-.783
90	319	-.583	.054	-.385	-.848	90	369	-.608	.086	-.346	-1.357	90	425	-.595	.059	-.374	-.856
90	320	-.580	.050	-.420	-.781	90	370	-.591	.083	-.358	-1.143	90	426	-.571	.051	-.395	-.705
90	321	-.585	.059	-.408	-.847	90	371	-.563	.085	-.260	-1.053	90	427	-.577	.051	-.403	-.718
90	322	-.597	.057	-.411	-.881	90	372	-.551	.085	-.201	-1.017	90	428	-.583	.047	-.423	-.721
90	323	-.606	.051	-.409	-.785	90	373	-.550	.125	-.174	-1.112	90	429	-.594	.050	-.449	-.764
90	324	-.573	.051	-.380	-.755	90	374	-.542	.112	-.092	-1.034	90	430	-.595	.050	-.450	-.768
90	325	-.574	.050	-.406	-.732	90	375	-.613	.104	-.201	-1.099	90	431	-.595	.056	-.398	-.848
90	326	-.584	.056	-.401	-.857	90	376	-.688	.093	-.444	-1.155	90	432	-.595	.059	-.397	-.858
90	327	-.582	.051	-.419	-.809	90	377	-.643	.082	-.403	-1.049	90	433	-.576	.052	-.405	-.820
90	328	-.585	.044	-.404	-.736	90	378	-.622	.085	-.377	-1.055	90	434	-.578	.051	-.411	-.817
90	329	-.594	.048	-.456	-.773	90	379	-.611	.081	-.369	-.982	90	435	-.590	.051	-.408	-.838
90	330	-.587	.047	-.440	-.738	90	380	-.563	.102	-.290	-1.304	90	436	-.597	.050	-.434	-.837
90	331	-.578	.050	-.407	-.742	90	381	-.567	.083	-.338	-1.041	90	437	-.607	.049	-.444	-.825
90	332	-.572	.049	-.408	-.736	90	382	-.642	.082	-.403	-1.024	90	438	-.611	.058	-.301	-.953
90	333	-.603	.070	-.372	-1.197	90	383	-.664	.086	-.397	-1.155	90	439	-.618	.067	-.322	-1.122
90	334	-.597	.057	-.406	-1.080	90	384	-.628	.081	-.374	-1.071	90	440	-.606	.050	-.436	-.819
90	335	-.599	.051	-.393	-.812	90	385	-.611	.086	-.338	-1.041	90	441	-.614	.054	-.438	-.817
90	336	-.594	.048	-.445	-.808	90	386	-.608	.091	-.310	-1.039	90	442	-.622	.052	-.463	-.817
90	337	-.596	.049	-.415	-.778	90	387	-.426	.157	-.001	-1.127	90	443	-.642	.053	-.483	-.858
90	338	-.589	.047	-.418	-.762	90	388	-.430	.145	.071	-.876	90	444	-.650	.059	-.444	-.928
90	339	-.588	.048	-.414	-.768	90	389	-.657	.107	-.338	-1.174	90	445	-.662	.065	-.410	-.930
90	340	-.626	.055	-.420	-.923	90	390	-.767	.109	-.442	-1.208	90	446	-.651	.059	-.455	-.846
90	341	-.621	.054	-.411	-.918	90	391	-.335	.062	-.123	-.532	90	447	-.655	.059	-.454	-.850
90	342	-.611	.050	-.452	-.837	90	392	-.350	.051	-.170	-.564	90	448	-.655	.057	-.465	-.842
90	343	-.603	.051	-.434	-.785	90	393	-.364	.048	-.200	-.523	90	449	-.659	.060	-.474	-.848
90	344	-.595	.049	-.394	-.760	90	394	-.397	.058	-.196	-.589	90	450	-.665	.063	-.478	-.945
90	345	-.596	.048	-.442	-.794	90	401	-.612	.048	-.444	-.779	90	451	-.680	.073	-.460	-1.065
90	346	-.648	.062	-.399	-1.288	90	402	-.619	.048	-.460	-.781	90	452	-.682	.074	-.454	-1.122
90	347	-.639	.061	-.397	-1.190	90	403	-.623	.049	-.442	-.794	90	453	-.678	.065	-.482	-.907
90	348	-.623	.052	-.440	-.931	90	404	-.624	.048	-.452	-.783	90	454	-.678	.064	-.502	-.900
90	349	-.616	.055	-.453	-.816	90	405	-.613	.052	-.405	-.892	90	455	-.684	.066	-.509	-.925
90	350	-.609	.054	-.435	-.874	90	406	-.634	.050	-.455	-.812	90	456	-.694	.072	-.511	-.987

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	457	-.711	.097	-.349	-1.227	90	814	-.361	.044	-.171	-.533	100	141	-.238	.225	.621	-1.306
90	458	-.720	.103	-.411	-1.528	90	815	-.370	.075	-.105	-.690	100	142	-.051	.201	.426	-.841
90	459	-.704	.084	-.434	-1.078	90	901	-.295	.082	.071	-.602	100	143	-.118	.046	.092	-.313
90	460	-.702	.082	-.434	-1.065	90	902	.229	.097	.691	.014	100	144	-.340	.039	-.196	-.463
90	461	-.705	.087	-.456	-1.058	90	903	.188	.073	.622	-.027	100	145	-.471	.047	-.334	-.630
90	462	-.707	.087	-.478	-1.114	90	904	-.744	.115	-.457	-1.287	100	146	-.148	.218	.588	-1.340
90	463	-.722	.097	-.444	-1.324	90	905	.111	.110	.711	-.136	100	147	-.136	.253	.661	-1.102
90	464	-.744	.121	-.434	-1.476	90	906	-.635	.091	-.392	-1.169	100	148	.102	.163	.489	-.705
90	465	-.746	.132	-.395	-1.908	90	907	-.680	.096	-.395	-1.223	100	149	.036	.071	.347	-.471
90	466	-.726	.094	-.400	-1.122	90	908	-.296	.078	.112	-.553	100	150	-.107	.046	.132	-.294
90	467	-.731	.096	-.408	-1.138	100	101	-.593	.055	-.341	-.758	100	151	-.334	.043	-.160	-.482
90	468	-.737	.095	-.418	-1.127	100	102	-.469	.126	-.056	-.940	100	152	-.457	.048	-.274	-.652
90	469	-.759	.110	-.474	-1.271	100	103	-.197	.042	-.029	-.409	100	153	-.126	.224	.716	-1.004
90	470	-.777	.119	-.499	-1.299	100	104	-.459	.039	-.329	-.594	100	154	-.104	.247	.621	-1.006
90	471	-.833	.158	-.429	-1.798	100	105	-.383	.211	.290	-1.259	100	155	.106	.155	.457	-.668
90	472	-.846	.170	-.472	-1.797	100	106	-.512	.045	-.355	-.730	100	156	-.085	.050	.144	-.236
90	473	-.779	.139	-.462	-1.399	100	107	-.374	.134	-.019	-.986	100	157	-.308	.049	-.139	-.498
90	474	-.777	.140	-.451	-1.386	100	108	-.220	.101	.106	-.657	100	158	-.463	.057	-.301	-.702
90	475	-.804	.147	-.465	-1.414	100	109	-.200	.060	.020	-.476	100	159	-.030	.251	.750	-.903
90	476	-.790	.132	-.408	-1.521	100	110	-.299	.059	-.061	-.573	100	160	.021	.260	.618	-.954
90	477	-.740	.112	-.384	-1.280	100	111	-.795	.103	-.414	-1.202	100	161	.141	.116	.524	-.638
90	478	-.712	.123	-.339	-1.289	100	112	-.384	.145	.320	-1.098	100	162	.074	.070	.408	-.190
90	479	-.759	.173	-.288	-1.510	100	113	-.233	.154	.143	-.915	100	163	-.051	.058	.256	-.225
90	480	-.759	.145	-.421	-1.692	100	114	-.521	.137	-.198	-.996	100	164	-.286	.058	-.037	-.493
90	481	-.762	.143	-.441	-1.691	100	115	-.516	.052	-.346	-.671	100	165	-.474	.069	-.254	-.760
90	482	-.773	.143	-.415	-1.598	100	116	-.206	.098	.089	-.662	100	166	.066	.218	.679	-.575
90	483	-.727	.107	-.426	-1.208	100	117	-.307	.062	.018	-.581	100	167	.097	.216	.616	-.590
90	484	-.700	.102	-.413	-1.187	100	118	-.479	.048	-.291	-.682	100	168	.158	.094	.492	-.327
90	485	-.671	.098	-.400	-1.194	100	119	-.379	.146	.291	-1.379	100	169	.090	.064	.454	-.162
90	486	-.698	.134	-.298	-1.447	100	120	-.377	.172	.449	-1.395	100	170	-.024	.057	.299	-.218
90	487	-.496	.070	-.228	-.755	100	121	-.033	.121	.307	-.995	100	171	-.268	.067	.039	-.540
90	488	-.444	.061	-.253	-.651	100	122	-.107	.054	.127	-.474	100	172	-.435	.081	-.148	-.753
90	489	-.524	.058	-.353	-.788	100	123	-.148	.048	.057	-.409	100	173	.138	.160	.691	-.607
90	490	-.681	.100	-.433	-1.148	100	124	-.327	.041	-.136	-.486	100	174	.155	.148	.694	-.720
90	491	-.447	.065	-.197	-.713	100	125	-.460	.043	-.276	-.598	100	175	.159	.089	.564	-.499
90	492	-.367	.064	-.152	-.625	100	126	-.312	.154	.383	-.864	100	176	.106	.069	.434	-.150
90	493	-.446	.142	-.022	-1.057	100	127	-.330	.175	.556	-.928	100	177	.006	.062	.250	-.184
90	801	.043	.102	.388	-.301	100	128	.030	.178	.346	-.858	100	178	-.242	.072	.026	-.537
90	802	-.086	.094	.234	-.418	100	129	.001	.058	.212	-.379	100	179	-.443	.096	-.156	-.930
90	803	-.117	.079	.128	-.413	100	130	-.130	.040	.046	-.322	100	180	.159	.130	.596	-.620
90	804	-.579	.056	-.383	-.776	100	131	-.347	.037	-.223	-.485	100	181	.176	.133	.580	-.568
90	805	-.043	.094	.348	-.369	100	132	-.463	.040	-.329	-.609	100	182	.188	.080	.547	-.138
90	806	-.585	.049	-.425	-.774	100	133	-.284	.188	.716	-1.092	100	183	.133	.069	.409	-.068
90	807	.236	.128	.571	-.241	100	134	-.290	.196	.611	-.991	100	184	.018	.061	.273	-.148
90	808	-.467	.065	-.156	-.694	100	135	.011	.223	.447	-1.117	100	185	-.234	.063	-.027	-.471
90	809	.147	.120	.476	-.228	100	136	.022	.069	.255	-.458	100	186	-.399	.088	-.080	-.801
90	810	-.364	.096	.018	-.705	100	137	-.121	.045	.078	-.311	100	187	.166	.068	.498	-.101
90	811	-.676	.065	-.431	-.935	100	138	-.347	.038	-.210	-.464	100	188	.147	.064	.385	-.061
90	812	-.614	.061	-.394	-.855	100	139	-.477	.046	-.333	-.633	100	189	.125	.059	.334	-.056
90	813	-.352	.051	-.072	-.561	100	140	-.227	.206	.635	-1.004	100	190	.120	.057	.359	-.034

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	191	.024	.057	.319	-.127	100	248	.304	.106	.718	-.006	100	305	-.615	.062	-.415	-.904
100	192	.006	.054	.232	-.143	100	249	.500	.124	.935	.124	100	306	-.598	.063	-.385	-.899
100	193	-.224	.064	.155	-.461	100	250	.614	.136	1.081	.209	100	307	-.617	.061	-.411	-.876
100	201	-.419	.046	-.239	-.564	100	251	.626	.144	1.087	.183	100	308	-.627	.070	-.403	-1.009
100	202	-.305	.046	-.117	-.466	100	252	.531	.143	.990	.055	100	309	-.648	.077	-.425	-1.077
100	203	.016	.077	.263	-.259	100	253	-.231	.070	.036	-.476	100	310	-.604	.056	-.419	-.855
100	204	-.063	.078	.180	-.304	100	254	-.052	.079	.233	-.273	100	311	-.613	.059	-.382	-.823
100	205	-.374	.056	-.157	-.569	100	255	.240	.108	.635	-.052	100	312	-.596	.059	-.396	-.822
100	206	.108	.173	.606	-.471	100	256	.508	.138	.953	.135	100	313	-.633	.074	-.363	-1.012
100	207	-.627	.071	-.337	-.958	100	257	.564	.147	1.061	.080	100	314	-.579	.056	-.378	-.799
100	208	-.017	.107	.271	-.508	100	258	.497	.148	1.055	-.041	100	315	-.585	.058	-.351	-.823
100	209	.153	.116	.531	-.283	100	259	-.411	.086	-.047	-.758	100	316	-.588	.063	-.399	-.827
100	210	.027	.185	.505	-.724	100	260	-.155	.082	.264	-.480	100	317	-.833	.098	-.475	-1.197
100	211	-.406	.138	.030	-1.092	100	261	.182	.107	.694	-.083	100	318	-.817	.097	-.395	-1.123
100	212	-.174	.068	.062	-.419	100	262	.341	.122	.810	.027	100	319	-.595	.066	-.375	-.913
100	213	.109	.104	.489	-.264	100	263	.444	.136	.922	.066	100	320	-.585	.060	-.377	-.762
100	214	.342	.112	.675	-.114	100	264	.484	.137	1.023	-.142	100	321	-.587	.058	-.389	-.842
100	215	.447	.132	.807	-.082	100	265	.433	.140	.931	-.048	100	322	-.582	.054	-.424	-.852
100	216	-.136	.076	.161	-.419	100	266	-.312	.077	-.013	-.608	100	323	-.601	.052	-.423	-.796
100	217	.486	.170	.959	-.183	100	267	-.140	.081	.141	-.445	100	324	-.573	.051	-.399	-.769
100	218	.461	.151	.916	-.043	100	268	.101	.101	.497	-.180	100	325	-.571	.058	-.396	-.844
100	219	-.140	.069	.129	-.384	100	269	.251	.113	.742	-.041	100	326	-.604	.067	-.385	-.904
100	220	.112	.088	.398	-.170	100	270	.338	.119	.810	.068	100	327	-.596	.063	-.411	-.862
100	221	.227	.114	.601	-.187	100	271	.383	.121	.861	.063	100	328	-.584	.053	-.411	-.808
100	222	.265	.119	.637	-.129	100	272	.361	.118	.798	-.001	100	329	-.589	.052	-.372	-.780
100	223	.412	.127	.760	-.005	100	273	-.397	.072	-.093	-.839	100	330	-.582	.050	-.387	-.755
100	224	.649	.148	1.089	.196	100	274	-.221	.067	.058	-.522	100	331	-.578	.052	-.385	-.755
100	225	.614	.152	1.024	.140	100	275	.042	.080	.383	-.189	100	332	-.573	.050	-.389	-.737
100	226	-.187	.061	.115	-.410	100	276	.176	.091	.552	-.056	100	333	-.623	.078	-.423	-1.034
100	227	.057	.084	.437	-.231	100	277	.226	.099	.653	.011	100	334	-.611	.064	-.456	-.969
100	228	.382	.115	.802	.008	100	278	.248	.102	.713	-.104	100	335	-.601	.053	-.440	-.787
100	229	.547	.133	.917	.068	100	279	.233	.109	.765	-.143	100	336	-.592	.049	-.442	-.776
100	230	.669	.143	1.025	.143	100	280	-.341	.074	.003	-.766	100	337	-.569	.055	-.375	-.780
100	231	.710	.150	1.179	.125	100	281	-.198	.076	.171	-.463	100	338	-.561	.053	-.365	-.745
100	232	.606	.141	1.058	.069	100	282	.083	.098	.649	-.189	100	339	-.561	.055	-.368	-.750
100	233	-.190	.060	.029	-.413	100	283	.211	.113	.742	-.091	100	340	-.607	.073	-.401	-.996
100	234	.036	.074	.278	-.211	100	284	.266	.116	.693	-.040	100	341	-.601	.064	-.384	-1.010
100	235	.395	.108	.715	.030	100	285	.255	.100	.696	-.133	100	342	-.589	.053	-.407	-.816
100	236	.593	.127	.941	.187	100	286	.226	.091	.626	-.094	100	343	-.580	.054	-.419	-.796
100	237	.702	.150	1.107	.236	100	287	-.338	.067	-.097	-.589	100	344	-.571	.052	-.413	-.786
100	238	.694	.153	1.107	.228	100	288	-.177	.052	.101	-.358	100	345	-.571	.057	-.404	-.763
100	239	.546	.154	1.000	-.078	100	289	-.006	.062	.270	-.265	100	346	-.615	.073	-.375	-1.259
100	240	-.225	.059	-.003	-.431	100	290	.129	.069	.466	-.017	100	347	-.611	.068	-.409	-1.056
100	241	-.005	.077	.282	-.276	100	291	.141	.072	.526	-.139	100	348	-.597	.059	-.403	-.798
100	242	.351	.106	.748	.042	100	292	.167	.070	.457	-.056	100	349	-.593	.061	-.401	-.825
100	243	.665	.142	1.129	.240	100	293	.178	.064	.483	.006	100	350	-.584	.059	-.368	-.830
100	244	.671	.144	1.115	.227	100	301	-.592	.052	-.399	-.772	100	351	-.578	.060	-.370	-.796
100	245	.505	.147	.996	.054	100	302	-.608	.051	-.439	-.862	100	352	-.573	.059	-.369	-.800
100	246	-.200	.062	.023	-.429	100	303	-.609	.051	-.414	-.828	100	353	-.630	.114	-.277	-1.475
100	247	-.018	.078	.292	-.294	100	304	-.601	.049	-.415	-.771	100	354	-.616	.098	-.331	-1.354

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	355	-.613	.087	-.285	-1.157
100	356	-.587	.073	-.309	-1.183
100	357	-.563	.071	-.344	-.911
100	358	-.557	.069	-.344	-.879
100	359	-.621	.117	-.172	-1.475
100	360	-.597	.097	-.193	-1.166
100	361	-.605	.106	-.260	-1.549
100	362	-.597	.102	-.353	-1.410
100	363	-.573	.093	-.237	-1.116
100	364	-.549	.088	-.222	-1.030
100	365	-.539	.091	-.245	-1.391
100	366	-.611	.138	-.032	-1.675
100	367	-.585	.120	-.041	-1.404
100	368	-.587	.114	-.219	-1.318
100	369	-.609	.111	-.277	-1.230
100	370	-.566	.097	-.305	-1.361
100	371	-.531	.099	-.234	-1.014
100	372	-.518	.099	-.207	-.975
100	373	-.503	.158	-.014	-1.765
100	374	-.504	.140	-.074	-1.742
100	375	-.592	.118	-.189	-1.268
100	376	-.656	.114	-.243	-1.293
100	377	-.608	.097	-.329	-1.254
100	378	-.584	.097	-.256	-1.055
100	379	-.574	.092	-.238	-.992
100	380	-.518	.128	-.144	-1.407
100	381	-.522	.101	-.195	-1.260
100	382	-.595	.100	-.225	-1.035
100	383	-.635	.106	-.235	-1.127
100	384	-.597	.098	-.270	-1.255
100	385	-.582	.100	-.254	-1.149
100	386	-.577	.101	-.240	-1.119
100	387	-.342	.150	.057	-1.002
100	388	-.402	.137	.151	-.991
100	389	-.601	.114	-.269	-1.231
100	390	-.646	.115	-.355	-1.112
100	391	-.278	.071	-.056	-.507
100	392	-.280	.052	-.093	-.468
100	393	-.294	.048	-.125	-.450
100	394	-.334	.059	-.132	-.571
100	401	-.596	.049	-.420	-.811
100	402	-.602	.049	-.440	-.819
100	403	-.606	.049	-.450	-.848
100	404	-.605	.046	-.445	-.794
100	405	-.603	.059	-.428	-.902
100	406	-.615	.052	-.445	-.852
100	407	-.708	.112	-.420	-1.324
100	408	-.670	.077	-.450	-1.002
100	409	-.620	.061	-.448	-.851
100	410	-.616	.054	-.442	-.826
100	411	-.620	.055	-.450	-.914
100	412	-.555	.050	-.348	-.709
100	413	-.563	.054	-.374	-.750
100	414	-.608	.059	-.414	-.844
100	415	-.595	.055	-.407	-.802
100	416	-.754	.080	-.468	-1.079
100	417	-.583	.066	-.387	-.844
100	418	-.545	.053	-.367	-.708
100	419	-.566	.059	-.345	-.758
100	420	-.567	.057	-.353	-.761
100	421	-.591	.058	-.395	-.808
100	422	-.567	.056	-.380	-.806
100	423	-.563	.058	-.381	-.778
100	424	-.582	.060	-.368	-.827
100	425	-.595	.057	-.357	-.803
100	426	-.564	.054	-.401	-.718
100	427	-.570	.054	-.404	-.727
100	428	-.575	.052	-.397	-.725
100	429	-.575	.058	-.380	-.725
100	430	-.574	.058	-.380	-.721
100	431	-.584	.062	-.376	-.750
100	432	-.587	.060	-.348	-.761
100	433	-.547	.051	-.367	-.704
100	434	-.546	.050	-.370	-.695
100	435	-.559	.050	-.376	-.712
100	436	-.564	.048	-.404	-.715
100	437	-.565	.055	-.298	-.727
100	438	-.565	.060	-.360	-.752
100	439	-.576	.065	-.289	-.832
100	440	-.550	.056	-.356	-.735
100	441	-.558	.059	-.354	-.760
100	442	-.565	.057	-.372	-.757
100	443	-.585	.060	-.394	-.789
100	444	-.590	.063	-.397	-.894
100	445	-.595	.067	-.319	-.996
100	446	-.584	.059	-.411	-.847
100	447	-.589	.060	-.417	-.858
100	448	-.591	.058	-.417	-.861
100	449	-.599	.061	-.377	-.816
100	450	-.602	.060	-.388	-.852
100	451	-.616	.065	-.391	-.981
100	452	-.621	.067	-.386	-.948
100	453	-.602	.071	-.354	-.925
100	454	-.600	.070	-.370	-.911
100	455	-.609	.072	-.368	-.932
100	456	-.623	.075	-.420	-1.168
100	457	-.634	.089	-.334	-1.146
100	458	-.646	.097	-.282	-1.144
100	459	-.602	.088	-.291	-1.035
100	460	-.603	.087	-.309	-1.033
100	461	-.626	.087	-.369	-1.212
100	462	-.633	.090	-.357	-1.095
100	463	-.657	.102	-.373	-1.189
100	464	-.689	.129	-.325	-1.548
100	465	-.720	.169	-.268	-1.841
100	466	-.656	.116	-.336	-1.197
100	467	-.665	.119	-.327	-1.194
100	468	-.681	.121	-.345	-1.302
100	469	-.719	.135	-.374	-1.389
100	470	-.734	.136	-.354	-1.332
100	471	-.762	.175	-.273	-1.642
100	472	-.781	.197	-.240	-1.866
100	473	-.705	.148	-.171	-1.986
100	474	-.713	.145	-.380	-1.854
100	475	-.734	.150	-.406	-1.879
100	476	-.753	.159	-.386	-1.758
100	477	-.712	.125	-.356	-1.412
100	478	-.644	.145	-.090	-1.316
100	479	-.683	.209	-.045	-1.690
100	480	-.693	.145	-.332	-1.406
100	481	-.696	.143	-.333	-1.389
100	482	-.721	.148	-.329	-1.580
100	483	-.720	.129	-.375	-1.298
100	484	-.676	.111	-.330	-1.122
100	485	-.619	.106	-.148	-1.207
100	486	-.621	.154	-.171	-1.534
100	487	-.497	.077	-.207	-.899
100	488	-.439	.066	-.189	-.732
100	489	-.509	.075	-.240	-.866
100	490	-.652	.123	-.248	-1.260
100	491	-.406	.076	-.086	-.664
100	492	-.306	.072	-.058	-.586
100	493	-.381	.147	.070	-1.012
100	801	.000	.092	.354	-.385
100	802	-.198	.061	-.012	-.531
100	803	-.169	.099	.112	-.617
100	804	-.580	.060	-.376	-.831
100	805	.160	.104	.424	-.368
100	806	-.550	.054	-.386	-.717
100	807	.334	.136	.677	-.184
100	808	-.561	.066	-.322	-.833
100	809	.172	.125	.534	-.270
100	810	-.327	.076	-.042	-.673
100	811	-.683	.063	-.459	-.892
100	812	-.613	.063	-.349	-.840
100	813	-.267	.065	-.022	-.524
100	814	-.287	.050	-.125	-.465
100	815	-.318	.088	-.027	-.722
100	901	-.306	.077	-.029	-.689
100	902	.141	.073	.412	-.029

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	903	.198	.072	.519	.009	110	145	-.437	.058	-.236	-.767	110	202	-.260	.053	-.058	-.515
100	904	-.713	.133	-.338	-1.271	110	146	-.636	.189	-.073	-1.590	110	203	.037	.082	.313	-.243
100	905	.227	.127	.998	-.045	110	147	-.653	.200	-.057	-1.511	110	204	-.245	.073	.004	-.535
100	906	-.562	.088	-.280	-.948	110	148	-.537	.295	.247	-1.847	110	205	-.328	.063	-.062	-.595
100	907	-.662	.134	-.266	-2.068	110	149	-.239	.245	.227	-1.275	110	206	-.236	.138	.355	-.827
100	908	-.183	.096	.362	-.489	110	150	-.202	.100	.058	-.884	110	207	-.597	.074	-.374	-1.042
110	101	-.620	.065	-.432	-.948	110	151	-.342	.062	-.019	-.693	110	208	.036	.104	.353	-.640
110	102	-.931	.159	-.405	-1.434	110	152	-.421	.056	-.162	-.668	110	209	.193	.124	.610	-.341
110	103	-.358	.182	-.070	-1.204	110	153	-.602	.218	.006	-1.622	110	210	.022	.172	.468	-.778
110	104	-.473	.050	-.310	-.635	110	154	-.620	.224	.278	-1.756	110	211	-.975	.218	-.330	-1.776
110	105	-1.240	.372	-.188	-2.616	110	155	-.452	.350	.324	-1.684	110	212	-.043	.082	.258	-.367
110	106	-.505	.060	-.290	-.758	110	156	-.160	.080	.166	-.744	110	213	.225	.119	.619	-.221
110	107	-.933	.232	-.240	-1.931	110	157	-.312	.059	-.032	-.611	110	214	.320	.121	.716	-.133
110	108	-.565	.159	-.063	-1.136	110	158	-.420	.063	-.162	-.697	110	215	.235	.133	.735	-.285
110	109	-.294	.067	-.092	-.729	110	159	-.445	.254	.327	-1.816	110	216	-.009	.092	.270	-.367
110	110	-.318	.064	-.096	-.743	110	160	-.432	.282	.328	-1.825	110	217	.617	.176	1.126	-.170
110	111	-.621	.123	-.286	-1.094	110	161	-.233	.295	.305	-1.864	110	218	.278	.132	.733	-.257
110	112	-.825	.165	-.376	-1.873	110	162	-.068	.126	.224	-.940	110	219	-.005	.083	.308	-.304
110	113	-.720	.178	-.082	-1.464	110	163	-.122	.065	.200	-.690	110	220	.251	.104	.603	-.122
110	114	-.609	.134	-.198	-1.250	110	164	-.293	.060	-.063	-.584	110	221	.321	.119	.711	-.092
110	115	-.502	.063	-.261	-.718	110	165	-.423	.081	-.150	-.824	110	222	.321	.121	.740	-.072
110	116	-.607	.177	-.122	-1.306	110	166	-.305	.235	.431	-1.526	110	223	.431	.122	.855	.021
110	117	-.430	.082	-.127	-.787	110	167	-.284	.272	.444	-1.674	110	224	.576	.136	1.058	.123
110	118	-.487	.056	-.298	-.705	110	168	-.063	.215	.311	-1.298	110	225	.428	.137	.854	-.159
110	119	-.761	.157	-.334	-1.346	110	169	-.011	.105	.233	-1.069	110	226	-.048	.076	.219	-.318
110	120	-.774	.163	-.353	-1.387	110	170	-.080	.059	.262	-.459	110	227	.216	.101	.560	-.108
110	121	-.574	.253	.117	-1.464	110	171	-.259	.068	-.006	-.568	110	228	.524	.128	.913	.132
110	122	-.279	.112	-.029	-.876	110	172	-.375	.084	-.124	-.704	110	229	.650	.138	1.025	.155
110	123	-.257	.062	-.055	-.634	110	173	-.141	.215	.467	-1.334	110	230	.712	.141	1.129	.205
110	124	-.393	.057	-.233	-.617	110	174	-.098	.233	.373	-1.417	110	231	.606	.141	1.011	.058
110	125	-.479	.056	-.253	-.658	110	175	.027	.149	.297	-.956	110	232	.380	.129	.783	-.059
110	126	-.726	.161	-.257	-1.357	110	176	.031	.065	.222	-.296	110	233	-.056	.075	.252	-.353
110	127	-.743	.165	-.207	-1.399	110	177	-.048	.053	.141	-.231	110	234	.185	.091	.496	-.132
110	128	-.686	.215	.102	-1.321	110	178	-.238	.066	.037	-.525	110	235	.526	.127	.878	.109
110	129	-.284	.193	.127	-1.134	110	179	-.384	.090	-.102	-.867	110	236	.681	.140	1.076	.265
110	130	-.232	.074	-.006	-.682	110	180	-.036	.188	.428	-1.023	110	237	.738	.152	1.237	.183
110	131	-.376	.056	-.146	-.665	110	181	-.027	.204	.392	-1.102	110	238	.579	.137	1.017	.120
110	132	-.456	.056	-.254	-.658	110	182	.095	.083	.458	-.571	110	239	.294	.128	.747	-.105
110	133	-.673	.145	-.168	-1.260	110	183	.055	.056	.276	-.144	110	240	-.087	.078	.272	-.444
110	134	-.685	.141	-.221	-1.198	110	184	-.036	.052	.191	-.213	110	241	.158	.100	.487	-.203
110	135	-.669	.222	.207	-1.496	110	185	-.225	.059	-.017	-.505	110	242	.494	.128	.843	.097
110	136	-.398	.260	.158	-1.270	110	186	-.354	.086	-.079	-.796	110	243	.689	.149	1.135	.238
110	137	-.288	.164	.041	-1.149	110	187	.104	.089	.419	-.253	110	244	.535	.138	.920	.064
110	138	-.383	.077	-.078	-.858	110	188	.073	.072	.339	-.213	110	245	.258	.131	.688	-.198
110	139	-.461	.067	-.149	-.807	110	189	.057	.062	.269	-.192	110	246	-.066	.074	.200	-.335
110	140	-.692	.177	-.122	-1.807	110	190	.056	.054	.239	-.141	110	247	.126	.091	.481	-.173
110	141	-.703	.170	-.090	-1.506	110	191	-.012	.048	.147	-.165	110	248	.437	.117	.799	.055
110	142	-.661	.244	.193	-1.493	110	192	-.019	.046	.154	-.179	110	249	.584	.138	1.039	.167
110	143	-.244	.140	.123	-1.016	110	193	-.214	.059	.066	-.447	110	250	.633	.143	1.075	.186
110	144	-.358	.067	-.144	-.904	110	201	-.430	.048	-.253	-.597	110	251	.503	.138	.941	.042

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	252	-.289	.131	.724	-.209
110	253	-.105	.082	.220	-.362
110	254	.085	.092	.418	-.217
110	255	.362	.118	.726	-.014
110	256	.542	.135	.967	.158
110	257	.484	.136	1.002	.083
110	258	-.284	.131	.874	-.112
110	259	-.278	.091	.035	-.675
110	260	-.005	.095	.346	-.374
110	261	.305	.127	.773	-.053
110	262	.438	.138	.942	.062
110	263	.498	.146	1.034	.095
110	264	.433	.137	.971	.078
110	265	.258	.129	.704	-.168
110	266	-.205	.088	.085	-.611
110	267	-.015	.095	.296	-.306
110	268	.229	.112	.568	-.087
110	269	.359	.133	.983	-.016
110	270	.412	.135	1.017	.062
110	271	.354	.125	.827	-.003
110	272	.251	.123	.729	-.136
110	273	-.315	.099	.022	-.847
110	274	-.122	.088	.186	-.474
110	275	.140	.094	.522	-.085
110	276	.251	.098	.673	.022
110	277	.273	.103	.858	.050
110	278	.240	.097	.684	-.021
110	279	.187	.106	.587	-.177
110	280	-.267	.085	.074	-.669
110	281	-.089	.097	.298	-.396
110	282	.199	.121	.729	-.081
110	283	.311	.132	.936	.024
110	284	.336	.123	.884	.079
110	285	.259	.089	.654	.030
110	286	.181	.083	.519	-.165
110	287	-.217	.065	.105	-.434
110	288	-.097	.059	.188	-.265
110	289	.063	.091	.458	-.331
110	290	.176	.083	.540	-.031
110	291	.171	.082	.610	-.025
110	292	.177	.074	.556	.001
110	293	.149	.067	.455	-.037
110	301	-.585	.059	-.349	-.788
110	302	-.597	.058	-.410	-.892
110	303	-.598	.060	-.404	-.916
110	304	-.585	.057	-.388	-.809
110	305	-.609	.066	-.313	-.887
110	306	-.615	.076	-.375	-1.070
110	307	-.618	.071	-.227	-1.006
110	308	-.636	.078	-.303	-1.017
110	309	-.629	.080	-.354	-.982
110	310	-.593	.063	-.348	-.856
110	311	-.594	.064	-.347	-.840
110	312	-.592	.068	-.361	-1.044
110	313	-.615	.075	-.299	-.926
110	314	-.564	.059	-.356	-.789
110	315	-.569	.062	-.347	-.818
110	316	-.664	.076	-.408	-.888
110	317	-.923	.112	-.594	-1.335
110	318	-.762	.108	-.405	-1.134
110	319	-.607	.076	-.370	-1.090
110	320	-.595	.066	-.406	-.939
110	321	-.598	.068	-.374	-1.076
110	322	-.584	.062	-.353	-.870
110	323	-.580	.059	-.365	-.810
110	324	-.571	.059	-.347	-.795
110	325	-.569	.068	-.313	-.906
110	326	-.612	.088	-.363	-1.296
110	327	-.608	.087	-.365	-1.340
110	328	-.586	.068	-.357	-.968
110	329	-.576	.063	-.376	-.885
110	330	-.566	.057	-.393	-.799
110	331	-.563	.060	-.374	-.808
110	332	-.557	.058	-.371	-.804
110	333	-.623	.108	-.342	-1.437
110	334	-.610	.091	-.356	-1.166
110	335	-.580	.067	-.379	-.886
110	336	-.559	.061	-.369	-.844
110	337	-.549	.063	-.349	-.851
110	338	-.541	.059	-.343	-.764
110	339	-.540	.062	-.323	-.783
110	340	-.598	.101	-.337	-1.409
110	341	-.588	.099	-.279	-1.514
110	342	-.561	.065	-.333	-.954
110	343	-.544	.063	-.352	-.955
110	344	-.536	.061	-.374	-.834
110	345	-.529	.063	-.340	-.793
110	346	-.581	.105	-.343	-1.671
110	347	-.575	.099	-.325	-1.636
110	348	-.552	.070	-.317	-.986
110	349	-.548	.078	-.337	-1.112
110	350	-.540	.071	-.348	-.890
110	351	-.533	.072	-.316	-1.024
110	352	-.528	.070	-.315	-.976
110	353	-.593	.135	-.231	-1.449
110	354	-.581	.116	-.326	-1.363
110	355	-.568	.097	-.313	-1.259
110	356	-.535	.083	-.327	-1.314
110	357	-.518	.079	-.291	-.931
110	358	-.514	.077	-.296	-.902
110	359	-.592	.163	-.156	-1.807
110	360	-.572	.129	-.273	-1.404
110	361	-.587	.131	-.107	-1.292
110	362	-.565	.116	-.279	-1.321
110	363	-.533	.104	-.218	-1.188
110	364	-.509	.098	-.180	-1.022
110	365	-.499	.105	-.216	-1.226
110	366	-.558	.175	.016	-1.779
110	367	-.563	.153	-.007	-1.616
110	368	-.603	.141	-.222	-1.402
110	369	-.616	.149	-.245	-1.386
110	370	-.565	.130	-.208	-1.267
110	371	-.531	.127	-.137	-1.276
110	372	-.520	.125	-.097	-1.201
110	373	-.434	.148	.037	-1.376
110	374	-.440	.129	.094	-1.182
110	375	-.522	.112	-.023	-.984
110	376	-.631	.135	-.081	-1.644
110	377	-.641	.153	-.335	-1.439
110	378	-.626	.171	-.291	-2.076
110	379	-.609	.157	-.294	-1.651
110	380	-.426	.127	-.094	-1.275
110	381	-.431	.102	-.139	-1.011
110	382	-.486	.109	-.106	-.909
110	383	-.571	.126	-.130	-1.156
110	384	-.594	.120	-.223	-1.108
110	385	-.607	.149	-.264	-1.554
110	386	-.582	.132	-.203	-1.393
110	387	-.245	.122	.155	-.831
110	388	-.344	.107	.192	-.752
110	389	-.484	.090	-.251	-.849
110	390	-.492	.103	-.187	-.883
110	391	-.207	.067	.001	-.461
110	392	-.192	.051	-.009	-.378
110	393	-.209	.049	.000	-.356
110	394	-.260	.058	.027	-.450
110	401	-.599	.060	-.401	-.821
110	402	-.603	.062	-.403	-.862
110	403	-.607	.061	-.416	-.846
110	404	-.612	.057	-.427	-.823
110	405	-.614	.091	-.367	-1.110
110	406	-.615	.063	-.419	-.836
110	407	-.762	.150	-.380	-1.547
110	408	-.660	.093	-.429	-1.063
110	409	-.621	.069	-.409	-.955
110	410	-.626	.064	-.419	-.912
110	411	-.629	.068	-.408	-.956
110	412	-.520	.064	-.307	-.739
110	413	-.539	.067	-.300	-.785
110	414	-.619	.071	-.375	-.925

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	415	-.605	.069	-.343	-.859	110	465	-.625	.148	-.220	-1.696	110	907	-.597	.157	-.195	-1.789
110	416	-.710	.089	-.403	-1.083	110	466	-.518	.114	-.123	-.996	110	908	-.100	.113	.441	-.463
110	417	-.536	.062	-.313	-.785	110	467	-.533	.115	-.119	-1.015	120	101	-.726	.158	-.341	-1.746
110	418	-.528	.058	-.338	-.776	110	468	-.565	.115	-.281	-1.122	120	102	-.983	.165	-.523	-1.771
110	419	-.540	.062	-.333	-.713	110	469	-.638	.143	-.285	-1.659	120	103	-.828	.151	-.190	-1.489
110	420	-.540	.061	-.330	-.711	110	470	-.637	.148	-.283	-1.816	120	104	-.582	.120	-.138	-1.270
110	421	-.561	.069	-.326	-.806	110	471	-.612	.158	-.143	-1.537	120	105	-1.443	.414	-.561	-3.199
110	422	-.531	.067	-.343	-.854	110	472	-.617	.180	-.020	-1.714	120	106	-.507	.090	-.165	-.931
110	423	-.534	.066	-.328	-.791	110	473	-.566	.137	-.124	-1.221	120	107	-1.165	.266	-.356	-2.439
110	424	-.570	.068	-.328	-.825	110	474	-.583	.136	-.208	-1.177	120	108	-.937	.189	-.360	-1.553
110	425	-.597	.065	-.285	-.798	110	475	-.607	.139	-.230	-1.263	120	109	-.477	.132	-.131	-.965
110	426	-.549	.062	-.351	-.721	110	476	-.663	.176	-.255	-1.570	120	110	-.345	.085	-.049	-.799
110	427	-.554	.062	-.356	-.734	110	477	-.610	.149	-.234	-1.547	120	111	-.457	.093	-.056	-.848
110	428	-.558	.060	-.354	-.726	110	478	-.499	.138	.081	-1.311	120	112	-.981	.172	-.405	-1.623
110	429	-.562	.064	-.357	-.814	110	479	-.514	.195	-.052	-1.565	120	113	-1.007	.173	-.493	-1.716
110	430	-.566	.064	-.364	-.789	110	480	-.567	.129	-.174	-1.156	120	114	-.660	.164	-.226	-1.322
110	431	-.583	.066	-.351	-.807	110	481	-.569	.126	-.221	-1.141	120	115	-.461	.081	-.210	-.825
110	432	-.589	.065	-.343	-.828	110	482	-.583	.142	-.244	-1.520	120	116	-1.085	.191	-.282	-1.742
110	433	-.511	.062	-.311	-.790	110	483	-.631	.165	-.283	-1.916	120	117	-.698	.167	-.259	-1.217
110	434	-.512	.059	-.312	-.713	110	484	-.586	.131	-.276	-1.479	120	118	-.541	.098	-.209	-.929
110	435	-.523	.058	-.328	-.755	110	485	-.488	.118	-.117	-1.433	120	119	-.962	.185	-.354	-1.577
110	436	-.523	.057	-.320	-.721	110	486	-.470	.160	-.055	-1.572	120	120	-.964	.182	-.380	-1.570
110	437	-.515	.065	-.288	-.798	110	487	-.462	.081	-.220	-.762	120	121	-.975	.217	-.139	-1.716
110	438	-.525	.069	-.304	-.794	110	488	-.395	.078	-.130	-.695	120	122	-.713	.200	-.155	-1.446
110	439	-.548	.075	-.278	-.849	110	489	-.476	.107	-.137	-.984	120	123	-.474	.129	-.097	-1.055
110	440	-.491	.059	-.283	-.716	110	490	-.589	.143	-.153	-1.396	120	124	-.432	.088	-.176	-.811
110	441	-.497	.058	-.295	-.765	110	491	-.336	.076	-.081	-.629	120	125	-.465	.087	-.171	-.893
110	442	-.504	.053	-.312	-.742	110	492	-.229	.069	.037	-.523	120	126	-.925	.166	-.437	-1.580
110	443	-.512	.058	-.304	-.744	110	493	-.289	.124	.108	-.818	120	127	-.941	.170	-.442	-1.622
110	444	-.520	.061	-.304	-.773	110	801	-.134	.097	.216	-.708	120	128	-.967	.178	-.365	-1.663
110	445	-.538	.075	-.241	-.857	110	802	-.344	.074	-.090	-.737	120	129	-.797	.190	.008	-1.432
110	446	-.504	.065	-.293	-.710	110	803	-.571	.191	-.020	-1.216	120	130	-.516	.163	-.074	-1.159
110	447	-.509	.066	-.299	-.724	110	804	-.552	.079	-.297	-.957	120	131	-.435	.117	-.008	-1.078
110	448	-.513	.064	-.304	-.726	110	805	.107	.074	.373	-.184	120	132	-.448	.099	-.136	-1.079
110	449	-.530	.062	-.308	-.788	110	806	-.493	.053	-.309	-.654	120	133	-.765	.149	-.276	-1.384
110	450	-.534	.059	-.293	-.838	110	807	.403	.134	.766	-.068	120	134	-.772	.145	-.282	-1.342
110	451	-.551	.068	-.320	-.924	110	808	-.549	.063	-.334	-.811	120	135	-.808	.162	-.190	-1.529
110	452	-.560	.072	-.330	-.948	110	809	.151	.110	.484	-.208	120	136	-.797	.194	-.022	-1.570
110	453	-.514	.079	-.308	-.842	110	810	-.375	.086	.044	-.706	120	137	-.677	.221	.141	-1.407
110	454	-.514	.076	-.314	-.833	110	811	-.673	.084	-.352	-.989	120	138	-.552	.195	.068	-1.378
110	455	-.528	.079	-.291	-.883	110	812	-.631	.076	-.390	-.934	120	139	-.564	.224	.007	-2.096
110	456	-.548	.081	-.356	-1.000	110	813	-.176	.068	.079	-.455	120	140	-.791	.158	-.340	-1.830
110	457	-.566	.090	-.313	-1.149	110	814	-.203	.049	.000	-.361	120	141	-.803	.186	-.336	-1.871
110	458	-.582	.101	-.314	-1.242	110	815	-.247	.081	.042	-.625	120	142	-.829	.199	-.115	-1.900
110	459	-.510	.097	-.262	-.956	110	901	-.290	.072	-.009	-.610	120	143	-.626	.253	.065	-1.451
110	460	-.514	.095	-.262	-.950	110	902	.048	.065	.349	-.191	120	144	-.509	.206	.046	-1.633
110	461	-.537	.097	-.220	-.958	110	903	.186	.081	.616	-.059	120	145	-.538	.240	.041	-2.215
110	462	-.565	.103	-.301	-1.064	110	904	-.647	.169	-.294	-1.623	120	146	-.842	.189	-.285	-1.715
110	463	-.587	.114	-.265	-1.302	110	905	.311	.141	.961	.017	120	147	-.856	.197	-.283	-1.801
110	464	-.590	.117	-.262	-1.417	110	906	-.444	.089	-.194	-.828	120	148	-.872	.227	.008	-2.034

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	149	-.723	.296	.248	-1.876
120	150	-.515	.256	.055	-1.601
120	151	-.447	.193	.027	-1.564
120	152	-.463	.173	.038	-1.469
120	153	-.811	.202	-.214	-1.746
120	154	-.828	.204	-.171	-1.776
120	155	-.832	.281	.145	-2.026
120	156	-.359	.238	.233	-1.260
120	157	-.356	.150	.031	-1.122
120	158	-.406	.117	.025	-1.116
120	159	-.763	.236	-.165	-2.517
120	160	-.782	.240	-.007	-2.014
120	161	-.663	.359	.203	-2.412
120	162	-.353	.289	.228	-1.410
120	163	-.232	.183	.337	-1.168
120	164	-.299	.112	.023	-1.005
120	165	-.383	.111	-.024	-1.007
120	166	-.619	.231	.053	-1.616
120	167	-.646	.262	.163	-1.741
120	168	-.454	.337	.326	-1.719
120	169	-.189	.243	.333	-1.537
120	170	-.135	.120	.243	-.870
120	171	-.231	.087	.130	-.730
120	172	-.303	.088	.008	-.655
120	173	-.428	.234	.063	-1.754
120	174	-.412	.274	.219	-1.854
120	175	-.205	.255	.236	-1.364
120	176	-.034	.070	.269	-.462
120	177	-.082	.048	.135	-.283
120	178	-.225	.064	-.018	-.526
120	179	-.322	.082	-.078	-.717
120	180	-.448	.329	.191	-2.011
120	181	-.474	.354	.197	-2.389
120	182	-.006	.165	.502	-.907
120	183	-.032	.064	.163	-.304
120	184	-.088	.053	.101	-.312
120	185	-.204	.059	.001	-.435
120	186	-.287	.073	-.075	-.608
120	187	-.076	.125	.246	-.680
120	188	-.051	.075	.181	-.320
120	189	-.049	.063	.140	-.327
120	190	-.014	.050	.145	-.212
120	191	-.023	.045	.114	-.190
120	192	-.026	.043	.129	-.209
120	193	-.180	.057	.032	-.474
120	201	-.448	.064	-.235	-.733
120	202	-.238	.076	-.020	-.578
120	203	-.043	.078	.339	-.272
120	204	-.315	.071	-.035	-.580
120	205	-.308	.097	.061	-.722
120	206	-.412	.120	.017	-.865
120	207	-.598	.115	-.217	-1.058
120	208	.062	.109	.406	-.589
120	209	.209	.137	.685	-.357
120	210	-.003	.142	.533	-.842
120	211	-1.211	.279	-.245	-1.978
120	212	.079	.105	.401	-.390
120	213	.296	.120	.731	-.125
120	214	.290	.122	.659	-.114
120	215	.018	.122	.445	-.482
120	216	.121	.103	.464	-.290
120	217	.676	.164	1.155	-.157
120	218	.034	.108	.465	-.438
120	219	.146	.100	.457	-.286
120	220	.391	.117	.695	-.021
120	221	.388	.125	.754	-.114
120	222	.344	.129	.715	-.132
120	223	.411	.122	.759	-.045
120	224	.467	.129	.811	.035
120	225	.213	.122	.692	-.196
120	226	.092	.092	.386	-.249
120	227	.358	.117	.685	-.026
120	228	.620	.139	.969	.185
120	229	.713	.144	1.171	.221
120	230	.708	.140	1.156	.241
120	231	.473	.126	.964	.009
120	232	.169	.112	.691	-.279
120	233	.080	.098	.403	-.290
120	234	.322	.115	.659	-.048
120	235	.624	.144	1.082	.206
120	236	.722	.149	1.192	.301
120	237	.711	.138	1.199	.272
120	238	.434	.116	.848	.064
120	239	.090	.105	.578	-.279
120	240	.051	.090	.366	-.260
120	241	.299	.112	.664	-.155
120	242	.600	.136	.988	.096
120	243	.670	.146	1.052	.136
120	244	.402	.127	.765	-.003
120	245	.056	.121	.593	-.412
120	246	.058	.093	.412	-.303
120	247	.255	.110	.659	-.094
120	248	.535	.133	.920	.171
120	249	.627	.152	1.036	.152
120	250	.609	.149	1.014	.171
120	251	.365	.134	.885	-.061
120	252	.087	.119	.605	-.267
120	253	.006	.103	.384	-.334
120	254	.210	.113	.575	-.114
120	255	.468	.138	.896	.060
120	256	.544	.142	1.025	.102
120	257	.349	.127	.832	-.004
120	258	.056	.118	.526	-.391
120	259	-.185	.105	.160	-.742
120	260	.111	.109	.480	-.334
120	261	.427	.132	.969	-.004
120	262	.524	.138	1.063	.143
120	263	.519	.142	1.022	.113
120	264	.315	.126	.772	-.051
120	265	.049	.127	.520	-.586
120	266	-.145	.102	.276	-.616
120	267	.068	.113	.562	-.296
120	268	.308	.129	.869	-.061
120	269	.391	.134	.930	-.022
120	270	.398	.129	.851	.045
120	271	.246	.114	.703	-.094
120	272	.075	.117	.570	-.360
120	273	-.267	.124	.150	-.805
120	274	-.046	.105	.322	-.411
120	275	.215	.107	.674	-.085
120	276	.305	.109	.752	.040
120	277	.298	.104	.768	.035
120	278	.179	.097	.574	-.076
120	279	.057	.117	.491	-.369
120	280	-.189	.092	.189	-.544
120	281	.007	.097	.418	-.294
120	282	.298	.117	.716	.026
120	283	.385	.127	.914	.101
120	284	.368	.113	.894	.107
120	285	.205	.084	.597	-.067
120	286	.053	.103	.433	-.385
120	287	-.114	.069	.232	-.317
120	288	-.016	.066	.280	-.203
120	289	.116	.104	.589	-.248
120	290	.211	.093	.703	-.008
120	291	.181	.086	.617	-.103
120	292	.166	.068	.481	-.020
120	293	.077	.087	.398	-.200
120	301	-.561	.079	-.278	-.939
120	302	-.593	.092	-.309	-1.187
120	303	-.610	.109	-.323	-1.087
120	304	-.598	.108	-.310	-1.611
120	305	-.568	.103	-.206	-1.184
120	306	-.702	.202	-.333	-2.148
120	307	-.570	.108	-.034	-1.175
120	308	-.585	.104	-.184	-1.137
120	309	-.626	.117	-.314	-1.285
120	310	-.603	.102	-.299	-1.087
120	311	-.608	.105	-.289	-1.146
120	312	-.554	.116	-.150	-1.183

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	313	-.574	.120	-.126	-1.237	120	363	-.562	.134	-.236	-1.182	120	419	-.472	.089	-.196	-1.056
120	314	-.566	.092	-.314	-1.036	120	364	-.538	.124	-.228	-1.066	120	420	-.471	.085	-.211	-.843
120	315	-.566	.095	-.314	-1.056	120	365	-.536	.136	-.004	-1.199	120	421	-.503	.090	-.220	-1.328
120	316	-.642	.105	-.264	-1.144	120	366	-.569	.194	.024	-1.838	120	422	-.484	.076	-.242	-.782
120	317	-.872	.148	-.352	-1.521	120	367	-.577	.181	.003	-1.426	120	423	-.487	.077	-.188	-.743
120	318	-.691	.133	-.223	-1.155	120	368	-.632	.173	-.079	-1.474	120	424	-.516	.092	-.213	-.946
120	319	-.578	.144	-.117	-1.384	120	369	-.659	.183	-.201	-1.889	120	425	-.529	.096	-.184	-.884
120	320	-.555	.115	-.152	-1.076	120	370	-.623	.160	-.275	-1.505	120	426	-.480	.093	-.198	-.966
120	321	-.576	.121	-.136	-1.312	120	371	-.598	.151	-.204	-1.443	120	427	-.483	.092	-.196	-.901
120	322	-.586	.117	-.299	-1.278	120	372	-.588	.148	-.203	-1.416	120	428	-.486	.082	-.203	-.799
120	323	-.555	.098	-.289	-1.080	120	373	-.336	.117	.005	-1.088	120	429	-.485	.077	-.271	-.756
120	324	-.552	.096	-.300	-1.059	120	374	-.334	.100	.047	-.989	120	430	-.485	.074	-.270	-.779
120	325	-.537	.091	-.263	-.917	120	375	-.388	.111	.016	-.874	120	431	-.507	.087	-.227	-.826
120	326	-.594	.155	-.265	-1.537	120	376	-.496	.139	.025	-1.129	120	432	-.524	.093	-.229	-.895
120	327	-.586	.147	-.138	-1.499	120	377	-.641	.160	.041	-1.208	120	433	-.498	.136	-.105	-1.239
120	328	-.548	.100	-.266	-1.151	120	378	-.770	.300	-.271	-2.672	120	434	-.480	.111	-.146	-.971
120	329	-.562	.103	-.251	-1.059	120	379	-.723	.248	-.273	-2.195	120	435	-.470	.097	-.163	-.955
120	330	-.547	.091	-.282	-.979	120	380	-.297	.089	-.036	-.825	120	436	-.453	.075	-.172	-.864
120	331	-.538	.092	-.277	-.956	120	381	-.306	.073	-.039	-.629	120	437	-.450	.066	-.200	-.718
120	332	-.532	.090	-.274	-.945	120	382	-.339	.086	-.036	-.702	120	438	-.475	.083	-.200	-.808
120	333	-.618	.201	-.141	-1.780	120	383	-.415	.112	-.058	-.869	120	439	-.513	.107	-.248	-1.027
120	334	-.607	.168	-.214	-1.691	120	384	-.525	.131	-.136	-1.037	120	440	-.495	.129	-.092	-1.091
120	335	-.562	.112	-.233	-1.238	120	385	-.684	.192	-.221	-1.460	120	441	-.462	.116	-.098	-.989
120	336	-.532	.095	-.257	-1.173	120	386	-.607	.164	-.147	-1.288	120	442	-.452	.087	-.218	-.945
120	337	-.517	.097	-.126	-.941	120	387	-.159	.087	.117	-.786	120	443	-.441	.065	-.217	-.725
120	338	-.507	.091	-.174	-.930	120	388	-.261	.071	.125	-.570	120	444	-.462	.082	-.144	-.809
120	339	-.505	.093	-.163	-.929	120	389	-.358	.072	-.151	-.730	120	445	-.501	.108	-.172	-1.101
120	340	-.598	.193	-.208	-1.914	120	390	-.356	.090	-.088	-.831	120	446	-.468	.108	-.182	-1.094
120	341	-.597	.202	-.160	-2.396	120	391	-.148	.062	.197	-.391	120	447	-.464	.107	-.160	-1.048
120	342	-.548	.117	-.267	-1.390	120	392	-.105	.053	.104	-.271	120	448	-.461	.089	-.211	-.877
120	343	-.520	.097	-.265	-1.065	120	393	-.124	.052	.085	-.294	120	449	-.462	.079	-.248	-.953
120	344	-.509	.091	-.262	-1.195	120	394	-.205	.061	.049	-.493	120	450	-.462	.070	-.239	-.795
120	345	-.506	.096	-.239	-1.086	120	401	-.576	.083	-.258	-.932	120	451	-.488	.087	-.217	-.901
120	346	-.598	.196	-.165	-2.369	120	402	-.582	.095	-.270	-.982	120	452	-.509	.102	-.229	-1.070
120	347	-.586	.185	-.065	-2.450	120	403	-.570	.081	-.320	-.922	120	453	-.476	.114	-.187	-1.096
120	348	-.551	.133	-.108	-1.528	120	404	-.582	.082	-.229	-.998	120	454	-.475	.104	-.166	-1.026
120	349	-.548	.140	-.153	-1.463	120	405	-.615	.142	-.200	-2.311	120	455	-.489	.101	-.237	-.965
120	350	-.533	.119	-.250	-1.278	120	406	-.598	.100	-.208	-.990	120	456	-.505	.096	-.237	-1.019
120	351	-.523	.113	-.246	-1.158	120	407	-.725	.204	-.222	-2.458	120	457	-.523	.109	-.131	-1.052
120	352	-.517	.110	-.245	-1.098	120	408	-.625	.130	-.267	-1.362	120	458	-.545	.121	-.159	-1.026
120	353	-.619	.232	-.109	-2.129	120	409	-.599	.100	-.286	-1.254	120	459	-.457	.120	-.106	-.963
120	354	-.598	.184	-.135	-1.791	120	410	-.612	.107	-.333	-1.070	120	460	-.458	.115	-.123	-.889
120	355	-.581	.163	-.163	-1.486	120	411	-.592	.107	-.194	-1.275	120	461	-.491	.123	-.151	-1.055
120	356	-.545	.126	-.235	-1.190	120	412	-.454	.082	-.177	-.820	120	462	-.523	.124	-.250	-1.101
120	357	-.529	.117	-.239	-1.160	120	413	-.487	.088	-.156	-.861	120	463	-.521	.120	-.160	-1.182
120	358	-.523	.113	-.245	-1.143	120	414	-.567	.097	-.198	-1.016	120	464	-.514	.128	.184	-1.150
120	359	-.639	.235	.005	-1.893	120	415	-.551	.099	-.186	-.955	120	465	-.540	.152	.109	-1.356
120	360	-.609	.182	-.009	-1.747	120	416	-.587	.094	-.329	-.998	120	466	-.395	.117	-.005	-.831
120	361	-.597	.166	-.076	-1.540	120	417	-.480	.072	-.281	-.769	120	467	-.410	.118	-.028	-.829
120	362	-.587	.150	-.241	-1.407	120	418	-.518	.086	-.278	-.844	120	468	-.445	.118	-.131	-.957

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	469	-.497	.137	-.164	-1.177
120	470	-.512	.132	-.013	-1.125
120	471	-.528	.162	.029	-1.719
120	472	-.534	.165	.081	-1.713
120	473	-.409	.113	-.077	-.902
120	474	-.421	.114	-.115	-1.052
120	475	-.451	.119	-.146	-1.138
120	476	-.518	.166	-.173	-1.394
120	477	-.444	.129	-.015	-1.013
120	478	-.376	.151	.176	-1.719
120	479	-.392	.187	.054	-1.873
120	480	-.410	.108	-.124	-.968
120	481	-.411	.107	-.138	-.946
120	482	-.448	.133	-.144	-1.160
120	483	-.504	.162	-.159	-1.293
120	484	-.448	.123	-.142	-.984
120	485	-.334	.102	.071	-1.024
120	486	-.321	.136	.028	-2.040
120	487	-.391	.083	-.148	-.961
120	488	-.329	.084	-.103	-.839
120	489	-.394	.117	-.097	-1.132
120	490	-.482	.145	-.126	-1.420
120	491	-.234	.067	.020	-.569
120	492	-.164	.074	.114	-.578
120	493	-.181	.088	.143	-.642
120	801	-.300	.107	.044	-.864
120	802	-.590	.132	-.192	-1.065
120	803	-.986	.183	-.350	-1.569
120	804	-.506	.098	-.192	-1.063
120	805	.047	.082	.307	-.317
120	806	-.468	.072	-.221	-.753
120	807	.421	.135	.859	-.255
120	808	-.527	.091	-.231	-.874
120	809	.111	.104	.464	-.322
120	810	-.362	.085	-.072	-.666
120	811	-.650	.117	-.264	-1.246
120	812	-.638	.114	-.311	-1.143
120	813	-.113	.073	.135	-.429
120	814	-.116	.046	.106	-.257
120	815	-.174	.070	.253	-.462
120	901	-.246	.068	-.034	-.567
120	902	-.035	.065	.174	-.444
120	903	.114	.093	.597	-.271
120	904	-.512	.171	-.151	-1.421
120	905	.405	.153	1.253	.096
120	906	-.305	.063	-.094	-.626
120	907	-.433	.122	-.088	-1.110
120	908	-.026	.105	.478	-.301
130	101	-.540	.120	-.193	-2.086
130	102	-.692	.191	-.251	-1.647
130	103	-.651	.146	-.213	-1.296
130	104	-.582	.122	-.159	-1.382
130	105	-.862	.357	-.171	-3.147
130	106	-.521	.109	-.118	-1.099
130	107	-.643	.158	-.129	-1.500
130	108	-.641	.145	-.196	-1.355
130	109	-.624	.126	-.227	-1.184
130	110	-.513	.113	-.083	-1.114
130	111	-.482	.119	.035	-1.111
130	112	-.606	.133	-.225	-1.162
130	113	-.630	.147	-.235	-1.398
130	114	-.520	.141	-.023	-1.147
130	115	-.484	.138	.060	-1.146
130	116	-.844	.194	-.277	-1.715
130	117	-.823	.172	-.288	-1.430
130	118	-.574	.125	-.155	-1.042
130	119	-.578	.146	-.161	-1.254
130	120	-.584	.145	-.181	-1.254
130	121	-.597	.153	-.220	-1.332
130	122	-.641	.162	-.239	-1.380
130	123	-.557	.135	-.159	-1.220
130	124	-.508	.136	.122	-1.093
130	125	-.528	.171	.051	-1.388
130	126	-.539	.117	-.232	-1.067
130	127	-.544	.120	-.230	-1.089
130	128	-.568	.125	-.245	-1.175
130	129	-.593	.155	-.130	-1.357
130	130	-.552	.135	-.038	-1.149
130	131	-.565	.187	.038	-1.631
130	132	-.585	.203	-.016	-1.863
130	133	-.514	.123	-.181	-1.359
130	134	-.520	.120	-.192	-1.323
130	135	-.536	.131	-.161	-1.407
130	136	-.560	.148	-.119	-1.379
130	137	-.578	.164	.019	-1.567
130	138	-.625	.223	-.021	-2.156
130	139	-.634	.261	-.038	-2.175
130	140	-.544	.120	-.171	-1.121
130	141	-.559	.145	-.201	-1.420
130	142	-.576	.150	-.219	-1.484
130	143	-.596	.186	-.024	-1.992
130	144	-.627	.235	.130	-1.735
130	145	-.645	.279	.114	-2.088
130	146	-.593	.142	-.209	-1.655
130	147	-.596	.145	-.198	-1.682
130	148	-.612	.152	-.211	-1.754
130	149	-.625	.164	-.179	-1.552
130	150	-.619	.173	-.046	-1.548
130	151	-.630	.227	-.026	-1.746
130	152	-.643	.247	-.028	-2.386
130	153	-.634	.157	-.286	-1.581
130	154	-.642	.157	-.294	-1.605
130	155	-.659	.178	-.272	-1.978
130	156	-.611	.187	.066	-1.439
130	157	-.561	.221	.090	-1.676
130	158	-.571	.234	.014	-1.955
130	159	-.685	.186	-.233	-1.549
130	160	-.697	.190	-.238	-1.816
130	161	-.698	.211	.043	-1.884
130	162	-.659	.219	.009	-1.809
130	163	-.564	.231	.085	-1.409
130	164	-.504	.219	-.004	-1.631
130	165	-.493	.213	.124	-1.901
130	166	-.683	.191	-.125	-1.695
130	167	-.706	.209	-.102	-1.906
130	168	-.715	.260	.120	-2.381
130	169	-.557	.318	.380	-1.793
130	170	-.330	.246	.235	-1.214
130	171	-.287	.178	.166	-1.163
130	172	-.311	.139	.061	-1.375
130	173	-.655	.278	-.087	-2.051
130	174	-.711	.286	-.027	-2.180
130	175	-.489	.312	.400	-1.560
130	176	-.107	.162	.286	-.912
130	177	-.112	.080	.195	-.561
130	178	-.200	.066	.012	-.481
130	179	-.258	.069	-.038	-.543
130	180	-.743	.321	.047	-2.232
130	181	-.794	.358	.027	-2.761
130	182	-.076	.296	.645	-1.463
130	183	-.113	.102	.200	-.741
130	184	-.133	.082	.117	-.536
130	185	-.198	.068	-.030	-.533
130	186	-.243	.067	-.037	-.499
130	187	-.209	.118	.105	-.764
130	188	-.146	.075	.055	-.554
130	189	-.130	.072	.053	-.522
130	190	-.093	.064	.086	-.442
130	191	-.032	.054	.187	-.241
130	192	-.035	.049	.169	-.210
130	193	-.157	.062	.193	-.445
130	201	-.394	.068	-.180	-.647
130	202	-.240	.083	.049	-.525
130	203	.069	.079	.380	-.200
130	204	-.227	.080	.049	-.588
130	205	-.328	.131	.054	-.840
130	206	-.305	.101	.105	-.823
130	207	-.819	.241	.155	-1.776
130	208	.076	.115	.509	-.470
130	209	.240	.122	.636	-.265

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	210	.050	.127	.359	-.788	130	260	.179	.122	.569	-.245	130	317	-.812	.168	-.183	-1.417
130	211	-.664	.188	-.262	-1.595	130	261	.440	.129	.911	.029	130	318	-.843	.194	-.238	-1.640
130	212	.159	.121	.518	-.292	130	262	.496	.127	.979	.119	130	319	-.432	.133	.096	-1.212
130	213	.297	.121	.817	-.113	130	263	.442	.123	.945	.092	130	320	-.439	.125	.044	-.974
130	214	.353	.117	.778	-.049	130	264	.203	.106	.664	-.155	130	321	-.532	.157	-.009	-1.278
130	215	.039	.106	.486	-.438	130	265	-.058	.112	.336	-.585	130	322	-.701	.186	-.204	-1.656
130	216	.150	.118	.544	-.264	130	266	-.094	.111	.342	-.511	130	323	-.756	.213	-.277	-1.783
130	217	.675	.156	1.211	.162	130	267	.134	.121	.618	-.209	130	324	-.745	.205	-.278	-1.587
130	218	.085	.106	.424	-.382	130	268	.346	.131	.833	.025	130	325	-.741	.212	-.250	-1.752
130	219	.218	.126	.767	-.207	130	269	.423	.133	.970	.086	130	326	-.491	.176	.038	-1.613
130	220	.474	.127	.942	.102	130	270	.382	.121	.843	.093	130	327	-.479	.160	.087	-1.251
130	221	.413	.132	.828	.008	130	271	.155	.100	.526	-.151	130	328	-.567	.154	-.033	-1.178
130	222	.370	.133	.776	-.045	130	272	-.054	.099	.301	-.463	130	329	-.708	.183	-.102	-1.483
130	223	.423	.127	.829	-.010	130	273	-.208	.137	.294	-.850	130	330	-.722	.196	-.235	-1.492
130	224	.411	.120	.752	.032	130	274	.031	.120	.494	-.335	130	331	-.691	.191	-.214	-1.393
130	225	.200	.110	.528	-.207	130	275	.273	.122	.773	-.013	130	332	-.680	.187	-.204	-1.364
130	226	.149	.119	.498	-.289	130	276	.336	.118	.828	.097	130	333	-.610	.274	.129	-2.203
130	227	.441	.131	.857	.055	130	277	.309	.100	.735	.042	130	334	-.591	.222	.116	-1.627
130	228	.673	.144	1.093	.190	130	278	.112	.090	.455	-.191	130	335	-.611	.198	.164	-1.508
130	229	.720	.142	1.284	.235	130	279	-.073	.120	.348	-.528	130	336	-.652	.190	-.139	-1.563
130	230	.671	.132	1.160	.200	130	280	-.109	.096	.348	-.432	130	337	-.636	.161	-.214	-1.440
130	231	.418	.115	.864	-.003	130	281	.079	.102	.512	-.217	130	338	-.607	.149	-.211	-1.274
130	232	.164	.099	.579	-.232	130	282	.341	.118	.817	.074	130	339	-.601	.153	-.193	-1.301
130	233	.168	.114	.576	-.178	130	283	.406	.122	.921	.122	130	340	-.659	.285	.085	-2.158
130	234	.420	.124	.843	.053	130	284	.361	.108	.864	.118	130	341	-.629	.256	.181	-1.712
130	235	.681	.147	1.207	.252	130	285	.130	.086	.514	-.158	130	342	-.643	.205	-.075	-1.516
130	236	.723	.148	1.178	.296	130	286	-.086	.117	.288	-.546	130	343	-.639	.176	-.222	-1.614
130	237	.677	.135	1.098	.184	130	287	-.047	.073	.314	-.274	130	344	-.614	.165	-.259	-1.659
130	238	.374	.110	.736	.014	130	288	.035	.077	.509	-.175	130	345	-.616	.174	-.157	-1.388
130	239	.070	.098	.394	-.316	130	289	.170	.110	.788	-.086	130	346	-.636	.271	.041	-2.291
130	240	.121	.110	.542	-.289	130	290	.262	.100	.677	.038	130	347	-.621	.253	.128	-2.405
130	241	.398	.126	.888	-.090	130	291	.201	.102	.623	-.101	130	348	-.656	.214	-.043	-1.801
130	242	.672	.134	1.130	.212	130	292	.167	.080	.607	-.009	130	349	-.689	.215	-.107	-1.750
130	243	.648	.129	1.033	.238	130	293	-.014	.075	.330	-.260	130	350	-.664	.188	-.238	-1.853
130	244	.354	.106	.694	-.051	130	301	-.630	.190	-.173	-2.191	130	351	-.646	.177	-.207	-1.501
130	245	.053	.099	.386	-.324	130	302	-.568	.126	-.073	-1.150	130	352	-.637	.173	-.211	-1.371
130	246	.123	.117	.463	-.299	130	303	-.698	.156	-.135	-1.472	130	353	-.653	.279	.053	-2.129
130	247	.344	.126	.753	-.054	130	304	-.795	.202	-.278	-1.669	130	354	-.629	.224	.014	-1.717
130	248	.613	.139	1.037	.204	130	305	-.479	.127	-.031	-1.081	130	355	-.674	.211	.029	-1.583
130	249	.637	.151	1.119	.168	130	306	-1.045	.448	-.187	-3.717	130	356	-.705	.200	-.281	-2.280
130	250	.572	.140	.990	.168	130	307	-.432	.126	.133	-.940	130	357	-.689	.184	-.276	-1.660
130	251	.302	.114	.716	-.033	130	308	-.418	.116	-.064	-.897	130	358	-.680	.176	-.269	-1.509
130	252	.052	.098	.359	-.333	130	309	-.628	.142	-.111	-1.367	130	359	-.564	.246	.065	-2.275
130	253	.060	.112	.466	-.400	130	310	-.770	.173	-.305	-1.463	130	360	-.544	.213	.114	-1.515
130	254	.291	.120	.773	-.145	130	311	-.780	.191	-.294	-1.605	130	361	-.612	.224	.146	-1.641
130	255	.541	.144	1.033	.129	130	312	-.421	.107	-.067	-1.010	130	362	-.700	.209	.060	-1.957
130	256	.535	.141	1.060	.148	130	313	-.517	.153	-.010	-1.178	130	363	-.726	.205	.007	-2.024
130	257	.278	.119	.741	-.125	130	314	-.752	.203	-.259	-1.671	130	364	-.703	.184	-.259	-1.991
130	258	.004	.105	.440	-.478	130	315	-.740	.202	-.258	-1.578	130	365	-.672	.180	-.240	-1.736
130	259	-.147	.124	.241	-.666	130	316	-.505	.107	-.201	-.909	130	366	-.434	.144	.005	-1.480

