

WIND-TUNNEL STUDY OF
AMERICA'S TOWER, DALLAS

by

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CSU Project 2-27960

April 1982

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CER81-82JAP-JEC57

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LIST OF SYMBOLS

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

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

1. INTRODUCTION

1.1 General

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

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

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

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

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

1.2 The Wind-Tunnel Test

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

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

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

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

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

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

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

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

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

2.2 Model

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

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

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

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

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

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

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

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

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

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

3.2 Pressures

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

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

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

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

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

3.3 Velocity

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

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

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

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

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

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

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

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

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

4. RESULTS

4.1 Flow Visualization

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

4.2 Velocity

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

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

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

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

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

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

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

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

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

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

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

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

4.3 Pressures

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

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

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

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

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

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

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

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

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

frequency with which any given pressure level would be observed.

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

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

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

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

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

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

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

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

Figure 10. For control of water infiltration from outside to inside, the largest positive (inward-acting) pressure at each tap location is tabulated in Table 6.

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

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

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

4.4 Forces and Moments

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

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

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

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

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

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

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in kips, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in psf, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in 1000 ft-kips, was obtained by integration of the shear values so that the moment due to forces acting above the floor level of interest was calculated. The sign of the moment was established by the right-hand rule about an X' , Y' axis through the floor of interest. Moments about the Z axis were calculated by considering the displacement of forces in the X and Y directions from the Z axis shown in Figure 3. 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 a strong vortex flow on the southwest face of the building where it intersects with the garage structure. Large negative (outward-acting) pressures may be expected in that area. Other locations with large pressures may be areas near the building corners. Winds in pedestrian areas appeared to be largest on the sidewalk along Crocket Street adjacent to the building for northerly and southeasterly winds. Future development to the north and northwest of the building may eventually decrease these wind speeds. Wind speeds at the entrance to the building at the corner of Bryan and Crocket appeared to be relatively low.

5.2 Pedestrian Velocities

Figure 4 shows the 19 locations selected for investigation of pedestrian wind comfort. Locations 1 to 4 were selected as reference locations which should be reasonably undisturbed by presence of the new America's Tower building. Locations 10 and 11 were placed on the top deck of the parking garage; location 19 was at the main entrance under the building overhang. Table 2 and Figure 8 show that the largest values of mean velocity about the building were measured at locations 7 and 15. Values ranging from 67 to 75 percent of U_{∞} , the mean velocity at the boundary-layer height, were measured for 5 approach wind directions at location 7 while values ranging from 76 to 88 percent of U_{∞} were measured for 3 wind directions. These values compare to a largest value of 72 and 66 percent measured at reference locations 1 and 4, respectively, and to a value of about 45 percent expected in an open-country environment.

The largest value of fluctuating velocity, U_{rms} , measured about the base of the building was 22 percent of U_{∞} . The largest values measured at reference locations ranged from 21 to 23 percent at locations 1 and 2. For comparison, about 10 to 12 percent might be expected in an open-country environment. The largest values of peak gust near the base of the building, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at location 15 with values of 125 and 132 percent of U_{∞} . The largest value at a reference location was 133 percent at reference location 2. The largest value in an open-country environment might be 80 to 85 percent of U_{∞} .

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 are 7, 15, 1 and 8, all predicted to be unacceptably windy 40 percent of the time or more. Location 1 is an existing location and should provide a good estimate of the windiness to be expected at locations 7 and 15. Location 8 is slightly less windy. Locations 6 and 9 will be rather windy--similar to existing location 2. On the whole, the winds along Crocket Street will be rather high and will discourage pedestrian traffic. Most other locations have moderate wind speeds with the entrance at Bryan and Crocket showing quite low wind speeds.

The results of the pedestrian wind analysis showed that the sidewalk along Crocket Street and a local area at the corner of Bryan and Leonard at the base of the tower (location 15) will be quite windy and will discourage pedestrian traffic. The worst of these areas, near pedestrian locations 7 and 15, will be no worse than the existing location 1 (which apparently is known as a very windy site). The wind

speeds on Crocket Street may decrease if development of blocks to the north and northwest of the America's Tower occurs. Other sidewalk areas about the building have a more moderate wind environment. The entrance at the corner of Bryan and Crocket will have rather low wind speeds.

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 in Configuration A were -3.0 and -2.9 measured at taps 365 and 3654 respectively. These taps are located in the area affected by the vortex observed during flow visualization. A pressure coefficient of -3.7 was measured at tap 365 during the 2-degree azimuthal resolution investigation of Configuration B. This measurement, however, showed indications that it was an extreme event in the probability distribution of the largest peak and was thus not representative of typical pressures to be expected on a cladding element.

The largest peak pressure coefficients of Configuration A represent, using the 50-year recurrence wind reference pressure of Table 5, peak cladding pressures of -80 and -78 psf. Figure 10 shows that most areas of the building had peak negative (outward-acting) pressures in the 30 to 50 psf range and peak positive pressures in the 20 to 30 psf range.

Figure 11 shows load, shear and moment diagrams plotted from Table 7 for the largest loads in the X and Y directions. For both cases, loads in the orthogonal direction remained high for wind directions where the load maxima were reached.

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

FIGURES

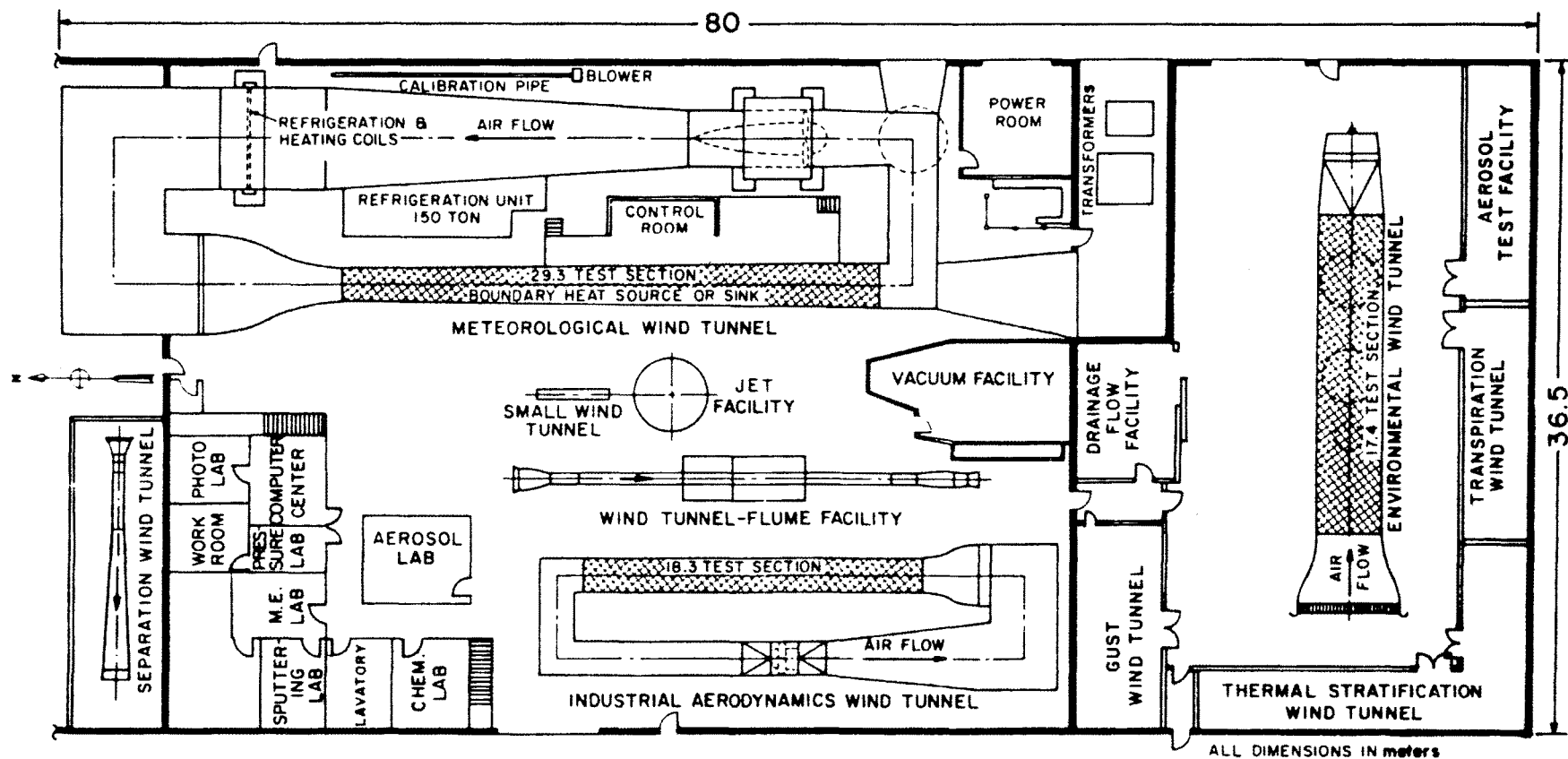
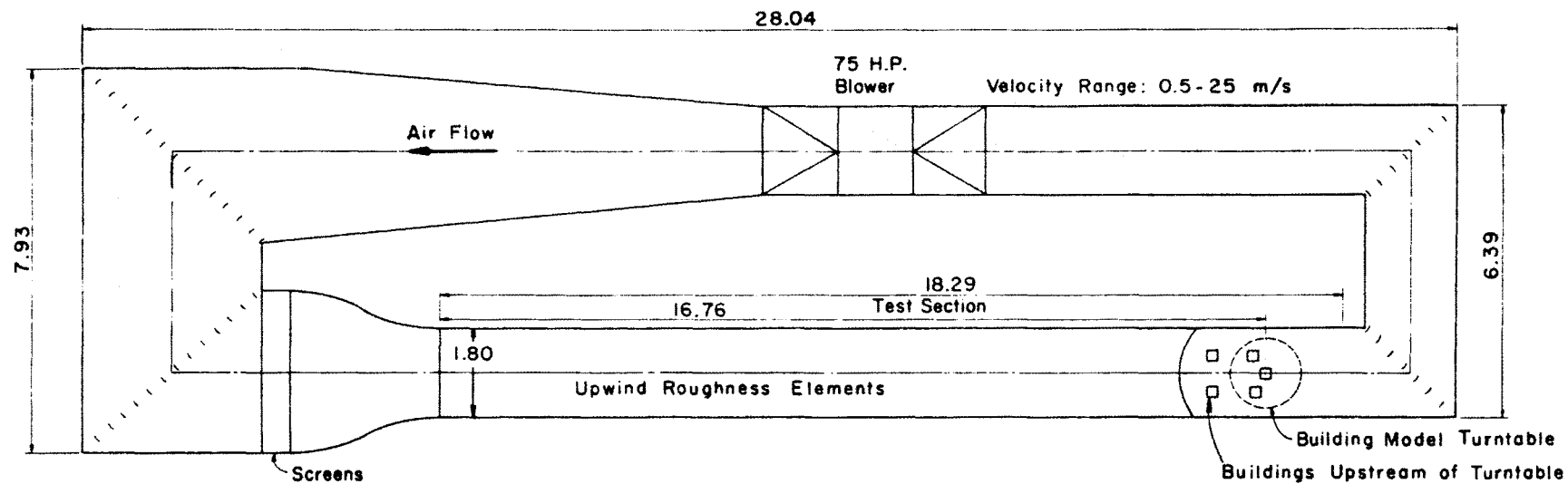
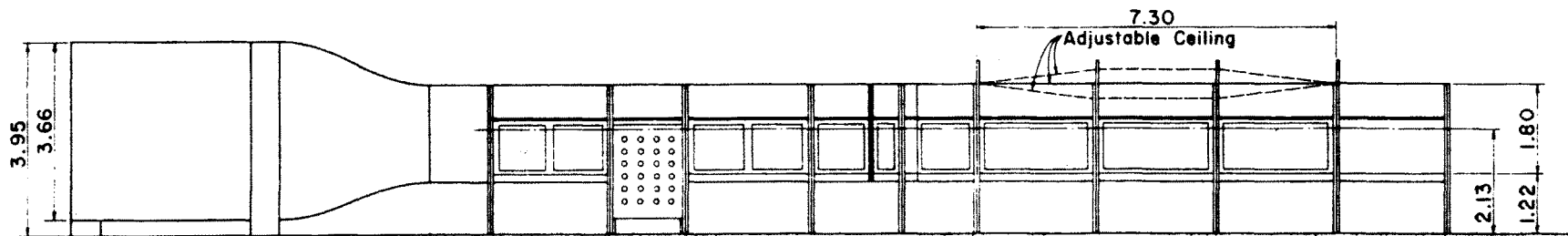


Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY



PLAN

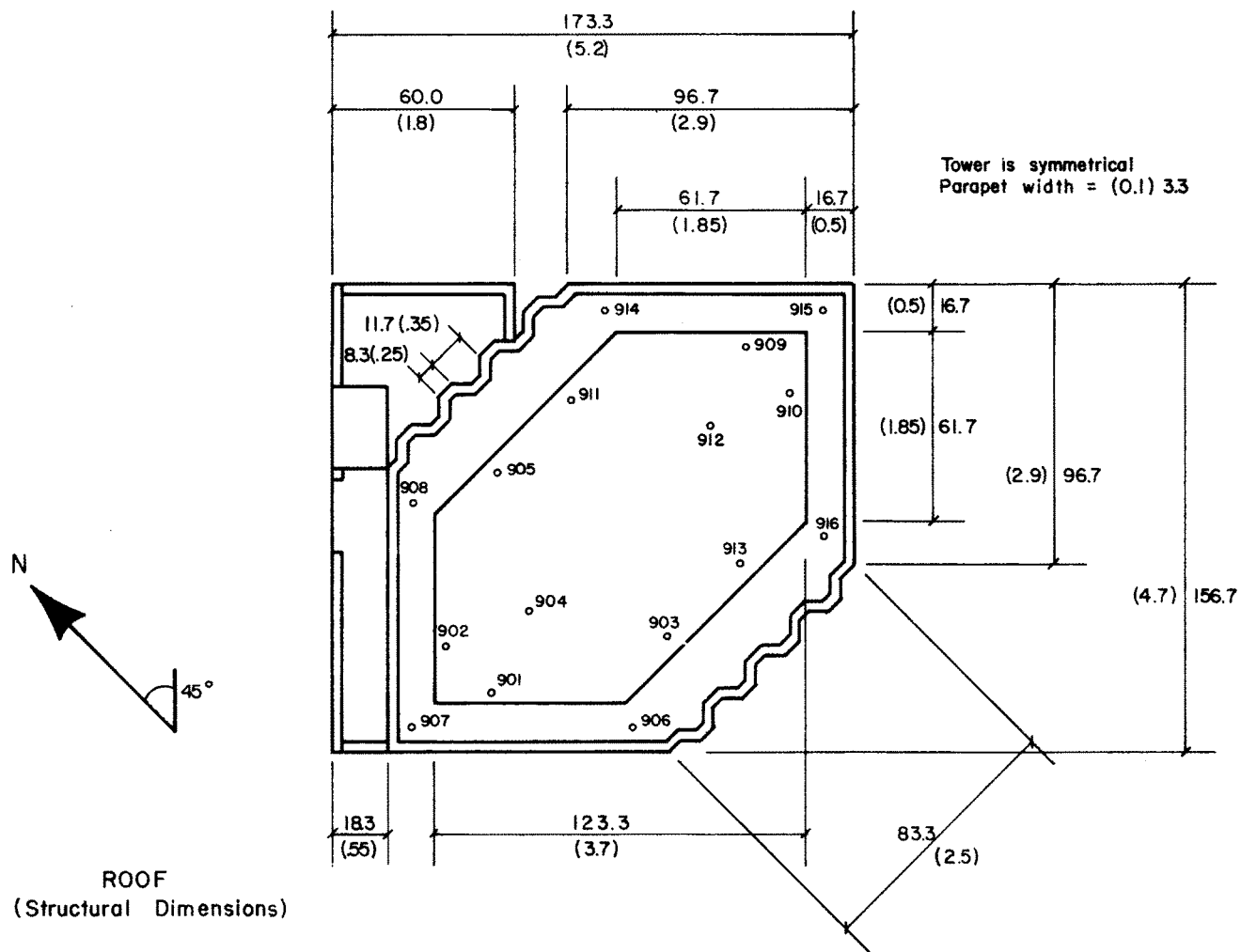


All Dimensions in m

ELEVATION

INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration



Dimensions in full scale feet and model inches.
 Model scale = 1/400
 Total taps = 330

Figure 3a. Pressure Tap Locations

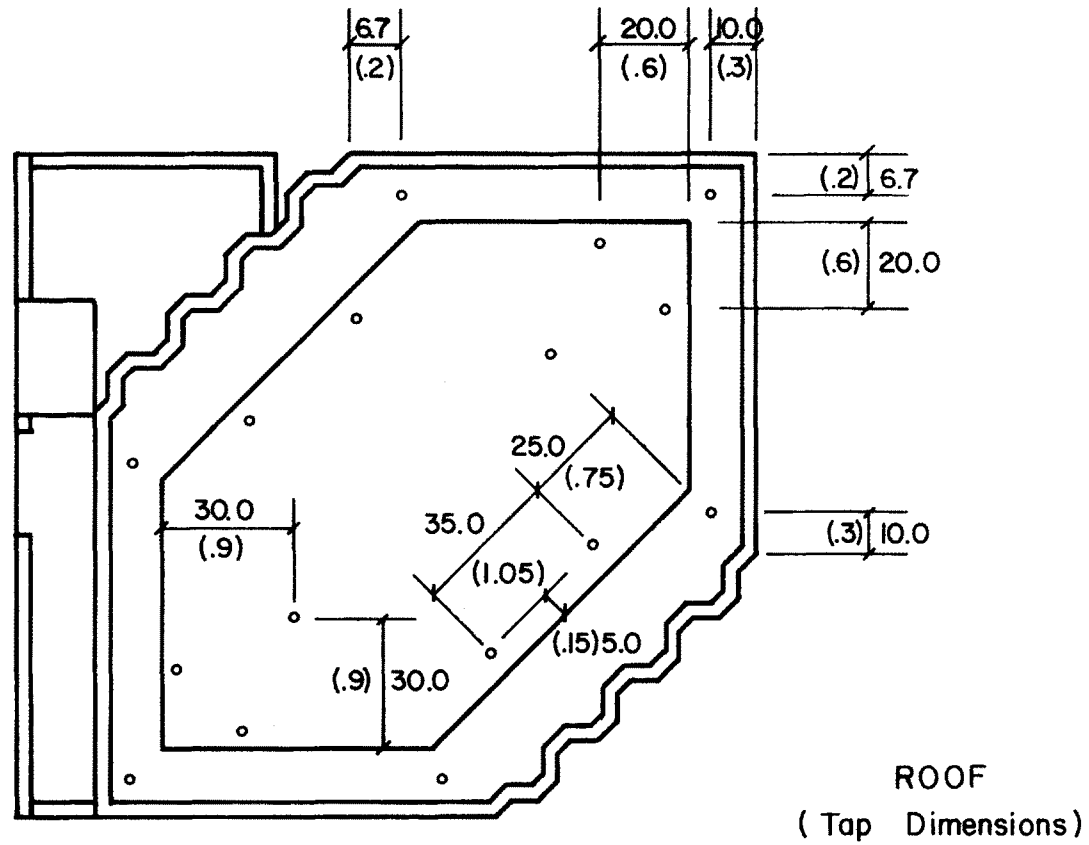


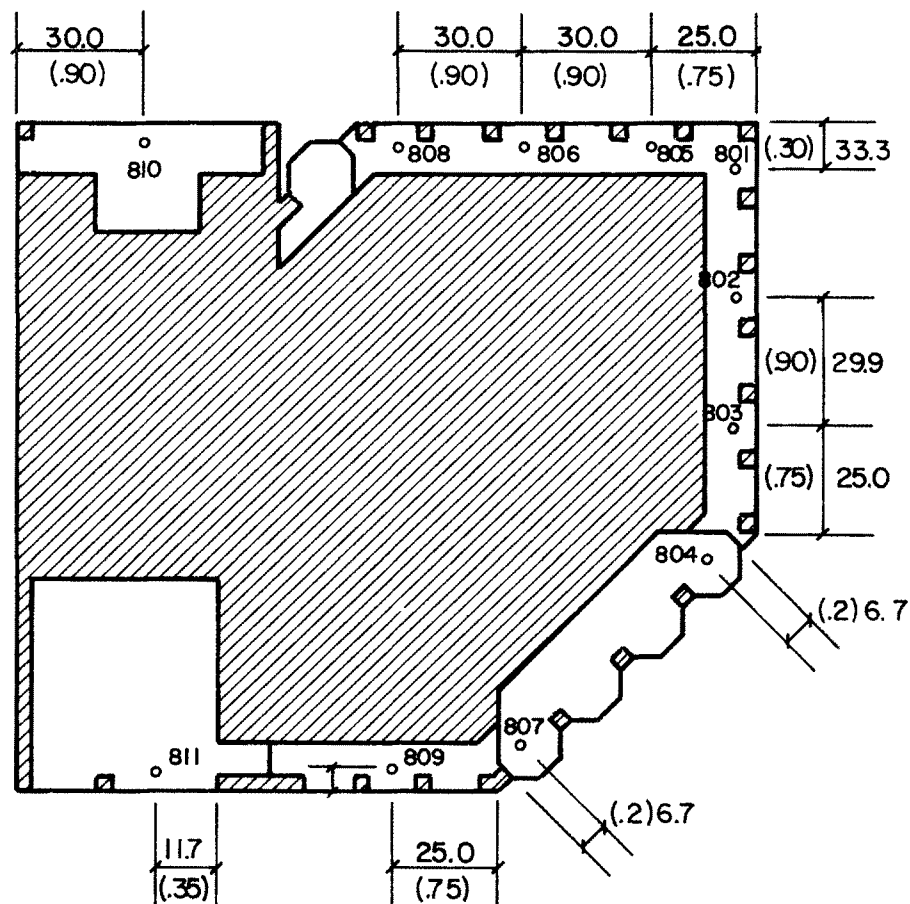
Figure 3b. Pressure Tap Locations

Note:

Taps 801-803, 805, 806, 808 and 809 are located (.35) 11.7 above ground level.

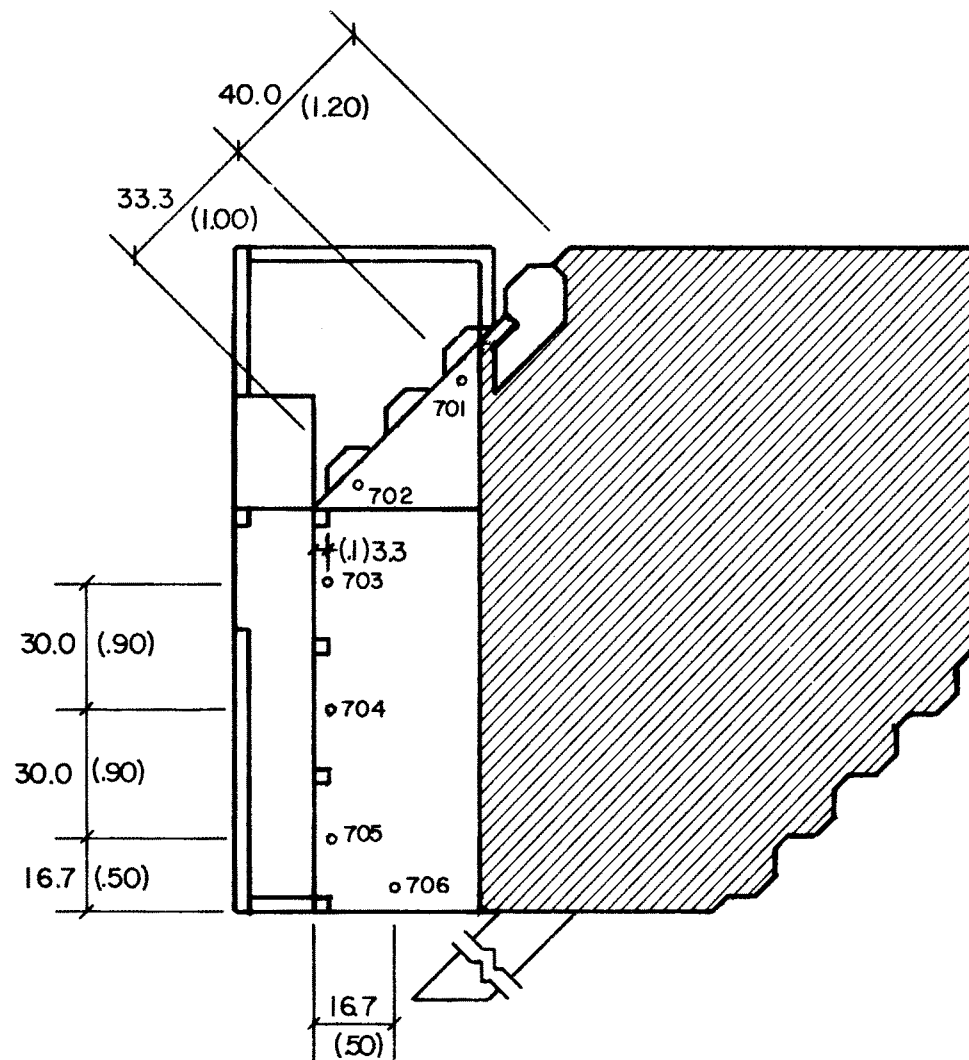
Taps 810, 811 are located (.55) 18.3 above ground level.

Taps 804, 807 are located (.80) 26.7 above ground level.



Lower Soffit

Figure 3c. Pressure Tap Locations



Upper Soffit

Taps 701 to 706 are located (1.9) 63.3 above ground level.

Figure 3d. Pressure Tap Locations

Note: Building height was changed to 346.5' after model construction.
Data reduction incorporated this change.

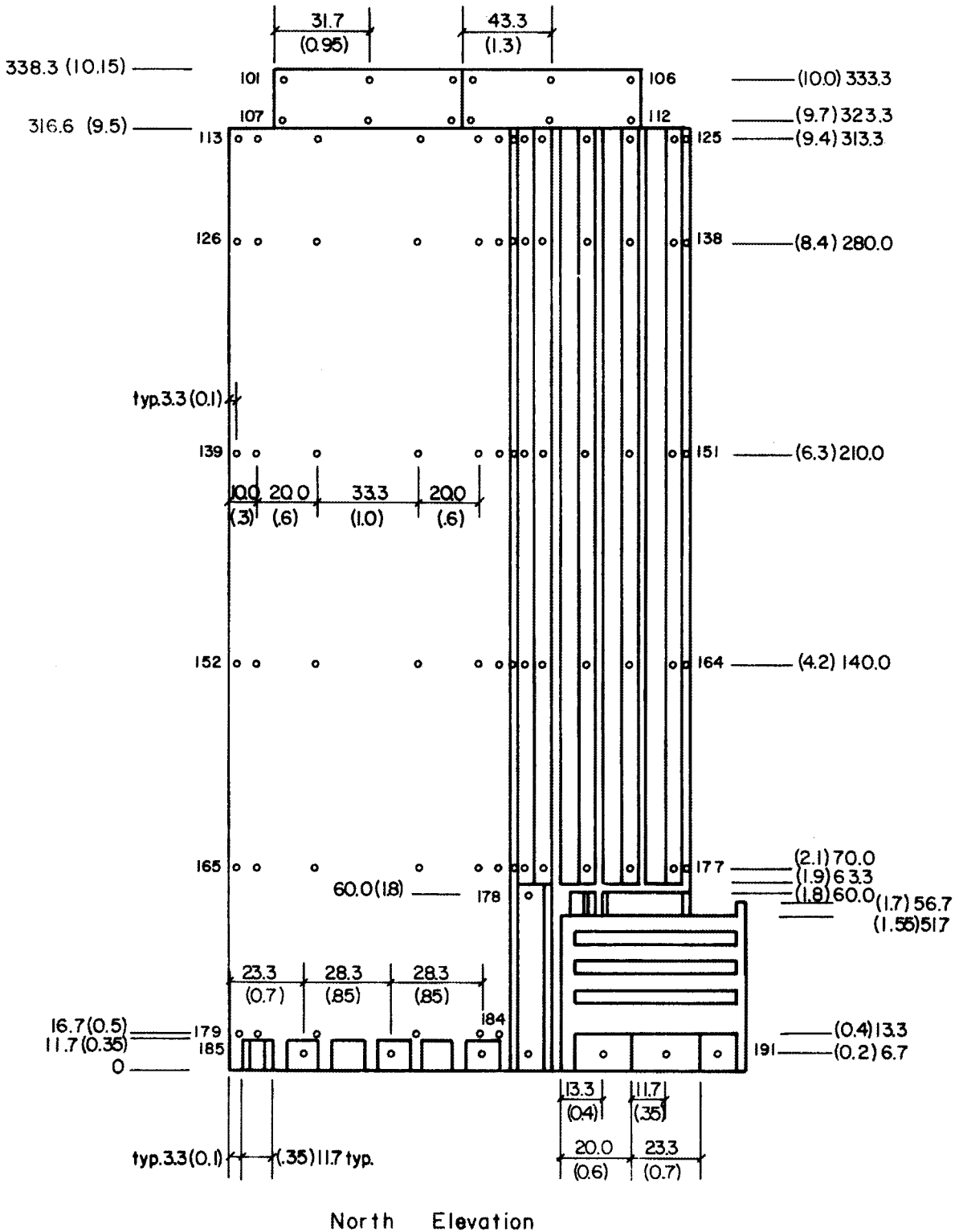


Figure 3e. Pressure Tap Locations

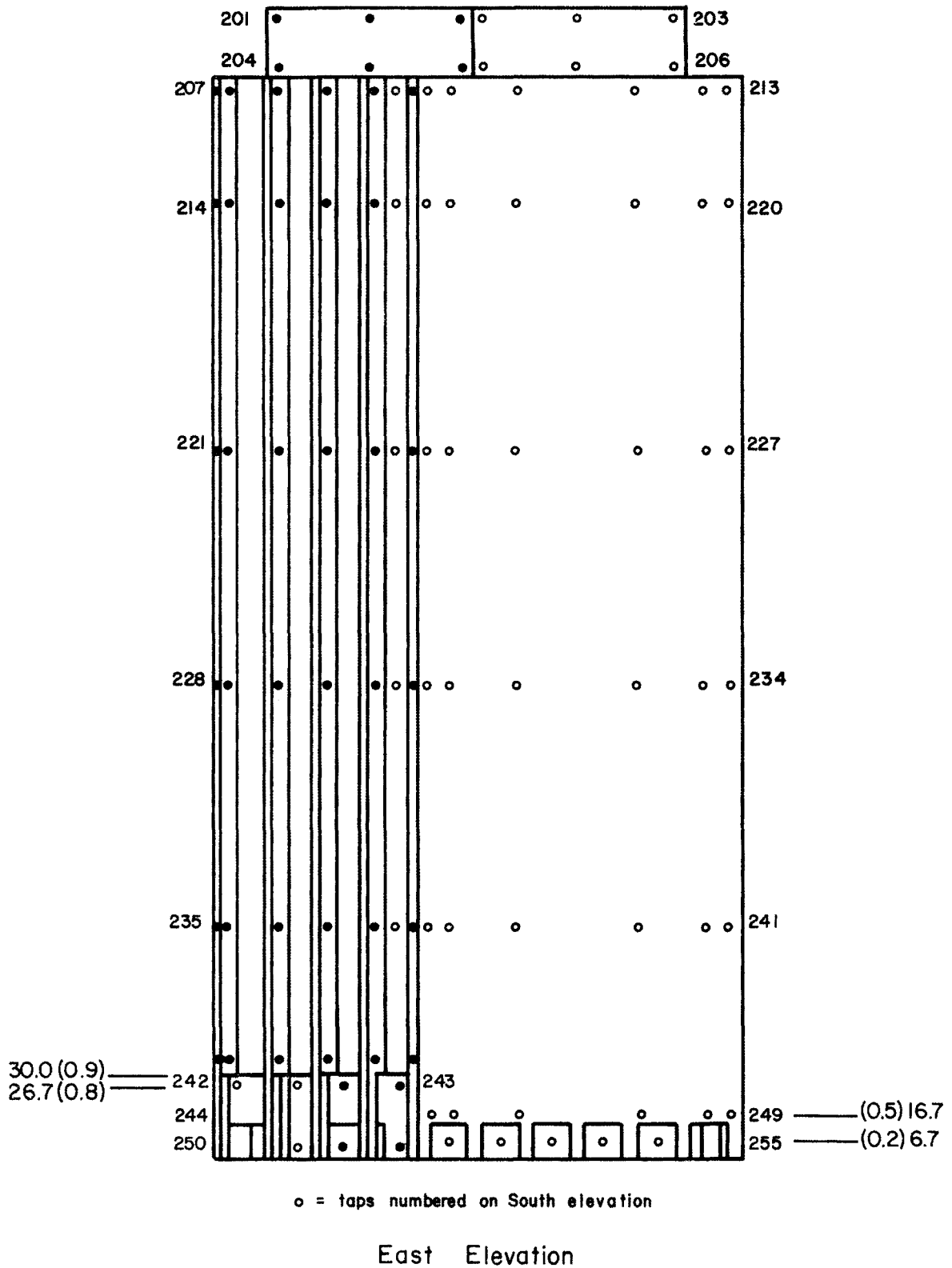


Figure 3f. Pressure Tap Locations

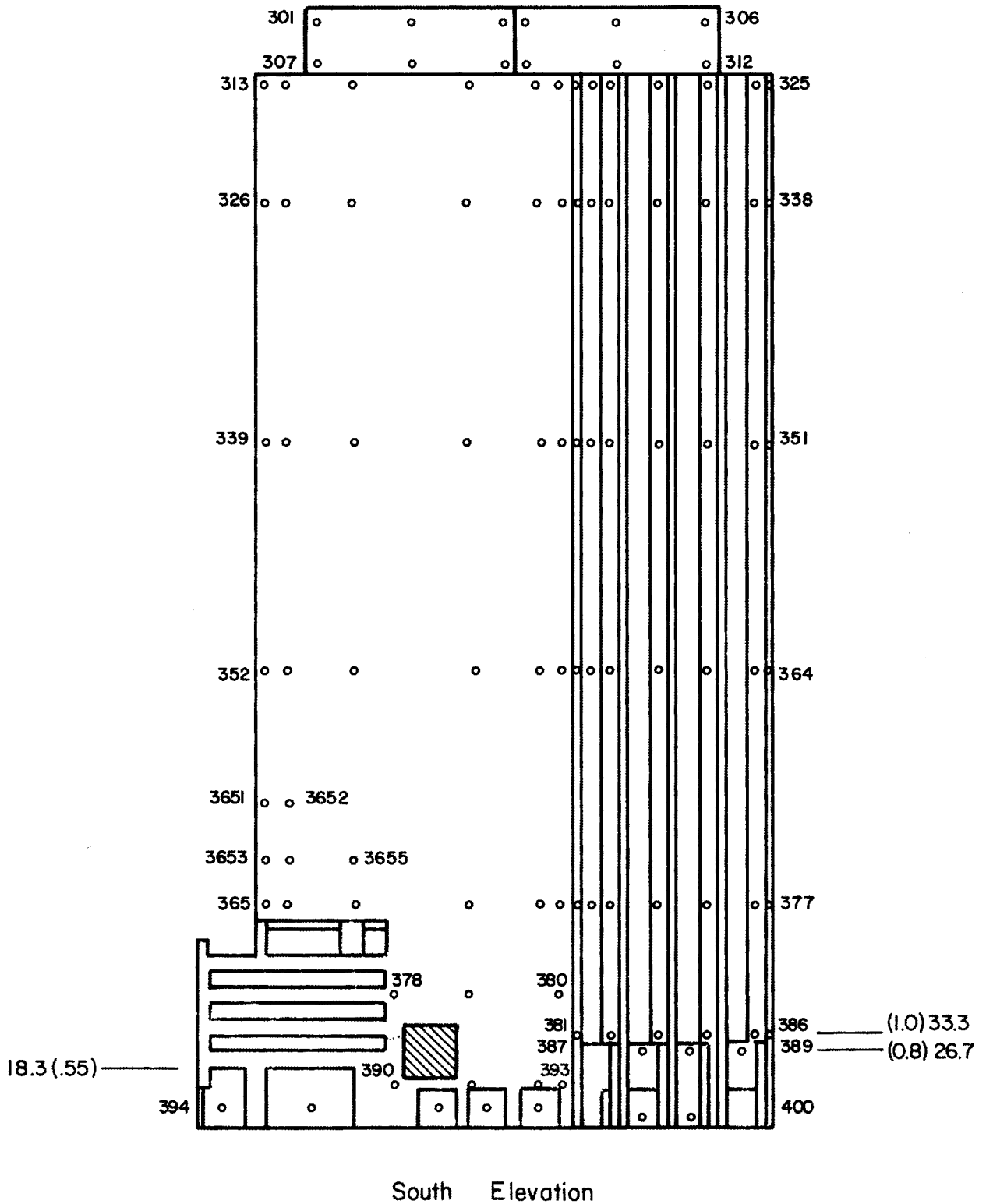
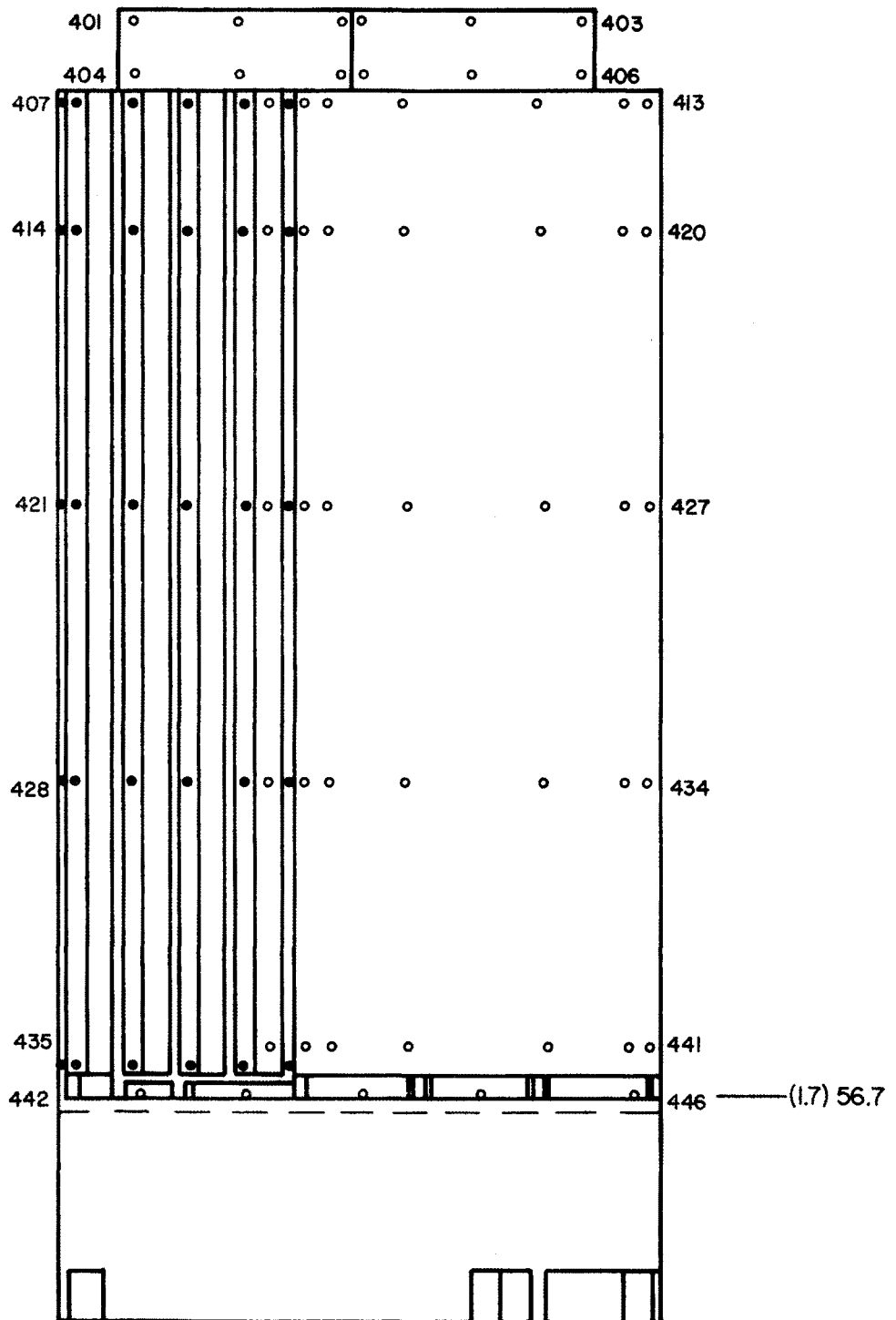