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	367	-.424	.171	.029	-1.294	130	423	-.417	.080	-.147	-.762	130	473	-.311	.080	-.064	-.665
130	368	-.493	.194	.147	-1.279	130	424	-.417	.096	-.085	-.870	130	474	-.327	.085	-.055	-.724
130	369	-.675	.238	.086	-1.705	130	425	-.435	.105	-.124	-.963	130	475	-.358	.092	-.095	-.783
130	370	-.738	.229	.089	-1.952	130	426	-.483	.104	-.147	-.900	130	476	-.389	.115	.000	-1.094
130	371	-.717	.206	-.142	-2.089	130	427	-.456	.096	-.077	-.928	130	477	-.324	.091	-.035	-.699
130	372	-.699	.194	-.160	-1.717	130	428	-.430	.077	-.160	-.942	130	478	-.406	.263	.130	-1.860
130	373	-.321	.132	.064	-1.044	130	429	-.427	.081	-.170	-.786	130	479	-.458	.279	.116	-2.045
130	374	-.266	.095	.096	-.816	130	430	-.430	.090	-.131	-.992	130	480	-.307	.086	-.090	-.715
130	375	-.254	.101	.071	-.756	130	431	-.436	.111	-.018	-1.081	130	481	-.309	.085	-.095	-.709
130	376	-.306	.145	.147	-.886	130	432	-.445	.116	-.025	-.999	130	482	-.353	.102	-.111	-.922
130	377	-.513	.204	.111	-1.216	130	433	-.482	.130	-.145	-1.178	130	483	-.392	.116	-.116	-1.075
130	378	-1.068	.403	-.108	-3.100	130	434	-.446	.107	-.173	-1.020	130	484	-.331	.091	-.018	-.858
130	379	-.942	.317	-.217	-2.450	130	435	-.415	.085	-.124	-.852	130	485	-.279	.160	.014	-1.831
130	380	-.232	.086	-.019	-.737	130	436	-.410	.079	-.191	-.771	130	486	-.276	.184	.078	-1.973
130	381	-.225	.065	-.009	-.533	130	437	-.424	.096	-.114	-.865	130	487	-.331	.082	-.103	-.773
130	382	-.239	.075	.029	-.552	130	438	-.460	.123	-.126	-.997	130	488	-.284	.083	-.028	-.731
130	383	-.284	.092	-.028	-.769	130	439	-.500	.152	-.093	-1.177	130	489	-.326	.101	-.056	-.756
130	384	-.378	.116	-.091	-.945	130	440	-.500	.133	-.121	-1.098	130	490	-.358	.117	-.042	-.927
130	385	-.625	.197	-.040	-1.349	130	441	-.460	.122	-.137	-1.063	130	491	-.173	.057	.119	-.439
130	386	-.491	.182	.011	-1.190	130	442	-.421	.085	-.171	-.780	130	492	-.125	.075	.203	-.500
130	387	-.112	.055	.149	-.458	130	443	-.435	.102	-.088	-.961	130	493	-.130	.063	.076	-.484
130	388	-.191	.051	.078	-.406	130	444	-.473	.135	-.079	-1.041	130	801	-.357	.089	.002	-1.031
130	389	-.257	.060	-.045	-.504	130	445	-.514	.171	-.027	-1.234	130	802	-.636	.139	-.153	-1.259
130	390	-.256	.086	.032	-.598	130	446	-.502	.131	-.169	-1.036	130	803	-.650	.164	-.181	-1.476
130	391	-.108	.052	.087	-.305	130	447	-.479	.120	-.155	-1.016	130	804	-.483	.103	-.178	-.869
130	392	-.052	.044	.135	-.186	130	448	-.444	.093	-.191	-.986	130	805	.147	.098	.467	-.264
130	393	-.072	.043	.142	-.241	130	449	-.438	.088	-.140	-.847	130	806	-.431	.077	-.191	-.755
130	394	-.185	.062	.042	-.458	130	450	-.453	.113	-.139	-1.059	130	807	.427	.127	.843	-.064
130	401	-.515	.090	-.211	-1.145	130	451	-.494	.154	-.010	-1.311	130	808	-.462	.109	-.144	-.995
130	402	-.549	.100	-.217	-1.083	130	452	-.522	.165	.032	-1.310	130	809	.054	.092	.399	-.306
130	403	-.527	.092	-.199	-.941	130	453	-.532	.153	-.081	-1.193	130	810	-.319	.103	.156	-.854
130	404	-.552	.116	-.108	-1.207	130	454	-.514	.134	-.150	-1.057	130	811	-.648	.131	-.232	-1.055
130	405	-.561	.125	-.014	-1.527	130	455	-.495	.120	-.163	-.998	130	812	-.843	.200	-.220	-1.596
130	406	-.585	.165	-.150	-1.495	130	456	-.464	.124	-.116	-1.349	130	813	-.100	.073	.163	-.519
130	407	-.552	.135	.057	-1.322	130	457	-.491	.162	.071	-1.498	130	814	-.052	.046	.134	-.189
130	408	-.584	.125	-.160	-1.093	130	458	-.520	.166	.022	-1.294	130	815	-.129	.058	.078	-.373
130	409	-.549	.116	-.165	-1.096	130	459	-.483	.171	-.098	-1.330	130	901	-.217	.069	-.004	-.532
130	410	-.535	.130	-.092	-1.354	130	460	-.470	.154	-.110	-1.095	130	902	-.108	.094	.106	-.681
130	411	-.567	.194	.026	-1.858	130	461	-.462	.145	-.052	-1.191	130	903	.039	.096	.490	-.233
130	412	-.456	.099	-.149	-.828	130	462	-.431	.124	-.019	-1.093	130	904	-.397	.124	-.144	-1.069
130	413	-.487	.108	-.140	-.973	130	463	-.448	.148	-.023	-1.309	130	905	.429	.155	1.091	.104
130	414	-.433	.097	-.144	-.947	130	464	-.483	.162	.011	-1.175	130	906	-.221	.059	-.030	-.486
130	415	-.422	.100	-.119	-.878	130	465	-.512	.163	-.063	-1.468	130	907	-.286	.107	-.054	-1.342
130	416	-.515	.098	-.287	-.963	130	466	-.355	.116	.028	-.924	130	908	.017	.090	.387	-.341
130	417	-.447	.079	-.206	-.945	130	467	-.365	.117	.000	-.925	140	101	-.413	.063	-.227	-.704
130	418	-.451	.087	-.197	-.906	130	468	-.385	.117	-.095	-1.095	140	102	-.424	.064	-.237	-.772
130	419	-.457	.105	-.121	-1.088	130	469	-.399	.117	.078	-.927	140	103	-.428	.066	-.240	-.884
130	420	-.442	.094	-.152	-1.108	130	470	-.464	.146	-.012	-1.302	140	104	-.433	.069	-.236	-.831
130	421	-.422	.083	-.209	-.806	130	471	-.508	.173	-.121	-1.387	140	105	-.460	.092	-.237	-1.318
130	422	-.421	.075	-.204	-.726	130	472	-.492	.158	-.116	-1.284	140	106	-.440	.075	-.160	-.794

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	107	-.456	.077	-.206	-.864	140	157	-.574	.142	-.098	-1.386	140	214	.352	.109	.655	-.126
140	108	-.447	.070	-.216	-.728	140	158	-.577	.147	-.120	-1.408	140	215	.015	.080	.312	-.357
140	109	-.455	.091	-.210	-.944	140	159	-.564	.102	-.294	-.980	140	216	.302	.130	.711	-.169
140	110	-.445	.084	-.207	-.886	140	160	-.567	.101	-.298	-1.007	140	217	.667	.160	1.135	-.019
140	111	-.437	.082	-.173	-.972	140	161	-.574	.110	-.284	-1.371	140	218	.078	.080	.339	-.214
140	112	-.416	.065	-.216	-.720	140	162	-.583	.117	-.113	-1.348	140	219	.336	.121	.805	-.176
140	113	-.425	.068	-.201	-.743	140	163	-.585	.130	.002	-1.148	140	220	.578	.130	.975	.025
140	114	-.418	.078	-.103	-1.055	140	164	-.599	.164	-.043	-1.387	140	221	.463	.123	.842	.033
140	115	-.431	.096	-.043	-1.071	140	165	-.607	.200	-.086	-1.907	140	222	.401	.122	.818	-.014
140	116	-.641	.116	-.238	-1.165	140	166	-.614	.128	-.252	-1.401	140	223	.423	.116	.768	.055
140	117	-.692	.116	-.269	-1.090	140	167	-.618	.135	-.171	-1.587	140	224	.352	.104	.746	-.095
140	118	-.511	.086	-.272	-.812	140	168	-.640	.153	-.033	-1.503	140	225	.141	.083	.520	-.159
140	119	-.403	.061	-.206	-.620	140	169	-.649	.174	-.005	-1.604	140	226	.252	.119	.658	-.186
140	120	-.407	.060	-.221	-.619	140	170	-.586	.173	.081	-1.212	140	227	.547	.134	.980	.039
140	121	-.416	.071	-.215	-.836	140	171	-.541	.200	.014	-1.522	140	228	.713	.140	1.127	.219
140	122	-.429	.085	-.178	-1.038	140	172	-.529	.205	-.011	-1.879	140	229	.696	.144	1.135	.164
140	123	-.436	.086	-.198	-.987	140	173	-.756	.207	-.302	-2.045	140	230	.604	.130	1.037	.139
140	124	-.430	.095	-.184	-1.076	140	174	-.766	.227	-.298	-2.084	140	231	.334	.101	.652	-.024
140	125	-.437	.108	-.093	-1.147	140	175	-.739	.211	.087	-1.699	140	232	.110	.075	.381	-.150
140	126	-.389	.061	-.205	-.682	140	176	-.394	.206	.244	-1.013	140	233	.253	.115	.733	-.143
140	127	-.391	.063	-.201	-.728	140	177	-.268	.133	.163	-.704	140	234	.512	.122	.890	.146
140	128	-.400	.062	-.211	-.789	140	178	-.259	.105	.040	-.776	140	235	.723	.134	1.126	.298
140	129	-.413	.070	-.210	-1.068	140	179	-.278	.095	-.055	-.890	140	236	.714	.129	1.051	.265
140	130	-.423	.069	-.257	-.973	140	180	-.755	.225	-.240	-1.925	140	237	.605	.123	1.052	.189
140	131	-.447	.101	-.196	-1.096	140	181	-.783	.251	-.239	-2.356	140	238	.289	.091	.639	-.045
140	132	-.455	.107	-.191	-1.340	140	182	-.431	.340	.630	-1.314	140	239	.020	.072	.282	-.216
140	133	-.404	.063	-.193	-.753	140	183	-.309	.163	.145	-1.103	140	240	.214	.118	.642	-.215
140	134	-.405	.061	-.210	-.727	140	184	-.279	.123	.105	-.728	140	241	.477	.135	.924	.072
140	135	-.411	.065	-.181	-.783	140	185	-.277	.095	-.017	-.770	140	242	.686	.142	1.113	.300
140	136	-.421	.068	-.199	-.824	140	186	-.267	.077	-.058	-.691	140	243	.562	.124	.925	.219
140	137	-.441	.080	-.181	-1.095	140	187	-.348	.124	-.007	-.992	140	244	.258	.093	.566	-.019
140	138	-.474	.117	-.207	-1.276	140	188	-.268	.081	-.028	-.621	140	245	.006	.077	.269	-.248
140	139	-.480	.130	-.191	-1.441	140	189	-.264	.097	-.020	-.717	140	246	.215	.119	.583	-.238
140	140	-.424	.064	-.149	-.661	140	190	-.188	.081	.002	-.541	140	247	.427	.133	.842	-.017
140	141	-.424	.067	-.198	-.736	140	191	-.077	.065	.166	-.330	140	248	.634	.142	1.093	.265
140	142	-.431	.066	-.200	-.734	140	192	-.081	.062	.189	-.370	140	249	.630	.136	1.126	.180
140	143	-.463	.088	-.139	-1.108	140	193	-.202	.080	.085	-.623	140	250	.521	.122	.995	.125
140	144	-.496	.132	-.187	-1.481	140	201	-.290	.051	-.111	-.593	140	251	.231	.095	.566	-.086
140	145	-.515	.148	-.188	-1.606	140	202	-.130	.070	.102	-.421	140	252	.005	.076	.279	-.254
140	146	-.475	.075	-.272	-.744	140	203	.126	.081	.363	-.162	140	253	.173	.127	.618	-.271
140	147	-.475	.077	-.260	-.746	140	204	-.135	.050	.030	-.335	140	254	.400	.136	.813	-.000
140	148	-.482	.076	-.273	-.802	140	205	-.218	.112	.225	-.643	140	255	.586	.150	1.022	.161
140	149	-.477	.085	-.215	-.917	140	206	-.209	.062	.037	-.551	140	256	.468	.125	.959	.155
140	150	-.496	.097	-.220	-.931	140	207	-.847	.324	.319	-1.876	140	257	.200	.095	.609	-.122
140	151	-.531	.146	-.215	-1.976	140	208	.146	.132	.635	-.497	140	258	-.054	.078	.267	-.326
140	152	-.536	.151	-.209	-1.876	140	209	.255	.123	.646	-.371	140	259	-.009	.135	.467	-.551
140	153	-.520	.084	-.291	-.887	140	210	.071	.126	.407	-.593	140	260	.296	.127	.709	-.109
140	154	-.522	.083	-.292	-.874	140	211	-.475	.090	-.229	-.988	140	261	.504	.138	.961	.120
140	155	-.526	.087	-.284	-.894	140	212	.265	.126	.686	-.386	140	262	.500	.128	.972	.158
140	156	-.546	.104	-.261	-1.108	140	213	.305	.120	.739	-.088	140	263	.403	.118	.805	.041

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	264	-.131	.095	.464	-.241
140	265	-.116	.084	.218	-.401
140	266	.067	.123	.583	-.433
140	267	.259	.131	.756	-.176
140	268	.402	.132	.940	.048
140	269	.416	.134	.940	.095
140	270	.337	.120	.809	.004
140	271	.084	.096	.469	-.227
140	272	-.115	.085	.265	-.391
140	273	-.035	.134	.519	-.497
140	274	.153	.113	.655	-.139
140	275	.326	.115	.764	.048
140	276	.351	.112	.853	.095
140	277	.260	.095	.630	.015
140	278	.017	.085	.376	-.296
140	279	-.185	.101	.246	-.645
140	280	.043	.096	.463	-.250
140	281	.191	.098	.617	-.091
140	282	.390	.124	1.015	.090
140	283	.417	.132	1.103	.100
140	284	.337	.117	.944	.056
140	285	.058	.086	.405	-.187
140	286	-.173	.091	.124	-.535
140	287	.009	.067	.322	-.234
140	288	.084	.081	.576	-.169
140	289	.202	.111	.718	-.161
140	290	.272	.101	.702	.056
140	291	.183	.105	.654	-.151
140	292	.137	.084	.557	-.090
140	293	-.097	.074	.250	-.365
140	301	-.503	.125	-.202	-1.282
140	302	-.325	.077	-.104	-.727
140	303	-.549	.160	-.033	-1.017
140	304	-.770	.122	-.341	-1.375
140	305	-.321	.061	-.110	-.586
140	306	-1.154	.280	-.301	-2.193
140	307	-.354	.081	-.036	-.720
140	308	-.170	.050	.001	-.432
140	309	-.168	.071	.020	-.678
140	310	-.617	.235	-.060	-1.396
140	311	-1.064	.217	-.321	-1.980
140	312	-.315	.052	-.143	-.502
140	313	-.519	.150	-.105	-1.206
140	314	-.856	.211	-.132	-1.620
140	315	-.972	.222	-.369	-3.026
140	316	-.329	.061	-.143	-.595
140	317	-.364	.086	-.093	-.853
140	318	-.616	.195	-.017	-1.370
140	319	-.318	.054	-.117	-.539
140	320	-.275	.049	-.107	-.521
140	321	-.203	.070	-.013	-.758
140	322	-.273	.151	.091	-1.175
140	323	-.797	.308	.170	-1.723
140	324	-.979	.194	-.437	-2.592
140	325	-.939	.202	-.335	-2.313
140	326	-.296	.050	-.137	-.489
140	327	-.247	.052	-.060	-.536
140	328	-.167	.084	.056	-.609
140	329	-.334	.229	.198	-1.251
140	330	-.884	.233	.106	-1.769
140	331	-.901	.189	-.280	-1.656
140	332	-.884	.182	-.284	-1.559
140	333	-.327	.117	.108	-1.206
140	334	-.311	.124	.039	-.992
140	335	-.413	.236	.149	-1.369
140	336	-.671	.247	.221	-1.492
140	337	-.792	.160	-.079	-1.450
140	338	-.752	.126	-.332	-1.478
140	339	-.743	.129	-.323	-1.446
140	340	-.372	.144	-.014	-1.293
140	341	-.363	.171	.134	-1.239
140	342	-.464	.235	.084	-1.242
140	343	-.777	.173	-.074	-1.951
140	344	-.745	.140	-.303	-1.456
140	345	-.727	.145	-.259	-1.535
140	346	-.355	.128	.000	-1.403
140	347	-.341	.147	.127	-1.501
140	348	-.397	.216	.101	-1.140
140	349	-.635	.266	.117	-1.566
140	350	-.774	.187	-.024	-1.517
140	351	-.756	.164	-.254	-1.625
140	352	-.741	.158	-.255	-1.592
140	353	-.331	.125	.150	-1.052
140	354	-.315	.126	.007	-.917
140	355	-.354	.206	.187	-1.202
140	356	-.697	.226	.125	-1.564
140	357	-.751	.180	-.226	-1.502
140	358	-.736	.170	-.241	-1.608
140	359	-.393	.119	.038	-.991
140	360	-.343	.118	-.026	-.915
140	361	-.320	.191	.226	-1.345
140	362	-.473	.252	.101	-1.476
140	363	-.706	.243	.193	-1.881
140	364	-.730	.196	-.203	-1.731
140	365	-.722	.204	-.212	-1.992
140	366	-.373	.115	-.022	-.850
140	367	-.304	.107	.072	-.900
140	368	-.246	.139	.108	-.927
140	369	-.307	.227	.146	-1.461
140	370	-.536	.270	.094	-1.586
140	371	-.668	.228	-.053	-1.783
140	372	-.646	.214	-.109	-1.635
140	373	-.379	.140	.040	-1.132
140	374	-.249	.082	.071	-.655
140	375	-.155	.056	.139	-.435
140	376	-.153	.084	.113	-.689
140	377	-.271	.154	.135	-1.090
140	378	-.698	.375	.197	-3.547
140	379	-.631	.286	.072	-2.609
140	380	-.247	.118	.012	-.924
140	381	-.174	.060	.037	-.464
140	382	-.135	.052	.043	-.407
140	383	-.142	.061	.058	-.522
140	384	-.245	.082	-.001	-.733
140	385	-.431	.188	.174	-1.355
140	386	-.326	.154	.168	-1.159
140	387	-.095	.051	.058	-.341
140	388	-.117	.044	.074	-.278
140	389	-.157	.056	-.002	-.430
140	390	-.148	.079	.116	-.483
140	391	-.081	.059	.155	-.297
140	392	-.009	.042	.198	-.197
140	393	-.030	.042	.145	-.220
140	394	-.170	.076	.090	-.603
140	401	-.419	.065	-.200	-.689
140	402	-.423	.060	-.238	-.717
140	403	-.419	.068	-.195	-.702
140	404	-.426	.073	-.119	-.788
140	405	-.451	.072	-.218	-.717
140	406	-.417	.077	-.204	-.932
140	407	-.468	.087	-.151	-.940
140	408	-.472	.083	-.198	-.900
140	409	-.455	.084	-.244	-.926
140	410	-.449	.081	-.225	-.874
140	411	-.491	.100	-.193	-1.031
140	412	-.410	.069	-.203	-.963
140	413	-.418	.076	-.179	-1.208
140	414	-.366	.062	-.139	-.625
140	415	-.348	.064	-.122	-.584
140	416	-.379	.059	-.234	-.592
140	417	-.357	.055	-.185	-.601
140	418	-.471	.076	-.241	-.738
140	419	-.401	.066	-.200	-.663
140	420	-.388	.059	-.213	-.595
140	421	-.362	.059	-.169	-.717
140	422	-.373	.070	-.165	-.838
140	423	-.391	.063	-.219	-.770
140	424	-.365	.061	-.195	-.715
140	425	-.362	.060	-.117	-.611
140	426	-.392	.065	-.194	-.719

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	427	-.378	.059	-.190	-.634	140	477	-.263	.112	.176	-.754	150	111	-.434	.053	-.261	-.659
140	428	-.362	.050	-.198	-.561	140	478	-.608	.352	.389	-2.576	150	112	-.412	.050	-.256	-.616
140	429	-.370	.060	-.203	-.805	140	479	-.609	.317	.169	-2.267	150	113	-.403	.051	-.232	-.603
140	430	-.372	.061	-.196	-.788	140	480	-.300	.086	-.062	-.757	150	114	-.420	.061	-.214	-.629
140	431	-.367	.064	-.180	-.830	140	481	-.307	.088	-.046	-.806	150	115	-.414	.057	-.208	-.647
140	432	-.362	.062	-.190	-.806	140	482	-.354	.098	-.120	-.872	150	116	-.681	.100	-.361	-1.067
140	433	-.403	.071	-.177	-1.043	140	483	-.354	.088	-.078	-.740	150	117	-.666	.089	-.395	-.978
140	434	-.383	.060	-.183	-.835	140	484	-.251	.087	.053	-.739	150	118	-.453	.069	-.252	-.724
140	435	-.374	.055	-.166	-.668	140	485	-.395	.300	.038	-2.714	150	119	-.398	.049	-.258	-.567
140	436	-.374	.057	-.200	-.673	140	486	-.521	.343	.097	-2.162	150	120	-.402	.048	-.256	-.563
140	437	-.384	.068	-.205	-.712	140	487	-.447	.139	-.167	-1.116	150	121	-.412	.050	-.195	-.612
140	438	-.381	.074	-.167	-.911	140	488	-.417	.147	-.091	-1.180	150	122	-.409	.056	-.230	-.737
140	439	-.386	.082	-.148	-.953	140	489	-.412	.135	-.083	-1.136	150	123	-.418	.056	-.248	-.679
140	440	-.433	.075	-.200	-.767	140	490	-.317	.113	.092	-.784	150	124	-.410	.058	-.241	-.713
140	441	-.413	.070	-.159	-.745	140	491	-.142	.083	.363	-.572	150	125	-.423	.062	-.252	-.778
140	442	-.393	.056	-.170	-.577	140	492	-.089	.082	.186	-.485	150	126	-.390	.046	-.237	-.571
140	443	-.398	.074	-.078	-.759	140	493	-.107	.057	.090	-.383	150	127	-.393	.047	-.233	-.580
140	444	-.398	.091	.019	-.913	140	801	-.228	.069	.086	-.471	150	128	-.399	.044	-.249	-.583
140	445	-.411	.109	-.081	-1.115	140	802	-.454	.086	-.193	-.879	150	129	-.408	.051	-.237	-.709
140	446	-.462	.081	-.154	-.795	140	803	-.430	.083	-.198	-.777	150	130	-.415	.052	-.265	-.729
140	447	-.444	.074	-.177	-.715	140	804	-.368	.066	-.186	-.666	150	131	-.428	.066	-.263	-1.158
140	448	-.417	.059	-.229	-.657	140	805	.238	.103	.583	-.156	150	132	-.435	.070	-.256	-1.194
140	449	-.405	.066	-.192	-.702	140	806	-.324	.053	-.165	-.584	150	133	-.399	.045	-.237	-.556
140	450	-.406	.075	-.189	-.711	140	807	.458	.138	.855	-.081	150	134	-.400	.043	-.257	-.551
140	451	-.406	.095	-.083	-.882	140	808	-.367	.085	-.135	-.752	150	135	-.404	.044	-.231	-.577
140	452	-.407	.100	-.051	-1.028	140	809	.091	.078	.351	-.226	150	136	-.411	.044	-.239	-.623
140	453	-.502	.096	-.177	-.945	140	810	-.055	.102	.345	-.883	150	137	-.426	.051	-.259	-.704
140	454	-.477	.084	-.173	-.830	140	811	-.252	.063	-.041	-.717	150	138	-.444	.066	-.272	-.840
140	455	-.438	.079	-.075	-.783	140	812	-.628	.229	-.016	-1.379	150	139	-.453	.074	-.263	-1.018
140	456	-.412	.090	-.101	-.937	140	813	-.093	.086	.157	-.523	150	140	-.419	.047	-.274	-.566
140	457	-.417	.110	-.066	-.960	140	814	-.015	.042	.150	-.173	150	141	-.412	.049	-.242	-.590
140	458	-.412	.111	-.073	-.979	140	815	-.108	.071	.157	-.469	150	142	-.416	.048	-.267	-.584
140	459	-.568	.135	-.138	-1.264	140	901	-.249	.080	-.035	-.614	150	143	-.427	.053	-.278	-.644
140	460	-.528	.114	-.164	-1.083	140	902	-.284	.141	.037	-.859	150	144	-.440	.064	-.259	-.897
140	461	-.461	.104	-.001	-.895	140	903	-.021	.095	.369	-.313	150	145	-.461	.070	-.242	-.948
140	462	-.408	.097	-.049	-.790	140	904	-.353	.091	-.148	-.720	150	146	-.435	.053	-.275	-.626
140	463	-.421	.117	.037	-1.060	140	905	.450	.139	1.061	.167	150	147	-.435	.055	-.263	-.634
140	464	-.400	.110	.085	-.913	140	906	-.162	.059	.077	-.388	150	148	-.439	.053	-.291	-.635
140	465	-.418	.126	.053	-1.007	140	907	-.158	.065	.063	-.637	150	149	-.437	.057	-.242	-.652
140	466	-.460	.151	-.049	-1.082	140	908	.123	.079	.524	-.137	150	150	-.443	.059	-.267	-.742
140	467	-.443	.133	-.054	-.937	150	101	-.405	.050	-.230	-.563	150	151	-.455	.075	-.263	-1.183
140	468	-.419	.110	-.083	-.898	150	102	-.416	.046	-.257	-.569	150	152	-.462	.077	-.266	-1.032
140	469	-.407	.116	.066	-1.043	150	103	-.419	.048	-.233	-.582	150	153	-.442	.058	-.222	-.719
140	470	-.501	.159	.001	-1.381	150	104	-.421	.049	-.256	-.633	150	154	-.445	.056	-.237	-.704
140	471	-.497	.173	-.020	-1.590	150	105	-.425	.055	-.254	-.674	150	155	-.448	.058	-.248	-.694
140	472	-.465	.157	.009	-1.470	150	106	-.430	.054	-.265	-.702	150	156	-.466	.064	-.256	-.865
140	473	-.311	.096	-.036	-.733	150	107	-.438	.059	-.251	-.779	150	157	-.481	.081	-.282	-1.049
140	474	-.330	.097	-.076	-.926	150	108	-.435	.055	-.239	-.673	150	158	-.489	.085	-.262	-1.093
140	475	-.376	.098	-.110	-.845	150	109	-.452	.063	-.267	-.859	150	159	-.442	.079	-.216	-.886
140	476	-.339	.099	.124	-.767	150	110	-.448	.059	-.277	-.717	150	160	-.446	.078	-.229	-.880

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	161	-.454	.083	-.215	-.800	150	218	-.012	.065	.207	-.287	150	268	.430	.129	.926	.117
150	162	-.470	.085	-.245	-.930	150	219	.582	.144	1.027	.014	150	269	.388	.111	.788	.125
150	163	-.487	.097	-.253	-.896	150	220	.691	.143	1.122	.135	150	270	.275	.093	.603	.043
150	164	-.514	.124	-.244	-1.162	150	221	.493	.125	.847	.044	150	271	.017	.074	.293	-.261
150	165	-.534	.137	-.203	-1.390	150	222	.381	.116	.771	-.058	150	272	-.155	.072	.068	-.490
150	166	-.492	.112	-.230	-.980	150	223	.362	.109	.789	-.038	150	273	.160	.120	.717	-.277
150	167	-.496	.114	-.218	-.993	150	224	.231	.090	.512	-.069	150	274	.245	.111	.729	-.035
150	168	-.515	.117	-.219	-1.234	150	225	.026	.068	.279	-.276	150	275	.314	.114	.713	.069
150	169	-.539	.135	-.247	-1.296	150	226	.538	.139	.987	.038	150	276	.301	.110	.708	.054
150	170	-.556	.145	-.184	-1.367	150	227	.700	.145	1.111	.179	150	277	.190	.090	.574	-.030
150	171	-.589	.185	-.133	-1.679	150	228	.719	.137	1.080	.266	150	278	-.050	.078	.280	-.366
150	172	-.602	.192	-.057	-1.821	150	229	.637	.133	1.045	.226	150	279	-.227	.090	.048	-.707
150	173	-.591	.165	-.259	-1.668	150	230	.503	.116	.891	.109	150	280	.176	.101	.682	-.114
150	174	-.594	.160	-.266	-1.648	150	231	.208	.085	.552	-.084	150	281	.263	.101	.665	.025
150	175	-.620	.172	-.255	-1.958	150	232	-.001	.061	.254	-.204	150	282	.373	.121	.946	.113
150	176	-.558	.115	-.081	-1.098	150	233	.507	.134	1.126	-.053	150	283	.361	.122	.939	.074
150	177	-.453	.099	-.072	-.869	150	234	.670	.139	1.153	.139	150	284	.263	.105	.743	-.012
150	178	-.420	.149	-.043	-1.929	150	235	.733	.142	1.116	.282	150	285	.009	.083	.433	-.324
150	179	-.439	.176	-.033	-1.860	150	236	.656	.129	.982	.280	150	286	-.179	.083	.113	-.620
150	180	-.560	.175	-.147	-1.527	150	237	.501	.108	.889	.090	150	287	.094	.078	.456	-.147
150	181	-.565	.179	-.154	-1.573	150	238	.166	.071	.467	-.086	150	288	.098	.082	.469	-.156
150	182	-.557	.165	.215	-1.562	150	239	-.082	.053	.149	-.243	150	289	.198	.103	.699	-.087
150	183	-.480	.117	-.120	-1.209	150	240	.468	.139	.996	.070	150	290	.250	.093	.652	.047
150	184	-.424	.099	-.070	-1.125	150	241	.621	.147	1.105	.134	150	291	.158	.102	.579	-.273
150	185	-.388	.102	-.093	-1.460	150	242	.695	.139	1.198	.235	150	292	.104	.078	.417	-.170
150	186	-.398	.119	-.095	-1.432	150	243	.461	.108	.799	.088	150	293	-.177	.064	.132	-.497
150	187	-.526	.121	-.150	-.979	150	244	.147	.074	.438	-.083	150	301	-.384	.054	-.201	-.656
150	188	-.421	.085	-.191	-.788	150	245	-.090	.058	.178	-.313	150	302	-.268	.038	-.144	-.409
150	189	-.434	.091	-.209	-.956	150	246	.447	.139	.895	-.088	150	303	-.092	.071	.082	-.717
150	190	-.385	.083	-.167	-.810	150	247	.579	.144	1.023	.063	150	304	-.459	.124	.058	-.882
150	191	-.259	.089	.002	-.598	150	248	.650	.141	1.043	.247	150	305	-.310	.045	-.158	-.523
150	192	-.250	.092	.080	-.649	150	249	.562	.126	.960	.182	150	306	-.507	.202	.129	-1.324
150	193	-.207	.118	.117	-.837	150	250	.412	.106	.746	.118	150	307	-.477	.089	-.177	-.827
150	201	-.254	.045	-.053	-.446	150	251	.117	.078	.405	-.114	150	308	-.142	.048	.022	-.342
150	202	.006	.071	.282	-.229	150	252	-.080	.059	.142	-.283	150	309	-.079	.055	.067	-.317
150	203	.125	.073	.396	-.128	150	253	.373	.139	.841	-.016	150	310	-.187	.109	.124	-.750
150	204	-.163	.044	-.006	-.334	150	254	.511	.142	.956	.116	150	311	-.449	.177	-.021	-1.151
150	205	.111	.147	.663	-.511	150	255	.575	.144	1.048	.163	150	312	-.291	.043	-.134	-.455
150	206	-.229	.048	-.039	-.418	150	256	.375	.113	.756	.047	150	313	-.400	.105	-.070	-.792
150	207	-.466	.174	.049	-1.172	150	257	.113	.083	.422	-.156	150	314	-.262	.184	.225	-.846
150	208	.201	.156	.589	-.602	150	258	-.107	.061	.125	-.320	150	315	-.537	.200	.205	-2.065
150	209	.227	.115	.594	-.198	150	259	.256	.139	.818	-.187	150	316	-.276	.044	-.129	-.460
150	210	.043	.117	.413	-.402	150	260	.447	.136	.938	.054	150	317	-.199	.059	.039	-.531
150	211	-.453	.078	-.243	-.832	150	261	.510	.147	.965	.097	150	318	-.149	.105	.143	-.663
150	212	.497	.128	.947	.021	150	262	.449	.130	.825	.109	150	319	-.278	.041	-.095	-.424
150	213	.345	.111	.670	-.027	150	263	.322	.110	.703	.009	150	320	-.196	.038	-.052	-.335
150	214	.253	.095	.589	-.069	150	264	.056	.077	.363	-.179	150	321	-.068	.046	.079	-.253
150	215	-.083	.063	.151	-.347	150	265	-.144	.071	.095	-.379	150	322	-.042	.051	.109	-.330
150	216	.501	.146	.996	-.083	150	266	.261	.130	.811	-.069	150	323	-.064	.160	.210	-.748
150	217	.567	.158	1.004	-.147	150	267	.376	.136	.897	.032	150	324	-.474	.156	.099	-1.241

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	325	-.467	.162	.169	-1.242	150	375	-.121	.052	.104	-.367	150	431	-.369	.045	-.212	-.594
150	326	-.279	.038	-.146	-.414	150	376	-.062	.061	.225	-.344	150	432	-.364	.045	-.212	-.580
150	327	-.204	.035	-.083	-.352	150	377	-.085	.103	.240	-.617	150	433	-.407	.057	-.201	-.683
150	328	-.061	.038	.128	-.246	150	378	-.175	.238	561	-1.327	150	434	-.397	.052	-.212	-.593
150	329	.022	.075	.207	-.649	150	379	-.215	.193	.490	-1.066	150	435	-.394	.049	-.189	-.551
150	330	-.147	.248	.319	-1.061	150	380	-.366	.085	-.092	-.724	150	436	-.390	.046	-.233	-.540
150	331	-.453	.156	.325	-1.149	150	381	-.232	.055	-.040	-.440	150	437	-.385	.043	-.230	-.526
150	332	-.434	.145	.192	-1.116	150	382	-.090	.055	.095	-.262	150	438	-.377	.043	-.226	-.511
150	333	-.285	.039	-.130	-.452	150	383	-.039	.064	.230	-.248	150	439	-.377	.043	-.212	-.515
150	334	-.216	.035	-.076	-.414	150	384	-.120	.069	.100	-.464	150	440	-.420	.053	-.209	-.672
150	335	-.076	.055	.128	-.503	150	385	-.106	.185	.404	-.831	150	441	-.418	.054	-.222	-.641
150	336	-.020	.137	.248	-.656	150	386	-.083	.155	.437	-.688	150	442	-.411	.048	-.241	-.601
150	337	-.260	.270	.378	-1.086	150	387	-.188	.055	-.001	-.414	150	443	-.406	.047	-.268	-.591
150	338	-.434	.141	.201	-.981	150	388	-.063	.041	.093	-.214	150	444	-.398	.047	-.243	-.580
150	339	-.420	.141	.116	-1.007	150	389	-.074	.053	.102	-.331	150	445	-.401	.048	-.214	-.568
150	340	-.324	.041	-.165	-.469	150	390	.010	.095	.408	-.391	150	446	-.442	.058	-.252	-.723
150	341	-.243	.042	-.037	-.414	150	391	-.347	.103	.051	-.677	150	447	-.440	.057	-.265	-.659
150	342	-.092	.053	.105	-.583	150	392	-.087	.041	.126	-.225	150	448	-.434	.052	-.243	-.656
150	343	-.293	.287	.438	-1.252	150	393	-.092	.040	.081	-.249	150	449	-.436	.053	-.282	-.675
150	344	-.447	.162	.164	-1.124	150	394	-.249	.109	.427	-.688	150	450	-.425	.051	-.289	-.598
150	345	-.425	.154	.177	-1.110	150	401	-.389	.052	-.217	-.607	150	451	-.419	.053	-.244	-.591
150	346	-.311	.041	-.125	-.477	150	402	-.402	.050	-.255	-.696	150	452	-.414	.052	-.246	-.580
150	347	-.249	.041	-.052	-.534	150	403	-.401	.053	-.246	-.643	150	453	-.467	.078	-.126	-.787
150	348	-.108	.055	.080	-.553	150	404	-.394	.051	-.196	-.609	150	454	-.456	.071	-.173	-.725
150	349	-.063	.145	.203	-.865	150	405	-.424	.054	-.230	-.688	150	455	-.457	.069	-.212	-.754
150	350	-.280	.271	.322	-1.266	150	406	-.391	.056	-.247	-.873	150	456	-.441	.063	-.235	-.764
150	351	-.445	.182	.315	-1.398	150	407	-.435	.058	-.225	-.701	150	457	-.432	.060	-.219	-.659
150	352	-.431	.168	.128	-1.201	150	408	-.430	.057	-.251	-.756	150	458	-.426	.059	-.204	-.643
150	353	-.316	.051	-.096	-.519	150	409	-.445	.074	-.266	-.776	150	459	-.482	.093	-.186	-1.125
150	354	-.248	.045	-.047	-.443	150	410	-.420	.060	-.234	-.765	150	460	-.459	.085	-.072	-.929
150	355	-.116	.059	.085	-.695	150	411	-.449	.075	-.197	-1.077	150	461	-.455	.088	.030	-1.099
150	356	-.226	.268	.387	-1.182	150	412	-.397	.054	-.235	-.572	150	462	-.466	.086	.010	-.987
150	357	-.429	.199	.423	-1.352	150	413	-.427	.065	-.222	-.971	150	463	-.452	.083	.014	-1.196
150	358	-.415	.178	.322	-1.184	150	414	-.376	.050	-.196	-.583	150	464	-.421	.076	-.017	-.821
150	359	-.391	.080	.030	-.813	150	415	-.367	.052	-.178	-.575	150	465	-.405	.082	-.066	-.865
150	360	-.290	.060	-.014	-.551	150	416	-.347	.045	-.204	-.527	150	466	-.470	.133	-.027	-1.037
150	361	-.132	.061	.044	-.609	150	417	-.374	.057	-.180	-.703	150	467	-.432	.121	.074	-.938
150	362	-.081	.125	.167	-.807	150	418	-.515	.080	-.226	-.913	150	468	-.425	.110	.093	-.842
150	363	-.230	.259	.291	-1.103	150	419	-.385	.057	-.175	-.662	150	469	-.465	.125	.095	-1.143
150	364	-.421	.184	.329	-1.208	150	420	-.377	.055	-.191	-.645	150	470	-.450	.111	.012	-1.096
150	365	-.394	.181	.345	-1.399	150	421	-.366	.052	-.193	-.555	150	471	-.406	.105	.064	-1.056
150	366	-.337	.077	-.052	-.682	150	422	-.383	.059	-.199	-.680	150	472	-.392	.106	.099	-.942
150	367	-.251	.061	-.050	-.541	150	423	-.392	.051	-.218	-.588	150	473	-.368	.130	.030	-1.410
150	368	-.120	.052	.068	-.402	150	424	-.365	.048	-.209	-.530	150	474	-.358	.126	.249	-1.309
150	369	-.070	.098	.160	-.720	150	425	-.375	.051	-.183	-.612	150	475	-.393	.139	.198	-1.201
150	370	-.155	.208	.283	-1.001	150	426	-.396	.053	-.191	-.646	150	476	-.471	.147	.182	-1.351
150	371	-.381	.192	.375	-1.168	150	427	-.389	.053	-.170	-.609	150	477	-.507	.142	.083	-1.579
150	372	-.377	.175	.351	-1.088	150	428	-.380	.047	-.217	-.614	150	478	-.488	.151	.035	-1.796
150	373	-.387	.093	.004	-.868	150	429	-.380	.045	-.227	-.591	150	479	-.471	.139	.055	-1.423
150	374	-.267	.064	.006	-.578	150	430	-.375	.043	-.228	-.593	150	480	-.370	.103	-.068	-1.072

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	481	-.373	.097	-.104	-.882
150	482	-.408	.105	-.121	-.937
150	483	-.424	.119	.015	-.971
150	484	-.456	.143	.082	-1.214
150	485	-.507	.222	-.014	-3.064
150	486	-.498	.173	-.113	-2.332
150	487	-.251	.163	.198	-1.006
150	488	-.257	.166	.240	-1.077
150	489	-.220	.131	.425	-.979
150	490	-.275	.167	.275	-.742
150	491	-.400	.121	.161	-.905
150	492	-.494	.131	.035	-1.127
150	493	-.336	.079	.014	-.695
150	801	-.204	.065	.068	-.457
150	802	-.463	.066	-.265	-.771
150	803	-.390	.056	-.208	-.777
150	804	-.374	.059	-.198	-.619
150	805	.266	.108	.555	-.133
150	806	-.331	.048	-.175	-.545
150	807	.414	.124	.729	-.144
150	808	-.376	.064	-.163	-.725
150	809	.196	.082	.441	-.147
150	810	.105	.093	.479	-.205
150	811	-.108	.053	.072	-.315
150	812	-.127	.108	.178	-.540
150	813	-.196	.090	.038	-.565
150	814	-.081	.039	.100	-.215
150	815	-.342	.098	.024	-.688
150	901	-.375	.091	-.084	-.683
150	902	-.488	.120	-.022	-1.164
150	903	-.044	.093	.571	-.333
150	904	-.478	.117	-.125	-.927
150	905	.391	.138	1.141	.090
150	906	-.252	.068	.023	-.580
150	907	-.051	.067	.245	-.273
150	908	.199	.080	.779	.001
160	101	-.412	.046	-.236	-.558
160	102	-.425	.045	-.262	-.582
160	103	-.429	.046	-.262	-.581
160	104	-.436	.049	-.275	-.647
160	105	-.421	.053	-.224	-.757
160	106	-.432	.051	-.260	-.622
160	107	-.438	.056	-.200	-.718
160	108	-.435	.054	-.233	-.647
160	109	-.445	.058	-.254	-.750
160	110	-.438	.052	-.265	-.699
160	111	-.431	.049	-.262	-.614
160	112	-.402	.047	-.176	-.595
160	113	-.413	.049	-.261	-.590
160	114	-.443	.063	-.222	-.844
160	115	-.425	.054	-.249	-.693
160	116	-.711	.093	-.379	-1.067
160	117	-.538	.075	-.263	-.799
160	118	-.346	.046	-.210	-.527
160	119	-.393	.050	-.229	-.576
160	120	-.397	.048	-.233	-.580
160	121	-.418	.047	-.246	-.576
160	122	-.417	.053	-.252	-.669
160	123	-.416	.058	-.200	-.757
160	124	-.404	.055	-.215	-.633
160	125	-.424	.058	-.232	-.691
160	126	-.395	.045	-.240	-.547
160	127	-.398	.045	-.232	-.549
160	128	-.407	.043	-.255	-.548
160	129	-.407	.042	-.263	-.548
160	130	-.410	.042	-.290	-.567
160	131	-.414	.053	-.192	-.728
160	132	-.425	.060	-.223	-.767
160	133	-.400	.043	-.229	-.553
160	134	-.402	.042	-.237	-.539
160	135	-.409	.042	-.242	-.547
160	136	-.419	.041	-.250	-.556
160	137	-.430	.044	-.273	-.603
160	138	-.445	.057	-.212	-.729
160	139	-.454	.068	-.214	-.814
160	140	-.410	.045	-.250	-.551
160	141	-.419	.046	-.229	-.544
160	142	-.418	.045	-.267	-.547
160	143	-.434	.044	-.284	-.611
160	144	-.442	.048	-.282	-.677
160	145	-.456	.055	-.138	-.730
160	146	-.429	.043	-.292	-.569
160	147	-.429	.045	-.281	-.579
160	148	-.434	.044	-.285	-.588
160	149	-.434	.048	-.256	-.605
160	150	-.438	.046	-.270	-.592
160	151	-.444	.048	-.276	-.621
160	152	-.450	.050	-.248	-.635
160	153	-.424	.057	-.160	-.659
160	154	-.428	.054	-.182	-.652
160	155	-.435	.056	-.214	-.676
160	156	-.456	.059	-.285	-.836
160	157	-.467	.060	-.249	-.890
160	158	-.477	.063	-.217	-1.027
160	159	-.383	.067	-.143	-.676
160	160	-.390	.064	-.163	-.685
160	161	-.412	.072	-.212	-1.087
160	162	-.433	.079	-.240	-1.611
160	163	-.445	.076	-.229	-1.112
160	164	-.463	.082	-.129	-1.017
160	165	-.472	.078	-.146	-.836
160	166	-.355	.073	-.127	-.634
160	167	-.361	.073	-.162	-.661
160	168	-.385	.070	-.171	-.749
160	169	-.424	.080	-.047	-.964
160	170	-.432	.080	.013	-.929
160	171	-.439	.097	.046	-1.370
160	172	-.453	.106	.068	-1.519
160	173	-.454	.089	-.137	-1.132
160	174	-.450	.103	-.100	-1.287
160	175	-.499	.148	-.193	-2.081
160	176	-.495	.121	-.200	-1.388
160	177	-.447	.110	.009	-1.156
160	178	-.438	.123	.066	-1.650
160	179	-.448	.146	.062	-1.794
160	180	-.418	.096	-.119	-.883
160	181	-.422	.093	-.137	-.957
160	182	-.467	.100	-.204	-1.271
160	183	-.473	.107	-.214	-1.145
160	184	-.442	.098	-.145	-1.247
160	185	-.408	.105	-.153	-1.177
160	186	-.418	.128	-.095	-1.463
160	187	-.570	.109	-.285	-1.016
160	188	-.456	.090	-.179	-.906
160	189	-.449	.102	-.161	-1.067
160	190	-.408	.100	-.085	-1.087
160	191	-.314	.108	.086	-1.053
160	192	-.263	.127	.153	-1.027
160	193	-.284	.190	.240	-1.305
160	201	-.234	.041	-.023	-.370
160	202	.142	.075	.433	-.144
160	203	.091	.067	.298	-.151
160	204	-.206	.038	-.044	-.326
160	205	.264	.154	.714	-.261
160	206	-.264	.041	-.093	-.435
160	207	-.089	.095	.215	-.447
160	208	.186	.122	.541	-.305
160	209	.161	.096	.547	-.146
160	210	-.063	.119	.263	-.426
160	211	-.473	.080	-.255	-.802
160	212	.589	.126	.930	.123
160	213	.327	.101	.646	-.039
160	214	.109	.087	.421	-.507
160	215	-.180	.053	.023	-.359
160	216	.541	.162	1.025	-.088
160	217	.408	.146	.813	-.167
160	218	-.120	.053	.082	-.316
160	219	.720	.145	1.113	.203
160	220	.698	.139	1.066	.176
160	221	.433	.113	.785	.035

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	222	.301	.098	.647	-.023	160	272	-.169	.056	.069	-.377	160	329	.187	.070	.414	-.082
160	223	.265	.089	.567	-.054	160	273	.252	.115	.783	-.183	160	330	.304	.084	.549	-.082
160	224	.097	.070	.349	-.153	160	274	.265	.109	.795	-.064	160	331	.204	.240	.772	-.565
160	225	-.086	.054	.135	-.283	160	275	.256	.103	.844	.035	160	332	.170	.208	.859	-.477
160	226	.721	.147	1.159	.140	160	276	.215	.095	.711	.015	160	333	-.250	.035	-.128	-.389
160	227	.746	.144	1.141	.238	160	277	.125	.077	.462	-.059	160	334	-.146	.034	-.021	-.270
160	228	.640	.124	.974	.234	160	278	-.088	.058	.170	-.312	160	335	.057	.052	.262	-.102
160	229	.502	.117	.820	.117	160	279	-.225	.061	.014	-.522	160	336	.201	.067	.435	-.023
160	230	.346	.096	.640	.026	160	280	.256	.096	.667	-.009	160	337	.319	.098	.580	-.329
160	231	.063	.066	.315	-.160	160	281	.293	.099	.651	.063	160	338	.193	.239	.764	-.609
160	232	-.115	.048	.065	-.294	160	282	.336	.114	.851	.065	160	339	.168	.216	.823	-.696
160	233	.694	.138	1.154	.186	160	283	.301	.115	.862	.022	160	340	-.291	.041	-.162	-.440
160	234	.732	.135	1.171	.268	160	284	.199	.099	.672	-.035	160	341	-.178	.038	-.005	-.334
160	235	.664	.128	1.086	.215	160	285	-.033	.071	.314	-.263	160	342	.034	.051	.254	-.131
160	236	.532	.111	.849	.155	160	286	-.176	.065	.062	-.446	160	343	.286	.104	.624	-.388
160	237	.340	.093	.616	.053	160	287	.152	.066	.574	-.067	160	344	.152	.237	.825	-.697
160	238	.026	.056	.226	-.142	160	288	.144	.079	.473	-.072	160	345	.158	.214	.925	-.636
160	239	-.181	.042	-.019	-.322	160	289	.166	.081	.509	-.116	160	346	-.285	.042	-.126	-.455
160	240	.652	.155	1.103	.095	160	290	.185	.080	.518	-.001	160	347	-.187	.041	-.019	-.330
160	241	.696	.142	1.202	.211	160	291	.102	.087	.480	-.182	160	348	.021	.052	.234	-.135
160	242	.629	.125	1.001	.231	160	292	.045	.071	.360	-.148	160	349	.165	.070	.431	-.068
160	243	.321	.090	.653	.048	160	293	-.237	.060	.032	-.478	160	350	.272	.099	.608	-.343
160	244	.020	.058	.254	-.150	160	301	-.345	.057	-.147	-.528	160	351	.164	.239	.801	-.730
160	245	-.180	.045	.010	-.329	160	302	-.249	.035	-.124	-.402	160	352	.136	.215	.832	-.649
160	246	.584	.153	1.108	.138	160	303	-.028	.047	.148	-.211	160	353	-.296	.043	-.149	-.461
160	247	.614	.154	1.169	.187	160	304	-.061	.125	.299	-.426	160	354	-.191	.039	-.031	-.331
160	248	.562	.139	.995	.231	160	305	-.286	.039	-.142	-.447	160	355	.003	.051	.216	-.143
160	249	.471	.114	.888	.156	160	306	.064	.135	.481	-.507	160	356	.228	.099	.532	-.569
160	250	.298	.091	.631	.040	160	307	-.499	.085	-.203	-.805	160	357	.129	.234	.808	-.593
160	251	.010	.062	.291	-.167	160	308	-.075	.057	.081	-.341	160	358	.087	.205	.837	-.541
160	252	-.164	.046	.058	-.324	160	309	.030	.069	.287	-.243	160	359	-.422	.064	-.254	-.686
160	253	.545	.140	1.097	.170	160	310	-.008	.077	.247	-.350	160	360	-.258	.048	-.094	-.428
160	254	.567	.137	1.038	.214	160	311	-.082	.087	.187	-.480	160	361	-.008	.057	.244	-.183
160	255	.505	.128	.930	.176	160	312	-.257	.041	-.111	-.402	160	362	.125	.070	.452	-.192
160	256	.239	.088	.615	.012	160	313	-.218	.100	.066	-.665	160	363	.213	.103	.588	-.332
160	257	-.002	.064	.248	-.277	160	314	.133	.083	.442	-.341	160	364	.161	.231	.699	-.530
160	258	-.187	.049	-.004	-.472	160	315	.078	.183	.770	-.648	160	365	.076	.217	.717	-.658
160	259	.453	.141	.882	.067	160	316	-.228	.042	-.096	-.368	160	366	-.344	.070	-.082	-.743
160	260	.499	.138	.960	.160	160	317	-.049	.089	.359	-.344	160	367	-.210	.056	.025	-.478
160	261	.455	.122	.838	.131	160	318	-.032	.069	.303	-.221	160	368	-.024	.051	.226	-.193
160	262	.355	.103	.731	.082	160	319	-.235	.038	-.063	-.359	160	369	.092	.074	.498	-.082
160	263	.214	.086	.572	-.024	160	320	-.108	.043	.078	-.244	160	370	.161	.099	.647	-.358
160	264	-.031	.061	.284	-.229	160	321	.036	.058	.292	-.164	160	371	.091	.214	.743	-.657
160	265	-.197	.060	.016	-.519	160	322	.080	.062	.347	-.126	160	372	.073	.210	.709	-.566
160	266	.373	.126	.861	-.081	160	323	.195	.073	.495	-.065	160	373	-.388	.084	-.149	-.881
160	267	.395	.130	.877	-.072	160	324	.193	.226	.810	-.709	160	374	-.214	.060	-.020	-.538
160	268	.356	.116	.770	.072	160	325	.154	.216	.844	-.852	160	375	-.014	.056	.214	-.187
160	269	.278	.105	.719	.032	160	326	-.247	.036	-.094	-.365	160	376	.068	.061	.335	-.147
160	270	.163	.085	.510	-.060	160	327	-.133	.039	.025	-.286	160	377	.099	.075	.402	-.193
160	271	-.046	.061	.206	-.255	160	328	.065	.053	.289	-.133	160	378	.157	.135	.637	-.454

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	379	.124	.153	.701	-.868	160	435	-.389	.044	-.239	-.569	160	485	-.515	.121	-.203	-1.132
160	380	-.344	.070	-.098	-.797	160	436	-.384	.041	-.226	-.543	160	486	-.514	.121	-.245	-1.466
160	381	-.170	.050	.047	-.433	160	437	-.388	.042	-.243	-.543	160	487	-.200	.117	.250	-.655
160	382	.027	.065	.302	-.124	160	438	-.377	.042	-.236	-.533	160	488	-.209	.088	.239	-.522
160	383	.098	.075	.441	-.069	160	439	-.373	.044	-.226	-.540	160	489	-.216	.076	.216	-.480
160	384	.022	.065	.263	-.219	160	440	-.436	.051	-.229	-.627	160	490	-.396	.104	.123	-.805
160	385	.167	.114	.561	-.576	160	441	-.435	.049	-.217	-.611	160	491	-.392	.080	-.159	-.763
160	386	.163	.111	.587	-.472	160	442	-.428	.045	-.241	-.560	160	492	-.493	.099	-.255	-.883
160	387	-.162	.046	.067	-.328	160	443	-.414	.045	-.258	-.561	160	493	-.309	.065	-.124	-.554
160	388	.011	.042	.294	-.118	160	444	-.404	.047	-.224	-.556	160	801	-.198	.064	.107	-.415
160	389	.037	.058	.355	-.151	160	445	-.407	.049	-.230	-.590	160	802	-.478	.061	-.287	-.738
160	390	.117	.075	.396	-.253	160	446	-.467	.055	-.267	-.736	160	803	-.399	.052	-.226	-.586
160	391	-.332	.069	-.111	-.624	160	447	-.463	.054	-.307	-.744	160	804	-.348	.063	-.089	-.595
160	392	-.056	.036	.071	-.196	160	448	-.459	.050	-.300	-.645	160	805	.255	.104	.579	-.143
160	393	-.047	.035	.076	-.199	160	449	-.456	.046	-.318	-.621	160	806	-.353	.047	-.179	-.521
160	394	-.105	.115	.449	-.556	160	450	-.450	.047	-.320	-.618	160	807	.348	.112	.685	-.098
160	401	-.405	.044	-.263	-.564	160	451	-.444	.048	-.284	-.629	160	808	-.366	.054	-.172	-.595
160	402	-.419	.043	-.275	-.570	160	452	-.441	.048	-.281	-.622	160	809	.097	.098	.395	-.181
160	403	-.409	.044	-.260	-.579	160	453	-.492	.063	-.263	-1.010	160	810	.147	.102	.537	-.217
160	404	-.406	.045	-.263	-.580	160	454	-.486	.058	-.294	-.821	160	811	-.007	.079	.313	-.302
160	405	-.437	.048	-.258	-.624	160	455	-.476	.054	-.284	-.663	160	812	-.001	.073	.214	-.279
160	406	-.398	.052	-.204	-.673	160	456	-.463	.051	-.271	-.700	160	813	-.136	.064	.076	-.466
160	407	-.438	.049	-.266	-.616	160	457	-.456	.056	-.284	-.668	160	814	-.049	.031	.089	-.164
160	408	-.440	.049	-.258	-.700	160	458	-.453	.055	-.286	-.665	160	815	-.318	.073	-.098	-.598
160	409	-.493	.079	-.289	-.859	160	459	-.514	.106	-.156	-1.233	160	901	-.422	.081	-.178	-.805
160	410	-.418	.055	-.193	-.657	160	460	-.502	.091	-.247	-1.027	160	902	-.478	.107	-.220	-1.214
160	411	-.431	.064	-.135	-.697	160	461	-.494	.081	-.269	-.893	160	903	-.063	.085	.420	-.307
160	412	-.414	.053	-.239	-.598	160	462	-.478	.073	-.291	-.847	160	904	-.516	.108	-.255	-1.255
160	413	-.435	.056	-.212	-.766	160	463	-.467	.069	-.273	-.893	160	905	.316	.119	.936	.037
160	414	-.375	.046	-.178	-.547	160	464	-.458	.065	-.263	-.724	160	906	-.204	.064	.065	-.425
160	415	-.371	.049	-.153	-.556	160	465	-.459	.065	-.253	-.681	160	907	.099	.084	.700	-.132
160	416	-.332	.044	-.187	-.648	160	466	-.506	.120	-.096	-1.245	160	908	.228	.075	.530	.054
160	417	-.450	.057	-.256	-.668	160	467	-.504	.102	-.046	-1.016	170	101	-.395	.048	-.222	-.575
160	418	-.582	.080	-.323	-.884	160	468	-.515	.100	-.263	-1.164	170	102	-.405	.047	-.248	-.604
160	419	-.387	.054	-.216	-.561	160	469	-.515	.100	-.256	-1.517	170	103	-.409	.047	-.258	-.582
160	420	-.382	.050	-.229	-.561	160	470	-.494	.086	-.233	-.955	170	104	-.418	.048	-.269	-.648
160	421	-.386	.051	-.230	-.709	160	471	-.482	.084	-.224	-1.192	170	105	-.413	.049	-.230	-.677
160	422	-.391	.049	-.217	-1.011	160	472	-.477	.082	-.221	-.941	170	106	-.437	.047	-.288	-.662
160	423	-.398	.046	-.237	-.574	160	473	-.474	.127	.138	-1.352	170	107	-.442	.063	-.240	-.906
160	424	-.372	.046	-.213	-.533	160	474	-.458	.115	.001	-1.157	170	108	-.443	.059	-.234	-.840
160	425	-.378	.050	-.212	-.551	160	475	-.484	.101	-.154	-.961	170	109	-.434	.058	-.277	-.802
160	426	-.400	.051	-.188	-.620	160	476	-.520	.117	-.221	-1.233	170	110	-.429	.053	-.293	-.880
160	427	-.394	.049	-.226	-.569	160	477	-.535	.130	-.250	-1.399	170	111	-.425	.051	-.288	-.689
160	428	-.391	.045	-.258	-.533	160	478	-.527	.117	-.232	-1.095	170	112	-.387	.049	-.204	-.558
160	429	-.378	.046	-.238	-.574	160	479	-.522	.113	-.230	-1.055	170	113	-.399	.048	-.247	-.635
160	430	-.371	.046	-.246	-.578	160	480	-.457	.109	-.119	-1.074	170	114	-.420	.054	-.215	-.707
160	431	-.362	.048	-.213	-.587	160	481	-.452	.094	-.127	-.910	170	115	-.411	.052	-.175	-.627
160	432	-.358	.048	-.211	-.580	160	482	-.453	.098	-.111	-.942	170	116	-.654	.080	-.384	-.897
160	433	-.403	.051	-.199	-.621	160	483	-.502	.111	-.172	-1.026	170	117	-.410	.058	-.227	-.711
160	434	-.394	.048	-.212	-.589	160	484	-.523	.128	-.187	-1.181	170	118	-.333	.043	-.198	-.534

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	119	-.385	.047	-.233	-.587	170	169	-.446	.082	-.190	-1.044	170	226	.646	.186	1.039	-.132
170	120	-.390	.046	-.239	-.583	170	170	-.468	.081	-.115	-.818	170	227	.613	.152	.992	-.121
170	121	-.414	.046	-.272	-.652	170	171	-.511	.093	-.175	-.948	170	228	.470	.116	.783	.081
170	122	-.409	.050	-.253	-.740	170	172	-.524	.093	-.199	-.932	170	229	.336	.097	.777	.078
170	123	-.411	.066	-.238	-.784	170	173	-.425	.090	-.058	-1.066	170	230	.188	.076	.503	-.030
170	124	-.398	.051	-.219	-.581	170	174	-.447	.087	-.160	-1.058	170	231	-.053	.049	.144	-.211
170	125	-.402	.059	-.190	-.610	170	175	-.478	.089	-.209	-1.011	170	232	-.194	.038	-.057	-.332
170	126	-.379	.047	-.193	-.514	170	176	-.479	.092	-.137	-1.062	170	233	.634	.200	1.127	-.169
170	127	-.382	.046	-.190	-.517	170	177	-.447	.082	-.130	-.927	170	234	.619	.164	1.034	-.176
170	128	-.394	.044	-.234	-.528	170	178	-.436	.117	.103	-1.201	170	235	.497	.127	.911	.119
170	129	-.401	.046	-.259	-.617	170	179	-.441	.129	.137	-1.294	170	236	.353	.103	.682	.049
170	130	-.399	.047	-.253	-.622	170	180	-.407	.092	-.050	-.799	170	237	.171	.076	.421	-.080
170	131	-.390	.055	-.203	-.664	170	181	-.415	.090	-.065	-.800	170	238	-.091	.045	.087	-.237
170	132	-.393	.062	-.174	-.693	170	182	-.466	.105	-.165	-1.209	170	239	-.247	.041	-.096	-.380
170	133	-.393	.047	-.172	-.528	170	183	-.475	.112	-.237	-1.343	170	240	.571	.198	1.100	-.118
170	134	-.397	.045	-.193	-.522	170	184	-.447	.088	-.119	-.990	170	241	.587	.163	1.013	-.121
170	135	-.406	.045	-.213	-.527	170	185	-.436	.092	.030	-1.046	170	242	.469	.120	.836	.136
170	136	-.418	.045	-.231	-.546	170	186	-.451	.096	-.134	-1.214	170	243	.157	.074	.460	-.052
170	137	-.422	.048	-.237	-.570	170	187	-.634	.116	-.264	-1.176	170	244	-.105	.044	.095	-.233
170	138	-.419	.060	-.215	-.657	170	188	-.496	.101	-.122	-.964	170	245	-.264	.038	-.105	-.414
170	139	-.424	.072	-.136	-.913	170	189	-.467	.115	-.119	-1.304	170	246	.550	.180	1.018	-.064
170	140	-.414	.041	-.266	-.566	170	190	-.428	.113	-.060	-1.097	170	247	.541	.154	.973	-.112
170	141	-.416	.043	-.284	-.588	170	191	-.353	.124	.160	-.951	170	248	.433	.114	.795	.130
170	142	-.422	.042	-.288	-.557	170	192	-.288	.152	.314	-1.005	170	249	.297	.097	.572	-.009
170	143	-.439	.047	-.270	-.649	170	193	-.384	.192	.237	-1.123	170	250	.132	.072	.368	-.120
170	144	-.444	.055	-.236	-.673	170	201	-.232	.044	-.100	-.443	170	251	-.109	.047	.079	-.269
170	145	-.449	.058	-.111	-.805	170	202	.174	.082	.408	-.397	170	252	-.242	.038	-.101	-.369
170	146	-.418	.044	-.250	-.557	170	203	.044	.058	.241	-.181	170	253	.441	.200	.969	-.400
170	147	-.419	.045	-.248	-.559	170	204	-.234	.035	-.111	-.356	170	254	.448	.161	.871	-.341
170	148	-.426	.043	-.274	-.583	170	205	.287	.128	.734	-.155	170	255	.360	.109	.682	.043
170	149	-.441	.042	-.299	-.588	170	206	-.271	.036	-.141	-.411	170	256	.091	.068	.326	-.118
170	150	-.450	.041	-.306	-.597	170	207	-.020	.081	.241	-.306	170	257	-.119	.050	.130	-.347
170	151	-.461	.045	-.305	-.714	170	208	.104	.099	.437	-.305	170	258	-.269	.044	-.104	-.472
170	152	-.469	.048	-.306	-.723	170	209	.083	.084	.405	-.249	170	259	.382	.192	.943	-.385
170	153	-.427	.051	-.265	-.610	170	210	-.091	.104	.196	-.425	170	260	.381	.155	.811	-.487
170	154	-.430	.050	-.223	-.607	170	211	-.508	.098	-.230	-.844	170	261	.313	.117	.757	-.007
170	155	-.436	.051	-.270	-.637	170	212	.479	.142	.841	-.203	170	262	.206	.092	.543	-.016
170	156	-.454	.051	-.296	-.675	170	213	.227	.095	.537	-.078	170	263	.074	.072	.368	-.117
170	157	-.479	.060	-.294	-.760	170	214	-.057	.092	.208	-.611	170	264	-.143	.050	.081	-.316
170	158	-.495	.063	-.316	-.767	170	215	-.248	.044	-.054	-.410	170	265	-.294	.057	-.050	-.606
170	159	-.417	.066	-.118	-.916	170	216	.186	.132	.814	-.203	170	266	.271	.204	1.027	-.511
170	160	-.422	.064	-.152	-.975	170	217	.177	.133	.533	-.249	170	267	.284	.180	.881	-.597
170	161	-.433	.066	-.217	-1.037	170	218	-.198	.047	-.018	-.400	170	268	.238	.106	.649	-.057
170	162	-.446	.065	-.248	-.918	170	219	.623	.175	1.024	-.223	170	269	.137	.085	.521	-.100
170	163	-.461	.064	-.128	-.794	170	220	.549	.135	.883	-.051	170	270	.028	.068	.352	-.167
170	164	-.489	.069	-.174	-.765	170	221	.314	.096	.622	-.007	170	271	-.147	.056	.082	-.378
170	165	-.514	.082	-.212	-.953	170	222	.187	.082	.473	-.085	170	272	-.248	.060	-.039	-.540
170	166	-.384	.074	-.125	-.702	170	223	.149	.076	.412	-.098	170	273	.098	.154	.609	-.509
170	167	-.392	.074	-.136	-.716	170	224	-.022	.054	.174	-.208	170	274	.126	.134	.521	-.391
170	168	-.417	.073	-.217	-.890	170	225	-.172	.045	.087	-.302	170	275	.137	.088	.455	-.250

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	276	.092	.071	.363	-.091	170	333	-.187	.041	-.034	-.325	170	383	.225	.092	.605	-.009
170	277	.015	.061	.318	-.165	170	334	-.048	.045	.130	-.212	170	384	.165	.081	.486	-.104
170	278	-.167	.053	.061	-.365	170	335	.203	.073	.440	-.075	170	385	.248	.095	.697	.009
170	279	-.277	.063	-.031	-.549	170	336	.376	.096	.658	.035	170	386	.233	.092	.641	-.042
170	280	.157	.110	.567	-.223	170	337	.520	.114	.839	.158	170	387	-.111	.043	.053	-.279
170	281	.170	.128	.675	-.448	170	338	.656	.141	1.021	.013	170	388	.072	.045	.287	-.078
170	282	.192	.100	.633	-.126	170	339	.684	.166	1.078	.000	170	389	.127	.058	.360	-.105
170	283	.149	.092	.656	-.086	170	340	-.234	.042	-.084	-.370	170	390	.143	.065	.533	-.165
170	284	.054	.079	.487	-.145	170	341	-.081	.046	.095	-.224	170	391	-.259	.063	-.050	-.530
170	285	-.125	.069	.272	-.476	170	342	.179	.067	.401	-.009	170	392	-.034	.033	.096	-.142
170	286	-.236	.071	.046	-.705	170	343	.478	.109	.848	.153	170	393	-.026	.031	.105	-.133
170	287	.096	.074	.584	-.168	170	344	.597	.135	1.031	.027	170	394	.041	.093	.525	-.284
170	288	.117	.070	.378	-.094	170	345	.631	.165	1.084	-.066	170	401	-.391	.042	-.254	-.527
170	289	.090	.060	.374	-.052	170	346	-.221	.045	-.055	-.380	170	402	-.406	.042	-.271	-.585
170	290	.095	.059	.331	-.050	170	347	-.092	.051	.097	-.257	170	403	-.395	.043	-.279	-.531
170	291	.085	.059	.265	-.222	170	348	.165	.071	.447	-.057	170	404	-.385	.043	-.256	-.537
170	292	-.052	.051	.162	-.223	170	349	.327	.091	.594	.071	170	405	-.425	.051	-.241	-.675
170	293	-.327	.059	-.111	-.532	170	350	.456	.111	.784	.135	170	406	-.374	.052	-.235	-.767
170	301	-.238	.042	-.092	-.433	170	351	.566	.140	.988	-.031	170	407	-.424	.051	-.230	-.678
170	302	-.215	.037	-.094	-.404	170	352	.586	.156	1.014	-.004	170	408	-.432	.056	-.251	-.847
170	303	.043	.061	.258	-.204	170	353	-.249	.050	-.080	-.428	170	409	-.466	.078	-.262	-.885
170	304	.182	.081	.398	-.276	170	354	-.109	.050	.084	-.282	170	410	-.392	.052	-.211	-.562
170	305	-.250	.040	-.078	-.404	170	355	.134	.069	.483	-.061	170	411	-.398	.056	-.186	-.590
170	306	.250	.127	.611	-.177	170	356	.405	.108	.859	.124	170	412	-.405	.054	-.210	-.690
170	307	-.447	.077	-.216	-.789	170	357	.505	.145	.930	-.111	170	413	-.435	.069	-.198	-.777
170	308	-.015	.089	.209	-.387	170	358	.517	.166	.972	-.107	170	414	-.364	.047	-.201	-.528
170	309	.121	.086	.467	-.200	170	359	-.407	.071	-.136	-.692	170	415	-.364	.049	-.181	-.534
170	310	.064	.098	.403	-.363	170	360	-.182	.061	.088	-.382	170	416	-.354	.050	-.192	-.517
170	311	-.032	.079	.214	-.347	170	361	.119	.073	.450	-.133	170	417	-.570	.081	-.346	-.890
170	312	-.190	.046	-.007	-.346	170	362	.272	.094	.664	.020	170	418	-.629	.095	-.339	-.985
170	313	-.035	.077	.227	-.591	170	363	.382	.117	.838	.032	170	419	-.395	.063	-.176	-.663
170	314	.276	.095	.581	-.063	170	364	.474	.145	.971	-.242	170	420	-.391	.058	-.199	-.638
170	315	.497	.134	.899	-.187	170	365	.449	.156	.971	-.200	170	421	-.387	.055	-.218	-.711
170	316	-.166	.050	.025	-.373	170	366	-.307	.068	-.097	-.680	170	422	-.389	.051	-.217	-.616
170	317	.179	.141	.669	-.289	170	367	-.130	.062	.131	-.391	170	423	-.386	.048	-.201	-.552
170	318	.167	.126	.872	-.155	170	368	.095	.069	.374	-.077	170	424	-.361	.049	-.199	-.514
170	319	-.165	.046	.012	-.313	170	369	.222	.090	.616	.006	170	425	-.361	.051	-.183	-.538
170	320	-.006	.056	.192	-.203	170	370	.309	.106	.723	.062	170	426	-.388	.062	-.183	-.705
170	321	.136	.075	.388	-.171	170	371	.379	.134	.882	-.116	170	427	-.382	.056	-.199	-.629
170	322	.182	.077	.440	-.109	170	372	.379	.143	.866	-.145	170	428	-.382	.048	-.202	-.568
170	323	.315	.088	.593	-.012	170	373	-.326	.079	-.089	-.858	170	429	-.373	.043	-.231	-.566
170	324	.563	.121	.925	-.082	170	374	-.123	.058	.126	-.402	170	430	-.361	.043	-.224	-.510
170	325	.637	.155	1.132	-.145	170	375	.100	.060	.347	-.076	170	431	-.350	.045	-.201	-.500
170	326	-.183	.040	-.033	-.299	170	376	.178	.079	.555	-.024	170	432	-.347	.045	-.192	-.501
170	327	-.036	.050	.160	-.182	170	377	.223	.088	.656	-.004	170	433	-.410	.061	-.178	-.844
170	328	.201	.073	.430	-.016	170	378	.268	.102	.762	-.044	170	434	-.405	.054	-.222	-.710
170	329	.343	.094	.616	.030	170	379	.249	.107	.652	-.132	170	435	-.397	.049	-.220	-.593
170	330	.484	.109	.801	.115	170	380	-.282	.084	.004	-.808	170	436	-.390	.046	-.254	-.602
170	331	.641	.138	1.027	.083	170	381	-.086	.062	.160	-.396	170	437	-.387	.043	-.231	-.538
170	332	.682	.161	1.072	-.021	170	382	.135	.074	.525	-.068	170	438	-.378	.043	-.224	-.523

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	439	-.372	.045	-.214	-.523
170	440	-.446	.055	-.243	-.767
170	441	-.444	.055	-.257	-.660
170	442	-.435	.048	-.276	-.606
170	443	-.413	.050	-.256	-.565
170	444	-.405	.051	-.233	-.561
170	445	-.403	.048	-.236	-.558
170	446	-.469	.058	-.297	-.707
170	447	-.463	.056	-.312	-.722
170	448	-.455	.049	-.321	-.612
170	449	-.456	.052	-.282	-.629
170	450	-.449	.052	-.279	-.611
170	451	-.441	.053	-.279	-.621
170	452	-.439	.053	-.264	-.617
170	453	-.519	.085	-.285	-1.153
170	454	-.515	.079	-.302	-.962
170	455	-.497	.068	-.320	-.830
170	456	-.484	.060	-.313	-.744
170	457	-.473	.055	-.300	-.721
170	458	-.472	.054	-.297	-.710
170	459	-.523	.089	-.230	-1.039
170	460	-.519	.082	-.233	-.924
170	461	-.516	.074	-.280	-.900
170	462	-.510	.066	-.302	-.842
170	463	-.505	.065	-.299	-.825
170	464	-.502	.063	-.310	-.798
170	465	-.498	.065	-.285	-.729
170	466	-.541	.113	-.276	-1.260
170	467	-.533	.106	-.261	-1.216
170	468	-.528	.098	-.272	-1.038
170	469	-.528	.092	-.310	-1.160
170	470	-.522	.085	-.328	-1.115
170	471	-.516	.083	-.333	-1.072
170	472	-.515	.082	-.331	-1.051
170	473	-.471	.098	.012	-1.113
170	474	-.466	.092	-.137	-1.137
170	475	-.481	.086	-.224	-.884
170	476	-.507	.105	-.240	-1.106
170	477	-.520	.134	-.236	-1.334
170	478	-.510	.126	-.239	-1.301
170	479	-.507	.123	-.237	-1.203
170	480	-.439	.096	-.086	-1.088
170	481	-.434	.088	-.096	-.927
170	482	-.449	.084	-.119	-.872
170	483	-.461	.088	-.175	-.889
170	484	-.495	.126	-.111	-1.258
170	485	-.496	.120	-.112	-1.151
170	486	-.498	.133	-.139	-1.513
170	487	-.298	.151	.204	-.837
170	488	-.251	.082	.054	-.539
170	489	-.183	.073	.185	-.432
170	490	-.337	.087	.032	-.688
170	491	-.307	.070	-.087	-.611
170	492	-.399	.091	-.160	-.820
170	493	-.241	.059	-.086	-.550
170	801	-.216	.064	-.007	-.449
170	802	-.429	.062	-.251	-.734
170	803	-.380	.054	-.174	-.562
170	804	-.286	.077	.032	-.558
170	805	.191	.104	.512	-.212
170	806	-.373	.051	-.211	-.586
170	807	.164	.114	.516	-.209
170	808	-.363	.051	-.179	-.581
170	809	.030	.075	.290	-.303
170	810	.219	.106	.731	-.178
170	811	.224	.116	.658	-.185
170	812	.053	.075	.348	-.218
170	813	-.061	.045	.103	-.282
170	814	-.025	.028	.072	-.136
170	815	-.242	.064	-.057	-.487
170	901	-.433	.091	-.134	-1.028
170	902	-.469	.093	-.209	-1.110
170	903	-.145	.077	.319	-.400
170	904	-.460	.097	-.184	-1.087
170	905	.177	.110	.660	-.063
170	906	-.116	.067	.150	-.398
170	907	.260	.107	.806	.007
170	908	.210	.079	.559	.043
180	101	-.403	.054	-.247	-.626
180	102	-.414	.055	-.241	-.606
180	103	-.413	.054	-.252	-.622
180	104	-.420	.053	-.244	-.627
180	105	-.409	.062	-.217	-.751
180	106	-.429	.056	-.256	-.644
180	107	-.477	.102	-.195	-1.114
180	108	-.469	.079	-.256	-.786
180	109	-.457	.075	-.266	-.966
180	110	-.438	.057	-.256	-.671
180	111	-.433	.056	-.259	-.689
180	112	-.375	.055	-.169	-.562
180	113	-.385	.054	-.212	-.574
180	114	-.434	.062	-.218	-.641
180	115	-.412	.057	-.217	-.637
180	116	-.589	.081	-.326	-.898
180	117	-.394	.057	-.237	-.682
180	118	-.347	.045	-.213	-.496
180	119	-.368	.051	-.197	-.543
180	120	-.372	.050	-.194	-.547
180	121	-.396	.051	-.212	-.596
180	122	-.385	.058	-.221	-.869
180	123	-.369	.056	-.202	-.893
180	124	-.382	.059	-.179	-.617
180	125	-.391	.061	-.119	-.653
180	126	-.363	.051	-.183	-.546
180	127	-.366	.051	-.207	-.548
180	128	-.376	.050	-.221	-.545
180	129	-.386	.050	-.215	-.604
180	130	-.382	.051	-.203	-.659
180	131	-.386	.060	-.180	-.761
180	132	-.395	.062	-.152	-.759
180	133	-.371	.049	-.205	-.581
180	134	-.373	.047	-.211	-.569
180	135	-.381	.047	-.242	-.563
180	136	-.387	.047	-.226	-.582
180	137	-.392	.055	-.158	-.574
180	138	-.388	.059	-.176	-.641
180	139	-.396	.064	-.120	-.645
180	140	-.410	.055	-.196	-.575
180	141	-.407	.053	-.192	-.557
180	142	-.416	.050	-.248	-.556
180	143	-.421	.057	-.220	-.605
180	144	-.421	.064	-.157	-.594
180	145	-.436	.067	-.131	-.860
180	146	-.439	.048	-.276	-.611
180	147	-.439	.048	-.279	-.620
180	148	-.447	.048	-.303	-.614
180	149	-.445	.056	-.207	-.650
180	150	-.450	.061	-.226	-.689
180	151	-.458	.067	-.192	-.729
180	152	-.469	.068	-.157	-.766
180	153	-.438	.050	-.291	-.682
180	154	-.440	.049	-.296	-.674
180	155	-.445	.051	-.299	-.848
180	156	-.472	.053	-.306	-.684
180	157	-.489	.060	-.269	-.707
180	158	-.505	.064	-.293	-.781
180	159	-.438	.057	-.185	-.699
180	160	-.442	.056	-.204	-.701
180	161	-.449	.055	-.311	-.710
180	162	-.459	.056	-.306	-.826
180	163	-.479	.066	-.195	-.935
180	164	-.507	.073	-.249	-.881
180	165	-.520	.077	-.256	-.855
180	166	-.428	.062	-.133	-.654
180	167	-.432	.063	-.123	-.672
180	168	-.445	.061	-.256	-.754
180	169	-.476	.064	-.274	-.833
180	170	-.508	.077	-.306	-.871
180	171	-.541	.090	-.314	-1.017
180	172	-.548	.091	-.291	-.975

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	173	-.452	.070	-.199	-.771	180	230	.038	.057	.277	-.125	180	280	-.119	.152	.392	-.779
180	174	-.468	.074	-.207	-.888	180	231	-.147	.040	.008	-.286	180	281	-.123	.174	.403	-1.115
180	175	-.485	.074	-.257	-.988	180	232	-.247	.038	-.090	-.413	180	282	.006	.112	.416	-.575
180	176	-.479	.073	-.142	-1.034	180	233	.055	.208	.828	-.631	180	283	-.001	.080	.349	-.251
180	177	-.460	.073	-.144	-.795	180	234	.071	.232	.741	-.614	180	284	-.079	.066	.224	-.270
180	178	-.527	.133	.033	-1.640	180	235	.269	.120	.578	-.741	180	285	-.226	.050	-.034	-.399
180	179	-.518	.118	-.049	-1.293	180	236	.164	.071	.405	-.339	180	286	-.320	.050	-.131	-.523
180	180	-.454	.073	-.233	-.901	180	237	.020	.054	.268	-.149	180	287	-.033	.072	.263	-.280
180	181	-.458	.071	-.244	-.907	180	238	-.181	.037	-.027	-.318	180	288	-.011	.081	.326	-.264
180	182	-.468	.070	-.254	-.913	180	239	-.292	.042	-.140	-.436	180	289	-.039	.057	.188	-.282
180	183	-.466	.065	-.260	-.715	180	240	-.005	.209	.807	-.661	180	290	-.025	.055	.232	-.260
180	184	-.441	.063	-.204	-.747	180	241	.004	.246	.721	-.847	180	291	-.115	.048	.114	-.322
180	185	-.495	.118	-.251	-1.629	180	242	.210	.138	.529	-.518	180	292	-.166	.043	.007	-.304
180	186	-.499	.106	-.228	-1.208	180	243	-.007	.052	.172	-.166	180	293	-.399	.061	-.197	-.634
180	187	-.644	.104	-.340	-1.202	180	244	-.195	.036	-.057	-.316	180	301	-.242	.040	-.099	-.375
180	188	-.519	.099	-.191	-1.029	180	245	-.317	.043	-.149	-.460	180	302	-.178	.039	-.031	-.318
180	189	-.472	.094	-.178	-1.020	180	246	-.065	.203	.713	-.928	180	303	.092	.063	.332	-.137
180	190	-.416	.082	-.122	-.802	180	247	-.049	.237	.684	-.794	180	304	.115	.074	.346	-.149
180	191	-.363	.111	.101	-.783	180	248	.168	.137	.477	-.570	180	305	-.230	.047	-.085	-.552
180	192	-.320	.132	.166	-.925	180	249	.099	.071	.334	-.226	180	306	.167	.151	.701	-.354
180	193	-.379	.147	.054	-1.007	180	250	-.033	.049	.156	-.204	180	307	-.419	.070	-.220	-.798
180	201	-.359	.053	-.158	-.533	180	251	-.221	.037	-.073	-.332	180	308	.028	.109	.271	-.359
180	202	-.126	.122	.229	-.535	180	252	-.319	.040	-.185	-.436	180	309	.193	.099	.501	-.133
180	203	-.043	.045	.084	-.228	180	253	-.090	.225	.751	-.856	180	310	.108	.132	.545	-.471
180	204	-.270	.036	-.145	-.404	180	254	-.075	.250	.694	-.853	180	311	-.118	.087	.218	-.520
180	205	.027	.160	.483	-.899	180	255	.125	.170	.504	-.828	180	312	-.106	.054	.119	-.294
180	206	-.302	.043	-.199	-.453	180	256	-.051	.055	.238	-.319	180	313	.100	.083	.401	-.269
180	207	-.100	.091	.213	-.676	180	257	-.225	.040	-.073	-.361	180	314	.360	.105	.657	-.033
180	208	-.009	.074	.232	-.351	180	258	-.336	.042	-.202	-.502	180	315	.536	.137	.903	.083
180	209	-.026	.067	.197	-.300	180	259	-.137	.225	.701	-1.090	180	316	-.083	.062	.131	-.323
180	210	-.115	.062	.087	-.388	180	260	-.102	.255	.606	-1.109	180	317	.422	.160	.913	-.221
180	211	-.539	.099	-.239	-.891	180	261	.093	.141	.536	-.693	180	318	.497	.164	1.039	-.143
180	212	-.034	.186	.564	-.725	180	262	.038	.073	.380	-.681	180	319	-.077	.056	.153	-.307
180	213	.056	.097	.352	-.430	180	263	-.071	.053	.225	-.360	180	320	.120	.071	.375	-.127
180	214	-.293	.128	.063	-.986	180	264	-.244	.041	-.048	-.390	180	321	.248	.096	.568	-.104
180	215	-.301	.047	-.126	-.482	180	265	-.362	.050	-.178	-.641	180	322	.293	.101	.589	-.077
180	216	.021	.076	.282	-.293	180	266	-.193	.202	.578	-1.014	180	323	.435	.112	.722	.017
180	217	-.071	.084	.279	-.380	180	267	-.170	.238	.696	-.979	180	324	.690	.138	1.054	.194
180	218	-.254	.048	-.095	-.449	180	268	.010	.163	.412	-.746	180	325	.700	.151	1.116	.216
180	219	.014	.217	.775	-.810	180	269	-.004	.072	.238	-.522	180	326	-.108	.052	.117	-.330
180	220	.085	.251	.645	-.705	180	270	-.095	.049	.084	-.342	180	327	.081	.069	.339	-.188
180	221	.175	.082	.435	-.428	180	271	-.244	.046	-.039	-.420	180	328	.356	.098	.677	.018
180	222	.067	.064	.287	-.179	180	272	-.329	.051	-.122	-.531	180	329	.512	.112	.867	.152
180	223	.026	.057	.234	-.205	180	273	-.177	.152	.395	-1.032	180	330	.646	.125	1.010	.200
180	224	-.129	.043	.012	-.284	180	274	-.147	.164	.366	-.996	180	331	.743	.142	1.143	.223
180	225	-.240	.041	-.091	-.391	180	275	-.041	.132	.307	-.799	180	332	.704	.143	1.132	.187
180	226	.049	.203	.785	-.623	180	276	-.038	.074	.209	-.442	180	333	-.100	.051	.066	-.286
180	227	.072	.247	.782	-.651	180	277	-.114	.055	.201	-.417	180	334	.074	.060	.254	-.133
180	228	.272	.093	.539	-.383	180	278	-.261	.045	-.070	-.438	180	335	.367	.090	.625	.068
180	229	.157	.075	.469	-.078	180	279	-.347	.056	-.150	-.591	180	336	.545	.109	.859	.167

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	337	.664	.125	1.090	.257	180	387	-.048	.050	.151	-.212	180	443	-.413	.049	-.249	-.578
180	338	.721	.139	1.117	.258	180	388	.146	.067	.532	-.068	180	444	-.403	.050	-.199	-.578
180	339	.651	.152	1.082	.165	180	389	.194	.072	.519	-.002	180	445	-.414	.054	-.194	-.588
180	340	-.141	.049	.015	-.285	180	390	.113	.066	.490	-.079	180	446	-.512	.073	-.254	-.867
180	341	.044	.062	.305	-.217	180	391	-.168	.070	.081	-.400	180	447	-.506	.072	-.267	-.885
180	342	.345	.087	.599	.049	180	392	-.038	.033	.080	-.158	180	448	-.488	.059	-.304	-.769
180	343	.644	.127	.985	.284	180	393	-.032	.030	.088	-.133	180	449	-.463	.060	-.269	-.694
180	344	.688	.141	1.110	.291	180	394	.075	.075	.440	-.168	180	450	-.453	.059	-.236	-.665
180	345	.596	.152	1.016	.157	180	401	-.395	.048	-.215	-.593	180	451	-.445	.061	-.210	-.648
180	346	-.131	.053	.125	-.311	180	402	-.414	.050	-.241	-.617	180	452	-.442	.061	-.178	-.636
180	347	.025	.061	.337	-.152	180	403	-.408	.048	-.244	-.578	180	453	-.528	.089	-.301	-1.162
180	348	.309	.087	.658	.080	180	404	-.401	.047	-.249	-.568	180	454	-.525	.083	-.320	-1.038
180	349	.470	.111	.851	.128	180	405	-.430	.051	-.259	-.753	180	455	-.511	.072	-.309	-.831
180	350	.578	.125	.942	.185	180	406	-.408	.060	-.197	-.970	180	456	-.491	.065	-.296	-.714
180	351	.607	.139	1.051	.167	180	407	-.429	.052	-.267	-.658	180	457	-.492	.058	-.313	-.714
180	352	.537	.143	.955	.027	180	408	-.434	.053	-.277	-.701	180	458	-.489	.055	-.310	-.709
180	353	-.160	.056	.102	-.425	180	409	-.435	.064	-.262	-.784	180	459	-.547	.094	-.236	-1.084
180	354	.012	.064	.312	-.226	180	410	-.404	.051	-.236	-.596	180	460	-.544	.084	-.191	-1.046
180	355	.286	.096	.608	.010	180	411	-.409	.055	-.212	-.625	180	461	-.542	.076	-.316	-.875
180	356	.543	.142	.951	.196	180	412	-.409	.058	-.238	-.680	180	462	-.534	.069	-.325	-.833
180	357	.573	.150	1.116	.183	180	413	-.440	.067	-.236	-.805	180	463	-.529	.067	-.319	-.797
180	358	.501	.155	1.027	.086	180	414	-.389	.053	-.199	-.586	180	464	-.525	.065	-.317	-.785
180	359	-.334	.069	-.074	-.624	180	415	-.388	.054	-.170	-.591	180	465	-.528	.070	-.311	-.779
180	360	-.067	.066	.204	-.339	180	416	-.381	.052	-.217	-.612	180	466	-.503	.100	-.265	-1.143
180	361	.248	.087	.638	-.073	180	417	-.402	.079	-.339	-.890	180	467	-.551	.104	-.220	-1.154
180	362	.388	.102	.762	.005	180	418	-.420	.090	-.315	-1.012	180	468	-.551	.096	-.236	-1.048
180	363	.472	.123	.922	.061	180	419	-.423	.069	-.165	-.867	180	469	-.554	.098	-.319	-1.084
180	364	.481	.144	.977	.090	180	420	-.412	.061	-.217	-.855	180	470	-.546	.085	-.344	-1.012
180	365	.395	.164	.913	-.073	180	421	-.420	.059	-.210	-.864	180	471	-.542	.083	-.345	-.930
180	366	-.219	.069	.035	-.464	180	422	-.406	.050	-.228	-.646	180	472	-.540	.082	-.348	-.926
180	367	-.017	.072	.310	-.217	180	423	-.409	.048	-.264	-.583	180	473	-.478	.084	-.194	-1.035
180	368	.217	.087	.672	.013	180	424	-.384	.049	-.225	-.568	180	474	-.465	.076	-.148	-.955
180	369	.316	.104	.683	.047	180	425	-.390	.054	-.210	-.572	180	475	-.464	.079	-.168	-.867
180	370	.373	.119	.793	.086	180	426	-.442	.070	-.236	-.838	180	476	-.502	.096	-.053	-.966
180	371	.356	.142	.905	-.050	180	427	-.431	.065	-.230	-.820	180	477	-.536	.129	-.246	-1.310
180	372	.289	.150	.864	-.132	180	428	-.416	.051	-.246	-.620	180	478	-.532	.127	-.285	-1.304
180	373	-.251	.075	-.007	-.649	180	429	-.402	.049	-.244	-.598	180	479	-.528	.122	-.286	-1.246
180	374	-.030	.066	.260	-.314	180	430	-.390	.048	-.252	-.599	180	480	-.457	.075	-.191	-1.045
180	375	.198	.078	.512	-.008	180	431	-.380	.051	-.233	-.587	180	481	-.433	.070	-.160	-.774
180	376	.278	.097	.750	.069	180	432	-.377	.051	-.196	-.557	180	482	-.428	.072	-.135	-.758
180	377	.307	.103	.734	.101	180	433	-.449	.078	-.194	-.955	180	483	-.415	.089	-.094	-.857
180	378	.254	.115	.766	-.003	180	434	-.435	.068	-.220	-1.022	180	484	-.482	.135	.226	-1.227
180	379	.168	.120	.716	-.176	180	435	-.414	.051	-.249	-.750	180	485	-.499	.135	-.233	-1.715
180	380	-.231	.080	.028	-.587	180	436	-.399	.047	-.223	-.583	180	486	-.509	.138	-.148	-1.263
180	381	-.004	.068	.335	-.212	180	437	-.385	.050	-.228	-.590	180	487	-.341	.121	.103	-.893
180	382	.242	.088	.704	.007	180	438	-.374	.051	-.215	-.583	180	488	-.272	.071	.015	-.585
180	383	.350	.108	.802	.104	180	439	-.369	.052	-.178	-.578	180	489	-.168	.074	.149	-.400
180	384	.289	.095	.716	.059	180	440	-.470	.077	-.155	-.905	180	490	-.301	.078	.168	-.611
180	385	.228	.111	.695	-.049	180	441	-.469	.068	-.288	-.823	180	491	-.237	.070	.088	-.502
180	386	.161	.106	.618	-.144	180	442	-.441	.050	-.294	-.680	180	492	-.318	.087	.101	-.679

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	493	-.199	.062	.041	-.471	190	127	-.389	.058	-.227	-.720	190	177	-.449	.102	-.163	-1.041
180	801	-.317	.058	-.099	-.529	190	128	-.398	.056	-.207	-.706	190	178	-.586	.173	.002	-1.514
180	802	-.359	.048	-.192	-.530	190	129	-.388	.056	-.196	-.685	190	179	-.559	.153	-.191	-1.537
180	803	-.362	.053	-.181	-.561	190	130	-.388	.059	-.187	-.698	190	180	-.428	.078	-.182	-.983
180	804	-.163	.070	.089	-.407	190	131	-.404	.065	-.121	-.705	190	181	-.431	.077	-.208	-.965
180	805	.126	.094	.453	-.173	190	132	-.426	.064	-.162	-.711	190	182	-.451	.074	-.226	-.760
180	806	-.448	.054	-.279	-.684	190	133	-.378	.055	-.204	-.605	190	183	-.434	.063	-.225	-.731
180	807	-.035	.071	.219	-.310	190	134	-.380	.053	-.212	-.603	190	184	-.419	.083	-.132	-.755
180	808	-.393	.060	-.209	-.660	190	135	-.390	.052	-.227	-.612	190	185	-.572	.176	-.197	-1.633
180	809	-.017	.075	.209	-.368	190	136	-.392	.053	-.175	-.588	190	186	-.564	.157	-.239	-1.473
180	810	.236	.112	.748	-.192	190	137	-.390	.059	-.172	-.650	190	187	-.532	.113	-.248	-1.049
180	811	.346	.116	.695	-.146	190	138	-.399	.066	-.142	-.620	190	188	-.469	.096	-.245	-.920
180	812	.154	.115	.501	-.222	190	139	-.420	.073	-.126	-.830	190	189	-.445	.104	-.008	-1.200
180	813	-.049	.041	.129	-.228	190	140	-.412	.067	-.205	-.623	190	190	-.370	.076	-.024	-.690
180	814	-.033	.032	.074	-.157	190	141	-.415	.064	-.199	-.630	190	191	-.321	.096	.078	-.728
180	815	-.161	.077	.064	-.491	190	142	-.423	.061	-.222	-.615	190	192	-.327	.115	.022	-1.134
180	901	-.437	.073	-.153	-.751	190	143	-.422	.069	-.141	-.632	190	193	-.350	.120	-.037	-.999
180	902	-.478	.068	-.252	-.933	190	144	-.431	.071	-.197	-.741	190	201	-.424	.059	-.234	-.690
180	903	-.243	.060	.051	-.452	190	145	-.451	.078	-.177	-.806	190	202	-.561	.122	-.211	-1.029
180	904	-.438	.082	-.110	-.758	190	146	-.447	.056	-.257	-.625	190	203	-.117	.073	.038	-.597
180	905	.016	.095	.550	-.233	190	147	-.448	.057	-.237	-.642	190	204	-.316	.044	-.154	-.478
180	906	-.036	.079	.377	-.286	190	148	-.455	.055	-.255	-.635	190	205	-.623	.256	.246	-1.710
180	907	.379	.128	.944	.062	190	149	-.464	.063	-.268	-.751	190	206	-.342	.056	-.160	-.642
180	908	.159	.080	.501	-.034	190	150	-.468	.065	-.252	-.708	190	207	-.512	.184	.054	-1.413
190	101	-.434	.058	-.296	-.650	190	151	-.481	.072	-.214	-.740	190	208	-.233	.109	.063	-.752
190	102	-.444	.058	-.247	-.698	190	152	-.495	.073	-.247	-.783	190	209	-.143	.052	.041	-.364
190	103	-.448	.059	-.244	-.675	190	153	-.455	.060	-.266	-.727	190	210	-.181	.054	.030	-.429
190	104	-.453	.055	-.245	-.643	190	154	-.456	.058	-.273	-.673	190	211	-.507	.106	-.118	-.884
190	105	-.465	.096	-.196	-1.207	190	155	-.462	.060	-.294	-.790	190	212	-.645	.221	-.161	-1.788
190	106	-.466	.056	-.283	-.744	190	156	-.480	.064	-.250	-.791	190	213	-.347	.175	.217	-1.063
190	107	-.590	.165	-.211	-1.298	190	157	-.512	.069	-.305	-.764	190	214	-.486	.118	-.086	-.883
190	108	-.514	.093	-.260	-.908	190	158	-.530	.075	-.328	-.862	190	215	-.333	.053	-.135	-.539
190	109	-.486	.082	-.296	-1.031	190	159	-.470	.072	-.289	-1.153	190	216	-.240	.116	.074	-.764
190	110	-.463	.062	-.290	-.857	190	160	-.472	.069	-.300	-1.136	190	217	-.227	.056	-.018	-.478
190	111	-.462	.061	-.284	-.819	190	161	-.478	.072	-.273	-.910	190	218	-.313	.053	-.121	-.519
190	112	-.368	.059	-.150	-.633	190	162	-.484	.066	-.247	-.794	190	219	-.578	.185	.282	-1.448
190	113	-.391	.060	-.206	-.667	190	163	-.499	.078	-.254	-1.047	190	220	-.606	.204	.242	-1.633
190	114	-.483	.077	-.275	-.834	190	164	-.521	.090	-.262	-.888	190	221	-.117	.202	.326	-1.020
190	115	-.451	.067	-.259	-.765	190	165	-.541	.099	-.239	-.950	190	222	-.073	.060	.143	-.475
190	116	-.570	.085	-.345	-.968	190	166	-.460	.079	-.210	-1.278	190	223	-.092	.046	.091	-.335
190	117	-.407	.062	-.224	-.655	190	167	-.465	.079	-.217	-1.165	190	224	-.224	.040	-.087	-.391
190	118	-.368	.049	-.189	-.560	190	168	-.473	.070	-.257	-.861	190	225	-.300	.049	-.143	-.460
190	119	-.379	.058	-.161	-.582	190	169	-.494	.074	-.216	-.806	190	226	-.545	.166	.014	-1.300
190	120	-.382	.057	-.170	-.578	190	170	-.536	.095	-.269	-.975	190	227	-.567	.174	.174	-1.461
190	121	-.419	.057	-.201	-.635	190	171	-.540	.100	-.247	-1.128	190	228	-.262	.284	.376	-1.173
190	122	-.395	.061	-.215	-.781	190	172	-.542	.103	-.250	-1.146	190	229	-.014	.098	.281	-.674
190	123	-.384	.055	-.184	-.660	190	173	-.435	.072	-.160	-.936	190	230	-.090	.041	.079	-.364
190	124	-.421	.060	-.155	-.613	190	174	-.433	.069	-.239	-.809	190	231	-.225	.039	-.082	-.420
190	125	-.440	.066	-.147	-.764	190	175	-.443	.068	-.233	-.723	190	232	-.294	.043	-.145	-.432
190	126	-.386	.058	-.232	-.711	190	176	-.423	.068	-.180	-.658	190	233	-.538	.148	.016	-1.195

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	234	-.553	.143	-.037	-1.203
190	235	-.441	.283	.355	-1.491
190	236	-.098	.179	.279	-.858
190	237	-.107	.070	.155	-.733
190	238	-.246	.044	-.074	-.489
190	239	-.320	.051	-.146	-.491
190	240	-.564	.154	-.025	-1.182
190	241	-.581	.168	.092	-1.346
190	242	-.474	.293	.301	-1.619
190	243	-.144	.086	.222	-.808
190	244	-.268	.049	-.016	-.568
190	245	-.345	.056	-.129	-.576
190	246	-.596	.158	-.040	-1.367
190	247	-.611	.166	-.015	-1.464
190	248	-.507	.294	.334	-1.367
190	249	-.190	.223	.269	-1.289
190	250	-.169	.081	.044	-.767
190	251	-.291	.050	-.052	-.643
190	252	-.359	.049	-.191	-.563
190	253	-.577	.172	.023	-1.232
190	254	-.591	.172	.352	-1.119
190	255	-.473	.301	.256	-1.517
190	256	-.199	.099	.120	-.798
190	257	-.304	.054	-.116	-.703
190	258	-.377	.050	-.186	-.644
190	259	-.602	.165	-.052	-1.333
190	260	-.614	.166	.007	-1.327
190	261	-.505	.280	.276	-1.760
190	262	-.263	.203	.102	-1.140
190	263	-.229	.109	.100	-.875
190	264	-.327	.058	-.135	-.681
190	265	-.399	.062	-.207	-1.122
190	266	-.566	.170	-.067	-1.564
190	267	-.574	.183	.013	-1.639
190	268	-.455	.240	.141	-1.424
190	269	-.304	.199	.087	-1.056
190	270	-.258	.112	-.049	-.892
190	271	-.325	.071	-.082	-.769
190	272	-.376	.064	-.119	-.678
190	273	-.554	.183	-.107	-1.382
190	274	-.562	.185	-.006	-1.595
190	275	-.446	.220	.166	-1.307
190	276	-.253	.120	.068	-.729
190	277	-.238	.068	-.032	-.641
190	278	-.322	.053	-.159	-.570
190	279	-.373	.059	-.185	-.595
190	280	-.553	.234	.089	-1.546
190	281	-.548	.229	.147	-1.564
190	282	-.250	.143	.147	-.960
190	283	-.173	.073	.093	-.522
190	284	-.220	.059	.005	-.493
190	285	-.308	.051	-.084	-.504
190	286	-.360	.051	-.212	-.565
190	287	-.165	.070	.095	-.470
190	288	-.254	.099	.070	-.616
190	289	-.221	.070	.049	-.480
190	290	-.211	.077	.018	-.525
190	291	-.237	.048	-.067	-.425
190	292	-.254	.042	-.103	-.428
190	293	-.460	.076	-.172	-.791
190	301	-.287	.047	-.125	-.478
190	302	-.173	.047	.018	-.339
190	303	.087	.076	.348	-.144
190	304	-.067	.075	.165	-.371
190	305	-.228	.051	-.015	-.419
190	306	.058	.146	.538	-.456
190	307	-.447	.068	-.207	-.719
190	308	.073	.099	.435	-.410
190	309	.220	.120	.610	-.189
190	310	.098	.181	.547	-.689
190	311	-.565	.190	-.060	-1.349
190	312	-.030	.071	.293	-.272
190	313	.213	.101	.572	-.130
190	314	.375	.119	.742	-.062
190	315	.388	.142	.870	-.135
190	316	.005	.075	.278	-.282
190	317	.552	.172	1.002	-.240
190	318	.413	.158	.902	-.101
190	319	.012	.069	.298	-.316
190	320	.230	.088	.582	-.144
190	321	.318	.109	.691	-.108
190	322	.345	.115	.698	-.084
190	323	.475	.122	.831	.032
190	324	.651	.139	1.019	.165
190	325	.518	.147	.983	.013
190	326	-.028	.064	.200	-.254
190	327	.187	.086	.464	-.086
190	328	.461	.113	.775	.068
190	329	.607	.133	1.021	.181
190	330	.700	.144	1.121	.249
190	331	.670	.154	1.179	.116
190	332	.504	.148	.930	-.045
190	333	-.022	.064	.249	-.278
190	334	.179	.079	.462	-.038
190	335	.484	.115	.836	.155
190	336	.641	.133	1.031	.256
190	337	.709	.146	1.138	.190
190	338	.610	.148	1.041	.037
190	339	.380	.147	.848	-.178
190	340	-.057	.064	.223	-.245
190	341	.162	.079	.515	-.111
190	342	.477	.106	.941	.156
190	343	.698	.141	1.109	.220
190	344	.593	.150	1.026	.109
190	345	.341	.151	.661	-.189
190	346	-.049	.067	.227	-.303
190	347	.134	.082	.471	-.164
190	348	.432	.112	.811	.090
190	349	.561	.136	1.023	.219
190	350	.616	.149	1.130	.236
190	351	.506	.156	1.037	-.019
190	352	.307	.150	.862	-.245
190	353	-.083	.079	.288	-.314
190	354	.109	.079	.484	-.177
190	355	.380	.110	.810	-.009
190	356	.550	.145	1.074	.114
190	357	.447	.154	.980	.040
190	358	.241	.149	.686	-.194
190	359	-.244	.083	.090	-.543
190	360	.039	.081	.370	-.221
190	361	.336	.109	.744	.073
190	362	.443	.125	.888	.139
190	363	.476	.141	.916	.078
190	364	.366	.144	.930	-.052
190	365	.177	.151	.706	-.321
190	366	-.150	.083	.161	-.402
190	367	.058	.085	.401	-.178
190	368	.276	.097	.664	.020
190	369	.378	.115	.880	.068
190	370	.396	.126	.880	.037
190	371	.275	.142	.824	-.111
190	372	.124	.145	.613	-.328
190	373	-.231	.105	.091	-.733
190	374	.021	.080	.304	-.221
190	375	.254	.088	.599	.034
190	376	.322	.096	.725	.074
190	377	.331	.102	.711	.107
190	378	.148	.121	.634	-.185
190	379	-.031	.136	.466	-.551
190	380	-.211	.101	.233	-.633
190	381	.051	.081	.371	-.162
190	382	.298	.105	.715	.048
190	383	.382	.120	.911	.089
190	384	.283	.091	.634	.012
190	385	.065	.117	.505	-.278
190	386	-.064	.135	.404	-.588
190	387	.012	.061	.311	-.160
190	388	.179	.076	.489	-.081
190	389	.188	.087	.513	-.067
190	390	.045	.087	.448	-.227

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	391	-.045	.104	.293	-.396
190	392	-.055	.040	.106	-.198
190	393	-.061	.039	.097	-.185
190	394	-.075	.112	.396	-.420
190	401	-.427	.054	-.250	-.620
190	402	-.445	.055	-.275	-.654
190	403	-.441	.054	-.237	-.648
190	404	-.435	.051	-.234	-.611
190	405	-.456	.062	-.278	-.882
190	406	-.442	.060	-.249	-.707
190	407	-.457	.064	-.282	-.860
190	408	-.464	.066	-.278	-.967
190	409	-.477	.065	-.275	-.835
190	410	-.454	.057	-.259	-.652
190	411	-.457	.061	-.261	-.656
190	412	-.457	.066	-.257	-.902
190	413	-.458	.074	-.177	-.898
190	414	-.422	.057	-.220	-.604
190	415	-.422	.058	-.229	-.603
190	416	-.442	.066	-.226	-.666
190	417	-.686	.102	-.340	-1.045
190	418	-.611	.097	-.270	-.936
190	419	-.462	.079	-.229	-.954
190	420	-.445	.068	-.242	-.726
190	421	-.459	.064	-.239	-.729
190	422	-.445	.057	-.275	-.694
190	423	-.443	.054	-.253	-.703
190	424	-.425	.055	-.215	-.674
190	425	-.417	.055	-.234	-.620
190	426	-.482	.078	-.251	-.957
190	427	-.474	.077	-.242	-.915
190	428	-.445	.055	-.255	-.661
190	429	-.439	.056	-.270	-.698
190	430	-.423	.052	-.251	-.670
190	431	-.412	.054	-.237	-.648
190	432	-.409	.054	-.239	-.637
190	433	-.512	.099	-.242	-1.180
190	434	-.499	.089	-.254	-1.110
190	435	-.465	.065	-.261	-.792
190	436	-.439	.055	-.257	-.648
190	437	-.420	.055	-.185	-.636
190	438	-.406	.054	-.214	-.586
190	439	-.403	.056	-.206	-.588
190	440	-.524	.095	-.307	-1.096
190	441	-.517	.099	-.273	-1.890
190	442	-.485	.066	-.285	-1.010
190	443	-.449	.059	-.255	-.765
190	444	-.439	.058	-.252	-.755
190	445	-.435	.059	-.216	-.675
190	446	-.543	.098	-.309	-1.227
190	447	-.539	.098	-.305	-1.315
190	448	-.517	.072	-.307	-.918
190	449	-.513	.064	-.314	-.820
190	450	-.501	.060	-.320	-.736
190	451	-.495	.061	-.318	-.734
190	452	-.492	.060	-.310	-.724
190	453	-.580	.128	-.161	-1.476
190	454	-.574	.109	-.201	-1.239
190	455	-.558	.088	-.250	-1.077
190	456	-.544	.071	-.307	-.839
190	457	-.538	.072	-.307	-.812
190	458	-.534	.071	-.306	-.794
190	459	-.584	.148	-.227	-1.854
190	460	-.576	.125	-.218	-1.384
190	461	-.569	.115	-.224	-1.149
190	462	-.573	.094	-.322	-1.071
190	463	-.565	.086	-.347	-1.103
190	464	-.560	.081	-.359	-.949
190	465	-.561	.082	-.343	-1.107
190	466	-.531	.120	-.230	-1.094
190	467	-.528	.140	-.093	-1.056
190	468	-.550	.146	.005	-1.064
190	469	-.598	.150	.108	-1.310
190	470	-.609	.131	-.011	-1.896
190	471	-.609	.111	-.321	-1.552
190	472	-.595	.105	-.320	-1.465
190	473	-.508	.103	-.218	-.928
190	474	-.431	.077	-.180	-.843
190	475	-.358	.115	-.056	-.728
190	476	-.406	.188	.179	-.862
190	477	-.652	.189	.123	-1.426
190	478	-.655	.183	-.182	-1.823
190	479	-.640	.166	-.185	-1.632
190	480	-.475	.088	-.279	-.988
190	481	-.412	.070	-.236	-.792
190	482	-.320	.087	-.107	-.605
190	483	-.252	.127	.033	-.678
190	484	-.385	.296	.527	-1.351
190	485	-.647	.217	-.079	-1.724
190	486	-.628	.181	-.120	-1.781
190	487	-.319	.191	-.014	-.789
190	488	-.233	.079	.385	-.465
190	489	-.140	.091	.584	-.470
190	490	-.205	.104	.269	-.545
190	491	-.117	.092	.157	-.409
190	492	-.145	.143	.231	-.561
190	493	-.118	.091	.165	-.412
190	801	-.383	.059	-.195	-.635
190	802	-.348	.048	-.203	-.524
190	803	-.377	.068	-.149	-.717
190	804	-.191	.076	.126	-.544
190	805	.044	.089	.412	-.297
190	806	-.492	.062	-.269	-.714
190	807	-.162	.055	.004	-.409
190	808	-.431	.060	-.169	-.765
190	809	-.212	.135	.165	-.879
190	810	.200	.121	.562	-.251
190	811	.375	.138	.712	-.172
190	812	.198	.088	.489	-.219
190	813	-.110	.056	.157	-.353
190	814	-.061	.034	.065	-.217
190	815	-.077	.059	.095	-.305
190	901	-.391	.070	-.198	-.719
190	902	-.449	.065	-.272	-.802
190	903	-.314	.058	-.002	-.611
190	904	-.318	.136	-.001	-1.104
190	905	-.187	.086	.150	-.535
190	906	-.011	.082	.323	-.270
190	907	.413	.128	1.005	.124
190	908	.024	.076	.382	-.252
200	101	-.513	.083	-.229	-.893
200	102	-.521	.091	-.147	-1.030
200	103	-.511	.086	-.217	-.849
200	104	-.520	.082	-.203	-.892
200	105	-.545	.133	-.227	-1.512
200	106	-.561	.091	-.275	-1.020
200	107	-.670	.192	-.203	-1.738
200	108	-.586	.128	-.221	-1.309
200	109	-.554	.101	-.251	-1.151
200	110	-.563	.094	-.262	-1.193
200	111	-.554	.096	-.262	-1.015
200	112	-.403	.083	-.094	-.822
200	113	-.453	.099	-.173	-.937
200	114	-.556	.112	-.250	-1.228
200	115	-.531	.103	-.217	-1.097
200	116	-.605	.114	-.281	-1.180
200	117	-.436	.078	-.232	-.780
200	118	-.443	.077	-.250	-.780
200	119	-.423	.091	-.163	-.913
200	120	-.427	.089	-.156	-.904
200	121	-.469	.094	-.175	-1.116
200	122	-.437	.079	-.222	-.790
200	123	-.428	.075	-.168	-.749
200	124	-.479	.087	-.218	-.996
200	125	-.495	.095	-.200	-1.097
200	126	-.423	.088	-.170	-.930
200	127	-.426	.089	-.180	-.998
200	128	-.440	.087	-.189	-1.150
200	129	-.436	.079	-.217	-.740
200	130	-.435	.076	-.197	-.688

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	131	-.453	.086	-.145	-.816
200	132	-.477	.088	-.171	-.936
200	133	-.418	.109	-.082	-1.173
200	134	-.414	.093	-.102	-.988
200	135	-.419	.089	-.165	-1.144
200	136	-.412	.078	-.124	-1.095
200	137	-.407	.077	-.153	-1.094
200	138	-.433	.086	-.125	-1.215
200	139	-.473	.107	-.135	-1.316
200	140	-.448	.132	-.040	-1.041
200	141	-.433	.124	.093	-1.038
200	142	-.433	.102	-.090	-1.115
200	143	-.412	.077	-.128	-.747
200	144	-.441	.093	-.112	-.996
200	145	-.488	.122	-.151	-1.333
200	146	-.467	.125	-.105	-1.093
200	147	-.458	.122	-.101	-1.097
200	148	-.454	.100	-.213	-1.085
200	149	-.444	.082	-.158	-1.094
200	150	-.445	.076	-.177	-.750
200	151	-.473	.096	-.193	-.903
200	152	-.503	.109	-.181	-1.078
200	153	-.495	.137	-.136	-1.219
200	154	-.486	.119	-.155	-1.185
200	155	-.478	.104	-.215	-1.189
200	156	-.478	.085	-.079	-.998
200	157	-.503	.107	-.195	-1.065
200	158	-.526	.120	-.195	-1.163
200	159	-.513	.139	-.205	-1.353
200	160	-.500	.119	-.226	-1.150
200	161	-.478	.104	-.229	-1.161
200	162	-.462	.084	-.205	-.853
200	163	-.465	.093	-.210	-.911
200	164	-.474	.107	-.181	-.996
200	165	-.500	.123	-.148	-1.104
200	166	-.488	.126	-.167	-1.065
200	167	-.481	.119	-.168	-1.112
200	168	-.472	.097	-.189	-.929
200	169	-.446	.083	-.195	-.831
200	170	-.448	.091	-.197	-.900
200	171	-.439	.093	-.190	-.866
200	172	-.434	.094	-.189	-.934
200	173	-.440	.107	-.214	-1.386
200	174	-.448	.101	-.173	-1.278
200	175	-.423	.077	-.012	-.794
200	176	-.399	.069	-.102	-.780
200	177	-.450	.110	-.191	-1.073
200	178	-.455	.116	-.189	-1.001
200	179	-.439	.107	-.174	-.908
200	180	-.444	.121	-.199	-1.555
200	181	-.443	.115	-.212	-1.684
200	182	-.420	.077	-.184	-.853
200	183	-.408	.067	-.108	-.736
200	184	-.437	.092	-.204	-1.037
200	185	-.471	.131	-.117	-1.305
200	186	-.454	.123	-.228	-1.413
200	187	-.411	.124	-.116	-1.106
200	188	-.416	.131	-.081	-1.392
200	189	-.364	.119	.036	-1.083
200	190	-.322	.068	.014	-.577
200	191	-.358	.113	.078	-1.069
200	192	-.391	.124	-.102	-1.069
200	193	-.413	.152	.001	-1.115
200	201	-.576	.120	-.243	-1.331
200	202	-.895	.156	-.381	-1.607
200	203	-.642	.183	-.071	-1.210
200	204	-.409	.079	-.166	-.762
200	205	-1.444	.366	-.391	-2.841
200	206	-.413	.080	-.145	-.943
200	207	-1.232	.279	-.412	-2.415
200	208	-.756	.224	-.196	-1.811
200	209	-.262	.067	-.084	-.625
200	210	-.235	.065	-.053	-.545
200	211	-.413	.104	-.050	-.972
200	212	-1.087	.261	-.460	-2.844
200	213	-1.004	.225	-.162	-1.772
200	214	-.678	.193	-.082	-1.329
200	215	-.373	.074	-.069	-.781
200	216	-.816	.229	-.161	-1.538
200	217	-.422	.092	-.114	-.822
200	218	-.416	.079	-.185	-.774
200	219	-1.073	.228	-.361	-2.751
200	220	-1.111	.248	-.362	-2.900
200	221	-.922	.353	-.192	-2.183
200	222	-.371	.173	-.035	-1.313
200	223	-.272	.082	.041	-.807
200	224	-.335	.065	-.065	-.689
200	225	-.369	.074	-.148	-.650
200	226	-1.033	.195	-.369	-1.958
200	227	-1.049	.204	-.365	-2.013
200	228	-1.062	.234	.098	-2.587
200	229	-.467	.267	.192	-1.370
200	230	-.247	.114	.020	-.882
200	231	-.312	.076	.088	-.729
200	232	-.362	.076	-.100	-.755
200	233	-.867	.150	-.296	-1.411
200	234	-.879	.147	-.329	-1.421
200	235	-.923	.174	-.237	-1.803
200	236	-.843	.250	.117	-1.690
200	237	-.516	.261	.273	-1.368
200	238	-.375	.146	.095	-.997
200	239	-.383	.149	.172	-1.568
200	240	-.836	.164	-.248	-1.521
200	241	-.832	.171	-.253	-1.409
200	242	-.867	.186	-.263	-1.699
200	243	-.571	.267	.141	-1.432
200	244	-.436	.192	.117	-1.365
200	245	-.480	.232	.115	-1.828
200	246	-.838	.186	-.336	-1.609
200	247	-.845	.192	-.333	-1.733
200	248	-.873	.206	-.205	-1.767
200	249	-.812	.255	.094	-1.772
200	250	-.600	.252	.149	-1.494
200	251	-.476	.204	.202	-1.350
200	252	-.486	.201	.129	-1.379
200	253	-.857	.195	-.357	-1.821
200	254	-.866	.193	-.369	-1.868
200	255	-.891	.213	-.172	-1.743
200	256	-.604	.236	.049	-1.521
200	257	-.471	.193	.009	-1.643
200	258	-.481	.178	-.075	-1.520
200	259	-.835	.216	-.319	-2.102
200	260	-.848	.218	-.264	-2.082
200	261	-.836	.236	-.128	-1.916
200	262	-.708	.239	-.060	-1.680
200	263	-.546	.228	.083	-1.441
200	264	-.474	.175	-.016	-1.503
200	265	-.498	.181	-.049	-1.488
200	266	-.787	.199	-.329	-1.873
200	267	-.802	.214	-.309	-2.118
200	268	-.795	.217	-.042	-1.956
200	269	-.651	.248	.016	-1.691
200	270	-.504	.203	-.013	-1.322
200	271	-.450	.163	-.064	-1.236
200	272	-.457	.148	-.061	-1.278
200	273	-.857	.224	-.322	-2.002
200	274	-.873	.225	-.320	-2.018
200	275	-.833	.228	-.067	-1.712
200	276	-.482	.155	-.041	-1.033
200	277	-.394	.118	-.069	-.949
200	278	-.390	.086	-.161	-.937
200	279	-.408	.088	-.128	-1.016
200	280	-1.011	.293	-.270	-2.513
200	281	-1.008	.306	-.291	-2.590
200	282	-.525	.179	-.084	-1.146
200	283	-.372	.093	-.031	-.764
200	284	-.368	.084	-.101	-.733
200	285	-.381	.074	-.116	-.858
200	286	-.401	.073	-.195	-.863
200	287	-.292	.070	-.041	-.596

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	288	-.478	.085	-.183	-.799	200	345	.068	.129	.531	-.384	200	401	-.515	.082	-.231	-.973
200	289	-.403	.073	-.202	-.697	200	346	.037	.086	.387	-.329	200	402	-.539	.094	-.293	-1.337
200	290	-.419	.082	-.216	-.810	200	347	.231	.102	.725	-.101	200	403	-.533	.088	-.299	-1.048
200	291	-.343	.057	-.162	-.572	200	348	.519	.131	1.124	.151	200	404	-.524	.084	-.278	-.973
200	292	-.316	.054	-.149	-.530	200	349	.630	.147	1.049	.212	200	405	-.525	.089	-.231	-.996
200	293	-.354	.080	-.111	-.645	200	350	.619	.152	1.093	.192	200	406	-.533	.093	-.283	-1.178
200	301	-.375	.060	-.190	-.629	200	351	.375	.144	.856	-.040	200	407	-.530	.095	-.191	-.987
200	302	-.185	.063	.075	-.414	200	352	.091	.128	.516	-.312	200	408	-.539	.095	-.214	-.996
200	303	.068	.083	.355	-.217	200	353	.004	.095	.337	-.341	200	409	-.548	.090	-.259	-.960
200	304	-.246	.073	.061	-.551	200	354	.216	.105	.553	-.081	200	410	-.533	.078	-.306	-.860
200	305	-.254	.078	-.020	-.703	200	355	.471	.139	.955	.110	200	411	-.536	.080	-.307	-.840
200	306	-.347	.125	.107	-.829	200	356	.538	.159	.967	.107	200	412	-.533	.106	-.099	-1.160
200	307	-.539	.107	-.208	-1.157	200	357	.310	.141	.763	-.166	200	413	-.539	.113	-.098	-1.160
200	308	.066	.116	.376	-.576	200	358	.014	.127	.441	-.432	200	414	-.518	.093	-.230	-.937
200	309	.224	.124	.557	-.212	200	359	-.155	.103	.168	-.581	200	415	-.514	.093	-.233	-.906
200	310	.035	.141	.462	-.760	200	360	.148	.098	.475	-.208	200	416	-.552	.093	-.246	-.912
200	311	-1.237	.309	-.292	-2.054	200	361	.410	.120	.787	.059	200	417	-.798	.127	-.330	-1.314
200	312	.041	.092	.383	-.285	200	362	.476	.136	.877	.124	200	418	-.643	.124	-.264	-1.220
200	313	.286	.111	.680	-.214	200	363	.448	.148	.977	.037	200	419	-.549	.131	-.194	-1.376
200	314	.312	.114	.667	-.090	200	364	.220	.144	.742	-.183	200	420	-.530	.111	-.159	-1.202
200	315	.098	.128	.599	-.413	200	365	-.052	.143	.505	-.679	200	421	-.538	.102	-.249	-1.147
200	316	.090	.092	.364	-.372	200	366	-.061	.103	.268	-.451	200	422	-.528	.094	-.272	-1.101
200	317	.639	.176	1.240	-.104	200	367	.155	.104	.640	-.125	200	423	-.511	.082	-.296	-.906
200	318	.138	.140	.594	-.470	200	368	.348	.119	.863	.071	200	424	-.502	.079	-.275	-.910
200	319	.091	.091	.459	-.295	200	369	.393	.125	.862	.056	200	425	-.495	.092	-.218	-.934
200	320	.323	.110	.654	-.108	200	370	.358	.128	.811	.005	200	426	-.573	.143	-.105	-1.390
200	321	.367	.116	.723	-.047	200	371	.131	.130	.657	-.343	200	427	-.563	.140	-.104	-1.486
200	322	.348	.121	.752	-.088	200	372	-.086	.122	.361	-.593	200	428	-.524	.098	-.164	-1.041
200	323	.432	.122	.800	-.055	200	373	-.146	.124	.295	-.786	200	429	-.514	.096	-.262	-.975
200	324	.516	.140	.969	-.072	200	374	.084	.085	.537	-.364	200	430	-.498	.088	-.299	-1.104
200	325	.272	.139	.735	-.214	200	375	.271	.094	.686	.051	200	431	-.484	.086	-.275	-.916
200	326	.050	.081	.328	-.266	200	376	.325	.104	.811	.085	200	432	-.480	.084	-.272	-.886
200	327	.305	.102	.696	-.074	200	377	.301	.111	.811	.035	200	433	-.602	.200	-.124	-1.767
200	328	.579	.128	1.027	.124	200	378	-.033	.119	.492	-.367	200	434	-.589	.171	-.092	-1.480
200	329	.665	.147	1.063	.061	200	379	-.293	.135	.194	-.783	200	435	-.545	.116	.069	-1.318
200	330	.689	.147	1.052	.177	200	380	-.130	.133	.295	-.559	200	436	-.510	.095	-.241	-.986
200	331	.494	.140	.900	.020	200	381	.117	.082	.501	-.216	200	437	-.491	.084	-.249	-.892
200	332	.195	.127	.587	-.200	200	382	.330	.110	.815	.072	200	438	-.477	.080	-.259	-.852
200	333	.059	.082	.351	-.296	200	383	.377	.127	.939	.123	200	439	-.472	.083	-.233	-.851
200	334	.291	.095	.606	-.081	200	384	.245	.098	.665	-.001	200	440	-.619	.211	-.228	-2.674
200	335	.596	.127	1.031	.175	200	385	-.128	.110	.292	-.526	200	441	-.602	.205	-.121	-2.330
200	336	.712	.139	1.158	.248	200	386	-.339	.140	.208	-.971	200	442	-.550	.117	-.224	-1.159
200	337	.710	.150	1.231	.243	200	387	.071	.056	.278	-.180	200	443	-.506	.094	-.212	-.953
200	338	.457	.133	.874	.026	200	388	.177	.077	.613	-.025	200	444	-.495	.089	-.265	-.894
200	339	.107	.119	.585	-.363	200	389	.141	.086	.560	-.092	200	445	-.491	.090	-.184	-.970
200	340	.028	.082	.311	-.290	200	390	-.074	.071	.350	-.322	200	446	-.616	.195	-.057	-1.954
200	341	.256	.101	.639	-.097	200	391	.059	.061	.320	-.207	200	447	-.604	.181	-.075	-1.873
200	342	.557	.126	.945	.192	200	392	-.076	.046	.105	-.228	200	448	-.576	.134	-.141	-1.518
200	343	.660	.152	1.115	.214	200	393	-.095	.045	.083	-.261	200	449	-.578	.123	-.264	-1.345
200	344	.416	.142	.858	-.021	200	394	-.325	.075	-.070	-.593	200	450	-.561	.105	-.240	-1.199

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	451	-.550	.103	-.207	-1.058
200	452	-.547	.101	-.196	-1.054
200	453	-.608	.201	-.093	-1.861
200	454	-.595	.169	-.057	-1.451
200	455	-.606	.153	.038	-1.334
200	456	-.618	.125	-.149	-1.597
200	457	-.598	.121	-.254	-1.205
200	458	-.592	.118	-.261	-1.143
200	459	-.520	.151	-.144	-1.389
200	460	-.506	.150	-.141	-1.331
200	461	-.533	.185	.272	-1.267
200	462	-.619	.176	.141	-1.411
200	463	-.654	.171	-.136	-1.917
200	464	-.636	.136	-.286	-1.642
200	465	-.636	.141	-.238	-1.582
200	466	-.406	.096	-.155	-.852
200	467	-.369	.130	-.015	-1.126
200	468	-.356	.191	.136	-1.212
200	469	-.482	.281	.207	-1.551
200	470	-.627	.250	.226	-1.898
200	471	-.705	.213	-.173	-1.878
200	472	-.685	.194	-.191	-1.813
200	473	-.444	.100	-.199	-.978
200	474	-.366	.070	-.150	-.634
200	475	-.234	.070	.038	-.614
200	476	-.158	.153	.245	-.769
200	477	-.452	.343	.275	-1.563
200	478	-.695	.267	.194	-2.423
200	479	-.667	.232	.083	-1.832
200	480	-.435	.087	-.188	-.782
200	481	-.366	.064	-.175	-.646
200	482	-.243	.062	.017	-.548
200	483	-.132	.074	.131	-.569
200	484	-.126	.280	.526	-1.247
200	485	-.652	.327	.115	-2.218
200	486	-.571	.297	.121	-1.752
200	487	-.346	.095	-.073	-.831
200	488	-.191	.089	.174	-.459
200	489	-.086	.120	.478	-.409
200	490	-.103	.114	.452	-.421
200	491	-.007	.094	.515	-.320
200	492	.032	.091	.432	-.412
200	493	-.015	.092	.278	-.380
200	801	-.462	.084	-.186	-.963
200	802	-.408	.071	-.183	-.863
200	803	-.448	.104	-.181	-1.007
200	804	-.276	.078	-.000	-.620
200	805	-.153	.098	.164	-.675
200	806	-.558	.097	-.185	-.920
200	807	-.348	.082	-.113	-.783
200	808	-.535	.095	-.202	-.886
200	809	-.821	.233	-.074	-1.587
200	810	.144	.111	.486	-.320
200	811	.414	.141	.775	-.190
200	812	.072	.079	.347	-.317
200	813	-.254	.069	.019	-.673
200	814	-.084	.040	.072	-.240
200	815	-.061	.050	.114	-.343
200	901	-.343	.063	-.155	-.621
200	902	-.436	.071	-.235	-.786
200	903	-.371	.066	-.146	-.667
200	904	-.174	.098	.096	-.620
200	905	-.405	.099	-.077	-.811
200	906	.047	.089	.499	-.246
200	907	.421	.144	1.081	.098
200	908	-.162	.082	.244	-.465
210	101	-.655	.103	-.269	-1.076
210	102	-.713	.148	-.183	-1.642
210	103	-.676	.107	-.330	-1.154
210	104	-.692	.112	-.197	-1.191
210	105	-.750	.195	-.264	-2.004
210	106	-.711	.150	-.266	-1.916
210	107	-.746	.247	-.188	-2.389
210	108	-.701	.145	-.290	-1.881
210	109	-.693	.130	-.338	-1.291
210	110	-.682	.135	-.274	-1.372
210	111	-.679	.167	-.117	-1.828
210	112	-.559	.121	-.195	-1.098
210	113	-.557	.120	-.214	-1.118
210	114	-.610	.122	-.229	-1.151
210	115	-.579	.119	-.190	-1.132
210	116	-.637	.114	-.317	-1.203
210	117	-.574	.091	-.303	-1.063
210	118	-.602	.109	-.319	-1.193
210	119	-.566	.128	-.200	-1.204
210	120	-.559	.119	-.222	-1.203
210	121	-.564	.111	-.269	-1.029
210	122	-.559	.090	-.289	-.916
210	123	-.558	.093	-.283	-.994
210	124	-.578	.110	-.237	-1.178
210	125	-.590	.127	-.184	-1.638
210	126	-.579	.129	-.183	-1.035
210	127	-.565	.127	-.183	-1.137
210	128	-.556	.111	-.180	-1.203
210	129	-.547	.107	-.229	-1.019
210	130	-.556	.106	-.246	-.949
210	131	-.580	.122	-.205	-.999
210	132	-.601	.129	-.202	-1.055
210	133	-.576	.163	-.033	-1.286
210	134	-.537	.137	-.085	-1.261
210	135	-.496	.116	-.145	-1.097
210	136	-.482	.093	-.250	-.880
210	137	-.508	.113	-.184	-1.068
210	138	-.550	.136	-.183	-1.138
210	139	-.602	.163	-.137	-1.312
210	140	-.572	.178	-.092	-1.496
210	141	-.518	.156	-.095	-1.390
210	142	-.468	.113	-.176	-1.506
210	143	-.479	.111	-.145	-1.292
210	144	-.523	.142	-.172	-1.213
210	145	-.580	.183	-.068	-1.432
210	146	-.552	.159	-.022	-1.657
210	147	-.521	.148	-.005	-1.663
210	148	-.480	.105	-.102	-1.116
210	149	-.468	.095	.108	-.964
210	150	-.480	.113	-.211	-1.188
210	151	-.502	.138	-.107	-1.182
210	152	-.524	.152	-.087	-1.276
210	153	-.566	.157	-.130	-1.338
210	154	-.533	.130	-.203	-1.173
210	155	-.493	.100	-.215	-.971
210	156	-.486	.106	-.177	-1.323
210	157	-.491	.118	-.108	-1.026
210	158	-.498	.125	-.100	-1.307
210	159	-.576	.150	-.167	-1.305
210	160	-.534	.120	-.205	-1.091
210	161	-.498	.094	-.246	-.957
210	162	-.485	.082	-.274	-.952
210	163	-.484	.092	-.253	-.976
210	164	-.477	.095	-.240	-.908
210	165	-.480	.101	-.145	-1.408
210	166	-.569	.139	-.188	-1.163
210	167	-.538	.125	-.208	-1.262
210	168	-.501	.099	-.235	-1.083
210	169	-.486	.092	-.249	-1.006
210	170	-.479	.095	-.241	-1.060
210	171	-.467	.094	-.218	-1.019
210	172	-.461	.092	-.230	-1.013
210	173	-.522	.129	-.169	-1.476
210	174	-.508	.123	-.122	-1.468
210	175	-.466	.092	-.160	-.937
210	176	-.476	.109	-.127	-1.067
210	177	-.499	.135	-.174	-1.476
210	178	-.477	.118	-.214	-1.434
210	179	-.465	.111	-.184	-1.306
210	180	-.492	.125	-.207	-1.791
210	181	-.484	.107	-.206	-1.752
210	182	-.483	.086	-.259	-.900
210	183	-.488	.104	-.227	-1.034
210	184	-.503	.125	-.233	-1.406