Figure 3g. Pressure Tap Locations



• = taps numbered on North elevation

West Elevation

Figure 3h. Pressure Tap Locations

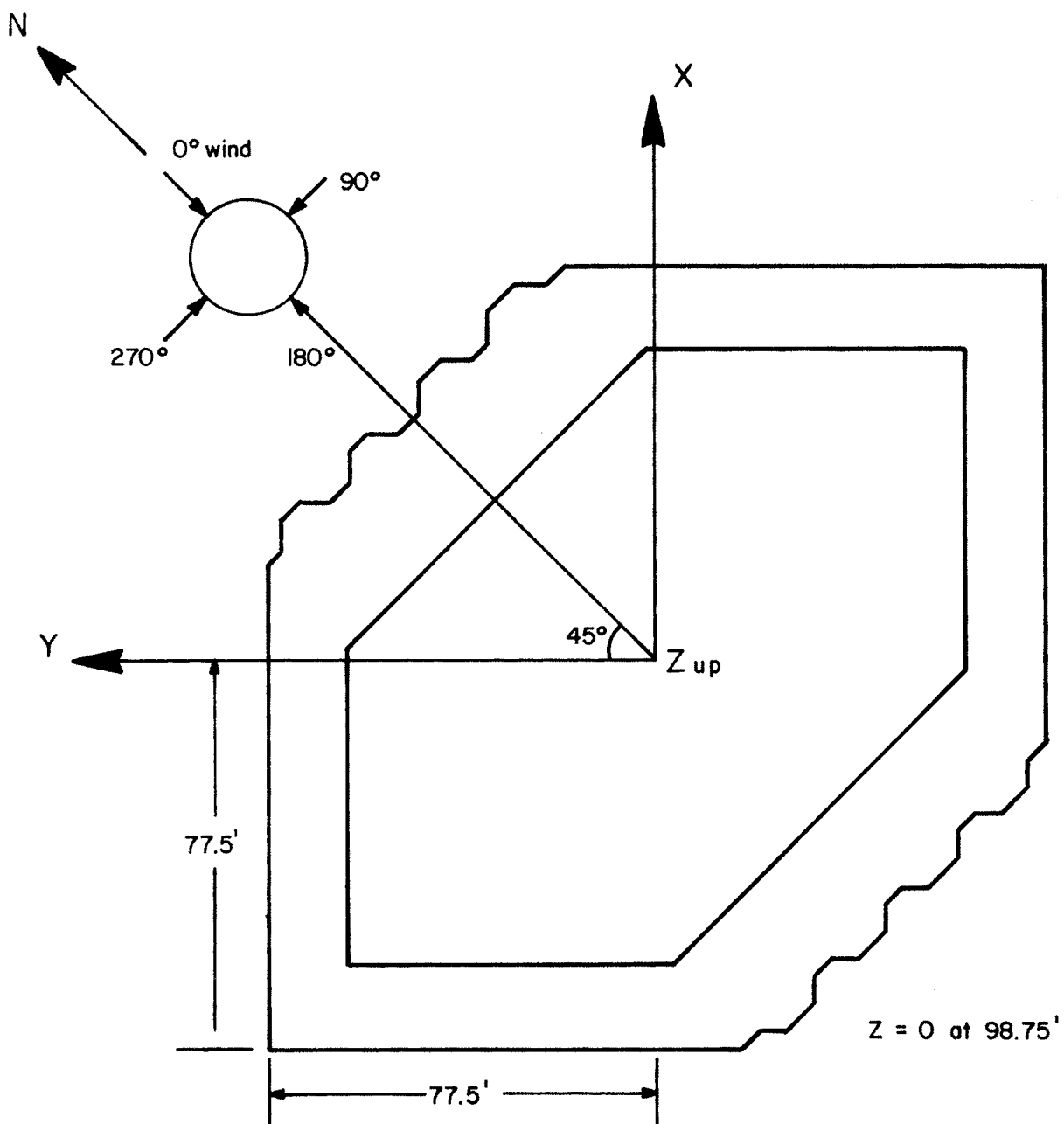


Figure 3i. Pressure Tap Locations

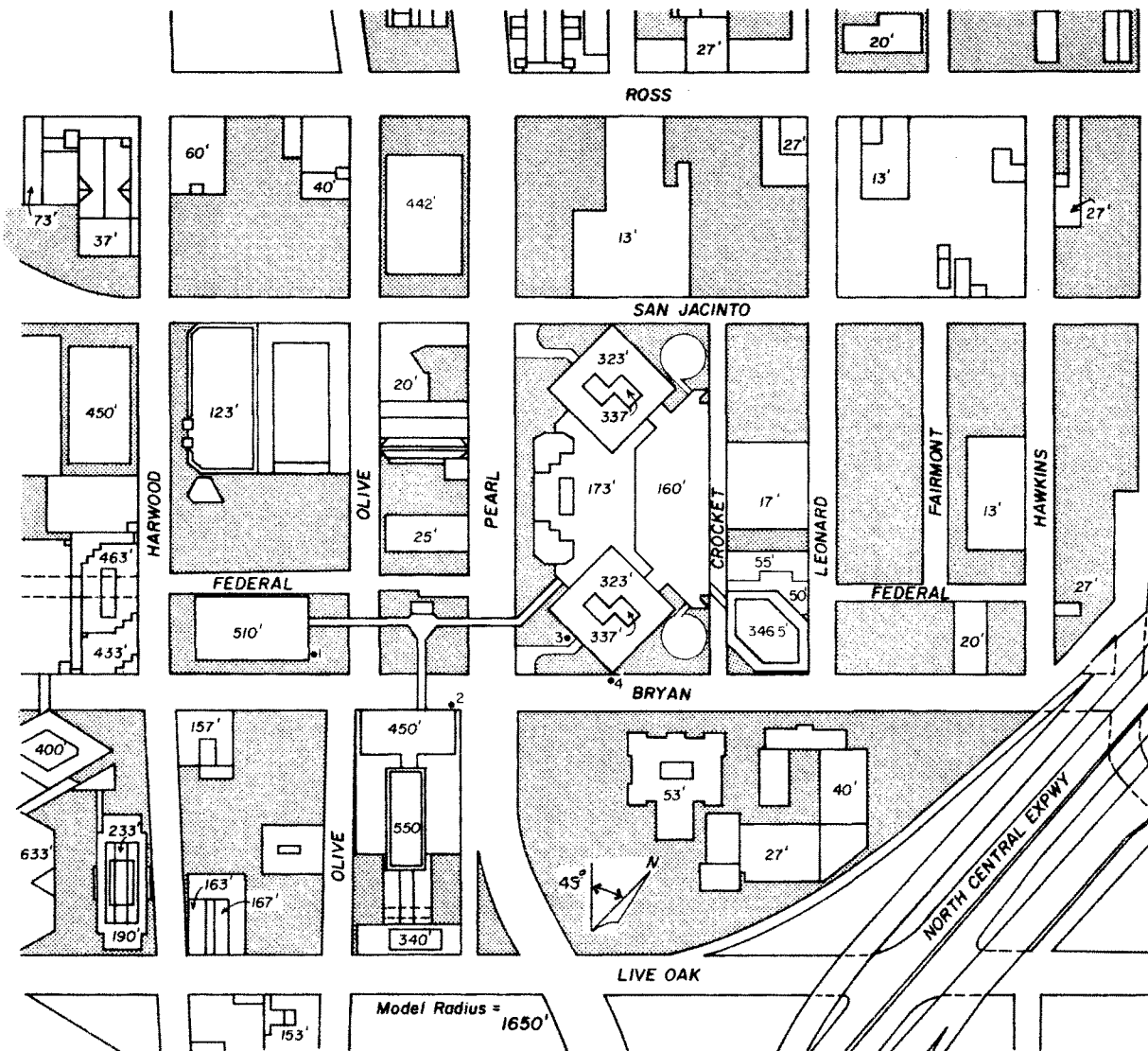
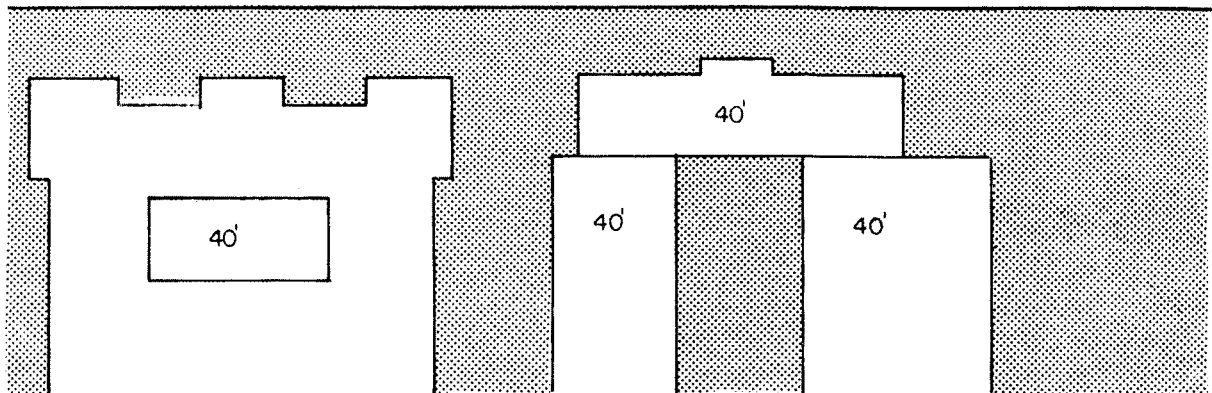
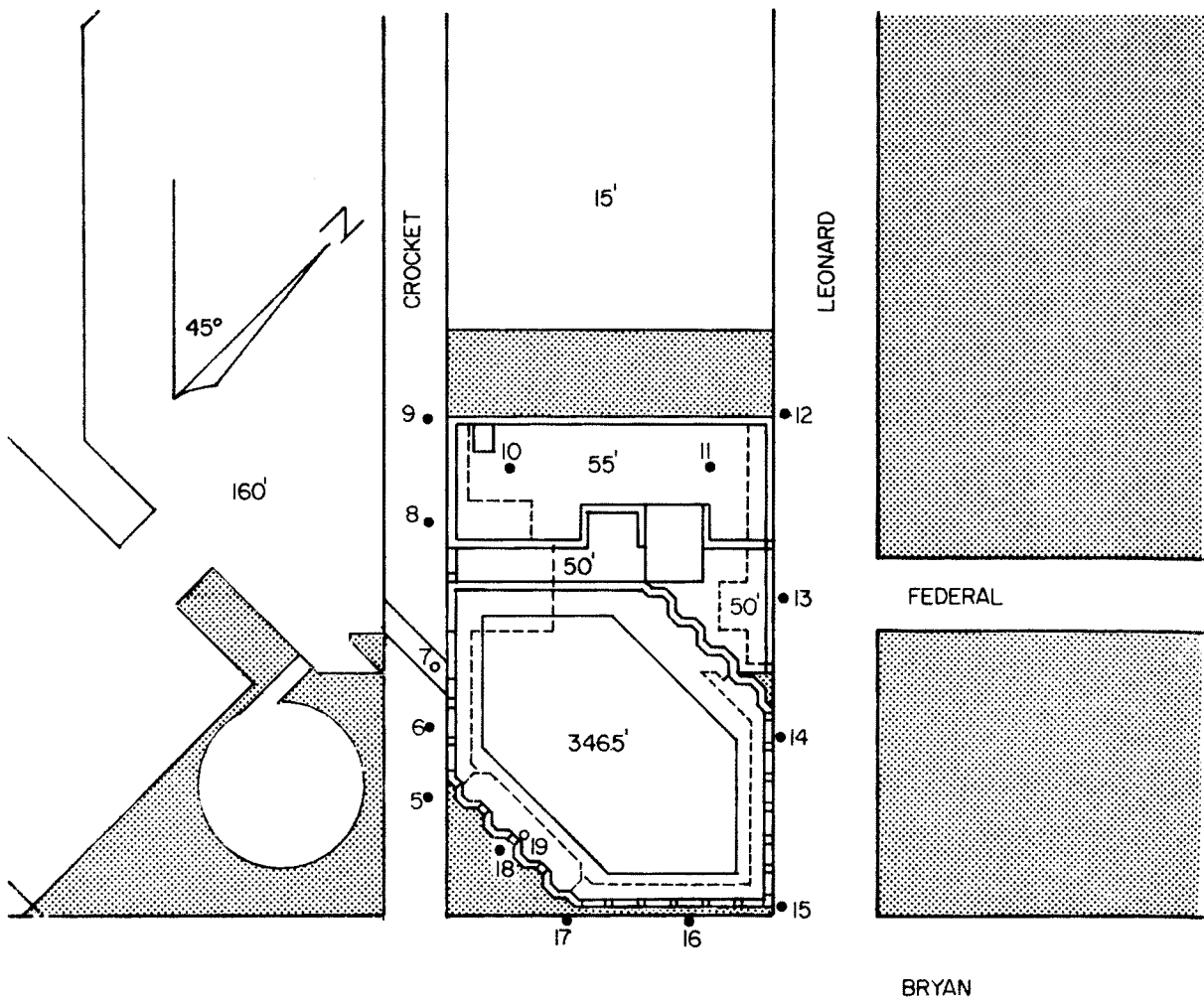


Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions



Note: Point 7 located under bridge.
Point 19 located under overhang

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

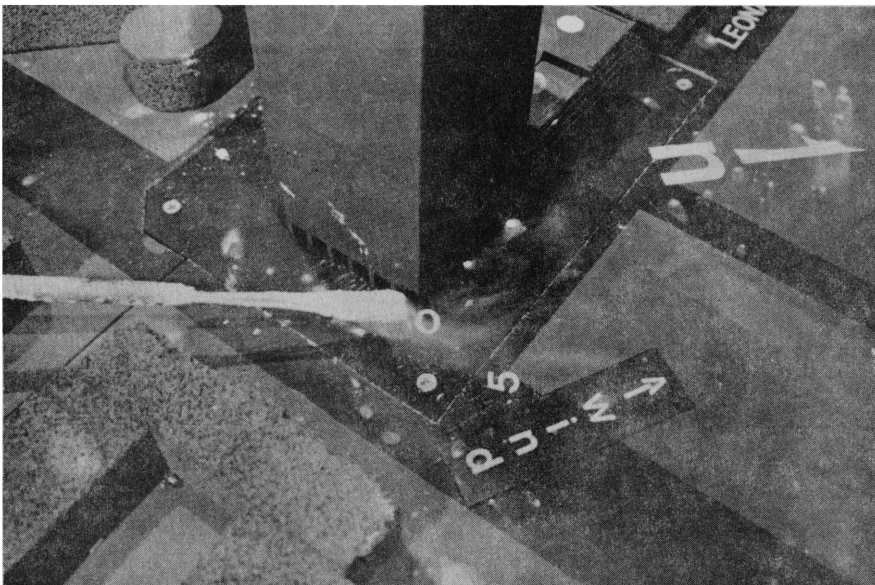
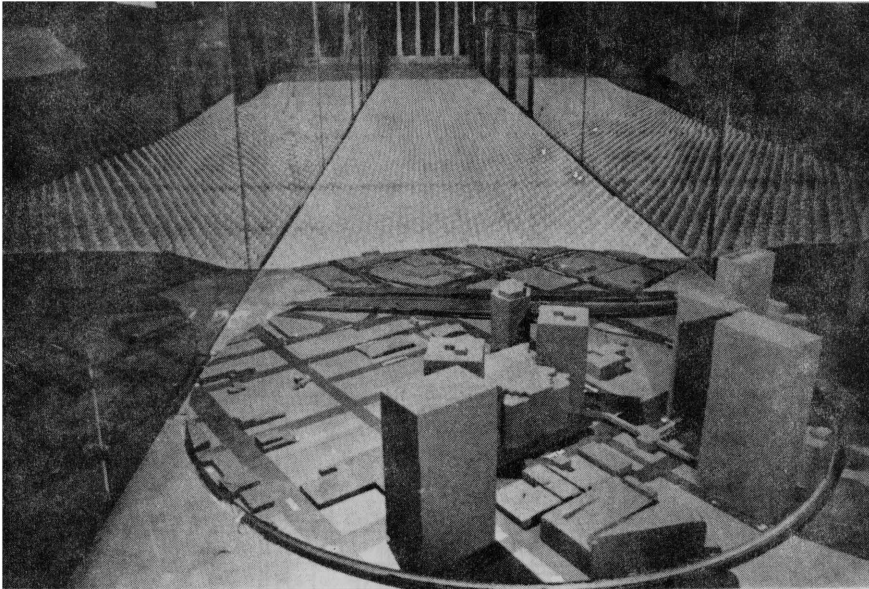


Figure 5. Completed Model in Wind Tunnel

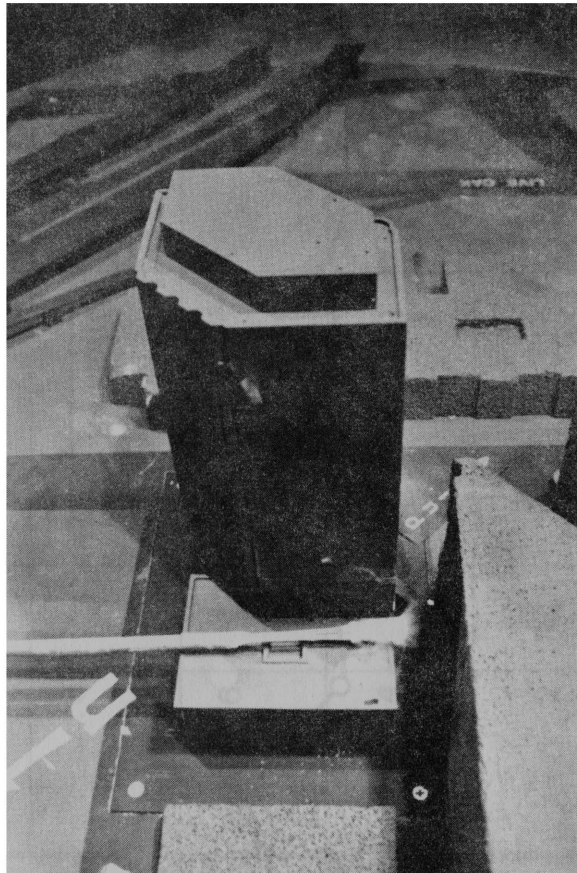


Figure 5. Completed Model in Wind Tunnel

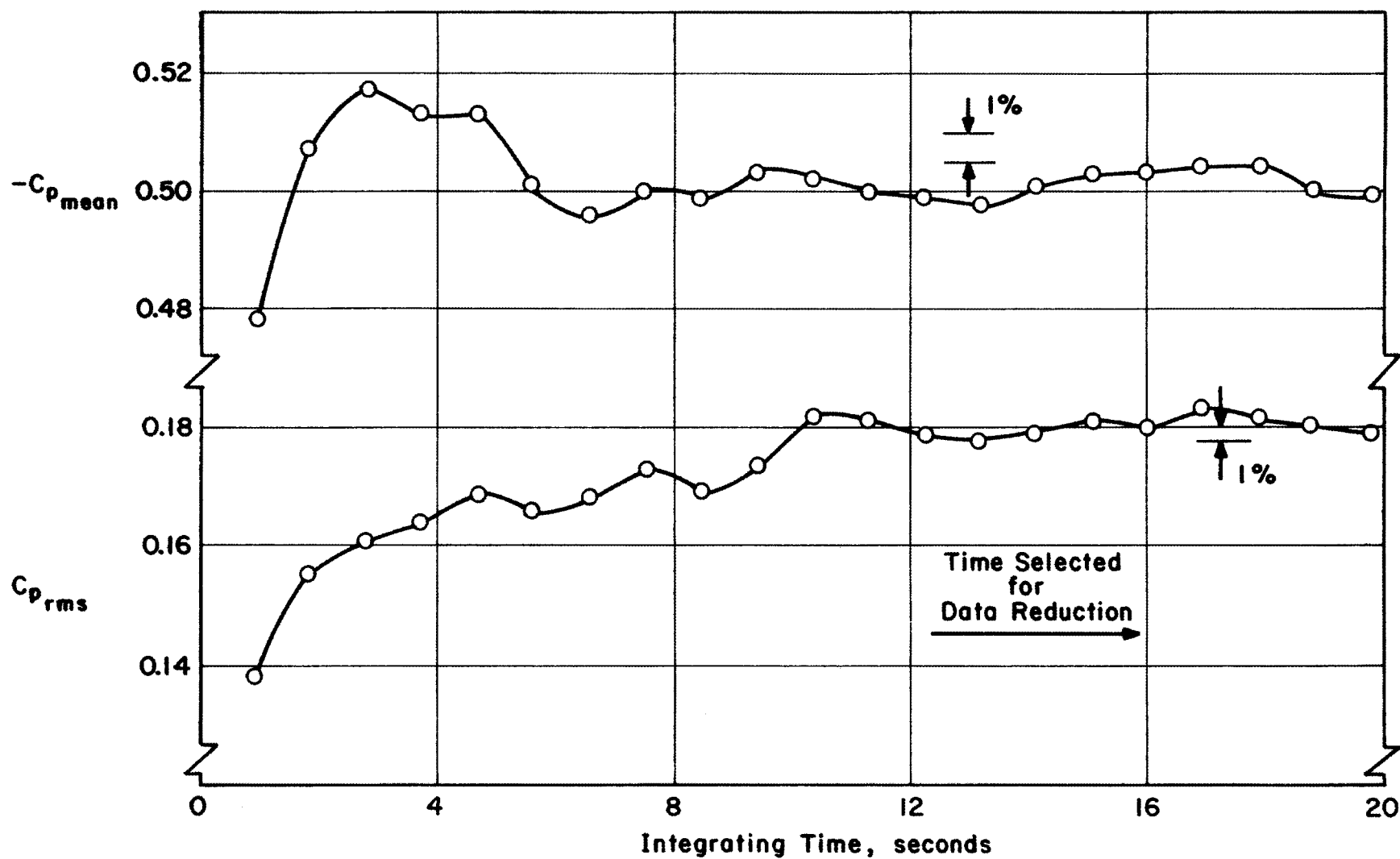


Figure 6. Data Sampling Time Verification

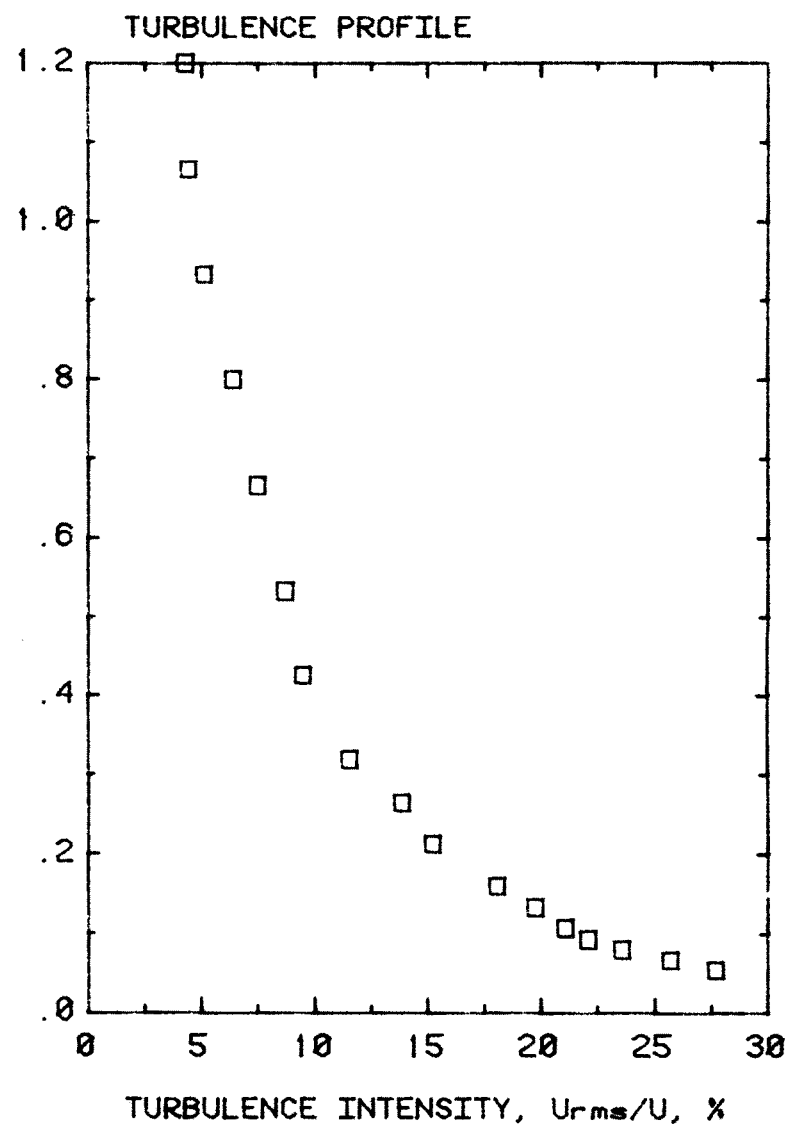
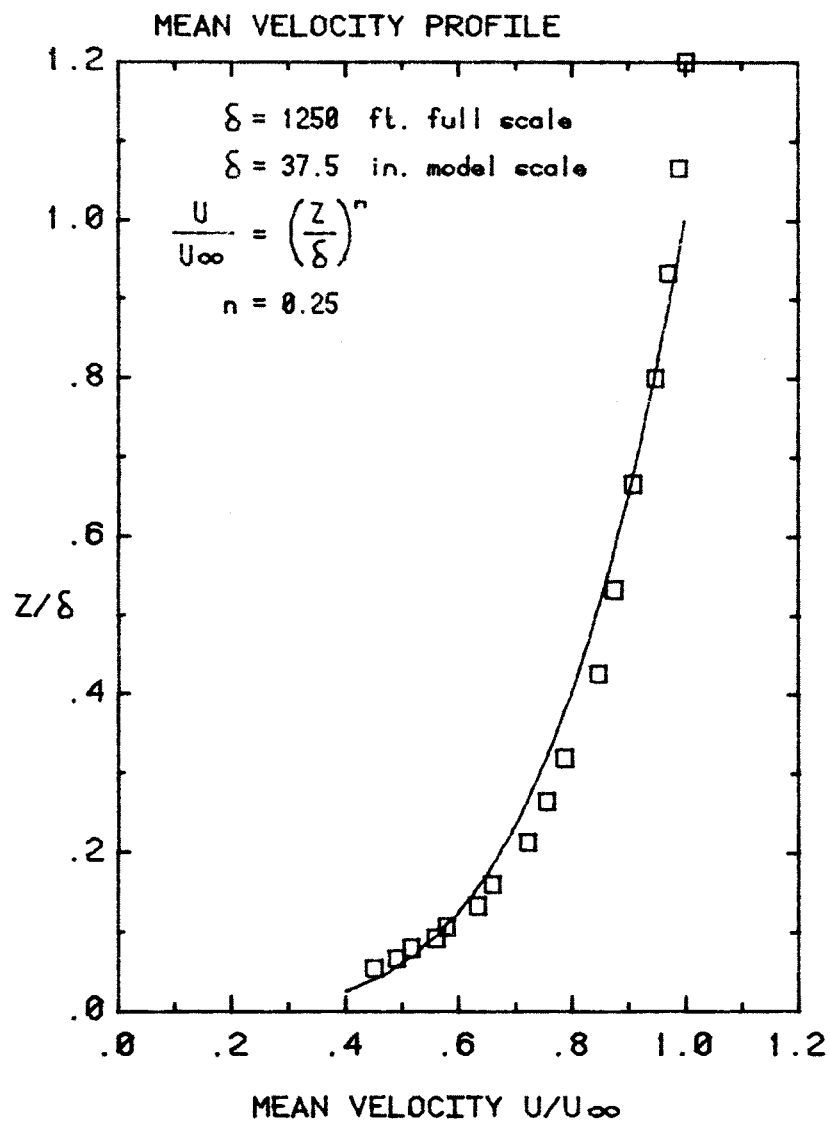


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

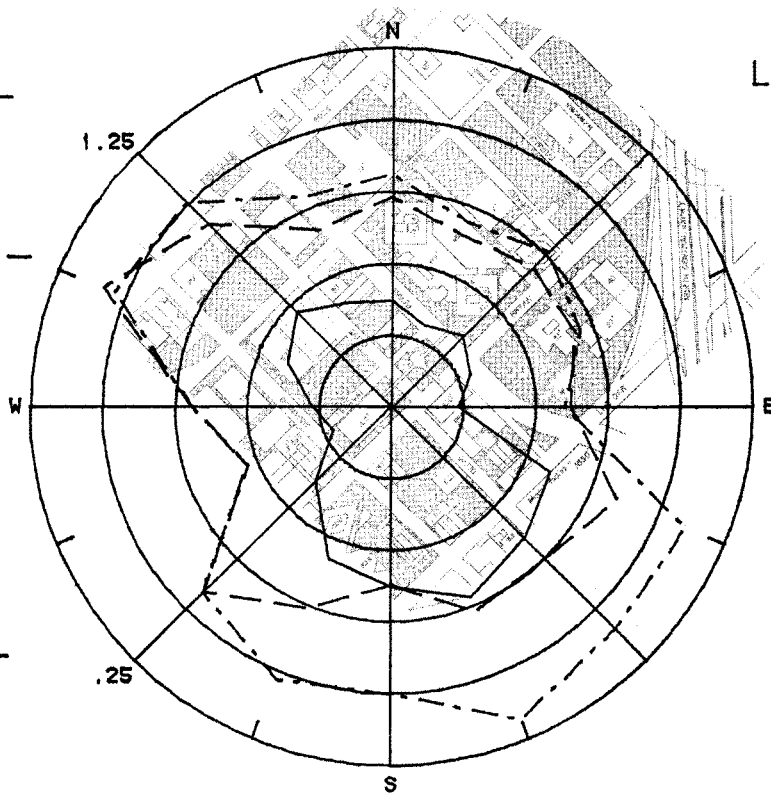
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 $\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - -

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

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.25/Div

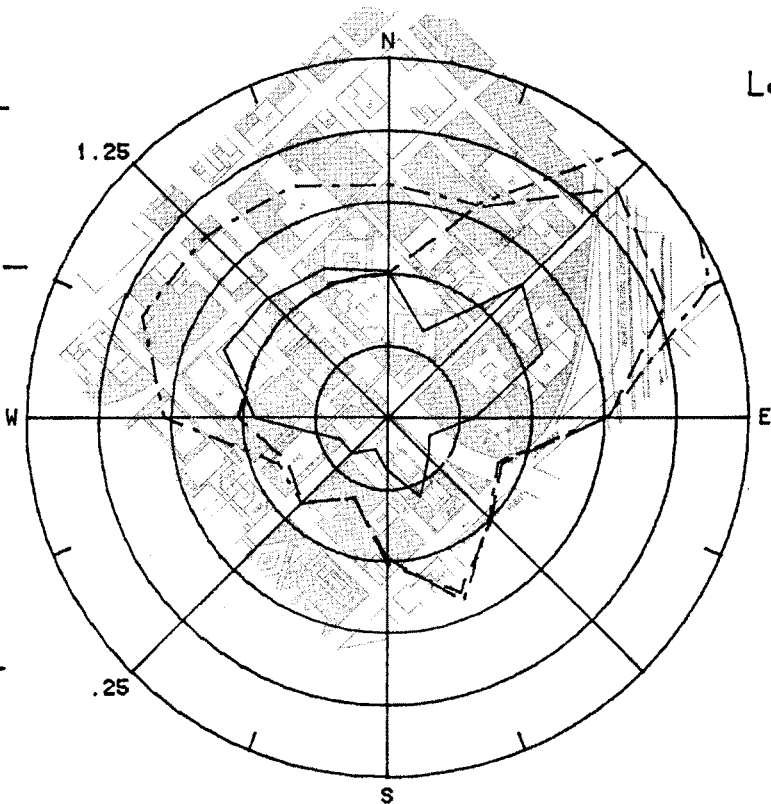

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 $\frac{U_{rms}}{U_{inf}}$ - - -

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

.25/Div


 $\frac{U_{mean}}{U_{inf}}$ ———

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

.05/Div

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

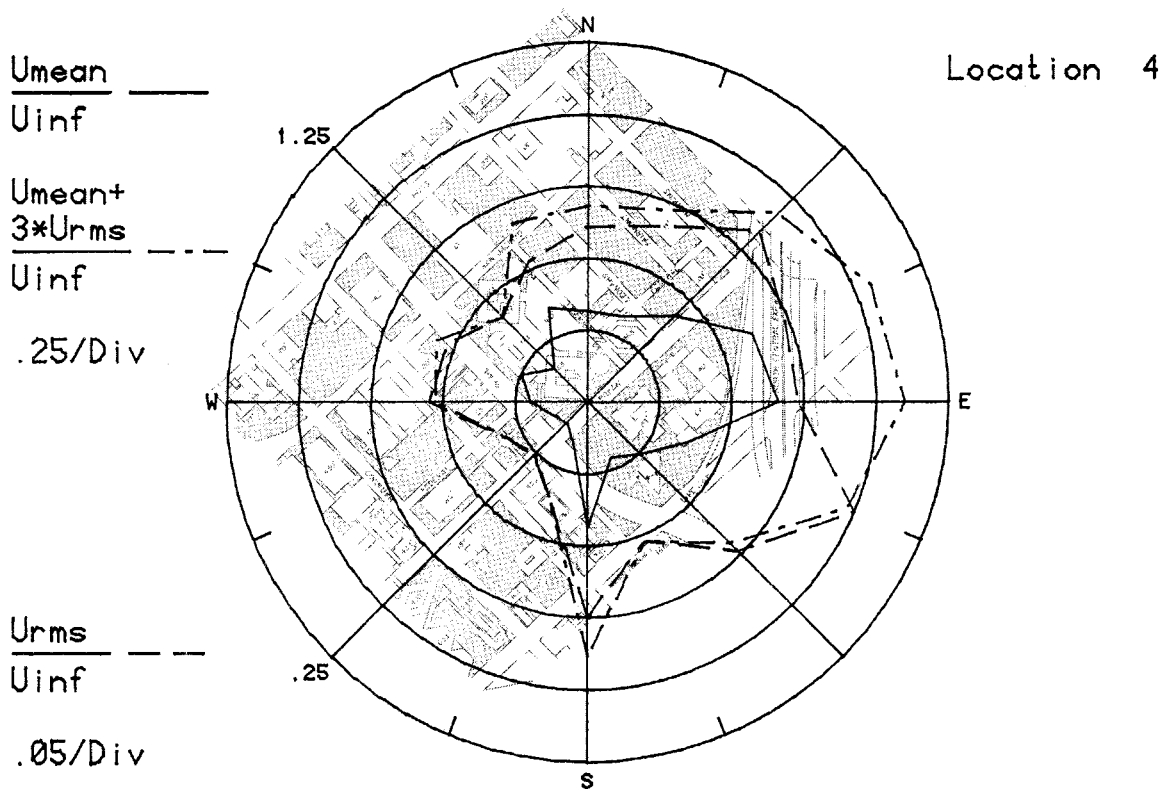
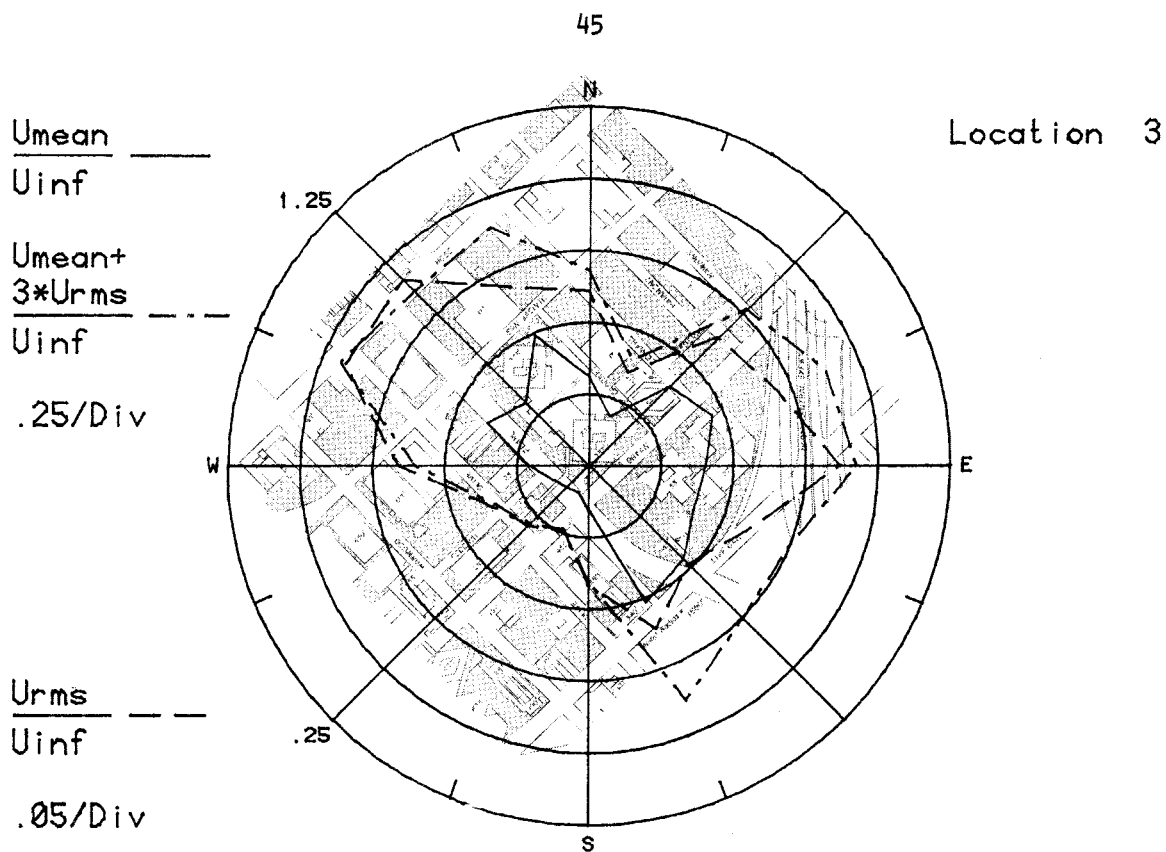


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

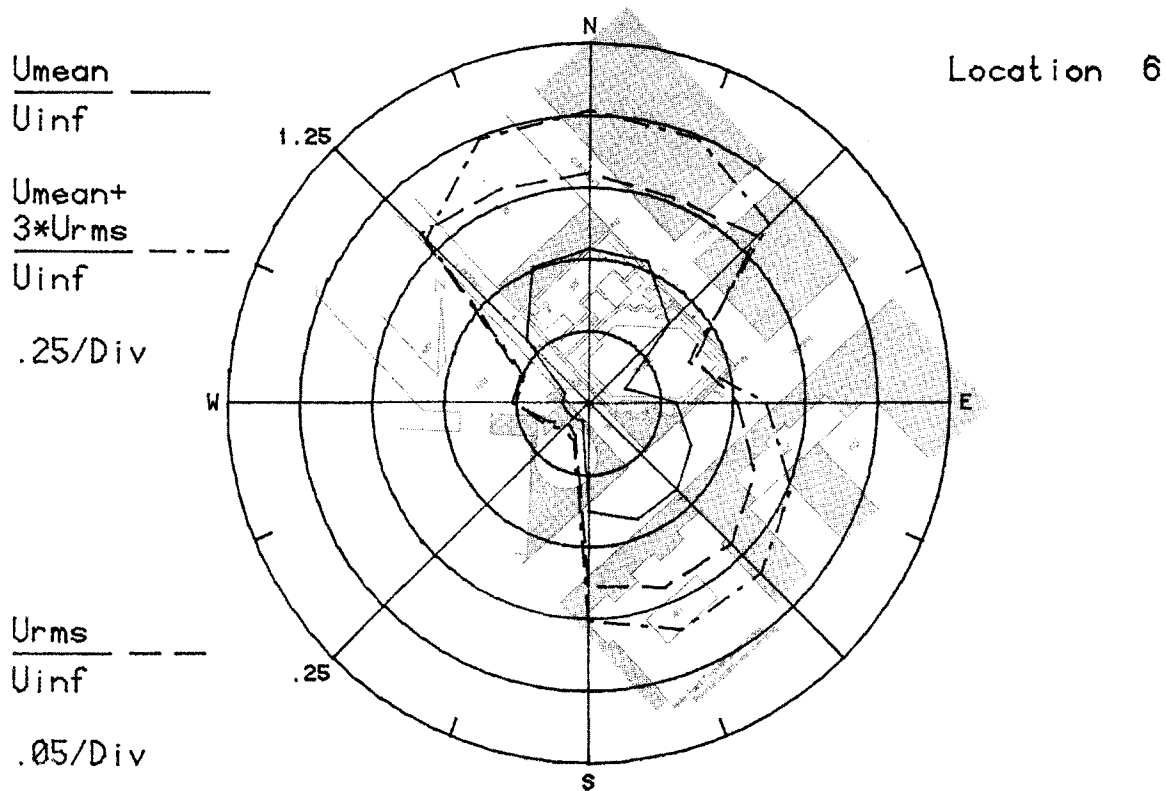
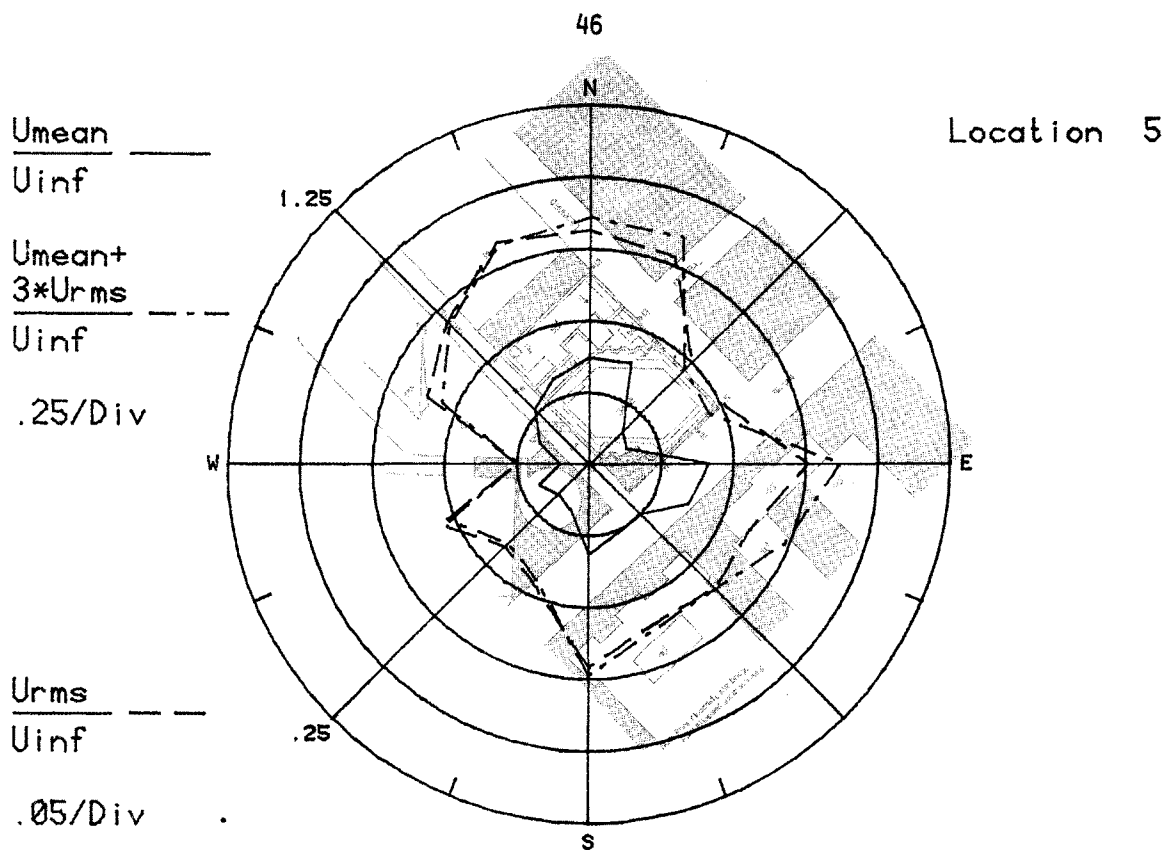


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

47

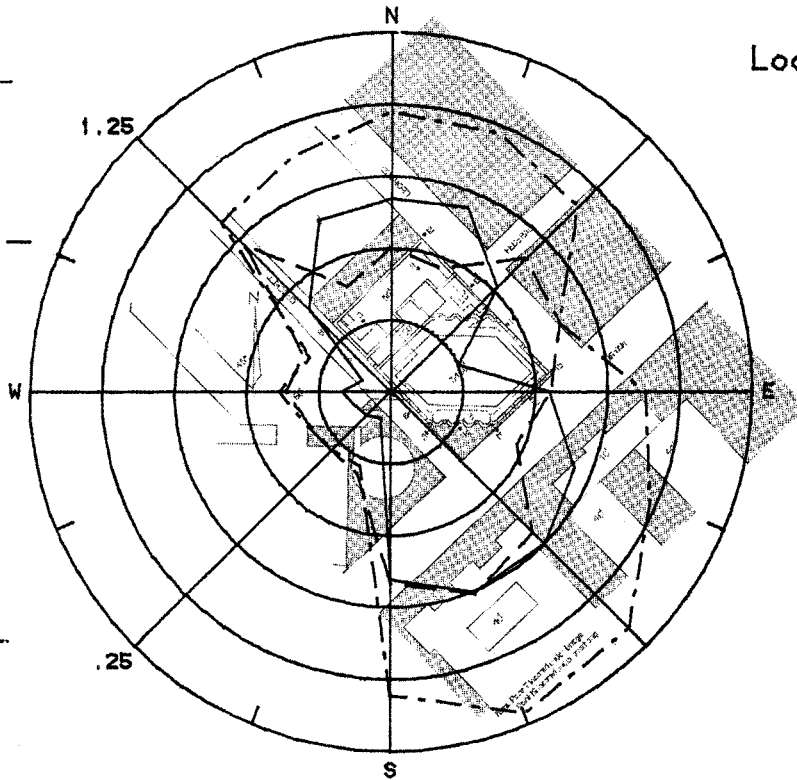
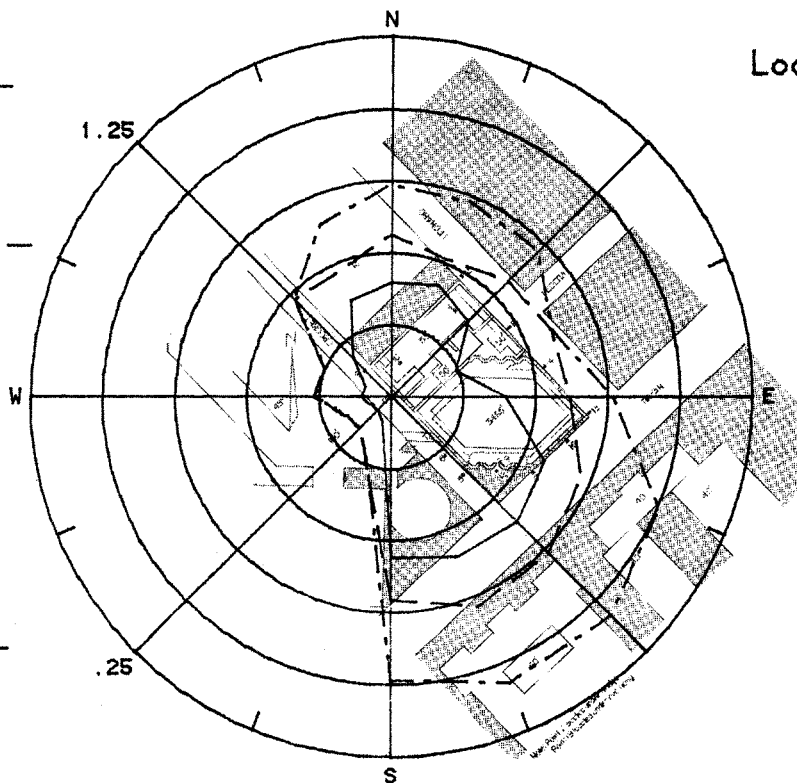
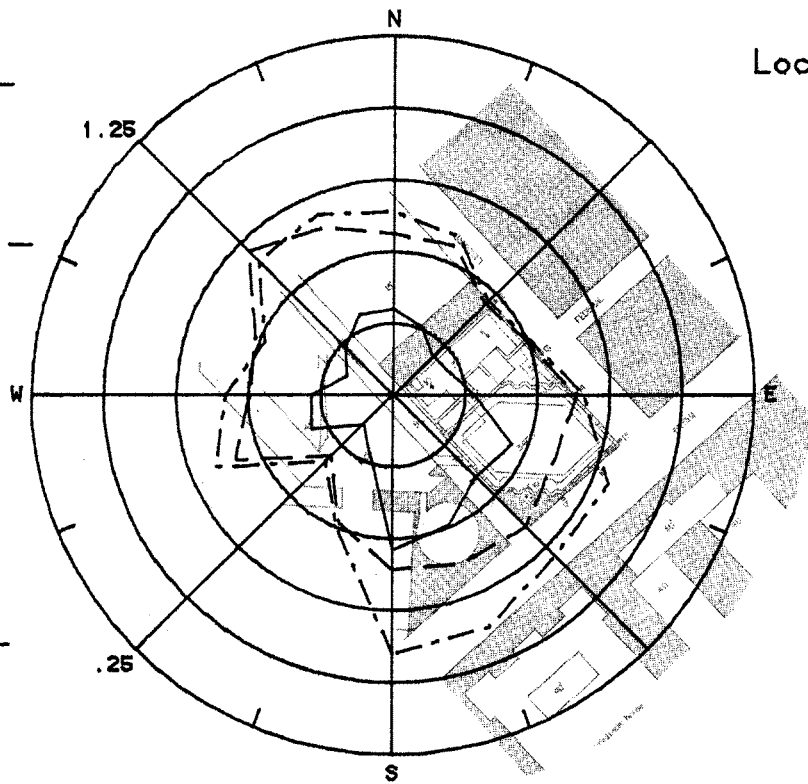
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Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

48

Location 9

 $\frac{U_{mean}}{U_{inf}}$ ——— U_{inf} $\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$ - - - U_{inf} $.25/Div$ $\frac{U_{rms}}{U_{inf}}$ - - - U_{inf} $.05/Div$ 