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	185	-.493	.127	-.219	-1.529
210	186	-.468	.102	-.201	-1.068
210	187	-.464	.151	-.066	-1.175
210	188	-.426	.139	.152	-1.271
210	189	-.386	.111	.116	-.918
210	190	-.419	.103	-.019	-.952
210	191	-.494	.150	-.074	-1.459
210	192	-.525	.149	-.127	-1.457
210	193	-.582	.190	-.102	-1.792
210	201	-.704	.135	-.282	-1.862
210	202	-1.137	.300	-.389	-2.292
210	203	-.817	.187	-.172	-1.524
210	204	-.648	.111	-.166	-1.136
210	205	-1.606	.623	-.376	-4.506
210	206	-.608	.121	-.149	-1.227
210	207	-.892	.238	-.299	-2.407
210	208	-.865	.185	-.356	-1.744
210	209	-.674	.146	-.126	-1.319
210	210	-.523	.136	-.055	-.983
210	211	-.539	.138	.059	-1.058
210	212	-.837	.203	-.291	-1.647
210	213	-.852	.205	-.337	-1.706
210	214	-.617	.162	-.142	-1.269
210	215	-.511	.119	-.108	-1.088
210	216	-1.040	.218	-.430	-1.795
210	217	-.902	.162	-.321	-1.566
210	218	-.649	.130	-.279	-1.104
210	219	-.797	.200	-.311	-1.702
210	220	-.802	.198	-.321	-1.691
210	221	-.821	.226	-.259	-1.981
210	222	-.790	.191	-.239	-1.740
210	223	-.622	.150	-.158	-1.353
210	224	-.534	.137	-.041	-1.152
210	225	-.545	.145	-.002	-1.221
210	226	-.725	.175	-.258	-1.477
210	227	-.732	.179	-.251	-1.501
210	228	-.762	.188	-.245	-1.510
210	229	-.775	.180	-.165	-1.472
210	230	-.663	.148	-.083	-1.211
210	231	-.593	.182	-.020	-1.675
210	232	-.607	.197	-.071	-1.580
210	233	-.669	.168	-.176	-1.704
210	234	-.674	.164	-.204	-1.709
210	235	-.698	.174	-.230	-1.587
210	236	-.728	.190	-.074	-1.631
210	237	-.702	.208	-.023	-1.628
210	238	-.711	.251	.133	-1.898
210	239	-.728	.301	.107	-2.209
210	240	-.648	.171	-.233	-1.429
210	241	-.659	.183	-.170	-1.582
210	242	-.683	.190	-.158	-1.786
210	243	-.682	.225	.010	-1.612
210	244	-.692	.285	.132	-2.221
210	245	-.790	.333	.220	-2.377
210	246	-.645	.174	-.260	-1.444
210	247	-.649	.179	-.260	-1.548
210	248	-.669	.191	-.273	-1.749
210	249	-.703	.229	.151	-1.788
210	250	-.664	.214	-.069	-1.852
210	251	-.668	.270	-.011	-2.315
210	252	-.684	.293	-.025	-2.470
210	253	-.645	.186	-.257	-1.752
210	254	-.651	.185	-.265	-1.691
210	255	-.671	.203	-.228	-1.922
210	256	-.652	.203	.017	-1.612
210	257	-.637	.243	.062	-1.985
210	258	-.654	.261	-.011	-2.117
210	259	-.658	.179	-.263	-2.049
210	260	-.664	.181	-.284	-2.246
210	261	-.677	.182	-.277	-2.088
210	262	-.686	.183	-.116	-1.609
210	263	-.650	.191	-.048	-1.624
210	264	-.640	.216	-.032	-1.823
210	265	-.659	.271	.025	-2.043
210	266	-.675	.161	-.302	-1.539
210	267	-.683	.167	-.302	-1.615
210	268	-.707	.181	-.280	-1.985
210	269	-.688	.174	-.195	-1.726
210	270	-.634	.164	-.142	-1.504
210	271	-.615	.191	-.043	-1.645
210	272	-.619	.198	-.076	-1.684
210	273	-.831	.230	-.308	-1.996
210	274	-.834	.229	-.318	-1.966
210	275	-.849	.232	-.331	-1.898
210	276	-.668	.142	-.139	-1.242
210	277	-.557	.120	-.174	-1.002
210	278	-.525	.121	-.195	-1.213
210	279	-.535	.143	-.151	-1.529
210	280	-.867	.278	-.200	-2.435
210	281	-.823	.273	-.053	-2.298
210	282	-.678	.159	-.077	-1.386
210	283	-.511	.099	-.071	-.892
210	284	-.490	.097	-.158	-.912
210	285	-.500	.114	-.138	-1.478
210	286	-.507	.116	-.163	-1.354
210	287	-.348	.067	-.138	-.610
210	288	-.574	.087	-.333	-.920
210	289	-.489	.075	-.245	-.839
210	290	-.505	.090	-.251	-.847
210	291	-.436	.069	-.167	-.719
210	292	-.396	.071	-.070	-.753
210	293	-.398	.112	-.022	-.842
210	301	-.498	.074	-.269	-.837
210	302	-.314	.088	-.034	-.632
210	303	-.007	.082	.277	-.365
210	304	-.390	.096	-.058	-.764
210	305	-.392	.122	-.048	-.923
210	306	-.475	.144	-.066	-.988
210	307	-.781	.183	-.358	-1.624
210	308	.003	.120	.402	-.713
210	309	.164	.127	.518	-.343
210	310	-.044	.133	.402	-1.027
210	311	-.938	.269	.001	-2.029
210	312	.043	.113	.412	-.344
210	313	.232	.127	.652	-.266
210	314	.281	.131	.692	-.130
210	315	-.007	.135	.396	-.535
210	316	.061	.116	.410	-.351
210	317	.633	.171	1.151	-.108
210	318	.017	.133	.451	-.437
210	319	.112	.110	.464	-.283
210	320	.368	.121	.744	-.039
210	321	.353	.130	.721	-.113
210	322	.309	.133	.768	-.144
210	323	.386	.129	.828	-.040
210	324	.426	.136	.817	-.065
210	325	.194	.132	.650	-.331
210	326	.072	.107	.421	-.312
210	327	.369	.126	.792	-.115
210	328	.635	.147	1.127	.048
210	329	.691	.148	1.131	.211
210	330	.672	.145	1.107	.195
210	331	.430	.138	.847	-.057
210	332	.143	.130	.533	-.344
210	333	.085	.108	.453	-.439
210	334	.350	.114	.680	-.030
210	335	.647	.141	1.097	.231
210	336	.717	.149	1.137	.288
210	337	.675	.157	1.179	.184
210	338	.374	.136	.785	-.098
210	339	.042	.126	.406	-.411
210	340	.047	.106	.446	-.310
210	341	.322	.115	.697	-.017
210	342	.618	.132	1.048	.231
210	343	.636	.141	1.087	.168
210	344	.347	.127	.739	-.080
210	345	.021	.129	.460	-.578
210	346	.064	.111	.451	-.356
210	347	.287	.120	.714	-.145
210	348	.561	.141	.994	.184

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	349	.644	.147	1.165	.093
210	350	.588	.146	1.141	.068
210	351	.311	.135	.908	-.169
210	352	.043	.125	.557	-.385
210	353	-.018	.120	.556	-.456
210	354	.254	.120	.809	-.186
210	355	.502	.145	1.029	.045
210	356	.497	.152	1.020	-.063
210	357	.244	.125	.654	-.127
210	358	-.031	.114	.363	-.454
210	359	-.119	.128	.323	-.666
210	360	.201	.109	.570	-.150
210	361	.461	.135	.935	.113
210	362	.493	.143	1.075	.080
210	363	.430	.147	1.063	.001
210	364	.170	.131	.657	-.204
210	365	-.098	.121	.340	-.573
210	366	.011	.120	.521	-.378
210	367	.213	.106	.660	-.164
210	368	.366	.115	.831	-.056
210	369	.393	.128	.947	-.043
210	370	.310	.128	.897	-.049
210	371	.056	.120	.753	-.346
210	372	-.149	.110	.439	-.565
210	373	-.037	.142	.545	-.555
210	374	.153	.090	.616	-.124
210	375	.298	.099	.703	-.063
210	376	.340	.108	.798	-.004
210	377	.296	.108	.754	-.042
210	378	-.091	.110	.316	-.552
210	379	-.349	.133	.084	-1.003
210	380	-.033	.149	.417	-.519
210	381	.181	.089	.540	-.056
210	382	.357	.115	.914	.077
210	383	.381	.129	.942	.084
210	384	.229	.106	.664	-.088
210	385	-.198	.107	.310	-.673
210	386	-.384	.140	.146	-1.059
210	387	.098	.057	.371	-.113
210	388	.198	.085	.535	-.048
210	389	.117	.086	.495	-.152
210	390	-.124	.065	.205	-.355
210	391	.059	.068	.403	-.285
210	392	-.073	.050	.133	-.232
210	393	-.096	.050	.078	-.283
210	394	-.385	.073	-.167	-.663
210	401	-.707	.144	-.285	-2.637
210	402	-.748	.142	-.165	-1.955
210	403	-.804	.162	-.310	-1.789
210	404	-.824	.181	-.397	-1.784
210	405	-.650	.132	-.172	-1.223
210	406	-.947	.303	-.395	-4.285
210	407	-.613	.133	-.138	-1.191
210	408	-.678	.130	-.222	-1.205
210	409	-.786	.154	-.287	-1.439
210	410	-.811	.170	-.312	-1.597
210	411	-.807	.170	-.305	-1.627
210	412	-.593	.140	-.049	-1.348
210	413	-.633	.165	-.111	-1.594
210	414	-.762	.163	-.331	-1.621
210	415	-.752	.163	-.334	-1.632
210	416	-.662	.132	-.291	-1.276
210	417	-1.027	.195	-.261	-1.694
210	418	-.916	.205	-.267	-1.635
210	419	-.635	.173	-.042	-1.513
210	420	-.622	.148	-.089	-1.446
210	421	-.694	.154	-.124	-1.526
210	422	-.787	.164	-.326	-1.717
210	423	-.763	.164	-.387	-1.550
210	424	-.751	.157	-.400	-1.502
210	425	-.748	.161	-.298	-1.607
210	426	-.712	.212	-.117	-1.950
210	427	-.693	.196	-.050	-1.582
210	428	-.698	.149	-.081	-1.244
210	429	-.760	.175	-.209	-1.510
210	430	-.741	.163	-.350	-1.445
210	431	-.715	.156	-.345	-1.335
210	432	-.708	.152	-.352	-1.324
210	433	-.768	.287	-.051	-2.277
210	434	-.753	.240	-.058	-1.822
210	435	-.727	.189	-.079	-1.582
210	436	-.733	.175	-.299	-1.539
210	437	-.706	.158	-.303	-1.434
210	438	-.685	.148	-.318	-1.381
210	439	-.679	.150	-.308	-1.367
210	440	-.746	.293	-.001	-2.389
210	441	-.725	.286	-.035	-2.559
210	442	-.716	.213	-.072	-1.725
210	443	-.710	.173	-.302	-1.587
210	444	-.689	.162	-.301	-1.298
210	445	-.703	.177	-.177	-1.849
210	446	-.620	.251	.000	-2.094
210	447	-.610	.245	.083	-2.009
210	448	-.669	.228	-.038	-1.680
210	449	-.770	.235	-.061	-2.283
210	450	-.771	.213	-.318	-2.124
210	451	-.744	.194	-.281	-1.860
210	452	-.737	.188	-.277	-1.818
210	453	-.514	.202	-.051	-1.778
210	454	-.495	.191	.008	-1.405
210	455	-.549	.262	.115	-1.998
210	456	-.834	.284	.009	-2.482
210	457	-.803	.228	-.245	-2.057
210	458	-.787	.213	-.256	-1.982
210	459	-.498	.124	-.122	-1.515
210	460	-.442	.134	-.001	-1.186
210	461	-.355	.222	.162	-1.284
210	462	-.471	.322	.294	-1.605
210	463	-.782	.326	.367	-1.975
210	464	-.824	.227	-.238	-2.559
210	465	-.805	.217	-.190	-2.038
210	466	-.420	.086	-.179	-.900
210	467	-.352	.088	-.079	-.966
210	468	-.253	.118	.190	-1.186
210	469	-.268	.248	.333	-1.644
210	470	-.538	.383	.358	-1.937
210	471	-.785	.318	.133	-2.776
210	472	-.752	.287	.031	-2.310
210	473	-.463	.099	-.107	-.966
210	474	-.394	.080	-.061	-.800
210	475	-.224	.062	.056	-.491
210	476	-.096	.091	.258	-.724
210	477	-.292	.304	.320	-1.587
210	478	-.573	.337	.275	-1.993
210	479	-.557	.286	.308	-1.776
210	480	-.460	.103	-.148	-.955
210	481	-.378	.081	-.134	-.687
210	482	-.229	.066	.131	-.477
210	483	-.092	.062	.233	-.315
210	484	-.033	.182	.624	-1.085
210	485	-.529	.340	.291	-1.917
210	486	-.450	.329	.228	-1.775
210	487	-.420	.114	-.096	-.911
210	488	-.193	.098	.205	-.507
210	489	-.078	.130	.530	-.357
210	490	-.046	.117	.504	-.485
210	491	.039	.106	.617	-.267
210	492	.075	.095	.457	-.257
210	493	.031	.096	.363	-.355
210	801	-.591	.116	-.261	-1.090
210	802	-.537	.088	-.261	-.844
210	803	-.574	.123	-.242	-1.108
210	804	-.409	.101	-.014	-.950
210	805	-.472	.104	-.111	-.894
210	806	-.767	.149	-.249	-1.220
210	807	-.796	.144	-.307	-1.298
210	808	-.822	.191	-.302	-1.746
210	809	-.927	.226	-.253	-1.925
210	810	.010	.110	.331	-.420
210	811	.371	.145	.767	-.171

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	812	.031	.101	.316	-.305
210	813	-.319	.073	-.067	-.579
210	814	-.084	.051	.102	-.232
210	815	-.061	.057	.197	-.265
210	901	-.365	.075	-.127	-.740
210	902	-.505	.110	-.272	-1.226
210	903	-.486	.090	-.196	-.889
210	904	-.115	.072	.158	-.373
210	905	-.536	.102	-.201	-.910
210	906	.106	.084	.559	-.192
210	907	.433	.153	1.136	.099
210	908	-.181	.101	.182	-.540
220	101	-.705	.081	-.453	-1.103
220	102	-.717	.086	-.444	-1.163
220	103	-.701	.081	-.427	-1.006
220	104	-.706	.094	-.386	-1.268
220	105	-.711	.108	-.291	-1.499
220	106	-.708	.130	-.271	-1.554
220	107	-.714	.118	-.159	-1.428
220	108	-.738	.114	-.379	-1.331
220	109	-.730	.112	-.401	-1.308
220	110	-.734	.124	-.344	-1.483
220	111	-.833	.178	-.280	-2.220
220	112	-.668	.101	-.338	-1.046
220	113	-.682	.101	-.361	-1.266
220	114	-.604	.096	-.344	-.967
220	115	-.581	.096	-.293	-.986
220	116	-.709	.112	-.389	-1.182
220	117	-.598	.078	-.368	-1.023
220	118	-.679	.105	-.395	-1.211
220	119	-.656	.098	-.311	-1.224
220	120	-.641	.089	-.306	-1.235
220	121	-.611	.088	-.316	-.988
220	122	-.604	.083	-.352	-.939
220	123	-.622	.094	-.339	-1.208
220	124	-.603	.094	-.311	-1.015
220	125	-.607	.091	-.301	-1.021
220	126	-.646	.091	-.362	-.970
220	127	-.626	.088	-.316	-.948
220	128	-.613	.081	-.338	-.935
220	129	-.625	.081	-.388	-.993
220	130	-.623	.083	-.347	-.972
220	131	-.619	.096	-.268	-1.092
220	132	-.619	.098	-.270	-1.259
220	133	-.608	.105	-.256	-1.138
220	134	-.582	.087	-.281	-.929
220	135	-.572	.080	-.303	-.892
220	136	-.583	.082	-.321	-.960
220	137	-.576	.100	-.238	-1.053
220	138	-.575	.111	-.205	-1.046
220	139	-.588	.131	-.149	-1.183
220	140	-.566	.109	-.260	-1.263
220	141	-.540	.095	-.186	-1.123
220	142	-.519	.071	-.250	-.914
220	143	-.535	.090	-.298	-1.034
220	144	-.534	.104	-.187	-.998
220	145	-.560	.133	-.158	-1.171
220	146	-.550	.101	-.194	-1.008
220	147	-.526	.090	-.200	-.945
220	148	-.503	.071	-.278	-.882
220	149	-.516	.076	-.233	-1.103
220	150	-.517	.082	-.273	-1.074
220	151	-.512	.095	-.172	-1.039
220	152	-.511	.096	-.205	-1.021
220	153	-.570	.106	-.243	-1.191
220	154	-.544	.087	-.228	-1.010
220	155	-.522	.075	-.296	-.991
220	156	-.515	.078	-.245	-.887
220	157	-.505	.083	-.273	-.893
220	158	-.500	.083	-.243	-.960
220	159	-.599	.112	-.258	-1.297
220	160	-.564	.090	-.301	-1.081
220	161	-.552	.080	-.203	-1.041
220	162	-.549	.083	-.329	-1.265
220	163	-.545	.085	-.217	-1.031
220	164	-.532	.083	-.184	-.988
220	165	-.509	.082	-.213	-.851
220	166	-.600	.108	-.220	-.988
220	167	-.576	.098	-.255	-.981
220	168	-.558	.088	-.263	-.973
220	169	-.559	.087	-.323	-1.033
220	170	-.551	.083	-.327	-.937
220	171	-.539	.083	-.313	-.913
220	172	-.533	.082	-.296	-.904
220	173	-.594	.115	-.182	-1.381
220	174	-.570	.112	-.074	-1.360
220	175	-.566	.105	-.198	-1.208
220	176	-.582	.126	-.170	-1.300
220	177	-.580	.128	-.338	-1.542
220	178	-.573	.108	-.297	-1.324
220	179	-.564	.104	-.304	-1.216
220	180	-.591	.110	-.307	-1.221
220	181	-.585	.099	-.356	-1.187
220	182	-.571	.089	-.222	-1.043
220	183	-.581	.122	-.362	-1.356
220	184	-.578	.136	-.317	-2.049
220	185	-.557	.123	-.282	-1.507
220	186	-.556	.109	-.224	-1.121
220	187	-.517	.158	-.021	-1.358
220	188	-.488	.137	-.029	-1.263
220	189	-.496	.121	.033	-.950
220	190	-.528	.111	-.162	-1.132
220	191	-.571	.133	-.227	-1.314
220	192	-.591	.128	-.262	-1.216
220	193	-.702	.163	-.309	-1.471
220	201	-.668	.083	-.393	-1.049
220	202	-.777	.181	-.412	-1.861
220	203	-.760	.143	-.361	-1.418
220	204	-.695	.096	-.383	-1.222
220	205	-.939	.305	-.276	-3.223
220	206	-.666	.093	-.291	-1.038
220	207	-.704	.101	-.430	-1.246
220	208	-.714	.100	-.450	-1.322
220	209	-.762	.113	-.412	-1.300
220	210	-.700	.099	-.306	-1.095
220	211	-.679	.101	-.240	-1.266
220	212	-.675	.092	-.379	-1.190
220	213	-.682	.093	-.349	-1.044
220	214	-.672	.106	-.266	-1.498
220	215	-.664	.114	-.257	-1.386
220	216	-.916	.136	-.501	-1.573
220	217	-.966	.143	-.397	-1.501
220	218	-.785	.116	-.402	-1.208
220	219	-.645	.083	-.334	-1.155
220	220	-.644	.081	-.337	-1.155
220	221	-.641	.090	-.380	-1.142
220	222	-.683	.103	-.397	-1.201
220	223	-.678	.101	-.351	-1.185
220	224	-.663	.111	-.236	-1.271
220	225	-.669	.138	-.171	-1.441
220	226	-.613	.083	-.335	-.971
220	227	-.620	.085	-.321	-.985
220	228	-.628	.085	-.337	-.993
220	229	-.656	.097	-.373	-1.132
220	230	-.660	.098	-.244	-1.050
220	231	-.694	.140	-.245	-1.539
220	232	-.701	.150	-.261	-1.595
220	233	-.586	.089	-.354	-1.108
220	234	-.589	.086	-.373	-.998
220	235	-.602	.092	-.358	-1.042
220	236	-.614	.098	-.329	-1.246
220	237	-.643	.124	-.295	-1.395
220	238	-.690	.180	-.303	-1.836
220	239	-.708	.215	-.285	-2.067
220	240	-.554	.090	-.256	-.978
220	241	-.566	.096	-.281	-.903
220	242	-.576	.095	-.281	-1.003
220	243	-.627	.132	-.265	-1.494
220	244	-.680	.208	-.224	-2.377
220	245	-.680	.227	-.188	-2.615

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	246	-.544	.098	-.293	-1.023
220	247	-.550	.101	-.285	-1.106
220	248	-.558	.102	-.278	-1.153
220	249	-.570	.123	-.259	-1.808
220	250	-.596	.127	-.269	-1.461
220	251	-.649	.205	-.225	-1.917
220	252	-.658	.217	-.113	-2.298
220	253	-.545	.093	-.286	-.964
220	254	-.548	.090	-.313	-.951
220	255	-.561	.099	-.297	-1.091
220	256	-.595	.130	-.165	-1.703
220	257	-.641	.193	-.147	-2.725
220	258	-.655	.204	-.182	-2.534
220	259	-.571	.098	-.307	-1.244
220	260	-.571	.097	-.320	-1.620
220	261	-.575	.091	-.325	-1.095
220	262	-.589	.098	-.326	-1.127
220	263	-.605	.114	-.257	-1.234
220	264	-.639	.162	-.204	-1.576
220	265	-.661	.196	-.215	-2.178
220	266	-.603	.098	-.318	-.991
220	267	-.610	.100	-.339	-.998
220	268	-.620	.101	-.364	-1.047
220	269	-.638	.132	-.298	-1.694
220	270	-.633	.127	-.298	-1.213
220	271	-.659	.171	-.194	-1.848
220	272	-.666	.179	-.179	-1.691
220	273	-.670	.151	-.360	-1.532
220	274	-.670	.150	-.362	-1.491
220	275	-.690	.161	-.370	-1.744
220	276	-.675	.123	-.393	-1.315
220	277	-.638	.104	-.172	-1.139
220	278	-.619	.123	-.267	-1.568
220	279	-.626	.149	-.244	-1.862
220	280	-.689	.184	-.309	-2.173
220	281	-.680	.176	-.237	-1.821
220	282	-.657	.141	-.293	-1.182
220	283	-.594	.096	-.320	-1.087
220	284	-.574	.090	-.301	-1.045
220	285	-.588	.113	-.300	-1.353
220	286	-.591	.117	-.314	-1.441
220	287	-.372	.065	-.189	-.701
220	288	-.605	.089	-.359	-1.160
220	289	-.534	.080	-.269	-.973
220	290	-.550	.090	-.235	-1.097
220	291	-.522	.085	-.241	-.977
220	292	-.487	.089	-.135	-.900
220	293	-.483	.131	-.029	-1.043
220	301	-.530	.066	-.276	-.801
220	302	-.357	.073	-.087	-.628
220	303	-.019	.061	.241	-.302
220	304	-.345	.077	-.117	-.720
220	305	-.478	.124	-.046	-.918
220	306	-.446	.088	-.143	-.851
220	307	-1.143	.246	.082	-1.872
220	308	-.022	.124	.392	-.859
220	309	-.127	.131	.513	-.421
220	310	-.077	.146	.314	-.938
220	311	-.718	.114	-.413	-1.389
220	312	.073	.116	.502	-.321
220	313	.188	.122	.560	-.255
220	314	.278	.123	.674	-.150
220	315	-.066	.104	.472	-.408
220	316	.081	.119	.488	-.355
220	317	.607	.170	1.195	-.214
220	318	-.025	.105	.343	-.549
220	319	.164	.119	.645	-.394
220	320	.424	.129	.855	-.137
220	321	.346	.129	.772	-.139
220	322	.294	.133	.737	-.164
220	323	.354	.128	.688	-.055
220	324	.330	.123	.682	-.033
220	325	.092	.108	.439	-.321
220	326	.120	.104	.556	-.244
220	327	.435	.124	.832	.027
220	328	.658	.143	1.071	.128
220	329	.651	.151	1.100	.151
220	330	.589	.140	.984	.075
220	331	.312	.120	.661	-.122
220	332	.049	.098	.368	-.312
220	333	.135	.109	.577	-.298
220	334	.420	.117	.897	.002
220	335	.684	.143	1.200	.157
220	336	.710	.147	1.143	.171
220	337	.593	.129	1.102	.137
220	338	.265	.102	.662	-.085
220	339	-.045	.087	.255	-.353
220	340	.082	.114	.502	-.413
220	341	.365	.136	.784	-.091
220	342	.619	.151	1.080	.198
220	343	.541	.145	1.058	.133
220	344	.234	.115	.663	-.098
220	345	-.047	.101	.339	-.371
220	346	.116	.119	.522	-.285
220	347	.342	.127	.750	-.103
220	348	.574	.141	.985	.238
220	349	.588	.149	1.040	.151
220	350	.490	.141	.993	.111
220	351	.198	.119	.685	-.237
220	352	-.038	.098	.358	-.377
220	353	.099	.132	.612	-.402
220	354	.334	.131	.776	-.080
220	355	.528	.154	1.024	.123
220	356	.432	.149	.908	.032
220	357	.166	.115	.612	-.176
220	358	-.089	.094	.331	-.389
220	359	.027	.164	.710	-.661
220	360	.303	.131	.858	-.194
220	361	.493	.147	1.002	.144
220	362	.478	.148	.984	.094
220	363	.377	.144	.885	-.019
220	364	.096	.118	.555	-.237
220	365	-.153	.100	.275	-.569
220	366	.134	.135	.619	-.312
220	367	.280	.115	.762	-.031
220	368	.369	.122	.882	.024
220	369	.346	.132	.793	.011
220	370	.249	.127	.764	-.070
220	371	-.014	.110	.484	-.341
220	372	-.203	.095	.197	-.535
220	373	.076	.115	.542	-.346
220	374	.200	.088	.670	-.076
220	375	.290	.100	.717	.075
220	376	.312	.115	.782	.010
220	377	.250	.116	.725	-.050
220	378	-.133	.101	.242	-.520
220	379	-.342	.105	-.009	-.955
220	380	.074	.122	.444	-.607
220	381	.238	.081	.548	-.045
220	382	.371	.126	.967	.035
220	383	.375	.140	1.024	.070
220	384	.214	.114	.740	-.045
220	385	-.224	.091	.114	-.645
220	386	-.377	.109	-.034	-.911
220	387	.107	.062	.370	-.101
220	388	.164	.087	.592	-.087
220	389	.065	.083	.442	-.201
220	390	-.159	.059	.063	-.373
220	391	.012	.084	.278	-.353
220	392	-.063	.053	.134	-.232
220	393	-.088	.053	.098	-.262
220	394	-.429	.071	-.218	-.688
220	401	-.807	.141	-.464	-1.584
220	402	-.665	.119	-.338	-1.034
220	403	-.909	.156	-.328	-1.526
220	404	-1.077	.174	-.577	-1.907
220	405	-.585	.102	-.222	-.981
220	406	-1.442	.402	-.537	-3.808
220	407	-.562	.106	-.157	-1.045
220	408	-.416	.094	-.182	-.827

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	409	-.572	.171	-.146	-1.368
220	410	-1.000	.194	-.428	-1.644
220	411	-1.139	.221	-.483	-2.025
220	412	-.524	.083	-.219	-.884
220	413	-.647	.138	-.209	-1.249
220	414	-1.092	.168	-.584	-1.629
220	415	-1.084	.173	-.538	-1.686
220	416	-.646	.091	-.324	-.945
220	417	-.867	.169	-.370	-1.587
220	418	-1.069	.176	-.433	-1.660
220	419	-.561	.091	-.254	-.932
220	420	-.532	.100	-.203	-1.045
220	421	-.546	.156	-.115	-1.285
220	422	-.783	.220	-.156	-1.650
220	423	-1.020	.198	-.262	-1.875
220	424	-1.041	.176	-.377	-1.710
220	425	-1.043	.181	-.380	-1.662
220	426	-.544	.103	-.217	-1.295
220	427	-.516	.125	-.084	-1.226
220	428	-.596	.175	-.067	-1.226
220	429	-.861	.219	.108	-1.532
220	430	-.993	.178	-.460	-1.581
220	431	-.958	.170	-.446	-1.489
220	432	-.948	.167	-.477	-1.486
220	433	-.600	.206	-.053	-1.613
220	434	-.588	.185	-.002	-1.282
220	435	-.696	.243	.045	-1.723
220	436	-.846	.220	-.027	-1.783
220	437	-.899	.167	-.271	-1.789
220	438	-.865	.147	-.407	-1.528
220	439	-.855	.150	-.396	-1.542
220	440	-.536	.185	.049	-1.584
220	441	-.535	.212	-.027	-1.636
220	442	-.640	.271	-.013	-1.536
220	443	-.968	.222	.016	-2.038
220	444	-.933	.182	-.445	-2.167
220	445	-.900	.188	-.357	-1.880
220	446	-.442	.118	-.119	-1.510
220	447	-.415	.141	.035	-1.287
220	448	-.447	.238	.088	-1.394
220	449	-.741	.363	.142	-2.000
220	450	-.987	.281	.125	-2.239
220	451	-.970	.219	-.367	-2.319
220	452	-.951	.206	-.369	-2.046
220	453	-.424	.084	-.191	-1.119
220	454	-.375	.087	-.121	-.952
220	455	-.308	.169	.192	-1.505
220	456	-.821	.386	.130	-2.299
220	457	-.947	.283	-.113	-2.247
220	458	-.913	.258	-.227	-2.139
220	459	-.520	.090	-.176	-.848
220	460	-.424	.079	-.080	-.871
220	461	-.254	.103	.153	-.981
220	462	-.223	.224	.254	-1.547
220	463	-.545	.434	.366	-2.014
220	464	-.789	.298	.141	-1.946
220	465	-.780	.273	.092	-2.143
220	466	-.478	.082	-.246	-.777
220	467	-.384	.076	-.131	-.704
220	468	-.231	.076	.052	-.695
220	469	-.141	.148	.199	-1.308
220	470	-.271	.343	.331	-2.232
220	471	-.585	.356	.324	-2.569
220	472	-.572	.324	.338	-2.467
220	473	-.535	.095	-.240	-1.147
220	474	-.425	.076	-.152	-.690
220	475	-.220	.061	.064	-.428
220	476	-.085	.077	.253	-.472
220	477	-.141	.235	.307	-1.210
220	478	-.317	.313	.475	-1.592
220	479	-.326	.276	.511	-1.406
220	480	-.497	.092	-.173	-.948
220	481	-.391	.074	-.101	-.706
220	482	-.219	.064	.059	-.477
220	483	-.072	.058	.188	-.309
220	484	-.014	.138	.436	-1.029
220	485	-.283	.285	.299	-1.450
220	486	-.281	.302	.381	-1.797
220	487	-.480	.114	-.095	-.970
220	488	-.191	.108	.308	-.459
220	489	-.070	.143	.625	-.387
220	490	-.018	.115	.532	-.326
220	491	.064	.119	.698	-.209
220	492	.095	.102	.521	-.194
220	493	.056	.104	.375	-.277
220	801	-.610	.105	-.295	-1.028
220	802	-.564	.072	-.326	-.807
220	803	-.626	.095	-.317	-1.015
220	804	-.325	.115	.108	-.986
220	805	-.501	.083	-.189	-.851
220	806	-.585	.126	-.222	-.996
220	807	-.748	.116	-.410	-1.391
220	808	-1.025	.194	-.319	-1.598
220	809	-.753	.118	-.300	-1.457
220	810	-.081	.090	.337	-.573
220	811	.368	.149	.881	-.258
220	812	.082	.104	.428	-.432
220	813	-.354	.071	-.159	-.674
220	814	-.079	.053	.140	-.243
220	815	-.060	.063	.274	-.354
230	901	-.390	.074	-.154	-.659
230	902	-.586	.119	-.320	-1.288
230	903	-.561	.089	-.341	-.990
230	904	-.070	.070	.209	-.340
230	905	-.606	.094	-.349	-1.015
230	906	.129	.076	.503	-.174
230	907	.373	.146	1.211	.032
230	908	-.205	.083	.251	-.498
230	101	-.640	.068	-.400	-.897
230	102	-.653	.065	-.455	-.883
230	103	-.648	.070	-.438	-.884
230	104	-.643	.069	-.435	-.898
230	105	-.667	.068	-.407	-.936
230	106	-.650	.102	-.367	-1.767
230	107	-.672	.072	-.396	-.995
230	108	-.668	.069	-.420	-.933
230	109	-.675	.072	-.461	-1.019
230	110	-.700	.090	-.467	-1.117
230	111	-.779	.136	-.366	-1.490
230	112	-.654	.063	-.430	-.893
230	113	-.663	.070	-.439	-1.132
230	114	-.557	.065	-.320	-.776
230	115	-.542	.067	-.304	-.787
230	116	-.578	.062	-.393	-.836
230	117	-.578	.063	-.329	-.868
230	118	-.736	.090	-.425	-1.042
230	119	-.654	.068	-.421	-.941
230	120	-.648	.065	-.425	-.923
230	121	-.587	.067	-.383	-.907
230	122	-.573	.066	-.385	-.980
230	123	-.605	.065	-.418	-.844
230	124	-.573	.061	-.351	-.789
230	125	-.574	.071	-.351	-.819
230	126	-.641	.076	-.405	-.913
230	127	-.632	.076	-.366	-.928
230	128	-.611	.071	-.406	-.893
230	129	-.611	.062	-.432	-.824
230	130	-.606	.062	-.412	-.818
230	131	-.600	.064	-.383	-.812
230	132	-.596	.063	-.383	-.799
230	133	-.609	.083	-.361	-.958
230	134	-.594	.078	-.320	-.890
230	135	-.585	.076	-.230	-.901
230	136	-.580	.075	-.314	-.846
230	137	-.579	.066	-.336	-.799
230	138	-.571	.066	-.313	-.798
230	139	-.570	.069	-.307	-.800
230	140	-.568	.080	-.269	-.928
230	141	-.540	.074	-.175	-.770
230	142	-.528	.059	-.313	-.796

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	143	-.525	.056	-.284	-.802	230	193	-.807	.162	-.362	-1.595	230	250	-.582	.084	-.350	-1.140
230	144	-.512	.058	-.292	-.772	230	201	-.618	.067	-.439	-.866	230	251	-.621	.127	-.347	-1.619
230	145	-.518	.061	-.314	-.750	230	202	-.630	.070	-.438	-.934	230	252	-.635	.139	-.335	-1.876
230	146	-.547	.084	-.186	-.880	230	203	-.639	.073	-.393	-1.047	230	253	-.545	.071	-.322	-.856
230	147	-.533	.080	-.193	-.918	230	204	-.629	.066	-.396	-.946	230	254	-.546	.069	-.326	-.841
230	148	-.524	.066	-.299	-.868	230	205	-.686	.102	-.398	-1.601	230	255	-.557	.071	-.332	-.979
230	149	-.522	.061	-.292	-.816	230	206	-.638	.064	-.416	-.885	230	256	-.586	.077	-.374	-1.084
230	150	-.516	.059	-.290	-.719	230	207	-.643	.072	-.398	-1.106	230	257	-.622	.118	-.326	-1.536
230	151	-.507	.061	-.265	-.710	230	208	-.665	.073	-.430	-.955	230	258	-.634	.128	-.352	-1.565
230	152	-.503	.061	-.265	-.705	230	209	-.686	.086	-.379	-1.233	230	259	-.576	.075	-.262	-.887
230	153	-.583	.092	-.114	-1.362	230	210	-.667	.073	-.409	-1.054	230	260	-.576	.072	-.277	-.880
230	154	-.569	.080	-.223	-1.177	230	211	-.643	.065	-.301	-.926	230	261	-.580	.075	-.386	-.916
230	155	-.560	.074	-.297	-1.055	230	212	-.605	.064	-.389	-.894	230	262	-.591	.076	-.387	-.944
230	156	-.546	.070	-.321	-.975	230	213	-.607	.071	-.297	-.860	230	263	-.614	.087	-.383	-1.084
230	157	-.538	.064	-.310	-.806	230	214	-.641	.076	-.365	-.971	230	264	-.639	.114	-.377	-1.582
230	158	-.534	.063	-.290	-.793	230	215	-.630	.076	-.337	-.950	230	265	-.657	.141	-.324	-1.645
230	159	-.615	.092	-.312	-1.188	230	216	-.895	.124	-.450	-1.373	230	266	-.606	.087	-.348	-1.108
230	160	-.593	.079	-.334	-1.054	230	217	-.937	.118	-.475	-1.346	230	267	-.612	.088	-.344	-1.123
230	161	-.586	.082	-.341	-1.179	230	218	-.735	.093	-.445	-1.083	230	268	-.619	.087	-.374	-1.089
230	162	-.583	.077	-.340	-1.090	230	219	-.612	.066	-.413	-.889	230	269	-.632	.082	-.432	-1.111
230	163	-.575	.077	-.299	-.896	230	220	-.612	.064	-.421	-.882	230	270	-.643	.088	-.450	-1.115
230	164	-.562	.076	-.314	-.864	230	221	-.608	.069	-.420	-.906	230	271	-.668	.122	-.425	-1.847
230	165	-.563	.079	-.287	-.919	230	222	-.625	.070	-.440	-.900	230	272	-.675	.131	-.372	-1.806
230	166	-.639	.104	-.233	-1.433	230	223	-.639	.071	-.432	-.928	230	273	-.649	.106	-.376	-1.295
230	167	-.625	.098	-.213	-1.230	230	224	-.636	.073	-.408	-.992	230	274	-.649	.105	-.373	-1.334
230	168	-.621	.091	-.317	-1.282	230	225	-.648	.079	-.403	-1.108	230	275	-.664	.115	-.373	-1.492
230	169	-.627	.090	-.346	-1.046	230	226	-.601	.064	-.379	-.849	230	276	-.685	.110	-.399	-1.427
230	170	-.612	.081	-.360	-1.015	230	227	-.607	.065	-.391	-.860	230	277	-.691	.098	-.438	-1.127
230	171	-.601	.079	-.359	-.933	230	228	-.610	.064	-.404	-.875	230	278	-.680	.107	-.450	-1.671
230	172	-.596	.079	-.351	-.925	230	229	-.600	.066	-.386	-.899	230	279	-.681	.117	-.434	-1.882
230	173	-.663	.121	-.266	-1.610	230	230	-.612	.066	-.411	-.964	230	280	-.644	.107	-.305	-1.215
230	174	-.639	.094	-.221	-1.497	230	231	-.631	.077	-.379	-1.288	230	281	-.655	.118	-.327	-1.569
230	175	-.635	.095	-.392	-1.450	230	232	-.634	.079	-.394	-1.388	230	282	-.652	.114	-.326	-1.573
230	176	-.636	.104	-.405	-1.487	230	233	-.589	.071	-.355	-.858	230	283	-.664	.097	-.387	-1.294
230	177	-.620	.098	-.396	-1.247	230	234	-.570	.068	-.370	-.846	230	284	-.664	.092	-.399	-1.398
230	178	-.628	.113	-.322	-1.437	230	235	-.582	.070	-.369	-.880	230	285	-.666	.116	-.288	-1.706
230	179	-.621	.109	-.307	-1.371	230	236	-.594	.070	-.372	-.911	230	286	-.666	.117	-.344	-1.592
230	180	-.672	.130	-.402	-1.814	230	237	-.617	.075	-.398	-.957	230	287	-.420	.058	-.251	-.645
230	181	-.664	.117	-.417	-1.432	230	238	-.650	.101	-.406	-1.423	230	288	-.671	.090	-.383	-1.050
230	182	-.641	.092	-.438	-1.259	230	239	-.664	.115	-.388	-1.436	230	289	-.589	.084	-.340	-.995
230	183	-.636	.102	-.365	-1.297	230	240	-.537	.068	-.340	-.928	230	290	-.609	.088	-.339	-.965
230	184	-.620	.106	-.381	-1.171	230	241	-.548	.072	-.305	-.937	230	291	-.619	.097	-.279	-1.163
230	185	-.594	.099	-.320	-1.113	230	242	-.555	.070	-.308	-1.064	230	292	-.692	.102	-.224	-1.296
230	186	-.582	.094	-.296	-.958	230	243	-.601	.086	-.327	-1.315	230	293	-.591	.131	-.107	-1.176
230	187	-.590	.152	-.041	-1.363	230	244	-.636	.132	-.352	-2.353	230	301	-.479	.055	-.282	-.702
230	188	-.585	.121	.074	-1.262	230	245	-.653	.149	-.324	-1.683	230	302	-.253	.075	.047	-.545
230	189	-.613	.105	-.198	-1.236	230	246	-.531	.068	-.323	-.815	230	303	.002	.082	.263	-.262
230	190	-.631	.110	-.368	-1.574	230	247	-.537	.070	-.315	-.828	230	304	-.330	.056	-.149	-.539
230	191	-.641	.124	-.352	-1.584	230	248	-.542	.068	-.331	-.809	230	305	-.259	.137	.244	-.899
230	192	-.673	.120	-.342	-1.396	230	249	-.562	.078	-.338	-1.026	230	306	-.427	.066	-.110	-.688

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	307	-.951	.209	.092	-1.714
230	308	.022	.158	.513	-.816
230	309	.115	.136	.560	-.455
230	310	-.085	.141	.326	-.902
230	311	-.674	.079	-.404	-1.091
230	312	.275	.129	.689	-.245
230	313	.206	.117	.579	-.348
230	314	.215	.118	.531	-.323
230	315	-.176	.087	.094	-.514
230	316	.294	.140	.826	-.431
230	317	.576	.185	1.089	-.166
230	318	-.111	.083	.242	-.441
230	319	.391	.131	.796	-.097
230	320	.576	.144	1.018	.023
230	321	.397	.133	.849	-.105
230	322	.295	.132	.664	-.226
230	323	.312	.128	.673	-.146
230	324	.213	.115	.584	-.171
230	325	-.031	.097	.327	-.343
230	326	.336	.131	.800	-.064
230	327	.583	.149	1.124	.087
230	328	.689	.157	1.094	.159
230	329	.629	.152	1.215	.084
230	330	.507	.136	1.002	.038
230	331	.182	.107	.563	-.220
230	332	-.078	.082	.238	-.365
230	333	.347	.131	.805	-.083
230	334	.577	.136	.989	.124
230	335	.727	.149	1.122	.204
230	336	.677	.144	1.045	.192
230	337	.526	.134	.965	.067
230	338	.149	.097	.439	-.172
230	339	-.157	.078	.148	-.421
230	340	.292	.128	.787	-.223
230	341	.537	.145	1.055	.091
230	342	.695	.154	1.142	.245
230	343	.495	.134	.901	.065
230	344	.149	.100	.476	-.209
230	345	-.151	.081	.101	-.455
230	346	.319	.130	.832	-.103
230	347	.493	.136	1.034	.055
230	348	.621	.142	1.118	.214
230	349	.565	.149	1.091	.142
230	350	.418	.138	.824	.055
230	351	.095	.110	.484	-.232
230	352	-.134	.086	.162	-.428
230	353	.310	.146	.832	-.192
230	354	.478	.147	1.014	-.051
230	355	.569	.159	1.223	-.002
230	356	.365	.136	.834	-.083
230	357	.064	.102	.407	-.231
230	358	-.184	.078	.104	-.436
230	359	.227	.151	.855	-.269
230	360	.407	.137	.900	.032
230	361	.461	.145	1.028	.036
230	362	.396	.141	.955	.010
230	363	.262	.135	.818	-.088
230	364	-.032	.107	.336	-.316
230	365	-.259	.088	.108	-.576
230	366	.275	.128	.758	-.263
230	367	.356	.127	.872	-.276
230	368	.373	.128	.814	.015
230	369	.302	.131	.771	-.059
230	370	.175	.118	.587	-.128
230	371	-.110	.095	.280	-.433
230	372	-.299	.081	.025	-.622
230	373	.177	.109	.582	-.189
230	374	.239	.103	.704	-.117
230	375	.272	.105	.747	.030
230	376	.266	.117	.848	-.058
230	377	.182	.114	.638	-.131
230	378	-.217	.087	.071	-.570
230	379	-.405	.084	-.124	-.763
230	380	.159	.094	.584	-.231
230	381	.249	.104	.698	-.078
230	382	.314	.140	.881	-.026
230	383	.295	.143	.896	-.041
230	384	.176	.099	.597	-.091
230	385	-.298	.081	-.010	-.615
230	386	-.429	.088	-.089	-.763
230	387	.126	.071	.402	-.114
230	388	.166	.090	.669	-.063
230	389	.042	.079	.409	-.205
230	390	-.208	.053	.034	-.413
230	391	.013	.100	.360	-.396
230	392	-.082	.054	.129	-.252
230	393	-.110	.054	.130	-.263
230	394	-.485	.065	-.300	-.726
230	401	-.660	.074	-.389	-1.127
230	402	-.486	.058	-.278	-.752
230	403	-.459	.205	-.096	-1.268
230	404	-.959	.168	-.383	-1.576
230	405	-.548	.076	-.311	-.917
230	406	-1.161	.317	-.294	-2.784
230	407	-.678	.127	-.308	-1.184
230	408	-.352	.067	-.153	-.608
230	409	-.322	.093	-.073	-.922
230	410	-.645	.183	-.121	-1.302
230	411	-.937	.224	-.363	-1.733
230	412	-.501	.059	-.224	-.726
230	413	-.567	.116	-.141	-1.215
230	414	-.789	.191	-.089	-1.423
230	415	-.849	.168	-.290	-1.817
230	416	-.512	.069	-.320	-.739
230	417	-.513	.107	-.169	-.971
230	418	-.609	.177	-.152	-1.216
230	419	-.515	.059	-.240	-.742
230	420	-.424	.055	-.177	-.684
230	421	-.290	.070	-.094	-.780
230	422	-.318	.118	-.044	-.923
230	423	-.607	.231	.021	-1.349
230	424	-.803	.154	-.114	-1.673
230	425	-.798	.165	-.314	-1.520
230	426	-.510	.060	-.342	-.736
230	427	-.420	.061	-.209	-.698
230	428	-.283	.087	-.043	-.865
230	429	-.362	.207	.069	-1.225
230	430	-.725	.221	.079	-1.321
230	431	-.782	.152	-.230	-1.317
230	432	-.768	.148	-.336	-1.270
230	433	-.483	.067	-.226	-.881
230	434	-.412	.070	-.128	-.894
230	435	-.308	.145	.037	-1.207
230	436	-.405	.262	.174	-1.364
230	437	-.711	.243	.173	-1.528
230	438	-.742	.147	.148	-1.489
230	439	-.726	.147	-.021	-1.524
230	440	-.462	.057	-.184	-.747
230	441	-.394	.065	-.042	-.847
230	442	-.271	.110	.024	-1.042
230	443	-.662	.309	.254	-1.524
230	444	-.756	.188	.127	-1.736
230	445	-.730	.183	-.071	-1.556
230	446	-.435	.053	-.218	-.719
230	447	-.374	.053	-.109	-.653
230	448	-.238	.067	-.027	-.671
230	449	-.233	.208	.201	-1.515
230	450	-.534	.343	.169	-1.681
230	451	-.720	.222	.233	-2.010
230	452	-.698	.206	.111	-1.843
230	453	-.450	.057	-.275	-.705
230	454	-.383	.050	-.205	-.579
230	455	-.234	.058	-.008	-.706
230	456	-.347	.336	.237	-1.647
230	457	-.640	.273	.351	-1.675
230	458	-.620	.239	.182	-1.558
230	459	-.587	.076	-.313	-.865
230	460	-.462	.066	-.158	-.687
230	461	-.226	.065	.129	-.550
230	462	-.089	.085	.324	-.815

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	463	-.110	.251	.432	-1.445	230	905	-.644	.106	-.358	-1.365	240	147	-.582	.077	-.277	-1.029
230	464	-.395	.300	.506	-1.595	230	906	.177	.076	.424	-.060	240	148	-.573	.064	-.322	-.820
230	465	-.480	.292	.649	-1.696	230	907	.345	.153	.983	.006	240	149	-.577	.062	-.347	-.875
230	466	-.526	.082	-.236	-.818	230	908	-.265	.082	.166	-.621	240	150	-.566	.059	-.415	-.815
230	467	-.405	.075	-.057	-.627	240	101	-.579	.059	-.374	-.843	240	151	-.557	.062	-.389	-.828
230	468	-.212	.069	.184	-.446	240	102	-.597	.058	-.405	-.843	240	152	-.552	.061	-.386	-.820
230	469	-.062	.087	.297	-.676	240	103	-.596	.060	-.384	-.836	240	153	-.640	.093	-.325	-1.236
230	470	-.024	.190	.461	-1.087	240	104	-.593	.059	-.413	-.860	240	154	-.629	.082	-.326	-1.047
230	471	-.240	.317	.609	-1.275	240	105	-.617	.060	-.413	-.882	240	155	-.622	.072	-.394	-.955
230	472	-.259	.292	.648	-1.239	240	106	-.591	.069	-.398	-1.022	240	156	-.603	.066	-.386	-.870
230	473	-.579	.087	-.331	-1.035	240	107	-.622	.062	-.409	-.895	240	157	-.600	.068	-.354	-.838
230	474	-.439	.080	-.146	-.839	240	108	-.617	.059	-.428	-.863	240	158	-.595	.067	-.360	-.820
230	475	-.200	.069	.116	-.397	240	109	-.656	.088	-.420	-1.243	240	159	-.675	.100	-.339	-1.280
230	476	-.049	.076	.275	-.303	240	110	-.624	.072	-.413	-1.117	240	160	-.663	.086	-.359	-1.131
230	477	.013	.130	.402	-.948	240	111	-.648	.096	-.367	-1.436	240	161	-.658	.080	-.428	-1.039
230	478	-.116	.257	.558	-1.196	240	112	-.603	.057	-.391	-.840	240	162	-.650	.072	-.443	-1.057
230	479	-.151	.242	.593	-.955	240	113	-.643	.066	-.435	-.926	240	163	-.639	.072	-.387	-1.109
230	480	-.531	.085	-.261	-.894	240	114	-.565	.060	-.340	-.758	240	164	-.626	.070	-.371	-.927
230	481	-.402	.068	-.122	-.671	240	115	-.552	.064	-.302	-.751	240	165	-.631	.081	-.381	-.946
230	482	-.182	.065	.134	-.355	240	116	-.515	.051	-.356	-.743	240	166	-.701	.105	-.395	-1.317
230	483	-.022	.072	.364	-.207	240	117	-.605	.069	-.384	-.889	240	167	-.696	.100	-.302	-1.297
230	484	.071	.094	.447	-.434	240	118	-.802	.093	-.513	-1.162	240	168	-.695	.095	-.443	-1.106
230	485	-.021	.209	.595	-1.126	240	119	-.615	.065	-.409	-.861	240	169	-.706	.092	-.403	-1.145
230	486	-.059	.202	.457	-.808	240	120	-.607	.064	-.428	-.858	240	170	-.692	.085	-.413	-1.085
230	487	-.538	.107	-.181	-.997	240	121	-.551	.067	-.334	-.831	240	171	-.681	.084	-.414	-1.109
230	488	-.214	.102	.223	-.460	240	122	-.559	.064	-.348	-.972	240	172	-.676	.083	-.411	-1.093
230	489	-.087	.139	.514	-.378	240	123	-.588	.064	-.402	-.809	240	173	-.719	.101	-.343	-1.388
230	490	.035	.107	.791	-.210	240	124	-.553	.061	-.344	-.763	240	174	-.723	.107	-.166	-1.451
230	491	.109	.119	.748	-.160	240	125	-.562	.058	-.342	-.747	240	175	-.720	.102	-.473	-1.425
230	492	.149	.096	.617	-.185	240	126	-.602	.067	-.291	-.829	240	176	-.728	.114	-.435	-1.367
230	493	.118	.087	.561	-.218	240	127	-.595	.067	-.330	-.821	240	177	-.716	.114	-.426	-1.339
230	801	-.595	.088	-.321	-1.007	240	128	-.581	.061	-.351	-.813	240	178	-.665	.100	-.410	-1.320
230	802	-.549	.056	-.347	-.744	240	129	-.580	.056	-.391	-.789	240	179	-.660	.097	-.437	-1.295
230	803	-.618	.069	-.396	-.899	240	130	-.575	.056	-.378	-.758	240	180	-.694	.106	-.489	-1.491
230	804	-.131	.105	.290	-.521	240	131	-.568	.057	-.352	-.759	240	181	-.690	.095	-.494	-1.409
230	805	-.440	.081	-.062	-.739	240	132	-.563	.056	-.349	-.748	240	182	-.704	.093	-.476	-1.325
230	806	-.340	.069	-.135	-.643	240	133	-.577	.069	-.276	-.897	240	183	-.699	.106	-.429	-1.602
230	807	-.703	.085	-.381	-1.023	240	134	-.566	.064	-.313	-.810	240	184	-.677	.112	-.372	-1.331
230	808	-.541	.171	-.043	-1.140	240	135	-.563	.057	-.367	-.769	240	185	-.646	.102	-.261	-1.297
230	809	-.671	.082	-.389	-.989	240	136	-.557	.051	-.403	-.721	240	186	-.639	.098	-.361	-1.102
230	810	.009	.081	.290	-.341	240	137	-.546	.055	-.349	-.754	240	187	-.640	.151	-.096	-2.193
230	811	.347	.144	.811	-.201	240	138	-.536	.055	-.313	-.705	240	188	-.649	.110	-.201	-1.269
230	812	.127	.110	.491	-.265	240	139	-.533	.057	-.302	-.709	240	189	-.678	.097	-.400	-1.336
230	813	-.411	.069	-.146	-.705	240	140	-.567	.072	-.215	-.989	240	190	-.680	.095	-.420	-1.330
230	814	-.094	.052	.114	-.265	240	141	-.556	.072	-.261	-.796	240	191	-.687	.103	-.408	-1.323
230	815	-.099	.068	.277	-.373	240	142	-.548	.061	-.218	-.840	240	192	-.734	.103	-.460	-1.326
230	901	-.405	.073	-.128	-.816	240	143	-.539	.056	-.322	-.714	240	193	-.883	.147	-.450	-1.676
230	902	-.646	.112	-.355	-1.337	240	144	-.525	.056	-.317	-.719	240	201	-.568	.058	-.394	-.771
230	903	-.653	.102	-.441	-1.262	240	145	-.533	.058	-.187	-.727	240	202	-.582	.057	-.397	-.771
230	904	-.019	.071	.234	-.184	240	146	-.588	.080	-.251	-1.057	240	203	-.590	.058	-.416	-.792

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	204	-.588	.057	-.424	-.813
240	205	-.600	.072	-.414	-1.023
240	206	-.592	.055	-.379	-.903
240	207	-.596	.064	-.408	-.939
240	208	-.607	.062	-.411	-.864
240	209	-.631	.076	-.424	-.983
240	210	-.614	.070	-.428	-.898
240	211	-.599	.060	-.428	-.828
240	212	-.564	.059	-.328	-.818
240	213	-.567	.061	-.341	-.813
240	214	-.605	.067	-.410	-.888
240	215	-.591	.061	-.406	-.843
240	216	-.895	.110	-.515	-1.290
240	217	-.815	.098	-.493	-1.126
240	218	-.569	.072	-.354	-.822
240	219	-.564	.061	-.358	-.785
240	220	-.565	.059	-.356	-.775
240	221	-.578	.059	-.404	-.783
240	222	-.573	.057	-.387	-.796
240	223	-.585	.060	-.395	-.873
240	224	-.584	.062	-.378	-.818
240	225	-.600	.067	-.394	-.981
240	226	-.560	.057	-.341	-.766
240	227	-.565	.058	-.332	-.775
240	228	-.568	.055	-.351	-.762
240	229	-.578	.055	-.401	-1.018
240	230	-.589	.054	-.423	-.784
240	231	-.609	.062	-.403	-.926
240	232	-.613	.064	-.399	-1.028
240	233	-.540	.054	-.349	-.731
240	234	-.543	.052	-.374	-.723
240	235	-.553	.052	-.380	-.818
240	236	-.563	.050	-.409	-.836
240	237	-.583	.060	-.401	-.841
240	238	-.609	.075	-.387	-.957
240	239	-.627	.087	-.370	-1.083
240	240	-.538	.058	-.363	-.745
240	241	-.544	.058	-.351	-.781
240	242	-.552	.055	-.374	-.766
240	243	-.580	.059	-.373	-.856
240	244	-.598	.079	-.366	-1.091
240	245	-.632	.101	-.291	-1.181
240	246	-.560	.063	-.308	-.763
240	247	-.565	.064	-.299	-.767
240	248	-.570	.061	-.323	-.762
240	249	-.574	.066	-.379	-.828
240	250	-.585	.069	-.400	-.893
240	251	-.607	.089	-.289	-1.255
240	252	-.615	.096	-.315	-1.217
240	253	-.572	.064	-.364	-.828
240	254	-.573	.063	-.395	-.817
240	255	-.583	.063	-.413	-.825
240	256	-.600	.065	-.416	-.942
240	257	-.612	.079	-.394	-1.126
240	258	-.622	.090	-.367	-1.305
240	259	-.600	.074	-.335	-.906
240	260	-.601	.071	-.353	-.904
240	261	-.614	.066	-.394	-.841
240	262	-.625	.064	-.425	-.862
240	263	-.641	.071	-.451	-.954
240	264	-.653	.088	-.429	-1.172
240	265	-.648	.101	-.339	-1.520
240	266	-.637	.073	-.372	-.888
240	267	-.643	.074	-.403	-.914
240	268	-.651	.073	-.447	-.960
240	269	-.680	.079	-.434	-1.003
240	270	-.693	.085	-.326	-1.089
240	271	-.711	.111	-.350	-1.912
240	272	-.717	.123	-.300	-1.851
240	273	-.676	.083	-.443	-1.038
240	274	-.675	.081	-.460	-1.018
240	275	-.689	.084	-.473	-1.020
240	276	-.717	.087	-.502	-1.064
240	277	-.728	.091	-.487	-1.248
240	278	-.722	.091	-.489	-1.305
240	279	-.723	.100	-.380	-1.377
240	280	-.657	.081	-.419	-.978
240	281	-.664	.097	-.394	-1.238
240	282	-.661	.094	-.419	-1.261
240	283	-.690	.097	-.468	-1.157
240	284	-.706	.093	-.496	-1.183
240	285	-.703	.097	-.466	-1.474
240	286	-.700	.098	-.468	-1.370
240	287	-.477	.059	-.308	-.743
240	288	-.726	.087	-.489	-1.191
240	289	-.640	.080	-.433	-.984
240	290	-.651	.082	-.453	-.995
240	291	-.680	.091	-.414	-1.098
240	292	-.670	.094	-.354	-1.243
240	293	-.651	.127	-.171	-1.256
240	301	-.419	.051	-.257	-.610
240	302	-.074	.081	.183	-.429
240	303	.001	.078	.231	-.303
240	304	-.336	.051	-.121	-.511
240	305	.078	.159	.692	-.480
240	306	-.417	.056	-.222	-.663
240	307	-.476	.149	.078	-1.032
240	308	.050	.169	.623	-.787
240	309	.093	.122	.436	-.358
240	310	-.126	.134	.197	-.612
240	311	-.634	.084	-.387	-1.127
240	312	.471	.137	.858	-.019
240	313	.252	.113	.613	-.159
240	314	.117	.105	.478	-.341
240	315	-.264	.073	.013	-.572
240	316	.463	.161	.899	-.133
240	317	.437	.172	.896	-.334
240	318	-.193	.072	.095	-.522
240	319	.591	.140	.973	.022
240	320	.654	.141	1.039	.155
240	321	.415	.134	.778	-.056
240	322	.276	.120	.612	-.166
240	323	.252	.113	.573	-.155
240	324	.093	.095	.385	-.262
240	325	-.137	.077	.131	-.478
240	326	.540	.139	.943	.122
240	327	.666	.155	1.109	.190
240	328	.643	.156	1.042	.138
240	329	.542	.135	.941	.119
240	330	.385	.116	.741	-.017
240	331	.052	.087	.364	-.235
240	332	-.181	.066	.070	-.407
240	333	.559	.149	1.037	.109
240	334	.682	.150	1.114	.219
240	335	.693	.150	1.121	.216
240	336	.577	.136	.928	.162
240	337	.391	.118	.786	.035
240	338	.023	.080	.295	-.237
240	339	-.243	.060	-.041	-.450
240	340	.507	.133	.969	.058
240	341	.652	.151	1.229	.169
240	342	.657	.145	1.128	.256
240	343	.352	.112	.697	.095
240	344	-.000	.078	.242	-.242
240	345	-.253	.064	-.008	-.497
240	346	.522	.152	1.026	.024
240	347	.601	.160	1.068	.090
240	348	.594	.157	1.054	.158
240	349	.470	.141	.980	.071
240	350	.292	.118	.682	-.049
240	351	-.031	.086	.270	-.363
240	352	-.238	.066	-.005	-.477
240	353	.477	.146	1.131	.033
240	354	.549	.137	1.175	.205
240	355	.527	.132	1.058	.180
240	356	.245	.104	.652	-.048
240	357	-.069	.088	.328	-.310
240	358	-.292	.065	-.003	-.483
240	359	.394	.149	.905	-.053
240	360	.453	.145	.947	.090

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	361	.428	.147	.937	.052	240	417	-.305	.073	-.035	-.589	240	467	-.381	.078	.156	-.606
240	362	.325	.131	.807	-.049	240	418	-.202	.088	.027	-.578	240	468	-.158	.081	.320	-.369
240	363	.165	.116	.667	-.159	240	419	-.430	.046	-.305	-.593	240	469	-.000	.089	.411	-.233
240	364	-.139	.087	.230	-.392	240	420	-.314	.045	-.165	-.468	240	470	.116	.103	.582	-.507
240	365	-.368	.071	-.075	-.619	240	421	-.170	.059	.039	-.410	240	471	.088	.238	.713	-.909
240	366	.328	.143	.836	-.215	240	422	-.130	.062	.111	-.395	240	472	.062	.245	.722	-.838
240	367	.348	.143	.927	-.266	240	423	-.041	.110	.213	-.618	240	473	-.615	.083	-.263	-.942
240	368	.301	.135	.858	-.058	240	424	-.388	.193	.369	-1.147	240	474	-.441	.077	-.053	-.676
240	369	.236	.121	.790	-.075	240	425	-.374	.176	.406	-1.159	240	475	-.165	.075	.238	-.346
240	370	.085	.105	.548	-.222	240	426	-.445	.045	-.312	-.580	240	476	.002	.089	.348	-.235
240	371	-.212	.084	.095	-.528	240	427	-.335	.042	-.183	-.458	240	477	.099	.105	.481	-.437
240	372	-.396	.073	-.131	-.669	240	428	-.143	.046	.050	-.310	240	478	.101	.170	.619	-.769
240	373	.158	.110	.616	-.283	240	429	-.025	.060	.167	-.384	240	479	.074	.189	.676	-.708
240	374	.186	.103	.560	-.191	240	430	.023	.167	.298	-.781	240	480	-.555	.076	-.227	-.872
240	375	.190	.100	.595	-.077	240	431	-.338	.198	.482	-1.067	240	481	-.400	.062	-.100	-.654
240	376	.184	.107	.593	-.115	240	432	-.329	.170	.330	-1.004	240	482	-.155	.065	.096	-.346
240	377	.077	.101	.481	-.249	240	433	-.437	.050	-.271	-.658	240	483	.015	.076	.350	-.189
240	378	-.329	.078	-.051	-.662	240	434	-.339	.043	-.192	-.507	240	484	.116	.089	.628	-.191
240	379	-.486	.075	-.276	-.906	240	435	-.145	.049	.040	-.344	240	485	.111	.135	.683	-.896
240	380	.178	.100	.629	-.181	240	436	-.007	.067	.211	-.564	240	486	.088	.140	.637	-.502
240	381	.224	.107	.702	-.166	240	437	.010	.222	.429	-1.020	240	487	-.593	.107	-.244	-1.063
240	382	.256	.122	.783	-.028	240	438	-.304	.213	.494	-.951	240	488	-.215	.096	.203	-.507
240	383	.229	.121	.758	-.048	240	439	-.295	.197	.451	-.911	240	489	-.072	.130	.958	-.375
240	384	.095	.093	.459	-.184	240	440	-.443	.045	-.289	-.592	240	490	.044	.095	.547	-.181
240	385	-.383	.073	-.148	-.664	240	441	-.351	.041	-.202	-.499	240	491	.107	.105	.499	-.168
240	386	-.497	.077	-.235	-.795	240	442	-.147	.044	.006	-.281	240	492	.139	.080	.532	-.152
240	387	.106	.081	.551	-.214	240	443	.036	.190	.371	-.973	240	493	.116	.076	.442	-.141
240	388	.111	.086	.639	-.128	240	444	-.269	.220	.533	-1.170	240	801	-.569	.069	-.324	-.872
240	389	-.029	.071	.275	-.273	240	445	-.284	.208	.468	-.994	240	802	-.529	.060	-.344	-.829
240	390	-.281	.051	-.085	-.492	240	446	-.453	.051	-.244	-.601	240	803	-.573	.073	-.363	-.950
240	391	-.066	.119	.385	-.507	240	447	-.366	.047	-.188	-.504	240	804	.009	.095	.381	-.351
240	392	-.096	.049	.116	-.243	240	448	-.169	.049	.043	-.328	240	805	-.389	.071	-.093	-.642
240	393	-.125	.052	.064	-.281	240	449	-.018	.063	.239	-.340	240	806	-.196	.061	.032	-.461
240	394	-.563	.064	-.354	-.792	240	450	.059	.143	.405	-.773	240	807	-.677	.079	-.385	-.997
240	401	-.591	.064	-.405	-.910	240	451	-.191	.252	.534	-1.007	240	808	-.175	.089	.140	-.494
240	402	-.448	.046	-.273	-.732	240	452	-.209	.212	.592	-.947	240	809	-.591	.070	-.369	-.923
240	403	-.208	.048	-.028	-.463	240	453	-.477	.056	-.292	-.728	240	810	.086	.101	.383	-.349
240	404	-.473	.119	.022	-.857	240	454	-.382	.049	-.187	-.565	240	811	.290	.141	.691	-.326
240	405	-.501	.052	-.330	-.759	240	455	-.177	.053	.063	-.380	240	812	.142	.124	.571	-.339
240	406	-.399	.173	.178	-1.284	240	456	.095	.138	.426	-.820	240	813	-.464	.066	-.263	-.761
240	407	-.735	.098	-.409	-1.074	240	457	-.109	.298	.645	-1.256	240	814	-.108	.052	.108	-.278
240	408	-.280	.054	-.089	-.530	240	458	-.154	.259	.710	-1.203	240	815	-.153	.087	.182	-.492
240	409	-.177	.065	.047	-.492	240	459	-.624	.080	-.279	-.940	240	901	-.406	.069	-.138	-.643
240	410	-.264	.102	.061	-.698	240	460	-.460	.069	-.180	-.680	240	902	-.700	.100	-.453	-1.378
240	411	-.412	.121	-.033	-1.012	240	461	-.192	.069	.108	-.374	240	903	-.699	.082	-.463	-1.142
240	412	-.456	.051	-.248	-.631	240	462	-.019	.074	.332	-.200	240	904	.034	.083	.496	-.183
240	413	-.455	.113	-.104	-.971	240	463	.103	.104	.534	-.774	240	905	-.676	.085	-.417	-1.002
240	414	-.197	.179	.225	-.945	240	464	-.002	.262	.691	-1.258	240	906	.155	.073	.509	-.048
240	415	-.400	.164	.280	-1.232	240	465	-.012	.293	.801	-.956	240	907	.240	.138	.858	-.111
240	416	-.430	.049	-.276	-.631	240	466	-.533	.078	-.101	-.771	240	908	-.359	.079	-.092	-.595