Location 10

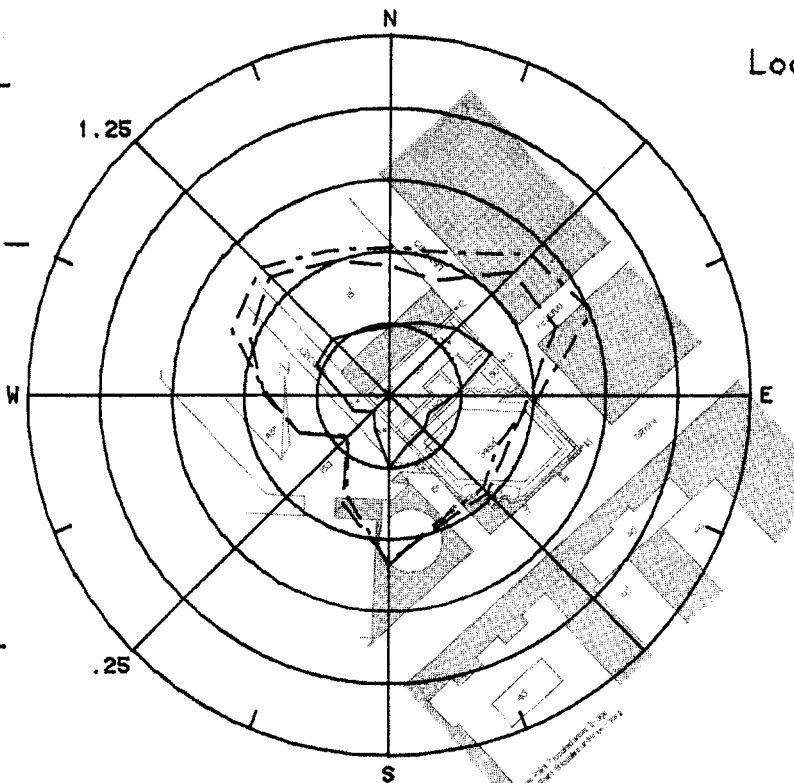
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Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

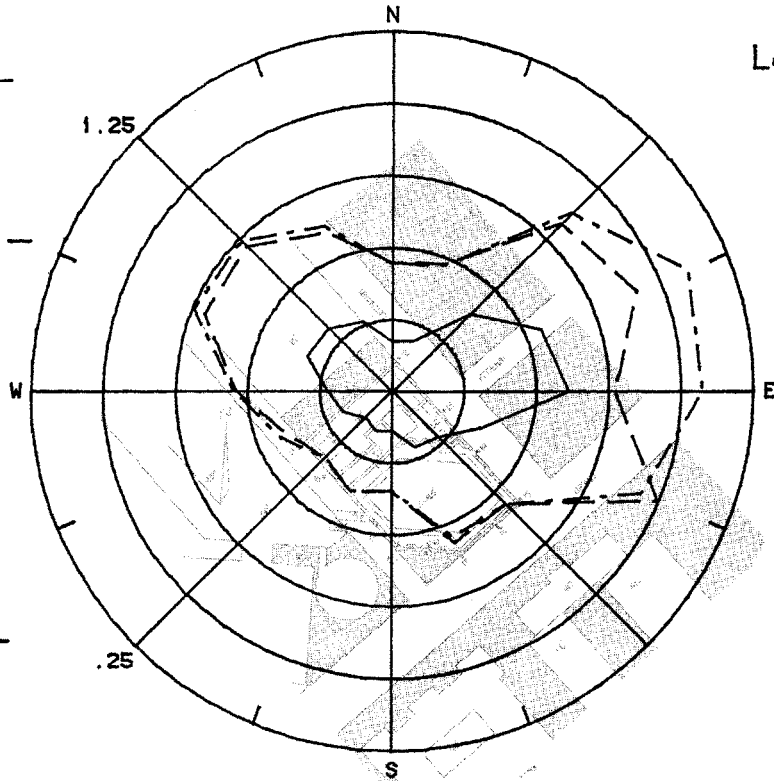
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.25/Div

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

.05/Div



$\frac{U_{mean}}{U_{inf}}$ ———

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

.05/Div

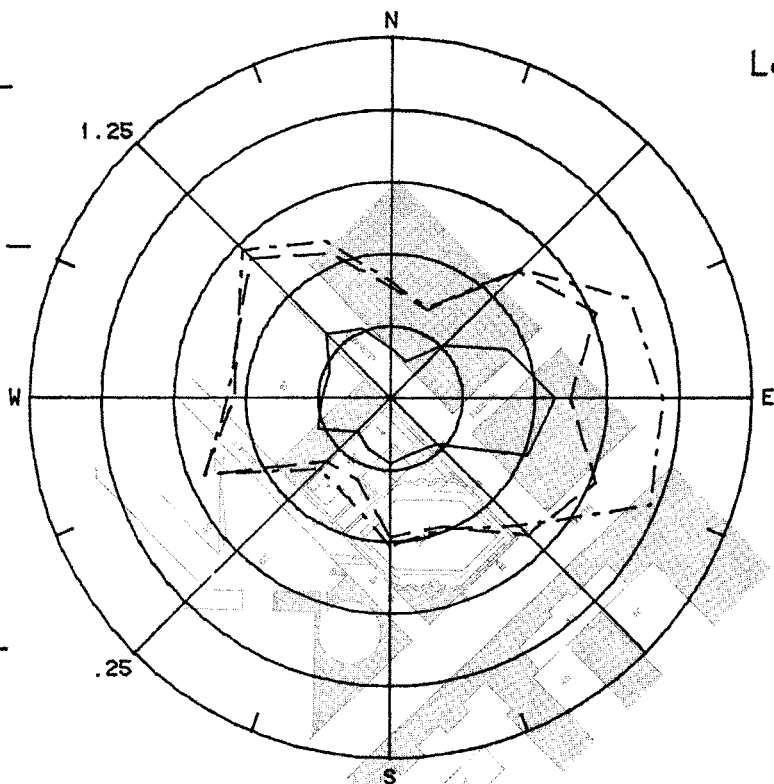


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

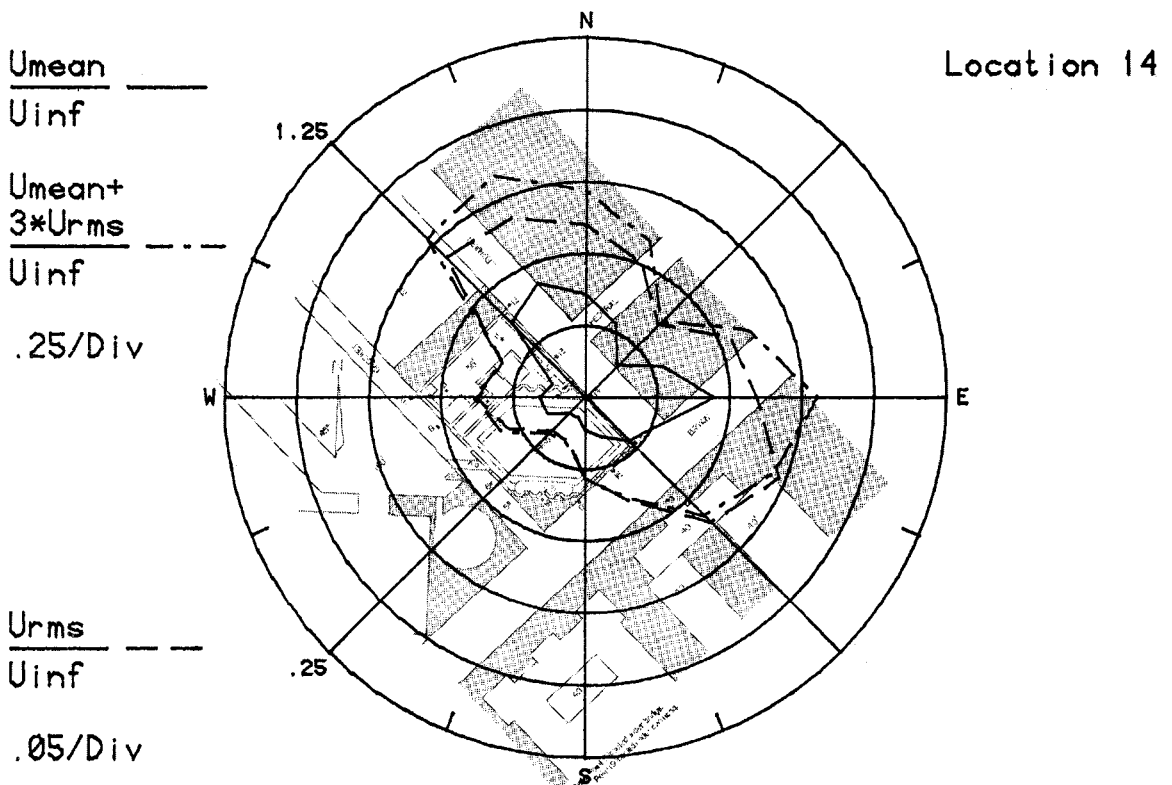
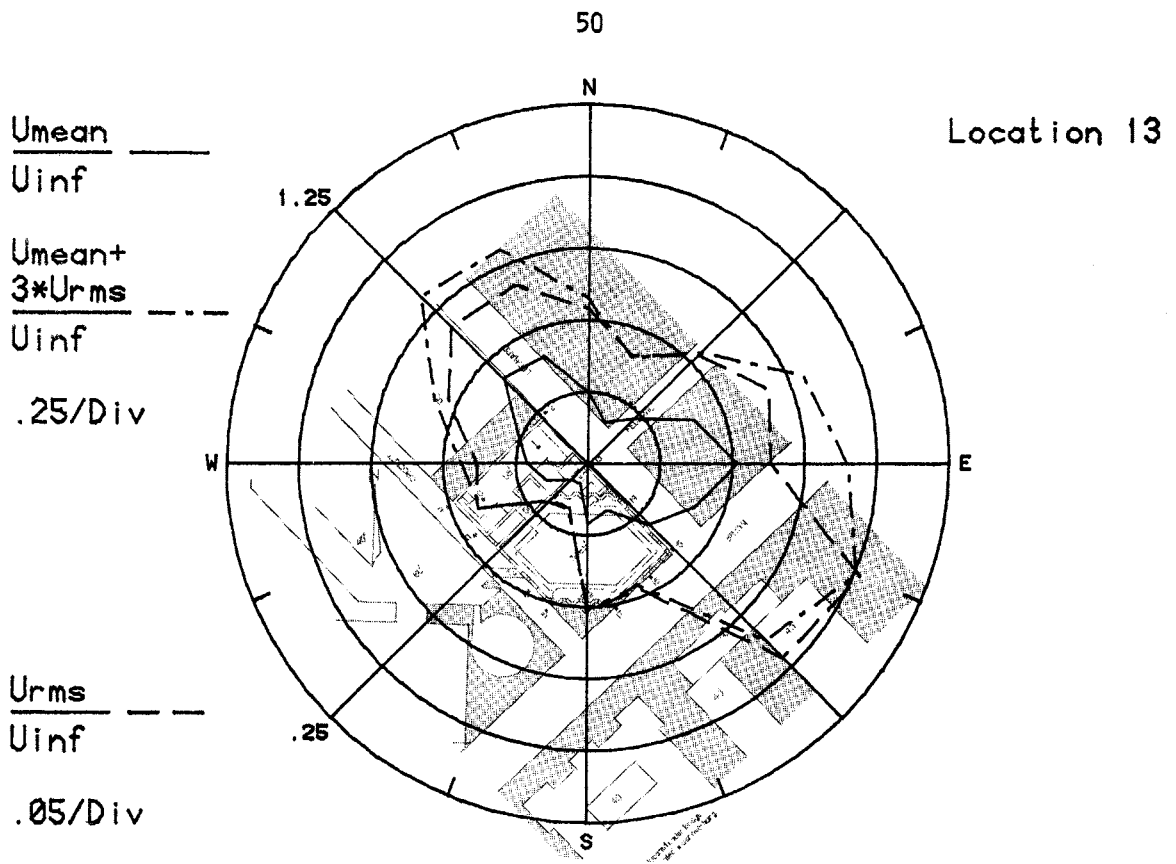
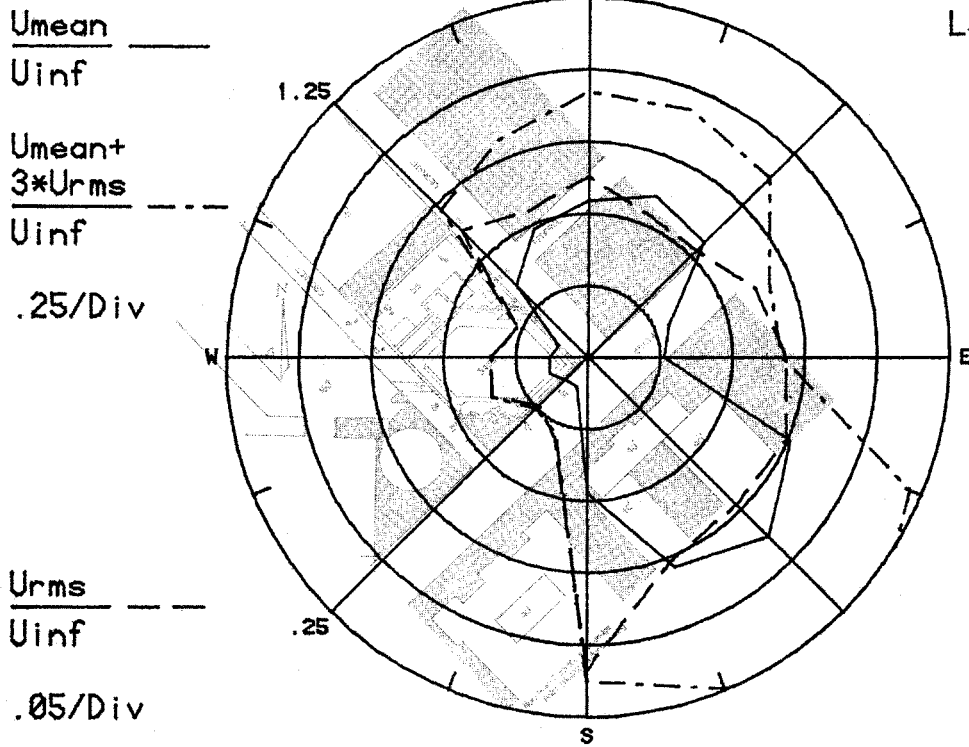


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

51

Location 15



Location 16

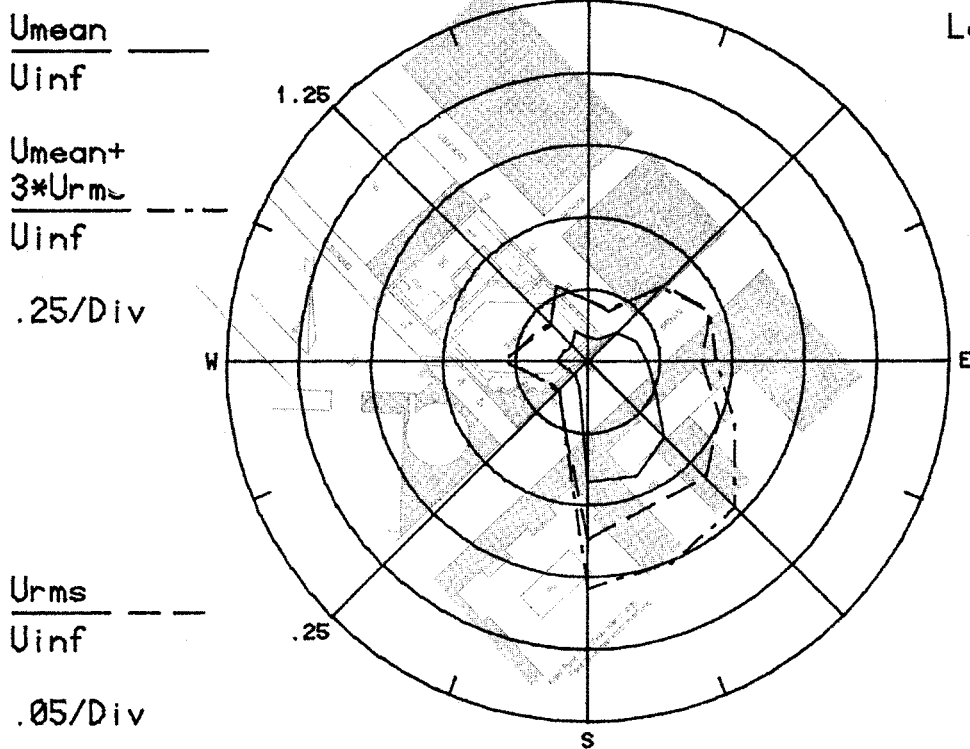


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

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$$U_{inf}$$

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$$U_{inf}$$

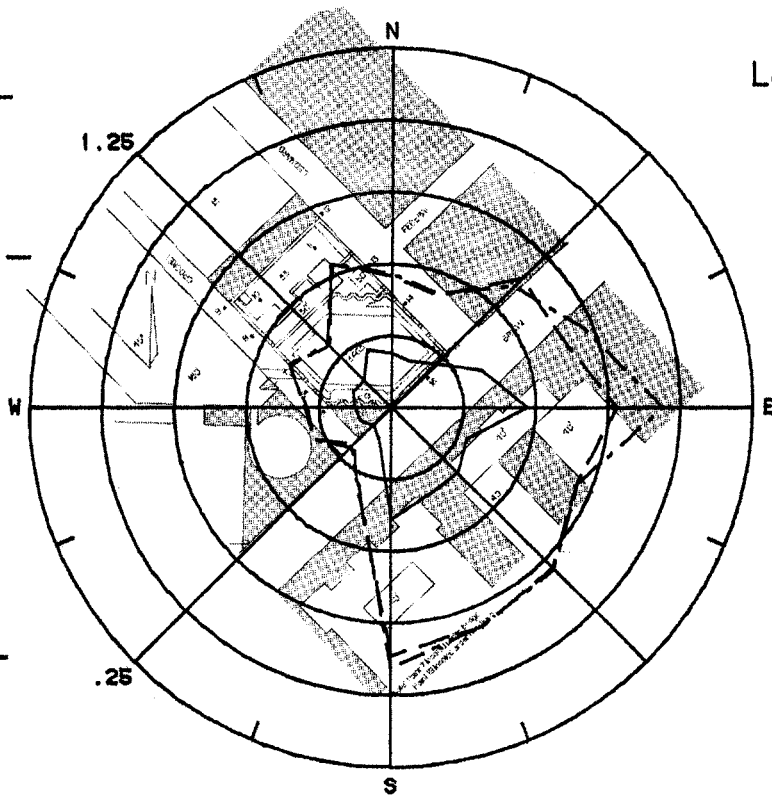
$$.25/Div$$

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

$$U_{inf}$$

$$.05/Div$$

Location 17



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

$$U_{inf}$$

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

$$U_{inf}$$

$$.25/Div$$

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

$$U_{inf}$$

$$.05/Div$$

Location 18

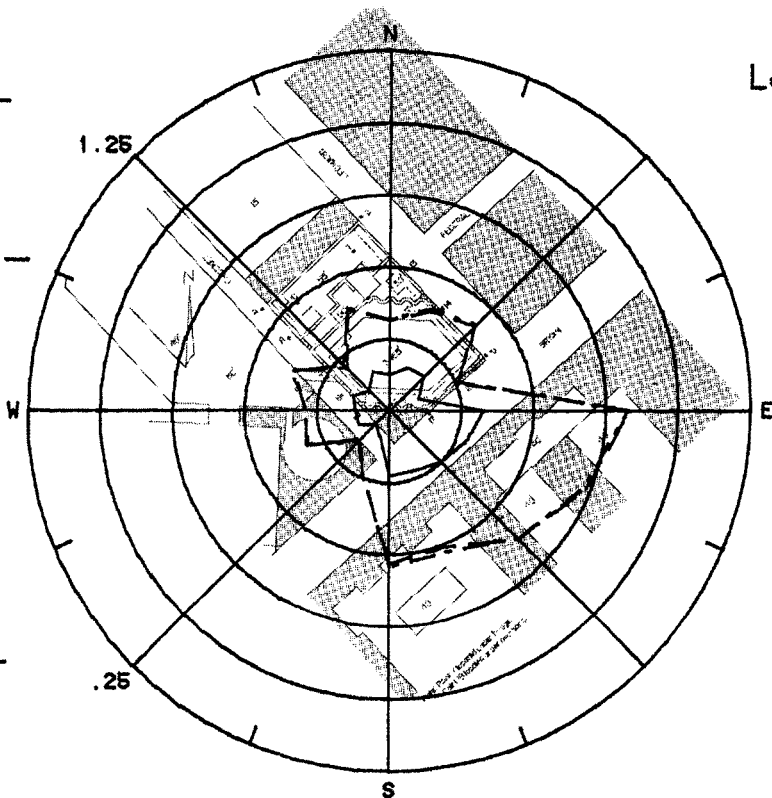


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

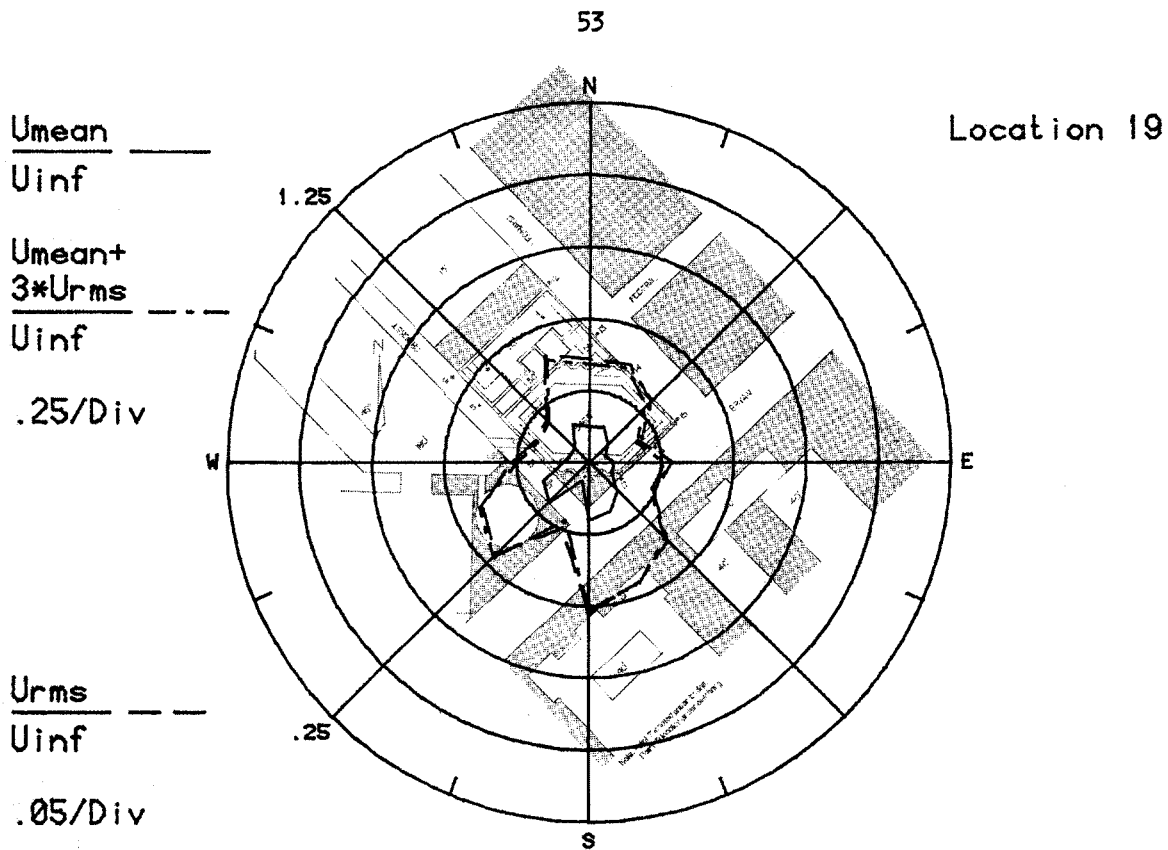


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Location 19

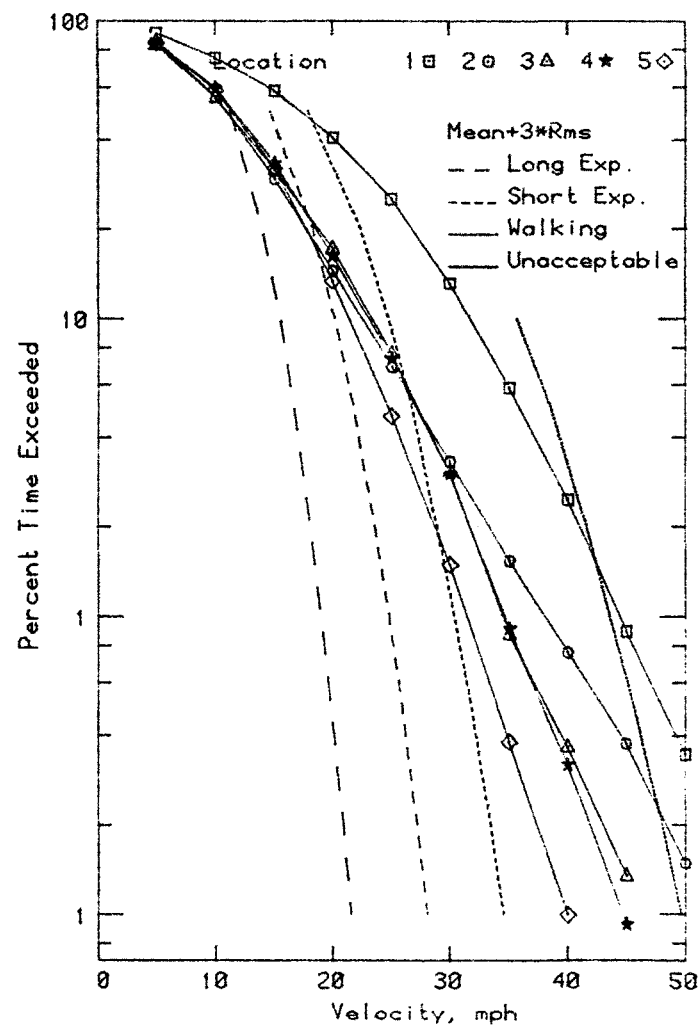
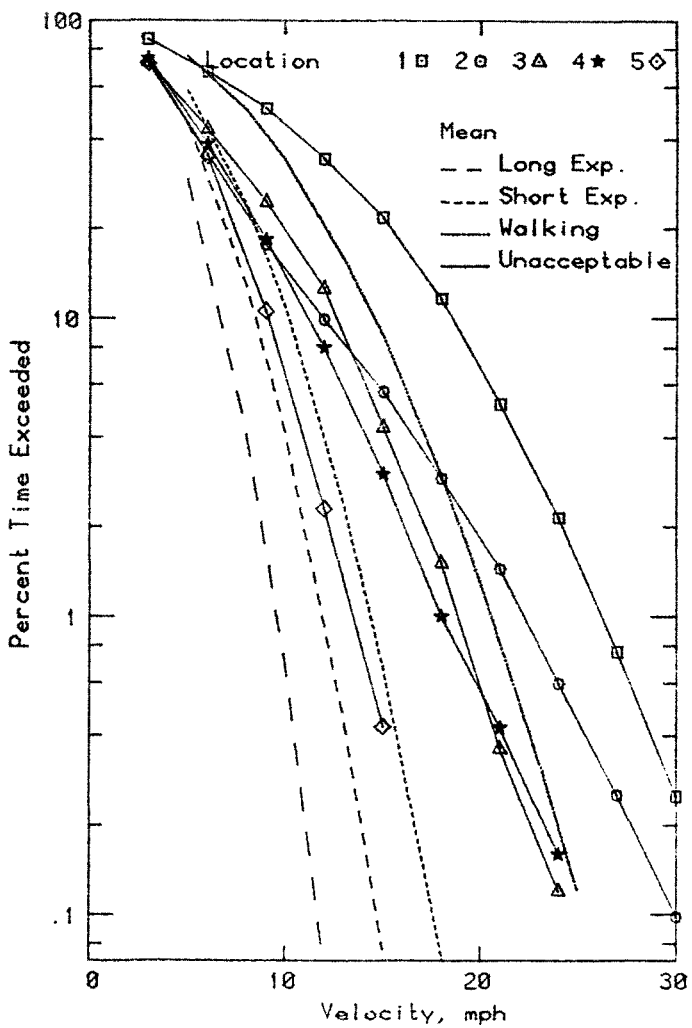


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

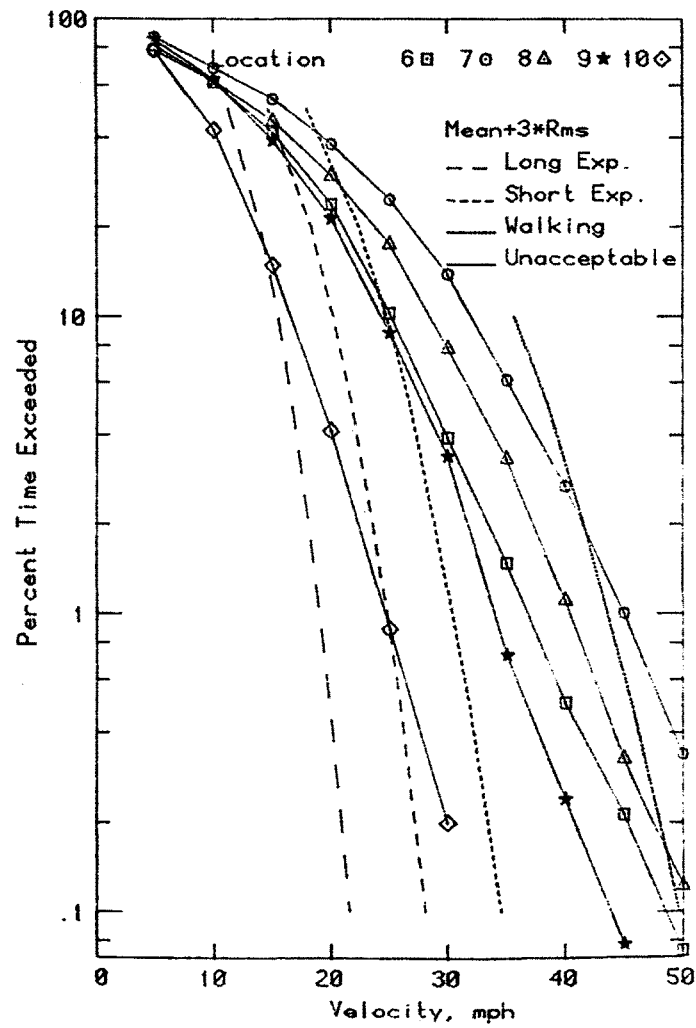
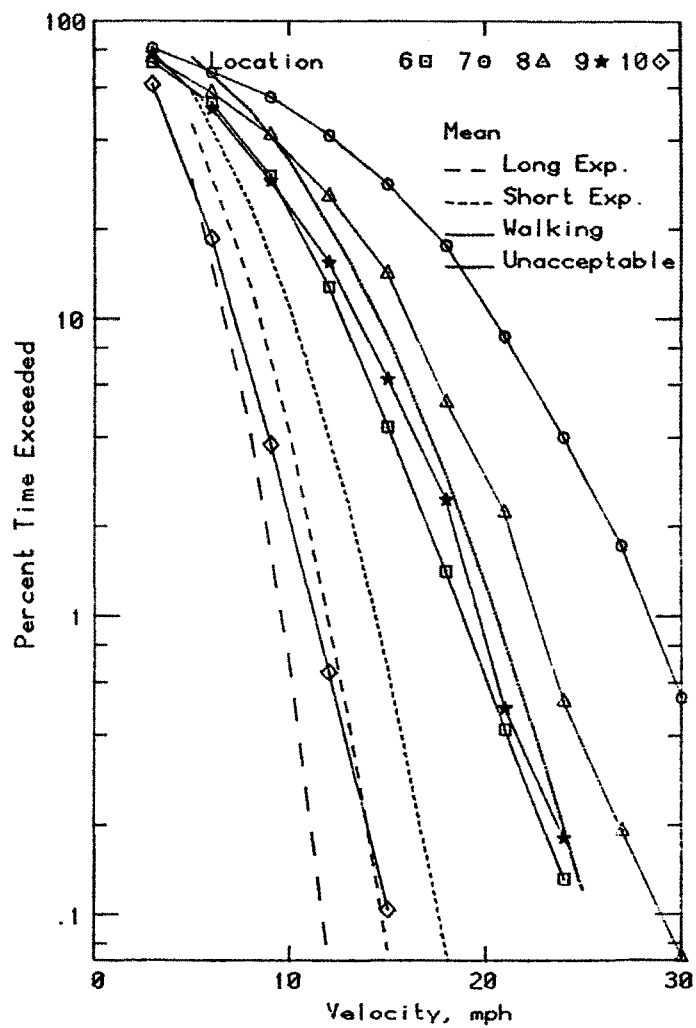


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

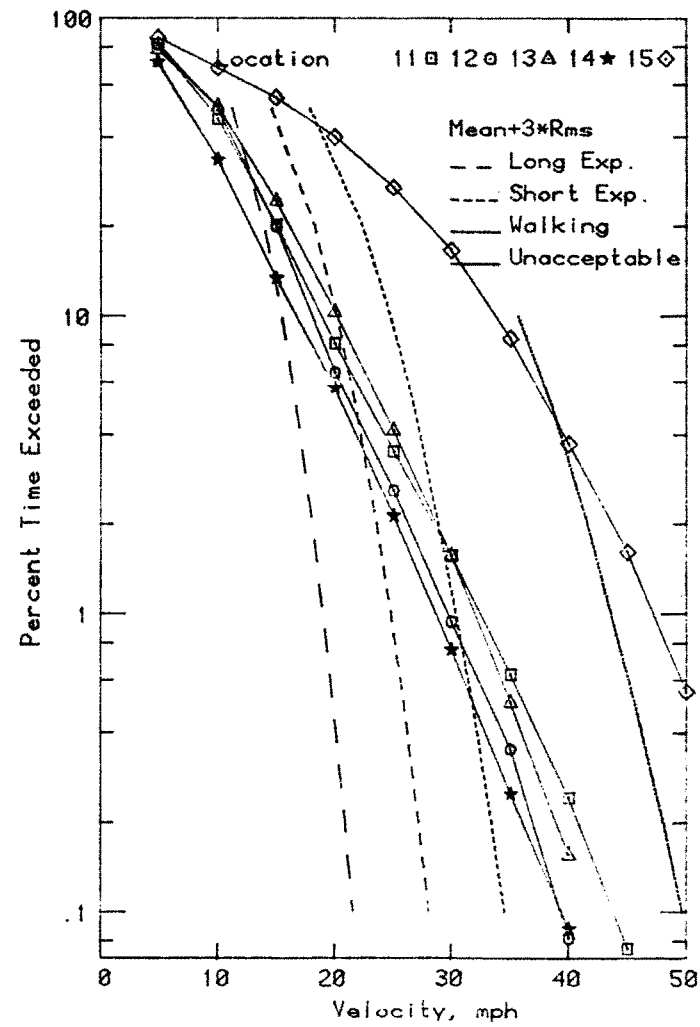
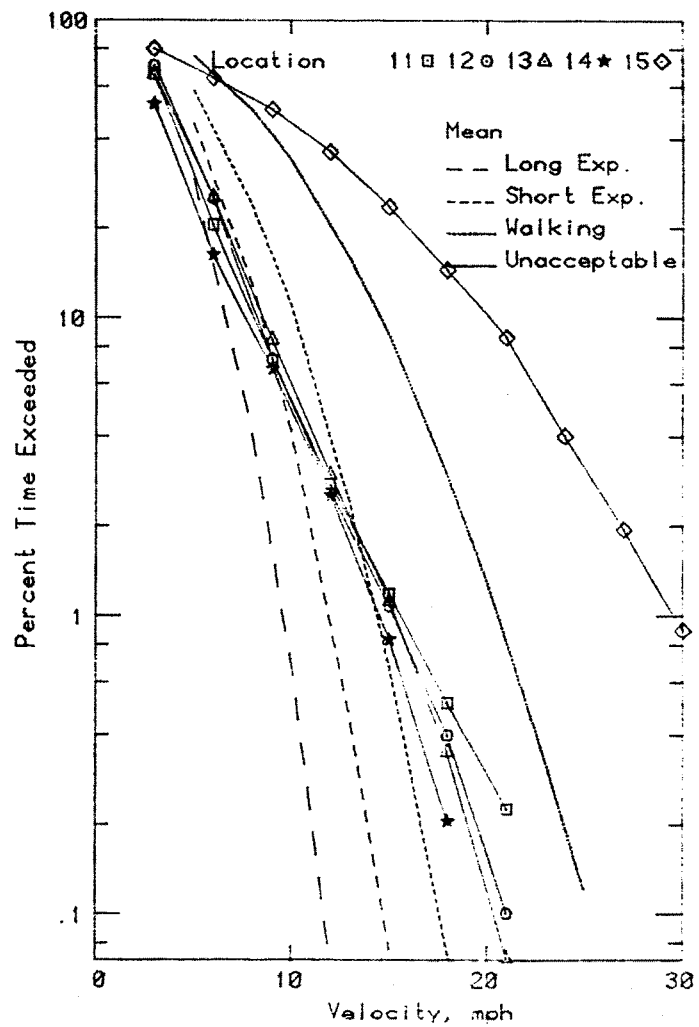


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

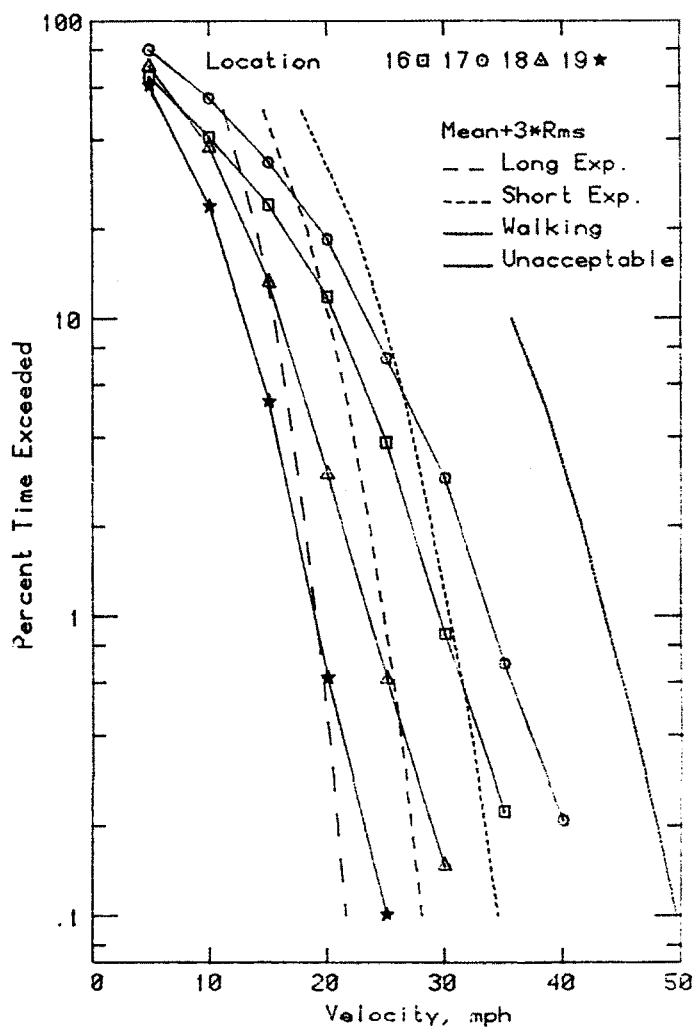
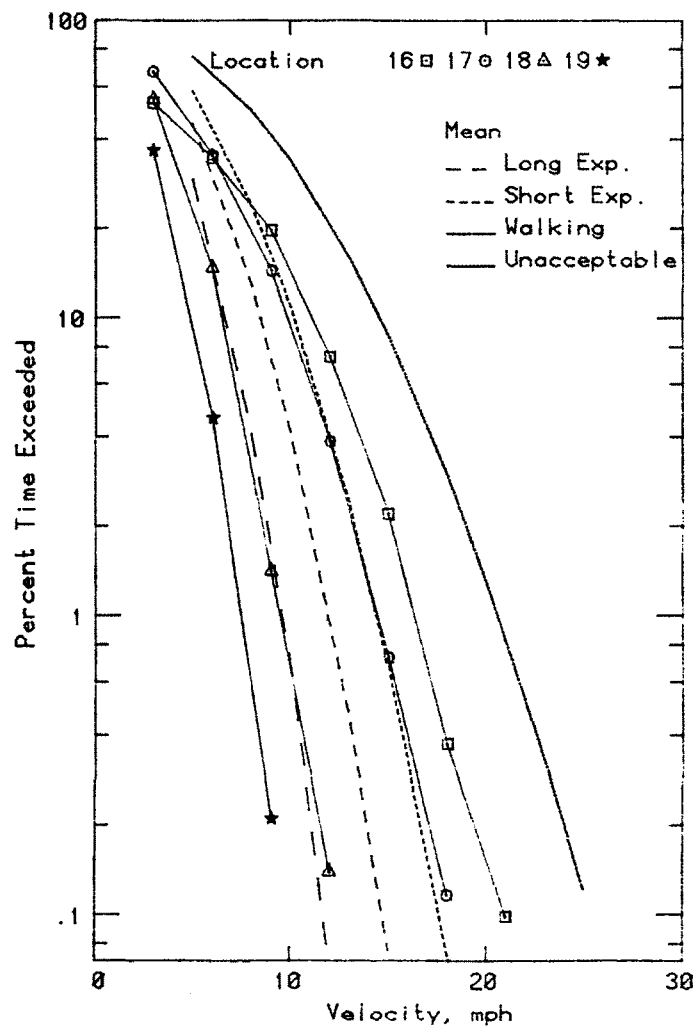
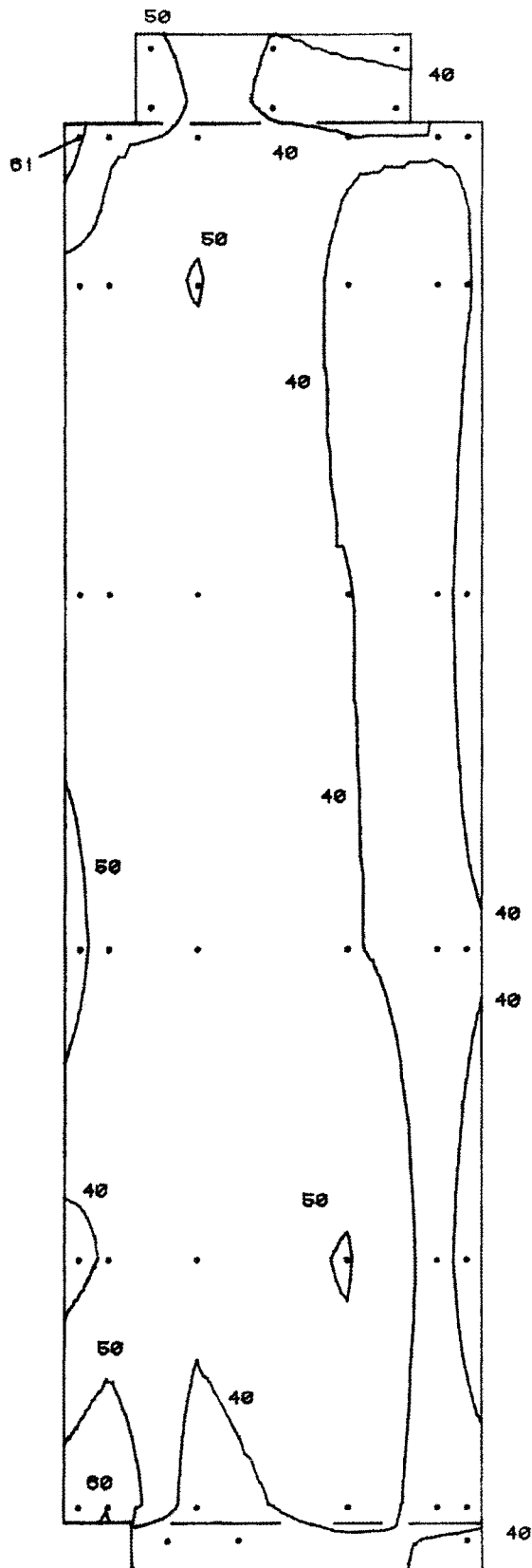
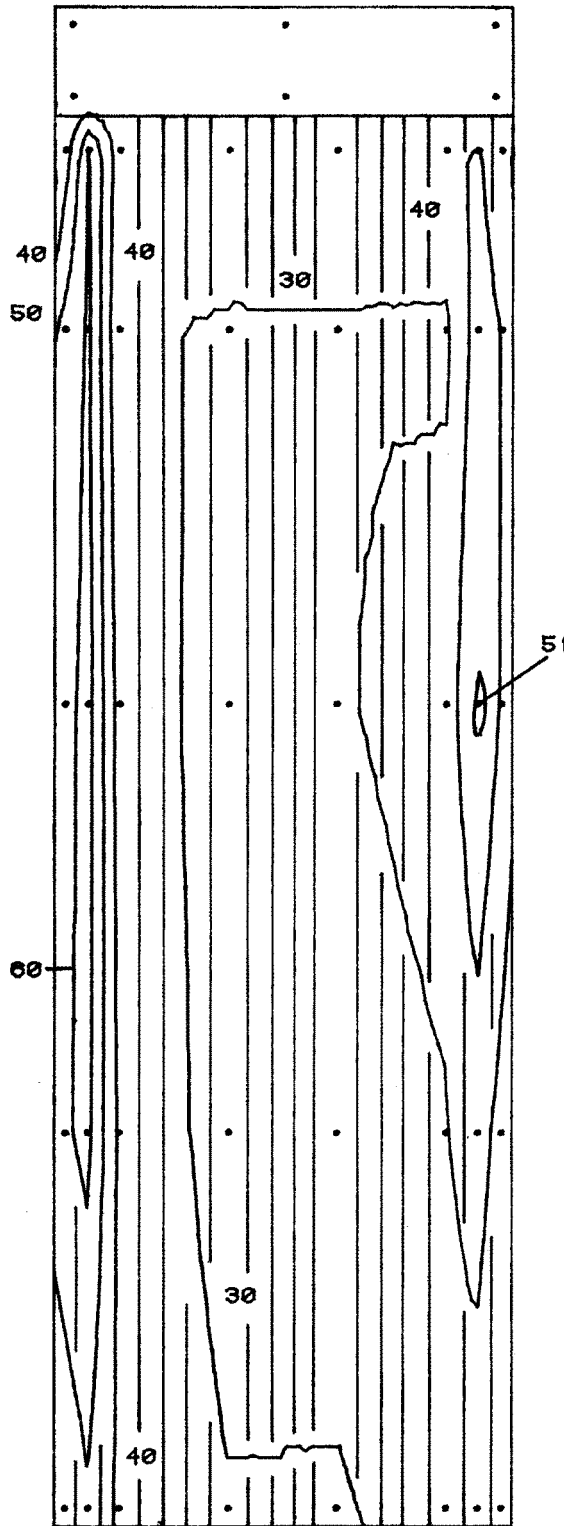


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations



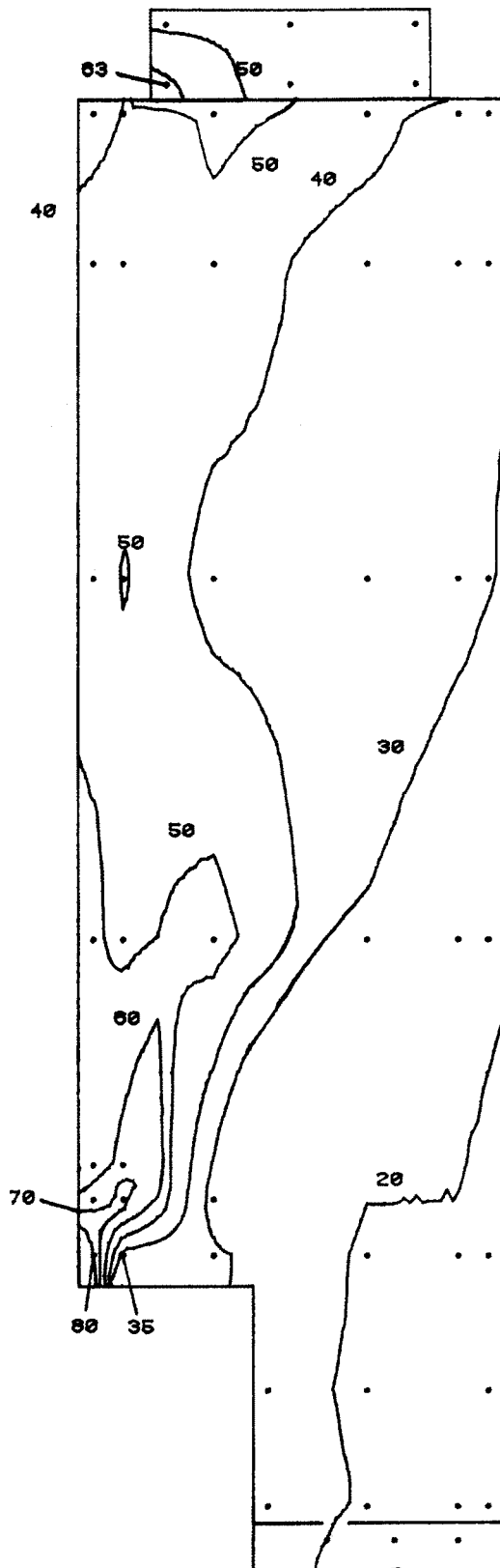
NORTH FACE
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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



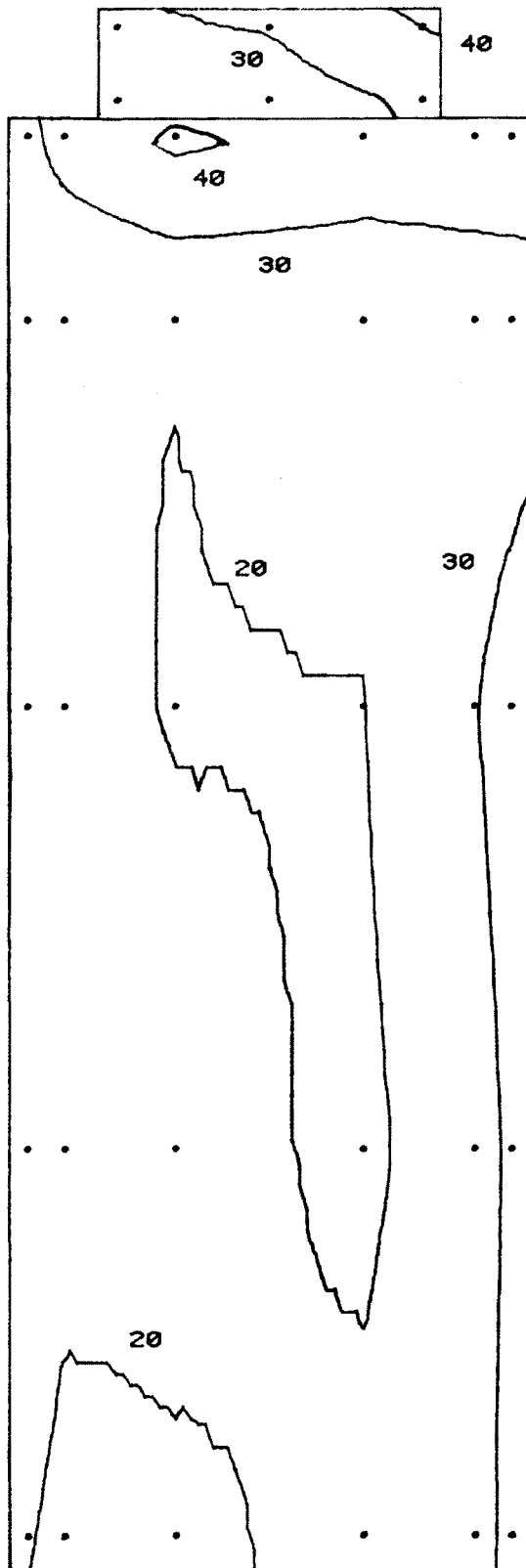
NORTHWEST FACE
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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



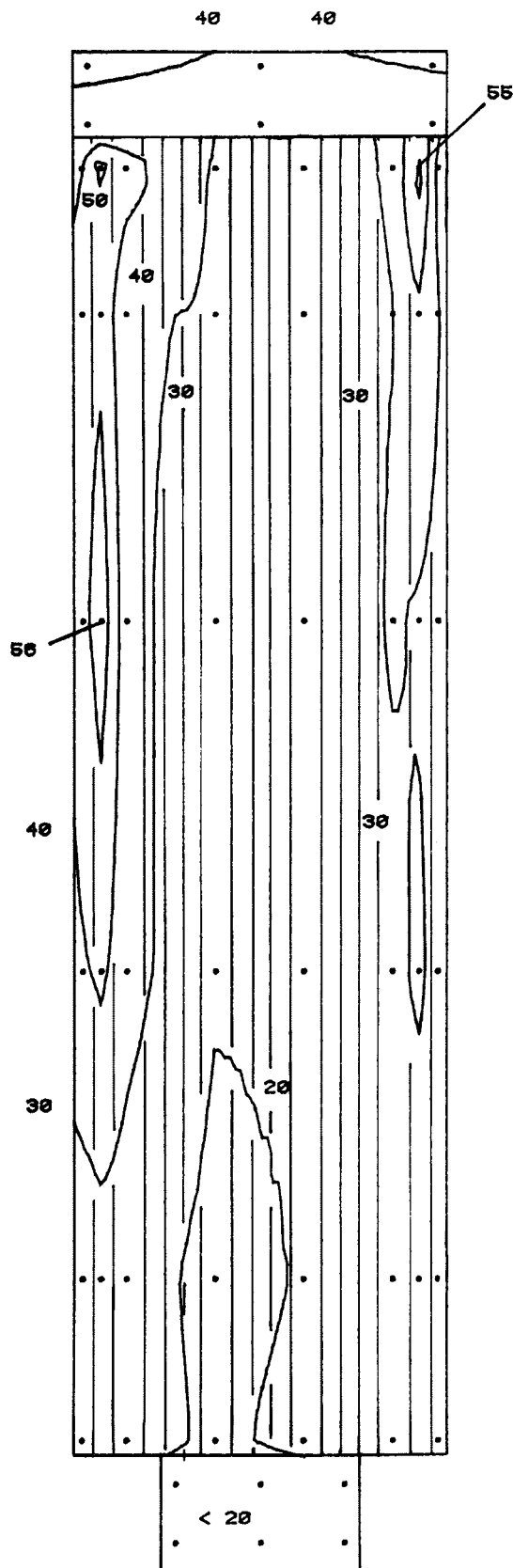
SOUTH FACE
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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



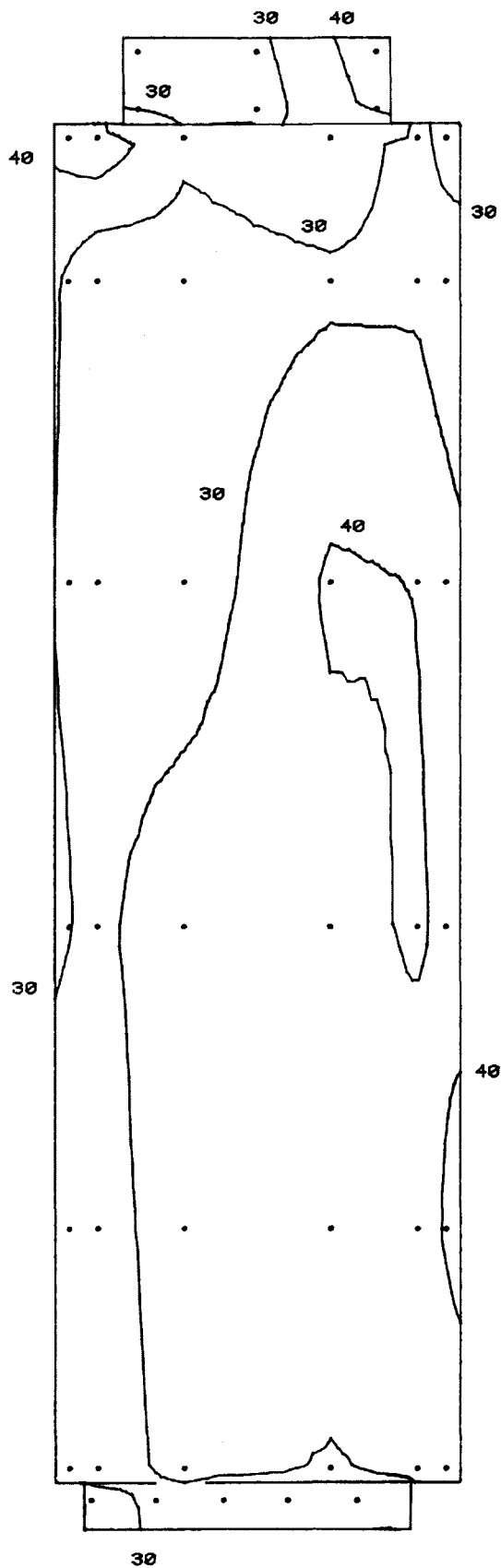
WEST FACE
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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



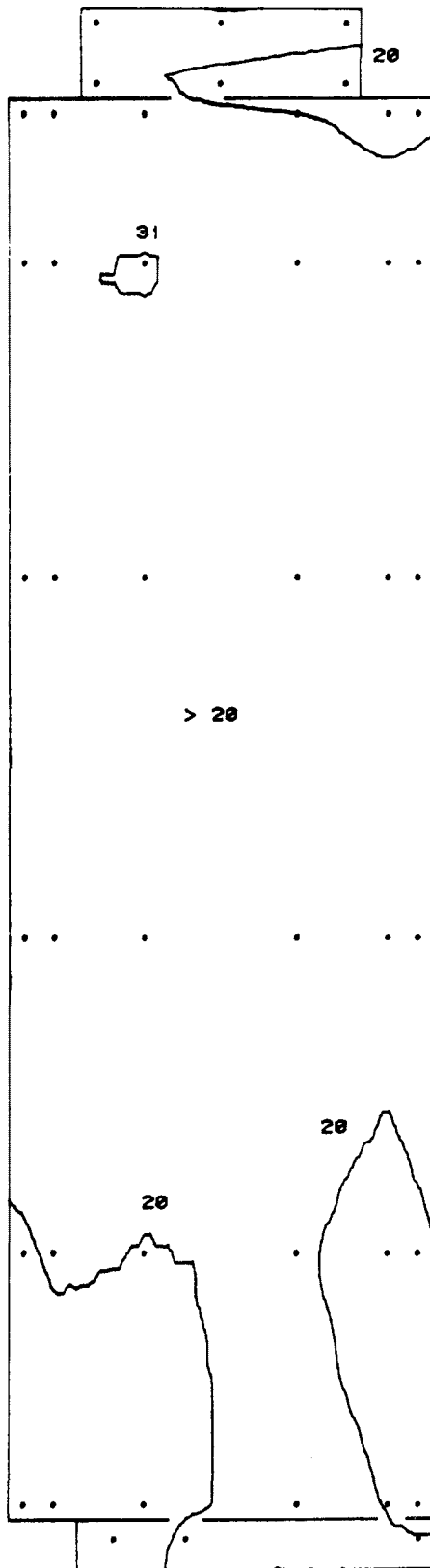
SOUTHEAST FACE
 PEAK NEGATIVE CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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



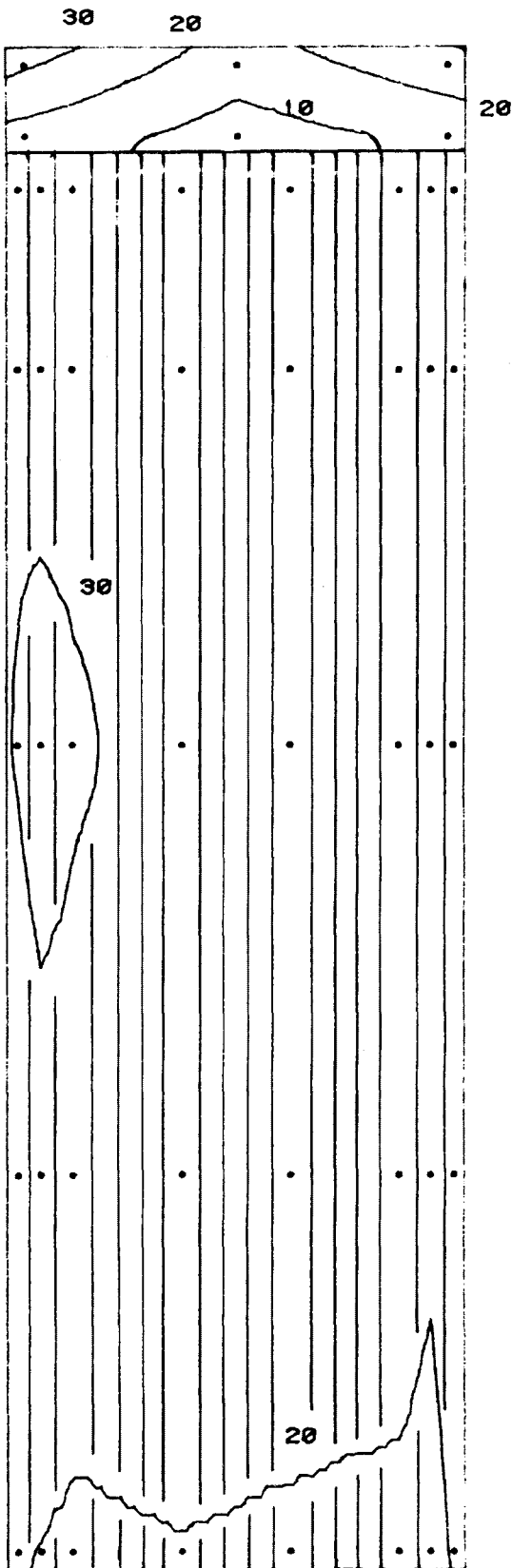
EAST FACE
PEAK NEGATIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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



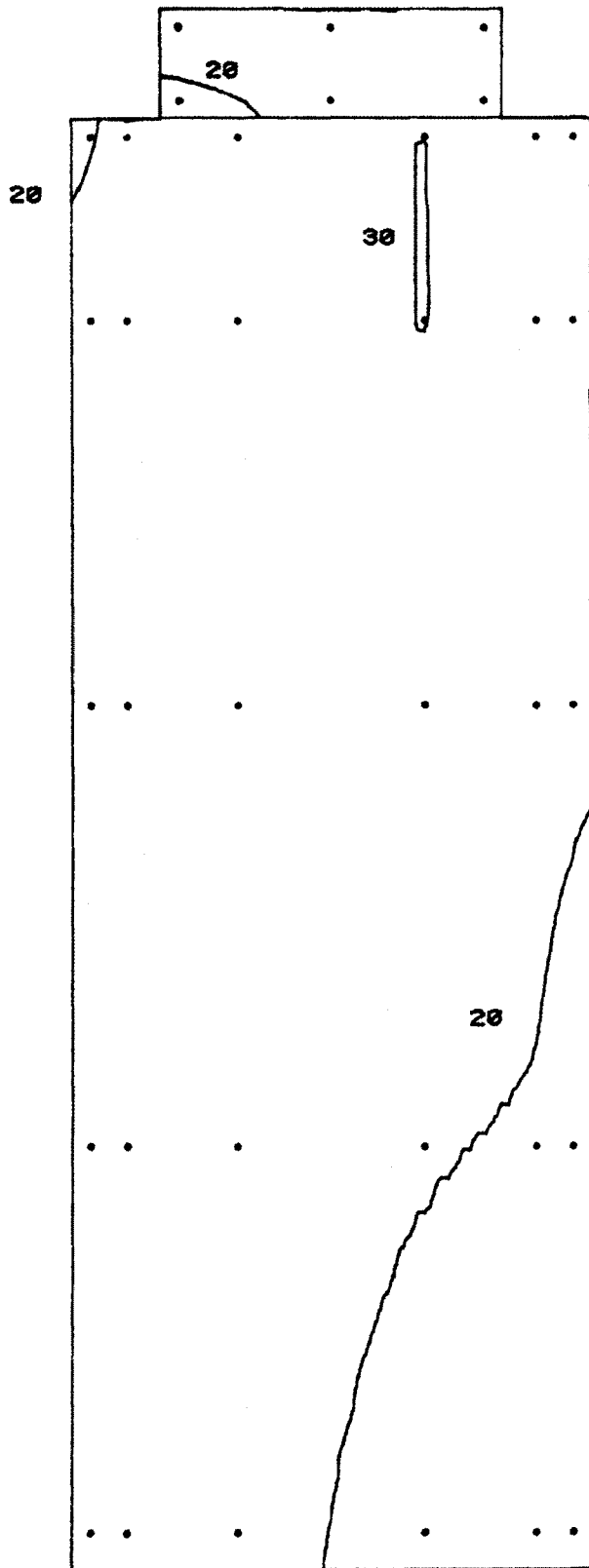
NORTH FACE
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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



NORTHWEST FACE
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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



WEST FACE
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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

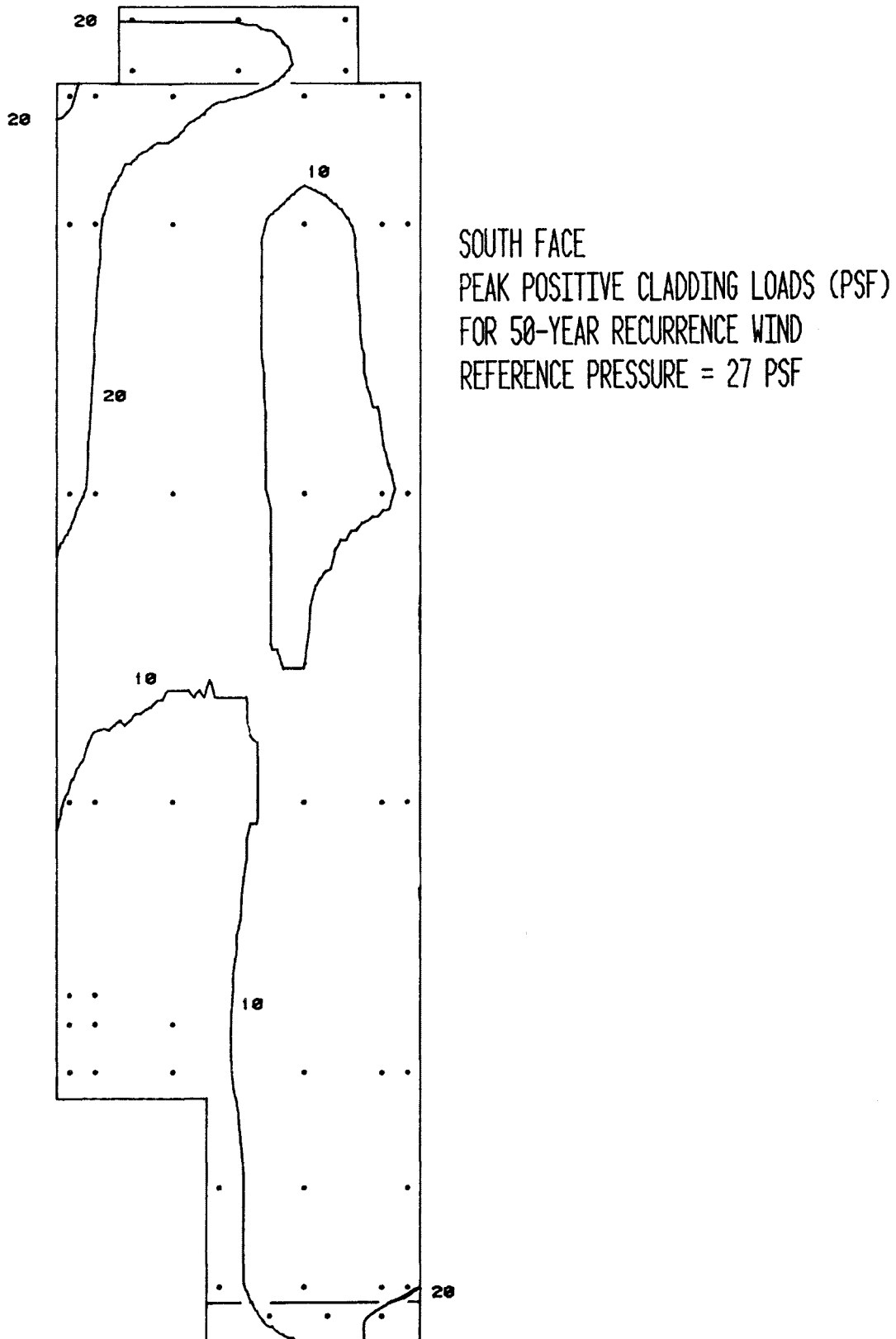
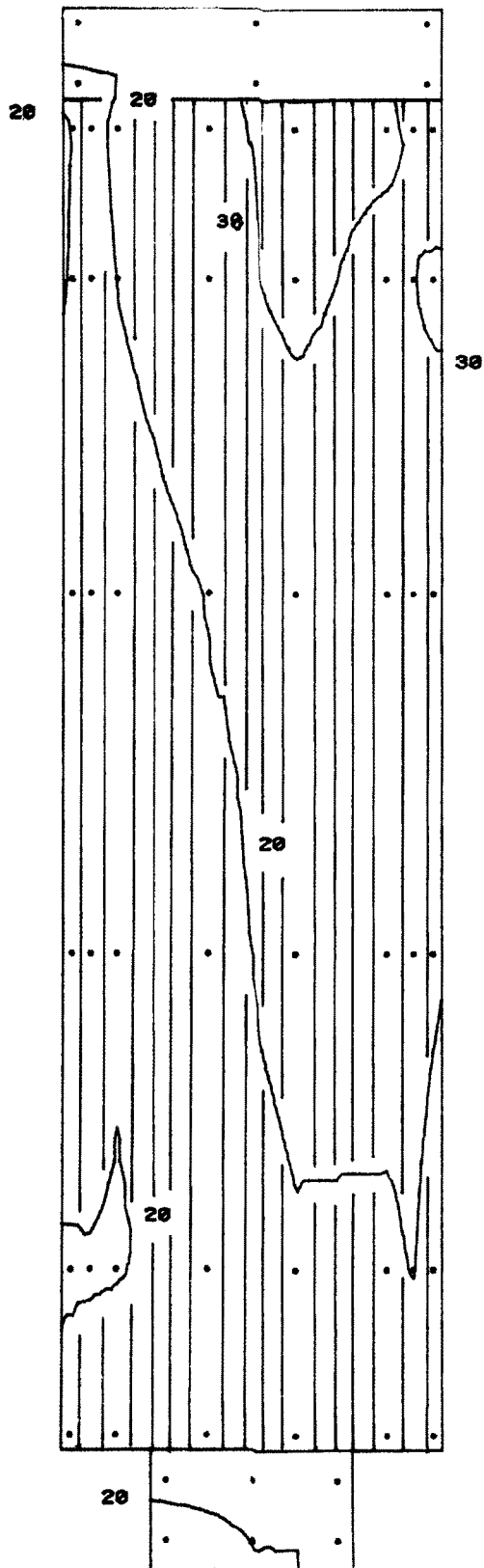
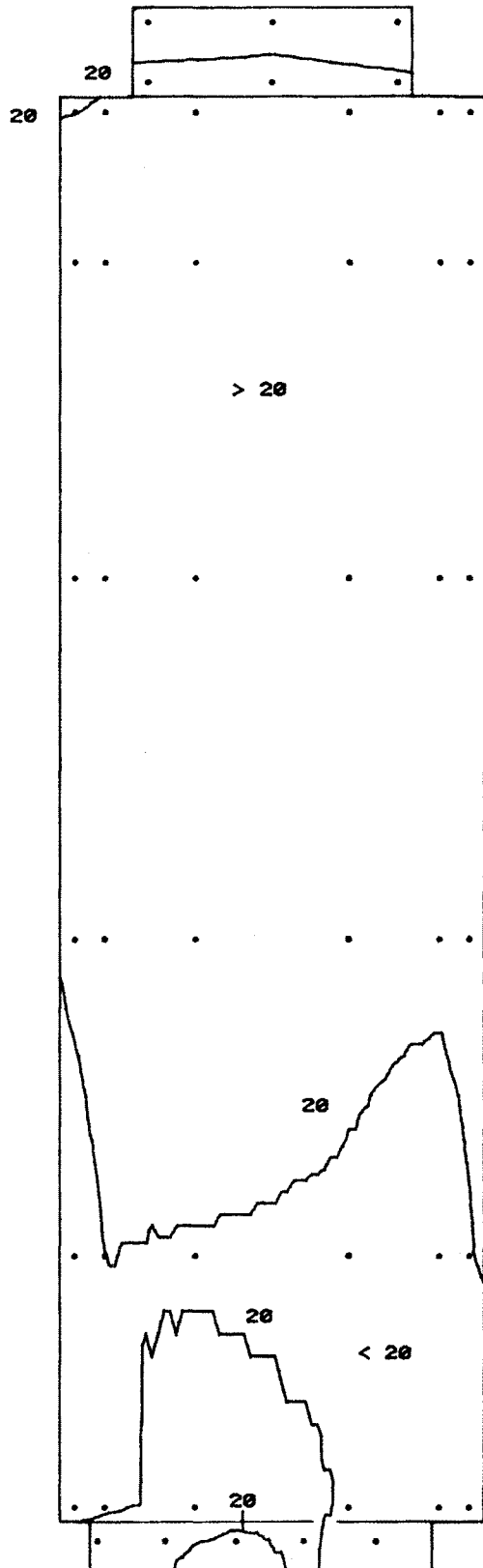


Figure 10j. Peak Pressure Contours on the Building for Cladding Loads



SOUTHEAST FACE
PEAK POSITIVE CLADDING LOADS (PSF)
FOR 50-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 27 PSF

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



EAST FACE
 PEAK POSITIVE CLADDING LOADS (PSF)
 FOR 50-YEAR RECURRENCE WIND
 REFERENCE PRESSURE = 27 PSF

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

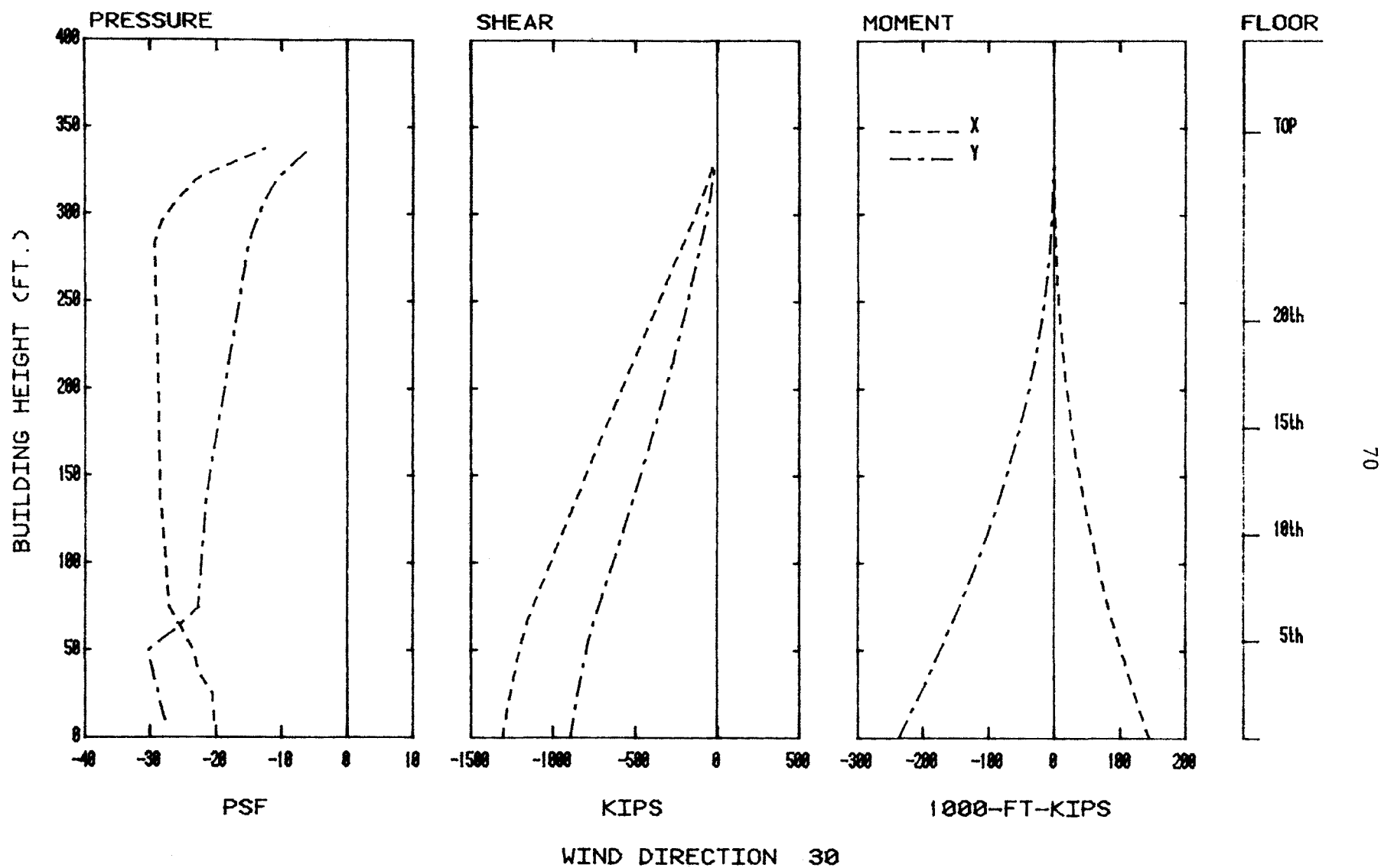
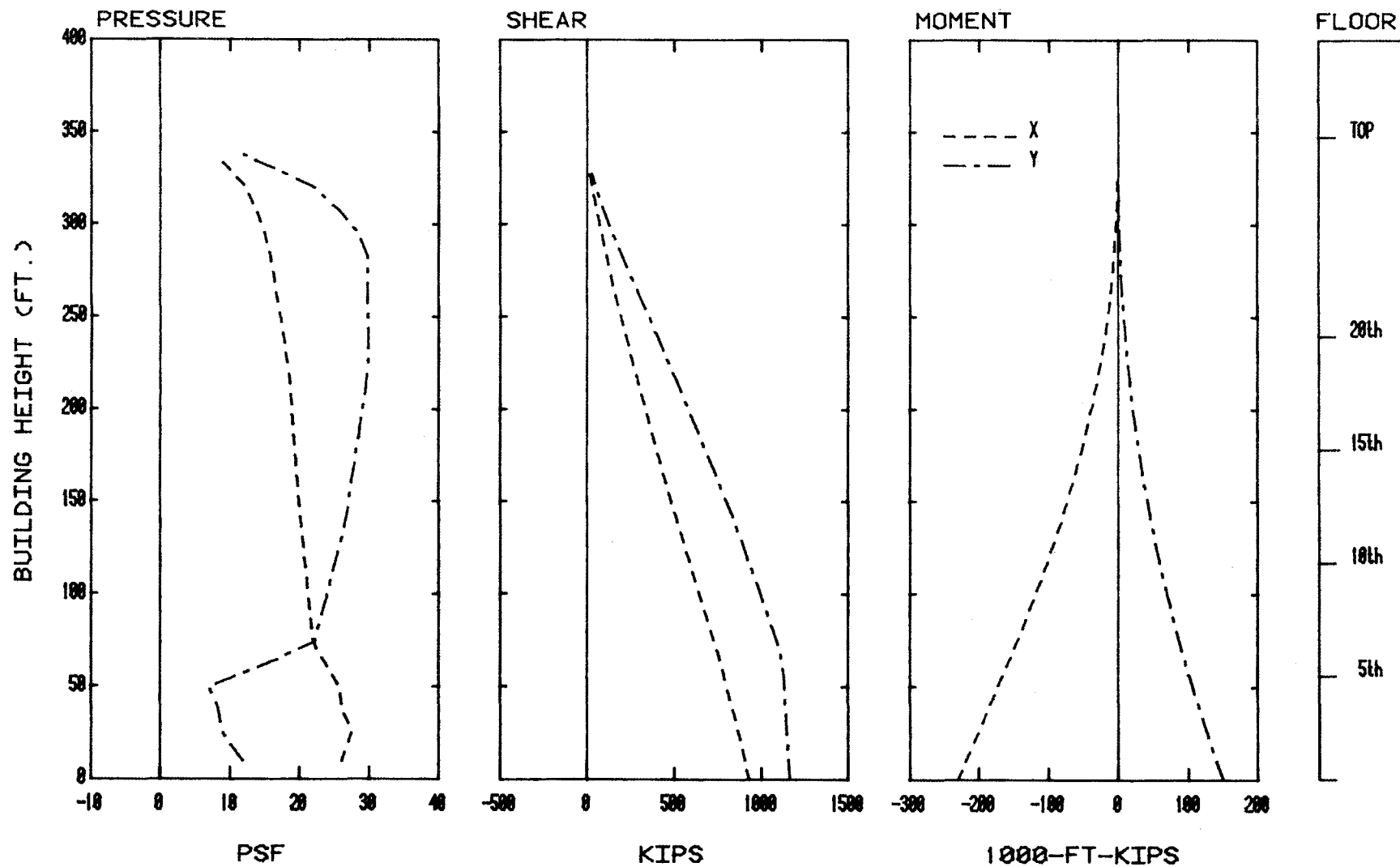


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions



WIND DIRECTION 130

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

AMERICA'S TOWERHigh Pressure Areas

<u>Run</u>	<u>Pressure Tap</u>	<u>Azimuth, °</u>
1	365	0
2	365	320
3	146	330

High Pedestrian Wind Velocities

<u>Run</u>	<u>Pedestrian Location</u>	<u>Azimuth, °</u>
4	7,15	135
5	7,15	157.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

LOCATION 1

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	37.0	14.6	80.8
22.50	30.6	12.9	69.3
45.00	35.0	13.7	76.3
67.50	29.7	13.7	70.7
90.00	22.7	12.4	60.0
112.50	59.5	16.9	110.3
135.00	64.7	15.0	109.7
157.50	71.6	15.4	117.8
180.00	62.7	12.5	100.1
202.50	57.2	15.2	102.9
225.00	37.0	18.3	91.9
247.50	21.7	10.7	53.8
270.00	27.5	13.8	69.0
292.50	38.9	21.6	103.7
315.00	46.5	18.0	100.4
337.50	39.1	13.3	79.0

LOCATION 2

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	51.0	9.9	80.8
22.50	32.6	15.7	79.9
45.00	65.4	22.5	132.8
67.50	58.0	20.8	120.5
90.00	30.0	15.3	75.8
112.50	15.5	8.5	41.0
135.00	19.7	10.1	50.1
157.50	29.4	13.2	68.8
180.00	18.4	10.2	49.0
202.50	11.8	6.1	30.0
225.00	17.3	8.3	42.2
247.50	18.2	7.6	41.0
270.00	46.2	10.3	77.2
292.50	61.6	10.1	91.8
315.00	58.8	10.1	89.1
337.50	56.2	10.2	86.7

LOCATION 3

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	31.3	12.2	67.8
22.50	18.7	7.0	39.7
45.00	39.1	12.6	76.8
67.50	46.2	14.0	88.1
90.00	40.3	17.4	92.5
112.50	39.1	11.8	74.4
135.00	46.1	9.7	75.2
157.50	51.3	12.3	88.1
180.00	15.6	8.4	40.7
202.50	9.8	4.7	23.9
225.00	10.7	5.9	28.4
247.50	13.2	7.3	35.1
270.00	20.7	13.2	60.2
292.50	38.5	18.3	93.4
315.00	31.0	18.2	85.8
337.50	49.1	13.4	89.4

LOCATION 4

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	31.6	12.2	68.1
22.50	32.3	13.2	72.0
45.00	42.3	16.8	92.8
67.50	61.8	14.8	106.0
90.00	66.1	14.6	109.9
112.50	36.8	20.0	96.9
135.00	25.5	14.7	69.5
157.50	20.9	10.4	52.2
180.00	43.2	14.9	88.0
202.50	14.1	7.1	35.3
225.00	10.1	5.2	25.8
247.50	12.2	6.3	31.0
270.00	19.8	11.0	52.7
292.50	24.9	10.5	56.3
315.00	16.3	8.4	41.4
337.50	35.6	10.6	67.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	37.0	16.2	85.7
22.50	38.2	15.6	84.9
45.00	16.4	10.1	46.7
67.50	14.2	10.3	45.1
90.00	41.5	15.1	86.9
112.50	37.0	12.0	73.0
135.00	24.9	12.3	61.8
157.50	25.9	12.0	62.0
180.00	31.2	14.2	73.7
202.50	16.9	9.3	45.0
225.00	14.9	8.2	39.3
247.50	18.9	11.1	52.0
270.00	9.8	4.9	24.5
292.50	18.6	12.1	54.9
315.00	26.6	13.9	68.3
337.50	32.2	16.7	82.2

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	53.6	16.0	101.4
22.50	53.0	15.4	99.1
45.00	39.1	16.4	88.1
67.50	13.3	7.9	37.1
90.00	30.4	10.3	61.4
112.50	38.4	12.5	75.9
135.00	42.5	13.9	84.1
157.50	43.7	13.9	85.2
180.00	37.6	12.7	75.7
202.50	6.4	2.4	13.6
225.00	6.9	2.0	12.9
247.50	7.9	3.2	17.4
270.00	9.3	5.3	25.2
292.50	9.0	5.1	24.3
315.00	30.5	16.5	80.1
337.50	51.0	16.0	99.0

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	67.2	10.0	97.2
22.50	69.4	9.3	97.2
45.00	51.8	13.1	91.2
67.50	25.0	12.6	62.9
90.00	54.8	11.1	88.0
112.50	68.8	9.4	97.1
135.00	74.8	13.9	116.5
157.50	75.3	15.2	121.0
180.00	65.3	13.3	105.4
202.50	9.5	6.1	27.9
225.00	11.4	5.8	28.8
247.50	13.0	6.1	31.3
270.00	17.0	7.3	38.8
292.50	10.7	6.6	30.4
315.00	40.2	14.4	83.4
337.50	64.6	7.9	88.5

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	39.7	11.2	73.4
22.50	42.0	10.3	72.8
45.00	37.6	11.4	71.7
67.50	24.1	12.0	60.1
90.00	39.6	12.4	76.7
112.50	57.6	14.2	100.4
135.00	61.4	15.4	107.5
157.50	59.9	15.8	107.3
180.00	56.0	14.1	98.5
202.50	8.5	4.7	22.7
225.00	6.5	3.0	15.6
247.50	7.2	3.3	17.2
270.00	10.5	5.4	26.6
292.50	9.7	5.0	24.8
315.00	19.0	9.5	47.6
337.50	36.4	9.4	64.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	30.1	11.2	63.7
22.50	25.8	11.2	59.5
45.00	19.3	9.0	46.3
67.50	21.0	9.9	50.7
90.00	28.1	12.6	66.0
112.50	44.7	12.1	80.8
135.00	40.2	13.0	79.3
157.50	49.3	12.7	87.5
180.00	53.7	12.2	90.2
202.50	21.5	9.7	50.6
225.00	14.5	6.0	32.5
247.50	30.7	11.8	66.0
270.00	28.1	9.9	57.7
292.50	17.2	10.3	48.1
315.00	23.3	14.2	65.8
337.50	30.4	12.6	68.2

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	24.2	9.0	51.4
22.50	27.6	8.7	53.6
45.00	32.8	12.1	69.0
67.50	38.4	12.4	75.6
90.00	22.4	9.8	51.7
112.50	14.8	8.9	41.5
135.00	16.7	9.6	45.5
157.50	17.7	9.6	46.6
180.00	24.3	11.5	59.9
202.50	13.3	8.2	37.9
225.00	7.5	4.0	19.6
247.50	13.4	6.7	33.6
270.00	16.3	8.6	42.1
292.50	27.5	10.4	58.7
315.00	27.7	11.7	62.7
337.50	24.2	10.1	54.4

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.6	8.9	44.4
22.50	18.8	9.5	47.5
45.00	38.2	16.5	87.6
67.50	55.7	18.3	110.5
90.00	61.3	15.4	107.5
112.50	33.2	19.9	93.0
135.00	22.4	11.1	55.8
157.50	20.6	11.4	54.8
180.00	13.8	7.0	34.7
202.50	14.8	7.5	37.4
225.00	12.9	6.5	32.6
247.50	18.4	7.6	41.8
270.00	22.5	10.8	54.9
292.50	32.2	14.0	74.3
315.00	31.1	14.2	73.8
337.50	26.3	11.9	62.1

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.4	7.7	40.4
22.50	13.9	6.6	33.8
45.00	25.9	12.4	63.0
67.50	43.6	15.4	89.7
90.00	57.0	12.4	94.2
112.50	51.1	15.4	97.4
135.00	22.4	13.4	62.7
157.50	20.5	9.6	49.5
180.00	22.4	9.7	51.5
202.50	19.2	6.1	37.5
225.00	16.3	6.2	34.9
247.50	27.2	14.0	69.1
270.00	23.8	10.8	56.1
292.50	22.8	11.5	57.2
315.00	31.4	13.7	72.4
337.50	26.1	10.8	58.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

LOCATION 13

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0 00	24.9	10.8	57.3
22 50	15.5	8.1	39.7
45 00	22.3	10.7	54.4
67 50	39.7	13.5	80.3
90 00	51.9	12.7	89.9
112 50	39.5	20.4	100.8
135 00	29.7	19.1	87.0
157 50	17.6	9.4	45.8
180 00	20.6	10.3	51.4
202 50	7.2	3.3	17.1
225 00	7.6	3.7	18.8
247 50	15.3	8.2	40.0
270 00	21.1	7.6	44.0
292 50	26.3	10.4	57.5
315 00	41.8	13.4	81.9
337 50	40.3	13.4	80.4

LOCATION 14

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0 00	35.8	12.0	71.7
22 50	27.9	10.2	58.4
45 00	15.8	7.1	37.1
67 50	28.5	10.8	61.0
90 00	44.7	11.9	80.3
112 50	26.2	14.5	69.9
135 00	21.1	12.3	57.9
157 50	14.6	7.7	37.7
180 00	11.4	5.6	26.2
202 50	7.3	3.2	17.1
225 00	7.6	3.3	17.5
247 50	14.2	5.7	31.4
270 00	16.2	7.5	38.7
292 50	12.2	6.2	30.8
315 00	36.4	13.7	77.7
337 50	42.6	13.5	83.3

LOCATION 15

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0 00	54.5	12.6	92.2
22 50	60.6	10.7	92.6
45 00	56.8	10.5	88.4
67 50	30.2	12.5	67.7
90 00	26.1	13.7	67.2
112 50	75.7	14.9	120.4
135 00	88.1	14.5	131.7
157 50	78.6	15.2	124.5
180 00	47.6	21.7	112.7
202 50	10.6	6.0	28.7
225 00	11.1	4.7	25.2
247 50	14.5	7.2	36.0
270 00	13.1	6.0	33.4
292 50	10.8	5.2	26.5
315 00	35.1	12.4	72.5
337 50	48.5	11.0	81.5

LOCATION 16

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0 00	8.5	4.2	21.0
22 50	8.3	3.7	19.5
45 00	13.8	7.4	35.9
67 50	18.0	9.1	45.4
90 00	20.9	7.9	44.7
112 50	25.6	9.9	55.2
135 00	37.4	11.5	72.0
157 50	43.1	11.0	76.0
180 00	41.8	12.4	78.9
202 50	8.6	4.4	21.9
225 00	6.4	2.8	14.7
247 50	7.1	3.2	16.8
270 00	10.8	5.9	28.3
292 50	9.1	4.1	21.4
315 00	7.7	3.6	18.4
337 50	11.0	5.6	27.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.0	9.1	46.3
22.50	17.3	8.4	42.7
45.00	21.4	12.7	59.5
67.50	33.7	12.7	72.0
90.00	47.1	13.6	93.8
112.50	28.2	12.8	69.7
135.00	32.2	13.8	79.6
157.50	33.0	16.5	82.5
180.00	38.8	17.3	90.9
202.50	11.3	6.0	29.3
225.00	8.6	3.6	19.4
247.50	11.5	5.7	28.7
270.00	12.5	5.8	30.1
292.50	14.7	7.7	37.8
315.00	13.2	6.0	31.4
337.50	21.9	10.7	54.1

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.7	6.3	31.5
22.50	16.0	7.5	38.4
45.00	17.1	8.3	42.1
67.50	19.8	5.1	26.0
90.00	32.7	16.6	82.6
112.50	28.2	14.6	72.0
135.00	24.9	12.5	62.6
157.50	22.3	10.2	53.0
180.00	22.4	10.6	54.2
202.50	9.2	4.9	23.8
225.00	6.7	2.7	14.8
247.50	11.8	6.2	30.4
270.00	11.9	5.7	29.0
292.50	13.8	7.4	35.9
315.00	9.8	4.2	22.3
337.50	14.8	7.7	37.9

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.5	7.2	34.0
22.50	13.3	7.4	35.4
45.00	9.6	6.1	27.8
67.50	6.0	3.8	17.5
90.00	8.8	5.8	26.2
112.50	8.6	4.8	23.0
135.00	14.1	7.7	37.3
157.50	18.4	9.0	45.3
180.00	19.9	10.5	51.5
202.50	6.8	4.9	21.5
225.00	19.6	9.1	46.7
247.50	17.1	8.0	41.1
270.00	8.6	5.4	24.7
292.50	7.0	4.0	18.8
315.00	7.2	4.2	19.7
337.50	14.5	8.0	38.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

* * GREATEST VALUES * *

UNEAN/UINF (PERCENT)					URMS/UINF (PERCENT)					UNEAN+3*RMS/UINF (PERCENT)				
LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS
15	135.0	88.1	14.5	131.7	2	45.0	65.4	22.5	132.8	2	45.0	65.4	22.5	132.8
15	157.5	78.8	15.2	124.5	15	180.0	47.6	21.7	112.7	15	135.0	88.1	14.5	131.7
15	112.5	75.7	14.9	120.4	1	292.5	38.9	21.6	103.7	15	157.5	78.8	15.2	124.5
7	157.5	75.3	15.2	121.0	2	67.5	58.0	20.8	120.5	7	157.5	75.3	15.2	121.0
7	135.0	74.8	13.9	116.5	13	112.5	39.5	20.4	100.8	2	67.5	58.0	20.8	120.5
1	157.5	71.6	15.4	117.8	4	112.5	36.8	20.0	96.9	15	112.5	75.7	14.9	120.4
7	22.5	69.4	9.3	97.2	11	112.5	33.2	19.9	93.0	1	157.5	71.6	15.4	117.8
7	112.5	68.8	9.4	97.1	13	135.0	29.7	19.1	87.0	7	135.0	74.8	13.9	116.5
7	0.0	67.2	10.0	97.2	1	225.0	37.0	18.3	91.9	15	180.0	47.6	21.7	112.7
4	90.0	66.1	14.6	109.9	3	292.5	38.5	18.3	93.4	11	67.5	55.7	18.3	110.5

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

DALLAS, TEXAS

LOVE FIELD (1951-1960)

SEASON : ANNUAL NO. OF OBS = 87672 HT. OF MEAS. = 40. 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	.59	1.48	1.90	1.45	.52	.10	.03	0.00	0.00	6.07
NNE	.46	1.44	1.52	1.11	.31	.05	0.00	0.00	0.00	4.89
NE	.67	2.22	1.90	.65	.25	.03	0.00	.03	0.00	5.47
ENE	.28	1.09	1.35	.61	.20	.04	0.00	0.00	0.00	3.58
E	.42	1.29	1.52	.53	.22	.01	0.00	0.00	0.00	3.99
ESE	.32	1.26	2.17	.92	.25	.05	0.00	0.00	0.00	4.99
SE	.64	2.90	5.37	3.31	.54	.06	.01	0.00	0.00	12.82
SSE	.31	1.74	5.24	6.44	1.68	.17	.06	.02	0.00	15.67
SSW	.56	1.87	4.94	6.02	2.13	.25	.05	.02	0.00	15.83
SW	.30	.90	1.51	2.02	.66	.11	.01	0.00	0.00	5.51
WSW	.55	1.08	1.22	.93	.27	.08	.01	.03	0.00	4.16
WS	.19	.36	.30	.35	.16	.04	.02	.01	0.00	1.42
W	.33	.56	.47	.34	.20	.05	.02	.02	0.00	2.00
WNW	.27	.49	.56	.52	.31	.07	.03	0.00	0.00	2.25
NW	.50	1.14	1.06	1.07	.50	.12	.06	.03	0.00	4.49
NNW	.37	1.08	1.48	1.43	.56	.10	.06	0.00	0.00	5.08
CALM	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78
TOT	6.54	20.92	32.21	27.69	8.76	1.34	.36	.16	0.00	100.00

TABLE 4
SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed from ANSI A58.1 (Ref. 6):

50-year fastest mile at 30 ft = 70 mph

Mean hourly wind speed = $\frac{70}{1.25} = 56.0$ mph

Mean hourly gradient wind speed = $56.0 \left(\frac{1000}{30} \right)^{.17} = 101.6$ mph

Mean hourly wind at ref location U_{∞} = gradient wind

Reference pressure = $0.5 \rho U_{\infty}^2 = (0.00256) (101.6)^2 = 26.5$ psf

Use reference pressure = 27 psf

2. Loads for 100-year recurrence wind:

100-year fastest mile at 30 ft = 70 mph (Ref. 6)

No change in load.