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	101	-.535	.053	-.387	-.728	250	151	-.561	.061	-.307	-.759	250	208	-.561	.062	-.377	-.797
250	102	-.554	.053	-.384	-.752	250	152	-.558	.060	-.291	-.750	250	209	-.549	.066	-.379	-1.010
250	103	-.548	.053	-.389	-.742	250	153	-.662	.095	-.328	-1.371	250	210	-.537	.058	-.367	-.879
250	104	-.548	.053	-.394	-.735	250	154	-.654	.086	-.389	-1.124	250	211	-.533	.055	-.363	-.814
250	105	-.563	.055	-.348	-.824	250	155	-.641	.073	-.453	-1.077	250	212	-.496	.055	-.304	-.704
250	106	-.532	.059	-.304	-.893	250	156	-.622	.065	-.422	-.908	250	213	-.502	.060	-.259	-.692
250	107	-.565	.056	-.372	-.786	250	157	-.620	.065	-.409	-.863	250	214	-.550	.068	-.351	-.940
250	108	-.568	.057	-.340	-.819	250	158	-.616	.064	-.411	-.856	250	215	-.531	.060	-.368	-.814
250	109	-.612	.095	-.384	-1.317	250	159	-.706	.102	-.438	-1.292	250	216	-.813	.098	-.499	-1.215
250	110	-.555	.063	-.359	-.933	250	160	-.695	.088	-.466	-1.199	250	217	-.644	.084	-.324	-.945
250	111	-.564	.072	-.330	-1.109	250	161	-.694	.077	-.443	-1.053	250	218	-.445	.055	-.275	-.721
250	112	-.547	.061	-.343	-.772	250	162	-.685	.073	-.468	-1.107	250	219	-.503	.056	-.340	-.725
250	113	-.573	.065	-.355	-.907	250	163	-.677	.073	-.448	-1.013	250	220	-.505	.055	-.344	-.714
250	114	-.513	.053	-.297	-.729	250	164	-.669	.069	-.409	-.987	250	221	-.526	.054	-.339	-.742
250	115	-.509	.056	-.285	-.734	250	165	-.663	.074	-.440	-.958	250	222	-.519	.056	-.364	-.800
250	116	-.455	.051	-.298	-.710	250	166	-.730	.096	-.463	-1.355	250	223	-.527	.060	-.356	-.854
250	117	-.583	.069	-.374	-.838	250	167	-.724	.091	-.428	-1.290	250	224	-.518	.058	-.326	-.810
250	118	-.732	.091	-.439	-1.062	250	168	-.720	.083	-.459	-1.226	250	225	-.523	.067	-.326	-.815
250	119	-.521	.058	-.302	-.727	250	169	-.703	.092	-.414	-1.324	250	226	-.493	.056	-.323	-.726
250	120	-.515	.056	-.310	-.703	250	170	-.690	.080	-.444	-1.057	250	227	-.499	.056	-.335	-.730
250	121	-.520	.062	-.333	-1.063	250	171	-.683	.077	-.438	-.988	250	228	-.504	.053	-.347	-.734
250	122	-.524	.057	-.371	-.834	250	172	-.680	.075	-.454	-.977	250	229	-.507	.048	-.359	-.682
250	123	-.542	.057	-.372	-.897	250	173	-.696	.094	-.355	-1.321	250	230	-.510	.049	-.346	-.682
250	124	-.512	.056	-.345	-.747	250	174	-.695	.090	-.429	-1.271	250	231	-.519	.059	-.290	-.804
250	125	-.505	.058	-.296	-.733	250	175	-.695	.085	-.447	-1.126	250	232	-.525	.066	-.288	-.936
250	126	-.534	.062	-.327	-.826	250	176	-.706	.103	-.417	-1.112	250	233	-.492	.054	-.271	-.702
250	127	-.526	.062	-.310	-.826	250	177	-.687	.107	-.447	-1.280	250	234	-.494	.052	-.288	-.700
250	128	-.519	.057	-.310	-.799	250	178	-.679	.096	-.429	-1.130	250	235	-.505	.052	-.300	-.713
250	129	-.523	.055	-.367	-.790	250	179	-.674	.092	-.414	-1.092	250	236	-.513	.048	-.329	-.711
250	130	-.518	.054	-.371	-.752	250	180	-.700	.099	-.470	-1.292	250	237	-.534	.050	-.381	-.735
250	131	-.509	.056	-.344	-.759	250	181	-.697	.091	-.475	-1.285	250	238	-.543	.062	-.372	-.835
250	132	-.505	.055	-.338	-.752	250	182	-.684	.086	-.454	-1.155	250	239	-.557	.076	-.325	-.963
250	133	-.538	.066	-.287	-.895	250	183	-.678	.095	-.460	-1.233	250	240	-.519	.051	-.342	-.696
250	134	-.532	.060	-.304	-.804	250	184	-.651	.103	-.379	-1.180	250	241	-.521	.052	-.294	-.710
250	135	-.528	.054	-.320	-.754	250	185	-.627	.093	-.338	-1.033	250	242	-.529	.049	-.333	-.705
250	136	-.522	.050	-.370	-.713	250	186	-.637	.097	-.364	-1.074	250	243	-.549	.052	-.404	-.784
250	137	-.513	.055	-.350	-.697	250	187	-.602	.130	-.147	-1.562	250	244	-.557	.065	-.329	-.909
250	138	-.502	.055	-.337	-.685	250	188	-.641	.095	-.274	-1.198	250	245	-.567	.084	-.321	-1.010
250	139	-.498	.056	-.330	-.687	250	189	-.667	.084	-.373	-1.194	250	246	-.542	.057	-.333	-.800
250	140	-.552	.069	-.214	-.866	250	190	-.662	.089	-.404	-1.006	250	247	-.547	.058	-.348	-.814
250	141	-.545	.067	-.157	-.868	250	191	-.671	.098	-.414	-1.069	250	248	-.551	.056	-.385	-.802
250	142	-.541	.053	-.342	-.754	250	192	-.716	.099	-.409	-1.094	250	249	-.569	.056	-.411	-.802
250	143	-.526	.050	-.330	-.727	250	193	-.876	.141	-.473	-1.522	250	250	-.573	.057	-.369	-.835
250	144	-.514	.051	-.328	-.725	250	201	-.518	.054	-.326	-.735	250	251	-.583	.069	-.376	-.928
250	145	-.514	.055	-.272	-.692	250	202	-.529	.053	-.331	-.723	250	252	-.587	.075	-.326	-1.058
250	146	-.600	.082	-.252	-1.037	250	203	-.538	.053	-.356	-.725	250	253	-.572	.057	-.379	-.800
250	147	-.593	.078	-.246	-1.030	250	204	-.538	.054	-.337	-.767	250	254	-.573	.056	-.379	-.789
250	148	-.584	.064	-.365	-.806	250	205	-.545	.067	-.346	-.933	250	255	-.582	.056	-.383	-.822
250	149	-.579	.058	-.374	-.775	250	206	-.547	.053	-.392	-.718	250	256	-.593	.055	-.400	-.833
250	150	-.571	.058	-.349	-.762	250	207	-.555	.063	-.363	-.865	250	257	-.606	.069	-.331	-.905

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	258	-.614	.074	-.364	-.914	250	315	-.305	.059	-.094	-.542	250	365	-.436	.064	-.167	-.694
250	259	-.608	.064	-.391	-.859	250	316	.437	.203	1.007	-.294	250	366	.265	.189	.761	-.526
250	260	-.609	.062	-.397	-.858	250	317	.293	.171	.789	-.336	250	367	.268	.170	.759	-.621
250	261	-.618	.066	-.376	-.865	250	318	-.246	.065	.017	-.558	250	368	.210	.117	.602	-.156
250	262	-.626	.065	-.407	-.868	250	319	.670	.157	1.167	.090	250	369	.118	.106	.556	-.224
250	263	-.636	.071	-.444	-.986	250	320	.624	.151	1.062	.065	250	370	-.030	.087	.361	-.260
250	264	-.640	.078	-.390	-1.104	250	321	.347	.118	.656	-.083	250	371	-.296	.069	-.007	-.535
250	265	-.644	.079	-.346	-.955	250	322	.205	.103	.511	-.143	250	372	-.454	.062	-.214	-.715
250	266	-.644	.070	-.420	-.889	250	323	.168	.095	.441	-.188	250	373	.074	.142	.526	-.452
250	267	-.650	.070	-.439	-.897	250	324	-.010	.074	.255	-.315	250	374	.096	.136	.594	-.470
250	268	-.657	.069	-.473	-.929	250	325	-.207	.062	.076	-.443	250	375	.110	.107	.539	-.274
250	269	-.668	.074	-.496	-.960	250	326	.698	.161	1.098	.160	250	376	.068	.098	.481	-.177
250	270	-.677	.075	-.451	-.935	250	327	.698	.164	1.147	.179	250	377	-.035	.088	.278	-.255
250	271	-.690	.083	-.399	-1.110	250	328	.566	.146	.968	.099	250	378	-.397	.063	-.185	-.585
250	272	-.695	.086	-.382	-1.096	250	329	.435	.122	.792	-.050	250	379	-.523	.060	-.320	-.771
250	273	-.647	.071	-.444	-1.064	250	330	.267	.101	.574	-.063	250	380	.111	.119	.632	-.396
250	274	-.647	.070	-.447	-1.059	250	331	-.041	.072	.200	-.332	250	381	.132	.126	.634	-.437
250	275	-.660	.074	-.449	-1.282	250	332	-.235	.053	-.084	-.445	250	382	.161	.125	.627	-.259
250	276	-.683	.078	-.468	-1.127	250	333	.698	.153	1.154	.200	250	383	.141	.120	.575	-.147
250	277	-.703	.081	-.482	-1.309	250	334	.719	.151	1.149	.220	250	384	.029	.098	.388	-.238
250	278	-.697	.087	-.460	-1.641	250	335	.607	.141	1.053	.140	250	385	-.439	.065	-.181	-.747
250	279	-.698	.091	-.445	-1.631	250	336	.456	.121	.860	.087	250	386	-.531	.065	-.287	-.877
250	280	-.641	.075	-.440	-.959	250	337	.251	.101	.582	-.088	250	387	.034	.098	.460	-.322
250	281	-.648	.083	-.348	-1.095	250	338	-.085	.063	.114	-.303	250	388	.031	.070	.403	-.134
250	282	-.647	.080	-.406	-1.085	250	339	-.304	.049	-.147	-.465	250	389	-.099	.059	.178	-.260
250	283	-.676	.083	-.460	-1.106	250	340	.643	.151	1.223	.015	250	390	-.319	.045	-.122	-.491
250	284	-.690	.081	-.478	-1.150	250	341	.675	.148	1.097	.174	250	391	-.192	.115	.144	-.493
250	285	-.684	.079	-.464	-1.397	250	342	.570	.132	.947	.189	250	392	-.120	.046	.050	-.263
250	286	-.683	.081	-.480	-1.300	250	343	.221	.093	.540	-.053	250	393	-.145	.050	.052	-.319
250	287	-.688	.056	-.302	-.712	250	344	-.103	.061	.106	-.298	250	394	-.578	.063	-.396	-.867
250	288	-.723	.081	-.478	-1.059	250	345	-.319	.054	-.091	-.522	250	401	-.461	.064	-.232	-.679
250	289	-.641	.072	-.422	-.986	250	346	.606	.148	1.069	.068	250	402	-.376	.040	-.257	-.539
250	290	-.646	.072	-.452	-1.059	250	347	.602	.148	1.065	.193	250	403	-.122	.053	.041	-.340
250	291	-.667	.081	-.465	-1.213	250	348	.500	.133	.896	.130	250	404	-.114	.134	.259	-.567
250	292	-.649	.091	-.274	-1.313	250	349	.344	.120	.734	.005	250	405	-.417	.050	-.263	-.669
250	293	-.623	.124	-.149	-1.604	250	350	.160	.095	.458	-.109	250	406	.001	.140	.437	-.562
250	301	-.350	.047	-.184	-.553	250	351	-.138	.066	.085	-.349	250	407	-.632	.097	-.356	-1.045
250	302	.067	.081	.286	-.233	250	352	-.313	.052	-.137	-.484	250	408	-.193	.072	-.011	-.483
250	303	-.008	.075	.203	-.267	250	353	.476	.166	.975	-.200	250	409	-.078	.077	.206	-.364
250	304	-.327	.046	-.188	-.508	250	354	.472	.154	.986	-.177	250	410	-.129	.087	.186	-.450
250	305	.159	.158	.644	-.389	250	355	.380	.138	.897	.000	250	411	-.193	.092	.090	-.531
250	306	-.382	.047	-.236	-.609	250	356	.088	.096	.434	-.168	250	412	-.386	.051	-.200	-.600
250	307	-.184	.094	.140	-.518	250	357	-.164	.072	.124	-.400	250	413	-.302	.104	-.036	-.807
250	308	.067	.132	.564	-.453	250	358	-.366	.056	-.148	-.563	250	414	.043	.093	.339	-.478
250	309	.060	.106	.453	-.307	250	359	.414	.181	1.039	-.378	250	415	.057	.210	.698	-.595
250	310	-.178	.127	.254	-.575	250	360	.409	.160	.980	-.262	250	416	-.348	.047	-.192	-.513
250	311	-.616	.098	-.361	-1.019	250	361	.321	.132	.789	-.040	250	417	-.148	.110	.274	-.545
250	312	.521	.151	.922	-.062	250	362	.204	.113	.596	-.143	250	418	-.058	.078	.219	-.314
250	313	.230	.115	.648	-.255	250	363	.044	.097	.386	-.279	250	419	-.347	.048	-.116	-.516
250	314	.006	.091	.303	-.393	250	364	-.234	.070	.027	-.477	250	420	-.205	.054	.062	-.378

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	421	-.066	.066	.156	-.348	250	471	.214	.161	.751	-.531	260	105	-.532	.057	-.322	-.825
250	422	-.015	.069	.201	-.288	250	472	.201	.176	.733	-.475	260	106	-.497	.062	-.340	-1.296
250	423	.115	.081	.365	-.188	250	473	-.582	.084	-.182	-1.015	260	107	-.533	.059	-.310	-.816
250	424	.207	.212	.669	-.524	250	474	-.398	.080	-.016	-.643	260	108	-.537	.059	-.344	-.803
250	425	.170	.234	.771	-.810	250	475	-.117	.083	.262	-.334	260	109	-.580	.079	-.344	-.926
250	426	-.369	.044	-.229	-.524	250	476	.045	.096	.426	-.198	260	110	-.515	.058	-.320	-.732
250	427	-.236	.047	-.050	-.389	250	477	.136	.101	.605	-.256	260	111	-.526	.066	-.293	-.779
250	428	-.014	.063	.187	-.215	250	478	.168	.119	.614	-.628	260	112	-.524	.060	-.314	-.781
250	429	.127	.080	.408	-.137	250	479	.146	.133	.639	-.506	260	113	-.552	.074	-.344	-.921
250	430	.263	.094	.544	-.058	250	480	-.527	.077	-.241	-.908	260	114	-.487	.052	-.315	-.669
250	431	.250	.244	.795	-.580	250	481	-.357	.065	-.101	-.587	260	115	-.488	.054	-.295	-.690
250	432	.204	.228	.842	-.483	250	482	-.092	.081	.231	-.333	260	116	-.463	.055	-.305	-.753
250	433	-.368	.046	-.182	-.578	250	483	.071	.088	.442	-.129	260	117	-.683	.083	-.467	-.997
250	434	-.249	.045	-.055	-.447	250	484	.151	.089	.507	-.127	260	118	-.750	.097	-.385	-1.116
250	435	-.019	.063	.235	-.216	250	485	.146	.094	.544	-.539	260	119	-.513	.058	-.320	-.777
250	436	.145	.079	.468	-.103	250	486	.114	.110	.509	-.588	260	120	-.506	.053	-.324	-.686
250	437	.289	.100	.637	-.230	250	487	-.594	.100	-.283	-1.049	260	121	-.508	.055	-.327	-.737
250	438	.254	.244	.808	-.598	250	488	-.187	.099	.242	-.470	260	122	-.508	.051	-.320	-.737
250	439	.221	.239	.897	-.547	250	489	-.017	.136	.562	-.294	260	123	-.515	.052	-.360	-.720
250	440	-.403	.044	-.238	-.557	250	490	.110	.120	.844	-.132	260	124	-.486	.051	-.310	-.686
250	441	-.274	.044	-.109	-.396	250	491	.165	.117	.869	-.117	260	125	-.484	.056	-.300	-.666
250	442	-.036	.059	.204	-.206	250	492	.137	.079	.599	-.104	260	126	-.515	.064	-.240	-.799
250	443	.272	.098	.606	-.091	250	493	.105	.068	.419	-.136	260	127	-.519	.061	-.271	-.834
250	444	.262	.234	.827	-.508	250	801	-.507	.063	-.289	-.747	260	128	-.504	.052	-.329	-.694
250	445	.242	.246	.990	-.563	250	802	-.494	.060	-.325	-.706	260	129	-.498	.049	-.342	-.702
250	446	-.409	.049	-.206	-.547	250	803	-.475	.073	-.253	-.801	260	130	-.488	.050	-.332	-.689
250	447	-.300	.047	-.134	-.437	250	804	.079	.115	.491	-.331	260	131	-.480	.052	-.305	-.695
250	448	-.062	.060	.147	-.246	250	805	-.318	.072	-.040	-.597	260	132	-.475	.052	-.307	-.691
250	449	.091	.080	.360	-.162	250	806	-.067	.096	.235	-.400	260	133	-.521	.066	-.320	-.877
250	450	.232	.100	.560	-.124	250	807	-.620	.073	-.370	-1.023	260	134	-.515	.057	-.315	-.792
250	451	.242	.232	.759	-.610	250	808	-.088	.080	.125	-.452	260	135	-.512	.050	-.362	-.705
250	452	.202	.236	.840	-.460	250	809	-.525	.065	-.341	-.830	260	136	-.503	.047	-.344	-.691
250	453	-.450	.052	-.303	-.641	250	810	-.027	.102	.321	-.370	260	137	-.496	.047	-.327	-.702
250	454	-.337	.049	-.176	-.506	250	811	.241	.125	.580	-.255	260	138	-.486	.048	-.317	-.662
250	455	-.102	.063	.199	-.272	250	812	.152	.117	.505	-.285	260	139	-.484	.050	-.308	-.663
250	456	.229	.102	.661	-.121	250	813	-.506	.062	-.323	-.774	260	140	-.562	.063	-.228	-.907
250	457	.284	.205	.816	-.442	250	814	-.129	.045	.032	-.273	260	141	-.559	.069	-.307	-.953
250	458	.253	.242	.877	-.444	250	815	-.175	.086	.169	-.501	260	142	-.548	.054	-.285	-.767
250	459	-.620	.081	-.287	-.946	250	901	-.372	.074	.055	-.679	260	143	-.531	.052	-.330	-.712
250	460	-.426	.070	-.078	-.651	250	902	-.683	.102	-.424	-1.326	260	144	-.518	.054	-.310	-.714
250	461	-.120	.081	.274	-.346	250	903	-.677	.081	-.478	-1.068	260	145	-.517	.054	-.320	-.683
250	462	.068	.098	.472	-.173	250	904	.079	.104	.544	-.116	260	146	-.629	.080	-.337	-1.106
250	463	.208	.123	.642	-.183	250	905	-.660	.076	-.442	-1.004	260	147	-.624	.076	-.323	-1.169
250	464	.284	.199	.786	-.730	250	906	.126	.079	.414	-.071	260	148	-.605	.056	-.411	-.917
250	465	.254	.229	.960	-.537	250	907	.161	.130	.787	-.183	260	149	-.590	.056	-.388	-.786
250	466	-.520	.078	-.006	-.811	250	908	-.399	.061	-.159	-.603	260	150	-.579	.055	-.392	-.759
250	467	-.352	.083	.189	-.613	260	101	-.504	.054	-.334	-.707	260	151	-.572	.058	-.335	-.759
250	468	-.115	.084	.284	-.317	260	102	-.522	.053	-.350	-.712	260	152	-.566	.057	-.339	-.753
250	469	.050	.099	.486	-.169	260	103	-.514	.055	-.333	-.727	260	153	-.686	.091	-.349	-1.213
250	470	.160	.105	.618	-.117	260	104	-.503	.055	-.312	-.701	260	154	-.677	.085	-.372	-1.131

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	155	-.662	.070	-.444	-.931	260	212	-.450	.056	-.285	-.701	260	262	-.573	.058	-.381	-.795
260	156	-.636	.060	-.453	-.823	260	213	-.457	.059	-.272	-.715	260	263	-.585	.063	-.387	-.816
260	157	-.642	.063	-.428	-.884	260	214	-.497	.069	-.280	-.773	260	264	-.604	.067	-.322	-.876
260	158	-.639	.062	-.422	-.862	260	215	-.484	.062	-.277	-.774	260	265	-.624	.075	-.355	-1.000
260	159	-.727	.098	-.491	-1.362	260	216	-.726	.097	-.450	-1.147	260	266	-.603	.066	-.391	-.844
260	160	-.718	.086	-.498	-1.220	260	217	-.474	.066	-.255	-.762	260	267	-.607	.066	-.400	-.857
260	161	-.705	.083	-.486	-1.176	260	218	-.384	.050	-.223	-.669	260	268	-.615	.065	-.394	-.871
260	162	-.694	.076	-.490	-1.021	260	219	-.447	.056	-.291	-.727	260	269	-.626	.072	-.420	-.888
260	163	-.690	.079	-.437	-1.003	260	220	-.448	.054	-.298	-.731	260	270	-.629	.073	-.423	-.934
260	164	-.682	.075	-.426	-.982	260	221	-.468	.056	-.279	-.691	260	271	-.638	.076	-.380	-1.067
260	165	-.686	.082	-.388	-1.041	260	222	-.458	.058	-.280	-.775	260	272	-.643	.078	-.332	-1.043
260	166	-.730	.100	-.445	-1.251	260	223	-.462	.070	-.250	-.796	260	273	-.626	.063	-.424	-.829
260	167	-.726	.096	-.417	-1.179	260	224	-.450	.059	-.234	-.677	260	274	-.625	.062	-.429	-.831
260	168	-.718	.092	-.411	-1.195	260	225	-.459	.062	-.206	-.825	260	275	-.637	.065	-.447	-.962
260	169	-.701	.102	-.386	-1.115	260	226	-.438	.051	-.275	-.644	260	276	-.656	.071	-.464	-1.190
260	170	-.698	.090	-.412	-1.051	260	227	-.443	.050	-.299	-.653	260	277	-.676	.075	-.494	-1.364
260	171	-.697	.086	-.385	-1.055	260	228	-.450	.048	-.313	-.650	260	278	-.673	.074	-.404	-1.132
260	172	-.693	.083	-.394	-1.034	260	229	-.458	.053	-.321	-.708	260	279	-.673	.077	-.409	-1.181
260	173	-.684	.103	-.411	-1.618	260	230	-.456	.054	-.312	-.730	260	280	-.625	.067	-.373	-.967
260	174	-.684	.089	-.456	-1.391	260	231	-.458	.063	-.193	-.779	260	281	-.626	.069	-.432	-.882
260	175	-.692	.088	-.457	-1.253	260	232	-.461	.069	-.224	-.778	260	282	-.624	.065	-.432	-.846
260	176	-.698	.113	-.422	-1.347	260	233	-.450	.051	-.248	-.630	260	283	-.645	.068	-.450	-.934
260	177	-.664	.104	-.391	-1.271	260	234	-.452	.050	-.275	-.619	260	284	-.653	.067	-.451	-.999
260	178	-.635	.097	-.389	-1.073	260	235	-.465	.049	-.306	-.633	260	285	-.657	.074	-.476	-1.098
260	179	-.630	.093	-.411	-1.046	260	236	-.473	.048	-.303	-.630	260	286	-.654	.074	-.464	-1.081
260	180	-.660	.096	-.447	-1.422	260	237	-.480	.052	-.330	-.764	260	287	-.487	.055	-.331	-.691
260	181	-.657	.091	-.456	-1.469	260	238	-.478	.059	-.252	-.745	260	288	-.711	.078	-.491	-1.070
260	182	-.652	.082	-.397	-.999	260	239	-.487	.070	-.193	-.840	260	289	-.633	.074	-.427	-1.021
260	183	-.644	.091	-.383	-1.157	260	240	-.482	.050	-.266	-.637	260	290	-.630	.071	-.449	-1.036
260	184	-.614	.102	-.326	-1.140	260	241	-.485	.053	-.282	-.645	260	291	-.638	.080	-.352	-1.007
260	185	-.602	.095	-.280	-1.067	260	242	-.493	.050	-.319	-.659	260	292	-.621	.104	-.238	-1.336
260	186	-.590	.089	-.292	-1.023	260	243	-.506	.054	-.306	-.697	260	293	-.578	.131	-.076	-1.190
260	187	-.570	.119	-.141	-1.298	260	244	-.505	.062	-.295	-.765	260	301	-.330	.048	-.148	-.550
260	188	-.594	.086	-.344	-1.143	260	245	-.520	.071	-.228	-.934	260	302	.093	.083	.306	-.345
260	189	-.637	.086	-.358	-1.077	260	246	-.514	.054	-.300	-.683	260	303	-.046	.063	.157	-.394
260	190	-.625	.090	-.399	-1.083	260	247	-.518	.054	-.306	-.690	260	304	-.331	.040	-.190	-.537
260	191	-.639	.098	-.383	-1.104	260	248	-.523	.053	-.310	-.709	260	305	.202	.140	.658	-.341
260	192	-.673	.098	-.387	-1.196	260	249	-.523	.051	-.340	-.847	260	306	-.372	.047	-.228	-.601
260	193	-.873	.148	-.476	-1.449	260	250	-.526	.054	-.342	-.740	260	307	-.127	.090	.138	-.592
260	201	-.463	.052	-.272	-.708	260	251	-.538	.064	-.286	-.843	260	308	.006	.109	.397	-.411
260	202	-.474	.050	-.312	-.698	260	252	-.546	.068	-.224	-.815	260	309	-.005	.086	.251	-.343
260	203	-.480	.051	-.313	-.734	260	253	-.533	.051	-.379	-.735	260	310	-.189	.102	.102	-.565
260	204	-.485	.051	-.313	-.731	260	254	-.533	.050	-.386	-.728	260	311	-.616	.106	-.278	-.982
260	205	-.470	.058	-.306	-.973	260	255	-.540	.051	-.397	-.865	260	312	.405	.151	.823	-.453
260	206	-.494	.053	-.334	-.825	260	256	-.551	.051	-.406	-.783	260	313	.125	.110	.496	-.247
260	207	-.500	.070	-.296	-1.007	260	257	-.579	.067	-.357	-.883	260	314	-.133	.090	.117	-.651
260	208	-.509	.066	-.342	-.822	260	258	-.594	.071	-.386	-.894	260	315	-.348	.049	-.190	-.580
260	209	-.508	.071	-.335	-.847	260	259	-.560	.060	-.373	-.752	260	316	.083	.131	.699	-.289
260	210	-.495	.058	-.305	-.775	260	260	-.560	.059	-.386	-.743	260	317	.094	.146	.581	-.430
260	211	-.494	.056	-.333	-.737	260	261	-.568	.057	-.377	-.798	260	318	-.299	.056	-.103	-.488

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	319	.563	.194	1.144	-.421	260	369	-.018	.088	.313	-.339	260	425	.618	.162	1.053	-.153
260	320	.487	.147	.991	-.206	260	370	-.142	.068	.164	-.369	260	426	-.284	.052	-.037	-.464
260	321	.246	.097	.552	-.148	260	371	-.362	.053	-.147	-.568	260	427	-.122	.063	.181	-.309
260	322	.113	.084	.416	-.199	260	372	-.488	.053	-.301	-.705	260	428	.137	.086	.464	-.119
260	323	.073	.079	.367	-.192	260	373	-.027	.167	.613	-.616	260	429	.290	.191	.576	-.131
260	324	-.105	.059	.134	-.299	260	374	-.001	.163	.558	-.542	260	430	.445	.116	.757	-.062
260	325	-.267	.050	-.080	-.409	260	375	.052	.111	.431	-.507	260	431	.617	.146	.988	-.422
260	326	.574	.204	1.040	-.381	260	376	.025	.083	.362	-.384	260	432	.662	.165	1.067	-.336
260	327	.545	.166	.949	-.252	260	377	-.072	.070	.188	-.287	260	433	-.291	.049	-.044	-.486
260	328	.401	.122	.728	.058	260	378	-.422	.057	-.161	-.774	260	434	-.143	.053	.089	-.353
260	329	.273	.103	.585	-.101	260	379	-.526	.057	-.310	-.838	260	435	.139	.079	.420	-.130
260	330	.118	.080	.370	-.170	260	380	.038	.150	.528	-.757	260	436	.318	.098	.615	-.009
260	331	-.141	.054	.029	-.366	260	381	.051	.155	.577	-.826	260	437	.474	.120	.852	.063
260	332	-.291	.043	-.154	-.472	260	382	.107	.114	.578	-.362	260	438	.617	.143	1.065	-.088
260	333	.576	.196	1.044	-.301	260	383	.094	.097	.487	-.157	260	439	.647	.163	1.128	-.168
260	334	.563	.152	.989	-.297	260	384	-.024	.083	.364	-.258	260	440	-.333	.050	-.119	-.471
260	335	.434	.114	.833	.076	260	385	-.475	.068	-.285	-.763	260	441	-.179	.057	.088	-.367
260	336	.284	.094	.602	-.026	260	386	-.541	.068	-.349	-.839	260	442	.104	.077	.413	-.108
260	337	.111	.080	.477	-.120	260	387	-.039	.096	.381	-.484	260	443	.453	.120	.839	.136
260	338	-.176	.050	.088	-.328	260	388	-.015	.068	.312	-.213	260	444	.590	.144	1.090	.031
260	339	-.349	.045	-.145	-.497	260	389	-.137	.056	.137	-.290	260	445	.625	.166	1.110	-.078
260	340	.537	.208	1.060	-.301	260	390	-.331	.043	-.163	-.512	260	446	-.360	.046	-.161	-.507
260	341	.512	.168	1.018	-.470	260	391	-.251	.113	.177	-.595	260	447	-.227	.049	-.040	-.372
260	342	.393	.122	.750	-.034	260	392	-.133	.042	.048	-.265	260	448	.050	.070	.386	-.142
260	343	.074	.078	.338	-.209	260	393	-.143	.046	.089	-.270	260	449	.261	.098	.638	-.001
260	344	-.196	.050	-.016	-.373	260	394	-.568	.057	-.334	-.789	260	450	.424	.118	.818	.099
260	345	-.362	.044	-.172	-.517	260	401	-.337	.047	-.188	-.529	260	451	.557	.146	1.013	-.103
260	346	.440	.207	.992	-.326	260	402	-.316	.042	-.186	-.505	260	452	.581	.159	1.055	-.180
260	347	.441	.172	.966	-.311	260	403	-.040	.063	.138	-.286	260	453	-.409	.054	-.218	-.648
260	348	.338	.116	.763	.015	260	404	.116	.077	.298	-.265	260	454	-.270	.055	-.012	-.495
260	349	.206	.107	.531	-.132	260	405	-.352	.046	-.213	-.519	260	455	.009	.078	.445	-.254
260	350	.031	.081	.289	-.218	260	406	.160	.142	.658	-.363	260	456	.375	.123	.924	.084
260	351	-.229	.054	-.002	-.418	260	407	-.555	.082	-.311	-.919	260	457	.482	.142	.991	-.143
260	352	-.372	.046	-.168	-.534	260	408	-.114	.102	.117	-.509	260	458	.494	.154	1.025	-.176
260	353	.321	.234	1.011	-.564	260	409	.031	.089	.317	-.292	260	459	-.581	.083	-.261	-.892
260	354	.336	.194	.980	-.527	260	410	-.041	.098	.340	-.361	260	460	-.350	.074	-.034	-.577
260	355	.259	.120	.799	-.140	260	411	-.139	.079	.138	-.439	260	461	-.015	.087	.434	-.322
260	356	-.022	.076	.321	-.287	260	412	-.294	.056	-.097	-.537	260	462	.186	.101	.590	-.057
260	357	-.264	.052	-.014	-.428	260	413	-.116	.087	.165	-.583	260	463	.327	.122	.779	.033
260	358	-.427	.045	-.252	-.603	260	414	.200	.105	.565	-.163	260	464	.420	.139	1.004	-.283
260	359	.157	.289	1.061	-.842	260	415	.437	.145	.947	-.226	260	465	.431	.148	.879	-.073
260	360	.190	.243	.918	-.845	260	416	-.262	.064	-.064	-.557	260	466	-.463	.084	.031	-.715
260	361	.159	.122	.604	-.682	260	417	.114	.150	.896	-.404	260	467	-.266	.093	.312	-.535
260	362	.057	.092	.437	-.194	260	418	.098	.137	.856	-.305	260	468	-.001	.099	.383	-.303
260	363	-.082	.076	.276	-.273	260	419	-.258	.054	.010	-.429	260	469	.151	.118	.610	-.111
260	364	-.316	.055	-.045	-.496	260	420	-.087	.064	.265	-.293	260	470	.259	.128	.759	-.014
260	365	-.484	.055	-.313	-.663	260	421	.052	.083	.327	-.230	260	471	.318	.137	.877	-.254
260	366	.007	.261	.698	-.802	260	422	.100	.085	.368	-.199	260	472	.299	.138	.813	-.270
260	367	.035	.254	.652	-1.006	260	423	.248	.096	.556	-.080	260	473	-.515	.082	-.200	-.803
260	368	.076	.118	.490	-.624	260	424	.522	.132	.926	-.029	260	474	-.329	.079	-.016	-.658

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	475	-.040	.084	.276	-.287	270	109	-.529	.065	-.328	-.940	270	159	-.677	.090	-.463	-1.168
260	476	.117	.098	.543	-.140	270	110	-.496	.055	-.307	-.702	270	160	-.671	.083	-.457	-1.136
260	477	.189	.098	.645	-.051	270	111	-.506	.058	-.302	-.730	270	161	-.672	.087	-.443	-1.155
260	478	.176	.094	.558	-.307	270	112	-.498	.058	-.289	-.724	270	162	-.663	.079	-.423	-.991
260	479	.139	.099	.603	-.330	270	113	-.523	.078	-.309	-.979	270	163	-.661	.081	-.404	-.960
260	480	-.459	.078	-.118	-.799	270	114	-.471	.056	-.302	-.662	270	164	-.654	.076	-.412	-.929
260	481	-.281	.070	-.009	-.509	270	115	-.473	.058	-.270	-.676	270	165	-.656	.085	-.394	-.972
260	482	-.002	.093	.359	-.272	270	116	-.457	.059	-.252	-.667	270	166	-.690	.109	-.423	-1.515
260	483	.162	.105	.585	-.105	270	117	-.684	.082	-.441	-1.001	270	167	-.684	.105	-.391	-1.539
260	484	.230	.109	.704	-.035	270	118	-.767	.095	-.341	-1.006	270	168	-.674	.096	-.390	-1.122
260	485	.195	.093	.602	-.112	270	119	-.498	.067	-.302	-.874	270	169	-.669	.106	-.228	-1.265
260	486	.149	.092	.573	-.156	270	120	-.488	.060	-.313	-.739	270	170	-.668	.094	-.272	-1.339
260	487	-.553	.104	-.194	-1.028	270	121	-.497	.066	-.324	-.932	270	171	-.668	.089	-.329	-1.220
260	488	-.125	.096	.307	-.422	270	122	-.486	.060	-.319	-.961	270	172	-.664	.086	-.348	-1.186
260	489	.058	.129	.642	-.225	270	123	-.493	.055	-.347	-.812	270	173	-.616	.098	-.366	-1.234
260	490	.177	.122	.762	-.106	270	124	-.465	.056	-.304	-.793	270	174	-.612	.102	-.323	-1.552
260	491	.218	.123	.767	-.083	270	125	-.477	.059	-.289	-.707	270	175	-.624	.091	-.366	-1.115
260	492	.137	.085	.591	-.120	270	126	-.518	.075	-.287	-1.085	270	176	-.647	.121	-.315	-1.167
260	493	.082	.065	.459	-.127	270	127	-.512	.070	-.307	-.990	270	177	-.625	.128	-.312	-1.330
260	801	-.473	.057	-.295	-.692	270	128	-.500	.056	-.333	-.716	270	178	-.603	.106	-.293	-1.325
260	802	-.481	.064	-.304	-.716	270	129	-.482	.059	-.311	-.744	270	179	-.599	.103	-.309	-1.276
260	803	-.374	.081	-.024	-.642	270	130	-.471	.057	-.307	-.737	270	180	-.599	.094	-.315	-1.221
260	804	.148	.118	.490	-.262	270	131	-.464	.059	-.290	-.720	270	181	-.593	.085	-.297	-1.286
260	805	-.310	.071	-.095	-.638	270	132	-.458	.059	-.279	-.714	270	182	-.582	.082	-.301	-.946
260	806	.153	.130	.495	-.292	270	133	-.539	.085	-.272	-1.214	270	183	-.586	.092	-.307	-.971
260	807	-.543	.073	-.351	-.892	270	134	-.529	.073	-.307	-1.033	270	184	-.570	.109	-.283	-1.214
260	808	-.018	.080	.238	-.353	270	135	-.514	.058	-.314	-.812	270	185	-.560	.100	-.277	-1.103
260	809	-.485	.065	-.302	-.879	270	136	-.498	.054	-.311	-.870	270	186	-.566	.111	-.288	-1.208
260	810	-.064	.085	.242	-.406	270	137	-.480	.046	-.316	-.659	270	187	-.491	.121	-.118	-1.344
260	811	.077	.126	.484	-.400	270	138	-.476	.046	-.321	-.640	270	188	-.495	.097	-.142	-1.046
260	812	.115	.112	.491	-.266	270	139	-.469	.047	-.312	-.648	270	189	-.531	.101	-.238	-1.024
260	813	-.500	.062	-.302	-.747	270	140	-.560	.074	-.299	-1.080	270	190	-.547	.084	-.313	-.878
260	814	-.132	.043	.046	-.265	270	141	-.559	.071	-.355	-.942	270	191	-.568	.092	-.255	-.938
260	815	-.162	.098	.231	-.721	270	142	-.541	.056	-.374	-.767	270	192	-.583	.089	-.310	-1.021
260	901	-.281	.085	.130	-.578	270	143	-.517	.053	-.334	-.718	270	193	-.766	.139	-.391	-1.296
260	902	-.642	.086	-.371	-1.203	270	144	-.507	.054	-.336	-.719	270	201	-.444	.070	-.181	-.861
260	903	-.643	.067	-.417	-.952	270	145	-.501	.055	-.299	-.678	270	202	-.452	.071	-.237	-.834
260	904	.211	.127	.904	-.087	270	146	-.612	.073	-.374	-1.045	270	203	-.454	.071	-.256	-.837
260	905	-.629	.068	-.439	-.949	270	147	-.608	.070	-.374	-1.002	270	204	-.461	.072	-.287	-.900
260	906	.122	.078	.479	-.113	270	148	-.587	.055	-.390	-.837	270	205	-.446	.075	-.237	-.982
260	907	.104	.114	.588	-.238	270	149	-.568	.057	-.394	-.818	270	206	-.475	.074	-.271	-.962
260	908	-.417	.055	-.205	-.617	270	150	-.555	.056	-.389	-.744	270	207	-.506	.108	-.221	-1.342
270	101	-.486	.052	-.314	-.688	270	151	-.548	.058	-.347	-.740	270	208	-.507	.095	-.272	-1.003
270	102	-.503	.052	-.339	-.685	270	152	-.544	.057	-.336	-.736	270	209	-.496	.088	-.307	-1.210
270	103	-.499	.051	-.349	-.681	270	153	-.659	.086	-.399	-1.118	270	210	-.473	.076	-.276	-.975
270	104	-.489	.050	-.326	-.677	270	154	-.655	.083	-.438	-1.152	270	211	-.470	.073	-.231	-.945
270	105	-.515	.058	-.338	-.793	270	155	-.637	.071	-.438	-.985	270	212	-.407	.061	-.201	-.640
270	106	-.494	.061	-.312	-.861	270	156	-.604	.061	-.410	-.818	270	213	-.420	.068	-.203	-.824
270	107	-.517	.060	-.352	-.780	270	157	-.607	.059	-.421	-.840	270	214	-.474	.084	-.219	-1.012
270	108	-.520	.060	-.331	-.862	270	158	-.603	.058	-.418	-.819	270	215	-.453	.075	-.212	-.903

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	216	-.639	.097	-.326	-1.123	270	266	-.541	.074	-.138	-.777	270	323	-.012	.067	.189	-.382
270	217	-.441	.075	-.215	-.822	270	267	-.546	.075	-.136	-.785	270	324	-.169	.051	.003	-.366
270	218	-.374	.058	-.207	-.624	270	268	-.557	.073	-.235	-.782	270	325	-.287	.051	-.127	-.549
270	219	-.413	.065	-.185	-.678	270	269	-.560	.076	-.334	-.895	270	326	.153	.220	.774	-.750
270	220	-.415	.064	-.194	-.677	270	270	-.570	.077	-.343	-.992	270	327	.208	.239	.778	-.881
270	221	-.443	.066	-.225	-.790	270	271	-.591	.090	-.334	-1.134	270	328	.260	.095	.522	-.208
270	222	-.431	.069	-.229	-.812	270	272	-.601	.094	-.351	-1.263	270	329	.143	.078	.426	-.265
270	223	-.416	.069	-.207	-.793	270	273	-.561	.076	-.372	-.953	270	330	.014	.061	.242	-.243
270	224	-.430	.069	-.243	-.905	270	274	-.562	.076	-.379	-.946	270	331	-.191	.049	-.006	-.405
270	225	-.439	.076	-.196	-.783	270	275	-.577	.085	-.384	-1.100	270	332	-.303	.051	-.118	-.542
270	226	-.409	.062	-.234	-.765	270	276	-.595	.093	-.371	-1.506	270	333	.161	.261	.921	-.804
270	227	-.414	.062	-.239	-.771	270	277	-.601	.081	-.386	-1.269	270	334	.212	.260	.832	-.729
270	228	-.421	.061	-.235	-.785	270	278	-.592	.084	-.192	-1.053	270	335	.268	.109	.648	-.436
270	229	-.425	.062	-.249	-.732	270	279	-.594	.091	-.157	-1.273	270	336	.143	.083	.455	-.162
270	230	-.421	.062	-.239	-.666	270	280	-.558	.073	-.364	-.873	270	337	-.001	.062	.245	-.256
270	231	-.427	.070	-.209	-.869	270	281	-.564	.079	-.310	-.907	270	338	-.224	.044	-.047	-.425
270	232	-.433	.074	-.177	-.907	270	282	-.569	.077	-.314	-.921	270	339	-.352	.048	-.180	-.593
270	233	-.414	.056	-.242	-.606	270	283	-.583	.075	-.352	-.878	270	340	.133	.238	.842	-1.041
270	234	-.416	.054	-.254	-.602	270	284	-.589	.076	-.389	-.972	270	341	.182	.254	.779	-1.185
270	235	-.426	.054	-.256	-.624	270	285	-.595	.081	-.389	-1.249	270	342	.239	.101	.573	-.253
270	236	-.430	.053	-.228	-.645	270	286	-.595	.081	-.374	-1.184	270	343	-.028	.058	.217	-.266
270	237	-.438	.057	-.268	-.720	270	287	-.458	.057	-.283	-.710	270	344	-.236	.042	-.088	-.380
270	238	-.440	.060	-.219	-.807	270	288	-.647	.083	-.408	-1.044	270	345	-.358	.046	-.187	-.529
270	239	-.453	.069	-.194	-.925	270	289	-.578	.079	-.320	-.924	270	346	.096	.231	.774	-.974
270	240	-.441	.056	-.233	-.603	270	290	-.575	.077	-.369	-.901	270	347	.155	.243	.711	-1.118
270	241	-.438	.056	-.254	-.611	270	291	-.565	.089	-.308	-1.063	270	348	.207	.101	.511	-.350
270	242	-.446	.054	-.279	-.609	270	292	-.522	.134	.039	-1.414	270	349	.101	.079	.373	-.242
270	243	-.455	.061	-.163	-.678	270	293	-.481	.141	-.054	-1.193	270	350	-.046	.056	.156	-.269
270	244	-.460	.069	-.228	-.706	270	301	-.387	.070	-.162	-.692	270	351	-.254	.042	-.106	-.408
270	245	-.482	.078	-.130	-.863	270	302	-.076	.129	.296	-.624	270	352	-.362	.045	-.210	-.505
270	246	-.469	.056	-.222	-.639	270	303	-.076	.056	.107	-.436	270	353	.030	.231	.696	-1.010
270	247	-.473	.057	-.219	-.646	270	304	-.323	.049	-.162	-.514	270	354	.094	.235	.592	-.892
270	248	-.478	.055	-.250	-.672	270	305	.084	.143	.540	-.561	270	355	.165	.095	.465	-.473
270	249	-.481	.053	-.242	-.703	270	306	-.360	.057	-.187	-.635	270	356	-.079	.053	.123	-.261
270	250	-.484	.056	-.219	-.743	270	307	-.119	.100	.170	-.554	270	357	-.272	.045	-.019	-.451
270	251	-.500	.066	-.241	-.866	270	308	-.030	.087	.272	-.563	270	358	-.392	.050	-.187	-.614
270	252	-.512	.071	-.164	-.826	270	309	-.061	.076	.166	-.497	270	359	-.052	.258	.692	-1.020
270	253	-.485	.053	-.295	-.744	270	310	-.162	.072	.041	-.465	270	360	.025	.238	.571	-.980
270	254	-.486	.052	-.308	-.743	270	311	-.606	.169	-.266	-1.055	270	361	.087	.105	.566	-.471
270	255	-.494	.052	-.310	-.744	270	312	.066	.203	.615	-.934	270	362	.004	.072	.277	-.248
270	256	-.511	.058	-.255	-.770	270	313	.047	.086	.336	-.377	270	363	-.116	.057	.096	-.289
270	257	-.523	.072	-.213	-.798	270	314	-.316	.138	.002	-.983	270	364	-.306	.047	-.148	-.477
270	258	-.545	.078	-.286	-.920	270	315	-.357	.057	-.185	-.607	270	365	-.435	.054	-.276	-.623
270	259	-.497	.061	-.273	-.697	270	316	-.002	.079	.237	-.292	270	366	-.085	.235	.681	-1.044
270	260	-.498	.060	-.287	-.701	270	317	-.097	.101	.274	-.653	270	367	-.037	.234	.620	-1.129
270	261	-.505	.060	-.336	-.766	270	318	-.311	.060	-.106	-.565	270	368	.028	.100	.374	-.477
270	262	-.513	.060	-.316	-.775	270	319	.130	.232	.869	-1.023	270	369	-.029	.077	.256	-.368
270	263	-.530	.068	-.329	-.925	270	320	.213	.210	.650	-.667	270	370	-.141	.058	.111	-.325
270	264	-.557	.073	-.248	-.868	270	321	.146	.093	.440	-.402	270	371	-.332	.052	-.134	-.521
270	265	-.593	.090	-.317	-.994	270	322	.033	.075	.265	-.374	270	372	-.440	.058	-.238	-.637

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	373	-.078	.152	.519	-.732	270	429	.433	.120	.804	.010	270	479	.116	.112	.789	-.297
270	374	-.042	.154	.460	-.774	270	430	.587	.128	1.011	.166	270	480	-.397	.080	-.061	-.903
270	375	.017	.103	.370	-.445	270	431	.720	.143	1.210	.235	270	481	-.206	.072	.125	-.465
270	376	.014	.080	.367	-.310	270	432	.708	.142	1.126	.170	270	482	.054	.098	.518	-.215
270	377	-.079	.064	.253	-.357	270	433	-.210	.065	.093	-.506	270	483	.199	.115	.640	-.093
270	378	-.405	.060	-.219	-.658	270	434	-.043	.070	.280	-.317	270	484	.253	.121	.788	-.031
270	379	-.490	.063	-.253	-.710	270	435	.253	.100	.652	-.086	270	485	.200	.103	.657	-.176
270	380	.004	.154	.440	-.711	270	436	.451	.119	.842	.007	270	486	.135	.099	.560	-.222
270	381	.018	.156	.441	-.712	270	437	.594	.139	1.007	.117	270	487	-.461	.097	-.158	-.849
270	382	.086	.107	.544	-.352	270	438	.696	.149	1.103	.200	270	488	-.126	.079	.290	-.374
270	383	.075	.091	.432	-.193	270	439	.659	.154	1.079	.035	270	489	.010	.099	.501	-.265
270	384	-.032	.074	.399	-.252	270	440	-.256	.058	-.001	-.468	270	490	.143	.105	.645	-.090
270	385	-.455	.065	-.274	-.762	270	441	-.088	.072	.430	-.364	270	491	.161	.112	.678	-.093
270	386	-.504	.068	-.308	-.789	270	442	.205	.094	.655	-.120	270	492	.081	.087	.576	-.172
270	387	-.070	.094	.365	-.431	270	443	.545	.138	1.020	.038	270	493	.036	.069	.323	-.226
270	388	-.031	.064	.284	-.237	270	444	.635	.152	1.065	.118	270	801	-.465	.083	-.132	-1.020
270	389	-.148	.054	.064	-.329	270	445	.599	.185	1.323	-.653	270	802	-.501	.074	-.239	-.754
270	390	-.319	.045	-.155	-.525	270	446	-.263	.060	.076	-.498	270	803	-.267	.113	.079	-.815
270	391	-.251	.097	.227	-.557	270	447	-.123	.069	.319	-.328	270	804	.217	.121	.601	-.409
270	392	-.141	.045	.044	-.293	270	448	.156	.092	.662	-.070	270	805	-.371	.074	-.157	-.774
270	393	-.151	.048	.041	-.309	270	449	.356	.114	.751	.012	270	806	.311	.127	.647	-.395
270	394	-.525	.066	-.350	-.876	270	450	.509	.135	.916	.064	270	807	-.444	.078	-.212	-1.010
270	401	-.298	.053	-.117	-.513	270	451	.602	.156	1.079	.092	270	808	.066	.117	.455	-.381
270	402	-.250	.052	-.061	-.463	270	452	.575	.158	1.032	.044	270	809	-.438	.078	-.196	-.846
270	403	.029	.076	.257	-.394	270	453	-.319	.058	-.081	-.530	270	810	-.089	.079	.161	-.419
270	404	.085	.084	.331	-.243	270	454	-.170	.059	.106	-.361	270	811	-.091	.080	.206	-.431
270	405	-.301	.057	-.081	-.582	270	455	.113	.085	.519	-.150	270	812	.071	.102	.371	-.327
270	406	.132	.147	.620	-.349	270	456	.470	.129	.953	.123	270	813	-.462	.062	-.269	-.694
270	407	-.512	.096	-.219	-1.038	270	457	.526	.147	1.093	-.137	270	814	-.146	.042	.034	-.282
270	408	-.032	.107	.229	-.480	270	458	.494	.151	1.038	-.170	270	815	-.182	.095	.154	-.564
270	409	.156	.112	.455	-.611	270	459	-.511	.076	-.224	-.838	270	901	-.212	.096	.237	-.516
270	410	.066	.138	.625	-.590	270	460	-.279	.067	-.003	-.502	270	902	-.609	.110	-.294	-1.197
270	411	-.153	.097	.161	-.685	270	461	.060	.089	.465	-.215	270	903	-.587	.083	-.350	-.932
270	412	-.189	.067	.071	-.520	270	462	.261	.111	.688	-.053	270	904	.247	.135	.931	-.050
270	413	.029	.096	.389	-.743	270	463	.403	.134	.956	.003	270	905	-.574	.078	-.354	-.968
270	414	.328	.108	.665	-.100	270	464	.475	.143	1.050	.009	270	906	.133	.087	.568	-.133
270	415	.531	.140	.956	-.076	270	465	.445	.148	1.012	.037	270	907	.089	.098	.610	-.165
270	416	-.156	.070	.076	-.525	270	466	-.409	.074	-.110	-.685	270	908	-.391	.054	-.203	-.576
270	417	.338	.184	.819	-.438	270	467	-.218	.076	.144	-.486	280	101	-.480	.057	-.321	-.678
270	418	.422	.191	.931	-.230	270	468	.038	.089	.353	-.226	280	102	-.497	.059	-.339	-.724
270	419	-.170	.068	.211	-.493	270	469	.197	.116	.685	-.103	280	103	-.494	.056	-.329	-.807
270	420	.022	.088	.496	-.408	270	470	.300	.128	.750	-.071	280	104	-.486	.053	-.307	-.716
270	421	.173	.105	.606	-.208	270	471	.337	.142	.936	-.014	280	105	-.505	.070	-.307	-.890
270	422	.225	.109	.571	-.195	270	472	.298	.140	.887	-.114	280	106	-.483	.065	-.288	-.884
270	423	.371	.119	.689	-.147	270	473	-.475	.085	-.169	-.915	280	107	-.509	.073	-.300	-.888
270	424	.643	.146	1.023	.029	270	474	-.276	.072	.088	-.538	280	108	-.515	.074	-.321	-.931
270	425	.699	.155	1.188	-.125	270	475	-.005	.079	.424	-.267	280	109	-.518	.070	-.309	-.970
270	426	-.200	.059	.128	-.466	270	476	.129	.096	.675	-.123	280	110	-.490	.059	-.320	-.869
270	427	-.015	.077	.467	-.342	270	477	.175	.100	.677	-.048	280	111	-.500	.062	-.278	-.915
270	428	.267	.106	.709	-.193	270	478	.170	.110	.929	-.134	280	112	-.490	.065	-.275	-.797

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	113	-.523	.081	-.295	-.907	280	163	-.627	.086	-.376	-.968	280	220	-.352	.069	-.133	-.683
280	114	-.481	.063	-.278	-.751	280	164	-.619	.081	-.380	-.945	280	221	-.380	.072	-.113	-.722
280	115	-.484	.065	-.280	-.781	280	165	-.620	.085	-.372	-.977	280	222	-.364	.075	-.119	-.864
280	116	-.516	.069	-.302	-.777	280	166	-.687	.141	-.366	-1.519	280	223	-.357	.068	-.169	-.722
280	117	-.726	.105	-.430	-1.056	280	167	-.678	.137	-.315	-1.459	280	224	-.370	.074	-.164	-.779
280	118	-.661	.106	-.283	-.987	280	168	-.662	.121	-.360	-1.340	280	225	-.386	.086	-.084	-.776
280	119	-.497	.075	-.266	-.890	280	169	-.664	.122	-.266	-1.343	280	226	-.349	.066	-.138	-.600
280	120	-.483	.066	-.287	-.816	280	170	-.662	.100	-.310	-1.107	280	227	-.353	.067	-.140	-.604
280	121	-.496	.067	-.268	-.801	280	171	-.662	.095	-.315	-1.068	280	228	-.358	.066	-.149	-.615
280	122	-.482	.059	-.295	-.739	280	172	-.659	.092	-.319	-1.045	280	229	-.361	.065	-.165	-.667
280	123	-.488	.054	-.310	-.724	280	173	-.448	.111	-.126	-1.405	280	230	-.360	.064	-.187	-.675
280	124	-.465	.054	-.297	-.702	280	174	-.427	.094	-.136	-1.089	280	231	-.377	.072	-.172	-.739
280	125	-.475	.067	-.285	-.753	280	175	-.438	.094	-.133	-.814	280	232	-.391	.079	-.193	-.830
280	126	-.527	.087	-.315	-.955	280	176	-.540	.121	-.149	-1.090	280	233	-.350	.058	-.144	-.552
280	127	-.520	.084	-.305	-1.003	280	177	-.678	.186	-.136	-1.635	280	234	-.352	.056	-.150	-.546
280	128	-.498	.065	-.307	-.814	280	178	-.660	.176	-.237	-1.839	280	235	-.361	.057	-.198	-.577
280	129	-.481	.054	-.333	-.666	280	179	-.650	.167	-.256	-1.734	280	236	-.364	.056	-.205	-.589
280	130	-.470	.052	-.315	-.653	280	180	-.386	.090	-.146	-1.016	280	237	-.364	.062	-.153	-.583
280	131	-.463	.054	-.285	-.661	280	181	-.381	.077	-.153	-.931	280	238	-.380	.073	-.124	-.687
280	132	-.457	.053	-.270	-.653	280	182	-.416	.088	-.140	-.772	280	239	-.408	.093	-.160	-.792
280	133	-.548	.093	-.309	-1.102	280	183	-.454	.110	-.157	-.962	280	240	-.353	.057	-.154	-.596
280	134	-.536	.082	-.334	-1.036	280	184	-.593	.180	-.191	-1.417	280	241	-.354	.054	-.163	-.686
280	135	-.515	.064	-.302	-.776	280	185	-.632	.186	-.150	-1.699	280	242	-.360	.053	-.167	-.665
280	136	-.497	.057	-.292	-.750	280	186	-.638	.181	-.174	-1.493	280	243	-.370	.060	-.189	-.695
280	137	-.474	.056	-.326	-.685	280	187	-.291	.092	-.067	-.791	280	244	-.388	.080	-.164	-.864
280	138	-.464	.054	-.317	-.680	280	188	-.282	.067	-.009	-.584	280	245	-.424	.110	-.017	-.953
280	139	-.462	.056	-.310	-.693	280	189	-.295	.070	-.038	-.615	280	246	-.366	.060	-.104	-.597
280	140	-.561	.094	-.312	-1.525	280	190	-.382	.067	-.182	-.692	280	247	-.370	.061	-.133	-.606
280	141	-.548	.101	-.258	-1.763	280	191	-.433	.076	-.194	-.743	280	248	-.377	.060	-.176	-.615
280	142	-.524	.069	-.290	-1.117	280	192	-.425	.075	-.185	-.733	280	249	-.389	.061	-.206	-.626
280	143	-.495	.050	-.356	-.705	280	193	-.493	.112	-.207	-1.060	280	250	-.384	.066	-.206	-.685
280	144	-.485	.056	-.258	-.677	280	201	-.403	.085	-.168	-.843	280	251	-.413	.091	-.107	-.968
280	145	-.498	.060	-.283	-.762	280	202	-.403	.075	-.170	-.767	280	252	-.442	.111	-.135	-.970
280	146	-.611	.120	-.349	-2.250	280	203	-.409	.081	-.179	-.857	280	253	-.367	.062	-.134	-.764
280	147	-.606	.114	-.285	-1.998	280	204	-.423	.087	-.195	-.881	280	254	-.369	.060	-.163	-.711
280	148	-.580	.077	-.368	-1.479	280	205	-.424	.113	-.146	-1.154	280	255	-.380	.063	-.189	-.650
280	149	-.561	.068	-.362	-.820	280	206	-.436	.101	-.133	-.913	280	256	-.404	.074	-.147	-.688
280	150	-.549	.064	-.374	-.778	280	207	-.549	.196	-.179	-1.506	280	257	-.457	.095	-.156	-.846
280	151	-.545	.065	-.361	-.781	280	208	-.479	.123	-.183	-.924	280	258	-.492	.112	-.194	-1.034
280	152	-.540	.063	-.360	-.775	280	209	-.486	.137	-.153	-1.390	280	259	-.390	.072	-.155	-.710
280	153	-.644	.105	-.415	-1.529	280	210	-.449	.118	-.182	-1.129	280	260	-.393	.070	-.154	-.748
280	154	-.641	.101	-.428	-1.478	280	211	-.443	.110	-.169	-1.050	280	261	-.399	.081	-.208	-1.070
280	155	-.624	.082	-.405	-1.117	280	212	-.339	.073	-.089	-.704	280	262	-.412	.073	-.124	-.874
280	156	-.594	.068	-.394	-.875	280	213	-.352	.067	-.106	-.631	280	263	-.444	.085	-.174	-.864
280	157	-.577	.064	-.408	-.808	280	214	-.412	.095	-.189	-.901	280	264	-.492	.100	-.198	-.931
280	158	-.574	.062	-.369	-.796	280	215	-.397	.086	-.160	-.946	280	265	-.540	.118	-.242	-1.018
280	159	-.661	.115	-.371	-1.427	280	216	-.537	.117	-.188	-1.062	280	266	-.364	.082	-.063	-.762
280	160	-.655	.108	-.387	-1.294	280	217	-.407	.107	-.137	-1.063	280	267	-.375	.085	-.092	-.843
280	161	-.641	.096	-.340	-1.112	280	218	-.349	.075	-.153	-.835	280	268	-.398	.086	-.174	-.943
280	162	-.632	.087	-.383	-.972	280	219	-.352	.070	-.136	-.679	280	269	-.410	.084	-.184	-.827

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	270	-.463	.109	-.160	-.998	280	327	-.193	.281	.663	-1.615	280	377	-.102	.057	.126	-.317
280	271	-.507	.118	-.061	-1.197	280	328	.079	.153	.403	-.976	280	378	-.301	.052	-.071	-.660
280	272	-.510	.113	-.147	-.977	280	329	.019	.095	.245	-.491	280	379	-.356	.063	-.143	-.894
280	273	-.400	.076	-.165	-1.096	280	330	.069	.064	.161	-.385	280	380	-.074	.106	.423	-.535
280	274	-.404	.076	-.197	-1.146	280	331	-.209	.049	-.031	-.450	280	381	-.067	.108	.423	-.548
280	275	-.429	.082	-.229	-.838	280	332	-.283	.051	-.081	-.529	280	382	-.014	.083	.384	-.339
280	276	-.438	.087	-.136	-.935	280	333	-.224	.281	.977	-1.397	280	383	-.017	.074	.344	-.202
280	277	-.399	.086	.010	-.779	280	334	-.157	.289	.779	-1.383	280	384	-.080	.062	.256	-.252
280	278	-.448	.156	-.019	-1.508	280	335	.039	.192	.494	-1.101	280	385	-.348	.055	-.189	-.770
280	279	-.460	.156	-.007	-1.549	280	336	-.002	.108	.251	-.759	280	386	-.378	.064	-.210	-.992
280	280	-.416	.085	-.180	-1.094	280	337	-.087	.076	.106	-.565	280	387	-.066	.070	.293	-.302
280	281	-.419	.085	-.208	-.971	280	338	-.223	.046	-.076	-.524	280	388	-.051	.058	.244	-.211
280	282	-.424	.078	-.226	-.907	280	339	-.301	.050	-.113	-.551	280	389	-.123	.048	.091	-.293
280	283	-.430	.081	-.134	-.804	280	340	-.189	.286	.647	-1.333	280	390	-.245	.039	-.083	-.383
280	284	-.408	.073	-.182	-.764	280	341	-.105	.330	.813	-1.300	280	391	-.186	.070	.187	-.400
280	285	-.407	.112	-.138	-1.876	280	342	.026	.190	.470	-.783	280	392	-.136	.037	.051	-.261
280	286	-.419	.134	-.138	-2.012	280	343	-.098	.077	.116	-.468	280	393	-.147	.040	.044	-.278
280	287	-.337	.059	-.115	-.638	280	344	-.224	.047	-.015	-.574	280	394	-.398	.074	-.193	-.723
280	288	-.477	.107	-.187	-1.430	280	345	-.298	.050	-.104	-.535	280	401	-.254	.069	.046	-.699
280	289	-.450	.113	-.107	-1.239	280	346	-.154	.267	.629	-1.240	280	402	-.172	.076	.231	-.657
280	290	-.427	.100	-.096	-.927	280	347	-.079	.288	.575	-1.241	280	403	.107	.126	.509	-.752
280	291	-.336	.119	.164	-1.033	280	348	.018	.160	.398	-.725	280	404	.039	.108	.381	-.581
280	292	-.266	.106	.021	-1.009	280	349	-.025	.111	.297	-.533	280	405	-.229	.103	.135	-.789
280	293	-.291	.120	.058	-1.002	280	350	-.107	.071	.106	-.446	280	406	-.223	.202	.777	-.659
280	301	-.411	.088	-.070	-.867	280	351	-.228	.048	-.042	-.465	280	407	-.464	.166	.223	-1.444
280	302	-.345	.151	.240	-1.079	280	352	-.290	.047	-.113	-.492	280	408	.050	.166	.510	-.703
280	303	-.119	.080	.073	-.782	280	353	-.166	.294	.708	-1.504	280	409	.234	.193	.823	-.477
280	304	-.301	.058	-.122	-.569	280	354	-.077	.282	.597	-1.272	280	410	.222	.213	.859	-.809
280	305	-.251	.262	.435	-1.397	280	355	.024	.144	.433	-.870	280	411	-.251	.143	.712	-.958
280	306	-.324	.066	-.108	-.649	280	356	-.106	.065	.093	-.370	280	412	-.105	.127	.351	-.635
280	307	-.204	.148	.428	-1.753	280	357	-.227	.049	-.061	-.408	280	413	.089	.191	.653	-.852
280	308	-.069	.104	.263	-.958	280	358	-.301	.049	-.133	-.496	280	414	.363	.179	.819	-.445
280	309	-.092	.077	.120	-.509	280	359	-.144	.269	.661	-1.472	280	415	.465	.216	1.022	-.572
280	310	-.144	.072	.129	-.519	280	360	-.034	.224	.556	-1.232	280	416	-.111	.115	.258	-.659
280	311	-.501	.124	-.095	-1.002	280	361	.032	.109	.393	-.603	280	417	.421	.255	1.077	-.709
280	312	-.297	.234	.464	-1.659	280	362	-.022	.075	.234	-.303	280	418	.453	.238	1.016	-.430
280	313	-.080	.145	.292	-1.059	280	363	-.106	.060	.116	-.391	280	419	-.104	.110	.374	-.586
280	314	-.443	.155	.033	-.967	280	364	-.236	.045	-.081	-.427	280	420	.086	.141	.684	-.666
280	315	-.309	.065	-.081	-.669	280	365	-.330	.052	-.115	-.540	280	421	.237	.183	.743	-.438
280	316	-.113	.105	.183	-.888	280	366	-.116	.206	.638	-.963	280	422	.297	.187	.819	-.302
280	317	-.191	.085	.162	-.560	280	367	-.061	.195	.598	-.950	280	423	.406	.193	.975	-.220
280	318	-.314	.063	-.112	-.553	280	368	-.002	.088	.437	-.427	280	424	.605	.231	1.158	-.221
280	319	-.283	.250	.677	-1.696	280	369	-.050	.071	.241	-.354	280	425	.563	.244	1.188	-.748
280	320	-.195	.256	.559	-1.923	280	370	-.123	.053	.079	-.312	280	426	-.143	.088	.214	-.551
280	321	.042	.128	.294	-1.090	280	371	-.244	.049	-.045	-.470	280	427	.035	.115	.533	-.388
280	322	-.034	.080	.149	-.896	280	372	-.311	.054	-.104	-.569	280	428	.285	.152	.760	-.172
280	323	-.058	.066	.105	-.660	280	373	-.126	.114	.531	-.782	280	429	.398	.192	1.145	-.182
280	324	-.202	.051	.030	-.445	280	374	-.105	.116	.462	-.657	280	430	.518	.212	1.220	-.189
280	325	-.283	.055	-.102	-.513	280	375	-.056	.084	.381	-.556	280	431	.584	.248	1.371	-.269
280	326	-.245	.242	.632	-1.374	280	376	-.053	.064	.332	-.223	280	432	.515	.244	1.291	-.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	433	-.180	.087	.298	-.523	280	483	.117	.090	.536	-.103	290	117	-.793	.125	-.414	-1.445
280	434	-.035	.085	.389	-.312	280	484	.139	.097	.575	-.088	290	118	-.646	.121	-.254	-1.309
280	435	.202	.114	.677	-.119	280	485	.087	.082	.500	-.194	290	119	-.534	.112	-.236	-1.522
280	436	.347	.146	.774	-.089	280	486	.032	.070	.450	-.199	290	120	-.518	.095	-.256	-1.267
280	437	.463	.204	1.302	-.167	280	487	-.276	.075	.000	-.610	290	121	-.529	.093	-.259	-1.015
280	438	.500	.245	1.176	-.290	280	488	-.084	.046	.115	-.269	290	122	-.513	.086	-.271	-.957
280	439	.414	.261	1.078	-.498	280	489	-.031	.055	.231	-.233	290	123	-.508	.078	-.305	-.825
280	440	-.209	.093	.315	-.542	280	490	.040	.059	.414	-.165	290	124	-.496	.075	-.278	-.784
280	441	-.063	.105	.627	-.426	280	491	.043	.062	.317	-.157	290	125	-.488	.079	-.266	-.904
280	442	.168	.101	.827	-.145	280	492	.006	.056	.296	-.225	290	126	-.560	.131	-.284	-1.407
280	443	.394	.176	1.054	-.036	280	493	-.003	.053	.280	-.221	290	127	-.553	.128	-.285	-1.373
280	444	.420	.238	1.163	-.140	280	801	-.456	.123	-.162	-1.212	290	128	-.517	.086	-.293	-.974
280	445	.334	.251	1.108	-.414	280	802	-.421	.081	-.162	-.840	290	129	-.496	.082	-.283	-.972
280	446	-.211	.088	.313	-.610	280	803	-.303	.139	.250	-1.003	290	130	-.485	.075	-.298	-.903
280	447	-.089	.092	.526	-.474	280	804	-.246	.207	.818	-.514	290	131	-.476	.077	-.249	-.891
280	448	.125	.087	.677	-.143	280	805	-.323	.066	-.105	-.757	290	132	-.472	.075	-.254	-.879
280	449	.266	.109	.784	-.082	280	806	-.335	.220	.843	-.602	290	133	-.574	.173	-.201	-2.486
280	450	.360	.145	.977	-.056	280	807	-.402	.092	-.160	-.939	290	134	-.562	.152	-.261	-2.321
280	451	.392	.215	1.176	-.217	280	808	-.127	.154	.528	-.587	290	135	-.528	.108	-.268	-1.663
280	452	.333	.239	1.043	-.405	280	809	-.379	.075	-.145	-.709	290	136	-.499	.089	-.285	-1.253
280	453	-.264	.082	.109	-.620	280	810	-.231	.132	.163	-.929	290	137	-.489	.088	-.218	-.950
280	454	-.133	.077	.207	-.450	280	811	-.198	.060	-.010	-.472	290	138	-.479	.083	-.225	-.935
280	455	.083	.096	.538	-.207	280	812	.006	.098	.334	-.344	290	139	-.476	.084	-.219	-.942
280	456	.325	.135	.794	-.033	280	813	-.356	.061	-.165	-.653	290	140	-.601	.218	-.190	-2.356
280	457	.381	.201	1.060	-.148	280	814	-.139	.035	.010	-.270	290	141	-.615	.228	-.063	-2.168
280	458	.327	.216	.974	-.354	280	815	-.176	.059	.103	-.506	290	142	-.569	.135	-.180	-1.505
280	459	-.426	.095	-.073	-.889	280	901	-.207	.086	.186	-.518	290	143	-.521	.095	-.165	-.974
280	460	-.220	.073	.136	-.478	280	902	-.457	.109	-.135	-.976	290	144	-.510	.090	-.161	-.898
280	461	.025	.081	.455	-.242	280	903	-.383	.078	-.149	-.691	290	145	-.495	.091	-.235	-.962
280	462	.159	.099	.625	-.103	280	904	-.140	.105	.765	-.082	290	146	-.637	.222	-.210	-2.321
280	463	.260	.134	.809	-.061	280	905	-.457	.098	-.235	-.983	290	147	-.628	.214	-.202	-2.350
280	464	.311	.168	.909	-.096	280	906	.038	.068	.428	-.157	290	148	-.587	.136	-.249	-1.362
280	465	.258	.178	.881	-.191	280	907	.000	.089	.443	-.203	290	149	-.557	.117	-.170	-1.769
280	466	-.329	.084	.062	-.689	280	908	-.303	.052	-.155	-.515	290	150	-.542	.097	-.215	-1.191
280	467	-.176	.073	.186	-.457	290	101	-.512	.077	-.315	-.878	290	151	-.534	.095	-.200	-1.165
280	468	-.006	.064	.363	-.197	290	102	-.539	.084	-.306	-1.026	290	152	-.529	.094	-.180	-1.169
280	469	.093	.088	.482	-.155	290	103	-.523	.078	-.315	-1.004	290	153	-.674	.241	-.080	-2.346
280	470	.153	.106	.581	-.079	290	104	-.512	.075	-.310	-.974	290	154	-.665	.209	-.210	-2.240
280	471	.169	.136	.736	-.151	290	105	-.531	.092	-.237	-1.148	290	155	-.629	.159	-.187	-1.781
280	472	.137	.141	.740	-.199	290	106	-.520	.086	-.266	-.955	290	156	-.589	.117	-.254	-1.257
280	473	-.421	.101	-.077	-.877	290	107	-.538	.095	-.209	-1.065	290	157	-.586	.104	-.315	-1.146
280	474	-.233	.067	.024	-.562	290	108	-.545	.096	-.258	-1.147	290	158	-.582	.102	-.316	-1.124
280	475	-.024	.051	.219	-.189	290	109	-.525	.086	-.254	-.981	290	159	-.702	.212	-.041	-2.482
280	476	.060	.066	.384	-.146	290	110	-.507	.074	-.288	-.901	290	160	-.691	.184	-.066	-1.817
280	477	.084	.075	.459	-.180	290	111	-.515	.078	-.271	-.938	290	161	-.676	.152	-.010	-1.523
280	478	.058	.079	.465	-.218	290	112	-.513	.092	-.239	-.967	290	162	-.670	.134	-.225	-1.363
280	479	.015	.078	.445	-.285	290	113	-.521	.106	-.269	-1.218	290	163	-.656	.124	-.285	-1.849
280	480	-.372	.099	-.068	-.972	290	114	-.486	.082	-.266	-.829	290	164	-.641	.112	-.302	-1.636
280	481	-.188	.062	.043	-.520	290	115	-.487	.083	-.227	-.852	290	165	-.628	.115	-.300	-1.211
280	482	.027	.076	.421	-.174	290	116	-.546	.089	-.271	-.962	290	166	-.649	.169	-.151	-1.729