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

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

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

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
101	130	-1.94	-52.3	24.6	149	260	-1.08	-29.3	22.9	206	40	-1.57	-42.5	18.6
102	140	-1.46	-39.3	28.0	150	290	-1.28	-34.6	28.8	207	230	-2.03	-54.9	29.0
103	130	-1.54	-41.6	25.6	151	50	-1.45	-39.2	27.6	208	230	-1.64	-44.2	20.0
104	130	-1.33	-35.8	31.3	152	120	-1.98	-53.4	29.1	209	230	-1.78	-48.0	20.8
105	140	-1.16	-31.4	14.1	153	120	-1.59	-43.0	22.2	210	230	-1.19	-32.1	23.0
106	130	-1.44	-38.8	26.2	154	120	-1.82	-49.3	25.8	211	250	-1.41	-38.1	23.7
107	120	-2.09	-56.4	22.7	155	120	-1.51	-40.9	24.5	212	60	-1.95	-25.8	20.2
108	120	-1.35	-36.4	16.7	156	120	-1.37	-37.1	23.9	213	70	-1.28	-34.4	24.0
109	140	-1.38	-37.2	12.2	157	130	-1.42	-38.4	24.3	214	230	-1.42	-38.3	30.1
110	130	-1.15	-31.0	16.2	158	320	-2.17	-58.7	23.8	215	190	1.06	-28.0	28.6
111	130	-1.18	-31.8	5.8	159	320	-2.34	-63.1	25.9	216	150	1.98	-20.8	26.4
112	270	-1.22	-33.1	12.4	160	130	-1.40	-37.8	25.9	217	130	1.05	-25.9	28.2
113	120	-2.28	-61.5	23.3	161	10	1.97	-25.9	26.2	218	60	-1.05	-28.2	27.8
114	120	-1.89	-51.1	22.2	162	10	1.97	-24.2	26.1	219	100	1.06	-28.3	28.6
115	120	-1.76	-47.6	22.6	163	270	-1.09	-29.5	26.3	220	90	1.97	-23.1	26.1
116	130	-1.53	-41.2	21.3	164	50	-1.00	-27.1	25.0	221	50	-1.08	-29.3	28.1
117	300	-1.52	-41.1	16.7	165	130	-1.39	-37.5	19.0	222	50	-1.07	-28.9	26.1
118	300	-1.51	-40.7	18.0	166	120	-1.53	-41.4	21.4	223	140	1.01	-26.8	27.2
119	320	-1.35	-36.5	23.4	167	120	-1.63	-44.0	19.8	224	130	1.94	-23.8	25.5
120	300	-2.28	-61.5	24.9	168	130	-1.89	-51.1	21.1	225	60	-1.55	-41.9	27.1
121	120	-1.24	-33.5	21.1	169	130	-1.37	-36.9	17.2	226	60	-1.48	-40.1	27.5
122	140	-1.24	-33.4	26.4	170	120	-1.58	-42.7	18.9	227	60	-1.32	-35.6	26.7
123	190	-1.24	-33.6	25.3	171	130	-1.57	-42.4	20.7	228	40	-1.18	-31.9	23.0
124	280	-1.43	-38.7	25.1	172	330	-1.80	-48.7	20.0	229	40	-1.13	-30.5	21.6
125	270	-1.18	-31.9	20.1	173	130	-1.43	-38.5	18.7	230	50	-1.04	-28.1	23.0
126	120	-1.70	-46.0	28.4	174	120	-1.14	-30.7	19.0	231	50	-1.36	-36.7	25.2
127	120	-1.73	-46.7	30.0	175	120	-1.16	-31.4	18.8	232	50	-1.31	-35.4	21.9
128	130	-1.88	-50.8	30.8	176	130	1.94	-25.4	17.6	233	50	-1.55	-42.0	21.8
129	130	-1.41	-38.1	26.4	177	130	1.83	-22.4	21.1	234	50	-1.39	-37.5	22.3
130	310	-1.30	-35.1	27.9	178	130	-1.41	-38.0	19.5	235	30	1.91	-24.4	20.8
131	320	-1.46	-39.4	27.6	179	120	-2.10	-56.7	13.6	236	40	1.93	-25.0	17.3
132	330	-1.99	-53.8	27.9	180	120	-2.22	-60.0	14.2	237	40	1.91	-24.4	20.2
133	330	-2.29	-62.0	25.4	181	120	-1.29	-34.9	18.1	238	50	-1.40	-37.7	19.6
134	320	-1.14	-30.7	26.6	182	120	-1.69	-45.7	22.6	239	50	-1.41	-38.0	19.2
135	130	-1.10	-29.7	28.5	183	120	-1.35	-36.6	20.0	240	50	-1.24	-33.5	16.0
136	140	-1.10	-29.8	27.1	184	130	-1.37	-37.1	19.0	241	50	-1.53	-41.4	19.5
137	270	-1.06	-28.7	23.3	185	140	-1.20	-32.4	14.9	242	30	1.68	-18.3	16.7
138	270	-1.47	-39.6	24.7	186	120	-1.32	-35.7	21.3	243	180	1.67	-16.8	18.2
139	120	-1.58	-42.6	27.3	187	120	-1.53	-41.4	20.4	244	40	1.91	-24.6	16.0
140	120	-1.71	-46.3	25.6	188	130	-1.46	-37.8	22.8	245	30	1.87	-23.4	19.0
141	120	-1.54	-41.6	25.2	189	140	1.87	-23.5	16.2	246	30	-1.28	-34.7	22.2
142	120	-1.50	-40.4	26.8	190	140	1.93	-25.2	18.1	247	30	-1.08	-29.2	20.0
143	130	-1.30	-35.2	26.7	191	140	1.98	-26.4	17.8	248	50	-1.23	-33.2	13.2
144	320	-1.64	-44.3	26.3	201	170	1.02	-26.7	27.5	249	60	-1.21	-32.6	12.1
145	330	-2.13	-57.6	31.2	202	50	-1.02	-27.6	25.4	250	150	1.97	-16.3	26.1
146	330	-2.35	-63.4	34.7	203	50	-1.70	-45.8	27.1	251	40	-1.35	-36.5	24.0
147	320	-1.30	-35.1	31.8	204	130	-1.05	-28.3	16.7	252	50	-1.01	-27.3	21.0
148	130	1.97	-26.2	25.6	205	130	1.95	-25.8	15.8	253	50	1.81	-21.8	19.5

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			PSF					PSF					PSF	
254	40	- .99	-26.8	20.8	347	300	-1.23	-33.3	15.7	395	30	-.55	-14.1	14.8
255	50	- .93	-25.7	18.2	348	290	-.84	-22.7	20.6	396	350	-.74	-20.1	11.0
301	320	-1.80	-48.6	19.8	349	300	-.83	-22.4	22.4	397	110	-.59	-13.9	16.0
302	320	-1.78	-48.7	19.8	350	100	-1.16	-31.2	25.9	398	130	-.81	-14.9	21.8
303	320	-1.80	-48.7	18.8	351	80	-1.03	-27.8	26.6	399	180	-.73	-15.5	19.8
304	50	-1.63	-43.9	29.3	352	320	-1.91	-51.6	9.6	400	110	-.73	-18.6	19.7
305	320	-1.36	-36.7	28.9	353	310	-1.77	-47.7	7.4	401	350	1.09	-28.8	29.4
306	320	-1.52	-40.9	27.3	354	340	-2.02	-54.4	8.3	402	230	-1.14	-30.7	29.3
307	310	-2.31	-62.4	26.7	355	330	-1.08	-29.1	11.1	403	240	-1.49	-40.1	29.6
308	320	-1.55	-41.8	25.5	356	340	-.85	-23.0	18.1	404	320	-.97	-26.1	16.2
309	320	-1.71	-46.3	15.2	357	340	-.81	-21.7	11.6	405	0	-.95	-25.7	25.4
310	290	-1.18	-32.0	16.8	358	120	-1.45	-39.1	15.8	406	130	-1.18	-31.9	28.4
311	140	-1.20	-32.5	26.3	359	190	-1.56	-42.1	15.0	407	50	-1.53	-41.3	29.6
312	100	-1.23	-33.2	26.2	360	290	-1.26	-34.1	19.6	408	140	-1.02	-27.5	19.0
313	300	-1.37	-37.1	19.6	361	290	-.78	-21.1	18.0	409	240	-1.26	-34.0	25.7
314	310	-1.56	-40.5	21.9	362	150	-.83	-21.6	22.4	410	240	-1.58	-42.7	26.8
315	310	-1.96	-52.8	22.4	363	100	-1.02	-27.6	25.7	411	240	-1.34	-36.2	30.3
316	320	-1.71	-46.1	17.1	364	50	-1.00	-27.1	21.7	412	230	-1.39	-37.5	21.4
317	320	-1.21	-32.7	13.9	365	0	-2.97	-80.2	7.1	413	230	-1.41	-38.1	27.6
318	320	-1.21	-32.6	13.7	366	320	-1.30	-35.1	9.0	414	50	-1.67	-45.1	26.8
319	290	-1.50	-40.5	20.2	367	350	-1.20	-32.3	6.8	415	330	1.03	-27.3	27.9
320	110	-1.88	-50.9	15.9	368	340	-.68	-18.5	14.6	416	320	-.99	-20.3	26.7
321	290	-1.67	-45.0	23.5	369	280	-.72	-19.5	19.4	417	300	1.05	-20.3	28.4
322	290	-1.07	-28.9	28.3	370	350	-.67	-18.1	15.3	418	310	1.12	-22.9	30.3
323	180	1.20	-24.0	32.4	371	340	-.86	-23.2	20.8	419	270	1.05	-23.6	28.4
324	180	1.20	-31.3	32.3	372	130	-.93	-25.1	20.8	420	230	-.88	-23.7	22.4
325	90	1.00	-27.0	26.2	373	30	-.91	-24.4	20.8	421	50	-1.89	-51.1	26.4
326	260	-1.66	-44.8	25.3	374	180	-.65	-17.2	17.4	422	50	-1.04	-28.0	27.4
327	340	-1.66	-44.9	20.5	375	90	-.77	-26.7	19.3	423	0	1.01	-22.3	27.3
328	340	-1.74	-47.0	15.9	376	50	-.93	-25.1	17.7	424	320	-.94	-19.7	25.3
329	330	-1.22	-33.1	7.2	377	40	-1.08	-29.0	16.7	425	320	-.99	-20.0	26.8
330	320	-1.19	-32.0	11.9	378	340	-.79	-21.3	6.7	426	300	-1.10	-29.6	24.2
331	130	-1.15	-31.1	13.8	379	340	-.72	-19.4	18.0	427	300	-1.30	-35.0	23.3
332	130	-1.77	-47.8	18.6	380	0	-.74	-20.0	18.8	428	50	-1.28	-34.6	21.9
333	130	-1.77	-47.7	12.7	381	340	-.81	-21.8	18.3	429	50	-.98	-26.4	24.7
334	290	-1.17	-31.7	20.6	382	10	-.93	-25.1	15.0	430	0	-.94	-22.9	25.3
335	290	-1.08	-29.3	26.5	383	340	-.67	-18.2	15.0	431	320	-.89	-23.2	24.1
336	180	-1.22	-27.2	32.9	384	340	-.85	-23.0	14.2	432	340	-.77	-18.5	20.8
337	90	-1.11	-30.0	27.0	385	40	-.86	-23.3	15.0	433	300	-.92	-25.0	19.2
338	160	-1.15	-31.0	31.1	386	30	-.94	-25.3	14.3	434	300	-1.18	-31.9	14.1
339	310	-1.78	-47.9	21.4	387	30	-.61	-16.6	16.5	435	50	-.95	-25.6	17.1
340	310	-1.86	-50.1	19.3	388	180	-.64	-16.0	17.2	436	320	-.86	-20.9	23.1
341	320	-1.34	-36.3	13.2	389	180	-.59	-15.0	15.8	437	320	-.92	-17.6	24.9
342	330	-1.39	-37.6	9.1	390	140	-.92	-24.8	6.9	438	340	-.87	-18.8	23.5
343	320	-1.22	-33.0	9.6	391	0	-.71	-19.2	18.2	439	150	-.82	-22.3	16.6
344	120	-1.14	-30.8	10.6	392	120	-.66	-17.2	17.8	440	90	-.88	-23.7	17.7
345	130	-1.75	-47.3	11.3	393	350	-.54	-14.5	12.6	441	90	-1.29	-34.9	16.3
346	190	-2.08	-56.0	11.8	394	140	-.52	-14.1	13.9	442	0	-.91	-23.9	24.5

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 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 -----
443	10	.72	-17.4	19.6	805	140	-1.22	-33.0	16.5	908	130	-1.45	-39.2	9.8
444	320	.80	-17.3	21.7	806	120	-1.37	-36.9	21.7	909	90	-2.31	-62.5	.9
445	320	.80	-18.1	21.6	807	40	-.57	-15.5	13.9	910	90	-2.29	-61.9	4.9
446	140	-.79	-21.2	12.5	808	130	-1.38	-37.3	20.5	911	320	-1.57	-42.3	2.5
701	130	-.89	-24.1	18.2	809	140	.65	-14.4	17.6	912	130	-1.57	-42.3	5.5
702	130	-.74	-20.5	19.5	810	130	-1.10	-29.7	16.8	913	140	-1.85	-50.1	6.7
703	140	-.70	-18.9	18.0	811	140	-.55	-14.9	10.2	914	140	-1.23	-33.2	4.2
704	140	-.65	-17.5	14.9	901	280	-1.94	-52.5	9.0	915	120	-1.57	-42.4	13.5
705	140	-.68	-18.3	8.5	902	270	-2.38	-64.3	8.2	916	190	-1.22	-32.9	15.3
706	340	-.87	-23.6	7.1	903	180	-1.66	-44.7	7.4	3651	350	-1.95	-52.7	7.6
801	130	-.66	-17.9	15.4	904	330	-1.47	-39.7	6.9	3652	350	-2.39	-64.4	8.6
802	40	-.99	-26.8	20.9	905	340	-1.64	-44.4	4.3	3653	30	-2.52	-67.9	7.0
803	40	-.86	-23.1	16.0	906	320	-1.11	-29.8	18.3	3654	330	-2.89	-78.1	5.2
804	250	-.63	-17.0	16.2	907	320	-1.23	-33.3	20.1	3655	330	-.94	-25.3	8.0

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 PSF

* * 15 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
365	0	-2.97	-80.2	7.1
3654	330	-2.89	-78.1	5.2
3653	30	-2.52	-67.9	7.0
3652	350	-2.39	-64.4	8.6
902	270	-2.38	-64.3	8.2
146	330	-2.35	-63.4	34.7
159	320	-2.34	-63.1	25.9
909	90	-2.31	-62.5	.9
307	310	-2.31	-62.4	26.7
133	330	-2.29	-62.0	25.4
910	90	-2.29	-61.9	4.9
120	300	-2.28	-61.5	24.9
113	120	-2.28	-61.5	23.3
180	120	-2.22	-60.0	14.2
158	320	-2.17	-58.7	23.8

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 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 -----
146	332	-2.29	-61.9	26.5	902	266	-2.18	-58.8	8.7	3653	344	-2.76	-74.4	.1
365	328	-2.63	-71.0	-.7	3652	356	-2.46	-66.5	1.5	3654	326	-3.68	-99.3	1.9

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

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
REFERENCE PRESSURE = 27.0 PSF

* * 6 GREATEST PRESSURE COEFFICIENT MAGNITUDES * *

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
3654	326	-3.68	-99.3	1.9
3653	344	-2.76	-74.4	.1
365	328	-2.63	-71.0	-.7
3652	356	-2.46	-66.5	1.5
146	332	-2.29	-61.9	26.5
902	266	-2.18	-58.8	8.7

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF
REF. PRESSURE = 27.0 PSF

TAP	AZIMUTH	A CONFIG. PSF LOAD	AZIMUTH	B CONFIG. PSF LOAD
3653	30	-67.9	344	-74.4
3654	330	-78.1	326	-99.3

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
 CONFIGURATION A REFERENCE PRESSURE 27.0 GUST FACTOR 1.32
 ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (%)	
	X	Y	X	Y	Z	X	Y
0	-959.8	-999.3	177.0	-178.0	27.7	-19	-18
10	-1090.2	-960.7	167.0	-201.5	24.5	-14	-16
20	-1211.7	-909.9	154.3	-221.7	23.0	-12	-16
30	-1303.0	-889.6	144.5	-236.3	23.6	-11	-16
40	-1109.3	-663.9	102.6	-200.1	18.0	-9	-15
50	-749.2	-359.1	52.1	-133.9	7.7	-5	-11
60	-501.8	-45.1	9.8	-93.8	-2.7	1	7
70	-400.0	208.5	-30.5	-80.7	-7.7	-10	20
80	-368.0	259.1	-41.6	-76.3	-6.9	-11	16
90	-271.7	510.6	-87.5	-61.4	1.1	2	-1
100	-36.8	711.0	-126.1	-24.8	15.8	29	-1
110	423.7	852.0	-156.0	55.8	33.3	40	20
120	871.5	1025.9	-194.9	139.2	47.3	35	29
130	931.1	1167.1	-229.6	150.4	49.6	34	27
140	829.9	1135.6	-228.5	134.8	45.8	34	25
150	733.9	1080.4	-218.4	119.4	40.4	33	22
160	663.7	1022.4	-205.5	111.5	37.2	33	21
170	589.3	808.3	-168.1	101.2	33.8	35	26
180	609.7	707.0	-152.0	113.8	32.0	34	29
190	117.0	286.1	-72.8	26.3	26.9	104	42
200	27.7	2.5	-12.7	7.7	24.9	104	1152
210	-13.1	-18.6	-5.7	-5	20.8	-963	-681
220	-19.6	-30.8	-2.1	1	22.0	-657	-419
230	6.6	-55.9	1.0	5.2	27.7	-630	75
240	-2.1	-31.5	-5.7	3.1	29.7	-1211	-82
250	-23.6	-45.3	-2.0	1.7	31.1	-697	-363
260	33.1	-44.1	-8	14.8	31.2	-584	438
270	113.6	-122.6	18.5	30.4	29.4	-166	154
280	85.1	-197.4	36.5	25.4	26.7	-147	63
290	50.1	-294.4	58.3	18.7	29.6	-126	21
300	69.6	-281.9	55.7	19.8	33.3	-144	35
310	8.0	-369.5	69.1	1.0	39.8	-139	3
320	-213.0	-763.4	139.8	-41.1	43.1	-68	-19
330	-457.8	-929.8	168.3	-86.1	43.7	-49	-24
340	-663.4	-1014.5	182.9	-123.7	40.5	-36	-24
350	-841.4	-1026.4	184.2	-156.8	34.2	-26	-21

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 0° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (X)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-21.6	-26.8	1659	1110	-13.0	-24.2	-27	-21	-959.8	-999.3	177.0	-178.0	27.7
2ND	19.25	-16.0	-21.2	1178	839	-13.6	-25.3	-27	-21	-938.2	-972.5	158.1	-159.7	26.8
3RD	31.50	-19.8	-24.9	1283	944	-15.4	-26.4	-24	-19	-922.2	-951.3	146.3	-148.3	26.1
4TH	43.75	-19.4	-25.0	1283	944	-15.1	-26.5	-25	-19	-902.5	-926.4	134.8	-137.1	25.4
5TH	56.00	-25.0	-30.7	1526	1323	-16.4	-23.2	-23	-19	-883.1	-901.4	123.6	-126.2	24.6
6TH	68.25	-34.6	-39.4	1888	1888	-18.3	-20.9	-22	-19	-858.1	-870.7	112.7	-115.5	23.7
7TH	80.50	-35.6	-39.9	1888	1888	-18.9	-21.1	-22	-20	-823.5	-831.3	102.3	-105.2	22.5
8TH	92.75	-36.4	-40.4	1888	1888	-19.3	-21.4	-21	-19	-787.9	-791.4	92.4	-95.4	21.2
9TH	105.00	-37.2	-40.9	1888	1888	-19.7	-21.6	-20	-19	-751.5	-751.0	82.9	-85.9	20.0
10TH	117.25	-38.0	-41.3	1888	1888	-20.1	-21.9	-20	-18	-714.3	-710.2	74.0	-77.0	18.9
11TH	129.50	-38.8	-41.8	1888	1888	-20.6	-22.2	-19	-18	-676.3	-668.8	65.5	-68.4	17.7
12TH	141.75	-39.6	-42.1	1888	1888	-21.0	-22.3	-18	-17	-637.5	-627.0	57.6	-60.4	16.5
13TH	154.00	-40.2	-42.2	1888	1888	-21.3	-22.4	-18	-17	-597.9	-584.9	50.2	-52.8	15.4
14TH	166.25	-40.9	-42.4	1888	1888	-21.7	-22.4	-17	-16	-557.6	-542.6	43.3	-45.7	14.3
15TH	178.50	-41.6	-42.5	1888	1888	-22.0	-22.5	-16	-16	-516.7	-500.3	36.9	-39.2	13.2
16TH	190.75	-42.2	-42.6	1888	1888	-22.4	-22.6	-16	-16	-475.1	-457.8	31.0	-33.1	12.2
17TH	203.00	-42.9	-42.7	1888	1888	-22.7	-22.6	-15	-15	-432.9	-415.2	25.7	-27.5	11.1
18TH	215.25	-43.3	-42.7	1888	1888	-23.0	-22.6	-14	-15	-390.0	-372.4	20.8	-22.5	10.1
19TH	227.50	-42.9	-42.3	1888	1888	-22.7	-22.4	-14	-14	-346.6	-329.7	16.5	-18.0	9.2
20TH	239.75	-42.5	-41.9	1888	1888	-22.5	-22.2	-14	-14	-303.7	-287.5	12.8	-14.0	8.2
21ST	252.00	-42.1	-41.4	1888	1888	-22.3	-21.9	-14	-14	-261.2	-245.6	9.5	-10.5	7.3
22ND	264.25	-41.6	-41.0	1888	1888	-22.1	-21.7	-14	-14	-219.1	-204.2	6.7	-7.6	6.4
23RD	276.50	-41.2	-40.6	1888	1888	-21.8	-21.5	-13	-14	-177.5	-163.2	4.5	-5.2	5.5
24TH	288.75	-39.4	-38.4	1888	1888	-20.9	-20.3	-14	-15	-136.3	-122.6	2.7	-3.2	4.7
25TH	301.00	-36.3	-34.3	1888	1888	-19.2	-18.2	-17	-18	-96.9	-84.2	1.5	-1.8	3.8

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									-60.6	-49.9	.6	-.8	2.8
PENT	327.75	-37.1	-33.4	2200	2200	-16.9	-15.2	-22	-25	-23.5	-16.5	.2	-.2	1.5
TOP	347.75	-23.5	-16.5	2310	2310	-10.2	-7.1	-39	-55	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :