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	167	-.651	.171	-.012	-1.588	290	224	-.311	.081	-.087	-.731	290	274	-.240	.061	-.065	-1.764
290	168	-.666	.159	-.046	-1.521	290	225	-.323	.100	-.098	-.822	290	275	-.257	.055	-.072	-.594
290	169	-.712	.161	-.095	-1.433	290	226	-.280	.072	-.068	-.666	290	276	-.245	.052	-.045	-.502
290	170	-.709	.144	-.264	-2.066	290	227	-.284	.074	-.048	-.717	290	277	-.223	.056	.021	-.535
290	171	-.703	.136	-.315	-1.966	290	228	-.289	.071	-.096	-.693	290	278	-.291	.113	-.028	-1.014
290	172	-.699	.130	-.346	-1.697	290	229	-.291	.066	-.096	-.718	290	279	-.292	.110	-.046	-1.164
290	173	-.253	.066	-.045	-.664	290	230	-.289	.062	-.133	-.601	290	280	-.239	.049	-.084	-.548
290	174	-.235	.059	-.032	-.659	290	231	-.311	.078	-.108	-.760	290	281	-.244	.048	-.125	-.508
290	175	-.230	.062	.011	-.479	290	232	-.331	.090	-.113	-.842	290	282	-.253	.046	-.143	-.513
290	176	-.281	.088	.070	-.635	290	233	-.290	.092	-.017	-1.204	290	283	-.243	.048	-.034	-.507
290	177	-.468	.144	.059	-1.027	290	234	-.289	.082	-.092	-1.230	290	284	-.223	.038	.013	-.435
290	178	-.483	.147	-.082	-1.413	290	235	-.296	.074	-.113	-.748	290	285	-.249	.093	-.063	-1.105
290	179	-.468	.136	-.104	-1.326	290	236	-.293	.059	-.113	-.612	290	286	-.257	.094	-.092	-.878
290	180	-.224	.053	-.048	-.488	290	237	-.292	.054	-.136	-.485	290	287	-.216	.043	-.089	-.408
290	181	-.214	.046	-.023	-.418	290	238	-.318	.072	-.118	-.627	290	288	-.286	.071	-.096	-.691
290	182	-.219	.055	.047	-.475	290	239	-.354	.099	-.101	-.803	290	289	-.268	.076	-.044	-.762
290	183	-.233	.074	.001	-.618	290	240	-.300	.114	-.031	-1.654	290	290	-.205	.066	.008	-.576
290	184	-.326	.160	.218	-.855	290	241	-.296	.094	-.024	-.879	290	291	-.154	.058	.049	-.715
290	185	-.483	.156	-.052	-1.337	290	242	-.295	.072	-.097	-.704	290	292	-.151	.049	-.009	-.524
290	186	-.465	.157	.038	-1.375	290	243	-.296	.058	-.092	-.595	290	293	-.168	.056	.014	-.448
290	187	-.155	.045	.026	-.366	290	244	-.323	.085	-.070	-.818	290	301	-.446	.144	-.056	-1.421
290	188	-.167	.043	.003	-.340	290	245	-.360	.121	-.029	-.912	290	302	-.626	.230	.266	-1.533
290	189	-.180	.046	.001	-.318	290	246	-.295	.097	-.046	-1.225	290	303	-.297	.208	.218	-1.113
290	190	-.210	.045	.028	-.365	290	247	-.296	.095	-.041	-1.288	290	304	-.290	.083	-.038	-.726
290	191	-.243	.045	-.031	-.445	290	248	-.296	.078	-.120	-1.031	290	305	-.855	.458	.470	-2.626
290	192	-.258	.043	-.072	-.430	290	249	-.294	.062	-.119	-.592	290	306	-.295	.088	.032	-.861
290	193	-.318	.059	-.076	-.568	290	250	-.292	.061	-.102	-.536	290	307	-.663	.465	.464	-2.605
290	201	-.392	.113	-.034	-1.038	290	251	-.325	.098	-.010	-.926	290	308	-.283	.230	.256	-1.654
290	202	-.379	.104	-.065	-.847	290	252	-.349	.116	-.027	-.904	290	309	-.162	.094	.154	-.987
290	203	-.379	.106	-.092	-.947	290	253	-.287	.095	-.043	-1.473	290	310	-.132	.086	.114	-.697
290	204	-.396	.104	-.087	-.858	290	254	-.286	.090	-.085	-1.770	290	311	-.321	.120	.078	-.939
290	205	-.394	.142	-.048	-1.513	290	255	-.294	.077	-.096	-.727	290	312	-.806	.481	.321	-3.424
290	206	-.388	.110	-.065	-1.049	290	256	-.291	.065	-.087	-.784	290	313	-.443	.331	.257	-2.541
290	207	-.498	.217	-.003	-1.983	290	257	-.312	.099	.011	-1.010	290	314	-.530	.232	.125	-1.767
290	208	-.430	.142	-.084	-1.168	290	258	-.335	.116	.002	-.946	290	315	-.270	.077	-.031	-.787
290	209	-.418	.139	-.053	-1.254	290	259	-.254	.072	-.034	-.743	290	316	-.383	.275	.213	-1.961
290	210	-.387	.121	-.106	-1.059	290	260	-.256	.069	-.055	-.727	290	317	-.305	.124	.244	-.833
290	211	-.382	.125	-.065	-1.108	290	261	-.264	.066	-.093	-.711	290	318	-.313	.087	-.029	-.672
290	212	-.270	.075	-.019	-.547	290	262	-.258	.050	-.089	-.511	290	319	-.716	.445	.654	-3.082
290	213	-.291	.081	-.003	-.682	290	263	-.281	.069	-.003	-.614	290	320	-.698	.488	.579	-3.456
290	214	-.354	.103	-.089	-.820	290	264	-.299	.089	.012	-.727	290	321	-.330	.367	.318	-2.505
290	215	-.344	.108	-.041	-.906	290	265	-.303	.106	.118	-.865	290	322	-.192	.180	.255	-1.449
290	216	-.464	.138	-.142	-.952	290	266	-.197	.052	-.036	-.540	290	323	-.157	.113	.166	-1.061
290	217	-.348	.100	-.032	-.834	290	267	-.206	.054	-.024	-.616	290	324	-.240	.080	.046	-.803
290	218	-.313	.083	-.087	-.888	290	268	-.216	.052	-.039	-.638	290	325	-.262	.070	-.015	-.637
290	219	-.285	.074	-.041	-.672	290	269	-.225	.046	-.024	-.411	290	326	-.642	.349	.725	-2.755
290	220	-.287	.071	-.058	-.662	290	270	-.257	.066	-.056	-.659	290	327	-.632	.409	.728	-3.179
290	221	-.321	.087	-.088	-.986	290	271	-.283	.093	-.036	-1.067	290	328	-.380	.374	.423	-2.011
290	222	-.297	.077	-.097	-.837	290	272	-.281	.093	-.012	-.902	290	329	-.158	.176	.286	-1.289
290	223	-.298	.068	-.118	-.691	290	273	-.237	.057	-.056	-1.117	290	330	-.152	.088	.121	-.688

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	331	-.219	.070	.030	-.663	290	381	-.138	.100	.203	-.854	290	437	.364	.189	1.065	-.235
290	332	-.257	.068	-.008	-.575	290	382	-.063	.054	.225	-.328	290	438	.217	.203	1.075	-.435
290	333	-.594	.326	.559	-2.047	290	383	-.063	.044	.158	-.193	290	439	.018	.242	.986	-.935
290	334	-.571	.339	.445	-1.835	290	384	-.092	.041	.126	-.216	290	440	-.085	.189	.589	-.870
290	335	-.421	.382	.290	-1.941	290	385	-.219	.036	-.097	-.355	290	441	.064	.213	.814	-.520
290	336	-.267	.269	.218	-1.634	290	386	-.225	.041	-.063	-.413	290	442	.255	.195	1.048	-.140
290	337	-.204	.156	.199	-1.128	290	387	-.078	.045	.226	-.248	290	443	.297	.145	1.056	-.089
290	338	-.230	.080	.046	-.752	290	388	-.078	.036	.141	-.175	290	444	.154	.149	.792	-.524
290	339	-.266	.078	-.010	-.891	290	389	-.113	.033	.052	-.245	290	445	-.032	.210	.785	-.666
290	340	-.546	.295	.452	-2.060	290	390	-.169	.032	-.026	-.280	290	446	-.051	.193	.675	-.571
290	341	-.541	.338	.470	-1.866	290	391	-.136	.045	.064	-.289	290	447	.088	.213	.880	-.420
290	342	-.419	.337	.236	-1.917	290	392	-.110	.027	-.013	-.211	290	448	.264	.197	1.044	-.243
290	343	-.250	.171	.179	-1.345	290	393	-.112	.030	-.016	-.250	290	449	.296	.177	1.278	-.142
290	344	-.253	.106	.087	-1.155	290	394	-.244	.053	-.094	-.452	290	450	.272	.143	.999	-.106
290	345	-.280	.111	.121	-1.233	290	401	-.253	.091	.095	-.683	290	451	.136	.131	.672	-.355
290	346	-.516	.237	.339	-1.880	290	402	-.131	.110	.174	-.652	290	452	-.013	.150	.681	-.531
290	347	-.517	.265	.304	-2.276	290	403	.155	.163	.689	-.517	290	453	-.082	.176	.632	-.640
290	348	-.443	.288	.206	-1.832	290	404	-.065	.128	.393	-.674	290	454	.064	.181	.829	-.450
290	349	-.316	.243	.260	-1.660	290	405	-.184	.147	.304	-.985	290	455	.221	.181	.943	-.299
290	350	-.251	.154	.102	-1.099	290	406	-.052	.200	.566	-.849	290	456	.245	.140	.807	-.164
290	351	-.254	.110	.042	-1.158	290	407	-.400	.212	.510	-1.353	290	457	.137	.135	.718	-.348
290	352	-.273	.105	.010	-1.221	290	408	.157	.211	.797	-1.262	290	458	-.009	.143	.639	-.530
290	353	-.477	.234	.313	-1.620	290	409	.330	.244	.998	-.776	290	459	-.290	.106	.104	-.804
290	354	-.481	.243	.259	-1.805	290	410	.277	.260	.965	-1.185	290	460	-.118	.092	.241	-.464
290	355	-.406	.276	.222	-1.639	290	411	-.305	.272	.592	-1.503	290	461	.054	.097	.562	-.336
290	356	-.209	.120	.154	-.893	290	412	.044	.185	.584	-.681	290	462	.125	.098	.639	-.162
290	357	-.230	.089	.132	-1.017	290	413	.230	.267	.960	-.891	290	463	.147	.105	.657	-.193
290	358	-.256	.080	-.050	-.979	290	414	.403	.239	1.011	-.489	290	464	.078	.105	.519	-.360
290	359	-.437	.233	.430	-1.646	290	415	.291	.268	1.100	-.722	290	465	-.020	.133	.809	-.697
290	360	-.419	.247	.385	-1.562	290	416	.007	.187	.771	-.628	290	466	-.239	.071	.176	-.581
290	361	-.267	.227	.222	-1.609	290	417	.513	.307	1.278	-.676	290	467	-.136	.066	.208	-.459
290	362	-.168	.129	.123	-1.440	290	418	.274	.243	1.172	-.596	290	468	-.018	.059	.311	-.326
290	363	-.153	.075	.141	-.939	290	419	.046	.197	.587	-.734	290	469	.051	.075	.447	-.266
290	364	-.192	.053	.030	-.485	290	420	.257	.233	.877	-.626	290	470	.074	.075	.461	-.282
290	365	-.232	.056	-.051	-.634	290	421	.337	.246	1.000	-.436	290	471	.027	.078	.493	-.287
290	366	-.277	.152	.334	-1.024	290	422	.384	.249	1.087	-.367	290	472	-.034	.084	.480	-.420
290	367	-.259	.167	.240	-1.092	290	423	.435	.248	1.242	-.328	290	473	-.277	.077	.163	-.667
290	368	-.150	.114	.179	-.776	290	424	.460	.268	1.201	-.568	290	474	-.162	.057	.148	-.336
290	369	-.114	.069	.090	-.679	290	425	.308	.291	1.149	-.841	290	475	-.020	.046	.351	-.155
290	370	-.126	.044	.039	-.352	290	426	-.034	.174	.517	-.683	290	476	.033	.047	.365	-.099
290	371	-.165	.039	-.017	-.340	290	427	.159	.218	.831	-.597	290	477	.038	.045	.265	-.135
290	372	-.187	.041	-.053	-.331	290	428	.377	.238	1.100	-.323	290	478	.008	.050	.246	-.207
290	373	-.185	.092	.159	-.798	290	429	.456	.250	1.197	-.283	290	479	-.045	.052	.264	-.262
290	374	-.171	.099	.172	-.717	290	430	.490	.241	1.189	-.211	290	480	-.239	.086	.206	-.650
290	375	-.109	.067	.086	-.442	290	431	.393	.257	1.075	-.411	290	481	-.104	.067	.258	-.369
290	376	-.085	.045	.134	-.257	290	432	.216	.258	.952	-.824	290	482	.030	.064	.328	-.127
290	377	-.114	.041	.101	-.245	290	433	-.055	.185	.768	-.765	290	483	.083	.065	.368	-.067
290	378	-.204	.036	-.065	-.372	290	434	.107	.195	.824	-.484	290	484	.087	.066	.399	-.099
290	379	-.221	.039	-.081	-.398	290	435	.315	.209	1.124	-.150	290	485	.031	.049	.352	-.110
290	380	-.139	.097	.237	-.762	290	436	.383	.191	1.167	-.093	290	486	-.017	.050	.277	-.173

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	487	-.213	.044	-.041	-.459	300	121	-.435	.185	.066	-1.607	300	171	-.540	.230	-.016	-1.802
290	488	-.098	.048	.051	-.389	300	122	-.514	.205	.031	-1.684	300	172	-.529	.211	-.052	-1.832
290	489	-.074	.066	.141	-.551	300	123	-.510	.197	.087	-1.818	300	173	-.229	.061	-.058	-.554
290	490	.004	.042	.208	-.190	300	124	-.486	.184	-.036	-1.909	300	174	-.211	.053	-.054	-.450
290	491	-.010	.046	.186	-.260	300	125	-.477	.175	-.017	-1.465	300	175	-.195	.051	-.004	-.527
290	492	-.024	.040	.177	-.188	300	126	-.464	.231	.077	-1.812	300	176	-.221	.072	.048	-.599
290	493	-.031	.038	.209	-.289	300	127	-.447	.216	.207	-1.972	300	177	-.361	.135	.050	-1.052
290	801	-.499	.166	-.119	-1.298	300	128	-.427	.160	.293	-1.214	300	178	-.448	.158	-.066	-1.200
290	802	-.395	.110	-.075	-.924	300	129	-.488	.184	.078	-1.492	300	179	-.434	.143	-.105	-1.074
290	803	-.290	.155	.253	-1.160	300	130	-.486	.181	.022	-1.764	300	180	-.217	.054	.020	-.516
290	804	-.223	.219	.923	-.851	300	131	-.452	.164	-.091	-1.491	300	181	-.194	.045	.050	-.396
290	805	-.292	.071	-.104	-.744	300	132	-.442	.157	-.090	-1.425	300	182	-.174	.050	.081	-.372
290	806	-.403	.274	1.041	-.519	300	133	-.513	.289	.102	-2.067	300	183	-.164	.053	.072	-.348
290	807	-.362	.100	-.109	-.910	300	134	-.500	.244	.052	-1.670	300	184	-.208	.127	.263	-.811
290	808	.160	.179	.589	-.679	300	135	-.471	.197	.089	-1.400	300	185	-.427	.180	.004	-1.540
290	809	-.333	.092	-.063	-.918	300	136	-.491	.196	.021	-1.752	300	186	-.429	.185	.071	-1.466
290	810	-.702	.230	-.013	-1.501	300	137	-.478	.191	.055	-1.762	300	187	-.127	.042	-.004	-.318
290	811	-.332	.067	-.126	-.716	300	138	-.459	.170	-.049	-1.627	300	188	-.175	.042	.005	-.321
290	812	-.140	.096	.240	-.671	300	139	-.452	.170	-.036	-1.579	300	189	-.191	.044	-.020	-.368
290	813	-.230	.045	-.077	-.424	300	140	-.527	.310	.098	-2.222	300	190	-.182	.042	-.030	-.313
290	814	-.110	.028	.015	-.201	300	141	-.495	.276	.181	-2.359	300	191	-.211	.042	-.076	-.422
290	815	-.129	.040	.005	-.324	300	142	-.477	.199	.219	-1.418	300	192	-.226	.043	-.078	-.399
290	901	-.117	.083	.356	-.369	300	143	-.496	.199	-.018	-2.391	300	193	-.286	.062	-.096	-.542
290	902	-.234	.064	-.006	-.532	300	144	-.476	.178	-.088	-1.879	300	201	-.404	.126	-.059	-1.290
290	903	-.207	.043	-.041	-.372	300	145	-.466	.179	-.030	-1.876	300	202	-.428	.148	-.036	-1.197
290	904	.110	.079	.507	-.067	300	146	-.490	.274	.166	-2.077	300	203	-.406	.123	-.069	-1.004
290	905	-.259	.045	-.144	-.451	300	147	-.473	.252	.259	-1.947	300	204	-.439	.141	.017	-1.191
290	906	.004	.044	.232	-.159	300	148	-.492	.214	.175	-1.571	300	205	-.425	.196	.082	-2.309
290	907	.065	.042	.162	-.208	300	149	-.566	.233	.053	-1.789	300	206	-.419	.151	.093	-1.380
290	908	-.195	.033	-.081	-.321	300	150	-.561	.198	.022	-1.745	300	207	-.458	.254	.202	-2.364
300	101	-.445	.173	-.086	-1.950	300	151	-.536	.183	-.002	-2.095	300	208	-.406	.165	.024	-1.142
300	102	-.482	.163	.120	-1.318	300	152	-.528	.173	-.077	-1.732	300	209	-.410	.144	-.038	-1.213
300	103	-.549	.190	.062	-1.502	300	153	-.416	.239	.228	-1.784	300	210	-.391	.137	-.016	-1.045
300	104	-.572	.196	-.113	-1.389	300	154	-.408	.202	.139	-1.268	300	211	-.380	.149	.167	-1.302
300	105	-.401	.150	.138	-1.182	300	155	-.475	.217	.162	-1.502	300	212	-.279	.106	.012	-.783
300	106	-.720	.359	-.127	-3.296	300	156	-.609	.207	-.009	-1.634	300	213	-.300	.119	.075	-.893
300	107	-.365	.145	.225	-.993	300	157	-.599	.185	-.118	-1.712	300	214	-.350	.129	.079	-1.114
300	108	-.401	.139	.125	-1.148	300	158	-.589	.173	-.149	-1.723	300	215	-.336	.135	.089	-1.049
300	109	-.513	.164	.037	-1.229	300	159	-.297	.137	.116	-1.043	300	216	-.366	.127	-.054	-.906
300	110	-.531	.181	-.015	-1.352	300	160	-.282	.137	.080	-1.014	300	217	-.324	.107	-.033	-.783
300	111	-.530	.185	-.118	-2.052	300	161	-.331	.197	.199	-1.252	300	218	-.333	.098	-.047	-.760
300	112	-.374	.160	.166	-1.559	300	162	-.476	.227	.123	-1.416	300	219	-.299	.118	.004	-1.089
300	113	-.388	.168	.082	-1.310	300	163	-.637	.260	.109	-2.029	300	220	-.294	.112	-.012	-.927
300	114	-.491	.179	-.047	-1.402	300	164	-.677	.237	-.168	-2.431	300	221	-.310	.105	-.063	-.893
300	115	-.483	.183	-.066	-2.127	300	165	-.650	.236	-.147	-1.984	300	222	-.303	.086	-.073	-.793
300	116	-.399	.119	-.041	-.946	300	166	-.204	.077	.027	-.588	300	223	-.298	.086	-.055	-.841
300	117	-.670	.198	-.071	-1.490	300	167	-.187	.080	.082	-.738	300	224	-.307	.106	.003	-1.088
300	118	-.654	.218	.011	-1.695	300	168	-.185	.092	.078	-.712	300	225	-.314	.122	.021	-1.066
300	119	-.418	.208	.184	-1.945	300	169	-.241	.142	.226	-1.061	300	226	-.300	.112	.005	-1.104
300	120	-.387	.168	.214	-1.484	300	170	-.393	.192	.216	-1.297	300	227	-.296	.111	.046	-.917

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	228	-.291	.096	-.009	-.998	300	278	-.280	.106	-.084	-.851	300	335	-.681	.244	.186	-1.940
300	229	-.292	.082	.007	-.732	300	279	-.270	.099	-.045	-.804	300	336	-.669	.267	.232	-1.803
300	230	-.292	.079	-.052	-.698	300	280	-.250	.062	-.082	-.711	300	337	-.570	.273	.338	-1.595
300	231	-.315	.106	-.029	-.891	300	281	-.254	.062	-.129	-.676	300	338	-.505	.272	.160	-1.703
300	232	-.338	.118	-.021	-.960	300	282	-.254	.057	-.127	-.599	300	339	-.527	.317	.230	-2.105
300	233	-.331	.154	.051	-1.061	300	283	-.217	.047	-.047	-.454	300	340	-.632	.215	.020	-1.935
300	234	-.311	.126	.015	-1.116	300	284	-.216	.051	-.065	-.587	300	341	-.651	.240	-.030	-2.013
300	235	-.293	.099	-.055	-.917	300	285	-.285	.119	-.106	-1.372	300	342	-.683	.258	.071	-2.091
300	236	-.278	.074	-.085	-.663	300	286	-.277	.105	-.103	-1.118	300	343	-.563	.282	.124	-1.739
300	237	-.277	.072	-.028	-.655	300	287	-.222	.043	-.076	-.435	300	344	-.513	.285	.097	-1.770
300	238	-.314	.104	.005	-.864	300	288	-.256	.070	-.062	-.582	300	345	-.517	.335	.257	-2.310
300	239	-.356	.141	.072	-1.108	300	289	-.207	.072	.003	-.500	300	346	-.668	.203	-.117	-1.854
300	240	-.345	.153	.097	-1.305	300	290	-.144	.045	.024	-.374	300	347	-.679	.217	.005	-2.451
300	241	-.320	.139	.065	-1.035	300	291	-.159	.055	.034	-.590	300	348	-.700	.249	.117	-1.928
300	242	-.290	.095	-.035	-.776	300	292	-.182	.063	.009	-.661	300	349	-.660	.286	.103	-1.981
300	243	-.276	.080	.042	-.820	300	293	-.190	.062	-.009	-.554	300	350	-.555	.257	.180	-1.535
300	244	-.312	.117	.047	-1.059	300	301	-.614	.256	-.102	-2.759	300	351	-.498	.272	.104	-1.990
300	245	-.364	.160	.016	-1.115	300	302	-.757	.188	-.144	-1.500	300	352	-.507	.288	.095	-2.056
300	246	-.355	.151	.027	-1.076	300	303	-.679	.192	-.052	-1.680	300	353	-.684	.200	-.141	-2.225
300	247	-.333	.134	-.006	-.995	300	304	-.500	.159	.056	-1.358	300	354	-.694	.197	-.146	-2.155
300	248	-.300	.094	-.078	-.920	300	305	-1.048	.408	-.115	-3.199	300	355	-.719	.249	.023	-2.160
300	249	-.285	.083	-.007	-.771	300	306	-.392	.126	.060	-.930	300	356	-.504	.236	.119	-1.543
300	250	-.294	.093	-.047	-.928	300	307	-.883	.318	-.090	-3.149	300	357	-.418	.208	.177	-1.593
300	251	-.331	.132	.058	-.879	300	308	-.804	.242	-.068	-1.829	300	358	-.424	.204	.065	-1.633
300	252	-.359	.155	.064	-1.003	300	309	-.493	.169	.050	-1.131	300	359	-.724	.240	-.162	-2.838
300	253	-.319	.135	.049	-1.178	300	310	-.326	.116	.040	-.881	300	360	-.737	.242	-.173	-2.324
300	254	-.304	.113	.065	-1.078	300	311	-.334	.129	.276	-.805	300	361	-.664	.288	.151	-2.075
300	255	-.286	.091	-.055	-.723	300	312	-.820	.283	-.162	-2.263	300	362	-.426	.233	.158	-1.730
300	256	-.279	.097	-.028	-1.118	300	313	-.843	.298	-.115	-2.382	300	363	-.296	.171	.344	-1.664
300	257	-.307	.127	.093	-1.386	300	314	-.521	.200	.031	-1.670	300	364	-.280	.109	.060	-1.091
300	258	-.325	.138	.065	-1.614	300	315	-.357	.125	.089	-.995	300	365	-.307	.113	.074	-.924
300	259	-.263	.099	-.010	-.844	300	316	-1.007	.274	-.156	-2.144	300	366	-.570	.208	-.128	-2.198
300	260	-.260	.092	-.054	-.849	300	317	-.623	.179	-.035	-1.257	300	367	-.568	.225	-.015	-2.627
300	261	-.271	.094	.032	-.792	300	318	-.395	.111	-.086	-.890	300	368	-.345	.183	.174	-1.554
300	262	-.251	.069	-.042	-.629	300	319	-.807	.272	-.200	-2.585	300	369	-.196	.097	.107	-.837
300	263	-.265	.099	.046	-1.196	300	320	-.813	.272	-.167	-2.822	300	370	-.179	.057	.076	-.627
300	264	-.261	.101	.024	-.885	300	321	-.836	.334	-.004	-2.277	300	371	-.210	.058	.034	-.594
300	265	-.249	.101	.098	-.736	300	322	-.676	.275	-.004	-1.805	300	372	-.230	.065	-.032	-.636
300	266	-.205	.079	-.011	-.698	300	323	-.456	.186	.018	-1.305	300	373	-.318	.113	-.014	-.919
300	267	-.218	.086	-.025	-.747	300	324	-.365	.136	.073	-1.054	300	374	-.302	.125	.017	-1.045
300	268	-.235	.090	-.040	-.764	300	325	-.359	.135	.081	-1.375	300	375	-.189	.086	.026	-.718
300	269	-.209	.064	.086	-.619	300	326	-.769	.259	-.115	-1.967	300	376	-.138	.042	-.002	-.342
300	270	-.228	.096	.110	-.886	300	327	-.783	.267	-.032	-2.076	300	377	-.158	.035	-.038	-.285
300	271	-.225	.100	.068	-1.007	300	328	-.811	.272	-.037	-2.018	300	378	-.224	.045	-.052	-.414
300	272	-.213	.094	.099	-.913	300	329	-.674	.236	.116	-1.684	300	379	-.235	.055	-.065	-.527
300	273	-.264	.090	-.075	-1.025	300	330	-.458	.172	.098	-1.216	300	380	-.256	.121	.040	-.976
300	274	-.270	.086	-.093	-.820	300	331	-.363	.153	.139	-1.482	300	381	-.266	.127	.015	-1.142
300	275	-.273	.077	-.056	-.633	300	332	-.368	.156	.038	-1.345	300	382	-.118	.061	.234	-.468
300	276	-.214	.052	.033	-.487	300	333	-.636	.208	-.061	-1.944	300	383	-.111	.034	.069	-.246
300	277	-.228	.074	.000	-.660	300	334	-.647	.205	.005	-2.160	300	384	-.131	.035	.026	-.254

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	385	-.237	.042	-.132	-.403	300	441	.259	.179	.812	-.521	300	491	-.074	.060	.238	-.350
300	386	-.242	.049	-.114	-.464	300	442	.521	.202	1.092	-.419	300	492	-.077	.048	.236	-.257
300	387	-.151	.047	.002	-.384	300	443	.500	.204	1.032	-.137	300	493	-.086	.042	.286	-.225
300	388	-.128	.031	-.033	-.240	300	444	.217	.159	.684	-.313	300	801	-.554	.175	-.085	-1.405
300	389	-.148	.029	-.055	-.256	300	445	-.077	.152	.564	-.882	300	802	-.533	.151	-.104	-1.176
300	390	-.184	.031	-.064	-.292	300	446	.044	.145	.552	-.537	300	803	-.244	.124	.155	-1.002
300	391	-.167	.043	-.027	-.329	300	447	.220	.170	.832	-.385	300	804	.168	.147	.561	-.956
300	392	-.143	.027	.050	-.235	300	448	.453	.198	1.163	-.208	300	805	-.396	.117	-.061	-.964
300	393	-.143	.027	.005	-.237	300	449	.529	.207	1.085	-.217	300	806	.459	.201	.925	-.620
300	394	-.234	.049	-.047	-.449	300	450	.469	.187	.970	-.148	300	807	-.374	.105	-.088	-.844
300	401	-.310	.095	.019	-.823	300	451	.214	.151	.717	-.414	300	808	.149	.133	.577	-.667
300	402	-.155	.095	.183	-.542	300	452	-.024	.130	.424	-.689	300	809	-.377	.126	-.040	-1.018
300	403	.114	.116	.496	-.468	300	453	-.015	.146	.715	-.528	300	810	-.770	.280	-.019	-1.746
300	404	-.191	.103	.212	-.852	300	454	.184	.156	.888	-.448	300	811	-.478	.172	.086	-1.110
300	405	-.217	.132	.338	-.896	300	455	.405	.181	1.079	-.237	300	812	-.197	.152	.287	-1.027
300	406	-.260	.146	.331	-.765	300	456	.408	.169	1.051	-.179	300	813	-.220	.042	-.075	-.419
300	407	-.543	.227	.532	-1.647	300	457	.179	.144	.675	-.665	300	814	-.139	.027	-.048	-.232
300	408	.128	.152	.743	-.792	300	458	-.064	.127	.423	-.700	300	815	-.140	.037	-.018	-.357
300	409	.284	.190	.871	-1.004	300	459	-.268	.136	.277	-.880	300	901	.015	.131	.807	-.271
300	410	.128	.200	.663	-1.122	300	460	-.048	.108	.345	-.465	300	902	-.179	.058	.125	-.427
300	411	-.652	.340	.479	-2.069	300	461	.131	.104	.540	-.181	300	903	-.194	.047	.020	-.373
300	412	.127	.149	.753	-.680	300	462	.210	.118	.715	-.096	300	904	.188	.114	.717	-.062
300	413	.303	.189	1.066	-.650	300	463	.226	.132	.806	-.128	300	905	-.235	.041	-.099	-.459
300	414	.325	.209	.972	-.554	300	464	.072	.117	.505	-.391	300	906	-.017	.059	.492	-.230
300	415	.056	.200	.822	-.759	300	465	-.137	.131	.418	-.599	300	907	-.115	.034	.022	-.228
300	416	.132	.162	.710	-.687	300	466	-.250	.091	.125	-.590	300	908	-.206	.037	-.091	-.370
300	417	.610	.261	1.245	-.884	300	467	-.140	.086	.239	-.426	310	101	-.587	.256	-.057	-2.503
300	418	.055	.162	.758	-.621	300	468	-.014	.070	.276	-.246	310	102	-.489	.155	.039	-1.284
300	419	.170	.158	.734	-.733	300	469	.051	.085	.446	-.198	310	103	-.634	.189	-.095	-1.376
300	420	.397	.179	.896	-.720	300	470	.079	.090	.509	-.240	310	104	-.698	.193	-.209	-1.581
300	421	.414	.194	1.029	-.655	300	471	-.014	.093	.441	-.388	310	105	-.387	.145	.201	-.985
300	422	.404	.199	1.037	-.551	300	472	-.124	.090	.331	-.504	310	106	-.961	.396	-.080	-3.182
300	423	.427	.207	1.084	-.430	300	473	-.234	.077	.193	-.682	310	107	-.333	.142	.306	-.868
300	424	.389	.218	.984	-.632	300	474	-.123	.060	.154	-.384	310	108	-.342	.131	.054	-.947
300	425	.135	.206	.779	-.676	300	475	.003	.056	.271	-.144	310	109	-.542	.185	.092	-1.238
300	426	.113	.147	.600	-.503	300	476	.037	.057	.332	-.111	310	110	-.715	.216	-.009	-1.507
300	427	.348	.183	.939	-.485	300	477	.025	.055	.359	-.146	310	111	-.735	.235	-.033	-1.886
300	428	.564	.212	1.058	-.296	300	478	-.043	.058	.241	-.268	310	112	-.348	.129	.010	-1.027
300	429	.574	.236	1.217	-.316	300	479	-.123	.055	.113	-.417	310	113	-.474	.192	.255	-1.537
300	430	.532	.232	1.090	-.343	300	480	-.150	.100	.194	-.595	310	114	-.698	.213	-.110	-1.700
300	431	.298	.211	.982	-.457	300	481	-.010	.090	.400	-.272	310	115	-.683	.217	-.099	-1.932
300	432	.049	.183	.710	-.666	300	482	.112	.094	.661	-.101	310	116	-.381	.116	.001	-1.117
300	433	.089	.167	.675	-.724	300	483	.144	.089	.598	-.079	310	117	-.688	.193	-.118	-1.311
300	434	.292	.182	.814	-.422	300	484	.125	.084	.534	-.085	310	118	-.836	.221	-.219	-1.643
300	435	.515	.222	1.222	-.202	300	485	.021	.056	.295	-.146	310	119	-.358	.146	.068	-1.168
300	436	.548	.224	1.241	-.120	300	486	-.058	.052	.198	-.283	310	120	-.374	.146	.109	-1.155
300	437	.550	.217	1.179	-.158	300	487	-.205	.048	-.009	-.475	310	121	-.480	.207	.135	-1.602
300	438	.253	.170	.950	-.379	300	488	-.119	.049	.065	-.404	310	122	-.653	.230	.060	-1.696
300	439	-.044	.165	.651	-.761	300	489	-.127	.066	.066	-.439	310	123	-.706	.216	-.076	-2.003
300	440	.033	.160	.488	-.692	300	490	-.009	.059	.314	-.259	310	124	-.688	.202	-.191	-1.773

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	125	-.680	.214	-.136	-1.532	310	175	-.140	.040	-.012	-.320	310	232	-.335	.140	.029	-1.355
310	126	-.393	.183	.090	-1.406	310	176	-.163	.059	-.070	-.465	310	233	-.364	.133	.086	-1.063
310	127	-.382	.170	.288	-1.236	310	177	-.248	.110	-.011	-1.003	310	234	-.332	.107	.038	-1.039
310	128	-.465	.172	.115	-1.375	310	178	-.265	.120	-.011	-1.185	310	235	-.304	.083	-.003	-1.253
310	129	-.655	.221	.121	-1.476	310	179	-.253	.107	-.000	-1.008	310	236	-.301	.075	-.021	-1.153
310	130	-.714	.220	.145	-1.670	310	180	-.160	.049	-.001	-.479	310	237	-.311	.095	-.033	-.984
310	131	-.677	.212	-.104	-1.721	310	181	-.138	.041	.038	-.310	310	238	-.340	.122	.026	-1.634
310	132	-.662	.206	-.131	-1.594	310	182	-.120	.049	.263	-.302	310	239	-.378	.154	.077	-1.729
310	133	-.514	.267	.135	-1.844	310	183	-.117	.047	.132	-.311	310	240	-.365	.138	.054	-1.016
310	134	-.497	.224	.127	-1.390	310	184	-.174	.095	.189	-.629	310	241	-.336	.128	-.019	-1.275
310	135	-.514	.192	.123	-1.287	310	185	-.263	.147	.062	-1.228	310	242	-.301	.082	-.078	-.883
310	136	-.586	.197	.019	-1.375	310	186	-.266	.157	.062	-1.408	310	243	-.327	.088	-.076	-.768
310	137	-.588	.199	-.048	-1.587	310	187	-.127	.034	-.020	-.254	310	244	-.368	.122	-.033	-.941
310	138	-.540	.165	-.041	-1.392	310	188	-.134	.030	.004	-.294	310	245	-.415	.160	.067	-.977
310	139	-.530	.167	-.033	-1.625	310	189	-.141	.034	.085	-.280	310	246	-.376	.137	-.014	-1.200
310	140	-.535	.280	.093	-1.871	310	190	-.135	.033	-.001	-.307	310	247	-.349	.124	-.017	-1.176
310	141	-.561	.251	.201	-1.747	310	191	-.158	.033	-.052	-.283	310	248	-.313	.087	-.070	-.870
310	142	-.528	.207	.067	-1.325	310	192	-.171	.033	-.069	-.319	310	249	-.325	.085	-.105	-.725
310	143	-.593	.193	-.111	-1.660	310	193	-.210	.048	-.062	-.477	310	250	-.349	.098	-.066	-.701
310	144	-.551	.158	-.113	-1.240	310	201	-.379	.114	-.080	-1.224	310	251	-.383	.135	.011	-.900
310	145	-.536	.156	-.021	-1.453	310	202	-.421	.130	.014	-1.125	310	252	-.409	.158	.029	-1.054
310	146	-.407	.215	.081	-1.981	310	203	-.382	.117	.011	-1.046	310	253	-.386	.157	.048	-1.009
310	147	-.406	.207	.107	-1.545	310	204	-.401	.143	.099	-1.108	310	254	-.358	.131	-.005	-.900
310	148	-.489	.221	.010	-1.553	310	205	-.407	.141	.139	-1.270	310	255	-.325	.102	-.043	-.792
310	149	-.603	.252	-.003	-1.591	310	206	-.391	.174	.052	-1.572	310	256	-.340	.116	-.070	-.917
310	150	-.638	.211	-.069	-1.921	310	207	-.395	.147	.232	-1.446	310	257	-.351	.133	.053	-1.023
310	151	-.609	.180	-.131	-1.632	310	208	-.421	.139	.014	-1.115	310	258	-.359	.140	.045	-.952
310	152	-.596	.170	-.136	-1.432	310	209	-.400	.142	-.045	-1.273	310	259	-.311	.126	.074	-1.133
310	153	-.299	.135	.049	-1.740	310	210	-.369	.148	-.012	-1.151	310	260	-.305	.116	.033	-.807
310	154	-.285	.136	.081	-1.385	310	211	-.392	.203	.143	-1.792	310	261	-.290	.112	.083	-1.026
310	155	-.331	.206	.251	-1.316	310	212	-.324	.110	-.004	-.795	310	262	-.271	.085	.175	-.687
310	156	-.674	.289	.024	-2.154	310	213	-.327	.111	.030	-.842	310	263	-.304	.134	.060	-1.201
310	157	-.692	.247	-.098	-2.225	310	214	-.293	.108	.076	-.897	310	264	-.273	.111	-.004	-.840
310	158	-.671	.216	-.129	-1.811	310	215	-.286	.112	.081	-.832	310	265	-.276	.127	.160	-1.415
310	159	-.272	.095	.004	-.740	310	216	-.364	.110	-.091	-.861	310	266	-.234	.112	.017	-1.170
310	160	-.225	.076	.093	-.545	310	217	-.325	.092	-.001	-.711	310	267	-.253	.123	.004	-1.112
310	161	-.195	.114	.214	-.842	310	218	-.324	.097	-.035	-.701	310	268	-.268	.123	.014	-.873
310	162	-.277	.186	.219	-1.194	310	219	-.324	.109	-.015	-.914	310	269	-.214	.074	.141	-.651
310	163	-.508	.297	.169	-1.895	310	220	-.307	.095	.003	-.844	310	270	-.253	.136	.133	-1.302
310	164	-.644	.246	-.026	-2.003	310	221	-.293	.089	-.059	-.947	310	271	-.238	.120	.016	-.952
310	165	-.624	.241	-.150	-2.046	310	222	-.298	.088	-.057	-.890	310	272	-.222	.111	.043	-.781
310	166	-.196	.069	.062	-.761	310	223	-.306	.103	-.062	-.933	310	273	-.246	.116	-.040	-.983
310	167	-.181	.060	.102	-.628	310	224	-.293	.115	-.011	-.972	310	274	-.242	.108	-.054	-.890
310	168	-.172	.060	.056	-.568	310	225	-.309	.131	.004	-1.347	310	275	-.188	.053	-.015	-.507
310	169	-.220	.104	.180	-1.078	310	226	-.348	.113	-.028	-1.189	310	276	-.170	.039	.010	-.334
310	170	-.341	.161	.069	-1.362	310	227	-.324	.104	-.013	-1.176	310	277	-.205	.062	-.054	-.661
310	171	-.460	.195	-.044	-1.751	310	228	-.301	.086	-.082	-.946	310	278	-.232	.110	-.080	-1.279
310	172	-.453	.177	-.072	-1.702	310	229	-.310	.090	-.059	-.905	310	279	-.228	.105	-.076	-1.013
310	173	-.177	.050	-.055	-.563	310	230	-.316	.110	-.068	-1.044	310	280	-.198	.050	-.076	-.434
310	174	-.160	.042	-.001	-.381	310	231	-.327	.137	.037	-1.227	310	281	-.203	.057	-.082	-.518

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	282	-.175	.037	-.078	-.443	310	339	-.519	.276	.133	-2.396	310	389	-.121	.027	.019	-.219
310	283	-.172	.036	-.069	-.347	310	340	-.474	.162	-.064	-1.347	310	390	-.135	.029	.004	-.277
310	284	-.178	.044	-.043	-.399	310	341	-.466	.159	-.037	-1.495	310	391	-.123	.036	.020	-.320
310	285	-.225	.104	-.024	-1.391	310	342	-.485	.168	-.002	-1.490	310	392	-.113	.027	.002	-.221
310	286	-.220	.097	-.028	-1.262	310	343	-.490	.204	.169	-1.545	310	393	-.112	.025	-.000	-.207
310	287	-.145	.036	-.038	-.357	310	344	-.507	.244	.092	-2.136	310	394	-.141	.038	-.001	-.298
310	288	-.148	.049	-.015	-.378	310	345	-.533	.305	.155	-2.524	310	401	-.301	.087	-.036	-.747
310	289	-.130	.045	.039	-.362	310	346	-.520	.172	-.040	-2.362	310	402	-.135	.089	.219	-.518
310	290	-.120	.041	.045	-.342	310	347	-.526	.180	-.039	-2.734	310	403	.145	.097	.484	-.301
310	291	-.145	.048	.013	-.476	310	348	-.545	.194	.052	-1.942	310	404	-.151	.094	.148	-.559
310	292	-.155	.048	-.027	-.460	310	349	-.557	.214	.036	-1.566	310	405	-.188	.135	.224	-.861
310	293	-.169	.048	-.049	-.418	310	350	-.509	.197	.126	-1.463	310	406	-.207	.123	.132	-.820
310	301	-.405	.145	-.082	-2.008	310	351	-.510	.250	.269	-1.715	310	407	-.574	.317	.435	-1.678
310	302	-.563	.209	-.141	-1.778	310	352	-.524	.267	.137	-1.812	310	408	.203	.148	.802	-.678
310	303	-.522	.171	-.066	-1.427	310	353	-.557	.169	-.144	-1.714	310	409	.331	.140	.776	-.413
310	304	-.451	.143	-.078	-1.374	310	354	-.563	.166	-.191	-1.656	310	410	.154	.127	.589	-.726
310	305	-.793	.422	.029	-3.663	310	355	-.588	.198	-.084	-1.786	310	411	-.540	.199	.039	-1.521
310	306	-.389	.133	.165	-1.137	310	356	-.488	.192	.092	-1.524	310	412	.178	.163	.703	-.502
310	307	-.522	.190	-.131	-1.795	310	357	-.422	.206	.133	-1.544	310	413	.362	.175	.926	-.504
310	308	-.518	.179	-.138	-1.501	310	358	-.428	.218	.142	-1.654	310	414	.404	.137	.779	-.252
310	309	-.492	.144	-.031	-1.196	310	359	-.620	.209	-.115	-1.934	310	415	.098	.119	.430	-.474
310	310	-.391	.120	.086	-.928	310	360	-.630	.211	-.080	-2.156	310	416	.159	.154	.544	-.622
310	311	-.360	.123	.115	-.969	310	361	-.608	.219	.106	-1.725	310	417	.656	.190	1.232	-.311
310	312	-.460	.164	-.080	-1.334	310	362	-.473	.202	.192	-1.301	310	418	.133	.127	.718	-.587
310	313	-.479	.172	-.077	-1.396	310	363	-.348	.179	.216	-1.159	310	419	.183	.167	.721	-.509
310	314	-.384	.151	.167	-1.155	310	364	-.294	.139	.124	-1.052	310	420	.438	.172	1.015	-.219
310	315	-.366	.145	.162	-1.129	310	365	-.291	.129	.073	-1.230	310	421	.442	.165	.952	-.249
310	316	-.732	.220	-.223	-1.714	310	366	-.568	.213	.030	-1.517	310	422	.438	.151	.935	-.215
310	317	-.680	.169	-.130	-1.303	310	367	-.563	.239	.093	-1.751	310	423	.464	.139	.934	-.055
310	318	-.441	.121	-.139	-.892	310	368	-.321	.192	.126	-1.410	310	424	.425	.130	1.012	-.240
310	319	-.443	.162	-.081	-1.407	310	369	-.178	.114	.288	-.960	310	425	.229	.122	.634	-.383
310	320	-.448	.162	-.098	-1.385	310	370	-.151	.066	.079	-.584	310	426	.078	.155	.669	-.601
310	321	-.474	.179	-.082	-1.462	310	371	-.178	.064	.064	-.618	310	427	.361	.177	1.056	-.282
310	322	-.507	.188	-.049	-1.425	310	372	-.202	.072	.045	-.614	310	428	.625	.181	1.228	-.053
310	323	-.438	.152	-.030	-1.369	310	373	-.269	.106	-.057	-1.039	310	429	.682	.172	1.216	.025
310	324	-.390	.142	.072	-1.039	310	374	-.254	.117	-.005	-1.090	310	430	.650	.151	1.114	.026
310	325	-.403	.180	.117	-1.460	310	375	-.150	.066	.052	-.582	310	431	.415	.129	.911	-.134
310	326	-.408	.150	-.083	-1.178	310	376	-.115	.038	.092	-.279	310	432	.186	.113	.738	-.238
310	327	-.417	.154	-.086	-1.194	310	377	-.126	.033	-.010	-.273	310	433	.026	.141	.558	-.754
310	328	-.445	.165	-.125	-1.369	310	378	-.181	.041	-.036	-.373	310	434	.255	.149	.777	-.346
310	329	-.453	.172	.093	-1.334	310	379	-.197	.055	-.046	-.456	310	435	.547	.177	1.082	-.036
310	330	-.409	.134	.030	-.984	310	380	-.210	.109	.057	-.898	310	436	.644	.173	1.148	.041
310	331	-.436	.186	.144	-1.596	310	381	-.217	.114	.023	-.883	310	437	.611	.159	1.114	-.008
310	332	-.451	.195	.021	-1.504	310	382	-.095	.050	.173	-.427	310	438	.357	.126	.770	-.224
310	333	-.416	.144	-.035	-1.400	310	383	-.092	.036	.092	-.221	310	439	.095	.115	.463	-.547
310	334	-.420	.140	-.071	-1.418	310	384	-.104	.036	.066	-.237	310	440	-.042	.123	.481	-.502
310	335	-.441	.153	.008	-1.192	310	385	-.180	.033	-.073	-.384	310	441	.177	.150	.799	-.353
310	336	-.466	.182	.054	-1.490	310	386	-.188	.039	-.041	-.448	310	442	.459	.175	1.081	-.087
310	337	-.471	.191	.171	-1.433	310	387	-.131	.039	.008	-.282	310	443	.547	.176	1.213	-.085
310	338	-.504	.235	.104	-1.863	310	388	-.115	.029	.050	-.219	310	444	.315	.142	.781	-.301

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	445	.051	.135	.565	-.654
310	446	-.070	.112	.374	-.509
310	447	.096	.132	.632	-.336
310	448	.334	.161	.909	-.104
310	449	.447	.188	1.267	-.126
310	450	.441	.180	1.069	-.137
310	451	.242	.163	.765	-.432
310	452	.038	.139	.535	-.626
310	453	-.116	.125	.342	-.571
310	454	.049	.113	.530	-.316
310	455	.227	.140	1.033	-.127
310	456	.291	.169	.909	-.104
310	457	.136	.162	.734	-.351
310	458	-.059	.135	.563	-.521
310	459	-.223	.133	.278	-.786
310	460	-.048	.091	.315	-.353
310	461	.087	.089	.595	-.175
310	462	.147	.107	.744	-.134
310	463	.171	.135	.934	-.273
310	464	.050	.127	.603	-.357
310	465	-.117	.127	.428	-.566
310	466	-.211	.072	.080	-.502
310	467	-.144	.059	.130	-.347
310	468	-.047	.049	.172	-.217
310	469	.011	.069	.395	-.205
310	470	.043	.082	.527	-.186
310	471	-.029	.094	.400	-.369
310	472	-.123	.090	.237	-.526
310	473	-.149	.062	.165	-.416
310	474	-.075	.056	.194	-.272
310	475	.021	.061	.346	-.118
310	476	.039	.059	.388	-.092
310	477	.021	.051	.282	-.121
310	478	-.045	.052	.201	-.256
310	479	-.108	.049	.132	-.290
310	480	-.086	.082	.318	-.462
310	481	.013	.078	.481	-.196
310	482	.090	.084	.637	-.124
310	483	.113	.080	.570	-.097
310	484	.096	.079	.508	-.085
310	485	.015	.057	.301	-.144
310	486	-.046	.052	.201	-.219
310	487	-.167	.041	-.052	-.344
310	488	-.113	.051	.072	-.345
310	489	-.129	.069	.111	-.477
310	490	-.013	.059	.275	-.362
310	491	-.104	.062	.139	-.419
310	492	-.094	.041	.065	-.280
310	493	-.099	.035	.071	-.247
310	801	-.800	.220	-.198	-1.534
310	802	-.514	.153	-.033	-1.088
310	803	-.190	.151	.332	-.876
310	804	.154	.103	.472	-.399
310	805	-.337	.109	-.001	-1.158
310	806	.507	.148	.898	-.248
310	807	-.328	.090	-.026	-.822
310	808	.247	.117	.606	-.387
310	809	-.354	.102	-.059	-.849
310	810	-.510	.171	-.073	-1.494
310	811	-.502	.152	.044	-1.155
310	812	-.235	.101	.162	-.875
310	813	-.141	.039	-.036	-.293
310	814	-.113	.027	-.012	-.219
310	815	-.109	.035	.030	-.249
310	901	.041	.115	.836	-.242
310	902	-.132	.049	.146	-.375
310	903	-.145	.046	.123	-.340
310	904	.151	.108	.649	-.072
310	905	-.176	.031	-.089	-.321
310	906	.001	.067	.421	-.229
310	907	-.097	.036	.077	-.223
310	908	-.157	.032	-.043	-.301
320	101	-.446	.126	-.068	-1.383
320	102	-.261	.071	-.053	-.798
320	103	-.394	.172	.086	-1.099
320	104	-.692	.138	-.138	-1.307
320	105	-.282	.076	-.001	-.682
320	106	-1.125	.304	.089	-2.438
320	107	-.302	.093	.010	-.672
320	108	-.118	.050	.065	-.352
320	109	-.165	.068	.044	-.645
320	110	-.381	.231	.047	-1.329
320	111	-.792	.311	-.034	-1.991
320	112	-.247	.053	-.053	-.445
320	113	-.564	.162	-.004	-1.106
320	114	-.633	.291	.119	-1.749
320	115	-1.202	.456	.174	-3.255
320	116	-.308	.065	-.089	-.595
320	117	-.402	.110	-.063	-.978
320	118	-.479	.230	-.004	-1.338
320	119	-.246	.055	-.071	-.475
320	120	-.239	.055	-.029	-.475
320	121	-.170	.071	.040	-.675
320	122	-.209	.106	.028	-.925
320	123	-.461	.345	.225	-1.910
320	124	-1.011	.350	-.083	-2.793
320	125	-.998	.342	-.024	-2.777
320	126	-.234	.048	-.064	-.480
320	127	-.206	.048	-.008	-.452
320	128	-.161	.061	.093	-.532
320	129	-.203	.156	.259	-.976
320	130	-.652	.314	.149	-1.733
320	131	-.865	.236	.137	-2.062
320	132	-.841	.214	-.048	-1.926
320	133	-.250	.079	.019	-.990
320	134	-.228	.076	.047	-.772
320	135	-.245	.133	.144	-1.007
320	136	-.381	.213	.104	-1.245
320	137	-.587	.271	.133	-1.570
320	138	-.683	.216	.035	-1.751
320	139	-.672	.219	-.078	-1.873
320	140	-.266	.083	-.020	-.781
320	141	-.251	.089	.088	-.931
320	142	-.254	.109	.128	-.753
320	143	-.504	.223	.123	-1.663
320	144	-.601	.217	-.106	-1.773
320	145	-.574	.221	-.088	-2.106
320	146	-.245	.067	-.009	-.589
320	147	-.232	.065	-.020	-.591
320	148	-.227	.075	.049	-.800
320	149	-.287	.119	.019	-1.031
320	150	-.393	.147	-.006	-1.178
320	151	-.453	.160	-.064	-1.383
320	152	-.444	.148	-.080	-1.360
320	153	-.213	.051	-.024	-.478
320	154	-.199	.044	-.006	-.438
320	155	-.195	.056	.036	-.660
320	156	-.311	.116	-.034	-1.180
320	157	-.386	.133	.006	-1.200
320	158	-.383	.119	-.057	-1.039
320	159	-.194	.048	-.059	-.424
320	160	-.177	.037	-.053	-.357
320	161	-.167	.040	-.020	-.467
320	162	-.182	.054	.026	-.466
320	163	-.238	.090	-.011	-.773
320	164	-.345	.118	-.020	-1.012
320	165	-.364	.114	-.049	-1.031
320	166	-.162	.039	-.060	-.361
320	167	-.156	.032	-.050	-.286
320	168	-.151	.027	-.023	-.309
320	169	-.170	.039	-.020	-.371
320	170	-.204	.056	-.050	-.563
320	171	-.269	.079	-.048	-.896
320	172	-.276	.078	-.076	-.894
320	173	-.152	.030	-.067	-.317
320	174	-.146	.025	-.077	-.258
320	175	-.140	.023	-.064	-.217
320	176	-.149	.027	-.050	-.275
320	177	-.173	.039	-.060	-.357
320	178	-.185	.048	-.061	-.542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	179	-.181	.045	-.064	-.472	320	236	-.269	.053	-.122	-.568	320	286	-.167	.061	-.069	-.733
320	180	-.139	.026	-.033	-.273	320	237	-.264	.060	-.080	-.629	320	287	-.130	.029	-.040	-.242
320	181	-.134	.025	-.010	-.241	320	238	-.259	.072	-.068	-1.043	320	288	-.128	.029	-.013	-.260
320	182	-.130	.024	.003	-.209	320	239	-.260	.083	-.024	-1.179	320	289	-.126	.027	-.023	-.286
320	183	-.134	.024	-.030	-.207	320	240	-.332	.102	-.071	-.934	320	290	-.120	.021	-.035	-.219
320	184	-.149	.036	-.019	-.354	320	241	-.315	.087	-.025	-.761	320	291	-.124	.023	-.045	-.228
320	185	-.173	.055	-.034	-.559	320	242	-.295	.062	-.052	-.510	320	292	-.129	.023	-.062	-.231
320	186	-.179	.062	-.011	-.615	320	243	-.304	.087	-.091	-.871	320	293	-.139	.022	-.075	-.235
320	187	-.113	.025	-.028	-.220	320	244	-.295	.111	-.043	-1.615	320	301	-.329	.063	-.158	-.809
320	188	-.132	.020	-.052	-.204	320	245	-.295	.112	.013	-1.151	320	302	-.381	.095	-.141	-1.057
320	189	-.137	.020	-.046	-.205	320	246	-.317	.094	-.005	-.857	320	303	-.379	.088	-.146	-1.006
320	190	-.140	.020	-.049	-.214	320	247	-.298	.083	.006	-.712	320	304	-.369	.089	-.141	-.953
320	191	-.153	.022	-.069	-.241	320	248	-.279	.064	-.071	-.573	320	305	-.493	.220	-.078	-2.003
320	192	-.162	.023	-.083	-.266	320	249	-.296	.084	-.110	-.838	320	306	-.344	.081	-.048	-.973
320	193	-.172	.027	-.089	-.307	320	250	-.301	.096	-.084	-1.024	320	307	-.409	.145	-.072	-1.785
320	201	-.315	.069	-.060	-.704	320	251	-.296	.120	-.038	-2.033	320	308	-.389	.104	-.091	-.953
320	202	-.325	.068	-.112	-.635	320	252	-.292	.120	-.018	-1.679	320	309	-.414	.111	-.038	-.946
320	203	-.315	.071	-.077	-.648	320	253	-.282	.100	.054	-.734	320	310	-.371	.095	.038	-.834
320	204	-.321	.075	-.059	-.763	320	254	-.265	.085	-.019	-.714	320	311	-.347	.085	-.023	-.782
320	205	-.333	.076	-.085	-.695	320	255	-.246	.069	.038	-.496	320	312	-.348	.091	-.080	-.815
320	206	-.307	.077	-.059	-.836	320	256	-.279	.100	-.085	-1.228	320	313	-.354	.114	-.093	-1.046
320	207	-.349	.089	-.086	-.853	320	257	-.264	.108	-.037	-1.112	320	314	-.334	.088	-.033	-.896
320	208	-.346	.087	-.122	-.892	320	258	-.260	.103	-.035	-.948	320	315	-.332	.104	-.017	-1.320
320	209	-.357	.113	-.116	-1.012	320	259	-.227	.076	.022	-.765	320	316	-.690	.161	-.212	-1.505
320	210	-.337	.086	-.075	-.894	320	260	-.222	.070	.016	-.630	320	317	-.607	.131	-.214	-1.087
320	211	-.375	.110	-.056	-1.209	320	261	-.219	.075	.018	-.627	320	318	-.344	.085	-.112	-.757
320	212	-.284	.069	-.066	-.655	320	262	-.203	.060	.053	-.575	320	319	-.344	.096	-.092	-1.129
320	213	-.313	.080	-.071	-.715	320	263	-.217	.080	-.036	-.593	320	320	-.348	.095	-.095	-1.102
320	214	-.250	.058	-.052	-.524	320	264	-.198	.068	.037	-.536	320	321	-.373	.106	-.119	-1.167
320	215	-.227	.060	-.003	-.517	320	265	-.201	.078	-.000	-.825	320	322	-.387	.124	-.055	-1.229
320	216	-.240	.049	-.101	-.490	320	266	-.200	.075	.022	-.605	320	323	-.370	.110	-.006	-.936
320	217	-.273	.075	-.078	-.638	320	267	-.210	.079	.008	-.639	320	324	-.326	.098	-.016	-.979
320	218	-.416	.099	-.112	-.911	320	268	-.198	.069	-.030	-.543	320	325	-.350	.124	-.021	-.963
320	219	-.278	.068	-.086	-.680	320	269	-.158	.043	.007	-.383	320	326	-.320	.079	-.114	-.856
320	220	-.266	.058	-.108	-.527	320	270	-.170	.064	-.028	-.667	320	327	-.328	.083	-.120	-.879
320	221	-.247	.051	-.057	-.458	320	271	-.155	.054	.022	-.655	320	328	-.345	.089	-.115	-.878
320	222	-.253	.060	-.096	-.672	320	272	-.146	.051	.039	-.533	320	329	-.357	.100	-.095	-.991
320	223	-.281	.059	-.100	-.535	320	273	-.146	.040	-.058	-.474	320	330	-.346	.090	-.099	-1.039
320	224	-.250	.056	-.069	-.476	320	274	-.145	.037	-.064	-.393	320	331	-.378	.138	-.074	-1.287
320	225	-.247	.055	-.055	-.479	320	275	-.131	.027	-.052	-.256	320	332	-.388	.143	-.104	-1.527
320	226	-.288	.066	-.082	-.591	320	276	-.137	.024	-.058	-.243	320	333	-.352	.108	-.049	-1.158
320	227	-.271	.056	-.079	-.530	320	277	-.151	.035	-.073	-.357	320	334	-.356	.104	-.077	-1.141
320	228	-.252	.045	-.064	-.418	320	278	-.160	.048	-.073	-.573	320	335	-.376	.120	-.014	-1.083
320	229	-.255	.052	-.107	-.497	320	279	-.159	.046	-.073	-.529	320	336	-.389	.127	-.014	-1.080
320	230	-.255	.054	-.077	-.489	320	280	-.138	.026	-.046	-.236	320	337	-.403	.137	-.021	-1.356
320	231	-.250	.056	-.043	-.505	320	281	-.142	.028	-.061	-.317	320	338	-.431	.161	-.017	-1.229
320	232	-.246	.055	-.039	-.492	320	282	-.138	.022	-.064	-.233	320	339	-.447	.188	-.069	-1.495
320	233	-.318	.090	-.062	-.797	320	283	-.136	.021	-.052	-.251	320	340	-.409	.126	-.067	-1.012
320	234	-.293	.069	-.093	-.656	320	284	-.139	.023	-.048	-.281	320	341	-.398	.130	-.021	-1.180
320	235	-.273	.052	-.118	-.544	320	285	-.165	.061	-.070	-.723	320	342	-.419	.140	-.031	-1.191

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	343	-.422	.159	.047	-1.326	320	393	-.116	.024	-.023	-.205	320	449	.073	.096	.588	-.324
320	344	-.434	.177	.041	-1.527	320	394	-.127	.027	-.045	-.230	320	450	.056	.096	.589	-.272
320	345	-.465	.214	.018	-1.573	320	401	-.203	.068	.160	-.587	320	451	-.054	.107	.421	-.429
320	346	-.442	.131	-.088	-1.116	320	402	.002	.089	.352	-.324	320	452	-.157	.101	.315	-.500
320	347	-.450	.139	-.056	-1.129	320	403	.232	.110	.580	-.266	320	453	-.118	.081	.275	-.423
320	348	-.471	.156	-.021	-1.398	320	404	-.075	.077	.187	-.395	320	454	-.048	.074	.314	-.276
320	349	-.467	.177	.142	-1.217	320	405	.004	.140	.522	-.533	320	455	.021	.075	.399	-.294
320	350	-.421	.157	.142	-1.101	320	406	-.112	.099	.297	-.597	320	456	.020	.080	.498	-.267
320	351	-.425	.185	.104	-1.339	320	407	.024	.263	.898	-1.244	320	457	-.073	.104	.538	-.420
320	352	-.436	.197	.038	-1.547	320	408	.412	.169	.952	-.150	320	458	-.178	.098	.417	-.558
320	353	-.459	.136	-.049	-1.293	320	409	.446	.164	1.076	-.169	320	459	-.145	.083	.231	-.539
320	354	-.466	.136	-.053	-1.289	320	410	.268	.138	.775	-.372	320	460	-.078	.069	.232	-.367
320	355	-.484	.157	.091	-1.309	320	411	-.330	.184	.418	-.976	320	461	-.046	.050	.221	-.253
320	356	-.380	.132	.021	-.957	320	412	.365	.196	.988	-.573	320	462	-.023	.052	.225	-.176
320	357	-.359	.147	.081	-.980	320	413	.486	.183	1.133	-.275	320	463	-.008	.075	.444	-.247
320	358	-.367	.161	.062	-1.112	320	414	.398	.180	.859	-.606	320	464	-.067	.092	.425	-.355
320	359	-.509	.162	-.115	-1.328	320	415	.094	.125	.501	-.570	320	465	-.160	.108	.355	-.531
320	360	-.515	.164	-.115	-1.554	320	416	.354	.176	1.000	-.305	320	466	-.166	.051	.139	-.370
320	361	-.481	.181	-.017	-1.886	320	417	.656	.215	1.224	-.206	320	467	-.138	.048	.178	-.361
320	362	-.370	.137	.009	-1.156	320	418	.115	.119	.519	-.405	320	468	-.098	.037	.042	-.286
320	363	-.281	.111	.082	-.826	320	419	.295	.217	.986	-.498	320	469	-.067	.046	.127	-.216
320	364	-.238	.090	.085	-.707	320	420	.555	.220	1.316	-.200	320	470	-.041	.059	.266	-.267
320	365	-.240	.091	.090	-.829	320	421	.565	.200	1.168	-.171	320	471	-.076	.082	.290	-.351
320	366	-.449	.154	-.095	-1.278	320	422	.550	.182	1.162	-.147	320	472	-.134	.082	.187	-.407
320	367	-.445	.171	-.019	-1.486	320	423	.517	.173	1.097	-.178	320	473	-.137	.032	-.015	-.290
320	368	-.286	.128	.063	-.946	320	424	.368	.162	.886	-.238	320	474	-.110	.031	.057	-.392
320	369	-.193	.083	.205	-.748	320	425	.166	.143	.747	-.376	320	475	-.070	.034	.104	-.162
320	370	-.163	.055	.011	-.450	320	426	.143	.188	.780	-.534	320	476	-.056	.039	.131	-.168
320	371	-.172	.052	-.021	-.471	320	427	.402	.220	1.097	-.308	320	477	-.058	.041	.128	-.172
320	372	-.182	.056	-.019	-.488	320	428	.575	.230	1.230	-.065	320	478	-.083	.048	.146	-.263
320	373	-.243	.083	-.052	-.850	320	429	.572	.230	1.279	-.129	320	479	-.124	.047	.101	-.315
320	374	-.224	.088	-.045	-1.082	320	430	.504	.209	1.114	-.104	320	480	-.114	.038	.015	-.273
320	375	-.155	.046	.018	-.495	320	431	.280	.177	.810	-.361	320	481	-.073	.039	.085	-.181
320	376	-.130	.031	.000	-.258	320	432	.091	.136	.510	-.488	320	482	-.035	.047	.212	-.159
320	377	-.128	.027	-.028	-.243	320	433	-.028	.163	.762	-.557	320	483	-.018	.049	.235	-.155
320	378	-.138	.026	-.050	-.244	320	434	.140	.169	.952	-.358	320	484	-.021	.052	.235	-.266
320	379	-.136	.027	-.048	-.293	320	435	.292	.186	1.064	-.164	320	485	-.062	.042	.156	-.184
320	380	-.196	.078	-.016	-.726	320	436	.314	.180	1.007	-.108	320	486	-.097	.040	.092	-.263
320	381	-.194	.078	-.011	-.716	320	437	.285	.191	.961	-.185	320	487	-.155	.027	-.037	-.269
320	382	-.119	.036	.121	-.403	320	438	.105	.155	.670	-.310	320	488	-.122	.032	-.002	-.230
320	383	-.114	.030	.009	-.214	320	439	-.072	.133	.385	-.553	320	489	-.119	.036	.006	-.290
320	384	-.115	.029	.017	-.211	320	440	-.124	.112	.465	-.557	320	490	-.075	.037	.130	-.197
320	385	-.139	.024	-.066	-.257	320	441	.004	.129	.639	-.394	320	491	-.111	.041	.149	-.312
320	386	-.138	.024	-.066	-.256	320	442	.142	.128	.718	-.229	320	492	-.106	.037	.050	-.251
320	387	-.133	.032	.056	-.274	320	443	.150	.143	.746	-.211	320	493	-.109	.037	.132	-.331
320	388	-.126	.028	-.014	-.242	320	444	.010	.139	.693	-.443	320	801	-.461	.232	.093	-1.381
320	389	-.124	.026	-.006	-.205	320	445	-.148	.134	.463	-.604	320	802	-.221	.071	.033	-.578
320	390	-.128	.026	-.035	-.237	320	446	-.130	.081	.216	-.441	320	803	.102	.091	.498	-.360
320	391	-.116	.032	.052	-.248	320	447	-.051	.089	.330	-.375	320	804	.250	.101	.626	-.415
320	392	-.117	.026	.017	-.204	320	448	.049	.088	.484	-.283	320	805	-.276	.077	-.002	-.764

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	806	-.566	.158	1.048	-.133	330	133	-.229	.055	.002	-.448	330	183	-.150	.020	-.031	-.233
320	807	-.309	.079	-.104	-.635	330	134	-.192	.053	.094	-.405	330	184	-.154	.021	-.092	-.252
320	808	.379	.129	.781	-.208	330	135	-.130	.070	.380	-.444	330	185	-.157	.028	-.064	-.328
320	809	-.244	.056	-.077	-.505	330	136	-.109	.094	.478	-.591	330	186	-.159	.031	-.058	-.417
320	810	-.394	.138	-.074	-1.173	330	137	-.222	.263	.378	-1.695	330	187	-.109	.022	-.027	-.201
320	811	-.431	.108	-.071	-.858	330	138	-.524	.299	.392	-1.724	330	188	-.154	.021	-.084	-.228
320	812	-.141	.125	.234	-.826	330	139	-.570	.274	.456	-1.647	330	189	-.154	.020	-.090	-.232
320	813	-.128	.027	-.042	-.249	330	140	-.255	.069	-.016	-.702	330	190	-.157	.019	-.091	-.219
320	814	-.114	.024	.003	-.205	330	141	-.221	.061	.047	-.487	330	191	-.158	.019	-.100	-.230
320	815	-.117	.031	.062	-.266	330	142	-.172	.059	.066	-.468	330	192	-.165	.020	-.103	-.247
320	901	-.067	.050	.275	-.185	330	143	-.287	.191	.152	-1.266	330	193	-.165	.020	-.107	-.267
320	902	-.136	.028	-.014	-.231	330	144	-.483	.224	.181	-1.659	330	201	-.263	.055	-.077	-.679
320	903	-.133	.025	-.019	-.259	330	145	-.507	.212	.346	-1.753	330	202	-.276	.051	-.113	-.485
320	904	.001	.061	.432	-.141	330	146	-.267	.086	-.025	-.643	330	203	-.267	.052	-.110	-.469
320	905	-.138	.022	-.073	-.263	330	147	-.236	.068	-.027	-.507	330	204	-.260	.049	-.095	-.528
320	906	-.081	.042	.123	-.219	330	148	-.191	.055	-.034	-.435	330	205	-.282	.063	-.081	-.582
320	907	-.117	.032	.005	-.235	330	149	-.199	.079	.031	-.730	330	206	-.255	.064	-.044	-.855
320	908	-.131	.024	-.053	-.226	330	150	-.280	.124	.005	-.985	330	207	-.290	.073	-.082	-.614
330	101	-.326	.085	-.014	-.929	330	151	-.402	.155	.106	-1.338	330	208	-.289	.071	-.079	-.770
330	102	-.198	.049	-.041	-.389	330	152	-.408	.143	-.016	-1.228	330	209	-.318	.099	-.105	-.893
330	103	-.032	.084	.164	-.767	330	153	-.229	.078	-.033	-.730	330	210	-.283	.067	-.117	-.772
330	104	-.344	.165	.274	-1.001	330	154	-.205	.054	-.037	-.475	330	211	-.311	.093	-.108	-1.157
330	105	-.212	.057	.008	-.572	330	155	-.182	.047	-.043	-.410	330	212	-.253	.057	-.079	-.587
330	106	-.515	.304	.373	-1.598	330	156	-.237	.088	-.025	-.681	330	213	-.271	.068	-.063	-.647
330	107	-.281	.088	.050	-.762	330	157	-.330	.124	.008	-1.079	330	214	-.222	.049	-.032	-.414
330	108	-.018	.059	.167	-.482	330	158	-.343	.113	-.044	-.978	330	215	-.206	.054	-.031	-.434
330	109	.003	.076	.295	-.459	330	159	-.190	.055	-.059	-.509	330	216	-.205	.044	-.079	-.402
330	110	.018	.112	.385	-.936	330	160	-.173	.039	-.071	-.431	330	217	-.279	.078	-.028	-.584
330	111	-.143	.163	.347	-1.756	330	161	-.161	.034	-.017	-.324	330	218	-.421	.089	-.056	-.782
330	112	-.198	.050	.028	-.438	330	162	-.171	.040	-.039	-.421	330	219	-.242	.053	-.101	-.485
330	113	-.435	.135	.086	-1.007	330	163	-.209	.065	-.031	-.567	330	220	-.233	.047	-.105	-.449
330	114	-.030	.149	.311	-1.272	330	164	-.300	.101	-.016	-.950	330	221	-.221	.049	-.084	-.445
330	115	-.589	.367	.626	-2.972	330	165	-.331	.109	-.060	-.946	330	222	-.240	.066	-.028	-.770
330	116	-.244	.058	-.023	-.614	330	166	-.149	.032	-.039	-.344	330	223	-.253	.050	-.085	-.422
330	117	-.180	.098	.357	-.673	330	167	-.148	.028	-.050	-.282	330	224	-.221	.048	-.046	-.395
330	118	-.048	.111	.271	-1.235	330	168	-.149	.027	-.053	-.268	330	225	-.228	.052	-.084	-.443
330	119	-.217	.050	-.003	-.389	330	169	-.164	.035	-.051	-.379	330	226	-.253	.055	-.065	-.527
330	120	-.167	.055	.063	-.380	330	170	-.189	.044	-.055	-.405	330	227	-.244	.050	-.092	-.525
330	121	-.027	.082	.238	-.496	330	171	-.224	.065	-.029	-.607	330	228	-.237	.046	-.079	-.423
330	122	-.009	.084	.220	-.494	330	172	-.225	.064	-.062	-.591	330	229	-.238	.049	-.105	-.448
330	123	.058	.112	.333	-.709	330	173	-.155	.024	-.074	-.295	330	230	-.234	.049	-.089	-.433
330	124	-.518	.422	.550	-2.292	330	174	-.158	.024	-.077	-.294	330	231	-.227	.050	-.087	-.427
330	125	-.539	.377	.797	-2.567	330	175	-.152	.020	-.055	-.242	330	232	-.222	.049	-.093	-.425
330	126	-.207	.048	-.020	-.370	330	176	-.155	.020	-.075	-.266	330	233	-.289	.065	-.107	-.626
330	127	-.156	.050	.154	-.345	330	177	-.158	.021	-.095	-.328	330	234	-.276	.055	-.110	-.567
330	128	-.061	.062	.269	-.396	330	178	-.163	.025	-.081	-.329	330	235	-.271	.057	-.094	-.546
330	129	-.013	.083	.252	-.423	330	179	-.159	.025	-.086	-.299	330	236	-.268	.061	-.121	-.589
330	130	.012	.155	.322	-1.095	330	180	-.151	.028	-.033	-.256	330	237	-.269	.073	-.056	-.779
330	131	-.489	.344	.644	-2.519	330	181	-.150	.028	-.017	-.243	330	238	-.255	.067	-.054	-.701
330	132	-.512	.289	.459	-2.361	330	182	-.150	.023	-.009	-.228	330	239	-.253	.068	-.050	-.682

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	240	-.318	.080	-.088	-.816	330	290	-.139	.020	-.072	-.211	330	347	-.307	.117	-.013	-1.404
330	241	-.289	.071	-.081	-.668	330	291	-.135	.020	-.066	-.205	330	348	-.306	.109	.001	-.972
330	242	-.291	.070	-.115	-.610	330	292	-.136	.018	-.071	-.194	330	349	-.306	.109	-.010	-.976
330	243	-.319	.110	-.103	-.991	330	293	-.139	.021	-.039	-.224	330	350	-.278	.083	-.000	-.648
330	244	-.292	.105	-.067	-1.060	330	301	-.270	.072	-.091	-.973	330	351	-.283	.103	.042	-.884
330	245	-.286	.111	.002	-.992	330	302	-.305	.085	-.093	-.873	330	352	-.287	.107	-.006	-1.001
330	246	-.279	.082	-.040	-.676	330	303	-.305	.084	-.067	-.938	330	353	-.279	.087	-.051	-1.168
330	247	-.262	.075	-.031	-.661	330	304	-.308	.086	-.076	-.848	330	354	-.282	.083	-.077	-.786
330	248	-.245	.064	-.032	-.594	330	305	-.343	.132	-.019	-1.293	330	355	-.293	.088	-.044	-.740
330	249	-.287	.104	-.024	-1.018	330	306	-.295	.082	-.077	-.932	330	356	-.255	.066	-.040	-.541
330	250	-.344	.148	-.054	-1.293	330	307	-.405	.176	.008	-1.724	330	357	-.258	.088	-.021	-.842
330	251	-.344	.166	.079	-1.532	330	308	-.336	.108	-.017	-1.083	330	358	-.267	.098	.025	-.886
330	252	-.336	.161	.050	-1.301	330	309	-.330	.108	-.062	-.842	330	359	-.324	.100	-.067	-.981
330	253	-.257	.073	-.033	-.821	330	310	-.300	.088	-.071	-.730	330	360	-.328	.100	-.076	-.882
330	254	-.236	.061	-.049	-.570	330	311	-.289	.083	-.031	-.749	330	361	-.310	.100	-.051	-.935
330	255	-.209	.057	-.084	-.478	330	312	-.282	.098	.021	-.780	330	362	-.269	.078	-.000	-.834
330	256	-.206	.084	-.032	-.900	330	313	-.287	.111	.003	-.862	330	363	-.209	.059	.001	-.566
330	257	-.216	.099	-.012	-1.386	330	314	-.277	.075	-.030	-.639	330	364	-.179	.049	-.017	-.530
330	258	-.213	.098	-.029	-1.279	330	315	-.272	.090	-.037	-.981	330	365	-.180	.056	-.028	-.638
330	259	-.196	.054	-.040	-.541	330	316	-.510	.152	-.073	-1.013	330	366	-.292	.098	-.032	-.850
330	260	-.192	.052	-.051	-.444	330	317	-.306	.096	-.068	-.685	330	367	-.294	.110	-.010	-.970
330	261	-.185	.050	-.000	-.524	330	318	-.224	.057	-.043	-.511	330	368	-.222	.080	-.006	-.622
330	262	-.156	.039	-.016	-.362	330	319	-.273	.086	-.040	-.701	330	369	-.161	.050	.017	-.466
330	263	-.147	.043	-.036	-.415	330	320	-.277	.086	-.040	-.715	330	370	-.138	.034	-.002	-.300
330	264	-.139	.045	-.020	-.807	330	321	-.307	.098	-.026	-.815	330	371	-.134	.030	-.033	-.304
330	265	-.141	.050	-.000	-.522	330	322	-.309	.115	-.039	-1.154	330	372	-.136	.030	-.033	-.279
330	266	-.162	.049	-.030	-.449	330	323	-.275	.093	-.042	-.789	330	373	-.194	.055	-.029	-.579
330	267	-.166	.051	-.038	-.389	330	324	-.255	.081	-.055	-.780	330	374	-.177	.049	-.040	-.537
330	268	-.151	.044	-.002	-.325	330	325	-.273	.096	-.039	-1.054	330	375	-.150	.028	-.057	-.307
330	269	-.130	.030	-.012	-.241	330	326	-.276	.081	-.027	-.682	330	376	-.144	.026	-.035	-.287
330	270	-.123	.030	-.044	-.320	330	327	-.283	.087	.008	-.744	330	377	-.141	.024	-.067	-.276
330	271	-.118	.032	-.031	-.370	330	328	-.296	.092	.024	-.877	330	378	-.143	.024	-.068	-.275
330	272	-.113	.030	-.025	-.365	330	329	-.289	.089	.003	-.696	330	379	-.142	.023	-.069	-.258
330	273	-.142	.023	-.077	-.275	330	330	-.273	.071	-.066	-.650	330	380	-.169	.043	-.063	-.420
330	274	-.139	.023	-.079	-.276	330	331	-.281	.085	-.069	-.966	330	381	-.164	.041	-.067	-.432
330	275	-.138	.023	-.075	-.273	330	332	-.287	.090	-.078	-.871	330	382	-.142	.025	-.056	-.259
330	276	-.134	.022	-.041	-.239	330	333	-.314	.113	-.037	-.857	330	383	-.139	.023	-.067	-.229
330	277	-.135	.020	-.053	-.200	330	334	-.319	.108	-.052	-.789	330	384	-.140	.025	-.039	-.235
330	278	-.135	.020	-.055	-.211	330	335	-.332	.125	-.006	-1.020	330	385	-.147	.024	-.074	-.257
330	279	-.140	.021	-.054	-.233	330	336	-.333	.117	-.031	-1.017	330	386	-.146	.024	-.070	-.254
330	280	-.140	.021	-.055	-.213	330	337	-.323	.108	-.013	-.781	330	387	-.143	.037	.054	-.342
330	281	-.146	.022	-.079	-.235	330	338	-.325	.106	-.075	-.900	330	388	-.139	.028	-.002	-.247
330	282	-.143	.022	-.083	-.230	330	339	-.335	.122	-.069	-1.092	330	389	-.134	.025	-.036	-.230
330	283	-.141	.021	-.084	-.223	330	340	-.337	.139	.021	-1.295	330	390	-.145	.025	-.047	-.230
330	284	-.141	.020	-.076	-.217	330	341	-.345	.147	.043	-1.172	330	391	-.117	.040	.148	-.222
330	285	-.146	.019	-.074	-.226	330	342	-.350	.144	.018	-1.248	330	392	-.132	.023	-.051	-.217
330	286	-.148	.020	-.074	-.242	330	343	-.318	.109	-.028	-.882	330	393	-.129	.021	-.048	-.200
330	287	-.147	.025	-.066	-.247	330	344	-.316	.114	-.040	-1.211	330	394	-.140	.024	-.068	-.247
330	288	-.144	.026	-.069	-.246	330	345	-.317	.118	-.030	-1.058	330	401	-.130	.059	.108	-.373
330	289	-.147	.024	-.074	-.242	330	346	-.303	.109	-.039	-1.245	330	402	.200	.098	.571	-.257

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	403	.267	.105	.662	-.146	330	453	-.156	.070	.206	-.438	330	810	-.326	.108	.020	-.881
330	404	-.059	.062	.195	-.380	330	454	-.113	.067	.213	-.361	330	811	-.347	.101	-.065	-.785
330	405	.340	.151	.815	-.329	330	455	-.072	.070	.332	-.311	330	812	-.162	.137	.270	-.630
330	406	-.085	.075	.201	-.389	330	456	-.074	.065	.195	-.361	330	813	-.145	.022	-.077	-.224
330	407	.152	.235	1.001	-.593	330	457	-.147	.073	.199	-.506	330	814	-.129	.021	-.031	-.207
330	408	.553	.177	1.048	-.102	330	458	-.223	.076	.078	-.660	330	815	-.135	.027	.059	-.294
330	409	.432	.167	.934	-.238	330	459	-.173	.049	.047	-.395	330	901	-.121	.029	.049	-.210
330	410	.267	.140	.792	-.461	330	460	-.145	.046	.094	-.357	330	902	-.151	.019	-.031	-.221
330	411	-.202	.137	.304	-.760	330	461	-.117	.045	.047	-.380	330	903	-.146	.018	-.011	-.212
330	412	.599	.212	1.166	-.260	330	462	-.098	.044	.118	-.297	330	904	-.095	.033	.141	-.196
330	413	.518	.177	1.018	-.121	330	463	-.094	.051	.130	-.322	330	905	-.139	.019	-.074	-.219
330	414	.277	.194	.785	-.598	330	464	-.138	.058	.155	-.347	330	906	-.131	.025	.016	-.211
330	415	.017	.117	.408	-.485	330	465	-.195	.066	.103	-.485	330	907	-.139	.023	-.061	-.223
330	416	.533	.198	1.100	-.126	330	466	-.163	.030	-.057	-.361	330	908	-.140	.021	-.078	-.227
330	417	.506	.200	1.099	-.109	330	467	-.154	.030	-.021	-.306	340	101	-.250	.076	.027	-.512
330	418	.004	.104	.398	-.442	330	468	-.136	.031	-.012	-.269	340	102	-.163	.046	-.017	-.331
330	419	.523	.248	1.166	-.395	330	469	-.115	.039	.066	-.268	340	103	.075	.061	.330	-.163
330	420	.614	.234	1.199	-.154	330	470	-.099	.047	.147	-.249	340	104	.073	.149	.538	-.593
330	421	.570	.203	1.092	-.135	330	471	-.118	.057	.104	-.365	340	105	-.194	.067	-.008	-.614
330	422	.509	.184	.960	-.155	330	472	-.147	.057	.065	-.401	340	106	.179	.236	.732	-.796
330	423	.431	.173	.952	-.259	330	473	-.151	.022	-.055	-.241	340	107	-.339	.103	.055	-.889
330	424	.209	.149	.641	-.416	330	474	-.141	.023	-.072	-.266	340	108	.076	.074	.364	-.326
330	425	.033	.117	.418	-.361	330	475	-.121	.024	-.034	-.219	340	109	.164	.092	.496	-.219
330	426	.396	.229	1.138	-.318	330	476	-.113	.027	.010	-.216	340	110	.238	.103	.619	-.180
330	427	.515	.237	1.227	-.136	330	477	-.111	.032	.089	-.236	340	111	.152	.114	.701	-.405
330	428	.518	.210	1.225	-.097	330	478	-.122	.039	.140	-.287	340	112	-.141	.071	.212	-.445
330	429	.432	.202	1.076	-.114	330	479	-.133	.038	.085	-.292	340	113	-.359	.209	.480	-1.453
330	430	.336	.171	.953	-.124	330	480	-.136	.024	-.026	-.235	340	114	.267	.116	.602	-.255
330	431	.118	.139	.639	-.299	330	481	-.121	.025	-.008	-.213	340	115	.175	.307	.901	-1.272
330	432	-.038	.104	.377	-.383	330	482	-.106	.030	.075	-.203	340	116	-.191	.064	.050	-.419
330	433	.054	.188	.808	-.506	330	483	-.098	.032	.049	-.247	340	117	.042	.128	.666	-.352
330	434	.147	.173	.804	-.271	330	484	-.099	.034	.073	-.198	340	118	.153	.092	.541	-.218
330	435	.200	.160	.843	-.249	330	485	-.116	.031	.047	-.229	340	119	-.184	.073	.168	-.459
330	436	.182	.140	.711	-.213	330	486	-.131	.029	.070	-.261	340	120	-.085	.091	.383	-.433
330	437	.116	.132	.633	-.273	330	487	-.160	.020	-.091	-.238	340	121	.111	.108	.656	-.410
330	438	-.045	.104	.384	-.378	330	488	-.153	.024	-.063	-.238	340	122	.164	.108	.607	-.350
330	439	-.181	.100	.250	-.508	330	489	-.147	.028	-.048	-.248	340	123	.254	.113	.704	-.238
330	440	-.129	.108	.362	-.585	330	490	-.119	.026	-.016	-.226	340	124	.224	.296	1.042	-1.473
330	441	-.043	.116	.535	-.518	330	491	-.120	.027	-.008	-.207	340	125	.116	.334	1.051	-1.262
330	442	.026	.101	.528	-.287	330	492	-.113	.031	.069	-.238	340	126	-.199	.073	.137	-.473
330	443	.000	.092	.429	-.334	330	493	-.104	.044	.245	-.267	340	127	-.107	.089	.344	-.457
330	444	-.124	.088	.289	-.427	330	801	-.044	.134	.322	-.728	340	128	.049	.104	.481	-.311
330	445	-.243	.094	.117	-.702	330	802	-.063	.092	.273	-.434	340	129	.129	.121	.752	-.289
330	446	-.163	.071	.123	-.449	330	803	.156	.162	.703	-.466	340	130	.207	.125	.666	-.428
330	447	-.113	.077	.238	-.412	330	804	.267	.112	.547	-.385	340	131	.094	.354	.924	-1.742
330	448	-.050	.077	.254	-.309	330	805	-.296	.069	-.087	-.727	340	132	.001	.339	.988	-1.367
330	449	-.036	.084	.308	-.303	330	806	.531	.169	.893	-.362	340	133	-.253	.097	.164	-.742
330	450	-.053	.077	.268	-.292	330	807	-.360	.077	-.124	-.816	340	134	-.192	.093	.255	-.584
330	451	-.150	.082	.153	-.475	330	808	.443	.155	.829	-.431	340	135	-.086	.113	.558	-.516
330	452	-.241	.086	.042	-.654	330	809	-.195	.059	-.011	-.431	340	136	-.022	.121	.594	-.412

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	137	.001	.165	.587	-1.176	340	187	-.121	.030	.016	-.240	340	244	-.298	.117	.055	-1.468
340	138	-.143	.337	.749	-1.373	340	188	-.166	.035	-.038	-.290	340	245	-.284	.109	.104	-1.047
340	139	-.202	.357	.917	-1.406	340	189	-.169	.034	-.027	-.274	340	246	-.393	.093	-.071	-.998
340	140	-.277	.109	.092	-.788	340	190	-.166	.033	.009	-.270	340	247	-.379	.092	.018	-.808
340	141	-.239	.099	.120	-.693	340	191	-.189	.028	-.098	-.361	340	248	-.345	.087	-.024	-.795
340	142	-.171	.086	.203	-.475	340	192	-.199	.025	-.081	-.311	340	249	-.320	.103	.008	-.958
340	143	-.144	.140	.318	-.856	340	193	-.197	.022	-.096	-.281	340	250	-.322	.146	.058	-1.522
340	144	-.238	.241	.503	-1.226	340	201	-.274	.057	-.090	-.503	340	251	-.309	.166	.132	-2.022
340	145	-.270	.255	.608	-1.237	340	202	-.292	.058	-.144	-.549	340	252	-.297	.151	.077	-1.314
340	146	-.267	.109	.064	-.886	340	203	-.279	.057	-.110	-.586	340	253	-.366	.104	-.066	-.912
340	147	-.234	.087	.072	-.706	340	204	-.271	.056	-.125	-.663	340	254	-.365	.105	.000	-.909
340	148	-.187	.068	.094	-.457	340	205	-.312	.073	-.049	-.721	340	255	-.332	.102	-.026	-.815
340	149	-.178	.078	.143	-.498	340	206	-.285	.093	-.075	-1.507	340	256	-.290	.146	.031	-1.453
340	150	-.191	.099	.106	-.711	340	207	-.313	.078	-.022	-.938	340	257	-.286	.171	.047	-1.957
340	151	-.247	.154	.196	-.950	340	208	-.321	.079	-.070	-.820	340	258	-.278	.160	.044	-1.421
340	152	-.271	.155	.191	-.989	340	209	-.384	.126	-.107	-1.169	340	259	-.280	.117	.020	-.951
340	153	-.223	.086	.004	-.777	340	210	-.314	.084	-.104	-.949	340	260	-.278	.121	.005	-1.086
340	154	-.199	.060	.021	-.567	340	211	-.348	.120	-.088	-1.150	340	261	-.239	.080	.193	-.812
340	155	-.177	.050	.105	-.445	340	212	-.283	.065	-.068	-.567	340	262	-.235	.081	.151	-.701
340	156	-.184	.067	.069	-.546	340	213	-.321	.080	-.109	-.754	340	263	-.261	.136	-.002	-1.458
340	157	-.243	.102	.036	-.703	340	214	-.242	.062	-.020	-.487	340	264	-.256	.158	-.004	-1.763
340	158	-.268	.099	.047	-.714	340	215	-.224	.069	.022	-.491	340	265	-.252	.168	.071	-2.005
340	159	-.181	.055	-.048	-.560	340	216	-.221	.056	-.037	-.441	340	266	-.187	.087	-.040	-.874
340	160	-.167	.041	-.060	-.506	340	217	-.358	.093	-.099	-.734	340	267	-.188	.089	-.042	-.934
340	161	-.162	.036	-.015	-.452	340	218	-.523	.103	-.119	-.912	340	268	-.164	.049	-.019	-.479
340	162	-.165	.037	-.057	-.343	340	219	-.268	.065	-.064	-.674	340	269	-.191	.069	-.009	-.677
340	163	-.180	.046	-.048	-.405	340	220	-.256	.058	-.066	-.615	340	270	-.222	.111	-.033	-1.186
340	164	-.227	.074	-.035	-.619	340	221	-.255	.068	-.059	-.632	340	271	-.241	.140	-.002	-1.705
340	165	-.258	.081	.013	-.682	340	222	-.286	.092	-.080	-1.002	340	272	-.231	.127	-.017	-1.490
340	166	-.159	.036	.068	-.442	340	223	-.293	.063	-.130	-.577	340	273	-.146	.023	-.068	-.256
340	167	-.157	.032	.055	-.330	340	224	-.248	.061	-.061	-.540	340	274	-.144	.022	-.065	-.253
340	168	-.158	.030	-.044	-.262	340	225	-.237	.060	-.020	-.658	340	275	-.142	.022	-.074	-.245
340	169	-.165	.029	-.038	-.389	340	226	-.278	.067	-.093	-.595	340	276	-.143	.022	-.068	-.241
340	170	-.174	.029	-.073	-.312	340	227	-.266	.062	-.084	-.581	340	277	-.148	.031	-.033	-.350
340	171	-.199	.037	-.090	-.391	340	228	-.255	.055	-.088	-.532	340	278	-.158	.046	-.012	-.574
340	172	-.203	.038	-.086	-.401	340	229	-.270	.067	-.090	-.571	340	279	-.163	.049	-.008	-.603
340	173	-.166	.040	-.015	-.393	340	230	-.265	.063	-.053	-.622	340	280	-.142	.021	-.072	-.236
340	174	-.164	.041	.002	-.440	340	231	-.258	.062	-.013	-.531	340	281	-.147	.024	-.075	-.268
340	175	-.157	.039	.012	-.373	340	232	-.252	.060	-.022	-.518	340	282	-.143	.022	-.072	-.237
340	176	-.162	.035	-.017	-.430	340	233	-.335	.087	-.066	-1.091	340	283	-.143	.024	-.053	-.238
340	177	-.171	.031	-.051	-.365	340	234	-.316	.075	-.099	-.854	340	284	-.147	.028	-.032	-.277
340	178	-.171	.029	-.071	-.390	340	235	-.304	.080	-.108	-.940	340	285	-.159	.042	-.040	-.534
340	179	-.170	.029	-.077	-.387	340	236	-.299	.093	-.074	-1.382	340	286	-.163	.048	-.036	-.667
340	180	-.138	.043	.137	-.328	340	237	-.286	.090	-.075	-.862	340	287	-.140	.023	-.060	-.228
340	181	-.134	.045	.118	-.338	340	238	-.275	.081	-.049	-.783	340	288	-.140	.020	-.063	-.217
340	182	-.132	.047	.185	-.273	340	239	-.273	.083	-.029	-.705	340	289	-.137	.022	-.010	-.223
340	183	-.139	.038	.079	-.268	340	240	-.363	.082	-.088	-.842	340	290	-.137	.023	-.055	-.210
340	184	-.148	.031	.019	-.250	340	241	-.340	.081	-.046	-.841	340	291	-.140	.025	-.048	-.235
340	185	-.147	.030	-.008	-.286	340	242	-.319	.078	-.026	-.715	340	292	-.144	.027	-.049	-.236
340	186	-.157	.035	-.014	-.334	340	243	-.317	.132	.026	-1.711	340	293	-.157	.035	.105	-.362

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	301	-.270	.054	-.099	-.536	340	351	-.427	.112	-.107	-.989	340	407	.221	.157	.979	-.427
340	302	-.288	.056	-.114	-.815	340	352	-.435	.119	-.106	-.986	340	408	.583	.153	1.120	-.198
340	303	-.295	.057	-.113	-.779	340	353	-.429	.156	-.046	-1.604	340	409	.403	.126	.813	-.221
340	304	-.309	.063	-.129	-.588	340	354	-.435	.155	-.078	-1.500	340	410	.235	.101	.602	-.213
340	305	-.292	.060	-.128	-.731	340	355	-.457	.162	-.098	-1.475	340	411	-.293	.115	.196	-.788
340	306	-.308	.056	-.125	-.540	340	356	-.390	.107	-.057	-.899	340	412	.714	.194	1.281	-.303
340	307	-.360	.100	-.105	-1.137	340	357	-.358	.103	-.077	-.855	340	413	.522	.147	.961	-.127
340	308	-.309	.064	-.153	-.659	340	358	-.362	.109	-.076	-1.017	340	414	.129	.172	.645	-.906
340	309	-.311	.067	-.075	-.724	340	359	-.391	.173	-.033	-1.751	340	415	-.060	.081	.287	-.461
340	310	-.313	.065	-.094	-.684	340	360	-.400	.175	-.003	-1.586	340	416	.651	.199	1.153	-.132
340	311	-.308	.064	-.109	-.624	340	361	-.357	.157	.306	-1.152	340	417	.452	.155	.937	-.207
340	312	-.289	.076	-.062	-.727	340	362	-.263	.113	.125	-.754	340	418	-.075	.083	.301	-.466
340	313	-.303	.082	-.064	-.656	340	363	-.209	.084	.059	-.561	340	419	.719	.213	1.292	-.598
340	314	-.300	.063	-.071	-.659	340	364	-.196	.069	.010	-.617	340	420	.704	.195	1.182	-.182
340	315	-.302	.066	-.084	-.602	340	365	-.217	.076	.003	-.899	340	421	.565	.163	1.052	-.299
340	316	-.569	.100	-.243	-.982	340	366	-.219	.094	-.010	-.770	340	422	.481	.145	.939	-.156
340	317	-.275	.071	-.062	-.616	340	367	-.224	.103	-.031	-.960	340	423	.392	.131	.754	-.183
340	318	-.225	.052	-.058	-.432	340	368	-.194	.070	.044	-.697	340	424	.132	.107	.479	-.498
340	319	-.275	.061	-.096	-.523	340	369	-.158	.045	.045	-.367	340	425	-.041	.083	.298	-.451
340	320	-.278	.061	-.102	-.534	340	370	-.136	.032	-.021	-.294	340	426	.578	.229	1.144	-.488
340	321	-.297	.065	-.097	-.567	340	371	-.140	.031	-.006	-.308	340	427	.600	.229	1.171	-.468
340	322	-.307	.084	-.094	-.963	340	372	-.148	.033	-.037	-.324	340	428	.520	.195	1.027	-.215
340	323	-.288	.071	-.087	-.644	340	373	-.157	.033	-.026	-.409	340	429	.418	.180	.871	-.240
340	324	-.289	.072	-.077	-.821	340	374	-.150	.029	-.017	-.382	340	430	.302	.145	.752	-.227
340	325	-.297	.076	-.079	-.649	340	375	-.146	.023	-.053	-.305	340	431	.066	.108	.524	-.390
340	326	-.269	.054	-.082	-.585	340	376	-.141	.019	-.066	-.209	340	432	-.087	.080	.224	-.381
340	327	-.274	.056	-.078	-.608	340	377	-.140	.018	-.060	-.210	340	433	.174	.226	.893	-.820
340	328	-.284	.057	-.133	-.617	340	378	-.142	.020	-.067	-.238	340	434	.210	.197	.874	-.528
340	329	-.299	.062	-.106	-.547	340	379	-.143	.021	-.070	-.234	340	435	.192	.174	.752	-.304
340	330	-.297	.058	-.134	-.569	340	380	-.151	.034	-.017	-.559	340	436	.149	.151	.678	-.272
340	331	-.315	.085	-.116	-.848	340	381	-.144	.027	-.026	-.378	340	437	.067	.136	.566	-.343
340	332	-.322	.092	-.109	-.921	340	382	-.139	.022	-.055	-.223	340	438	-.093	.100	.284	-.402
340	333	-.298	.066	-.044	-.607	340	383	-.139	.020	-.061	-.217	340	439	-.218	.094	.116	-.567
340	334	-.300	.063	-.060	-.603	340	384	-.139	.020	-.068	-.219	340	440	-.075	.147	.595	-.711
340	335	-.314	.068	-.100	-.725	340	385	-.141	.020	-.079	-.222	340	441	-.047	.134	.540	-.562
340	336	-.324	.068	-.124	-.585	340	386	-.142	.020	-.076	-.226	340	442	-.040	.106	.439	-.459
340	337	-.335	.075	-.146	-.848	340	387	-.151	.024	-.053	-.246	340	443	-.090	.099	.291	-.454
340	338	-.351	.085	-.143	-.788	340	388	-.142	.020	-.061	-.219	340	444	-.199	.094	.101	-.528
340	339	-.361	.094	-.138	-.949	340	389	-.137	.019	-.053	-.234	340	445	-.303	.105	.035	-.778
340	340	-.338	.081	-.100	-.830	340	390	-.139	.021	-.081	-.221	340	446	-.163	.101	.275	-.688
340	341	-.358	.089	-.037	-1.061	340	391	-.161	.026	-.065	-.241	340	447	-.135	.100	.325	-.646
340	342	-.370	.093	-.060	-1.430	340	392	-.154	.020	-.078	-.223	340	448	-.111	.084	.248	-.422
340	343	-.389	.090	-.091	-.803	340	393	-.152	.019	-.081	-.208	340	449	-.120	.090	.340	-.482
340	344	-.404	.100	-.097	-.892	340	394	-.150	.022	-.067	-.231	340	450	-.139	.081	.148	-.483
340	345	-.401	.103	-.101	-1.061	340	401	-.107	.055	.148	-.397	340	451	-.225	.094	.113	-.617
340	346	-.386	.111	-.060	-1.053	340	402	.328	.099	.669	-.411	340	452	-.305	.106	-.008	-.909
340	347	-.392	.116	-.051	-.940	340	403	.250	.089	.564	-.207	340	453	-.208	.078	.204	-.656
340	348	-.406	.119	-.144	-.982	340	404	-.094	.056	.186	-.412	340	454	-.177	.072	.134	-.533
340	349	-.428	.132	-.039	-1.108	340	405	.524	.136	.909	-.245	340	455	-.145	.076	.173	-.468
340	350	-.422	.110	-.100	-1.074	340	406	-.124	.064	.134	-.528	340	456	-.140	.069	.182	-.457

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	457	-.201	.084	.096	-.555	340	814	-.149	.019	-.089	-.213	350	141	-.269	.113	.285	-.746
340	458	-.275	.096	.050	-.767	340	815	-.162	.025	-.081	-.250	350	142	-.203	.096	.175	-.510
340	459	-.224	.059	-.010	-.494	340	901	-.139	.032	.073	-.261	350	143	-.222	.182	.248	-1.288
340	460	-.200	.057	.015	-.467	340	902	-.141	.042	.232	-.261	350	144	-.427	.314	.369	-1.958
340	461	-.193	.059	.004	-.449	340	903	-.140	.038	.237	-.252	350	145	-.493	.322	.458	-1.926
340	462	-.174	.055	.026	-.385	340	904	-.114	.046	.065	-.253	350	146	-.301	.121	.076	-1.109
340	463	-.160	.061	.080	-.399	340	905	-.143	.022	-.071	-.235	350	147	-.263	.103	.113	-.884
340	464	-.173	.064	.013	-.436	340	906	-.139	.036	.224	-.230	350	148	-.206	.084	.108	-.701
340	465	-.207	.084	-.003	-.719	340	907	-.138	.021	-.065	-.209	350	149	-.200	.093	.078	-.703
340	466	-.221	.035	-.124	-.433	340	908	-.140	.019	-.077	-.213	350	150	-.241	.136	.067	-1.266
340	467	-.216	.036	-.107	-.404	350	101	-.125	.091	.149	-1.157	350	151	-.373	.226	.155	-1.701
340	468	-.206	.037	-.096	-.398	350	102	-.116	.077	.200	-.562	350	152	-.405	.220	.073	-1.704
340	469	-.190	.044	.026	-.402	350	103	.148	.132	.648	-.536	350	153	-.273	.110	-.019	-.878
340	470	-.172	.045	.017	-.359	350	104	.261	.205	.674	-.806	350	154	-.229	.080	.024	-.646
340	471	-.167	.053	.102	-.480	350	105	-.144	.106	.338	-1.021	350	155	-.192	.071	.076	-.576
340	472	-.172	.056	.077	-.548	350	106	.369	.247	.911	-1.102	350	156	-.220	.090	.049	-.725
340	473	-.172	.033	-.065	-.417	350	107	-.181	.136	.335	-.914	350	157	-.285	.143	.119	-1.367
340	474	-.164	.029	-.043	-.280	350	108	.096	.161	.653	-1.047	350	158	-.303	.141	.107	-1.125
340	475	-.154	.030	-.017	-.273	350	109	.200	.185	.851	-.555	350	159	-.205	.084	.127	-.786
340	476	-.149	.034	-.008	-.333	350	110	.318	.209	1.052	-.679	350	160	-.176	.062	.089	-.522
340	477	-.152	.035	-.008	-.329	350	111	.255	.237	.954	-.987	350	161	-.163	.056	.142	-.463
340	478	-.163	.040	.035	-.355	350	112	-.153	.142	.467	-.704	350	162	-.169	.053	.137	-.435
340	479	-.167	.038	.019	-.351	350	113	-.201	.315	1.038	-1.766	350	163	-.193	.064	.048	-.560
340	480	-.148	.029	-.010	-.276	350	114	.280	.223	.799	-.757	350	164	-.219	.082	.007	-.739
340	481	-.143	.030	-.001	-.246	350	115	.350	.374	1.143	-1.972	350	165	-.245	.096	.008	-.721
340	482	-.133	.037	.047	-.268	350	116	-.195	.110	.441	-.641	350	166	-.158	.058	.104	-.536
340	483	-.125	.040	.091	-.292	350	117	.058	.210	.684	-.910	350	167	-.154	.057	.129	-.433
340	484	-.126	.045	.073	-.273	350	118	.154	.197	.904	-.759	350	168	-.153	.049	.091	-.501
340	485	-.138	.042	.144	-.303	350	119	-.188	.129	.491	-.952	350	169	-.162	.046	.301	-.349
340	486	-.152	.038	.033	-.294	350	120	-.109	.162	.732	-.816	350	170	-.173	.043	.067	-.424
340	487	-.195	.023	-.120	-.294	350	121	.052	.207	.786	-.940	350	171	-.188	.051	-.062	-.517
340	488	-.194	.026	-.102	-.314	350	122	.107	.208	.834	-.888	350	172	-.188	.052	-.049	-.503
340	489	-.192	.030	-.070	-.353	350	123	.200	.210	.846	-.613	350	173	-.178	.060	.135	-.589
340	490	-.157	.033	.016	-.289	350	124	.291	.317	.891	-2.009	350	174	-.168	.056	.174	-.462
340	491	-.170	.028	-.041	-.330	350	125	.202	.499	1.183	-2.563	350	175	-.166	.049	.119	-.364
340	492	-.173	.030	-.048	-.299	350	126	-.226	.112	.397	-.696	350	176	-.173	.040	.119	-.307
340	493	-.161	.027	.053	-.258	350	127	-.152	.138	.585	-.697	350	177	-.178	.035	.100	-.277
340	801	.204	.077	.431	-.210	350	128	-.035	.157	.662	-.580	350	178	-.188	.031	-.102	-.329
340	802	.156	.085	.537	-.159	350	129	.035	.186	.772	-.534	350	179	-.187	.030	-.107	-.326
340	803	.363	.123	.758	-.170	350	130	.114	.197	.803	-.696	350	180	-.176	.047	.019	-.379
340	804	.228	.070	.493	-.090	350	131	.104	.458	1.040	-2.124	350	181	-.170	.047	.070	-.357
340	805	-.298	.081	-.012	-.873	350	132	-.019	.486	1.040	-2.126	350	182	-.163	.044	.046	-.325
340	806	-.481	.119	.843	-.122	350	133	-.271	.116	.241	-.940	350	183	-.168	.038	-.003	-.286
340	807	-.357	.091	-.043	-.746	350	134	-.225	.109	.409	-.712	350	184	-.171	.033	-.045	-.283
340	808	.476	.116	.837	-.064	350	135	-.156	.123	.673	-.536	350	185	-.175	.035	-.040	-.373
340	809	-.172	.091	.207	-.649	350	136	-.115	.128	.704	-.494	350	186	-.178	.038	-.070	-.401
340	810	-.320	.093	-.061	-.754	350	137	-.099	.191	.534	-1.219	350	187	-.154	.067	.214	-.576
340	811	-.315	.084	-.076	-.605	350	138	-.346	.437	.693	-1.969	350	188	-.165	.057	.136	-.384
340	812	-.186	.116	.192	-.527	350	139	-.401	.412	.853	-2.014	350	189	-.174	.047	.034	-.329
340	813	-.152	.020	-.082	-.226	350	140	-.323	.122	.168	-.967	350	190	-.178	.041	.060	-.385

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	191	-.190	.038	.082	-.345	350	248	-.321	.092	-.002	-.742	350	305	-.343	.120	-.075	-1.700
350	192	-.194	.033	-.021	-.312	350	249	-.354	.143	.057	-1.583	350	306	-.342	.086	-.080	-.830
350	193	-.195	.028	-.064	-.317	350	250	-.372	.184	.138	-1.830	350	307	-.491	.188	-.098	-1.631
350	201	-.292	.069	-.024	-.648	350	251	-.359	.193	.200	-1.919	350	308	-.400	.115	-.102	-1.069
350	202	-.325	.079	-.050	-.736	350	252	-.349	.181	.137	-1.813	350	309	-.401	.121	-.046	-1.137
350	203	-.316	.075	-.026	-.681	350	253	-.302	.097	.021	-.813	350	310	-.362	.103	-.071	-1.156
350	204	-.312	.077	-.062	-.825	350	254	-.290	.096	.082	-.944	350	311	-.346	.087	-.053	-.918
350	205	-.323	.082	-.039	-.689	350	255	-.278	.092	.120	-.761	350	312	-.269	.063	-.080	-.684
350	206	-.323	.098	-.065	-1.180	350	256	-.342	.163	.129	-1.557	350	313	-.267	.063	-.041	-.479
350	207	-.327	.085	-.037	-.676	350	257	-.339	.204	.077	-2.526	350	314	-.354	.110	-.055	-.878
350	208	-.332	.088	-.025	-.708	350	258	-.329	.187	.051	-1.945	350	315	-.316	.079	-.040	-.898
350	209	-.343	.114	-.031	-1.073	350	259	-.240	.090	.000	-.844	350	316	-.596	.141	-.069	-1.057
350	210	-.336	.109	-.017	-1.003	350	260	-.237	.092	.016	-.912	350	317	-.374	.125	-.028	-.871
350	211	-.372	.136	-.002	-1.277	350	261	-.212	.071	-.005	-.695	350	318	-.264	.072	-.051	-.593
350	212	-.302	.087	-.056	-.805	350	262	-.208	.067	-.012	-.732	350	319	-.268	.067	-.011	-.561
350	213	-.317	.084	-.014	-.901	350	263	-.240	.107	.181	-1.390	350	320	-.269	.066	-.046	-.565
350	214	-.288	.097	.020	-.793	350	264	-.254	.134	-.002	-1.292	350	321	-.302	.067	-.077	-.604
350	215	-.278	.095	.022	-.901	350	265	-.244	.123	-.022	-1.600	350	322	-.296	.070	-.053	-.677
350	216	-.227	.070	-.039	-.625	350	266	-.173	.059	-.023	-.629	350	323	-.287	.068	-.101	-.656
350	217	-.320	.088	-.063	-.663	350	267	-.174	.060	-.041	-.620	350	324	-.287	.067	-.091	-.594
350	218	-.505	.145	.044	-1.071	350	268	-.157	.039	-.036	-.338	350	325	-.296	.074	-.061	-.677
350	219	-.298	.091	-.056	-.885	350	269	-.167	.044	.055	-.411	350	326	-.268	.061	-.073	-.521
350	220	-.288	.083	-.060	-.803	350	270	-.180	.062	-.041	-.824	350	327	-.273	.063	-.076	-.528
350	221	-.281	.086	-.016	-.686	350	271	-.195	.083	-.037	-.931	350	328	-.280	.061	-.062	-.520
350	222	-.319	.121	.025	-1.036	350	272	-.192	.079	-.043	-.753	350	329	-.290	.064	-.099	-.631
350	223	-.322	.097	-.065	-.761	350	273	-.181	.044	-.065	-.455	350	330	-.291	.060	-.109	-.559
350	224	-.292	.090	-.025	-.742	350	274	-.178	.042	-.053	-.470	350	331	-.305	.070	-.119	-.759
350	225	-.291	.089	.002	-.749	350	275	-.176	.036	-.049	-.356	350	332	-.315	.076	-.114	-.776
350	226	-.312	.096	-.056	-.881	350	276	-.183	.037	-.057	-.359	350	333	-.290	.076	-.070	-.784
350	227	-.305	.092	-.035	-.866	350	277	-.186	.040	-.042	-.445	350	334	-.292	.073	-.069	-.862
350	228	-.296	.081	-.010	-.629	350	278	-.198	.049	-.024	-.666	350	335	-.306	.076	-.074	-.775
350	229	-.310	.096	.006	-.805	350	279	-.202	.055	.009	-.588	350	336	-.318	.075	-.102	-.844
350	230	-.311	.098	.064	-.791	350	280	-.176	.037	-.099	-.413	350	337	-.332	.078	-.086	-.957
350	231	-.301	.096	-.013	-.779	350	281	-.175	.035	-.088	-.387	350	338	-.353	.086	-.114	-.982
350	232	-.294	.089	-.019	-.727	350	282	-.170	.030	-.069	-.303	350	339	-.369	.096	-.056	-1.031
350	233	-.331	.103	-.074	-1.032	350	283	-.173	.033	-.054	-.300	350	340	-.338	.096	-.075	-.828
350	234	-.319	.092	-.080	-.824	350	284	-.175	.035	-.038	-.329	350	341	-.350	.100	-.055	-1.162
350	235	-.319	.095	-.013	-.848	350	285	-.191	.047	-.058	-.573	350	342	-.367	.102	-.114	-1.393
350	236	-.324	.111	.024	-.931	350	286	-.193	.047	-.081	-.631	350	343	-.400	.104	-.161	-1.125
350	237	-.332	.143	.107	-1.265	350	287	-.152	.028	-.010	-.265	350	344	-.415	.106	-.172	-.983
350	238	-.325	.139	.101	-1.348	350	288	-.156	.031	.053	-.373	350	345	-.412	.120	-.090	-1.242
350	239	-.319	.137	.135	-1.290	350	289	-.157	.034	.009	-.411	350	346	-.404	.146	-.069	-1.655
350	240	-.346	.094	-.075	-.901	350	290	-.169	.034	-.050	-.329	350	347	-.411	.151	-.060	-1.968
350	241	-.337	.101	-.009	-1.116	350	291	-.174	.040	-.038	-.468	350	348	-.428	.163	-.109	-1.837
350	242	-.339	.107	-.008	-1.128	350	292	-.178	.042	-.043	-.483	350	349	-.451	.154	-.106	-2.318
350	243	-.366	.166	.033	-1.660	350	293	-.192	.053	.060	-.566	350	350	-.442	.123	-.125	-1.050
350	244	-.358	.180	.022	-1.850	350	301	-.308	.071	-.068	-.659	350	351	-.452	.131	-.022	-1.399
350	245	-.335	.172	.090	-1.707	350	302	-.309	.070	-.100	-.616	350	352	-.458	.134	-.044	-1.255
350	246	-.352	.096	-.091	-.819	350	303	-.316	.073	-.080	-.736	350	353	-.474	.178	.061	-1.618
350	247	-.337	.094	-.065	-.837	350	304	-.325	.075	-.064	-.842	350	354	-.479	.175	.028	-1.669

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	355	-.496	.198	-.006	-1.844
350	356	-.384	.138	.021	-1.062
350	357	-.347	.123	.021	-.937
350	358	-.353	.137	.008	-1.226
350	359	-.424	.205	.043	-1.768
350	360	-.415	.205	.041	-2.006
350	361	-.329	.174	.076	-1.671
350	362	-.244	.119	.252	-.735
350	363	-.209	.087	.165	-.660
350	364	-.203	.072	.010	-.723
350	365	-.208	.075	.014	-1.033
350	366	-.211	.095	-.014	-.873
350	367	-.203	.094	-.008	-.923
350	368	-.161	.052	.048	-.518
350	369	-.149	.041	.019	-.471
350	370	-.147	.032	.019	-.349
350	371	-.155	.034	-.029	-.325
350	372	-.161	.038	-.040	-.374
350	373	-.170	.027	-.093	-.383
350	374	-.166	.025	-.091	-.344
350	375	-.160	.019	-.097	-.242
350	376	-.160	.019	-.084	-.234
350	377	-.160	.020	-.079	-.223
350	378	-.161	.024	-.070	-.295
350	379	-.165	.026	-.038	-.284
350	380	-.170	.036	-.056	-.659
350	381	-.167	.029	-.060	-.567
350	382	-.160	.020	-.068	-.244
350	383	-.160	.019	-.073	-.219
350	384	-.163	.019	-.102	-.227
350	385	-.167	.022	-.090	-.253
350	386	-.170	.024	-.087	-.302
350	387	-.173	.018	-.120	-.312
350	388	-.160	.018	-.091	-.216
350	389	-.159	.019	-.102	-.220
350	390	-.166	.029	-.084	-.436
350	391	-.172	.018	-.113	-.244
350	392	-.164	.018	-.102	-.225
350	393	-.162	.020	-.081	-.249
350	394	-.163	.026	-.047	-.326
350	401	-.106	.075	.185	-.923
350	402	.312	.155	.763	-.819
350	403	.184	.113	.505	-.766
350	404	-.116	.058	.161	-.561
350	405	.444	.234	.978	-.749
350	406	-.147	.067	.122	-.562
350	407	.313	.253	1.006	-.981
350	408	.436	.217	.948	-.840
350	409	.293	.143	.670	-.719
350	410	.163	.105	.492	-.678
350	411	-.301	.105	.143	-.848
350	412	.598	.288	1.279	-1.608
350	413	.410	.196	.860	-.703
350	414	-.130	.187	.386	-1.112
350	415	-.107	.068	.208	-.492
350	416	.512	.258	1.206	-.481
350	417	.297	.147	.784	-.589
350	418	-.152	.076	.181	-.496
350	419	.595	.312	1.357	-1.524
350	420	.559	.262	1.201	-.743
350	421	.416	.209	.941	-.932
350	422	.337	.163	.705	-.706
350	423	.258	.132	.629	-.620
350	424	.023	.094	.447	-.584
350	425	-.102	.076	.243	-.522
350	426	.476	.307	1.160	-.895
350	427	.478	.283	1.137	-.941
350	428	.389	.209	.892	-.563
350	429	.323	.165	.992	-.496
350	430	.200	.120	.591	-.555
350	431	-.010	.089	.292	-.492
350	432	-.131	.069	.138	-.476
350	433	.188	.271	1.187	-.742
350	434	.223	.244	1.167	-.751
350	435	.187	.199	.866	-.927
350	436	.116	.146	.585	-.455
350	437	.024	.114	.464	-.450
350	438	-.123	.078	.200	-.534
350	439	-.217	.078	.093	-.597
350	440	-.020	.161	.735	-.683
350	441	.033	.180	.862	-1.482
350	442	.034	.135	.546	-.609
350	443	-.069	.090	.309	-.436
350	444	-.182	.075	.156	-.500
350	445	-.271	.092	.021	-.747
350	446	-.113	.113	.523	-.553
350	447	-.076	.119	.550	-.560
350	448	-.052	.100	.393	-.411
350	449	-.066	.092	.327	-.582
350	450	-.105	.075	.280	-.378
350	451	-.204	.081	.075	-.550
350	452	-.279	.091	-.019	-.697
350	453	-.169	.085	.248	-.526
350	454	-.136	.080	.261	-.421
350	455	-.106	.078	.236	-.407
350	456	-.119	.064	.126	-.437
350	457	-.196	.079	.062	-.543
350	458	-.275	.096	-.003	-.713
350	459	-.196	.055	.077	-.517
350	460	-.174	.050	.121	-.378
350	461	-.151	.049	.102	-.390
350	462	-.137	.047	.046	-.381
350	463	-.135	.054	.070	-.403
350	464	-.169	.059	-.001	-.451
350	465	-.219	.088	-.021	-.830
350	466	-.193	.038	-.024	-.433
350	467	-.187	.036	-.042	-.400
350	468	-.180	.033	-.043	-.338
350	469	-.173	.035	-.030	-.336
350	470	-.167	.034	.058	-.343
350	471	-.168	.036	-.021	-.391
350	472	-.174	.039	-.043	-.432
350	473	-.178	.029	-.059	-.331
350	474	-.174	.028	-.058	-.485
350	475	-.159	.026	-.050	-.466
350	476	-.151	.025	-.012	-.232
350	477	-.150	.025	.016	-.272
350	478	-.164	.026	-.067	-.357
350	479	-.170	.025	-.067	-.296
350	480	-.164	.028	-.042	-.300
350	481	-.154	.027	-.001	-.237
350	482	-.143	.032	.028	-.225
350	483	-.135	.032	.032	-.225
350	484	-.132	.032	.033	-.251
350	485	-.143	.028	-.001	-.221
350	486	-.152	.024	-.053	-.248
350	487	-.192	.025	-.114	-.289
350	488	-.187	.024	-.108	-.304
350	489	-.188	.025	-.113	-.350
350	490	-.160	.023	-.065	-.253
350	491	-.179	.022	-.090	-.291
350	492	-.177	.022	-.110	-.370
350	493	-.175	.019	-.123	-.275
350	801	.199	.145	.524	-.692
350	802	.142	.158	.605	-.541
350	803	.295	.204	.854	-.904
350	804	.196	.125	.565	-.583
350	805	-.334	.120	-.026	-.892
350	806	.356	.145	.707	-.518
350	807	-.277	.077	-.055	-.704
350	808	.416	.157	.820	-.663
350	809	-.260	.094	.104	-.617
350	810	-.274	.074	.024	-.735
350	811	-.363	.089	-.001	-.689
350	812	-.098	.098	.199	-.447
350	813	-.167	.029	-.014	-.285
350	814	-.164	.019	-.088	-.232
350	815	-.176	.020	-.106	-.255
350	901	-.151	.032	.042	-.248
350	902	-.168	.041	.002	-.317

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	903	-.175	.042	-.012	-.307	350	905	-.177	.034	-.081	-.371	350	907	-.160	.018	-.101	-.223
350	904	-.126	.035	.088	-.221	350	906	-.141	.031	.108	-.218	350	908	-.166	.021	-.104	-.251

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
2	205	-.373	.132	.052	-1.262
2	206	-.566	.267	-.017	-2.320
2	215	-.440	.170	.099	-2.193
2	224	-.440	.158	-.013	-1.525
2	285	-.295	.127	-.038	-1.153
2	405	.002	.365	.906	-1.749
2	406	-.222	.110	.108	-.827
2	407	-.005	.370	1.096	-1.899
2	412	-.066	.397	1.012	-2.194
2	419	-.119	.428	1.087	-2.597
2	420	-.065	.387	1.162	-2.380
2	427	-.110	.322	1.046	-1.614
2	439	-.240	.090	.099	-.658
2	445	-.258	.107	.156	-.813
2	461	-.204	.042	-.086	-.603
2	465	-.197	.034	-.102	-.403
2	468	-.199	.041	-.060	-.456
2	469	-.191	.032	-.087	-.328
2	480	-.184	.042	-.060	-.617
2	481	-.186	.042	-.065	-.666
2	485	-.189	.023	-.088	-.291
4	205	-.363	.125	.039	-1.099
4	206	-.617	.305	-.013	-2.785
4	215	-.455	.173	.018	-1.410
4	224	-.450	.156	-.048	-1.220
4	285	-.333	.172	.002	-1.805
4	405	-.113	.369	.835	-1.551
4	406	-.240	.113	.186	-.840
4	407	-.106	.374	.931	-1.669
4	412	-.172	.396	.842	-2.380
4	419	-.216	.407	1.256	-2.258
4	420	-.162	.383	1.156	-2.378
4	427	-.186	.291	.720	-1.465
4	439	-.246	.080	.073	-.584
4	445	-.256	.093	.121	-.703
4	461	-.205	.047	-.078	-.589
4	465	-.198	.034	-.089	-.514
4	468	-.202	.043	-.099	-.623
4	469	-.194	.034	-.106	-.389
4	480	-.192	.043	-.067	-.513
4	481	-.193	.044	-.056	-.610
4	485	-.199	.026	-.125	-.349
6	205	-.356	.130	.017	-1.262
6	206	-.639	.309	-.025	-2.551
6	215	-.458	.178	-.060	-1.721
6	224	-.460	.165	-.077	-1.354
6	285	-.330	.163	.017	-1.313
6	405	-.207	.363	.712	-1.473
6	406	-.240	.106	.156	-.859
6	407	-.197	.389	.757	-2.040
6	412	-.312	.395	.888	-3.123
6	419	-.351	.412	1.074	-3.450
6	420	-.294	.394	.826	-3.609
6	427	-.293	.289	.607	-2.163
6	439	-.241	.075	.038	-.635
6	445	-.241	.083	.055	-.788
6	461	-.205	.048	-.058	-.545
6	465	-.198	.028	-.114	-.335
6	468	-.208	.050	-.087	-.573
6	469	-.198	.037	-.096	-.463
6	480	-.198	.049	-.088	-.611
6	481	-.199	.049	-.055	-.595
6	485	-.201	.026	-.134	-.310
8	205	-.357	.127	.002	-1.244
8	206	-.682	.339	-.032	-2.877
8	215	-.448	.170	-.036	-1.519
8	224	-.451	.163	-.052	-1.196
8	285	-.349	.168	.032	-1.132
8	405	-.344	.361	.783	-1.952
8	406	-.255	.100	.086	-.858
8	407	-.328	.405	.905	-2.298
8	412	-.449	.432	.575	-3.057
8	419	-.469	.448	.783	-2.576
8	420	-.412	.448	.632	-2.734
8	427	-.372	.306	.458	-1.775
8	439	-.251	.072	-.043	-.747
8	445	-.242	.076	-.026	-.729
8	461	-.215	.053	-.036	-.582
8	465	-.203	.028	-.089	-.333
8	468	-.226	.056	-.090	-.676
8	469	-.213	.042	-.098	-.507
8	480	-.215	.055	-.067	-.633
8	481	-.216	.056	-.069	-.664
8	485	-.216	.028	-.129	-.362
10	205	-.371	.126	.124	-1.133
10	206	-.656	.310	-.092	-2.811
10	215	-.441	.169	-.054	-1.842
10	224	-.445	.158	-.088	-1.795
10	285	-.351	.172	-.006	-1.231
10	405	-.475	.387	.591	-1.915
10	406	-.272	.103	.126	-.854
10	407	-.440	.448	.615	-2.583
10	412	-.585	.484	.537	-3.626
10	419	-.595	.485	.547	-2.903
10	420	-.537	.496	.597	-3.065
10	427	-.465	.333	.481	-1.888
10	439	-.258	.068	-.057	-.705
10	445	-.244	.067	-.000	-.757
10	461	-.237	.061	-.043	-.522
10	465	-.213	.031	-.112	-.393
10	468	-.246	.057	-.051	-.573
10	469	-.227	.044	-.107	-.482
10	480	-.232	.057	-.082	-.737
10	481	-.234	.057	-.088	-.726
10	485	-.225	.033	-.134	-.380
12	205	-.402	.132	.019	-1.156
12	206	-.729	.344	-.190	-3.175
12	215	-.505	.181	.040	-1.520
12	224	-.510	.169	-.074	-1.443
12	285	-.365	.179	.024	-1.978
12	405	-.614	.415	.596	-1.998
12	406	-.293	.104	.053	-.995
12	407	-.615	.514	.601	-2.472
12	412	-.785	.545	.587	-3.703
12	419	-.775	.556	.657	-4.008
12	420	-.721	.573	.569	-4.008
12	427	-.588	.358	.470	-2.378
12	439	-.309	.100	.002	-.902
12	445	-.270	.084	.050	-.812
12	461	-.273	.083	-.061	-.776
12	465	-.251	.052	-.111	-.581
12	468	-.269	.066	-.104	-.753
12	469	-.255	.055	-.097	-.583
12	480	-.268	.076	-.081	-.975
12	481	-.271	.075	-.091	-.945
12	485	-.261	.046	-.149	-.479
14	205	-.445	.144	-.013	-1.174
14	206	-.762	.357	-.224	-3.058
14	215	-.558	.199	-.099	-1.797
14	224	-.559	.183	-.122	-1.692
14	285	-.367	.161	-.028	-1.360
14	405	-.780	.407	.567	-2.072
14	406	-.310	.100	.004	-.808
14	407	-.767	.533	.502	-2.542
14	412	-1.012	.616	.505	-4.343
14	419	-.958	.597	.609	-3.688
14	420	-.925	.641	.623	-3.938
14	427	-.709	.384	.394	-2.515
14	439	-.349	.112	-.033	-.944
14	445	-.297	.096	.039	-1.399
14	461	-.319	.107	.118	-.924
14	465	-.279	.068	-.064	-.739
14	468	-.322	.092	-.052	-.815
14	469	-.308	.080	-.068	-.762
14	480	-.325	.106	-.079	-1.167
14	481	-.329	.106	-.079	-1.135
14	485	-.291	.064	-.140	-.724
16	205	-.458	.144	-.011	-1.319
16	206	-.762	.345	-.142	-3.000
16	215	-.572	.200	-.135	-1.615

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
16	224	-.571	.183	-.165	-1.479
16	285	-.368	.156	-.032	-1.809
16	405	-.916	.395	.520	-2.695
16	406	-.329	.092	-.037	-.883
16	407	-.884	.538	.524	-3.163
16	412	-1.092	.605	.361	-3.619
16	419	-.990	.538	.436	-3.235
16	420	-.969	.591	.475	-3.706
16	427	-.749	.355	.276	-2.104
16	439	-.360	.109	-.047	-1.066
16	445	-.310	.094	-.030	-1.021
16	461	-.363	.127	.020	-.955
16	465	-.300	.092	.013	-.896
16	468	-.377	.109	-.041	-.980
16	469	-.357	.106	.068	-.881
16	480	-.389	.131	-.054	-1.001
16	481	-.394	.131	-.115	-1.101
16	485	-.308	.074	-.148	-.733
18	205	-.474	.131	-.048	-1.184
18	206	-.851	.386	-.218	-2.816
18	215	-.581	.186	-.062	-1.967
18	224	-.582	.175	-.146	-1.854
18	285	-.389	.140	-.026	-1.288
18	405	-1.036	.400	.378	-2.427
18	406	-.353	.093	-.011	-1.104
18	407	-1.013	.538	.516	-2.792
18	412	-1.122	.592	.344	-3.922
18	419	-1.003	.514	.447	-3.475
18	420	-1.003	.565	.372	-3.889
18	427	-.799	.343	.234	-2.251
18	439	-.393	.111	-.092	-1.262
18	445	-.365	.119	-.018	-1.404
18	461	-.445	.167	.119	-1.449
18	465	-.349	.123	-.060	-1.291
18	468	-.457	.149	-.087	-1.289
18	469	-.425	.145	.004	-1.155
18	480	-.494	.185	-.042	-1.491
18	481	-.502	.187	-.073	-1.664
18	485	-.335	.084	-.124	-.850
20	205	-.484	.129	.028	-1.167
20	206	-.996	.460	-.206	-3.343
20	215	-.555	.180	-.141	-1.549
20	224	-.560	.173	-.170	-1.653
20	285	-.462	.181	-.079	-2.056
20	405	-1.158	.393	.392	-2.551
20	406	-.377	.090	-.097	-.812
20	407	-1.131	.534	.325	-3.051
20	412	-1.144	.555	.017	-3.794
20	419	-1.028	.456	.299	-3.112
20	420	-1.036	.494	.434	-3.485
20	427	-.868	.318	.185	-1.988
20	439	-.436	.144	-.061	-1.169
20	445	-.437	.167	.032	-1.510
20	461	-.548	.217	.133	-2.080
20	465	-.403	.167	-.011	-1.310
20	468	-.575	.178	-.033	-1.418
20	469	-.537	.196	-.002	-1.908
20	480	-.650	.234	-.157	-2.263
20	481	-.663	.240	-.177	-2.525
20	485	-.337	.083	-.144	-.966
22	205	-.517	.121	-.114	-1.331
22	206	-1.115	.473	-.279	-3.233
22	215	-.548	.148	-.180	-1.568
22	224	-.546	.141	-.184	-1.703
22	285	-.565	.201	-.067	-1.672
22	405	-1.315	.370	-.095	-2.703
22	406	-.423	.091	-.034	-.969
22	407	-1.274	.492	.151	-2.998
22	412	-1.118	.484	-.080	-3.782
22	419	-1.041	.392	-.016	-3.645
22	420	-1.057	.422	.068	-4.060
22	427	-.947	.309	-.038	-2.445
22	439	-.522	.192	-.154	-1.659
22	445	-.559	.237	-.014	-1.940
22	461	-.690	.275	.086	-1.967
22	465	-.516	.166	-.049	-1.480
22	468	-.677	.213	-.087	-1.877
22	469	-.614	.236	.056	-1.833
22	480	-.763	.272	-.189	-2.132
22	481	-.780	.281	-.220	-2.274
22	485	-.352	.069	-.127	-.853
24	205	-.531	.122	-.127	-1.191
24	206	-1.013	.433	-.248	-2.925
24	215	-.550	.130	-.180	-1.307
24	224	-.543	.127	-.214	-1.601
24	285	-.620	.213	-.176	-2.372
24	405	-1.304	.362	-.220	-2.676
24	406	-.457	.103	-.108	-.969
24	407	-1.156	.412	-.209	-2.904
24	412	-.976	.337	-.085	-3.246
24	419	-.970	.304	-.078	-2.868
24	420	-.979	.316	.058	-3.309
24	427	-.939	.274	.144	-2.136
24	439	-.639	.231	-.116	-1.650
24	445	-.680	.301	-.010	-2.551
24	461	-.785	.282	-.047	-2.715
24	465	-.499	.225	-.020	-1.830
24	468	-.814	.259	-.132	-2.523
24	469	-.724	.299	.010	-2.275
24	480	-.919	.332	-.270	-2.706
24	481	-.948	.356	-.270	-3.214
24	485	-.383	.071	-.178	-.721
26	205	-.544	.124	-.056	-1.213
26	206	-1.011	.424	-.294	-3.413
26	215	-.562	.127	-.238	-1.798
26	224	-.551	.121	-.246	-1.504
26	285	-.694	.231	-.219	-2.164
26	405	-1.235	.410	-.238	-3.077
26	406	-.484	.116	-.101	-1.072
26	407	-1.042	.355	-.190	-3.540
26	412	-.914	.307	-.279	-3.707
26	419	-.924	.281	-.242	-2.675
26	420	-.934	.288	-.130	-2.883
26	427	-.899	.262	-.257	-2.276
26	439	-.721	.264	-.096	-1.928
26	445	-.750	.328	-.071	-2.560
26	461	-.861	.317	-.108	-3.774
26	465	-.565	.270	-.092	-2.187
26	468	-.877	.272	-.135	-2.234
26	469	-.781	.326	.095	-2.261
26	480	-.974	.358	-.130	-2.941
26	481	-1.004	.384	-.215	-3.797
26	485	-.396	.074	-.164	-.753
28	205	-.567	.128	-.150	-1.478
28	206	-.985	.404	-.242	-2.999
28	215	-.597	.141	-.255	-1.500
28	224	-.583	.139	-.264	-1.511
28	285	-.753	.247	-.265	-2.357
28	405	-1.339	.531	-.437	-3.921
28	406	-.538	.136	-.025	-1.117
28	407	-.968	.314	-.181	-2.707
28	412	-.838	.228	-.249	-2.219
28	419	-.855	.232	-.111	-2.110
28	420	-.865	.235	.056	-2.130
28	427	-.837	.229	-.075	-2.143
28	439	-.791	.273	-.008	-2.026
28	445	-.788	.354	.005	-2.395
28	461	-.909	.333	-.115	-2.734
28	465	-.593	.271	-.041	-1.999
28	468	-.934	.274	-.167	-2.405
28	469	-.853	.327	.080	-2.076
28	480	-1.049	.367	-.264	-2.729
28	481	-1.085	.394	-.327	-3.336
28	485	-.410	.076	-.150	-.757
30	205	-.589	.138	-.062	-1.131
30	206	-1.023	.419	-.314	-3.054
30	215	-.634	.151	-.237	-1.530
30	224	-.618	.150	-.226	-1.467
30	285	-.827	.286	-.166	-2.937
30	405	-1.345	.597	-.382	-3.877