PLAZA OF THE AMERICAS, EAST TOWER, DALLAS

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
GRND	0.00									-1090.2	-960.7	167.0	-201.5	24.5
2ND	19.25	-24.7	-26.7	1659	1110	-14.9	-24.1	-21	-19	-1065.4	-934.0	148.7	-180.7	23.7
3RD	31.50	-18.4	-21.1	1178	839	-15.6	-25.1	-22	-19	-1047.1	-913.0	137.4	-167.8	23.1
4TH	43.75	-22.4	-24.8	1283	944	-17.4	-26.3	-19	-17	-1024.7	-888.1	126.4	-155.1	22.4
5TH	56.00	-22.5	-25.2	1283	944	-17.5	-26.7	-20	-18	-1002.3	-862.9	115.7	-142.7	21.7
6TH	68.25	-28.9	-31.4	1526	1323	-18.9	-23.8	-19	-17	-973.4	-831.5	105.3	-130.6	20.9
7TH	80.50	-39.7	-40.5	1888	1888	-21.0	-21.4	-18	-18	-933.7	-791.0	95.4	-118.9	19.8
8TH	92.75	-40.9	-40.7	1888	1888	-21.7	-21.5	-18	-18	-892.8	-750.3	85.9	-107.7	18.6
9TH	105.00	-41.8	-40.9	1888	1888	-22.2	-21.6	-17	-17	-851.0	-709.5	77.0	-97.0	17.5
10TH	117.25	-42.9	-41.0	1888	1888	-22.7	-21.7	-16	-17	-808.1	-668.4	68.5	-86.9	16.5
11TH	129.50	-43.9	-41.2	1888	1888	-23.3	-21.8	-16	-17	-764.2	-627.2	60.6	-77.2	15.4
12TH	141.75	-44.9	-41.4	1888	1888	-23.8	-21.9	-15	-16	-719.3	-585.8	53.2	-68.2	14.4
13TH	154.00	-45.5	-41.2	1888	1888	-24.1	-21.8	-14	-16	-673.8	-544.6	46.2	-59.6	13.4
14TH	166.25	-45.9	-41.0	1888	1888	-24.3	-21.7	-14	-15	-627.9	-503.6	39.8	-51.7	12.4
15TH	178.50	-46.3	-40.7	1888	1888	-24.5	-21.5	-13	-15	-581.6	-462.9	33.9	-44.2	11.5
16TH	190.75	-46.7	-40.4	1888	1888	-24.7	-21.4	-12	-14	-534.9	-422.5	28.5	-37.4	10.6
17TH	203.00	-47.1	-40.1	1888	1888	-24.9	-21.3	-12	-14	-487.9	-382.4	23.5	-31.1	9.7
18TH	215.25	-47.5	-39.8	1888	1888	-25.1	-21.1	-11	-13	-440.4	-342.6	19.1	-25.5	8.9
19TH	227.50	-47.8	-39.6	1888	1888	-25.3	-21.0	-10	-13	-392.6	-303.0	15.2	-20.4	8.1
20TH	239.75	-47.8	-39.1	1888	1888	-25.3	-20.7	-10	-13	-344.8	-263.9	11.7	-15.8	7.3
21ST	252.00	-47.8	-38.7	1888	1888	-25.3	-20.5	-10	-13	-297.0	-225.2	8.7	-11.9	6.5
22ND	264.25	-47.7	-38.3	1888	1888	-25.3	-20.3	-10	-12	-249.3	-186.9	6.2	-8.6	5.8
23RD	276.50	-47.7	-37.9	1888	1888	-25.3	-20.1	-10	-12	-201.6	-149.0	4.1	-5.8	5.0
24TH	288.75	-47.6	-37.5	1888	1888	-25.2	-19.8	-10	-12	-154.0	-111.6	2.5	-3.6	4.3
25TH	301.00	-45.5	-35.1	1888	1888	-24.1	-18.6	-11	-14	-108.5	-76.5	1.4	-2.0	3.5
		-41.3	-30.9	1888	1888	-21.9	-16.4	-14	-18					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-41.5	-29.7	2200	2200	-18.9	-13.5	-18	-25	-67.3	-45.6	.6	-.9	2.6
PENT	327.75	-25.8	-15.9	2310	2310	-11.2	-6.9	-31	-51	-25.8	-15.9	.2	-.3	1.4
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-1211.7	-909.9	154.3	-221.7	23.0
2ND	19.25	-28.9	-27.0	1659	1110	-17.4	-24.3	-15	-16	-1182.7	-882.9	137.1	-198.6	22.3
3RD	31.50	-21.5	-21.4	1178	839	-18.2	-25.5	-16	-16	-1161.3	-861.5	126.4	-184.3	21.7
4TH	43.75	-26.0	-25.1	1283	944	-20.3	-26.6	-15	-15	-1135.3	-836.4	116.0	-170.2	21.2
5TH	56.00	-26.3	-25.5	1283	944	-20.5	-27.0	-15	-15	-1109.0	-810.9	105.9	-156.4	20.5
6TH	68.25	-33.4	-31.7	1526	1323	-21.9	-24.0	-15	-16	-1075.6	-779.2	96.2	-143.1	19.8
7TH	80.50	-45.5	-40.7	1888	1888	-24.1	-21.5	-15	-16	-1030.1	-738.5	86.9	-130.2	18.7
8TH	92.75	-46.7	-40.6	1888	1888	-24.8	-21.5	-14	-17	-983.3	-697.9	78.1	-117.8	17.7
9TH	105.00	-47.4	-40.6	1888	1888	-25.1	-21.5	-14	-16	-935.9	-657.3	69.8	-106.1	16.7
10TH	117.25	-48.4	-40.5	1888	1888	-25.7	-21.5	-13	-16	-887.5	-616.8	62.0	-94.9	15.7
11TH	129.50	-49.5	-40.5	1888	1888	-26.2	-21.4	-12	-15	-838.0	-576.3	54.6	-84.3	14.7
12TH	141.75	-50.5	-40.4	1888	1888	-26.7	-21.4	-12	-15	-787.5	-535.9	47.8	-74.4	13.7
13TH	154.00	-50.8	-39.8	1888	1888	-26.9	-21.1	-11	-15	-736.8	-496.0	41.5	-65.1	12.8
14TH	166.25	-50.9	-39.2	1888	1888	-27.0	-20.8	-11	-14	-685.8	-456.8	35.7	-56.3	11.9
15TH	178.50	-51.1	-38.5	1888	1888	-27.0	-20.4	-10	-14	-634.8	-418.3	30.3	-48.3	11.1
16TH	190.75	-51.2	-37.8	1888	1888	-27.1	-20.0	-10	-13	-583.6	-380.5	25.4	-40.8	10.3
17TH	203.00	-51.3	-37.2	1888	1888	-27.2	-19.7	-9	-13	-532.2	-343.3	21.0	-34.0	9.5
18TH	215.25	-51.5	-36.5	1888	1888	-27.3	-19.3	-9	-13	-480.8	-306.8	17.0	-27.8	8.7
19TH	227.50	-51.7	-35.9	1888	1888	-27.4	-19.0	-9	-12	-429.1	-270.9	13.5	-22.2	8.0
20TH	239.75	-51.9	-35.4	1888	1888	-27.5	-18.8	-8	-12	-377.2	-235.5	10.4	-17.2	7.2
21ST	252.00	-52.1	-34.9	1888	1888	-27.6	-18.5	-8	-12	-325.1	-200.5	7.7	-12.9	6.5
22ND	264.25	-52.2	-34.4	1888	1888	-27.7	-18.2	-8	-12	-272.9	-166.1	5.5	-9.3	5.8
23RD	276.50	-52.4	-33.9	1888	1888	-27.8	-18.0	-8	-12	-220.4	-132.2	3.6	-6.3	5.1
24TH	288.75	-52.6	-33.4	1888	1888	-27.9	-17.7	-8	-12	-167.8	-98.8	2.2	-3.9	4.4
25TH	301.00	-50.4	-31.1	1888	1888	-26.7	-16.5	-9	-14	-117.5	-67.7	1.2	-2.1	3.7
		-45.7	-27.5	1888	1888	-24.2	-14.6	-11	-19					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-45.8	-26.4	2200	2200	-20.8	-12.0	-15	-27	-71.8	-40.2	.5	-1.0	2.7
PENT	327.75	-25.9	-13.9	2310	2310	-11.2	-6.0	-30	-57	-25.9	-13.9	.1	-.3	1.5
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	-33.6	-30.8	1659	1110	-20.3	-27.8	-14	-15	-1303.6	-889.6	144.5	-236.3	23.6
2ND	19.25	-24.2	-24.1	1178	839	-20.6	-28.7	-15	-15	-1269.4	-858.7	127.6	-211.5	22.9
3RD	31.50	-29.2	-28.0	1283	944	-22.7	-29.6	-13	-14	-1245.2	-834.6	117.3	-196.1	22.3
4TH	43.75	-30.0	-28.5	1283	944	-23.4	-30.2	-13	-14	-1216.0	-806.7	107.2	-181.1	21.7
5TH	56.00	-38.4	-34.6	1526	1323	-25.2	-26.1	-13	-15	-1186.0	-778.2	97.5	-166.3	21.1
6TH	68.25	-51.1	-42.8	1888	1888	-27.1	-22.7	-14	-16	-1147.5	-743.6	88.2	-152.1	20.3
7TH	80.50	-51.5	-42.3	1888	1888	-27.3	-22.4	-13	-16	-1096.5	-700.8	79.3	-138.3	19.2
8TH	92.75	-51.9	-41.9	1888	1888	-27.5	-22.2	-12	-15	-1044.9	-658.5	71.0	-125.2	18.1
9TH	105.00	-52.4	-41.5	1888	1888	-27.8	-22.0	-12	-15	-993.1	-616.6	63.2	-112.7	17.1
10TH	117.25	-53.0	-41.1	1888	1888	-28.1	-21.7	-11	-14	-940.6	-575.1	55.9	-100.9	16.1
11TH	129.50	-53.6	-40.6	1888	1888	-28.4	-21.5	-11	-14	-887.6	-534.0	49.1	-89.7	15.2
12TH	141.75	-53.7	-39.7	1888	1888	-28.5	-21.0	-10	-14	-834.1	-493.4	42.8	-79.1	14.3
13TH	154.00	-53.8	-38.6	1888	1888	-28.5	-20.5	-10	-13	-780.4	-453.7	37.0	-69.2	13.4
14TH	166.25	-53.9	-37.5	1888	1888	-28.6	-19.9	-9	-13	-726.5	-415.1	31.7	-60.0	12.5
15TH	178.50	-54.0	-36.5	1888	1888	-28.6	-19.3	-9	-13	-672.6	-377.6	26.8	-51.4	11.7
16TH	190.75	-54.1	-35.4	1888	1888	-28.7	-18.8	-8	-13	-618.6	-341.1	22.4	-43.5	10.9
17TH	203.00	-54.2	-34.4	1888	1888	-28.7	-18.2	-8	-13	-564.5	-305.7	18.5	-36.3	10.2
18TH	215.25	-54.4	-33.3	1888	1888	-28.8	-17.6	-8	-12	-510.2	-271.3	14.9	-29.7	9.4
19TH	227.50	-54.5	-32.3	1888	1888	-28.9	-17.1	-8	-13	-455.9	-238.0	11.8	-23.8	8.7
20TH	239.75	-54.7	-31.3	1888	1888	-29.0	-16.6	-7	-13	-401.4	-205.7	9.1	-18.5	8.0
21ST	252.00	-54.9	-30.3	1888	1888	-29.1	-16.0	-7	-13	-346.7	-174.4	6.8	-13.9	7.2
22ND	264.25	-55.1	-29.2	1888	1888	-29.2	-15.5	-7	-14	-291.8	-144.2	4.8	-10.0	6.5
23RD	276.50	-55.2	-28.2	1888	1888	-29.3	-14.9	-7	-14	-236.7	-115.0	3.2	-6.8	5.8
24TH	288.75	-53.4	-26.3	1888	1888	-28.3	-13.9	-8	-16	-181.5	-86.8	2.0	-4.2	5.0
25TH	301.00	-49.1	-23.7	1888	1888	-26.0	-12.6	-11	-22	-128.1	-60.4	1.1	-2.3	4.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									-79.0	-36.7	.5	-1.1	3.2
PENT	327.75	-50.0	-23.5	2200	2200	-22.7	-10.7	-14	-30	-29.0	-13.2	.1	-.3	1.7
TOP	347.75	-29.0	-13.2	2310	2310	-12.6	-5.7	-29	-63	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 40° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-32.0	-26.2	1659	1110	-19.3	-23.6	-10	-12	-1109.3	-663.9	102.6	-200.1	18.0
2ND	19.25	-22.6	-20.8	1178	839	-19.2	-24.8	-11	-12	-1077.3	-637.7	90.0	-179.1	17.5
3RD	31.50	-26.2	-23.8	1283	944	-20.4	-25.2	-10	-11	-1054.6	-616.9	82.3	-166.0	17.1
4TH	43.75	-26.9	-24.3	1283	944	-21.0	-25.7	-10	-12	-1028.5	-593.1	74.9	-153.3	16.7
5TH	56.00	-34.1	-29.0	1526	1323	-22.3	-21.9	-11	-13	-1001.6	-568.8	67.8	-140.8	16.3
6TH	68.25	-43.9	-34.9	1888	1888	-23.2	-18.5	-12	-15	-967.5	-539.8	61.0	-128.8	15.7
7TH	80.50	-43.4	-34.1	1888	1888	-23.0	-18.1	-11	-14	-923.6	-504.9	54.6	-117.2	14.9
8TH	92.75	-43.6	-33.4	1888	1888	-23.1	-17.7	-10	-13	-880.2	-470.8	48.6	-106.1	14.1
9TH	105.00	-43.9	-32.6	1888	1888	-23.3	-17.3	-10	-13	-836.6	-437.4	43.1	-95.6	13.4
10TH	117.25	-44.3	-31.9	1888	1888	-23.5	-16.9	-9	-13	-792.7	-404.8	37.9	-85.6	12.7
11TH	129.50	-44.6	-31.1	1888	1888	-23.6	-16.5	-8	-12	-748.4	-372.9	33.2	-76.2	12.1
12TH	141.75	-44.8	-30.1	1888	1888	-23.7	-15.9	-8	-12	-703.7	-341.8	28.8	-67.3	11.4
13TH	154.00	-44.8	-28.8	1888	1888	-23.7	-15.3	-8	-12	-659.0	-311.7	24.8	-59.0	10.8
14TH	166.25	-44.9	-27.6	1888	1888	-23.8	-14.6	-7	-12	-614.1	-282.9	21.1	-51.2	10.2
15TH	178.50	-44.9	-26.4	1888	1888	-23.8	-14.0	-7	-12	-569.3	-255.3	17.8	-43.9	9.7
16TH	190.75	-45.0	-25.1	1888	1888	-23.8	-13.3	-7	-12	-524.3	-228.9	14.9	-37.2	9.1
17TH	203.00	-45.0	-23.9	1888	1888	-23.9	-12.7	-6	-12	-479.4	-203.8	12.2	-31.1	8.5
18TH	215.25	-45.2	-22.7	1888	1888	-23.9	-12.0	-6	-12	-434.3	-179.9	9.9	-25.5	8.0
19TH	227.50	-45.6	-21.8	1888	1888	-24.2	-11.6	-6	-13	-389.2	-157.2	7.8	-20.4	7.4
20TH	239.75	-46.1	-20.9	1888	1888	-24.4	-11.1	-6	-14	-343.6	-135.4	6.0	-15.9	6.9
21ST	252.00	-46.5	-20.0	1888	1888	-24.6	-10.6	-6	-14	-297.5	-114.5	4.5	-12.0	6.3
22ND	264.25	-47.0	-19.0	1888	1888	-24.9	-10.1	-6	-15	-251.0	-94.6	3.2	-8.7	5.7
23RD	276.50	-47.4	-18.1	1888	1888	-25.1	-9.6	-6	-16	-204.0	-75.5	2.2	-5.9	5.0
24TH	288.75	-46.1	-16.8	1888	1888	-24.4	-8.9	-7	-18	-156.5	-57.4	1.4	-3.7	4.4
25TH	301.00	-42.2	-15.3	1888	1888	-22.4	-8.1	-8	-23	-110.5	-40.6	.8	-2.0	3.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									-68.2	-25.2	.4	-.9	2.8
PENT	327.75	-42.8	-15.3	2200	2200	-19.5	-7.0	-11	-32	-25.4	-9.9	.1	-.3	1.6
TOP	347.75	-25.4	-9.9	2310	2310	-11.0	-4.3	-27	-70	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-24.2	-14.5	1659	1110	-14.6	-13.0	-0	-0	-749.2	-359.1	52.1	-133.9	7.7
2ND	19.25	-16.2	-12.4	1178	839	-13.8	-14.8	-2	-3	-725.1	-344.6	45.4	-119.7	7.6
3RD	31.50	-18.4	-14.2	1283	944	-14.3	-15.0	-2	-3	-708.8	-332.2	41.2	-110.9	7.6
4TH	43.75	-19.0	-15.0	1283	944	-14.8	-15.9	-2	-3	-690.4	-318.1	37.2	-102.3	7.5
5TH	56.00	-22.6	-17.9	1526	1323	-14.8	-13.5	-4	-5	-671.5	-303.0	33.4	-94.0	7.5
6TH	68.25	-28.2	-20.8	1888	1888	-14.9	-11.0	-6	-8	-648.9	-285.2	29.8	-85.9	7.3
7TH	80.50	-29.0	-20.4	1888	1888	-15.4	-10.8	-6	-9	-620.7	-264.4	26.5	-78.1	7.0
8TH	92.75	-29.4	-20.0	1888	1888	-15.6	-10.6	-6	-9	-591.6	-244.0	23.4	-70.7	6.7
9TH	105.00	-29.8	-19.6	1888	1888	-15.8	-10.4	-6	-8	-562.2	-224.0	20.5	-63.6	6.4
10TH	117.25	-30.1	-19.1	1888	1888	-16.0	-10.1	-5	-8	-532.4	-204.4	17.9	-56.9	6.2
11TH	129.50	-30.5	-18.7	1888	1888	-16.1	-9.9	-5	-7	-502.3	-185.3	15.5	-50.6	5.9
12TH	141.75	-30.6	-17.7	1888	1888	-16.2	-9.4	-4	-8	-471.8	-166.6	13.3	-44.6	5.7
13TH	154.00	-30.5	-16.4	1888	1888	-16.2	-8.7	-4	-8	-441.2	-148.8	11.4	-39.0	5.4
14TH	166.25	-30.5	-15.2	1888	1888	-16.2	-8.0	-4	-9	-410.7	-132.4	9.7	-33.8	5.2
15TH	178.50	-30.5	-13.9	1888	1888	-16.1	-7.3	-4	-9	-380.2	-117.2	8.1	-29.0	4.9
16TH	190.75	-30.4	-12.6	1888	1888	-16.1	-6.7	-4	-10	-349.7	-103.3	6.8	-24.5	4.7
17TH	203.00	-30.4	-11.3	1888	1888	-16.1	-6.0	-4	-10	-319.2	-90.8	5.6	-20.4	4.4
18TH	215.25	-30.5	-10.1	1888	1888	-16.2	-5.4	-4	-11	-288.8	-79.5	4.6	-16.7	4.1
19TH	227.50	-30.8	-9.5	1888	1888	-16.3	-5.1	-3	-10	-258.3	-69.3	3.6	-13.3	3.8
20TH	239.75	-31.1	-8.9	1888	1888	-16.5	-4.7	-3	-10	-227.5	-59.8	2.8	-10.4	3.6
21ST	252.00	-31.5	-8.3	1888	1888	-16.7	-4.4	-3	-10	-196.4	-50.9	2.2	-7.8	3.3
22ND	264.25	-31.8	-7.7	1888	1888	-16.8	-4.1	-2	-10	-164.9	-42.6	1.6	-5.5	3.0
23RD	276.50	-32.1	-7.1	1888	1888	-17.0	-3.8	-2	-10	-133.1	-34.9	1.1	-3.7	2.8
24TH	288.75	-31.1	-6.7	1888	1888	-16.5	-3.6	-3	-12	-101.0	-27.7	.7	-2.3	2.5
25TH	301.00	-27.9	-6.7	1888	1888	-14.8	-3.5	-5	-19	-69.9	-21.0	.4	-1.2	2.2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25													
		-27.2	-7.3	2200	2200	-12.4	-3.3	-8	-31	-42.0	-14.3	.2	-.6	1.8
PENT	327.75													
		-14.8	-7.1	2310	2310	-6.4	-3.1	-37	-77	-14.8	-7.1	.1	-.1	1.1
TOP	347.75													
										0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-501.8	-45.1	9.8	-93.8	-2.7
2ND	19.25	-16.5	.8	1659	1110	-10.0	.8	-2	41	-485.3	-45.9	9.0	-84.3	-2.2
3RD	31.50	-10.4	-.9	1178	839	-8.8	-1.0	4	42	-474.9	-45.0	8.4	-78.5	-1.9
4TH	43.75	-10.4	-1.4	1283	944	-8.1	-1.5	5	40	-464.6	-43.6	7.9	-72.7	-1.5
5TH	56.00	-10.8	-2.2	1283	944	-8.5	-2.4	7	36	-453.7	-41.4	7.3	-67.1	-1.2
6TH	68.25	-12.0	-2.8	1526	1323	-7.8	-2.2	7	29	-441.7	-38.6	6.9	-61.6	-.9
7TH	80.50	-14.0	-2.4	1888	1888	-7.4	-1.3	3	17	-427.8	-36.2	6.4	-56.3	-.7
8TH	92.75	-15.5	-1.8	1888	1888	-8.2	-1.0	1	9	-412.3	-34.4	6.0	-51.1	-.6
9TH	105.00	-16.4	-1.2	1888	1888	-8.7	-.6	0	7	-395.9	-33.2	5.5	-46.2	-.5
10TH	117.25	-17.1	-.6	1888	1888	-9.0	-.3	0	5	-378.8	-32.5	5.1	-41.4	-.5
11TH	129.50	-17.7	-.1	1888	1888	-9.4	-.0	0	4	-361.1	-32.5	4.7	-36.9	-.4
12TH	141.75	-18.4	.5	1888	1888	-9.8	.3	-0	3	-342.7	-33.0	4.3	-32.6	-.4
13TH	154.00	-19.3	.3	1888	1888	-10.2	.2	-0	2	-323.4	-33.3	3.9	-28.5	-.3
14TH	166.25	-20.1	-.1	1888	1888	-10.6	-.0	0	2	-303.3	-33.2	3.5	-24.7	-.3
15TH	178.50	-20.8	-.5	1888	1888	-11.0	-.2	0	2	-282.5	-32.8	3.1	-21.1	-.3
16TH	190.75	-21.6	-.8	1888	1888	-11.4	-.4	0	2	-260.9	-31.9	2.7	-17.8	-.2
17TH	203.00	-22.4	-1.2	1888	1888	-11.9	-.6	0	2	-238.5	-30.7	2.3	-14.7	-.2
18TH	215.25	-23.1	-1.6	1888	1888	-12.3	-.9	0	2	-215.4	-29.1	2.0	-11.9	-.1
19TH	227.50	-23.8	-2.0	1888	1888	-12.6	-1.0	0	3	-191.5	-27.1	1.6	-9.4	-.1
20TH	239.75	-24.0	-2.2	1888	1888	-12.7	-1.2	0	3	-167.5	-24.9	1.3	-7.2	-.0
21ST	252.00	-24.3	-2.5	1888	1888	-12.9	-1.3	0	4	-143.2	-22.4	1.0	-5.3	.1
22ND	264.25	-24.5	-2.8	1888	1888	-13.0	-1.5	1	5	-118.7	-19.6	.8	-3.7	.2
23RD	276.50	-24.7	-3.0	1888	1888	-13.1	-1.6	1	6	-94.1	-16.6	.6	-2.4	.3
24TH	288.75	-24.9	-3.3	1888	1888	-13.2	-1.8	1	7	-69.1	-13.3	.4	-1.4	.4
25TH	301.00	-23.7	-3.2	1888	1888	-12.5	-1.7	1	7	-45.5	-10.0	.2	-.7	.6
		-20.6	-3.0	1888	1888	-10.9	-1.6	0	3					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									-24.9	-7.0	.1	-.3	.6
PENT	327.75	-10.9	-3.0	2200	2200	-8.6	-1.4	-1	-4	-6.0	-4.0	.0	-.1	.5
TOP	347.75	-6.0	-4.0	2310	2310	-2.6	-1.7	-54	-81	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-400.0	208.5	-30.5	-80.7	-7.7
2ND	19.25	-9.5	10.9	1659	1110	-5.7	9.9	-51	45	-390.5	197.6	-26.6	-73.1	-6.9
3RD	31.50	-6.7	7.0	1178	839	-5.7	8.3	-52	50	-383.7	190.7	-24.2	-68.4	-6.4
4TH	43.75	-6.5	6.9	1283	944	-5.1	7.3	-53	50	-377.2	183.7	-22.0	-63.7	-5.9
5TH	56.00	-7.2	6.2	1283	944	-5.6	6.5	-47	55	-370.0	177.6	-19.7	-59.2	-5.3
6TH	68.25	-6.9	8.3	1526	1323	-4.5	6.3	-45	37	-363.1	169.3	-17.6	-54.7	-4.8
7TH	80.50	-6.3	12.3	1888	1888	-3.3	6.5	-33	17	-356.9	157.0	-15.6	-50.3	-4.4
8TH	92.75	-7.7	12.1	1888	1888	-4.1	6.4	-27	17	-349.1	144.9	-13.8	-45.9	-4.1
9TH	105.00	-9.1	12.0	1888	1888	-4.8	6.3	-22	17	-340.0	132.9	-12.1	-41.7	-3.8
10TH	117.25	-10.4	11.8	1888	1888	-5.5	6.3	-18	16	-329.6	121.1	-10.5	-37.6	-3.5
11TH	129.50	-11.7	11.6	1888	1888	-6.2	6.2	-14	14	-317.9	109.5	-9.1	-33.6	-3.2
12TH	141.75	-13.0	11.5	1888	1888	-6.9	6.1	-11	13	-304.9	98.0	-7.8	-29.8	-3.0
13TH	154.00	-14.4	10.8	1888	1888	-7.6	5.7	-9	13	-290.5	87.2	-6.7	-26.2	-2.8
14TH	166.25	-15.7	9.8	1888	1888	-8.3	5.2	-8	13	-274.8	77.4	-5.7	-22.7	-2.6
15TH	178.50	-16.9	8.9	1888	1888	-9.0	4.7	-7	13	-257.9	68.5	-4.8	-19.5	-2.3
16TH	190.75	-18.2	8.0	1888	1888	-9.6	4.2	-5	12	-239.7	60.5	-4.0	-16.4	-2.1
17TH	203.00	-19.5	7.0	1888	1888	-10.3	3.7	-4	12	-220.3	53.5	-3.3	-13.6	-1.9
18TH	215.25	-20.7	6.1	1888	1888	-11.0	3.2	-3	12	-199.5	47.4	-2.7	-11.0	-1.7
19TH	227.50	-21.8	5.4	1888	1888	-11.5	2.9	-3	11	-177.8	42.0	-2.1	-8.7	-1.5
20TH	239.75	-22.1	5.3	1888	1888	-11.7	2.8	-3	12	-155.6	36.6	-1.7	-6.7	-1.3
21ST	252.00	-22.4	5.3	1888	1888	-11.9	2.8	-3	13	-133.2	31.4	-1.2	-4.9	-1.1
22ND	264.25	-22.8	5.2	1888	1888	-12.1	2.8	-3	14	-110.4	26.2	-.9	-3.4	-.8
23RD	276.50	-23.1	5.1	1888	1888	-12.3	2.7	-3	15	-87.3	21.0	-.6	-2.2	-.5
24TH	288.75	-23.5	5.0	1888	1888	-12.4	2.7	-3	15	-63.8	16.0	-.4	-1.3	-.2
25TH	301.00	-22.4	4.9	1888	1888	-11.9	2.6	-3	15	-41.4	11.2	-.2	-.6	.0
		-19.3	4.3	1888	1888	-10.2	2.3	-3	13					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 70° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25													
PENT	327.75	-17.6	4.5	2200	2200	-8.0	2.0	-2	8	-22.1	6.8	-1.1	-1.2	.2
		-4.5	2.3	2310	2310	-1.9	1.0	41	-80	-4.5	2.3	-0	-1.0	.4
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-368.0	259.1	-41.6	-76.3	-6.9
2ND	19.25	-4.3	13.5	1659	1110	-2.6	12.2	-65	21	-363.7	245.6	-36.7	-69.2	-6.2
3RD	31.50	-3.9	8.6	1178	839	-3.3	10.3	-64	29	-359.8	236.9	-33.7	-64.8	-5.6
4TH	43.75	-5.0	8.0	1283	944	-3.9	8.4	-60	38	-354.8	229.0	-30.9	-60.4	-5.1
5TH	56.00	-6.7	6.6	1283	944	-5.2	7.0	-50	51	-348.1	222.4	-28.1	-56.1	-4.6
6TH	68.25	-7.2	8.0	1526	1323	-4.7	6.1	-43	39	-340.9	214.4	-25.4	-51.9	-4.1
7TH	80.50	-6.5	11.8	1888	1888	-3.4	6.2	-33	18	-334.5	202.6	-22.9	-47.8	-3.7
8TH	92.75	-7.4	11.8	1888	1888	-3.9	6.3	-29	18	-327.0	190.8	-20.5	-43.7	-3.3
9TH	105.00	-8.6	11.9	1888	1888	-4.5	6.3	-24	17	-318.5	178.9	-18.2	-39.8	-3.0
10TH	117.25	-9.7	12.0	1888	1888	-5.1	6.3	-19	16	-308.8	166.9	-16.1	-35.9	-2.7
11TH	129.50	-10.8	12.0	1888	1888	-5.7	6.4	-15	14	-298.0	154.9	-14.1	-32.2	-2.5
12TH	141.75	-11.9	12.1	1888	1888	-6.3	6.4	-12	12	-286.1	142.8	-12.3	-28.6	-2.2
13TH	154.00	-13.2	11.7	1888	1888	-7.0	6.2	-10	11	-272.9	131.1	-10.6	-25.2	-2.0
14TH	166.25	-14.4	11.3	1888	1888	-7.6	6.0	-9	11	-258.5	119.8	-9.1	-21.9	-1.8
15TH	178.50	-15.6	10.8	1888	1888	-8.2	5.7	-7	11	-242.9	108.9	-7.7	-18.9	-1.6
16TH	190.75	-16.8	10.4	1888	1888	-8.9	5.5	-6	10	-226.2	98.5	-6.4	-16.0	-1.5
17TH	203.00	-18.0	9.9	1888	1888	-9.5	5.3	-5	9	-208.2	88.6	-5.3	-13.3	-1.3
18TH	215.25	-19.1	9.5	1888	1888	-10.1	5.0	-4	9	-189.1	79.1	-4.3	-10.9	-1.1
19TH	227.50	-20.1	9.2	1888	1888	-10.7	4.9	-4	8	-168.9	69.9	-3.3	-8.7	-1.0
20TH	239.75	-20.3	9.2	1888	1888	-10.7	4.9	-4	9	-149.7	60.7	-2.5	-6.8	-.8
21ST	252.00	-20.5	9.2	1888	1888	-10.8	4.9	-4	10	-128.2	51.5	-1.9	-5.1	-.6
22ND	264.25	-20.6	9.2	1888	1888	-10.9	4.9	-5	11	-107.5	42.4	-1.3	-3.6	-.4
23RD	276.50	-20.8	9.1	1888	1888	-11.0	4.8	-5	12	-86.7	33.2	-.8	-2.4	-.2
24TH	288.75	-21.0	9.1	1888	1888	-11.1	4.8	-6	13	-65.7	24.1	-.5	-1.5	.1
25TH	301.00	-20.2	8.7	1888	1888	-10.7	4.6	-5	12	-45.5	15.4	-.2	-.8	.3
		-17.9	7.4	1888	1888	-9.5	3.9	-3	7					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-17.3	6.9	2200	2200	-7.8	3.1	1	-2	-27.7	8.0	-1.1	-1.4	.4
PENT	327.75	-10.4	1.1	2310	2310	-4.5	.5	5	-42	-10.4	1.1	-1.0	-1.1	.3
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-1.6	17.8	1659	1110	-1.9	16.0	-52	5	-271.7	510.6	-87.5	-61.4	1.1
2ND	19.25	-2.2	11.9	1178	839	-1.9	14.2	-53	10	-270.2	492.8	-77.9	-56.2	1.8
3RD	31.50	-2.6	11.5	1283	944	-2.0	12.2	-52	12	-268.0	480.9	-71.9	-52.9	2.3
4TH	43.75	-3.6	10.3	1283	944	-2.8	10.9	-51	18	-265.4	469.4	-66.1	-49.6	2.8
5TH	56.00	-2.6	14.9	1526	1323	-1.7	11.3	-24	4	-261.8	459.1	-60.4	-46.4	3.2
6TH	68.25	-1.6	23.1	1888	1888	-1.3	12.3	-2	0	-259.2	444.2	-54.9	-43.2	3.5
7TH	80.50	-1.9	23.2	1888	1888	-1.0	12.3	1	-0	-258.6	421.1	-49.6	-40.0	3.6
8TH	92.75	-3.1	23.3	1888	1888	-1.7	12.3	4	-1	-256.7	397.9	-44.5	-36.9	3.5
9TH	105.00	-4.4	23.4	1888	1888	-2.3	12.4	6	-1	-253.6	374.6	-39.8	-33.7	3.5
10TH	117.25	-5.7	23.4	1888	1888	-3.0	12.4	9	-2	-249.2	351.2	-35.4	-30.7	3.4
11TH	129.50	-6.9	23.5	1888	1888	-3.7	12.5	11	-3	-243.5	327.8	-31.2	-27.6	3.2
12TH	141.75	-8.4	23.1	1888	1888	-4.4	12.2	11	-4	-236.6	304.3	-27.3	-24.7	3.0
13TH	154.00	-9.8	22.5	1888	1888	-5.2	11.9	10	-4	-228.2	281.2	-23.8	-21.9	2.8
14TH	166.25	-11.3	21.9	1888	1888	-6.0	11.6	9	-5	-218.4	258.7	-20.4	-19.1	2.5
15TH	178.50	-12.8	21.3	1888	1888	-6.8	11.3	8	-5	-207.1	236.8	-17.4	-16.5	2.4
16TH	190.75	-14.2	20.7	1888	1888	-7.5	11.0	7	-5	-194.3	215.6	-14.6	-14.1	2.2
17TH	203.00	-15.7	20.1	1888	1888	-8.3	10.6	6	-5	-180.1	194.9	-12.1	-11.8	2.0
18TH	215.25	-16.9	19.7	1888	1888	-8.9	10.4	5	-5	-164.4	174.8	-9.9	-9.7	1.9
19TH	227.50	-17.1	19.6	1888	1888	-9.1	10.4	4	-4	-147.6	155.2	-7.8	-7.7	1.7
20TH	239.75	-17.4	19.5	1888	1888	-9.2	10.3	4	-3	-130.4	135.6	-6.1	-6.0	1.6
21ST	252.00	-17.7	19.4	1888	1888	-9.4	10.3	3	-2	-113.0	116.1	-4.5	-4.6	1.5
22ND	264.25	-18.0	19.3	1888	1888	-9.5	10.2	2	-2	-95.3	96.7	-3.2	-3.3	1.4
23RD	276.50	-18.2	19.2	1888	1888	-9.7	10.2	1	-1	-77.4	77.4	-2.1	-2.2	1.4
24TH	288.75	-17.7	18.3	1888	1888	-9.4	9.7	3	-2	-59.1	58.2	-1.3	-1.4	1.3
25TH	301.00	-15.8	16.0	1888	1888	-8.4	8.5	8	-8	-41.5	39.9	-1.7	-1.8	1.3

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (%)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X		X	Y	X	Y	X	Y	Z
26TH	313.25	-15.8	15.2	2200	2200	-7.2	6.9	17	-17	-25.6	24.0	-.3	-.4	1.1
PENT	327.75	-9.8	8.8	2310	2310	-4.3	3.8	43	-49	-9.8	8.8	-.1	-.1	.7
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 100° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-36.8	711.0	-126.1	-24.8	15.8
2ND	19.25	8.1	21.0	1659	1110	4.9	18.9	-24	-9	-44.9	690.0	-112.6	-24.1	16.2
3RD	31.50	6.4	13.4	1178	839	5.4	15.9	-16	-8	-51.2	676.6	-104.2	-23.5	16.4
4TH	43.75	7.1	13.6	1283	944	5.5	14.4	-12	-6	-58.3	663.0	-96.0	-22.8	16.6
5TH	56.00	6.9	12.9	1283	944	5.4	13.6	-8	-4	-65.2	650.1	-88.0	-22.0	16.7
6TH	68.25	9.0	20.6	1526	1323	5.9	15.6	9	4	-74.1	629.5	-80.1	-21.2	16.5
7TH	80.50	11.5	32.7	1888	1888	6.1	17.3	20	7	-85.6	596.8	-72.6	-20.2	16.0
8TH	92.75	9.6	32.3	1888	1888	5.1	17.1	23	7	-95.3	564.5	-65.5	-19.1	15.3
9TH	105.00	7.8	31.9	1888	1888	4.1	16.9	25	6	-103.1	532.6	-58.8	-17.9	14.7
10TH	117.25	6.0	31.5	1888	1888	3.2	16.7	27	5	-109.1	501.2	-52.5	-16.6	14.0
11TH	129.50	4.2	31.0	1888	1888	2.2	16.4	29	4	-113.4	470.1	-46.5	-15.2	13.3
12TH	141.75	2.4	30.6	1888	1888	1.3	16.2	31	2	-115.8	439.5	-40.9	-13.8	12.5
13TH	154.00	.8	30.3	1888	1888	.4	16.0	32	1	-116.5	409.3	-35.7	-12.4	11.8
14TH	166.25	-.9	29.9	1888	1888	-.5	15.9	32	-1	-115.6	379.3	-30.9	-11.0	11.0
15TH	178.50	-2.5	29.6	1888	1888	-1.3	15.7	32	-3	-113.1	349.8	-26.4	-9.6	10.3
16TH	190.75	-4.2	29.2	1888	1888	-2.2	15.5	32	-5	-108.9	320.5	-22.3	-8.2	9.6
17TH	203.00	-5.8	28.9	1888	1888	-3.1	15.3	31	-6	-103.1	291.6	-18.6	-6.9	8.8
18TH	215.25	-7.5	28.5	1888	1888	-4.0	15.1	31	-8	-95.6	263.1	-15.2	-5.7	8.1
19TH	227.50	-8.8	28.4	1888	1888	-4.7	15.1	30	-9	-86.8	234.7	-12.1	-4.6	7.4
20TH	239.75	-9.3	28.5	1888	1888	-4.9	15.1	29	-10	-77.6	206.2	-9.4	-3.6	6.7
21ST	252.00	-9.7	28.5	1888	1888	-5.2	15.1	29	-10	-67.8	177.6	-7.1	-2.7	6.0
22ND	264.25	-10.2	28.6	1888	1888	-5.4	15.2	28	-10	-57.6	149.0	-5.1	-1.9	5.3
23RD	276.50	-10.7	28.7	1888	1888	-5.7	15.2	27	-10	-46.9	120.3	-3.4	-1.3	4.6
24TH	288.75	-11.2	28.7	1888	1888	-5.9	15.2	27	-10	-35.7	91.6	-2.1	-.8	3.9
25TH	301.00	-11.2	27.5	1888	1888	-5.9	14.6	29	-12	-24.6	64.1	-1.2	-.4	3.2
		-10.4	24.5	1888	1888	-5.5	13.0	36	-15					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-10.9	23.7	2200	2200	-5.0	10.8	48	-22	-14.2	39.6	-1.6	-1.2	2.4
PENT	327.75	-3.3	15.9	2310	2310	-1.4	6.9	102	-21	-3.3	15.9	-1.2	-1.0	1.3
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00	24.3	20.5	1659	1110	14.6	18.5	2	2	423.7	852.0	-156.0	55.8	33.3
2ND	19.25	19.0	13.6	1178	839	16.2	16.2	7	10	399.4	831.5	-139.8	47.9	33.2
3RD	31.50	20.6	14.3	1283	944	16.0	15.2	8	12	380.4	817.9	-129.7	43.1	33.0
4TH	43.75	20.7	13.7	1283	944	16.1	14.5	10	15	359.8	803.6	-119.7	38.6	32.7
5TH	56.00	23.1	22.5	1526	1323	15.1	17.0	19	19	339.1	789.9	-110.0	34.3	32.4
6TH	68.25	26.1	36.2	1888	1888	13.8	19.2	27	20	316.0	767.4	-100.4	30.3	31.7
7TH	80.50	25.1	36.1	1888	1888	13.3	19.1	29	20	289.9	731.2	-91.3	26.6	30.5
8TH	92.75	24.2	36.0	1888	1888	12.8	19.1	31	21	264.8	695.0	-82.5	23.2	29.3
9TH	105.00	23.3	35.9	1888	1888	12.4	19.0	33	21	240.6	659.0	-74.2	20.1	28.0
10TH	117.25	22.5	35.8	1888	1888	11.9	19.0	35	22	217.3	623.1	-66.4	17.3	26.7
11TH	129.50	21.6	35.7	1888	1888	11.4	18.9	37	22	194.8	587.3	-59.0	14.8	25.4
12TH	141.75	20.4	35.8	1888	1888	10.8	18.9	38	22	173.2	551.5	-52.0	12.5	24.0
13TH	154.00	18.9	35.8	1888	1888	10.0	19.0	40	21	152.9	515.8	-45.4	10.5	22.6
14TH	166.25	17.4	35.9	1888	1888	9.2	19.0	41	20	134.0	479.9	-39.3	8.8	21.2
15TH	178.50	16.0	36.0	1888	1888	8.5	19.1	42	19	116.5	444.0	-33.7	7.2	19.7
16TH	190.75	14.5	36.1	1888	1888	7.7	19.1	43	17	100.5	408.0	-28.5	5.9	18.3
17TH	203.00	13.1	36.2	1888	1888	6.9	19.2	44	16	86.0	371.9	-23.7	4.7	16.9
18TH	215.25	11.7	36.4	1888	1888	6.2	19.3	45	15	73.0	335.7	-19.4	3.8	15.5
19TH	227.50	10.5	36.4	1888	1888	5.6	19.3	46	13	61.2	299.3	-15.5	3.0	14.1
20TH	239.75	9.3	36.5	1888	1888	4.9	19.3	47	12	50.7	262.9	-12.0	2.3	12.7
21ST	252.00	8.1	36.5	1888	1888	4.3	19.4	49	11	41.4	226.4	-9.0	1.7	11.3
22ND	264.25	7.0	36.6	1888	1888	3.7	19.4	50	9	33.2	189.9	-6.5	1.2	9.8
23RD	276.50	5.8	36.6	1888	1888	3.1	19.4	51	8	26.3	153.3	-4.4	.9	8.4
24TH	288.75	4.8	35.1	1888	1888	2.6	18.6	54	7	20.5	116.6	-2.7	.6	6.9
25TH	301.00	4.3	31.3	1888	1888	2.3	16.6	62	9	15.7	81.5	-1.5	.4	5.4

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									11.4	50.2	- .7	.2	3.9
PENT	327.75	4.1	30.4	2200	2200	1.9	13.8	78	11	7.3	19.8	- .2	.1	2.0
TOP	347.75	7.3	19.8	2310	2310	3.2	8.6	115	42	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									871.5	1025.9	-194.9	139.2	47.3
2ND	19.25	39.9	16.8	1659	1110	24.1	15.2	8	18	831.6	1009.0	-175.3	122.8	46.7
3RD	31.50	31.6	10.8	1178	839	26.8	12.8	9	25	800.0	998.3	-163.0	112.8	46.0
4TH	43.75	33.0	11.7	1283	944	25.7	12.4	9	25	767.0	986.6	-150.8	103.2	45.3
5TH	56.00	32.5	11.1	1283	944	25.4	11.7	9	26	734.5	975.5	-138.8	94.0	44.5
6TH	68.25	35.0	22.3	1526	1323	23.0	16.8	19	29	699.5	953.2	-127.0	85.2	43.4
7TH	80.50	39.2	40.0	1888	1888	20.7	21.2	28	27	660.3	913.2	-115.6	76.9	41.7
8TH	92.75	38.5	40.9	1888	1888	20.4	21.7	29	27	621.8	872.3	-104.6	69.0	40.0
9TH	105.00	37.9	41.8	1888	1888	20.1	22.1	29	27	583.9	830.5	-94.2	61.6	38.3
10TH	117.25	37.3	42.7	1888	1888	19.8	22.6	30	26	546.6	787.8	-84.3	54.7	36.5
11TH	129.50	36.8	43.6	1888	1888	19.5	23.1	31	26	509.8	744.2	-74.9	48.3	34.8
12TH	141.75	36.2	44.5	1888	1888	19.2	23.6	31	26	473.6	699.7	-66.1	42.2	33.0
13TH	154.00	35.6	44.8	1888	1888	18.9	23.7	32	25	438.0	654.9	-57.8	36.6	31.1
14TH	166.25	35.1	45.0	1888	1888	18.6	23.8	33	26	402.9	609.9	-50.0	31.5	29.3
15TH	178.50	34.5	45.2	1888	1888	18.3	23.9	33	26	368.4	564.7	-42.8	26.8	27.5
16TH	190.75	34.0	45.4	1888	1888	18.0	24.0	34	26	334.4	519.3	-36.2	22.5	25.6
17TH	203.00	33.5	45.6	1888	1888	17.7	24.1	35	26	300.9	473.8	-30.1	18.6	23.7
18TH	215.25	32.9	45.8	1888	1888	17.4	24.2	35	26	268.0	428.0	-24.6	15.1	21.8
19TH	227.50	32.4	46.0	1888	1888	17.1	24.4	36	25	235.7	382.0	-19.6	12.0	19.9
20TH	239.75	31.3	46.3	1888	1888	16.6	24.5	37	25	204.4	335.8	-15.2	9.3	17.9
21ST	252.00	30.3	46.5	1888	1888	16.0	24.7	39	25	174.1	289.2	-11.4	7.0	15.9
22ND	264.25	29.2	46.8	1888	1888	15.5	24.8	40	25	144.9	242.4	-8.1	5.0	13.9
23RD	276.50	28.1	47.1	1888	1888	14.9	24.9	41	25	116.8	195.3	-5.5	3.4	11.8
24TH	288.75	27.1	47.4	1888	1888	14.4	25.1	43	24	89.7	147.9	-3.4	2.2	9.8
25TH	301.00	25.5	45.6	1888	1888	13.5	24.1	46	26	64.1	102.4	-1.8	1.2	7.6
		23.4	40.9	1888	1888	12.4	21.7	53	30					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR : 32

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
26TH	313.25	24.0	40.0	2200	2200	10.9	18.2	64	38	40.7	61.5	- .8	.6	5.4
PENT	327.75	16.7	21.5	2310	2310	7.3	9.3	102	80	16.7	21.5	- 2	.2	2.7
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	43.3	13.1	1639	1110	26.1	11.8	7	24	931.1	1167.1	-229.6	150.4	49.6
2ND	19.25	32.4	7.5	1178	839	27.5	8.9	7	29	887.8	1154.0	-207.3	132.9	48.7
3RD	31.50	33.6	7.8	1283	944	26.2	8.3	7	29	855.4	1146.5	-193.2	122.2	48.0
4TH	43.75	33.1	6.6	1283	944	25.8	7.0	6	32	821.8	1138.7	-179.2	112.0	47.2
5TH	56.00	36.2	20.0	1526	1323	23.7	15.1	20	36	788.8	1132.0	-165.3	102.1	46.3
6TH	68.25	41.4	41.9	1888	1888	21.9	22.2	31	30	752.6	1112.0	-151.6	92.7	45.0
7TH	80.50	40.8	43.5	1888	1888	21.6	23.0	31	29	711.2	1070.1	-138.2	83.7	43.0
8TH	92.75	40.2	45.1	1888	1888	21.3	23.9	31	28	670.3	1026.6	-125.4	75.2	41.1
9TH	105.00	39.6	46.7	1888	1888	21.0	24.7	31	26	630.1	981.5	-113.1	67.3	39.1
10TH	117.25	39.0	48.3	1888	1888	20.6	25.6	31	25	590.5	934.8	-101.3	59.8	37.2
11TH	129.50	38.3	49.9	1888	1888	20.3	26.5	31	24	551.6	886.5	-90.2	52.8	35.3
12TH	141.75	37.7	51.0	1888	1888	20.0	27.0	31	23	513.3	836.5	-79.6	46.3	33.3
13TH	154.00	37.2	51.9	1888	1888	19.7	27.5	31	22	475.5	785.5	-69.7	40.2	31.4
14TH	166.25	36.8	52.9	1888	1888	19.5	28.0	31	22	438.3	733.6	-60.4	34.6	29.5
15TH	178.50	36.3	53.8	1888	1888	19.2	28.5	31	21	401.5	680.7	-51.7	29.5	27.6
16TH	190.75	35.8	54.7	1888	1888	19.0	29.0	31	20	365.2	626.9	-43.7	24.8	25.7
17TH	203.00	35.3	55.6	1888	1888	18.7	29.5	31	20	329.4	572.2	-36.3	20.5	23.9
18TH	215.25	34.8	56.4	1888	1888	18.4	29.9	31	19	294.1	516.6	-29.7	16.7	22.0
19TH	227.50	33.8	56.3	1888	1888	17.9	29.8	32	19	259.3	460.3	-23.7	13.3	20.1
20TH	239.75	32.8	56.3	1888	1888	17.4	29.8	33	19	225.5	403.9	-18.4	10.3	18.1
21ST	252.00	31.9	56.3	1888	1888	16.9	29.8	34	19	192.7	347.6	-13.8	7.8	16.2
22ND	264.25	30.9	56.2	1888	1888	16.4	29.8	35	19	160.8	291.3	-9.9	5.6	14.2
23RD	276.50	29.9	56.2	1888	1888	15.8	29.8	36	19	129.9	235.1	-6.7	3.8	12.2
24TH	288.75	28.3	54.0	1888	1888	15.0	28.6	39	21	100.0	178.9	-4.1	2.4	10.2
25TH	301.00	26.2	48.7	1888	1888	13.9	25.8	46	25	71.7	124.9	-2.3	1.4	8.1

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	26.9	48.3	2200	2200	12.2	22.0	56	31	45.3	76.2	-1.0	.7	5.8
PENT	327.75	18.6	27.9	2310	2310	8.1	12.1	99	66	18.6	27.9	-.3	.2	3.1
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 140° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	38.9	8.5	1659	1110	23.4	7.7	6	28	829.9	1135.6	-228.5	134.8	45.8
2ND	19.25	28.4	3.8	1178	839	24.1	4.5	4	33	791.0	1127.0	-206.7	119.2	44.9
3RD	31.50	29.5	4.1	1283	944	23.0	4.3	4	32	762.7	1123.2	-192.9	109.7	44.2
4TH	43.75	29.3	3.1	1283	944	22.8	3.3	4	33	733.2	1119.2	-179.2	100.6	43.4
5TH	56.00	32.3	17.0	1526	1323	21.1	12.8	20	39	703.9	1116.1	-165.5	91.8	42.7
6TH	68.25	36.9	39.3	1888	1888	19.5	20.8	34	32	671.7	1099.1	-151.9	83.3	41.4
7TH	80.50	36.1	41.2	1888	1888	19.1	21.8	34	29	634.8	1059.8	-138.7	75.3	39.5
8TH	92.75	35.3	43.1	1888	1888	18.7	22.8	33	27	598.7	1018.6	-126.0	67.8	37.6
9TH	105.00	34.7	44.9	1888	1888	18.4	23.8	33	26	563.4	975.5	-113.8	60.7	35.7
10TH	117.25	34.0	46.8	1888	1888	18.0	24.8	33	24	528.7	930.6	-102.1	54.0	33.9
11TH	129.50	33.3	48.7	1888	1888	17.6	25.8	32	22	494.7	883.7	-91.0	47.7	32.1
12TH	141.75	32.8	49.9	1888	1888	17.4	26.4	32	21	461.4	835.1	-80.4	41.9	30.3
13TH	154.00	32.6	50.8	1888	1888	17.3	26.9	31	20	428.5	785.2	-70.5	36.4	28.5
14TH	166.25	32.3	51.7	1888	1888	17.1	27.4	31	20	396.0	734.4	-61.2	31.4	26.8
15TH	178.50	32.1	52.6	1888	1888	17.0	27.9	31	19	363.6	682.7	-52.5	26.7	25.0
16TH	190.75	31.8	53.5	1888	1888	16.8	28.3	31	18	331.6	630.1	-44.5	22.4	23.3
17TH	203.00	31.5	54.4	1888	1888	16.7	28.8	31	18	299.8	576.7	-37.1	18.6	21.6
18TH	215.25	31.2	55.2	1888	1888	16.5	29.2	30	17	268.2	522.3	-30.4	15.1	19.9
19TH	227.50	30.6	55.6	1888	1888	16.2	29.4	31	17	237.0	467.1	-24.3	12.0	18.1
20TH	239.75	30.1	56.0	1888	1888	15.9	29.7	31	17	206.4	411.5	-18.9	9.3	16.4
21ST	252.00	29.5	56.4	1888	1888	15.6	29.9	32	17	176.3	355.5	-14.2	6.9	14.7
22ND	264.25	28.9	56.8	1888	1888	15.3	30.1	32	16	146.8	299.2	-10.2	5.0	12.9
23RD	276.50	28.3	57.2	1888	1888	15.0	30.3	33	16	117.9	242.4	-6.9	3.3	11.1
24TH	288.75	26.8	55.3	1888	1888	14.2	29.3	35	17	89.5	185.2	-4.3	2.1	9.3
25TH	301.00	24.4	50.6	1888	1888	12.9	26.8	41	20	62.8	130.0	-2.3	1.1	7.5

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									38.4	79.4	-1.1	.5	5.5
PENT	327.75	24.5	51.1	2200	2200	11.1	23.2	52	25	14.0	28.3	-.3	.1	3.0
TOP	347.75	14.0	28.3	2310	2310	6.0	12.3	108	53	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	33.8	9.0	1659	1110	20.4	8.1	7	26	733.9	1080.4	-218.4	119.4	40.4
2ND	19.25	24.9	4.2	1178	839	21.1	5.0	5	31	700.1	1071.3	-197.7	105.6	39.7
3RD	31.50	26.5	4.2	1283	944	20.6	4.4	5	29	675.2	1067.1	-184.6	97.2	39.1
4TH	43.75	26.0	2.7	1283	944	20.3	2.8	3	32	648.7	1063.0	-171.6	89.1	38.4
5TH	56.00	27.7	15.3	1526	1323	18.2	11.6	22	40	622.7	1060.3	-158.6	81.3	37.8
6TH	68.25	31.1	36.3	1888	1888	16.5	19.2	37	32	595.0	1045.0	-145.7	73.9	36.7
7TH	80.50	30.9	38.1	1888	1888	16.3	20.2	36	29	563.8	1008.7	-133.1	66.8	34.9
8TH	92.75	30.5	39.9	1888	1888	16.2	21.1	35	27	533.0	970.6	-121.0	60.0	33.1
9TH	105.00	30.2	41.7	1888	1888	16.0	22.1	34	25	502.5	930.8	-109.3	53.7	31.4
10TH	117.25	29.8	43.5	1888	1888	15.8	23.0	33	23	472.3	889.0	-98.2	47.7	29.7
11TH	129.50	29.5	45.3	1888	1888	15.6	24.0	32	21	442.5	845.5	-87.6	42.1	28.1
12TH	141.75	29.2	46.6	1888	1888	15.5	24.7	31	20	413.0	800.2	-77.5	36.9	26.5
13TH	154.00	29.2	47.7	1888	1888	15.5	25.2	31	19	383.8	753.6	-68.0	32.0	24.9
14TH	166.25	29.1	48.7	1888	1888	15.4	25.8	30	18	354.6	706.0	-59.0	27.5	23.4
15TH	178.50	29.0	49.8	1888	1888	15.4	26.4	30	17	325.5	657.2	-50.7	23.3	21.8
16TH	190.75	29.0	50.9	1888	1888	15.3	27.0	29	16	296.5	607.4	-42.9	19.5	20.3
17TH	203.00	28.9	52.0	1888	1888	15.3	27.5	28	16	267.5	556.6	-35.8	16.1	18.8
18TH	215.25	28.7	52.9	1888	1888	15.2	28.0	28	15	238.6	504.6	-29.3	13.0	17.3
19TH	227.50	28.2	53.5	1888	1888	14.9	28.4	28	15	209.9	451.7	-23.4	10.2	15.8
20TH	239.75	27.7	54.1	1888	1888	14.7	28.7	28	15	181.7	398.1	-18.2	7.8	14.3
21ST	252.00	27.2	54.7	1888	1888	14.4	29.0	29	14	154.0	344.0	-13.7	5.8	12.8
22ND	264.25	26.6	55.3	1888	1888	14.1	29.3	29	14	126.8	289.3	-9.8	4.0	11.3
23RD	276.50	26.1	55.9	1888	1888	13.8	29.6	29	14	100.2	234.0	-6.6	2.6	9.8
24TH	288.75	24.3	53.9	1888	1888	12.9	28.5	32	14	74.1	178.1	-4.1	1.6	8.2
25TH	301.00	21.5	48.7	1888	1888	11.4	25.8	39	17	49.8	124.3	-2.2	.8	6.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 150° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	313.25									28.3	75.5	-1.0	.3	4.8
PENT	327.75	20.4	48.6	2200	2200	9.3	22.1	51	21	7.9	27.0	-.3	.1	2.6
TOP	347.75	7.9	27.0	2310	2310	3.4	11.7	115	34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	28.1	8.8	1659	1110	17.0	7.9	9	28	663.7	1022.4	-205.5	111.5	37.2
2ND	19.25	20.8	3.9	1178	839	17.7	4.7	6	33	635.5	1013.7	-185.9	99.0	36.5
3RD	31.50	22.2	3.9	1283	944	17.3	4.1	5	31	614.7	1009.7	-173.5	91.3	35.9
4TH	43.75	21.6	2.6	1283	944	16.9	2.7	4	33	592.5	1005.9	-161.2	83.9	35.4
5TH	56.00	23.1	15.0	1526	1323	15.1	11.3	26	40	570.9	1003.3	-148.9	76.8	34.8
6TH	68.25	26.2	35.5	1888	1888	13.9	18.8	39	29	547.8	988.3	-136.7	69.9	33.8
7TH	80.50	26.3	37.0	1888	1888	13.9	19.6	38	27	521.6	952.8	-124.8	63.4	32.1
8TH	92.75	26.3	38.6	1888	1888	13.9	20.5	37	25	495.4	915.8	-113.3	57.2	30.5
9TH	105.00	26.4	40.2	1888	1888	14.0	21.3	35	23	469.1	877.2	-102.3	51.3	28.9
10TH	117.25	26.4	41.8	1888	1888	14.0	22.1	34	22	442.7	837.0	-91.8	45.7	27.3
11TH	129.50	26.4	41.8	1888	1888	14.0	22.1	34	22	416.3	795.2	-81.8	40.4	25.7
12TH	141.75	26.5	43.3	1888	1888	14.0	23.0	33	20	389.8	751.9	-72.4	35.5	24.2
13TH	154.00	26.5	44.5	1888	1888	14.0	23.6	32	19	363.3	707.4	-63.4	30.9	22.7
14TH	166.25	26.5	45.4	1888	1888	14.1	24.1	31	18	336.8	662.0	-55.0	26.6	21.3
15TH	178.50	26.6	46.4	1888	1888	14.1	24.6	30	17	310.2	615.6	-47.2	22.6	19.8
16TH	190.75	26.6	47.4	1888	1888	14.1	25.1	29	17	283.5	568.1	-40.0	19.0	18.4
17TH	203.00	26.7	48.4	1888	1888	14.1	25.6	29	16	256.8	519.8	-33.3	15.7	17.0
18TH	215.25	26.8	49.4	1888	1888	14.2	26.2	28	15	230.1	470.4	-27.2	12.7	15.6
19TH	227.50	26.8	50.2	1888	1888	14.2	26.6	27	14	203.3	420.1	-21.8	10.0	14.3
20TH	239.75	26.5	50.5	1888	1888	14.0	26.7	27	14	176.8	369.7	-16.9	7.7	12.9
21ST	252.00	26.2	50.7	1888	1888	13.9	26.8	28	14	150.7	319.0	-12.7	5.7	11.5
22ND	264.25	25.9	50.9	1888	1888	13.7	27.0	28	14	124.8	268.1	-9.1	4.0	10.1
23RD	276.50	25.6	51.1	1888	1888	13.6	27.1	28	14	99.2	217.1	-6.2	2.6	8.7
24TH	288.75	25.3	51.3	1888	1888	13.4	27.2	29	14	73.9	165.8	-3.8	1.6	7.3
25TH	301.00	23.8	49.5	1888	1888	12.6	26.2	31	15	50.0	116.3	-2.1	.8	5.8
		21.5	45.4	1888	1888	11.4	24.1	36	17					

TABLE 7. SHEAR AND MOMENT DIAGRAM 1 PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	21.2	46.1	2200	2200	9.6	21.0	45	21	28.5	70.9	- .9	.3	4.3
PENT	327.75	7.3	24.7	2310	2310	3.2	10.7	111	33	7.3	24.7	- .2	.1	2.3
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 170° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	24.6	.8	1659	1110	14.8	.7	1	41	589.3	808.3	-168.1	101.2	33.8
2ND	19.25	17.9	-1.0	1178	839	15.2	-1.2	-2	44	564.7	807.5	-152.6	90.1	33.0
3RD	31.50	18.7	-.6	1283	944	14.6	-.7	-1	41	546.8	808.5	-142.7	83.2	32.4
4TH	43.75	18.5	-1.0	1283	944	14.4	-1.0	-2	40	528.1	809.1	-132.8	76.7	31.8
5TH	56.00	20.4	11.0	1526	1323	13.3	8.3	26	47	509.6	810.1	-122.9	70.3	31.2
6TH	68.25	23.5	29.6	1888	1888	12.5	15.7	41	32	489.2	799.1	-113.0	64.2	30.2
7TH	80.50	23.4	30.3	1888	1888	12.4	16.1	41	31	465.7	769.5	-103.4	58.3	28.7
8TH	92.75	23.3	31.1	1888	1888	12.3	16.5	40	30	442.3	739.2	-94.2	52.8	27.2
9TH	105.00	23.2	31.8	1888	1888	12.3	16.8	40	29	419.0	708.1	-85.3	47.5	25.7
10TH	117.25	23.1	32.5	1888	1888	12.3	17.2	40	28	395.7	676.3	-76.8	42.5	24.2
11TH	129.50	23.0	33.3	1888	1888	12.2	17.6	39	27	372.6	643.8	-68.7	37.8	22.7
12TH	141.75	22.8	33.9	1888	1888	12.1	18.0	38	26	349.6	610.5	-61.0	33.4	21.2
13TH	154.00	22.7	34.7	1888	1888	12.0	18.4	37	24	326.7	576.6	-53.8	29.2	19.7
14TH	166.25	22.6	35.5	1888	1888	12.0	18.8	36	23	304.0	541.9	-46.9	25.4	18.3
15TH	178.50	22.5	36.2	1888	1888	11.9	19.2	35	22	281.4	506.4	-40.5	21.8	16.9
16TH	190.75	22.3	37.0	1888	1888	11.8	19.6	34	20	258.9	470.2	-34.5	18.5	15.5
17TH	203.00	22.2	37.7	1888	1888	11.8	20.0	33	19	236.6	433.2	-29.0	15.5	14.2
18TH	215.25	22.2	38.6	1888	1888	11.8	20.4	32	18	214.3	395.5	-23.9	12.7	12.9
19TH	227.50	22.4	39.5	1888	1888	11.8	20.9	30	17	192.1	356.9	-19.3	10.2	11.6
20TH	239.75	22.5	40.3	1888	1888	11.9	21.4	29	16	169.8	317.4	-15.2	8.0	10.4
21ST	252.00	22.6	41.2	1888	1888	12.0	21.8	28	16	147.3	277.1	-11.5	6.0	9.2
22ND	264.25	22.8	42.0	1888	1888	12.1	22.3	28	15	124.7	235.9	-8.4	4.4	8.0
23RD	276.50	22.9	42.9	1888	1888	12.1	22.7	27	14	101.9	193.9	-5.8	3.0	6.9
24TH	288.75	22.4	42.3	1888	1888	11.8	22.4	27	14	79.0	151.0	-3.6	1.9	5.7
25TH	301.00	21.2	39.8	1888	1888	11.2	21.1	31	16	56.6	108.8	-2.1	1.0	4.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									35.5	69.0	-1.0	.5	3.3
PENT	327.75	22.4	41.9	2200	2200	10.2	19.1	37	20	13.1	27.0	-.3	.1	1.8
TOP	347.75	13.1	27.0	2310	2310	5.7	11.7	70	34	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 180° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	23.6	2.0	1659	1110	14.2	1.8	3	36	609.7	707.0	-152.0	113.8	32.0
2ND	19.25	16.6	-1.1	1178	839	14.1	-1.1	-0	40	586.1	705.1	-138.4	102.3	31.4
3RD	31.50	17.0	-1.7	1283	944	13.3	-1.7	-1	38	569.5	705.2	-129.8	95.3	30.9
4TH	43.75	16.2	-1.8	1283	944	12.7	-2.0	-5	40	552.5	705.8	-121.1	88.4	30.4
5TH	56.00	17.5	8.7	1526	1323	11.5	6.5	25	51	536.3	707.7	-112.5	81.7	29.9
6TH	68.25	20.1	25.5	1888	1888	10.7	13.5	44	34	518.8	699.0	-103.9	75.3	29.0
7TH	80.50	19.8	25.6	1888	1888	10.5	13.6	45	35	498.6	673.5	-95.5	69.0	27.6
8TH	92.75	19.8	25.7	1888	1888	10.5	13.6	45	34	478.8	647.9	-87.4	63.0	26.2
9TH	105.00	19.8	25.9	1888	1888	10.5	13.7	44	34	459.0	622.2	-79.6	57.3	24.8
10TH	117.25	19.9	26.0	1888	1888	10.5	13.8	44	34	439.2	596.3	-72.1	51.8	23.3
11TH	129.50	19.9	26.1	1888	1888	10.5	13.8	44	34	419.3	570.3	-65.0	46.5	21.9
12TH	141.75	20.4	26.7	1888	1888	10.8	14.1	43	33	399.4	544.2	-58.1	41.5	20.5
13TH	154.00	21.1	27.5	1888	1888	11.2	14.5	41	31	379.0	517.5	-51.6	36.8	19.1
14TH	166.25	21.8	28.2	1888	1888	11.6	14.9	39	30	357.8	490.1	-45.5	32.2	17.8
15TH	178.50	22.5	29.0	1888	1888	11.9	15.3	37	29	336.0	461.9	-39.6	28.0	16.4
16TH	190.75	23.2	29.7	1888	1888	12.3	15.7	36	28	313.5	432.9	-34.2	24.0	15.0
17TH	203.00	23.9	30.5	1888	1888	12.7	16.1	35	27	290.2	403.2	-29.0	20.3	13.7
18TH	215.25	24.7	31.3	1888	1888	13.1	16.6	33	26	266.3	372.8	-24.3	16.9	12.4
19TH	227.50	25.1	32.8	1888	1888	13.3	17.4	32	24	241.6	341.4	-19.9	13.8	11.1
20TH	239.75	25.6	34.2	1888	1888	13.6	18.1	30	22	216.5	308.7	-15.9	11.0	9.8
21ST	252.00	26.1	35.6	1888	1888	13.8	18.9	29	21	190.9	274.5	-12.4	8.5	8.6
22ND	264.25	26.5	37.0	1888	1888	14.0	19.6	27	19	164.9	238.9	-9.2	6.3	7.4
23RD	276.50	27.0	38.5	1888	1888	14.3	20.4	26	18	138.4	201.8	-6.5	4.5	6.2
24TH	288.75	27.2	39.5	1888	1888	14.4	20.9	25	17	111.4	163.4	-4.3	2.9	5.0
25TH	301.00	27.1	40.1	1888	1888	14.4	21.3	24	16	84.2	123.8	-2.5	1.7	3.9

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	31.0	46.6	2200	2200	14.1	21.2	24	16	57.1	83.7	-1.2	.9	2.8
PENT	327.75	26.1	37.1	2310	2310	11.3	16.1	36	25	26.1	37.1	-.4	.3	1.5
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 190° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	4.4	-11.6	1659	1110	2.6	-10.4	-76	29	117.0	286.1	-72.8	26.3	26.9
2ND	19.25	2.1	-10.4	1178	839	1.8	-12.4	-74	15	112.7	297.7	-67.2	24.1	26.1
3RD	31.50	-1.2	-12.6	1283	944	-1.1	-13.3	-65	-1	110.6	308.0	-63.5	22.8	25.5
4TH	43.75	-1.5	-12.9	1283	944	-1.4	-13.7	-64	-2	110.8	320.6	-59.6	21.4	24.8
5TH	56.00	.4	-5.9	1526	1323	.3	-4.5	-194	14	111.2	333.5	-55.6	20.0	24.2
6TH	68.25	2.2	5.6	1888	1888	1.2	3.0	249	100	110.8	339.5	-51.5	18.7	23.3
7TH	80.50	2.4	7.3	1888	1888	1.3	3.9	190	64	108.6	333.9	-47.4	17.3	22.0
8TH	92.75	2.6	9.0	1888	1888	1.4	4.8	151	44	106.1	326.6	-43.3	16.0	20.8
9TH	105.00	2.8	10.8	1888	1888	1.5	5.7	123	32	103.5	317.6	-39.4	14.7	19.7
10TH	117.25	3.0	12.5	1888	1888	1.6	6.6	102	24	100.7	306.8	-35.6	13.5	18.6
11TH	129.50	3.1	14.2	1888	1888	1.7	7.5	86	19	97.8	294.3	-31.9	12.3	17.6
12TH	141.75	3.3	15.1	1888	1888	1.8	8.0	80	18	94.6	280.1	-28.4	11.1	16.6
13TH	154.00	3.6	15.6	1888	1888	1.9	8.2	77	18	91.3	265.0	-25.0	10.0	15.6
14TH	166.25	3.9	16.0	1888	1888	2.1	8.5	75	18	87.7	249.5	-21.9	8.9	14.6
15TH	178.50	4.2	16.5	1888	1888	2.2	8.7	73	18	83.8	233.4	-18.9	7.8	13.6
16TH	190.75	4.4	17.0	1888	1888	2.3	9.0	71	18	79.7	216.9	-16.2	6.8	12.6
17TH	203.00	4.7	17.4	1888	1888	2.5	9.2	69	19	75.2	200.0	-13.6	5.9	11.6
18TH	215.25	5.0	17.8	1888	1888	2.6	9.5	67	19	70.5	182.6	-11.3	5.0	10.6
19TH	227.50	5.4	18.0	1888	1888	2.8	9.6	66	20	65.6	164.7	-9.1	4.1	9.6
20TH	239.75	5.8	18.3	1888	1888	3.1	9.7	65	20	60.2	146.7	-7.2	3.4	8.6
21ST	252.00	6.2	18.5	1888	1888	3.3	9.8	64	21	54.4	128.4	-5.6	2.7	7.6
22ND	264.25	6.6	18.7	1888	1888	3.5	9.9	62	22	48.3	110.0	-4.1	2.0	6.6
23RD	276.50	7.0	18.9	1888	1888	3.7	10.0	61	23	41.7	91.3	-2.9	1.5	5.6
24TH	288.75	7.2	18.7	1888	1888	3.8	9.9	61	24	34.7	72.4	-1.9	1.0	4.6
25TH	301.00	7.4	18.0	1888	1888	3.9	9.5	64	26	27.5	53.7	-1.1	.6	3.6

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									20.1	35.7	-.5	.3	2.5
		8.8	19.7	2200	2200	4.0	9.0	67	30					
PENT	327.75									11.4	16.0	-.2	.1	1.3
		11.4	16.0	2310	2310	4.9	6.9	69	49					
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	1.2	-14.8	1659	1110	.7	-13.3	-64	5	27.7	2.5	-12.7	7.7	24.9
2ND	19.25	.2	-11.7	1178	839	.1	-14.0	-62	1	26.5	17.3	-12.5	7.2	24.2
3RD	31.50	-1.7	-13.5	1283	944	-1.4	-14.3	-53	-7	26.3	29.0	-12.3	6.9	23.6
4TH	43.75	-1.9	-13.7	1283	944	-1.5	-14.5	-53	-7	28.1	42.5	-11.8	6.5	23.1
5TH	56.00	-1.3	-8.9	1526	1323	-.9	-6.7	-107	-16	30.0	56.2	-11.2	6.2	22.5
6TH	68.25	.0	-.9	1888	1888	.0	-.5	###	57	31.3	65.1	-10.5	5.8	21.7
7TH	80.50	.5	.0	1888	1888	.3	.0	212	2544	31.2	66.0	-9.7	5.4	20.7
8TH	92.75	.6	1.0	1888	1888	.3	.5	961	539	30.8	66.0	-8.9	5.0	19.8
9TH	105.00	.6	2.0	1888	1888	.3	1.1	591	184	30.2	65.0	-8.1	4.7	18.8
10TH	117.25	.7	3.0	1888	1888	.4	1.6	416	94	29.6	63.0	-7.3	4.3	17.8
11TH	129.50	.7	3.9	1888	1888	.4	2.1	321	59	28.9	60.0	-6.5	4.0	16.8
12TH	141.75	.8	4.1	1888	1888	.4	2.2	306	58	28.2	56.1	-5.8	3.6	15.8
13TH	154.00	.9	3.8	1888	1888	.5	2.0	320	72	27.4	52.0	-5.2	3.3	14.8
14TH	166.25	1.0	3.6	1888	1888	.5	1.9	334	89	26.5	48.2	-4.5	2.9	13.8
15TH	178.50	1.0	3.3	1888	1888	.6	1.8	349	109	25.6	44.6	-4.0	2.6	12.8
16TH	190.75	1.1	3.1	1888	1888	.6	1.6	363	134	24.5	41.3	-3.4	2.3	11.8
17TH	203.00	1.2	2.8	1888	1888	.6	1.5	376	163	23.4	38.3	-3.0	2.0	10.8
18TH	215.25	1.3	2.6	1888	1888	.7	1.4	380	193	22.2	35.5	-2.5	1.7	9.8
19TH	227.50	1.4	2.7	1888	1888	.8	1.4	358	186	20.9	32.9	-2.1	1.5	8.9
20TH	239.75	1.5	2.9	1888	1888	.8	1.5	339	179	19.5	30.1	-1.7	1.2	7.9
21ST	252.00	1.6	3.0	1888	1888	.9	1.6	321	173	18.0	27.3	-1.4	1.0	6.9
22ND	264.25	1.7	3.1	1888	1888	.9	1.7	306	167	16.3	24.3	-1.0	.8	6.0
23RD	276.50	1.8	3.3	1888	1888	1.0	1.7	291	161	14.6	21.1	-.8	.6	5.0
24TH	288.75	2.0	3.5	1888	1888	1.0	1.9	270	151	12.8	17.9	-.5	.4	4.1
25TH	301.00	2.2	3.9	1888	1888	1.2	2.1	241	137	10.9	14.4	-.3	.3	3.1

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									8.6	10.4	-1.2	.2	2.1
		3.0	5.1	2200	2200	1.4	2.3	212	127					
PENT	327.75									5.6	5.4	-1.1	.1	1.0
		5.6	5.4	2310	2310	2.4	2.3	114	120					
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-13.1	-18.6	-5.7	-5	20.8
2ND	19.25	.1	-12.8	1659	1110	.1	-11.5	-64	1	-13.3	-5.7	-5.9	-3	20.1
3RD	31.50	-.1	-9.8	1178	839	-.0	-11.7	-62	-0	-13.2	4.1	-5.9	-1	19.7
4TH	43.75	-1.4	-11.3	1283	944	-1.1	-11.9	-54	-7	-11.8	15.4	-5.8	.0	19.2
5TH	56.00	-1.5	-11.4	1283	944	-1.2	-12.1	-53	-7	-10.2	26.8	-5.5	.2	18.7
6TH	68.25	-1.1	-7.0	1526	1323	-.7	-5.3	-116	-18	-9.2	33.8	-5.1	.3	18.1
7TH	80.50	-.3	.0	1888	1888	-.2	.0	101-3959		-8.9	33.7	-4.7	.4	17.2
8TH	92.75	-.5	.5	1888	1888	-.3	.2	1076-1178		-8.4	33.3	-4.3	.5	16.3
9TH	105.00	-.9	.9	1888	1888	-.5	.5	639-587		-7.5	32.4	-3.9	.6	15.5
10TH	117.25	-1.2	1.4	1888	1888	-.6	.7	447-385		-6.3	31.0	-3.5	.7	14.7
11TH	129.50	-1.5	1.8	1888	1888	-.8	1.0	341-284		-4.8	29.1	-3.2	.8	13.8
12TH	141.75	-1.9	2.3	1888	1888	-1.0	1.2	274-224		-2.9	26.8	-2.8	.8	13.0
13TH	154.00	-1.8	2.4	1888	1888	-1.0	1.3	280-214		-1.1	24.4	-2.5	.8	12.2
14TH	166.25	-1.6	2.1	1888	1888	-.8	1.1	318-236		.5	22.3	-2.2	.8	11.4
15TH	178.50	-1.3	1.9	1888	1888	-.7	1.0	367-265		1.8	20.5	-2.0	.8	10.6
16TH	190.75	-1.1	1.6	1888	1888	-.6	.9	434-301		2.9	18.8	-1.7	.8	9.8
17TH	203.00	-.9	1.4	1888	1888	-.5	.7	531-347		3.8	17.5	-1.5	.7	9.0
18TH	215.25	-.7	1.1	1888	1888	-.4	.6	683-407		4.5	16.4	-1.3	.7	8.2
19TH	227.50	-.5	.9	1888	1888	-.3	.5	898-512		5.0	15.5	-1.1	.6	7.4
20TH	239.75	-.4	1.0	1888	1888	-.2	.5	882-400		5.4	14.5	-.9	.6	6.6
21ST	252.00	-.4	1.1	1888	1888	-.2	.6	851-308		5.8	13.5	-.7	.5	5.8
22ND	264.25	-.3	1.2	1888	1888	-.2	.6	813-232		6.2	12.3	-.6	.4	5.0
23RD	276.50	-.3	1.3	1888	1888	-.2	.7	772-171		6.4	11.0	-.4	.4	4.2
24TH	288.75	-.2	1.4	1888	1888	-.1	.7	730-123		6.7	9.6	-.3	.3	3.4
25TH	301.00	.1	1.6	1888	1888	.0	.8	666-38		6.6	8.0	-.2	.2	2.6
		.7	1.7	1888	1888	.4	.9	534-210						

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	1.6	2.2	2200	2200	.7	1.0	360	258	5.9	6.4	- .1	.1	1.7
PENT	327.75	4.3	4.1	2310	2310	1.9	1.8	121	126	4.3	4.1	- .0	.0	.8
TGP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-19.6	-30.8	-2.1	.1	22.0
2ND	19.25	-1.5	-13.8	1659	1110	-.9	-12.4	-58	-6	-18.1	-17.0	-2.6	.5	21.4
3RD	31.50	-1.6	-10.5	1178	839	-1.3	-12.5	-55	-8	-16.5	-6.5	-2.7	.7	20.9
4TH	43.75	-3.2	-11.9	1283	944	-2.5	-12.6	-47	-12	-13.4	5.4	-2.7	.9	20.5
5TH	56.00	-3.3	-12.0	1283	944	-2.6	-12.7	-46	-13	-10.1	17.4	-2.6	1.0	20.0
6TH	68.25	-3.0	-7.5	1526	1323	-2.0	-5.7	-93	-37	-7.1	24.9	-2.3	1.1	19.4
7TH	80.50	-2.3	-.2	1888	1888	-1.2	-.1	-49	-476	-4.8	25.2	-2.0	1.2	18.5
8TH	92.75	-2.0	.5	1888	1888	-1.1	.3	140	-515	-2.7	24.6	-1.7	1.2	17.7
9TH	105.00	-1.8	1.3	1888	1888	-1.0	.7	296	-402	-.9	23.3	-1.4	1.2	16.8
10TH	117.25	-1.6	2.1	1888	1888	-.8	1.1	338	-256	.7	21.2	-1.1	1.2	15.9
11TH	129.50	-1.4	2.9	1888	1888	-.7	1.5	315	-152	2.1	18.3	-.9	1.2	15.1
12TH	141.75	-1.2	3.7	1888	1888	-.6	2.0	278	-90	3.3	14.6	-.7	1.2	14.2
13TH	154.00	-1.0	3.6	1888	1888	-.6	1.9	291	-85	4.3	11.0	-.5	1.1	13.3
14TH	166.25	-.9	3.0	1888	1888	-.5	1.6	345	-101	5.2	8.0	-.4	1.1	12.4
15TH	178.50	-.7	2.4	1888	1888	-.4	1.3	424	-127	5.9	5.6	-.3	1.0	11.6
16TH	190.75	-.6	1.8	1888	1888	-.3	1.0	552	-169	6.5	3.8	-.3	.9	10.7
17TH	203.00	-.4	1.3	1888	1888	-.2	.7	794	-255	6.9	2.5	-.2	.9	9.8
18TH	215.25	-.2	.7	1888	1888	-.1	.4	1426	-515	7.1	1.8	-.2	.8	9.0
19TH	227.50	-.1	.1	1888	1888	-.1	.1	4405	-4117	7.3	1.7	-.2	.7	8.1
20TH	239.75	-.0	.1	1888	1888	-.0	.0	\$\$\$-4621		7.3	1.6	-.2	.6	7.3
21ST	252.00	.0	.0	1888	1888	.0	.0	\$\$\$12702		7.2	1.6	-.2	.5	6.4
22ND	264.25	.1	-.0	1888	1888	.1	-.0	-40 8567		7.1	1.6	-.1	.4	5.6
23RD	276.50	.2	-.0	1888	1888	.1	-.0	\$\$\$ 5026		6.9	1.6	-.1	.3	4.7
24TH	288.75	.3	-.1	1888	1888	.2	-.0	\$\$\$ 3489		6.6	1.7	-.1	.3	3.8
25TH	301.00	.5	-.1	1888	1888	.3	-.1	-609 2170		6.1	1.8	-.1	.2	2.9
		.8	-.3	1888	1888	.4	-.1	-449 1352						

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	1.3	-.3	2200	2200	.6	-.2	-241	974	5.3	2.1	-.1	.1	2.0
PENT	327.75	4.0	2.4	2310	2310	1.7	1.0	132	218	4.0	2.4	-.0	.0	.9
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									6.6	-55.9	1.0	5.2	27.7
2ND	19.25	-1.1	-16.5	1659	1110	-1.1	-14.8	-60	-0	6.7	-39.4	.1	5.1	26.9
3RD	31.50	-1.9	-12.6	1178	839	-1.8	-15.0	-57	-4	7.7	-26.8	-.3	5.0	26.4
4TH	43.75	-2.9	-14.3	1283	944	-2.3	-15.1	-49	-10	10.6	-12.6	-5	4.9	25.8
5TH	56.00	-3.0	-14.4	1283	944	-2.3	-15.2	-49	-10	13.6	1.8	-.6	4.7	25.2
6TH	68.25	-2.4	-9.2	1526	1323	-1.6	-6.9	-99	-26	16.0	11.0	-.5	4.5	24.5
7TH	80.50	-1.3	-1.0	1888	1888	-.7	-.5	-487	-643	17.3	12.0	-.4	4.3	23.4
8TH	92.75	-1.1	-.4	1888	1888	-.6	-.2	-372	-1104	18.4	12.3	-.2	4.1	22.4
9TH	105.00	-1.0	.3	1888	1888	-.5	.1	325	-1219	19.4	12.1	-.1	3.9	21.4
10TH	117.25	-.9	.9	1888	1888	-.5	.5	694	-735	20.3	11.2	.1	3.6	20.4
11TH	129.50	-.9	1.5	1888	1888	-.5	.8	648	-379	21.2	9.7	.2	3.4	19.4
12TH	141.75	-.8	2.2	1888	1888	-.4	1.1	538	-208	22.1	7.5	.3	3.1	18.3
13TH	154.00	-.6	2.2	1888	1888	-.3	1.2	557	-143	22.6	5.3	.4	2.8	17.3
14TH	166.25	-.2	2.0	1888	1888	-.1	1.1	651	-75	22.9	3.2	.4	2.6	16.3
15TH	178.50	.1	1.8	1888	1888	.1	1.0	739	47	22.8	1.4	.5	2.3	15.2
16TH	190.75	.5	1.6	1888	1888	.2	.8	781	227	22.3	-.1	.5	2.0	14.2
17TH	203.00	.8	1.4	1888	1888	.4	.7	729	433	21.5	-1.5	.4	1.7	13.2
18TH	215.25	1.2	1.1	1888	1888	.6	.6	581	591	20.3	-2.6	.4	1.5	12.1
19TH	227.50	1.5	.9	1888	1888	.8	.5	414	669	18.9	-3.5	.4	1.2	11.1
20TH	239.75	1.5	.7	1888	1888	.8	.4	339	734	17.3	-4.2	.3	1.0	10.0
21ST	252.00	1.6	.5	1888	1888	.9	.3	252	779	15.7	-4.8	.3	.8	8.9
22ND	264.25	1.7	.3	1888	1888	.9	.2	159	802	14.0	-5.1	.2	.6	7.8
23RD	276.50	1.8	.2	1888	1888	1.0	.1	70	803	12.2	-5.3	.2	.5	6.7
24TH	288.75	1.9	-.0	1888	1888	1.0	-.0	-11	787	10.3	-5.2	.1	.3	5.5
25TH	301.00	1.8	-.7	1888	1888	1.0	-.4	-287	740	8.4	-4.5	.0	.2	4.3
		1.6	-2.1	1888	1888	.9	-1.1	-508	396					

TABLE 7. SHEAR AND MOMENT DIAGRAM 1 PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									6.8	-2.4	- 0	.1	3.0
		1.7	-3.9	2200	2200	.8	-1.8	-454	201	5.1	1.5	- 0	.1	1.3
PENT	327.75	5.1	1.5	2310	2310	2.2	.6	90	313	0.0	0.0	0.0	0.0	0.0
TOP	347.75													

TABLE 7 SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-2.1	-31.5	-5.7	3.1	29.7
2ND	19.25	-1.2	-16.9	1659	1110	-1.7	-15.2	-61	-4	-1.0	-14.6	-6.1	3.2	28.9
3RD	31.50	-1.1	-13.0	1178	839	-1.9	-15.6	-58	-5	.1	-1.5	-6.2	3.2	28.3
4TH	43.75	-2.8	-14.8	1283	944	-2.2	-15.6	-50	-9	2.9	13.3	-6.1	3.1	27.7
5TH	56.00	-2.8	-14.8	1283	944	-2.2	-15.7	-50	-9	5.7	28.1	-5.9	3.1	27.1
6TH	68.25	-2.0	-8.7	1526	1323	-1.3	-6.6	-112	-26	7.7	36.8	-5.5	3.0	26.3
7TH	80.50	-.8	.6	1888	1888	-.4	.3	820	-1129	8.5	36.2	-5.0	2.9	25.2
8TH	92.75	-.9	.9	1888	1888	-.5	.5	830	-825	9.4	35.3	-4.6	2.8	24.1
9TH	105.00	-.8	1.1	1888	1888	-.4	.6	835	-599	10.2	34.2	-4.2	2.7	22.9
10TH	117.25	-.8	1.4	1888	1888	-.4	.8	781	-439	11.0	32.7	-3.8	2.6	21.8
11TH	129.50	-.8	1.7	1888	1888	-.4	.9	717	-327	11.8	31.0	-3.4	2.4	20.7
12TH	141.75	-.7	2.0	1888	1888	-.4	1.0	656	-249	12.5	29.1	-3.0	2.3	19.5
13TH	154.00	-.6	2.0	1888	1888	-.3	1.1	674	-210	13.2	27.1	-2.7	2.1	18.4
14TH	166.25	-.4	1.9	1888	1888	-.2	1.0	737	-168	13.6	25.1	-2.3	1.9	17.2
15TH	178.50	-.3	1.8	1888	1888	-.1	1.0	799	-109	13.8	23.3	-2.0	1.8	16.1
16TH	190.75	-.1	1.8	1888	1888	-.0	.9	855	-31	13.9	21.6	-1.8	1.6	14.9
17TH	203.00	.1	1.7	1888	1888	.1	.9	898	67	13.8	19.9	-1.5	1.4	13.7
18TH	215.25	.3	1.6	1888	1888	.2	.8	919	181	13.5	18.3	-1.3	1.3	12.6
19TH	227.50	.5	1.5	1888	1888	.3	.8	897	292	13.0	16.8	-1.1	1.1	11.4
20TH	239.75	.5	1.6	1888	1888	.3	.8	876	296	12.4	15.2	-.9	1.0	10.2
21ST	252.00	.6	1.6	1888	1888	.3	.9	857	300	11.9	13.6	-.7	.8	9.0
22ND	264.25	.6	1.6	1888	1888	.3	.9	838	303	11.3	11.9	-.5	.7	7.8
23RD	276.50	.6	1.7	1888	1888	.3	.9	821	306	10.7	10.3	-.4	.5	6.6
24TH	288.75	.7	1.7	1888	1888	.4	.9	804	308	10.0	8.5	-.3	.4	5.3
25TH	301.00	.7	1.6	1888	1888	.4	.9	816	368	9.3	6.9	-.2	.3	4.1
		.9	1.4	1888	1888	.5	.7	801	534					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	1.5	1.5	2200	2200	.7	.7	622	641	8.3	5.5	- .1	.2	2.8
PENT	327.75	6.8	4.0	2310	2310	2.9	1.7	110	187	6.8	4.0	- .0	.1	1.3
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (2)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
GRND	0.00									-23.6	-45.3	-2.0	1.7	31.1
2ND	19.25	-10.1	-18.4	1659	1110	-6.1	-16.6	-48	-26	-13.5	-26.9	-2.7	2.1	30.2
3RD	31.50	-3.9	-13.3	1178	839	-3.3	-15.8	-55	-16	-9.6	-13.6	-2.9	2.2	29.6
4TH	43.75	-3.2	-15.0	1283	944	-2.5	-15.9	-49	-11	-6.4	1.3	-3.0	2.3	29.0
5TH	56.00	-2.8	-15.0	1283	944	-2.2	-15.9	-49	-9	-3.6	16.4	-2.9	2.4	28.4
6TH	68.25	-1.4	-6.7	1526	1323	-1.9	-5.1	-152	-33	-2.2	23.1	-2.6	2.4	27.6
7TH	80.50	-1.8	5.1	1888	1888	-1.0	2.7	297	-108	-.4	18.0	-2.4	2.4	26.3
8TH	92.75	-4.0	4.0	1888	1888	-2.1	2.1	234	-231	3.6	14.0	-2.2	2.4	24.8
9TH	105.00	-3.1	3.0	1888	1888	-1.7	1.6	286	-296	6.7	11.0	-2.0	2.3	23.4
10TH	117.25	-2.1	2.0	1888	1888	-1.1	1.1	406	-425	8.8	9.0	-1.9	2.3	22.1
11TH	129.50	-1.1	1.0	1888	1888	-.6	.5	760	-819	9.9	8.0	-1.8	2.1	20.9
12TH	141.75	-.0	-.0	1888	1888	-.0	-.0	#####		9.9	8.0	-1.7	2.0	19.7
13TH	154.00	.3	-.4	1888	1888	.2	-.2	#### 1814		9.6	8.4	-1.6	1.9	18.5
14TH	166.25	.2	-.4	1888	1888	.1	-.2	#### 1798		9.4	8.8	-1.5	1.8	17.3
15TH	178.50	.1	-.3	1888	1888	.1	-.2	#### 1614		9.3	9.1	-1.4	1.7	16.1
16TH	190.75	.1	-.3	1888	1888	.0	-.2	#### 1114		9.2	9.4	-1.3	1.6	15.0
17TH	203.00	.0	-.3	1888	1888	.0	-.2	#### 130		9.2	9.7	-1.2	1.4	13.7
18TH	215.25	-.1	-.3	1888	1888	-.0	-.1	#### -1317		9.3	10.0	-1.1	1.3	12.5
19TH	227.50	-.2	-.2	1888	1888	-.1	-.1	#### -2934		9.4	10.2	-.9	1.2	11.3
20TH	239.75	-.3	-.1	1888	1888	-.2	-.0	#### -4946		9.7	10.3	-.8	1.1	10.1
21ST	252.00	-.4	.1	1888	1888	-.2	.1	844-3373		10.2	10.2	-.7	1.0	8.8
22ND	264.25	-.6	.3	1888	1888	-.3	.2	1095-2194		10.8	9.9	-.6	.8	7.6
23RD	276.50	-.7	.5	1888	1888	-.4	.2	1016-1558		11.5	9.4	-.4	.7	6.4
24TH	288.75	-.9	.7	1888	1888	-.5	.3	899-1190		12.3	8.8	-.3	.6	5.1
25TH	301.00	-.5	.9	1888	1888	-.2	.5	1426 -720		12.8	7.9	-.2	.4	3.9
		.7	1.1	1888	1888	.4	.6	1027 614						

TABLE 7 SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									12.1	6.7	- 1	.3	2.6
PENT	327.75	2.4	1.8	2200	2200	1.1	.8	357	486	9.7	4.9	- 0	.1	1.2
TOP	347.75	9.7	4.9	2310	2310	4.2	2.1	66	129	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-8.7	-15.0	1659	1110	-5.3	-13.5	-45	-26	33.1	-44.1	-1.8	14.8	31.2
2ND	19.25	-4.1	-11.3	1178	839	-3.5	-13.5	-52	-19	41.8	-29.1	-1.5	14.1	30.5
3RD	31.50	-4.4	-13.3	1283	944	-3.5	-14.1	-45	-15	45.9	-17.8	-1.8	13.5	30.0
4TH	43.75	-4.1	-13.6	1283	944	-3.2	-14.4	-46	-14	50.3	-4.4	-1.9	13.0	29.4
5TH	56.00	-3.2	-6.9	1526	1323	-2.1	-5.2	-118	-55	54.4	9.2	-1.9	12.3	28.9
6TH	68.25	-2.9	3.3	1888	1888	-1.6	1.7	264	-236	57.6	16.0	-1.7	11.6	28.1
7TH	80.50	-3.3	2.8	1888	1888	-1.7	1.5	252	-301	60.6	12.7	-1.6	10.9	26.9
8TH	92.75	-1.8	2.3	1888	1888	-1.0	1.2	450	-365	63.9	10.0	-1.4	10.1	25.6
9TH	105.00	-1.2	1.7	1888	1888	-1.1	.9	938	-119	65.7	7.7	-1.3	9.4	24.3
10TH	117.25	1.4	1.2	1888	1888	.7	.6	585	662	65.9	6.0	-1.2	8.5	23.0
11TH	129.50	3.0	.7	1888	1888	1.6	.4	121	510	64.5	4.8	-1.2	7.7	21.8
12TH	141.75	3.4	.3	1888	1888	1.8	.2	40	467	61.5	4.0	-1.1	7.0	20.5
13TH	154.00	3.4	.1	1888	1888	1.8	.1	15	479	58.1	3.7	-1.1	6.2	19.3
14TH	166.25	3.3	-.1	1888	1888	1.8	-.0	-12	490	54.8	3.6	-1.0	5.5	18.0
15TH	178.50	3.2	-.3	1888	1888	1.7	-.1	-41	497	51.4	3.7	-1.0	4.9	16.8
16TH	190.75	3.2	-.5	1888	1888	1.7	-.2	-72	501	48.2	4.0	-.9	4.3	15.5
17TH	203.00	3.1	-.6	1888	1888	1.7	-.3	-103	501	45.0	4.5	-.9	3.7	14.3
18TH	215.25	3.1	-.8	1888	1888	1.6	-.4	-129	500	41.9	5.1	-.8	3.2	13.0
19TH	227.50	3.1	-.6	1888	1888	1.6	-.3	-106	510	38.8	5.9	-.8	2.7	11.7
20TH	239.75	3.1	-.5	1888	1888	1.7	-.3	-83	517	35.7	6.5	-.7	2.2	10.4
21ST	252.00	3.1	-.4	1888	1888	1.7	-.2	-59	523	32.6	7.0	-.6	1.8	9.2
22ND	264.25	3.1	-.2	1888	1888	1.7	-.1	-34	526	29.4	7.4	-.5	1.4	7.9
23RD	276.50	3.2	-.1	1888	1888	1.7	-.0	-10	527	26.3	7.6	-.4	1.1	6.6
24TH	288.75	3.3	.2	1888	1888	1.7	.1	27	565	23.1	7.7	-.3	.8	5.3
25TH	301.00	3.7	.6	1888	1888	1.9	.3	77	437	19.8	7.5	-.2	.5	4.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 260 CONFIGURATION A REFERENCE PPESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	5.0	1.6	2200	2200	2.3	.7	109	347	16.2	6.8	- 1	.3	2.7
PENT	327.75	11.2	5.3	2310	2310	4.8	2.3	55	118	11.2	5.3	- .1	.1	1.2
TGP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									113.6	-122.6	16.5	30.4	29.4
2ND	19.25	-3.1	-16.3	1659	1110	-1.9	-14.7	-60	-11	116.7	-106.2	16.3	28.2	28.6
3RD	31.50	-1.7	-12.4	1178	839	-1.4	-14.7	-59	-8	118.4	-93.9	15.1	26.7	28.0
4TH	43.75	-2.9	-14.2	1283	944	-2.2	-15.0	-51	-10	121.3	-79.7	14.0	25.3	27.5
5TH	56.00	-2.6	-14.3	1283	944	-2.0	-15.2	-51	-9	123.9	-65.4	13.1	23.8	26.9
6TH	68.25	-1.6	-8.6	1526	1323	-1.0	-6.5	-113	-21	125.4	-56.8	12.4	22.3	26.1
7TH	80.50	-.3	.1	1888	1888	-.1	.1	2354	-4218	125.7	-56.9	11.7	20.7	25.0
8TH	92.75	.2	.3	1888	1888	.1	.2	3767	2285	125.5	-57.2	11.0	19.2	23.8
9TH	105.00	1.3	.5	1888	1888	.7	.2	382	1089	124.2	-57.6	10.3	17.6	22.6
10TH	117.25	2.4	.6	1888	1888	1.3	.3	157	626	121.8	-58.3	9.6	16.1	21.3
11TH	129.50	3.5	.8	1888	1888	1.9	.4	95	443	118.3	-59.0	8.9	14.7	20.1
12TH	141.75	4.6	.9	1888	1888	2.5	.5	67	345	113.7	-59.9	8.1	13.2	18.8
13TH	154.00	5.0	.5	1888	1888	2.7	.3	34	327	108.6	-60.4	7.4	11.9	17.5
14TH	166.25	5.2	-.0	1888	1888	2.7	-.0	-1	319	103.4	-60.4	6.7	10.6	16.2
15TH	178.50	5.3	-.5	1888	1888	2.8	-.3	-31	305	98.1	-59.9	5.9	9.3	14.9
16TH	190.75	5.5	-1.1	1888	1888	2.9	-.6	-56	287	92.7	-58.8	5.2	8.2	13.7
17TH	203.00	5.6	-1.6	1888	1888	3.0	-.8	-76	266	87.1	-57.2	4.5	7.1	12.4
18TH	215.25	5.7	-2.1	1888	1888	3.0	-1.1	-91	245	81.3	-55.1	3.8	6.0	11.2
19TH	227.50	5.8	-2.7	1888	1888	3.1	-1.4	-104	223	75.5	-52.4	3.1	5.1	10.0
20TH	239.75	6.0	-3.5	1888	1888	3.2	-1.9	-113	193	69.5	-48.8	2.5	4.2	8.8
21ST	252.00	6.1	-4.3	1888	1888	3.2	-2.3	-117	166	63.4	-44.5	2.0	3.4	7.6
22ND	264.25	6.3	-5.1	1888	1888	3.3	-2.7	-116	143	57.1	-39.4	1.4	2.6	6.4
23RD	276.50	6.4	-5.9	1888	1888	3.4	-3.1	-113	124	50.7	-33.6	1.0	2.0	5.3
24TH	288.75	6.6	-6.7	1888	1888	3.5	-3.5	-108	107	44.1	-26.9	.6	1.4	4.2
25TH	301.00	7.1	-7.3	1888	1888	3.7	-3.9	-97	94	37.1	-19.6	.3	.9	3.1
		8.3	-7.6	1888	1888	4.4	-4.0	-78	85					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									28.7	-12.0	.1	.5	2.1
PENT	327.75	11.4	-8.8	2200	2200	5.2	-4.0	-60	78	17.3	-3.2	.0	.2	1.0
TOP	347.75	17.3	-3.2	2310	2310	7.5	-1.4	-14	73	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									85.1	-197.4	36.5	25.4	26.7
2ND	19.25	-1.8	-14.6	1659	1110	-1.1	-13.2	-61	-7	86.9	-182.8	32.8	23.8	26.0
3RD	31.50	-1.7	-11.6	1178	839	-1.4	-13.9	-58	-8	88.6	-171.1	30.7	22.7	25.5
4TH	43.75	-3.5	-13.7	1283	944	-2.7	-14.5	-49	-12	92.1	-157.4	28.7	21.6	24.9
5TH	56.00	-3.4	-14.1	1283	944	-2.6	-14.9	-49	-12	95.5	-143.3	26.8	20.4	24.4
6TH	68.25	-2.8	-9.5	1526	1323	-1.8	-7.2	-95	-28	98.3	-133.8	25.1	19.2	23.6
7TH	80.50	-1.7	-2.1	1888	1888	-.9	-1.1	-399	-314	99.9	-131.7	23.5	18.0	22.5
8TH	92.75	-1.0	-2.0	1888	1888	-.5	-1.0	-580	-296	100.9	-129.7	21.9	16.8	21.4
9TH	105.00	-.1	-1.8	1888	1888	-.1	-.9	-819	-69	101.1	-127.9	20.3	15.6	20.3
10TH	117.25	.7	-1.6	1888	1888	.4	-.9	-788	343	100.4	-126.3	18.8	14.3	19.1
11TH	129.50	1.6	-1.5	1888	1888	.8	-.8	-499	537	98.8	-124.9	17.2	13.1	17.9
12TH	141.75	2.4	-1.3	1888	1888	1.3	-.7	-276	519	96.4	-123.6	15.7	11.9	16.7
13TH	154.00	2.8	-1.8	1888	1888	1.5	-.9	-255	408	93.6	-121.8	14.2	10.8	15.4
14TH	166.25	3.1	-2.5	1888	1888	1.6	-1.3	-249	308	90.5	-119.3	12.7	9.6	14.2
15TH	178.50	3.3	-3.2	1888	1888	1.8	-1.7	-230	239	87.1	-116.1	11.3	8.5	13.0
16TH	190.75	3.6	-3.9	1888	1888	1.9	-2.1	-208	190	83.5	-112.2	9.9	7.5	11.8
17TH	203.00	3.9	-4.7	1888	1888	2.0	-2.5	-188	155	79.7	-107.5	8.5	6.5	10.7
18TH	215.25	4.1	-5.4	1888	1888	2.2	-2.9	-169	129	75.5	-102.1	7.2	5.5	9.6
19TH	227.50	4.4	-6.2	1888	1888	2.3	-3.3	-153	109	71.1	-95.9	6.0	4.6	8.5
20TH	239.75	5.0	-7.1	1888	1888	2.6	-3.7	-130	92	66.1	-88.9	4.9	3.8	7.4
21ST	252.00	5.6	-7.9	1888	1888	3.0	-4.2	-111	78	60.6	-80.9	3.9	3.0	6.4
22ND	264.25	6.2	-8.8	1888	1888	3.3	-4.7	-97	67	54.4	-72.1	2.9	2.3	5.4
23RD	276.50	6.7	-9.7	1888	1888	3.6	-5.1	-85	59	47.7	-62.4	2.1	1.7	4.4
24TH	288.75	7.3	-10.6	1888	1888	3.9	-5.6	-74	51	40.3	-51.8	1.4	1.2	3.5
25TH	301.00	8.0	-11.5	1888	1888	4.2	-6.1	-65	45	32.3	-40.2	.8	.7	2.7
		8.9	-12.3	1888	1888	4.7	-6.5	-57	41					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	11.6	-15.1	2200	2200	5.3	-6.9	-49	38	23.4	-27.9	.4	.4	1.9
PENT	327.75	11.8	-12.8	2310	2310	5.1	-5.6	-51	47	11.8	-12.8	.1	.1	.9
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									50.1	-294.4	58.3	18.7	29.6
2ND	19.25	-2.7	-15.1	1659	1110	-1.6	-13.6	-60	-11	52.8	-279.4	52.8	17.7	28.9
3RD	31.50	-2.5	-12.1	1178	839	-2.2	-14.4	-57	-12	55.3	-267.3	49.4	17.0	28.3
4TH	43.75	-4.6	-14.4	1283	944	-3.6	-15.3	-47	-15	59.9	-252.9	46.3	16.3	27.7
5TH	56.00	-4.9	-15.1	1283	944	-3.8	-16.0	-47	-15	64.8	-237.8	43.3	15.5	27.1
6TH	68.25	-4.6	-11.0	1526	1323	-3.0	-8.3	-79	-33	69.4	-226.8	40.4	14.7	26.3
7TH	80.50	-4.0	-4.2	1888	1888	-2.1	-2.2	-178	-173	73.4	-222.7	37.7	13.8	25.2
8TH	92.75	-3.7	-4.3	1888	1888	-2.0	-2.3	-207	-177	77.1	-218.3	35.0	12.9	24.0
9TH	105.00	-2.7	-4.5	1888	1888	-1.4	-2.4	-262	-159	79.8	-213.8	32.3	12.0	22.8
10TH	117.25	-1.7	-4.7	1888	1888	-.9	-2.5	-316	-114	81.5	-209.1	29.7	11.0	21.5
11TH	129.50	-.7	-4.9	1888	1888	-.3	-2.6	-350	-47	82.2	-204.3	27.2	10.0	20.1
12TH	141.75	.4	-5.0	1888	1888	.2	-2.7	-353	27	81.8	-199.3	24.7	9.0	18.7
13TH	154.00	1.4	-5.4	1888	1888	.7	-2.9	-309	78	80.4	-193.9	22.3	8.0	17.4
14TH	166.25	2.2	-6.0	1888	1888	1.2	-3.2	-254	95	78.2	-187.9	20.0	7.0	16.0
15TH	178.50	3.1	-6.5	1888	1888	1.7	-3.5	-211	101	75.1	-181.4	17.7	6.1	14.7
16TH	190.75	4.0	-7.1	1888	1888	2.1	-3.8	-176	99	71.1	-174.3	15.5	5.2	13.4
17TH	203.00	4.9	-7.7	1888	1888	2.6	-4.1	-149	95	66.2	-166.6	13.4	4.3	12.2
18TH	215.25	5.8	-8.2	1888	1888	3.1	-4.4	-127	89	60.4	-158.4	11.4	3.5	11.0
19TH	227.50	6.4	-9.0	1888	1888	3.4	-4.8	-112	80	54.0	-149.4	9.6	2.8	9.8
20TH	239.75	6.4	-10.5	1888	1888	3.4	-5.5	-104	63	47.6	-139.0	7.8	2.2	8.7
21ST	252.00	6.3	-11.9	1888	1888	3.3	-6.3	-95	50	41.3	-127.0	6.2	1.7	7.5
22ND	264.25	6.3	-13.4	1888	1888	3.3	-7.1	-86	40	35.0	-113.6	4.7	1.2	6.4
23RD	276.50	6.2	-14.9	1888	1888	3.3	-7.9	-78	33	28.8	-98.7	3.4	.8	5.4
24TH	288.75	6.2	-16.3	1888	1888	3.3	-8.7	-71	27	22.7	-82.4	2.3	.5	4.3
25TH	301.00	6.3	-17.8	1888	1888	3.3	-9.4	-65	23	16.4	-64.6	1.4	.3	3.3
		6.6	-19.1	1888	1888	3.5	-10.1	-60	21					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	7.8	-23.7	2200	2200	3.6	-10.8	-56	18	9.8	-45.5	.7	.1	2.4
PENT	327.75	2.0	-21.9	2310	2310	.9	-9.5	-71	6	2.0	-21.9	.2	.0	1.2
TGP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 300° CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									69.6	-281.9	55.7	19.8	33.3
2ND	19.25	-1.5	-16.2	1659	1110	-1.9	-14.6	-63	-6	71.0	-265.7	50.4	18.5	32.5
3RD	31.50	-1.6	-13.0	1178	839	-1.4	-15.5	-60	-7	72.7	-252.7	47.3	17.6	31.9
4TH	43.75	-3.7	-15.6	1283	944	-2.9	-16.5	-50	-12	76.4	-237.1	44.3	16.7	31.2
5TH	56.00	-4.0	-16.4	1283	944	-3.2	-17.3	-50	-12	80.4	-220.7	41.5	15.7	30.6
6TH	68.25	-3.6	-11.1	1526	1323	-2.4	-8.4	-96	-31	84.1	-209.6	38.8	14.7	29.7
7TH	80.50	-2.7	-2.6	1888	1888	-1.5	-1.4	-301	-314	86.8	-207.0	36.3	13.7	28.4
8TH	92.75	-2.5	-3.1	1888	1888	-1.3	-1.6	-332	-273	89.4	-203.9	33.7	12.6	27.1
9TH	105.00	-1.7	-3.5	1888	1888	-1.9	-1.9	-396	-193	91.1	-200.3	31.3	11.5	25.7
10TH	117.25	-1.8	-4.0	1888	1888	-1.4	-2.1	-419	-88	91.9	-196.3	28.8	10.4	24.4
11TH	129.50	1.0	-4.4	1888	1888	1.0	-2.4	-395	4	91.9	-191.9	26.5	9.2	23.0
12TH	141.75	1.9	-4.9	1888	1888	1.5	-2.6	-348	67	90.9	-187.0	24.1	8.1	21.6
13TH	154.00	2.2	-5.1	1888	1888	1.2	-2.7	-291	124	88.8	-181.9	21.9	7.0	20.3
14TH	166.25	3.5	-5.3	1888	1888	1.8	-2.8	-228	150	85.3	-176.6	19.7	5.9	18.9
15TH	178.50	4.8	-5.5	1888	1888	2.5	-2.9	-177	154	80.5	-171.1	17.6	4.9	17.6
16TH	190.75	6.1	-5.7	1888	1888	3.2	-3.0	-139	148	74.3	-165.4	15.5	4.0	16.3
17TH	203.00	7.4	-5.9	1888	1888	3.9	-3.1	-110	139	66.9	-159.4	13.5	3.1	15.0
18TH	215.25	8.7	-6.1	1888	1888	4.6	-3.2	-90	128	58.2	-153.3	11.6	2.3	13.7
19TH	227.50	9.8	-6.6	1888	1888	5.2	-3.5	-79	117	48.4	-146.7	9.8	1.7	12.4
20TH	239.75	9.1	-8.4	1888	1888	4.8	-4.5	-92	99	39.3	-138.3	8.0	1.2	11.1
21ST	252.00	8.4	-10.3	1888	1888	4.4	-5.5	-98	80	31.0	-128.0	6.4	.7	9.8
22ND	264.25	7.7	-12.2	1888	1888	4.1	-6.4	-100	63	23.3	-115.8	4.9	.4	8.5
23RD	276.50	7.0	-14.0	1888	1888	3.7	-7.4	-97	48	16.3	-101.8	3.6	.1	7.2
24TH	288.75	6.3	-15.9	1888	1888	3.3	-8.4	-93	37	10.1	-85.9	2.4	-.0	5.8
25TH	301.00	5.6	-17.9	1888	1888	3.0	-9.5	-87	27	4.4	-68.0	1.5	-.1	4.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25									-1.0	-48.2	.7	-.1	3.2
		5.7	-25.0	2200	2200	2.6	-11.4	-74	17					
PENT	327.75									-6.7	-23.2	.2	-.1	1.7
		-6.7	-23.2	2310	2310	-2.9	-10.0	-87	-25					
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									8.0	-369.5	69.1	1.0	39.8
2ND	19.25	.3	-19.6	1659	1110	.2	-17.7	-62	1	7.7	-349.9	62.1	.9	38.8
3RD	31.50	-.1	-15.4	1178	839	-.1	-18.4	-60	-1	7.8	-334.5	58.0	.8	38.1
4TH	43.75	-2.4	-17.9	1283	944	-1.9	-19.0	-52	-7	10.3	-316.5	54.0	.7	37.4
5TH	56.00	-2.4	-18.3	1283	944	-1.9	-19.4	-52	-7	12.7	-298.2	50.2	.5	36.6
6TH	68.25	-2.0	-14.7	1526	1323	-1.3	-11.1	-83	-11	14.7	-283.5	46.6	.4	35.7
7TH	80.50	-1.3	-8.8	1888	1888	-.7	-4.7	-187	-27	16.0	-274.7	43.2	.2	34.3
8TH	92.75	-.8	-8.6	1888	1888	-.4	-4.5	-205	-19	16.8	-266.1	39.9	-.0	33.0
9TH	105.00	-.1	-8.3	1888	1888	-.1	-4.4	-220	-3	16.9	-257.7	36.7	-.2	31.6
10TH	117.25	.6	-8.1	1888	1888	.3	-4.3	-233	18	16.3	-249.6	33.6	-.4	30.1
11TH	129.50	1.3	-7.9	1888	1888	.7	-4.2	-242	41	14.9	-241.7	30.6	-.6	28.6
12TH	141.75	2.0	-7.7	1888	1888	1.1	-4.1	-247	66	12.9	-234.1	27.7	-.8	27.0
13TH	154.00	2.3	-8.0	1888	1888	1.2	-4.2	-239	70	10.6	-226.1	24.8	-.9	25.4
14TH	166.25	2.4	-8.5	1888	1888	1.3	-4.5	-228	66	8.1	-217.7	22.1	-1.1	23.8
15TH	178.50	2.6	-9.0	1888	1888	1.4	-4.8	-218	63	5.5	-208.7	19.5	-1.1	22.1
16TH	190.75	2.7	-9.5	1888	1888	1.4	-5.0	-209	60	2.8	-199.2	17.0	-1.2	20.5
17TH	203.00	2.8	-10.0	1888	1888	1.5	-5.3	-201	57	.0	-189.2	14.6	-1.2	18.8
18TH	215.25	3.0	-10.5	1888	1888	1.6	-5.6	-194	55	-3.0	-178.6	12.4	-1.2	17.1
19TH	227.50	3.0	-11.2	1888	1888	1.6	-5.9	-186	50	-6.0	-167.5	10.3	-1.1	15.3
20TH	239.75	2.4	-12.8	1888	1888	1.3	-6.8	-166	32	-8.4	-154.7	8.3	-1.1	13.6
21ST	252.00	1.9	-14.4	1888	1888	1.0	-7.6	-149	19	-10.3	-140.3	6.5	-.9	11.9
22ND	264.25	1.3	-16.0	1888	1888	.7	-8.5	-134	11	-11.5	-124.3	4.9	-.8	10.3
23RD	276.50	.7	-17.6	1888	1888	.4	-9.3	-121	5	-12.3	-106.7	3.5	-.7	8.6
24TH	288.75	.2	-19.2	1888	1888	.1	-10.2	-109	1	-12.4	-87.5	2.3	-.5	7.0
25TH	301.00	-.6	-20.8	1888	1888	-.3	-11.0	-99	-3	-11.9	-66.7	1.3	-.4	5.4
		-1.3	-22.1	1888	1888	-.7	-11.7	-93	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-2.3	-26.5	2200	2200	-1.1	-12.0	-90	-8	-10.6	-44.6	.6	-.2	3.8
PENT	327.75	-8.3	-18.1	2310	2310	-3.6	-7.8	-114	-52	-8.3	-18.1	.2	-.1	1.9
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-4.2	-27.0	1659	1110	-2.5	-24.3	-55	-9	-213.0	-763.4	139.8	-41.1	43.1
2ND	19.25	-2.7	-20.9	1178	839	-2.3	-24.9	-55	-7	-208.8	-736.4	125.4	-37.1	41.9
3RD	31.50	-5.6	-24.2	1283	944	-4.3	-25.6	-48	-11	-206.2	-715.5	116.5	-34.5	41.0
4TH	43.75	-4.9	-24.2	1283	944	-3.8	-25.6	-49	-10	-200.6	-691.3	107.9	-32.0	40.1
5TH	56.00	-6.7	-24.4	1526	1323	-4.4	-18.5	-61	-17	-195.7	-667.1	99.6	-29.6	39.1
6TH	68.25	-9.6	-24.9	1888	1888	-5.1	-13.2	-75	-29	-189.0	-642.7	91.6	-27.2	37.9
7TH	80.50	-8.7	-25.0	1888	1888	-4.6	-13.2	-78	-27	-179.5	-617.8	83.8	-25.0	36.2
8TH	92.75	-8.4	-25.1	1888	1888	-4.4	-13.3	-80	-27	-170.8	-592.7	76.4	-22.8	34.5
9TH	105.00	-8.0	-25.2	1888	1888	-4.2	-13.3	-82	-26	-162.4	-567.7	69.3	-20.8	32.8
10TH	117.25	-7.7	-25.3	1888	1888	-4.1	-13.4	-84	-25	-154.4	-542.5	62.5	-18.9	31.0
11TH	129.50	-7.3	-25.4	1888	1888	-3.9	-13.4	-86	-25	-146.7	-517.2	56.0	-17.0	29.2
12TH	141.75	-7.3	-26.0	1888	1888	-3.9	-13.8	-83	-23	-139.4	-491.9	49.8	-15.3	27.4
13TH	154.00	-7.3	-26.8	1888	1888	-3.9	-14.2	-80	-22	-132.2	-465.8	44.0	-13.6	25.6
14TH	166.25	-7.3	-27.6	1888	1888	-3.9	-14.6	-76	-20	-124.8	-439.0	38.4	-12.0	23.8
15TH	178.50	-7.3	-28.4	1888	1888	-3.9	-15.1	-73	-19	-117.5	-411.4	33.2	-10.5	22.1
16TH	190.75	-7.4	-29.2	1888	1888	-3.9	-15.5	-70	-18	-110.2	-383.0	28.4	-9.1	20.4
17TH	203.00	-7.4	-30.0	1888	1888	-3.9	-15.9	-68	-17	-102.8	-353.8	23.8	-7.8	18.7
18TH	215.25	-7.5	-30.9	1888	1888	-4.0	-16.4	-65	-16	-95.5	-323.7	19.7	-6.6	17.0
19TH	227.50	-7.7	-31.7	1888	1888	-4.1	-16.8	-62	-15	-88.0	-292.9	15.9	-5.5	15.4
20TH	239.75	-8.0	-32.6	1888	1888	-4.2	-17.3	-60	-15	-80.2	-261.1	12.5	-4.5	13.7
21ST	252.00	-8.3	-33.5	1888	1888	-4.4	-17.7	-58	-14	-72.2	-228.5	9.5	-3.5	12.1
22ND	264.25	-8.5	-34.3	1888	1888	-4.5	-18.2	-56	-14	-64.0	-195.0	6.9	-2.7	10.5
23RD	276.50	-8.8	-35.2	1888	1888	-4.7	-18.6	-54	-13	-55.5	-160.7	4.8	-2.0	9.0
24TH	288.75	-9.5	-35.2	1888	1888	-5.0	-18.7	-53	-14	-46.7	-125.5	3.0	-1.3	7.4
25TH	301.00	-10.3	-33.6	1888	1888	-5.5	-17.8	-57	-18	-37.2	-90.3	1.7	-.8	5.9