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	406	-.581	.137	.036	-1.071
30	407	-.904	.262	-.296	-2.762
30	412	-.819	.210	-.309	-2.440
30	419	-.825	.223	-.277	-1.989
30	420	-.834	.224	-.276	-2.038
30	427	-.803	.226	-.258	-1.952
30	439	-.823	.275	-.177	-2.411
30	445	-.828	.384	-.048	-2.818
30	461	-.911	.302	-.133	-2.556
30	465	-.666	.304	.006	-2.636
30	468	-.946	.297	-.224	-2.763
30	469	-.853	.341	.061	-2.414
30	480	-1.035	.362	-.233	-2.813
30	481	-1.072	.389	-.247	-3.089
30	485	-.437	.083	-.175	-.792
32	205	-.611	.145	-.110	-1.261
32	206	-1.137	.472	-.291	-3.326
32	215	-.687	.179	-.251	-1.572
32	224	-.671	.179	-.262	-1.485
32	285	-.880	.300	-.241	-2.772
32	405	-1.292	.597	-.316	-3.964
32	406	-.606	.149	-.005	-1.267
32	407	-.871	.245	-.296	-2.353
32	412	-.798	.198	-.377	-1.899
32	419	-.787	.206	-.343	-1.748
32	420	-.796	.209	-.350	-1.764
32	427	-.759	.209	-.321	-1.764
32	439	-.816	.282	-.190	-2.324
32	445	-.818	.374	.023	-2.566
32	461	-.890	.301	-.095	-2.955
32	465	-.686	.308	-.111	-2.660
32	468	-.957	.289	-.217	-2.718
32	469	-.900	.340	.200	-2.854
32	480	-1.068	.381	-.244	-3.143
32	481	-1.106	.413	-.283	-3.814
32	485	-.437	.082	-.197	-.844
34	205	-.634	.147	-.103	-1.289
34	206	-1.318	.522	-.344	-3.679
34	215	-.758	.206	-.335	-1.830
34	224	-.742	.211	-.333	-1.751
34	285	-.877	.295	-.304	-2.581
34	405	-1.341	.632	-.385	-4.587
34	406	-.642	.147	-.050	-1.286
34	407	-.885	.234	-.387	-2.332
34	412	-.811	.182	-.386	-1.641
34	419	-.801	.194	-.319	-1.790
34	420	-.810	.195	-.320	-1.816
34	427	-.772	.193	-.306	-1.780
34	439	-.858	.300	-.123	-2.628
34	445	-.863	.395	-.053	-2.592
34	461	-.954	.322	.069	-2.816
34	465	-.707	.308	-.012	-2.863
34	468	-.981	.289	-.326	-2.661
34	469	-.912	.336	.085	-2.712
34	480	-1.093	.376	-.030	-2.953
34	481	-1.130	.409	-.095	-4.274
34	485	-.452	.086	-.132	-.992
36	205	-.652	.148	-.105	-1.338
36	206	-1.374	.537	-.298	-4.026
36	215	-.826	.222	-.263	-1.903
36	224	-.810	.227	-.279	-1.911
36	285	-.946	.301	-.300	-2.461
36	405	-1.199	.535	-.417	-3.776
36	406	-.662	.152	-.052	-1.394
36	407	-.848	.212	-.368	-2.483
36	412	-.791	.176	-.381	-1.877
36	419	-.779	.186	-.321	-1.708
36	420	-.780	.188	-.329	-1.736
36	427	-.742	.181	-.375	-1.677
36	439	-.874	.302	-.125	-2.775
36	445	-.882	.415	.041	-3.349
36	461	-.950	.313	-.128	-2.425
36	465	-.731	.313	-.122	-2.604
36	468	-1.000	.289	-.174	-3.106
36	469	-.946	.331	.165	-2.575
36	480	-1.110	.374	-.188	-2.908
36	481	-1.148	.410	-.247	-3.537
36	485	-.472	.087	-.157	-.790
38	205	-.643	.139	-.104	-1.220
38	206	-1.475	.540	-.371	-3.843
38	215	-.921	.240	-.397	-1.967
38	224	-.910	.245	-.393	-1.860
38	285	-.995	.306	-.274	-3.174
38	405	-1.055	.438	-.285	-3.674
38	406	-.673	.142	-.184	-1.673
38	407	-.804	.187	-.343	-2.283
38	412	-.751	.161	-.390	-1.695
38	419	-.726	.169	-.342	-1.752
38	420	-.734	.171	-.341	-1.775
38	427	-.701	.162	-.298	-1.627
38	439	-.878	.305	-.198	-2.601
38	445	-.886	.431	.018	-3.382
38	461	-.931	.292	-.198	-2.520
38	465	-.770	.314	-.062	-2.386
38	468	-.962	.265	-.155	-2.607
38	469	-.924	.309	-.139	-2.631
38	480	-1.072	.359	-.205	-2.901
38	481	-1.105	.386	-.295	-3.414
38	485	-.471	.084	-.207	-.965
40	205	-.650	.145	-.161	-1.332
40	206	-1.552	.540	-.367	-4.186
40	215	-1.003	.273	-.382	-2.217
40	224	-.991	.277	-.371	-2.020
40	285	-1.010	.325	-.166	-3.596
40	405	-.993	.398	-.390	-3.775
40	406	-.696	.150	-.091	-1.623
40	407	-.791	.182	-.392	-1.847
40	412	-.742	.149	-.379	-1.770
40	419	-.716	.156	-.356	-1.879
40	420	-.724	.157	-.360	-1.898
40	427	-.696	.150	-.335	-1.831
40	439	-.849	.298	-.148	-2.397
40	445	-.873	.406	.001	-3.044
40	461	-.896	.263	-.190	-3.089
40	465	-.793	.297	-.071	-2.659
40	468	-.946	.261	-.402	-2.357
40	469	-.901	.295	-.022	-2.581
40	480	-1.051	.354	-.287	-2.999
40	481	-1.082	.383	-.292	-3.617
40	485	-.481	.083	-.215	-.867
42	205	-.627	.135	-.064	-1.413
42	206	-1.573	.481	-.608	-4.114
42	215	-1.114	.265	-.412	-2.380
42	224	-1.098	.266	-.396	-2.276
42	285	-1.051	.316	-.332	-3.244
42	405	-.905	.304	-.380	-3.104
42	406	-.697	.132	-.208	-1.464
42	407	-.768	.156	-.362	-1.663
42	412	-.746	.170	-.350	-2.429
42	419	-.718	.172	-.321	-2.040
42	420	-.725	.175	-.324	-2.140
42	427	-.703	.168	-.317	-1.991
42	439	-.817	.283	-.234	-2.722
42	445	-.833	.379	.160	-3.045
42	461	-.844	.230	-.211	-2.314
42	465	-.790	.275	-.136	-2.276
42	468	-.942	.261	-.317	-3.186
42	469	-.911	.285	.009	-2.336
42	480	-1.062	.358	-.263	-2.652
42	481	-1.090	.378	-.262	-3.047
42	485	-.480	.079	-.229	-.799
44	205	-.605	.121	-.145	-1.273
44	206	-1.595	.428	-.592	-3.629
44	215	-1.225	.284	-.527	-2.807
44	224	-1.205	.290	-.497	-3.448
44	285	-1.046	.265	-.342	-2.246
44	405	-.837	.255	-.368	-2.561
44	406	-.687	.135	-.181	-1.598
44	407	-.735	.145	-.333	-1.539
44	412	-.716	.138	-.418	-2.016

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
44	419	-.690	.142	-.304	-1.944
44	420	-.697	.143	-.329	-1.981
44	427	-.676	.138	-.326	-1.955
44	439	-.819	.280	-.170	-2.534
44	445	-.832	.376	.048	-2.953
44	461	-.826	.209	.036	-2.733
44	465	-.811	.276	-.099	-2.687
44	468	-.890	.207	-.471	-2.519
44	469	-.885	.241	-.087	-2.322
44	480	-1.003	.303	-.266	-2.314
44	481	-1.026	.317	-.302	-2.743
44	485	-.500	.083	-.234	-.877
46	205	-.608	.121	-.265	-1.443
46	206	-1.723	.398	-.538	-3.410
46	215	-1.330	.261	-.643	-2.583
46	224	-1.303	.262	-.584	-2.610
46	285	-1.097	.285	-.437	-2.369
46	405	-.820	.201	-.349	-2.546
46	406	-.713	.128	-.026	-1.801
46	407	-.747	.134	-.420	-1.660
46	412	-.713	.130	-.406	-1.443
46	419	-.688	.132	-.381	-1.446
46	420	-.694	.133	-.395	-1.462
46	427	-.676	.129	-.351	-1.447
46	439	-.809	.256	-.317	-2.597
46	445	-.835	.354	-.148	-4.031
46	461	-.828	.186	-.331	-2.423
46	465	-.835	.261	-.140	-3.068
46	468	-.880	.201	-.467	-2.243
46	469	-.878	.220	-.229	-2.108
46	480	-.974	.297	-.253	-2.395
46	481	-.993	.312	-.259	-2.894
46	485	-.525	.085	-.234	-.826
48	205	-.575	.092	-.313	-1.309
48	206	-1.734	.340	-.687	-3.152
48	215	-1.371	.239	-.658	-3.202
48	224	-1.345	.238	-.607	-2.864
48	285	-1.064	.277	-.320	-2.612
48	405	-.808	.176	-.449	-2.044
48	406	-.722	.112	-.335	-1.291
48	407	-.745	.123	-.373	-1.550
48	412	-.713	.122	-.405	-1.493
48	419	-.689	.123	-.359	-1.346
48	420	-.695	.125	-.358	-1.441
48	427	-.678	.122	-.321	-1.350
48	439	-.802	.244	-.306	-2.354
48	445	-.827	.347	-.156	-3.264
48	461	-.785	.149	-.410	-1.566
48	465	-.835	.248	-.194	-2.228
48	468	-.846	.172	-.432	-1.780
48	469	-.849	.193	-.236	-1.806
48	480	-.936	.275	-.383	-2.197
48	481	-.950	.282	-.389	-2.289
48	485	-.535	.079	-.259	-.845
50	205	-.582	.097	-.287	-1.223
50	206	-1.759	.351	-.695	-3.036
50	215	-1.359	.256	-.610	-3.157
50	224	-1.343	.261	-.591	-3.416
50	285	-1.023	.263	-.343	-2.407
50	405	-.766	.152	-.427	-1.986
50	406	-.708	.105	-.411	-1.411
50	407	-.720	.108	-.409	-1.362
50	412	-.703	.107	-.408	-1.439
50	419	-.682	.108	-.358	-1.352
50	420	-.687	.109	-.361	-1.368
50	427	-.671	.106	-.363	-1.305
50	439	-.778	.226	-.298	-2.362
50	445	-.793	.304	-.142	-2.932
50	461	-.768	.140	-.427	-1.402
50	465	-.818	.244	-.233	-2.144
50	468	-.841	.161	-.491	-1.873
50	469	-.849	.189	-.303	-2.193
50	480	-.918	.264	-.374	-2.787
50	481	-.930	.273	-.379	-3.065
50	485	-.551	.077	-.280	-.926
52	205	-.568	.081	-.301	-.981
52	206	-1.693	.372	-.536	-3.114
52	215	-1.354	.285	-.569	-3.096
52	224	-1.338	.271	-.574	-3.583
52	285	-.989	.259	-.355	-2.171
52	405	-.751	.125	-.402	-1.712
52	406	-.708	.091	-.433	-1.089
52	407	-.715	.097	-.437	-1.165
52	412	-.688	.091	-.403	-1.236
52	419	-.669	.092	-.363	-1.228
52	420	-.675	.092	-.369	-1.243
52	427	-.656	.089	-.375	-1.227
52	439	-.762	.189	-.416	-2.047
52	445	-.768	.261	-.213	-2.835
52	461	-.756	.119	-.447	-1.610
52	465	-.806	.216	-.224	-2.407
52	468	-.821	.132	-.504	-1.480
52	469	-.829	.160	-.464	-1.809
52	480	-.880	.236	-.378	-1.954
52	481	-.888	.239	-.405	-2.014
52	485	-.569	.072	-.274	-.863
54	205	-.565	.077	-.316	-1.117
54	206	-1.545	.377	-.432	-2.919
54	215	-1.394	.326	-.588	-3.138
54	224	-1.269	.283	-.332	-2.851
54	285	-.941	.236	-.193	-2.068
54	405	-.712	.102	-.443	-1.667
54	406	-.685	.082	-.468	-1.261
54	407	-.693	.085	-.436	-1.055
54	412	-.652	.076	-.401	-.963
54	419	-.635	.079	-.393	-.985
54	420	-.640	.079	-.404	-.997
54	427	-.623	.076	-.422	-.964
54	439	-.730	.154	-.399	-2.109
54	445	-.740	.203	-.281	-3.225
54	461	-.744	.106	-.431	-1.409
54	465	-.785	.190	-.252	-2.062
54	468	-.816	.122	-.461	-1.498
54	469	-.822	.142	-.331	-1.587
54	480	-.869	.223	-.420	-2.056
54	481	-.877	.227	-.431	-2.375
54	485	-.579	.068	-.390	-.880
56	205	-.544	.076	-.315	-.990
56	206	-1.261	.366	-.162	-2.754
56	215	-1.171	.324	-.449	-2.664
56	224	-1.129	.287	-.199	-3.007
56	285	-.882	.255	-.031	-2.076
56	405	-.688	.086	-.445	-1.274
56	406	-.668	.074	-.455	-1.027
56	407	-.672	.074	-.448	-.944
56	412	-.644	.064	-.429	-.927
56	419	-.628	.065	-.408	-.889
56	420	-.632	.066	-.414	-.886
56	427	-.616	.063	-.358	-.887
56	439	-.725	.124	-.420	-1.671
56	445	-.729	.158	-.342	-1.799
56	461	-.749	.094	-.496	-1.099
56	465	-.786	.172	-.351	-1.804
56	468	-.810	.108	-.512	-1.517
56	469	-.817	.129	-.408	-1.425
56	480	-.844	.207	-.358	-2.059
56	481	-.850	.208	-.369	-2.039
56	485	-.581	.069	-.362	-.856
58	205	-.536	.066	-.329	-.878
58	206	-1.042	.313	-.220	-2.176
58	215	-1.044	.309	-.345	-2.530
58	224	-1.006	.269	-.121	-2.237
58	285	-.796	.236	-.211	-1.961
58	405	-.675	.076	-.435	-1.075
58	406	-.662	.068	-.372	-.920
58	407	-.667	.068	-.413	-.928
58	412	-.644	.064	-.435	-.885
58	419	-.628	.066	-.415	-.924
58	420	-.634	.066	-.418	-.923
58	427	-.617	.064	-.429	-.883

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
58	439	-.715	.112	-.419	-1.609
58	445	-.720	.131	-.325	-1.776
58	461	-.754	.093	-.402	-1.207
58	465	-.793	.173	-.345	-2.532
58	468	-.815	.107	-.567	-1.618
58	469	-.820	.128	-.490	-1.502
58	480	-.850	.198	-.425	-1.893
58	481	-.857	.200	-.427	-1.908
58	485	-.597	.064	-.361	-.829
106	105	-.845	.281	-.103	-2.660
106	106	-.503	.058	-.293	-.819
106	115	-.474	.049	-.291	-.635
106	305	-.620	.061	-.429	-.835
106	306	-.608	.069	-.395	-.993
106	307	-.625	.068	-.410	-.878
106	312	-.608	.067	-.407	-.901
106	315	-.603	.055	-.394	-.835
106	319	-.618	.069	-.419	-1.043
106	320	-.609	.064	-.381	-.914
106	327	-.623	.068	-.445	-.998
106	378	-.594	.100	-.246	-1.072
108	105	-1.043	.319	-.077	-2.364
108	106	-.501	.056	-.295	-.775
108	115	-.476	.048	-.259	-.623
108	305	-.616	.057	-.430	-1.002
108	306	-.611	.066	-.392	-.882
108	307	-.624	.065	-.392	-1.074
108	312	-.610	.066	-.393	-.977
108	315	-.590	.059	-.344	-.790
108	319	-.611	.076	-.330	-.973
108	320	-.601	.070	-.351	-.967
108	327	-.615	.074	-.363	-.954
108	378	-.603	.137	-.309	-1.890
110	105	-1.277	.338	-.226	-2.446
110	106	-.498	.060	-.283	-.777
110	115	-.472	.053	-.285	-.663
110	305	-.624	.063	-.435	-.846
110	306	-.627	.076	-.337	-1.053
110	307	-.633	.071	-.391	-.916
110	312	-.618	.072	-.340	-.957
110	315	-.594	.059	-.402	-.875
110	319	-.621	.079	-.334	-1.079
110	320	-.610	.073	-.360	-.963
110	327	-.623	.077	-.386	-.976
110	378	-.608	.128	-.189	-1.602
112	105	-1.435	.347	-.395	-2.961
112	106	-.499	.063	-.293	-.796
112	115	-.472	.057	-.273	-.752
112	305	-.617	.067	-.350	-.882
112	306	-.634	.084	-.323	-.970
112	307	-.629	.078	-.324	-1.007
112	312	-.612	.079	-.330	-.972
112	315	-.596	.061	-.364	-.882
112	319	-.626	.087	-.359	-1.138
112	320	-.608	.078	-.345	-1.040
112	327	-.622	.084	-.366	-1.286
112	378	-.643	.173	-.284	-2.550
114	105	-1.519	.351	-.356	-2.866
114	106	-.489	.062	-.263	-.775
114	115	-.460	.058	-.220	-.674
114	305	-.617	.068	-.356	-.965
114	306	-.645	.095	-.325	-1.481
114	307	-.629	.082	-.332	-.939
114	312	-.614	.085	-.324	-1.012
114	315	-.594	.067	-.359	-.890
114	319	-.622	.100	-.347	-1.289
114	320	-.608	.086	-.342	-1.204
114	327	-.624	.100	-.322	-1.150
114	378	-.632	.180	-.258	-2.221
116	105	-1.491	.339	-.598	-2.965
116	106	-.488	.068	-.280	-.904
116	115	-.457	.063	-.238	-.705
116	305	-.698	.073	-.363	-.904
116	306	-.652	.114	-.342	-1.694
116	307	-.622	.091	-.344	-1.064
116	312	-.602	.095	-.227	-1.043
116	315	-.581	.070	-.269	-.862
116	319	-.606	.113	-.164	-1.349
116	320	-.591	.097	-.142	-1.128
116	327	-.608	.111	-.155	-1.259
116	378	-.657	.189	-.293	-1.904
118	105	-1.345	.338	-.440	-2.848
118	106	-.485	.078	-.243	-1.018
118	115	-.444	.067	-.223	-.714
118	305	-.586	.087	-.247	-.926
118	306	-.660	.157	-.275	-2.390
118	307	-.595	.104	-.138	-1.002
118	312	-.577	.111	-.092	-1.089
118	315	-.572	.078	-.314	-.919
118	319	-.596	.127	-.131	-1.336
118	320	-.575	.109	-.161	-1.192
118	327	-.601	.125	-.268	-1.475
118	378	-.655	.207	-.263	-2.026
120	105	-1.235	.322	-.347	-2.707
120	106	-.504	.101	-.140	-.974
120	115	-.451	.080	-.136	-.808
120	305	-.591	.094	-.304	-.953
120	306	-.683	.164	-.354	-1.670
120	307	-.596	.112	-.204	-1.070
120	312	-.576	.120	-.170	-1.139
120	315	-.595	.091	-.337	-1.080
120	319	-.611	.144	-.210	-1.379
120	320	-.586	.118	-.214	-1.139
120	327	-.621	.145	-.191	-1.310
120	378	-.721	.245	-.250	-2.122
122	105	-1.132	.328	-.260	-2.850
122	106	-.530	.116	-.076	-1.136
122	115	-.460	.089	-.153	-.975
122	305	-.568	.101	-.235	-1.031
122	306	-.698	.198	-.194	-2.028
122	307	-.562	.119	-.154	-1.045
122	312	-.542	.125	-.125	-1.177
122	315	-.594	.104	-.328	-1.135
122	319	-.575	.154	-.163	-1.451
122	320	-.551	.130	-.182	-1.226
122	327	-.600	.159	-.092	-1.681
122	378	-.809	.285	-.272	-2.415
124	105	-1.055	.367	-.302	-3.061
124	106	-.559	.126	-.001	-1.097
124	115	-.471	.104	-.036	-.939
124	305	-.563	.106	-.169	-1.101
124	306	-.775	.260	-.245	-2.578
124	307	-.544	.124	.044	-1.057
124	312	-.520	.129	-.069	-1.036
124	315	-.615	.125	-.310	-1.227
124	319	-.572	.159	-.142	-1.423
124	320	-.548	.136	-.042	-1.291
124	327	-.606	.165	-.152	-1.461
124	378	-.899	.344	-.249	-2.591
126	105	-.944	.339	-.243	-2.932
126	106	-.550	.126	-.100	-1.162
126	115	-.466	.113	-.125	-.965
126	305	-.547	.107	-.082	-.929
126	306	-.838	.314	-.248	-2.729
126	307	-.516	.124	.039	-1.084
126	312	-.488	.127	-.008	-1.090
126	315	-.630	.135	-.295	-1.242
126	319	-.516	.157	.206	-1.417
126	320	-.499	.139	.079	-1.171
126	327	-.562	.170	.004	-1.421
126	378	-.878	.334	-.240	-2.281
128	105	-.822	.302	-.253	-2.796
128	106	-.543	.127	.113	-1.023
128	115	-.481	.128	-.047	-1.055
128	305	-.528	.108	-.129	-1.030
128	306	-.948	.382	-.328	-3.758
128	307	-.488	.126	.174	-1.079
128	312	-.460	.116	-.010	-.997
128	315	-.693	.167	-.317	-1.322
128	319	-.501	.152	-.007	-1.382

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
128	320	-.494	.141	.078	-1.194	136	378	-.934	.341	-.200	-2.322	142	445	-.383	.075	-.095	-1.151
128	327	-.552	.172	.011	-1.379	138	105	-.445	.080	-.238	-1.069	142	461	-.445	.102	.124	-.825
128	378	-.942	.346	-.296	-2.532	138	106	-.455	.087	-.164	-.994	142	465	-.400	.113	-.003	-.952
130	105	-.690	.234	-.264	-2.942	138	115	-.459	.101	-.081	-.948	142	468	-.439	.107	-.043	-.825
130	106	-.528	.121	-.076	-1.088	138	305	-.351	.063	-.064	-.724	142	469	-.417	.118	.022	-.949
130	115	-.487	.132	-.081	-1.391	138	306	-1.135	.232	-.465	-2.111	142	480	-.312	.093	-.107	-.839
130	305	-.497	.105	-.116	-.860	138	307	-.368	.084	.048	-.911	142	481	-.321	.095	-.112	-.785
130	306	-.993	.381	-.298	-3.143	138	312	-.346	.059	-.147	-.569	142	485	-.431	.272	.029	-2.005
130	307	-.454	.122	.179	-.927	138	315	-1.049	.200	-.447	-2.390	144	105	-.396	.059	-.183	-.701
130	312	-.435	.104	-.001	-.869	138	319	-.345	.063	-.112	-.632	144	106	-.419	.069	-.219	-1.001
130	315	-.788	.193	-.295	-1.603	138	320	-.314	.063	-.082	-.656	144	115	-.419	.074	-.158	-1.012
130	319	-.448	.122	-.054	-1.103	138	327	-.278	.067	-.038	-.628	144	295	-.150	.135	.320	-.629
130	320	-.459	.128	.019	-1.112	138	378	-.890	.364	.057	-2.341	144	206	-.194	.054	.005	-.486
130	327	-.482	.157	.025	-1.436	140	105	-.415	.068	-.220	-.757	144	215	.033	.077	.284	-.352
130	378	-1.045	.365	-.222	-2.726	140	106	-.433	.077	-.194	-.914	144	224	.304	.098	.621	-.141
132	105	-.569	.144	-.206	-1.811	140	115	-.434	.088	-.166	-1.046	144	285	.049	.085	.370	-.209
132	106	-.516	.115	.008	-1.086	140	305	-.334	.057	-.170	-.738	144	305	-.317	.045	-.153	-.533
132	115	-.505	.132	-.024	-1.134	140	306	-1.142	.251	-.325	-2.103	144	306	-.973	.265	-.147	-1.884
132	305	-.453	.107	-.092	-.959	140	307	-.371	.085	-.058	-.802	144	307	-.392	.093	-.153	-.873
132	306	-1.016	.329	-.329	-3.050	140	312	-.329	.054	-.145	-.603	144	312	-.317	.047	-.179	-.491
132	307	-.419	.124	.057	-.932	140	315	-.993	.183	-.454	-2.342	144	315	-.835	.197	-.307	-2.271
132	312	-.409	.095	-.067	-.950	140	319	-.327	.055	-.157	-.538	144	319	-.310	.047	-.147	-.475
132	315	-.847	.202	-.288	-1.687	140	320	-.288	.054	-.111	-.515	144	320	-.256	.047	-.070	-.458
132	319	-.423	.110	.066	-1.197	140	327	-.250	.054	-.059	-.536	144	327	-.224	.040	-.024	-.425
132	320	-.435	.121	-.007	-1.062	140	378	-.783	.352	.064	-2.211	144	378	-.549	.288	.134	-2.070
132	327	-.438	.141	.042	-1.382	142	105	-.400	.061	-.168	-.734	144	405	-.422	.063	-.259	-.738
132	378	-1.040	.356	-.298	-2.841	142	106	-.420	.070	-.087	-.942	144	406	-.386	.067	-.198	-.879
134	105	-.506	.112	-.250	-1.440	142	115	-.419	.078	-.111	-.941	144	407	-.436	.070	-.246	-.767
134	106	-.486	.105	-.175	-1.020	142	205	-.220	.128	.276	-.687	144	412	-.397	.062	-.197	-.683
134	115	-.483	.120	-.059	-1.057	142	206	-.186	.057	-.019	-.464	144	419	-.382	.062	-.187	-.634
134	305	-.394	.087	-.028	-.882	142	215	.056	.080	.324	-.229	144	420	-.374	.061	-.177	-.635
134	306	-1.042	.249	-.471	-2.334	142	224	.329	.104	.658	-.064	144	427	-.371	.056	-.187	-.602
134	307	-.376	.104	.117	-.920	142	285	.060	.077	.319	-.172	144	439	-.366	.048	-.202	-.594
134	312	-.373	.077	-.144	-.724	142	305	-.321	.052	-.169	-.605	144	445	-.373	.056	-.189	-.647
134	315	-.944	.203	-.346	-1.705	142	306	-1.062	.269	-.315	-2.124	144	461	-.437	.099	.060	-.831
134	319	-.376	.086	-.092	-.802	142	307	-.378	.094	-.195	-.862	144	465	-.387	.096	.041	-.760
134	320	-.376	.098	-.062	-.983	142	312	-.318	.051	-.127	-.510	144	468	-.432	.102	-.068	-.783
134	327	-.358	.109	-.019	-.955	142	315	-.966	.198	-.421	-2.173	144	469	-.407	.122	.160	-.890
134	378	-.998	.360	-.172	-2.294	142	319	-.326	.050	-.173	-.620	144	480	-.339	.101	-.076	-.861
136	105	-.474	.105	-.194	-1.248	142	320	-.280	.050	-.105	-.564	144	481	-.348	.101	-.102	-.838
136	106	-.464	.102	-.191	-1.106	142	327	-.239	.045	-.092	-.498	144	485	-.480	.284	.059	-2.124
136	115	-.466	.121	-.043	-1.127	142	378	-.723	.351	.148	-2.222	146	105	-.393	.055	-.234	-.770
136	305	-.367	.080	-.073	-.735	142	405	-.430	.062	-.245	-.688	146	106	-.413	.057	-.228	-.721
136	306	-1.076	.249	-.230	-2.894	142	406	-.389	.064	-.195	-.855	146	115	-.410	.063	-.201	-.787
136	307	-.365	.099	.203	-.850	142	407	-.445	.073	-.213	-.799	146	205	-.061	.142	.475	-.565
136	312	-.356	.072	-.131	-.675	142	412	-.399	.060	-.174	-.680	146	206	-.199	.052	-.018	-.413
136	315	-1.004	.193	-.249	-2.116	142	419	-.385	.061	-.185	-.637	146	215	.009	.074	.284	-.248
136	319	-.356	.072	-.084	-.661	142	420	-.377	.058	-.172	-.596	146	224	.274	.099	.636	-.060
136	320	-.339	.079	-.060	-.724	142	427	-.371	.053	-.172	-.554	146	285	.045	.076	.334	-.179
136	327	-.315	.093	-.029	-.857	142	439	-.369	.057	-.140	-.746	146	305	-.319	.046	-.191	-.521

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
146	306	-.840	.250	-.044	-1.926
146	307	-.429	.100	-.144	-.805
146	312	-.317	.044	-.162	-.498
146	315	-.748	.194	-.260	-1.720
146	319	-.303	.043	-.173	-.478
146	320	-.240	.043	-.097	-.438
146	327	-.215	.037	-.099	-.386
146	378	-.474	.276	.328	-1.725
146	405	-.420	.055	-.244	-.735
146	406	-.384	.057	-.198	-.732
146	407	-.431	.060	-.249	-.798
146	412	-.388	.053	-.211	-.570
146	419	-.371	.054	-.170	-.571
146	420	-.365	.053	-.165	-.527
146	427	-.361	.049	-.198	-.518
146	439	-.372	.048	-.200	-.550
146	445	-.379	.051	-.147	-.626
146	461	-.423	.098	.143	-.735
146	465	-.390	.087	-.028	-1.000
146	468	-.423	.109	-.007	-1.002
146	469	-.424	.122	.184	-1.066
146	480	-.368	.103	-.062	-.870
146	481	-.375	.101	-.067	-.883
146	485	-.491	.250	-.016	-2.092
148	105	-.389	.050	-.210	-.665
148	106	-.412	.053	-.244	-.714
148	115	-.408	.056	-.241	-.681
148	205	.006	.149	.524	-.426
148	206	-.200	.050	-.016	-.410
148	215	-.011	.071	.245	-.300
148	224	.245	.095	.530	-.091
148	285	.039	.073	.305	-.210
148	305	-.323	.043	-.173	-.568
148	306	-.691	.230	-.001	-1.768
148	307	-.473	.102	-.187	-.912
148	312	-.317	.040	-.162	-.455
148	315	-.636	.171	-.149	-1.690
148	319	-.306	.039	-.174	-.433
148	320	-.233	.038	-.082	-.380
148	327	-.216	.034	-.089	-.391
148	378	-.419	.273	.302	-1.681
148	405	-.420	.057	-.259	-.673
148	406	-.386	.060	-.226	-.878
148	407	-.433	.063	-.266	-.743
148	412	-.405	.054	-.251	-.581
148	419	-.387	.055	-.199	-.563
148	420	-.382	.055	-.196	-.566
148	427	-.379	.050	-.218	-.543
148	439	-.382	.044	-.214	-.538
148	445	-.395	.048	-.194	-.566

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
148	461	-.446	.094	-.041	-1.042
148	465	-.410	.086	.048	-.856
148	468	-.416	.111	.171	-.914
148	469	-.442	.121	.121	-1.213
148	480	-.375	.100	-.048	-.971
148	481	-.378	.094	-.035	-.746
148	485	-.509	.219	-.034	-2.075
150	105	-.394	.053	-.199	-.658
150	106	-.416	.052	-.257	-.669
150	115	-.411	.055	-.235	-.752
150	205	.080	.159	.577	-.584
150	206	-.209	.048	-.029	-.419
150	215	-.038	.067	.266	-.274
150	224	.214	.087	.499	-.087
150	285	.022	.071	.326	-.206
150	305	-.318	.041	-.178	-.503
150	306	-.502	.209	.123	-1.470
150	307	-.498	.094	-.191	-.837
150	312	-.305	.040	-.168	-.459
150	315	-.525	.178	.027	-1.600
150	319	-.291	.040	-.125	-.432
150	320	-.211	.039	-.065	-.359
150	327	-.200	.034	-.071	-.365
150	378	-.264	.252	.310	-1.598
150	405	-.413	.053	-.238	-.614
150	406	-.378	.055	-.180	-.600
150	407	-.423	.059	-.222	-.737
150	412	-.399	.054	-.214	-.622
150	419	-.381	.055	-.208	-.608
150	420	-.376	.055	-.187	-.576
150	427	-.373	.051	-.188	-.557
150	439	-.367	.043	-.228	-.518
150	445	-.386	.049	-.196	-.573
150	461	-.439	.088	.097	-.791
150	465	-.395	.082	-.051	-.883
150	468	-.441	.102	.079	-.877
150	469	-.482	.113	.045	-1.035
150	480	-.367	.100	-.061	-.917
150	481	-.373	.092	-.090	-.726
150	485	-.498	.135	-.018	-1.481
152	105	-.405	.048	-.249	-.728
152	106	-.431	.051	-.203	-.672
152	115	-.426	.052	-.250	-.682
152	205	.129	.168	.615	-.433
152	206	-.215	.046	-.064	-.418
152	215	-.058	.063	.161	-.285
152	224	.193	.084	.492	-.065
152	285	.014	.072	.293	-.293
152	305	-.324	.042	-.191	-.499
152	306	-.366	.188	.203	-1.286

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
152	307	-.539	.093	-.223	-.846
152	312	-.306	.040	-.159	-.463
152	315	-.414	.154	.380	-1.281
152	319	-.291	.038	-.147	-.427
152	320	-.199	.038	-.032	-.327
152	327	-.195	.033	-.069	-.321
152	378	-.204	.220	.326	-1.197
152	405	-.416	.050	-.248	-.627
152	406	-.383	.052	-.235	-.674
152	407	-.424	.053	-.240	-.640
152	412	-.393	.054	-.223	-.562
152	419	-.374	.055	-.184	-.574
152	420	-.370	.055	-.193	-.541
152	427	-.367	.050	-.199	-.526
152	439	-.377	.044	-.237	-.541
152	445	-.399	.048	-.248	-.547
152	461	-.471	.080	-.093	-.855
152	465	-.425	.075	-.008	-.676
152	468	-.462	.099	.090	-.855
152	469	-.494	.104	-.096	-1.013
152	480	-.383	.109	.003	-.912
152	481	-.393	.099	-.085	-.770
152	485	-.494	.126	-.201	-2.200
154	105	-.399	.048	-.190	-.702
154	106	-.424	.049	-.268	-.624
154	115	-.419	.051	-.201	-.589
154	205	.139	.177	.684	-.432
154	206	-.228	.043	-.047	-.398
154	215	-.083	.061	.168	-.305
154	224	.165	.080	.476	-.119
154	285	.003	.069	.326	-.211
154	305	-.323	.039	-.187	-.494
154	306	-.260	.164	.239	-.925
154	307	-.553	.086	-.225	-.839
154	312	-.303	.041	-.154	-.429
154	315	-.297	.151	.297	-.925
154	319	-.283	.039	-.147	-.444
154	320	-.182	.040	-.039	-.336
154	327	-.182	.035	-.059	-.318
154	378	-.082	.196	.453	-.909
154	405	-.423	.050	-.276	-.637
154	406	-.386	.053	-.223	-.713
154	407	-.429	.052	-.285	-.657
154	412	-.412	.052	-.248	-.602
154	419	-.393	.053	-.229	-.580
154	420	-.388	.052	-.235	-.578
154	427	-.385	.049	-.222	-.568
154	439	-.382	.041	-.246	-.492
154	445	-.409	.047	-.234	-.587
154	461	-.488	.077	-.230	-.792

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
154	465	-.445	.067	-.201	-.650	158	312	-.291	.043	-.138	-.424	204	407	-.586	.116	-.120	-1.339
154	468	-.490	.086	-.170	-.976	158	315	-.085	.173	.609	-.767	204	412	-.556	.122	-.193	-1.246
154	469	-.514	.093	-.239	-1.004	158	319	-.271	.037	-.104	-.393	204	419	-.596	.169	-.070	-1.602
154	480	-.403	.100	-.062	-1.067	158	320	-.150	.041	.020	-.312	204	420	-.563	.140	-.089	-1.309
154	481	-.419	.091	-.106	-.833	158	327	-.156	.035	-.093	-.258	204	427	-.620	.176	-.013	-1.678
154	485	-.504	.108	-.207	-1.309	158	378	.063	.149	.566	-.657	204	439	-.539	.110	-.232	-1.227
156	105	-.402	.050	-.221	-.700	158	405	-.432	.051	-.256	-.645	204	445	-.547	.128	-.215	-1.221
156	106	-.429	.053	-.251	-.896	158	406	-.390	.052	-.239	-.678	204	461	-.463	.229	.157	-1.698
156	115	-.421	.053	-.236	-.773	158	407	-.436	.052	-.264	-.644	204	465	-.698	.184	-.243	-1.827
156	205	.126	.175	.701	-.455	158	412	-.413	.051	-.255	-.573	204	468	-.337	.177	.160	-.977
156	206	-.229	.041	-.096	-.403	158	419	-.389	.053	-.228	-.545	204	469	-.439	.299	.199	-1.513
156	215	-.100	.058	.113	-.291	158	420	-.385	.053	-.209	-.543	204	480	-.429	.087	-.157	-.839
156	224	.138	.078	.418	-.136	158	427	-.382	.050	-.180	-.548	204	481	-.358	.069	-.131	-.672
156	285	-.006	.057	.262	-.177	158	439	-.379	.043	-.249	-.545	204	485	-.570	.309	.234	-1.895
156	305	-.310	.035	-.179	-.432	158	445	-.403	.048	-.237	-.641	206	205	-1.316	.431	-.436	-3.154
156	306	-.153	.158	.375	-.989	158	461	-.489	.077	-.284	-.877	206	206	-.538	.122	-.094	-1.085
156	307	-.547	.082	-.258	-.806	158	465	-.456	.068	-.204	-.737	206	215	-.465	.104	-.123	-.967
156	312	-.290	.037	-.141	-.397	158	468	-.513	.085	-.304	-.920	206	224	-.482	.119	-.072	-1.130
156	315	-.190	.169	.521	-.700	158	469	-.517	.095	-.289	-.974	206	285	-.428	.094	-.165	-1.040
156	319	-.274	.041	-.135	-.405	158	480	-.447	.115	-.090	-1.234	206	405	-.604	.117	-.184	-1.175
156	320	-.165	.042	.006	-.311	158	481	-.449	.093	-.131	-.993	206	406	-.711	.190	-.301	-2.355
156	327	-.169	.036	-.046	-.288	158	485	-.510	.110	-.170	-1.038	206	407	-.592	.118	-.177	-1.166
156	378	.022	.179	.641	-.737	202	205	-1.312	.314	-.457	-2.577	206	412	-.580	.125	-.113	-1.255
156	405	-.415	.046	-.258	-.627	202	206	-.421	.083	-.103	-.999	206	419	-.626	.177	-.096	-1.651
156	406	-.379	.049	-.211	-.631	202	215	-.385	.073	-.147	-.654	206	420	-.595	.148	-.102	-1.467
156	407	-.422	.049	-.269	-.732	202	224	-.378	.076	-.089	-.760	206	427	-.661	.188	-.068	-1.488
156	412	-.423	.052	-.233	-.584	202	285	-.380	.079	-.078	-.832	206	439	-.568	.115	-.296	-1.117
156	419	-.402	.055	-.186	-.585	202	405	-.542	.103	-.161	-1.177	206	445	-.576	.137	-.211	-1.295
156	420	-.398	.054	-.220	-.585	202	406	-.567	.112	-.280	-1.228	206	461	-.412	.218	.134	-1.334
156	427	-.393	.054	-.184	-.656	202	407	-.547	.106	-.112	-1.130	206	465	-.725	.200	-.280	-1.954
156	439	-.374	.041	-.175	-.514	202	412	-.540	.110	-.159	-1.473	206	468	-.298	.167	.433	-1.081
156	445	-.400	.049	-.228	-.562	202	419	-.563	.151	-.117	-1.270	206	469	-.374	.291	.633	-1.495
156	461	-.487	.074	-.254	-.801	202	420	-.538	.127	-.068	-1.251	206	480	-.417	.090	-.191	-.848
156	465	-.446	.064	-.200	-.697	202	427	-.580	.164	-.151	-1.581	206	481	-.347	.071	-.148	-.625
156	468	-.497	.083	-.204	-.881	202	439	-.511	.095	-.227	-1.009	206	485	-.575	.336	.142	-2.376
156	469	-.508	.092	-.232	-1.208	202	445	-.523	.111	-.239	-1.059	208	205	-1.254	.439	-.395	-3.673
156	480	-.425	.105	-.100	-1.086	202	461	-.500	.215	.215	-1.463	208	206	-.572	.128	-.084	-1.087
156	481	-.433	.090	-.127	-.942	202	465	-.662	.164	-.220	-2.022	208	215	-.489	.116	.031	-1.106
156	485	-.503	.097	-.265	-1.050	202	468	-.323	.175	.188	-1.068	208	224	-.510	.131	-.047	-1.002
158	105	-.405	.050	-.252	-.832	202	469	-.406	.283	.242	-1.733	208	285	-.475	.102	-.155	-1.302
158	106	-.432	.052	-.279	-.662	202	480	-.400	.081	-.223	-.889	208	405	-.648	.121	-.070	-1.260
158	115	-.422	.054	-.263	-.655	202	481	-.334	.062	-.190	-.659	208	406	-.821	.237	-.406	-2.753
158	205	.124	.174	.784	-.364	202	485	-.608	.318	.127	-2.025	208	407	-.626	.123	-.052	-1.188
158	206	-.237	.042	-.090	-.404	204	205	-1.308	.350	-.507	-2.943	208	412	-.577	.127	-.130	-1.581
158	215	-.123	.056	.085	-.312	204	206	-.480	.101	-.117	-1.074	208	419	-.619	.177	-.072	-1.674
158	224	.110	.076	.388	-.115	204	215	-.425	.086	-.138	-.895	208	420	-.594	.149	-.017	-1.706
158	285	-.007	.066	.322	-.258	204	224	-.433	.099	-.106	-.970	208	427	-.668	.191	.049	-1.691
158	305	-.312	.040	-.179	-.495	204	285	-.406	.081	-.175	-1.099	208	439	-.603	.127	-.259	-1.166
158	306	-.056	.166	.419	-.944	204	405	-.584	.110	-.082	-1.478	208	445	-.617	.151	-.229	-1.406
158	307	-.561	.094	-.204	-.889	204	406	-.632	.136	-.269	-1.882	208	461	-.393	.224	.096	-1.534

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
208	465	-.754	.204	-.194	-2.320
208	468	-.264	.141	.168	-1.257
208	469	-.305	.280	.335	-1.563
208	480	-.434	.101	-.141	-1.004
208	481	-.353	.081	-.144	-.720
208	485	-.496	.327	.204	-1.842
210	205	-1.221	.446	-.376	-3.250
210	206	-.617	.130	-.023	-1.127
210	215	-.538	.131	-.063	-1.164
210	224	-.562	.142	-.022	-1.175
210	285	-.481	.102	-.197	-1.289
210	405	-.633	.126	-.069	-1.139
210	406	-.894	.280	-.321	-3.152
210	407	-.597	.126	-.038	-1.102
210	412	-.560	.121	-.093	-1.081
210	419	-.597	.160	-.113	-1.469
210	420	-.583	.144	-.040	-1.205
210	427	-.651	.183	.026	-1.517
210	439	-.668	.140	-.292	-1.225
210	445	-.678	.171	-.307	-1.485
210	461	-.382	.226	.153	-1.353
210	465	-.804	.218	-.141	-1.900
210	468	-.246	.111	.066	-1.189
210	469	-.251	.242	.337	-1.499
210	480	-.451	.100	-.180	-.904
210	481	-.366	.079	-.123	-.678
210	485	-.469	.323	.229	-1.894
212	205	-1.150	.428	-.349	-3.327
212	206	-.655	.126	-.216	-1.166
212	215	-.586	.136	-.003	-1.087
212	224	-.608	.144	-.064	-1.228
212	285	-.506	.107	-.187	-1.130
212	405	-.644	.131	-.142	-1.261
212	406	-1.013	.318	-.387	-2.827
212	407	-.603	.135	-.050	-1.196
212	412	-.569	.114	-.171	-1.209
212	419	-.593	.159	-.021	-1.465
212	420	-.590	.151	-.052	-1.478
212	427	-.645	.176	.024	-1.521
212	439	-.701	.139	-.335	-1.253
212	445	-.715	.170	-.230	-1.644
212	461	-.343	.210	.191	-1.281
212	465	-.836	.231	-.239	-2.424
212	468	-.232	.094	.168	-.856
212	469	-.224	.225	.332	-1.338
212	480	-.451	.092	-.170	-.907
212	481	-.366	.075	-.121	-.679
212	485	-.421	.321	.186	-1.699
214	205	-1.005	.351	-.298	-3.270
214	206	-.668	.127	-.026	-1.237
214	215	-.617	.136	-.149	-1.203
214	224	-.633	.140	-.090	-1.526
214	285	-.516	.104	-.176	-1.231
214	405	-.633	.126	-.208	-1.166
214	406	-1.095	.360	-.356	-3.627
214	407	-.586	.123	-.104	-1.206
214	412	-.558	.103	-.242	-.903
214	419	-.569	.132	-.132	-1.177
214	420	-.578	.140	-.113	-1.279
214	427	-.607	.161	-.017	-1.407
214	439	-.741	.141	-.307	-1.382
214	445	-.769	.173	-.348	-1.643
214	461	-.292	.168	.169	-1.597
214	465	-.807	.233	-.207	-2.331
214	468	-.225	.077	.022	-.743
214	469	-.181	.191	.278	-1.201
214	480	-.455	.092	-.209	-.903
214	481	-.363	.074	-.147	-.669
214	485	-.449	.343	.223	-2.062
216	205	-.946	.309	-.368	-3.009
216	206	-.688	.117	-.157	-1.356
216	215	-.655	.135	-.171	-1.276
216	224	-.664	.136	.042	-1.338
216	285	-.550	.101	-.286	-1.216
216	405	-.630	.116	-.220	-1.128
216	406	-1.216	.381	-.512	-4.234
216	407	-.587	.116	-.183	-1.016
216	412	-.559	.096	-.196	-1.068
216	419	-.566	.120	-.160	-1.284
216	420	-.567	.135	-.083	-1.278
216	427	-.577	.153	-.093	-1.345
216	439	-.801	.147	-.298	-1.393
216	445	-.840	.182	-.364	-1.800
216	461	-.269	.144	.145	-1.156
216	465	-.809	.249	-.098	-2.318
216	468	-.235	.092	.043	-.977
216	469	-.207	.218	.202	-1.397
216	480	-.475	.093	-.233	-.858
216	481	-.376	.075	-.162	-.687
216	485	-.340	.314	.198	-2.123
218	205	-.856	.233	-.412	-2.553
218	206	-.688	.107	-.286	-1.172
218	215	-.674	.131	-.214	-1.429
218	224	-.673	.124	-.173	-1.233
218	285	-.568	.100	-.311	-1.233
218	405	-.604	.108	-.258	-1.011
218	406	-1.293	.374	-.544	-3.344
218	407	-.570	.107	-.133	-.997
218	412	-.552	.085	-.206	-.849
218	419	-.558	.102	-.192	-1.270
218	420	-.549	.121	-.105	-1.106
218	427	-.547	.136	-.089	-1.268
218	439	-.849	.143	-.403	-1.386
218	445	-.891	.187	-.314	-2.072
218	461	-.255	.120	.280	-1.022
218	465	-.816	.264	.154	-2.718
218	468	-.236	.084	.068	-.808
218	469	-.191	.210	.461	-1.729
218	480	-.497	.093	-.231	-.876
218	481	-.390	.074	-.166	-.659
218	485	-.350	.316	.354	-1.563
220	205	-.793	.219	-.336	-2.817
220	206	-.665	.101	-.310	-1.203
220	215	-.660	.120	-.291	-1.555
220	224	-.654	.115	-.150	-1.333
220	285	-.572	.101	-.313	-1.356
220	405	-.567	.088	-.260	-.964
220	406	-1.334	.337	-.512	-3.383
220	407	-.551	.096	-.230	-.978
220	412	-.530	.074	-.295	-.865
220	419	-.536	.086	-.257	-.852
220	420	-.509	.104	-.218	-.992
220	427	-.507	.121	-.079	-1.012
220	439	-.856	.132	-.392	-1.340
220	445	-.896	.175	-.354	-1.678
220	461	-.254	.115	.178	-.963
220	465	-.778	.258	.135	-1.926
220	468	-.222	.067	.076	-.665
220	469	-.138	.146	.209	-1.386
220	480	-.492	.098	-.186	-.887
220	481	-.381	.077	-.113	-.708
220	485	-.216	.267	.299	-1.782
222	205	-.783	.170	-.401	-2.226
222	206	-.689	.091	-.368	-1.207
222	215	-.689	.108	-.279	-1.286
222	224	-.678	.105	-.351	-1.259
222	285	-.591	.107	-.354	-1.254
222	405	-.550	.077	-.255	-.930
222	406	-1.430	.345	-.536	-2.859
222	407	-.558	.097	-.266	-1.053
222	412	-.515	.069	-.290	-.780
222	419	-.520	.080	-.274	-.928
222	420	-.478	.093	-.169	-.985
222	427	-.470	.103	-.094	-.876
222	439	-.860	.133	-.442	-1.240
222	445	-.892	.175	-.378	-1.792
222	461	-.251	.095	.213	-.884
222	465	-.748	.254	.202	-1.941
222	468	-.222	.062	.082	-.576
222	469	-.122	.123	.253	-1.230

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
222	480	-.505	.094	-.219	-1.100
222	481	-.389	.073	-.146	-.789
222	485	-.200	.273	.336	-1.605
224	205	-.758	.154	-.408	-1.592
224	206	-.681	.083	-.386	-1.063
224	215	-.685	.096	-.392	-1.289
224	224	-.673	.092	-.413	-1.141
224	285	-.621	.114	-.329	-1.524
224	405	-.550	.077	-.283	-.973
224	406	-1.438	.338	-.417	-2.895
224	407	-.578	.110	-.273	-1.150
224	412	-.509	.063	-.272	-.739
224	419	-.512	.071	-.232	-.916
224	420	-.457	.081	-.189	-.976
224	427	-.441	.091	-.179	-.904
224	439	-.839	.126	-.376	-1.442
224	445	-.876	.180	-.370	-1.618
224	461	-.239	.069	.110	-.654
224	465	-.645	.262	.389	-1.797
224	468	-.218	.060	.018	-.494
224	469	-.103	.102	.184	-.777
224	480	-.513	.083	-.297	-.870
224	481	-.392	.066	-.211	-.633
224	485	-.173	.267	.386	-1.263
226	205	-.726	.140	-.375	-1.876
226	206	-.673	.074	-.382	-.998
226	215	-.675	.085	-.379	-1.109
226	224	-.663	.084	-.402	-1.093
226	285	-.627	.106	-.382	-1.454
226	405	-.541	.070	-.336	-.874
226	406	-1.409	.316	-.523	-2.714
226	407	-.590	.109	-.279	-1.052
226	412	-.505	.064	-.285	-.818
226	419	-.505	.069	-.249	-.865
226	420	-.440	.074	-.188	-.851
226	427	-.422	.079	-.211	-.793
226	439	-.818	.126	-.391	-1.330
226	445	-.842	.182	-.263	-2.026
226	461	-.232	.071	.111	-.735
226	465	-.587	.252	.351	-1.534
226	468	-.218	.062	.030	-.577
226	469	-.099	.097	.248	-.796
226	480	-.523	.089	-.252	-.895
226	481	-.397	.069	-.172	-.643
226	485	-.107	.229	.481	-1.135
228	205	-.693	.118	-.360	-1.255
228	206	-.657	.071	-.430	-.971
228	215	-.659	.079	-.366	-1.044
228	224	-.648	.078	-.403	-1.157
228	285	-.644	.117	-.401	-1.744
228	405	-.548	.075	-.313	-1.010
228	406	-1.311	.336	-.166	-2.655
228	407	-.631	.124	-.328	-1.126
228	412	-.501	.057	-.286	-.699
228	419	-.495	.060	-.275	-.713
228	420	-.419	.063	-.194	-.703
228	427	-.404	.065	-.198	-.783
228	439	-.779	.120	-.340	-1.217
228	445	-.802	.170	-.215	-1.549
228	461	-.233	.066	.041	-.673
228	465	-.530	.259	.389	-1.540
228	468	-.213	.061	.066	-.508
228	469	-.079	.080	.271	-.626
228	480	-.521	.083	-.284	-.982
228	481	-.395	.065	-.160	-.718
228	485	-.070	.228	.579	-1.042
280	105	-.433	.103	-.174	-1.112
280	106	-.474	.162	-.118	-2.071
280	115	-.417	.104	-.141	-1.050
280	305	-.263	.304	.452	-1.552
280	306	-.303	.066	-.091	-.587
280	307	-.178	.220	.446	-2.079
280	312	-.282	.303	.525	-2.392
280	315	-.294	.056	-.095	-.551
280	319	-.259	.322	.709	-2.417
280	320	-.164	.348	.646	-1.997
280	327	-.160	.333	.667	-1.616
280	378	-.261	.046	-.097	-.391
282	105	-.437	.109	-.068	-.969
282	106	-.495	.178	-.148	-1.965
282	115	-.426	.107	-.129	-1.149
282	305	-.382	.307	.299	-1.804
282	306	-.316	.068	-.109	-.701
282	307	-.248	.240	.289	-2.493
282	312	-.374	.294	.495	-3.017
282	315	-.296	.054	-.102	-.652
282	319	-.371	.316	.641	-3.005
282	320	-.278	.351	.604	-2.358
282	327	-.282	.321	.709	-1.685
282	378	-.259	.047	-.037	-.409
284	105	-.429	.121	-.086	-1.434
284	106	-.498	.179	-.112	-1.987
284	115	-.439	.121	-.123	-1.197
284	305	-.466	.315	-.241	-2.230
284	306	-.307	.072	-.001	-.888
284	307	-.309	.264	.219	-1.968
284	312	-.460	.314	.479	-2.140
284	315	-.294	.059	-.096	-.629
284	319	-.451	.328	.571	-3.664
284	320	-.373	.357	.506	-2.558
284	327	-.370	.323	.547	-2.129
284	378	-.245	.038	-.115	-.402
286	105	-.427	.124	-.082	-1.426
286	106	-.484	.163	-.095	-1.616
286	115	-.435	.121	-.117	-1.209
286	305	-.580	.316	.188	-1.872
286	306	-.304	.078	-.039	-.693
286	307	-.356	.264	.317	-2.154
286	312	-.544	.322	.322	-2.667
286	315	-.292	.057	-.088	-.549
286	319	-.513	.301	.429	-2.425
286	320	-.454	.332	.446	-2.381
286	327	-.444	.299	.453	-2.316
286	378	-.235	.039	-.075	-.477
288	105	-.412	.117	-.054	-1.230
288	106	-.495	.191	-.140	-2.055
288	115	-.420	.114	-.134	-1.099
288	305	-.755	.321	.131	-1.993
288	306	-.297	.074	-.013	-.779
288	307	-.451	.272	.132	-2.190
288	312	-.641	.303	.189	-3.460
288	315	-.288	.055	-.098	-.725
288	319	-.604	.327	.425	-2.914
288	320	-.576	.359	.351	-3.161
288	327	-.538	.285	.350	-2.295
288	378	-.231	.039	-.087	-.439
290	105	-.411	.132	-.043	-1.255
290	106	-.658	.318	-.127	-2.573
290	115	-.445	.145	-.052	-1.166
290	305	-.949	.430	.268	-2.406
290	306	-.299	.096	-.021	-.865
290	307	-.773	.490	.573	-2.580
290	312	-.824	.453	.400	-3.150
290	315	-.277	.071	-.062	-.630
290	319	-.771	.446	.577	-3.257
290	320	-.769	.492	.635	-3.451
290	327	-.687	.380	.546	-2.522
290	378	-.182	.033	-.089	-.378
292	105	-.402	.134	-.002	-1.305
292	106	-.717	.359	-.067	-2.707
292	115	-.458	.167	-.048	-1.573
292	305	-1.006	.419	.147	-2.202
292	306	-.300	.097	-.038	-.882
292	307	-.871	.501	.249	-2.583
292	312	-.888	.461	.308	-3.213
292	315	-.280	.073	-.064	-.682
292	319	-.800	.411	.578	-3.538
292	320	-.804	.454	.516	-3.945
292	327	-.727	.359	.393	-3.081
292	378	-.170	.030	-.062	-.304

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
294	105	-.391	.137	.113	-1.107
294	106	-.728	.357	-.007	-3.091
294	115	-.477	.176	-.118	-1.742
294	305	-.998	.386	.074	-2.513
294	306	-.296	.095	.139	-.847
294	307	-.890	.455	.229	-2.492
294	312	-.886	.441	.295	-4.350
294	315	-.272	.073	-.064	-.533
294	319	-.821	.368	.378	-2.687
294	320	-.826	.407	.430	-2.940
294	327	-.757	.315	.333	-2.049
294	378	-.163	.030	-.057	-.294
296	105	-.393	.139	.057	-1.122
296	106	-.811	.421	-.118	-3.162
296	115	-.499	.178	-.106	-1.432
296	305	-1.037	.383	.159	-2.407
296	306	-.298	.104	.074	-.815
296	307	-.934	.448	.318	-2.685
296	312	-.889	.403	.137	-3.134
296	315	-.284	.079	-.028	-.738
296	319	-.851	.351	.269	-3.605
296	320	-.856	.384	.266	-4.080
296	327	-.792	.312	.267	-2.395
296	378	-.170	.031	-.083	-.321
298	105	-.386	.140	.018	-1.156
298	106	-.835	.416	-.082	-3.068
298	115	-.507	.191	-.061	-1.507
298	305	-.998	.355	.044	-2.483
298	306	-.293	.101	.158	-.751
298	307	-.922	.397	.081	-2.640
298	312	-.851	.347	.103	-3.214
298	315	-.267	.080	-.046	-.691
298	319	-.821	.309	.286	-2.900
298	320	-.828	.338	.300	-3.132
298	327	-.767	.273	.209	-1.736
298	378	-.167	.032	-.065	-.320
300	105	-.432	.130	.059	-.973
300	106	-.635	.313	-.097	-2.286
300	115	-.428	.117	-.062	-1.198
300	305	-.944	.311	-.320	-2.844
300	306	-.387	.116	.008	-.969
300	307	-.826	.241	-.222	-2.045
300	312	-.816	.263	-.210	-1.922
300	315	-.356	.094	-.064	-.827
300	319	-.794	.249	-.181	-2.172
300	320	-.803	.254	-.181	-2.355
300	327	-.770	.255	-.199	-2.095
300	378	-.282	.048	-.103	-.499
302	105	-.468	.151	-.021	-1.250
302	106	-.819	.428	-.156	-2.953
302	115	-.501	.153	-.131	-1.420
302	305	-1.000	.431	-.267	-3.711
302	306	-.416	.125	.008	-.892
302	307	-.756	.238	-.228	-2.283
302	312	-.719	.241	-.223	-1.870
302	315	-.372	.107	-.046	-.980
302	319	-.723	.242	-.202	-2.065
302	320	-.731	.247	-.191	-2.291
302	327	-.695	.245	-.137	-2.069
302	378	-.258	.049	-.080	-.505
304	105	-.454	.147	.068	-1.063
304	106	-.893	.462	-.157	-2.984
304	115	-.535	.157	-.094	-1.263
304	305	-1.016	.442	-.214	-3.334
304	306	-.430	.136	.055	-1.106
304	307	-.727	.247	-.159	-2.352
304	312	-.688	.248	-.183	-2.055
304	315	-.381	.116	-.005	-.944
304	319	-.647	.238	-.176	-1.780
304	320	-.656	.240	-.172	-1.793
304	327	-.618	.242	-.124	-1.899
304	378	-.233	.049	-.095	-.433
306	105	-.423	.144	.042	-.986
306	106	-.938	.462	-.137	-3.133
306	115	-.565	.182	-.102	-1.514
306	305	-.954	.435	-.251	-3.090
306	306	-.420	.136	.095	-1.106
306	307	-.654	.238	-.124	-2.066
306	312	-.604	.224	-.129	-1.606
306	315	-.373	.122	.043	-1.148
306	319	-.584	.226	-.116	-1.829
306	320	-.591	.228	-.143	-1.849
306	327	-.557	.224	-.110	-1.692
306	378	-.208	.045	-.071	-.455
308	105	-.411	.142	.166	-1.115
308	106	-.987	.467	-.181	-3.429
308	115	-.646	.221	-.140	-2.389
308	305	-.889	.422	-.243	-3.226
308	306	-.394	.130	.045	-1.121
308	307	-.563	.205	-.121	-1.739
308	312	-.513	.188	-.117	-1.513
308	315	-.358	.122	.034	-1.065
308	319	-.512	.194	-.120	-1.575
308	320	-.519	.196	-.111	-1.589
308	327	-.484	.188	-.095	-1.508
308	378	-.191	.043	-.060	-.417
310	105	-.380	.135	.168	-.971
310	106	-1.015	.376	-.163	-2.853
310	115	-.762	.231	-.134	-1.825
310	305	-.779	.372	-.224	-2.673
310	306	-.392	.132	.069	-1.257
310	307	-.508	.186	-.104	-1.773
310	312	-.461	.171	-.130	-1.616
310	315	-.374	.121	-.007	-1.117
310	319	-.455	.158	-.104	-1.330
310	320	-.461	.160	-.111	-1.334
310	327	-.432	.149	-.128	-1.356
310	378	-.184	.045	-.027	-.384
312	105	-.341	.117	.047	-1.061
312	106	-1.031	.328	.091	-3.020
312	115	-.825	.244	.047	-2.555
312	305	-.749	.333	-.203	-2.339
312	306	-.393	.128	.051	-1.257
312	307	-.489	.173	-.034	-1.470
312	312	-.441	.150	-.142	-1.264
312	315	-.363	.115	.001	-1.059
312	319	-.417	.134	-.076	-1.103
312	320	-.423	.136	-.001	-1.107
312	327	-.396	.123	-.063	-1.078
312	378	-.186	.042	-.060	-.383
314	105	-.308	.094	.039	-1.104
314	106	-1.074	.308	-.192	-2.803
314	115	-.983	.258	-.255	-2.857
314	305	-.669	.306	-.176	-2.438
314	306	-.374	.117	.014	-1.072
314	307	-.459	.167	-.050	-1.659
314	312	-.404	.132	-.078	-1.218
314	315	-.347	.105	-.028	-.841
314	319	-.395	.125	-.064	-1.125
314	320	-.401	.128	-.065	-1.130
314	327	-.375	.114	-.099	-1.157
314	378	-.185	.044	-.056	-.370
316	105	-.286	.083	.059	-.866
316	106	-1.121	.324	-.126	-2.252
316	115	-.855	.281	-.146	-2.181
316	305	-.645	.297	-.074	-2.528
316	306	-.358	.108	-.013	-.951
316	307	-.460	.187	-.017	-1.619
316	312	-.384	.123	-.043	-.962
316	315	-.335	.103	-.016	-1.144
316	319	-.378	.114	-.089	-.997
316	320	-.385	.117	-.084	-1.007
316	327	-.359	.099	-.108	-.884
316	378	-.175	.044	-.030	-.372
318	105	-.259	.074	-.024	-.688
318	106	-1.083	.316	-.120	-2.199
318	115	-.810	.285	-.129	-2.414
318	305	-.533	.237	-.154	-1.871
318	306	-.345	.108	-.013	-1.018
318	307	-.447	.182	-.052	-1.595

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
318	312	-.362	.117	-.074	-1.109	322	319	-.336	.100	-.032	-.916	326	327	-.319	.063	-.100	-.596
318	315	-.322	.107	-.027	-1.139	322	320	-.341	.103	-.038	-.937	326	378	-.186	.046	-.021	-.393
318	319	-.352	.107	-.105	-.949	322	327	-.326	.091	-.036	-.823	328	105	-.236	.049	-.044	-.507
318	320	-.358	.110	-.104	-.962	322	378	-.165	.028	-.060	-.281	328	106	-.751	.296	.209	-1.733
318	327	-.336	.095	-.028	-.960	324	105	-.247	.053	-.068	-.595	328	115	-.755	.298	.076	-1.913
318	378	-.165	.040	-.046	-.355	324	106	-.987	.277	.172	-2.103	328	305	-.352	.080	-.167	-.936
320	105	-.265	.070	-.027	-.649	324	115	-1.091	.444	.103	-2.908	328	306	-.342	.067	-.158	-.806
320	106	-1.081	.324	-.089	-2.373	324	305	-.442	.162	-.151	-1.434	328	307	-.389	.112	-.072	-1.105
320	115	-1.084	.461	-.071	-3.792	324	306	-.344	.082	-.081	-.937	328	312	-.316	.066	-.118	-.597
320	305	-.730	.355	-.193	-2.528	324	307	-.412	.153	-.084	-1.406	328	315	-.328	.064	-.107	-.774
320	306	-.338	.099	.050	-.903	324	312	-.330	.088	-.083	-.776	328	319	-.306	.063	-.109	-.674
320	307	-.463	.212	.004	-1.708	324	315	-.330	.074	-.083	-.676	328	320	-.308	.064	-.112	-.675
320	312	-.358	.113	-.048	-.972	324	319	-.324	.078	-.083	-.711	328	327	-.299	.060	-.112	-.609
320	315	-.314	.101	-.016	-.890	324	320	-.327	.079	-.101	-.712	328	378	-.209	.056	-.021	-.448
320	319	-.366	.123	-.061	-1.105	324	327	-.316	.072	-.062	-.623	330	105	-.235	.045	-.087	-.596
320	320	-.371	.126	-.053	-1.003	324	378	-.170	.032	-.002	-.296	330	106	-.603	.299	.325	-1.771
320	327	-.352	.112	-.075	-1.140	326	105	-.238	.050	-.094	-.556	330	115	-.649	.275	.160	-1.938
320	378	-.152	.025	-.062	-.258	326	106	-.865	.279	.069	-1.914	330	305	-.336	.064	-.158	-.734
322	105	-.256	.064	-.097	-.657	326	115	-.889	.350	-.002	-3.476	330	306	-.339	.065	-.115	-.748
322	106	-1.034	.300	.041	-2.211	326	305	-.375	.120	-.167	-1.648	330	307	-.374	.097	-.114	-1.223
322	115	-1.167	.498	.150	-3.292	326	306	-.333	.076	-.103	-.812	330	312	-.312	.064	-.102	-.582
322	305	-.597	.281	-.160	-1.868	326	307	-.395	.135	-.038	-1.642	330	315	-.341	.064	-.141	-.756
322	306	-.332	.088	.002	-.772	326	312	-.313	.075	-.107	-.701	330	319	-.313	.060	-.072	-.630
322	307	-.421	.185	.058	-1.798	326	315	-.336	.071	-.138	-.692	330	320	-.316	.061	-.068	-.633
322	312	-.331	.101	-.051	-.840	326	319	-.316	.067	-.116	-.632	330	327	-.308	.058	-.071	-.603
322	315	-.319	.092	-.050	-1.074	326	320	-.319	.068	-.114	-.634	330	378	-.249	.072	-.010	-.555