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-12.7	-35.5	2200	2200	-5.8	-16.1	-64	-23	-26.9	-56.7	.8	-.4	4.2
PENT	327.75	-14.2	-21.2	2310	2310	-6.2	-9.2	-94	-63	-14.2	-21.2	.2	-.1	2.2
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-457.8	-929.8	168.3	-86.1	43.7
2ND	19.25	-10.5	-29.3	1659	1110	-6.3	-26.3	-48	-17	-447.2	-900.5	150.7	-77.4	42.4
3RD	31.50	-7.3	-23.1	1178	839	-6.2	-27.5	-48	-15	-439.9	-877.5	139.8	-72.0	41.5
4TH	43.75	-10.9	-27.2	1283	944	-8.5	-28.8	-41	-16	-429.0	-850.3	129.2	-66.6	40.5
5TH	56.00	-10.2	-27.4	1283	944	-8.0	-29.0	-42	-16	-418.8	-822.9	119.0	-61.4	39.5
6TH	68.25	-12.7	-29.4	1526	1323	-8.3	-22.2	-48	-21	-406.1	-793.6	109.1	-56.4	38.2
7TH	80.50	-16.9	-32.4	1888	1888	-9.0	-17.2	-53	-28	-389.2	-761.2	99.6	-51.5	36.5
8TH	92.75	-16.7	-32.7	1888	1888	-8.9	-17.3	-54	-28	-372.5	-728.5	90.4	-46.8	34.8
9TH	105.00	-16.9	-33.0	1888	1888	-8.9	-17.5	-54	-28	-355.6	-695.5	81.7	-42.4	33.0
10TH	117.25	-17.0	-33.3	1888	1888	-9.0	-17.6	-55	-28	-338.6	-662.3	73.4	-38.1	31.2
11TH	129.50	-17.2	-33.6	1888	1888	-9.1	-17.8	-55	-28	-321.4	-628.7	65.5	-34.1	29.4
12TH	141.75	-17.3	-33.8	1888	1888	-9.2	-17.9	-55	-28	-304.1	-594.9	58.0	-30.3	27.6
13TH	154.00	-17.7	-34.6	1888	1888	-9.4	-18.3	-54	-28	-286.4	-560.3	50.9	-26.6	25.8
14TH	166.25	-18.0	-35.3	1888	1888	-9.5	-18.7	-52	-27	-268.4	-525.0	44.3	-23.2	24.0
15TH	178.50	-18.3	-36.0	1888	1888	-9.7	-19.1	-51	-26	-250.1	-488.9	38.1	-20.1	22.2
16TH	190.75	-18.6	-36.8	1888	1888	-9.8	-19.5	-49	-25	-231.6	-452.2	32.3	-17.1	20.5
17TH	203.00	-18.9	-37.5	1888	1888	-10.0	-19.9	-47	-24	-212.7	-414.7	27.0	-14.4	18.7
18TH	215.25	-19.1	-38.2	1888	1888	-10.1	-20.3	-46	-23	-193.6	-376.4	22.1	-11.9	17.0
19TH	227.50	-19.4	-39.0	1888	1888	-10.3	-20.6	-44	-22	-174.2	-337.4	17.8	-9.7	15.4
20TH	239.75	-19.4	-39.4	1888	1888	-10.3	-20.9	-43	-21	-154.7	-298.1	13.9	-7.6	13.7
21ST	252.00	-19.4	-39.8	1888	1888	-10.3	-21.1	-42	-21	-135.3	-258.3	10.5	-5.9	12.1
22ND	264.25	-19.4	-40.2	1888	1888	-10.3	-21.3	-41	-20	-115.9	-218.1	7.5	-4.3	10.5
23RD	276.50	-19.4	-40.6	1888	1888	-10.3	-21.5	-40	-19	-96.5	-177.5	5.1	-3.0	9.0
24TH	288.75	-19.4	-41.0	1888	1888	-10.3	-21.7	-39	-19	-77.1	-136.5	3.2	-2.0	7.4
25TH	301.00	-19.4	-40.0	1888	1888	-10.3	-21.2	-40	-19	-57.6	-96.5	1.8	-1.1	5.9
		-19.5	-36.9	1888	1888	-10.3	-19.6	-44	-23					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-22.1	-37.5	2200	2200	-10.0	-17.0	-52	-30	-38.1	-59.6	.8	-.6	4.3
PENT	327.75	-16.1	-22.1	2310	2310	-7.0	-9.6	-86	-63	-16.1	-22.1	.2	-.2	2.3
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00									-663.4	-1014.5	182.9	-123.7	40.5
2ND	19.25	-15.2	-28.9	1659	1110	-9.2	-26.1	-41	-22	-648.2	-985.5	163.7	-111.1	39.3
3RD	31.50	-11.3	-23.0	1178	839	-9.6	-27.4	-41	-20	-636.9	-962.5	151.7	-103.2	38.4
4TH	43.75	-15.4	-27.4	1283	944	-12.0	-29.0	-35	-19	-621.5	-935.2	140.1	-95.5	37.5
5TH	56.00	-14.8	-27.7	1283	944	-11.6	-29.4	-36	-19	-606.6	-907.4	128.8	-88.0	36.5
6TH	68.25	-18.1	-31.2	1526	1323	-11.9	-23.6	-38	-22	-588.5	-876.2	117.9	-80.7	35.3
7TH	80.50	-23.7	-36.3	1888	1888	-12.6	-19.3	-39	-25	-564.8	-839.9	107.4	-73.6	33.7
8TH	92.75	-23.8	-37.0	1888	1888	-12.6	-19.6	-39	-25	-541.0	-802.9	97.3	-66.8	32.1
9TH	105.00	-24.3	-37.6	1888	1888	-12.9	-19.9	-39	-25	-516.7	-765.3	87.7	-60.4	30.5
10TH	117.25	-24.9	-38.3	1888	1888	-13.2	-20.3	-39	-25	-491.8	-727.0	78.6	-54.2	28.8
11TH	129.50	-25.5	-38.9	1888	1888	-13.5	-20.6	-39	-26	-466.3	-688.1	69.9	-48.3	27.2
12TH	141.75	-26.1	-39.6	1888	1888	-13.8	-21.0	-39	-26	-440.1	-648.6	61.7	-42.8	25.4
13TH	154.00	-26.6	-40.1	1888	1888	-14.1	-21.3	-38	-25	-413.5	-608.4	54.0	-37.5	23.7
14TH	166.25	-27.0	-40.6	1888	1888	-14.3	-21.5	-37	-25	-386.6	-567.8	46.8	-32.6	22.0
15TH	178.50	-27.3	-41.1	1888	1888	-14.5	-21.8	-36	-24	-359.2	-526.8	40.1	-28.1	20.4
16TH	190.75	-27.7	-41.5	1888	1888	-14.7	-22.0	-35	-23	-331.5	-485.2	33.9	-23.8	18.7
17TH	203.00	-28.0	-42.0	1888	1888	-14.9	-22.3	-34	-23	-303.5	-443.2	28.2	-19.9	17.1
18TH	215.25	-28.4	-42.5	1888	1888	-15.0	-22.5	-33	-22	-275.1	-400.7	23.1	-16.4	15.6
19TH	227.50	-28.7	-42.9	1888	1888	-15.2	-22.7	-32	-21	-246.4	-357.8	18.4	-13.2	14.1
20TH	239.75	-28.7	-43.2	1888	1888	-15.2	-22.9	-31	-21	-217.6	-314.6	14.3	-10.4	12.6
21ST	252.00	-28.7	-43.4	1888	1888	-15.2	-23.0	-30	-20	-188.9	-271.2	10.7	-7.9	11.1
22ND	264.25	-28.8	-43.7	1888	1888	-15.2	-23.1	-30	-19	-160.1	-227.5	7.7	-5.7	9.7
23RD	276.50	-28.8	-43.9	1888	1888	-15.2	-23.3	-29	-19	-131.4	-183.5	5.2	-3.9	8.3
24TH	288.75	-28.8	-44.2	1888	1888	-15.2	-23.4	-28	-18	-102.6	-139.4	3.2	-2.5	6.9
25TH	301.00	-28.0	-42.5	1888	1888	-14.9	-22.5	-29	-19	-74.6	-96.9	1.7	-1.4	5.5
		-26.8	-38.4	1888	1888	-14.2	-20.3	-33	-23					

TABLE 7. SHEAR AND MOMENT DIAGRAM : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-28.7	-38.0	2200	2200	-13.0	-17.3	-40	-30	-47.8	-58.5	.8	-.7	4.0
PENT	327.75	-19.1	-20.5	2310	2310	-8.3	-8.9	-73	-68	-19.1	-20.5	.2	-.2	2.2
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
GRND	0.00	-18.9	-28.0	1659	1110	-11.4	-25.2	-34	-23	-841.4	-1026.4	184.2	-156.8	34.2
2ND	19.25	-13.9	-22.2	1178	839	-11.8	-26.4	-34	-21	-822.5	-998.4	164.7	-140.8	33.1
3RD	31.50	-17.8	-26.2	1283	944	-13.9	-27.7	-29	-20	-808.6	-976.3	152.6	-130.8	32.3
4TH	43.75	-17.4	-26.5	1283	944	-13.6	-28.1	-30	-20	-790.8	-950.1	140.8	-121.0	31.4
5TH	56.00	-22.0	-31.3	1526	1323	-14.4	-23.6	-30	-21	-773.4	-923.5	129.3	-111.5	30.5
6TH	68.25	-29.4	-38.3	1888	1888	-15.6	-20.3	-29	-22	-751.4	-892.3	118.2	-102.1	29.4
7TH	80.50	-30.0	-38.9	1888	1888	-15.9	-20.6	-29	-22	-722.0	-854.0	107.5	-93.1	28.1
8TH	92.75	-31.0	-39.5	1888	1888	-16.4	-20.9	-28	-22	-692.0	-815.1	97.3	-84.4	26.7
9TH	105.00	-32.1	-40.1	1888	1888	-17.0	-21.2	-28	-22	-661.0	-775.6	87.5	-76.2	25.3
10TH	117.25	-33.1	-40.7	1888	1888	-17.5	-21.6	-27	-22	-628.9	-735.5	78.3	-68.3	23.9
11TH	129.50	-34.1	-41.3	1888	1888	-18.1	-21.9	-27	-22	-595.8	-694.8	69.5	-60.8	22.4
12TH	141.75	-34.8	-41.8	1888	1888	-18.4	-22.1	-26	-22	-561.7	-653.5	61.2	-53.7	21.0
13TH	154.00	-35.3	-42.1	1888	1888	-18.7	-22.3	-25	-21	-526.9	-611.7	53.5	-47.0	19.6
14TH	166.25	-35.7	-42.5	1888	1888	-18.9	-22.5	-24	-21	-491.6	-569.6	46.3	-40.8	18.2
15TH	178.50	-36.2	-42.8	1888	1888	-19.2	-22.7	-24	-20	-455.8	-527.2	39.5	-35.0	16.8
16TH	190.75	-36.7	-43.2	1888	1888	-19.4	-22.9	-23	-20	-419.6	-484.3	33.3	-29.6	15.5
17TH	203.00	-37.1	-43.5	1888	1888	-19.7	-23.0	-22	-19	-383.0	-441.2	27.7	-24.7	14.1
18TH	215.25	-37.5	-43.8	1888	1888	-19.8	-23.2	-22	-19	-345.9	-397.7	22.5	-20.2	12.8
19TH	227.50	-37.3	-43.9	1888	1888	-19.7	-23.2	-21	-18	-308.4	-353.9	17.9	-16.2	11.6
20TH	239.75	-37.1	-43.9	1888	1888	-19.6	-23.3	-20	-17	-271.2	-310.1	13.9	-12.7	10.3
21ST	252.00	-36.9	-44.0	1888	1888	-19.5	-23.3	-20	-17	-234.1	-266.1	10.3	-9.6	9.1
22ND	264.25	-36.6	-44.1	1888	1888	-19.4	-23.3	-19	-16	-197.2	-222.1	7.4	-6.9	8.0
23RD	276.50	-36.4	-44.2	1888	1888	-19.3	-23.4	-19	-15	-160.6	-178.0	4.9	-4.7	6.9
24TH	288.75	-35.1	-42.0	1888	1888	-18.6	-22.3	-20	-17	-124.2	-133.9	3.0	-3.0	5.8
25TH	301.00	-32.8	-37.4	1888	1888	-17.4	-19.8	-24	-21	-89.1	-91.9	1.6	-1.7	4.7

TABLE 7. SHEAR AND MOMENT DIAGRAMS : PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF
ECCENTRICITIES BASED ON 77 FT IN THE X DIRECTION AND 77 FT IN THE Y DIRECTION

GUST FACTOR 1.32

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
26TH	313.25	-34.3	-36.3	2200	2200	-15.6	-16.5	-30	-28	-56.3	-54.5	.7	-.8	3.5
PENT	327.75	-21.9	-18.2	2310	2310	-9.5	-7.9	-54	-65	-21.9	-18.2	.2	-.2	1.9
TOP	347.75									0.0	0.0	0.0	0.0	0.0

TABLE 7 PLAZA OF THE AMERICAS, EAST TOWER, DALLAS
 PROJECT 7960 CONFIGURATION A
 SCALE = 400 REF. PRESSURE = 27.0
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.25
 NUMBER OF SIDES = 6 NO. OF FLOORS = 27

SIDE	ANGLE	Z-AXIS
1	0.0	2.325
2	45.0	1.273
3	90.0	2.325
4	180.0	2.325
5	225.0	1.273
6	270.0	2.325

FLOOR #	LABEL	HEIGHT-FT
1	GRND	19.25
2	2ND	12.25
3	3RD	12.25
4	4TH	12.25
5	5TH	12.25
6	6TH	12.25
7	7TH	12.25
8	8TH	12.25
9	9TH	12.25
10	10TH	12.25
11	11TH	12.25
12	12TH	12.25
13	13TH	12.25
14	14TH	12.25
15	15TH	12.25
16	16TH	12.25
17	17TH	12.25
18	18TH	12.25
19	19TH	12.25
20	20TH	12.25
21	21ST	12.25
22	22ND	12.25
23	23RD	12.25
24	24TH	12.25
25	25TH	12.25
26	26TH	14.50
27	PENT	20.00

APPENDIX A
PRESSURE DATA

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

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	230	-	0.47	-	0.81	10	325	-	0.47	-	0.81	10	375	-	0.69	0.53	-
10	231	-	0.43	-	0.81	10	326	-	0.70	-	1.20	10	376	-	0.60	0.53	-
10	232	-	0.32	-	0.48	10	327	-	0.71	-	1.40	10	377	-	0.99	0.62	-
10	233	-	0.37	-	1.00	10	328	-	0.74	-	1.71	10	378	-	0.97	0.68	-
10	234	-	0.38	-	0.95	10	329	-	0.66	-	1.86	10	379	-	0.99	0.63	-
10	235	-	0.61	-	1.08	10	330	-	0.73	-	1.35	10	380	-	0.98	0.70	-
10	236	-	0.47	-	1.50	10	331	-	0.76	-	1.20	10	381	-	0.98	0.68	-
10	237	-	0.51	-	0.77	10	332	-	0.74	-	1.39	10	382	-	0.98	0.80	-
10	238	-	0.49	-	1.18	10	333	-	0.77	-	0.73	10	383	-	0.95	0.65	-
10	239	-	0.47	-	0.87	10	334	-	0.77	-	0.81	10	384	-	0.92	0.72	-
10	240	-	0.40	-	1.03	10	335	-	0.69	-	1.20	10	385	-	0.90	0.45	-
10	241	-	0.47	-	0.83	10	336	-	0.81	-	1.07	10	386	-	0.94	0.95	-
10	242	-	0.54	-	1.04	10	337	-	0.38	-	1.11	10	387	-	0.94	1.05	-
10	243	-	0.54	-	1.03	10	338	-	0.42	-	1.17	10	388	-	0.98	0.48	-
10	244	-	0.51	-	0.52	10	339	-	0.83	-	1.28	10	389	-	0.99	0.68	-
10	245	-	0.60	-	0.24	10	340	-	0.83	-	1.00	10	390	-	0.95	1.52	-
10	246	-	0.61	-	0.66	10	341	-	0.82	-	1.51	10	391	-	0.92	0.21	-
10	247	-	0.57	-	0.53	10	342	-	1.01	-	0.73	10	392	-	0.99	0.07	-
10	248	-	0.44	-	0.79	10	343	-	0.99	-	0.16	10	393	-	0.95	0.17	-
10	249	-	0.49	-	0.90	10	344	-	0.94	-	0.24	10	394	-	0.96	0.38	-
10	250	-	0.53	-	1.36	10	345	-	0.74	-	1.11	10	395	-	0.97	0.38	-
10	251	-	0.47	-	0.50	10	346	-	0.82	-	0.55	10	396	-	0.95	1.02	-
10	252	-	0.46	-	0.79	10	347	-	0.82	-	1.00	10	397	-	0.96	1.48	-
10	253	-	0.43	-	1.20	10	348	-	0.54	-	1.06	10	398	-	0.96	1.25	-
10	254	-	0.52	-	0.97	10	349	-	0.48	-	1.16	10	399	-	0.93	1.04	-
10	255	-	0.61	-	0.69	10	350	-	0.49	-	1.09	10	400	-	0.93	0.42	-
10	301	-	0.72	-	1.51	10	351	-	0.48	-	1.13	10	401	-	0.93	0.20	-
10	302	-	0.81	-	1.12	10	352	-	1.25	-	2.30	10	402	-	0.99	1.35	-
10	303	-	1.30	-	0.75	10	353	-	1.16	-	1.71	10	403	-	1.18	0.45	-
10	304	-	0.92	-	1.12	10	354	-	1.41	-	0.71	10	404	-	1.02	0.88	-
10	305	-	0.64	-	1.14	10	355	-	1.17	-	0.93	10	405	-	0.95	0.39	-
10	306	-	0.73	-	0.76	10	356	-	0.90	-	1.35	10	406	-	0.92	0.92	-
10	307	-	0.80	-	1.50	10	357	-	0.70	-	0.41	10	407	-	0.93	1.60	-
10	308	-	0.77	-	1.10	10	358	-	0.84	-	1.17	10	408	-	0.99	0.43	-
10	309	-	1.17	-	1.74	10	359	-	0.96	-	0.43	10	409	-	0.99	0.91	-
10	310	-	0.91	-	1.25	10	360	-	0.87	-	1.86	10	410	-	0.95	0.90	-
10	311	-	0.74	-	1.05	10	361	-	0.65	-	1.44	10	411	-	0.94	0.73	-
10	312	-	0.65	-	1.05	10	362	-	0.65	-	0.91	10	412	-	0.91	0.51	-
10	313	-	0.63	-	1.69	10	363	-	0.56	-	0.32	10	413	-	0.97	0.63	-
10	314	-	0.71	-	1.59	10	364	-	0.53	-	0.73	10	414	-	1.96	0.92	-
10	315	-	0.70	-	1.63	10	365	-	0.58	-	0.43	10	415	-	1.53	0.73	-
10	316	-	0.73	-	1.59	10	366	-	1.06	-	0.32	10	416	-	1.11	0.52	-
10	317	-	0.70	-	1.59	10	367	-	1.06	-	0.71	10	417	-	1.05	0.53	-
10	318	-	0.79	-	1.22	10	368	-	0.60	-	1.74	10	418	-	0.86	0.40	-
10	319	-	0.77	-	1.20	10	369	-	0.57	-	1.79	10	419	-	0.67	0.24	-
10	320	-	0.85	-	1.12	10	370	-	0.54	-	1.96	10	420	-	0.48	0.01	-
10	321	-	0.64	-	1.16	10	371	-	0.78	-	1.89	10	421	-	1.77	0.97	-
10	322	-	0.61	-	0.52	10	372	-	0.77	-	1.31	10	422	-	1.51	0.82	-
10	323	-	0.56	-	0.72	10	373	-	0.79	-	1.72	10	423	-	1.33	0.80	-
10	324	-	0.53	-	0.58	10	374	-	0.52	-	1.80	10	424	-	0.97	0.56	-

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	335	-282	073	-035	-648	40	385	-229	099	-059	-861	40	435	-025	147	311	-708
40	336	-279	070	-039	-579	40	386	-237	084	-016	-696	40	436	025	122	375	-601
40	337	-292	071	-062	-583	40	387	-199	077	019	-530	40	437	078	088	374	-309
40	338	-300	088	-002	-729	40	388	-195	069	042	-511	40	438	105	069	379	-159
40	339	-299	078	-083	-590	40	389	-196	077	043	-433	40	439	089	046	318	-069
40	340	-303	079	-078	-619	40	390	-312	096	-030	-736	40	440	036	052	292	-144
40	341	-309	075	-123	-666	40	391	-222	077	022	-517	40	441	046	059	258	-248
40	342	-286	083	-044	-758	40	392	-207	078	128	-500	40	442	177	096	566	-173
40	343	-258	078	-023	-668	40	393	-215	067	004	-502	40	443	103	080	451	-142
40	344	-250	075	-069	-648	40	394	-136	062	427	-003	40	444	136	073	525	-092
40	345	-260	064	-085	-571	40	395	-137	064	431	-007	40	445	078	064	435	-127
40	346	-254	070	-055	-571	40	396	-228	072	-006	-514	40	446	033	051	219	-222
40	347	-269	078	-020	-635	40	397	-195	056	-004	-389	40	701	141	076	473	-125
40	348	-271	059	-070	-509	40	398	-192	080	088	-473	40	702	045	108	375	-311
40	349	-260	066	-003	-598	40	399	-196	083	055	-533	40	703	105	078	395	-196
40	350	-278	095	-078	-984	40	400	-183	069	038	-460	40	704	098	061	335	-108
40	351	-290	109	-126	-949	40	401	-424	123	-024	-1066	40	705	057	038	226	-076
40	352	-346	105	-068	-858	40	402	-269	107	113	-593	40	706	-110	053	063	-340
40	353	-357	102	-027	-965	40	403	-201	087	061	-502	40	801	-165	080	123	-540
40	354	-354	119	-039	-872	40	404	-426	083	-206	-783	40	802	-274	106	013	-993
40	355	-302	097	-033	-848	40	405	-352	093	-096	-694	40	803	-231	082	025	-856
40	356	-272	087	-010	-787	40	406	-312	088	-043	-682	40	804	-194	070	036	-515
40	357	-287	075	-040	-560	40	407	-558	227	-032	-1480	40	805	129	092	509	-106
40	358	-319	106	-005	-704	40	408	-368	092	-094	-706	40	806	238	113	743	-034
40	359	-280	092	-000	-698	40	409	-289	087	-033	-615	40	807	-202	073	-006	-572
40	360	-300	114	-100	-751	40	410	-250	082	-017	-587	40	808	272	105	685	-038
40	361	-277	085	-026	-563	40	411	-218	059	-030	-460	40	809	-194	066	012	-467
40	362	-271	092	-000	-558	40	412	-220	052	-063	-414	40	810	217	076	587	-050
40	363	-277	107	-075	-776	40	413	-255	072	-033	-536	40	811	095	044	296	-013
40	364	-277	116	-174	-941	40	414	-614	271	-250	-1461	40	901	-295	067	-089	-568
40	365	-602	237	-004	-1907	40	415	-419	170	-146	-966	40	902	-329	102	-051	-820
40	366	-344	128	-013	-858	40	416	-266	107	-053	-687	40	903	-287	089	-068	-628
40	367	-440	122	-107	-903	40	417	-152	079	-109	-509	40	904	-319	085	-025	-739
40	368	-304	087	-021	-609	40	418	-142	054	-057	-354	40	905	-566	148	-193	-1195
40	369	-278	085	-016	-597	40	419	-204	056	-032	-413	40	906	-312	110	-025	-832
40	370	-277	079	-030	-522	40	420	-257	057	-114	-502	40	907	-264	080	-015	-552
40	371	-286	104	-028	-641	40	421	-513	339	-177	-592	40	908	-280	097	-000	-675
40	372	-274	098	-002	-637	40	422	-278	190	-174	-889	40	909	-634	144	-181	-1157
40	373	-279	108	-036	-754	40	423	-164	135	-187	-638	40	910	-592	171	-029	-1274
40	374	-254	075	-006	-637	40	424	-044	069	-165	-441	40	911	-533	137	-163	-1150
40	375	-241	087	-060	-666	40	425	-054	052	-181	-331	40	912	-545	136	-164	-1093
40	376	-253	108	-117	-868	40	426	-134	052	-113	-389	40	913	-299	089	-016	-651
40	377	-265	122	-086	-1075	40	427	-212	061	-018	-534	40	914	-434	119	-054	-836
40	378	-303	080	-070	-649	40	428	-246	226	-387	-1047	40	915	-305	079	-038	-705
40	379	-298	091	-008	-629	40	429	-097	163	-438	-611	40	916	-313	086	-164	-878
40	380	-269	100	-098	-630	40	430	-012	122	-437	-419	40	3651	-444	154	-043	-1449
40	381	-264	111	-052	-750	40	431	-063	087	-420	-315	40	3652	-472	196	-015	-1760
40	382	-254	099	-006	-703	40	432	-060	057	-302	-171	40	3653	-524	212	-018	-2022
40	383	-225	096	-026	-593	40	433	-024	063	-269	-320	40	3654	-587	209	-142	-2063
40	384	-220	089	-066	-700	40	434	-132	072	-222	-424	40	3655	-227	089	-043	-699

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	101	313	154	821	-317	50	151	542	247	102	-1.452	50	210	276	140	436	-1.091
50	102	359	213	1.037	-412	50	152	668	169	521	-303	50	211	314	127	667	-994
50	103	369	171	949	-452	50	153	202	107	607	-094	50	212	324	118	040	-896
50	104	033	138	463	-712	50	154	308	133	811	019	50	213	312	140	009	-1.139
50	105	020	096	339	-461	50	155	347	136	906	046	50	214	202	136	288	-869
50	106	170	129	176	-575	50	156	328	130	875	050	50	215	219	142	257	-853
50	107	287	109	226	-725	50	157	304	114	803	026	50	216	234	120	229	-736
50	108	209	121	399	-687	50	158	243	127	794	-117	50	217	277	149	326	-958
50	109	327	132	226	-790	50	159	262	128	801	-089	50	218	318	142	052	-906
50	110	348	129	312	-785	50	160	130	141	662	-408	50	219	302	129	045	-912
50	111	211	108	214	-672	50	161	146	070	443	-124	50	220	301	117	035	-828
50	112	285	097	031	-760	50	162	062	078	373	-216	50	221	227	154	302	-1.083
50	113	172	112	553	-143	50	163	172	139	231	-653	50	222	238	160	286	-1.070
50	114	199	132	659	-187	50	164	328	188	187	-1.005	50	223	239	155	376	-992
50	115	233	139	733	-160	50	165	019	082	386	-408	50	224	285	134	130	-882
50	116	240	137	790	-106	50	166	133	096	536	-146	50	225	315	158	149	-1.269
50	117	213	118	617	-084	50	167	226	101	683	-025	50	226	302	148	069	-1.173
50	118	212	132	646	-129	50	168	132	102	782	-014	50	227	294	143	095	-1.120
50	119	152	136	691	-305	50	169	259	087	636	076	50	228	198	127	134	-750
50	120	242	149	921	-149	50	170	246	099	684	030	50	229	209	151	210	-917
50	121	078	136	516	-670	50	171	228	096	645	-068	50	230	211	152	258	-1.042
50	122	053	083	499	-216	50	172	233	101	698	-082	50	231	252	165	239	-1.360
50	123	005	077	401	-218	50	173	190	086	588	-155	50	232	323	158	071	-1.310
50	124	208	082	152	-499	50	174	149	097	514	-276	50	233	336	189	045	-1.555
50	125	476	139	096	-1.065	50	175	109	085	480	-173	50	234	329	184	029	-1.390
50	126	203	131	663	-172	50	176	018	100	398	-310	50	235	150	130	212	-797
50	127	332	155	946	-064	50	177	047	079	456	-276	50	236	156	111	160	-713
50	128	449	167	010	-004	50	178	236	083	541	-057	50	237	161	134	277	-805
50	129	417	141	932	073	50	179	028	069	437	-285	50	238	199	155	301	-1.396
50	130	382	146	894	024	50	180	084	067	472	-131	50	239	272	173	263	-1.407
50	131	351	142	883	-004	50	181	202	081	670	011	50	240	309	151	030	-1.240
50	132	236	135	875	-207	50	182	260	105	837	030	50	241	308	172	054	-1.534
50	133	260	124	673	-068	50	183	253	104	740	044	50	242	062	081	156	-576
50	134	022	159	550	-722	50	184	248	102	705	002	50	243	057	076	156	-496
50	135	123	092	469	-223	50	185	178	074	513	020	50	244	111	096	194	-730
50	136	010	079	340	-245	50	186	301	117	790	074	50	245	116	107	175	-607
50	137	334	116	007	-715	50	187	292	109	754	042	50	246	158	125	151	-967
50	138	662	225	085	-1.415	50	188	293	105	763	074	50	247	207	130	142	-971
50	139	141	118	628	-288	50	189	221	063	554	076	50	248	266	143	044	-1.231
50	140	301	139	793	-010	50	190	233	075	600	057	50	249	239	135	083	-959
50	141	372	142	892	062	50	191	210	068	571	039	50	250	076	081	119	-519
50	142	395	153	923	063	50	201	272	143	222	-890	50	251	124	130	197	-1.229
50	143	366	142	878	056	50	202	314	133	139	-1.021	50	252	133	110	216	-1.011
50	144	333	134	859	-050	50	203	557	261	042	-1.698	50	253	145	092	092	-807
50	145	234	118	704	-101	50	204	279	112	149	-814	50	254	153	104	129	-795
50	146	258	130	785	-131	50	205	295	111	028	-830	50	255	173	109	132	-953
50	147	068	166	649	-622	50	206	332	165	099	-1.364	50	301	159	082	050	-587
50	148	138	073	455	-183	50	207	208	124	236	-873	50	302	158	088	100	-564
50	149	016	077	311	-247	50	208	241	115	191	-974	50	303	182	107	168	-715
50	150	294	157	191	-810	50	209	242	135	258	-1.040	50	304	185	119	174	-1.626

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	305	-187	098	118	-749	50	355	-152	084	077	-469	50	405	-246	095	-002	-633
50	306	-232	115	152	-787	50	356	-122	080	135	-395	50	406	-189	094	-086	-556
50	307	-163	091	092	-823	50	357	-135	082	123	-504	50	407	-635	227	-093	-1529
50	308	-159	088	081	-537	50	358	-137	103	189	-551	50	408	-367	098	-102	-764
50	309	-180	094	045	-683	50	359	-127	095	185	-552	50	409	-308	101	-018	-800
50	310	-170	099	106	-603	50	360	-125	105	233	-588	50	410	-266	099	066	-664
50	311	-175	105	165	-662	50	361	-121	083	146	-464	50	411	-179	085	119	-701
50	312	-224	101	240	-664	50	362	-136	103	160	-647	50	412	-161	066	071	-463
50	313	-144	081	106	-459	50	363	-163	130	168	-929	50	413	-166	086	064	-575
50	314	-148	091	108	-524	50	364	-179	136	196	-1003	50	414	-735	245	-053	-1669
50	315	-151	091	065	-607	50	365	-204	179	051	-1230	50	415	-488	155	-039	-1012
50	316	-155	095	172	-532	50	366	-173	104	100	-680	50	416	-348	109	096	-748
50	317	-155	090	085	-572	50	367	-199	124	094	-647	50	417	-223	100	032	-683
50	318	-156	100	139	-621	50	368	-126	093	123	-485	50	418	-139	069	113	-485
50	319	-152	098	140	-650	50	369	-108	092	135	-520	50	419	-134	073	134	-480
50	320	-154	101	194	-682	50	370	-117	081	090	-410	50	420	-159	071	092	-414
50	321	-164	089	088	-673	50	371	-114	100	178	-553	50	421	-738	304	-030	-1892
50	322	-165	100	191	-649	50	372	-112	098	163	-506	50	422	-417	167	007	-1036
50	323	-171	106	248	-622	50	373	-189	102	174	-599	50	423	-288	128	033	-863
50	324	-191	119	189	-986	50	374	-087	078	121	-466	50	424	-090	090	092	-559
50	325	-196	102	169	-701	50	375	-095	094	156	-612	50	425	-088	067	175	-527
50	326	-138	092	119	-506	50	376	-117	109	173	-931	50	426	-102	059	077	-392
50	327	-139	093	105	-521	50	377	-136	119	223	-829	50	427	-128	069	069	-536
50	328	-145	095	150	-537	50	378	-146	080	071	-487	50	428	-405	206	123	-1283
50	329	-150	085	113	-590	50	379	-142	091	129	-526	50	429	-218	152	214	-977
50	330	-146	090	160	-634	50	380	-117	090	185	-476	50	430	-123	126	228	-850
50	331	-145	089	125	-652	50	381	-115	096	209	-596	50	431	-027	106	273	-619
50	332	-143	086	152	-608	50	382	-064	086	121	-668	50	432	-015	061	210	-376
50	333	-147	074	108	-456	50	383	-071	089	203	-568	50	433	-012	055	250	-263
50	334	-157	085	069	-522	50	384	-079	093	237	-657	50	434	-076	062	177	-427
50	335	-151	083	133	-557	50	385	-087	096	188	-634	50	435	-235	181	160	-947
50	336	-159	094	169	-701	50	386	-098	078	092	-574	50	436	-124	144	232	-736
50	337	-178	096	100	-678	50	387	-059	069	141	-402	50	437	-026	095	250	-320
50	338	-196	120	225	-1074	50	388	-060	067	130	-390	50	438	-033	070	306	-222
50	339	-146	077	070	-491	50	389	-061	076	135	-357	50	439	-053	047	259	-171
50	340	-149	076	052	-483	50	390	-128	094	143	-542	50	440	-040	051	335	-196
50	341	-162	074	085	-467	50	391	-073	071	114	-353	50	441	-005	056	255	-245
50	342	-145	080	132	-488	50	392	-058	070	128	-363	50	442	-063	093	362	-349
50	343	-128	075	072	-504	50	393	-070	061	114	-311	50	443	-007	073	249	-277
50	344	-125	074	079	-481	50	394	-157	064	440	-011	50	444	-064	069	313	-186
50	345	-120	063	063	-376	50	395	-160	066	448	-010	50	445	-034	058	250	-181
50	346	-120	069	147	-407	50	396	-079	071	102	-365	50	446	-016	054	151	-254
50	347	-126	079	112	-521	50	397	-060	055	095	-292	50	701	-034	079	310	-246
50	348	-143	070	106	-397	50	398	-055	072	131	-360	50	702	-047	103	259	-527
50	349	-141	085	108	-582	50	399	-057	073	130	-462	50	703	-015	085	286	-299
50	350	-175	126	197	-819	50	400	-056	068	144	-414	50	704	-042	060	285	-161
50	351	-196	141	276	-1004	50	401	-333	136	-003	-326	50	705	-048	039	187	-157
50	352	-190	098	061	-748	50	402	-235	099	175	-812	50	706	-049	055	111	-289
50	353	-195	083	015	-600	50	403	-161	091	106	-634	50	801	-095	083	210	-427
50	354	-200	101	060	-657	50	404	-313	101	-082	-753	50	802	-175	113	132	-828

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	230	049	104	301	852	60	325	151	064	112	550	60	375	026	062	237	408
60	231	061	144	333	021	60	326	087	053	105	295	60	376	019	064	228	325
60	232	183	182	271	133	60	327	077	048	084	268	60	377	001	064	212	541
60	233	301	202	302	521	60	328	068	043	098	255	60	378	008	043	139	230
60	234	307	183	261	273	60	329	063	034	112	394	60	379	009	056	227	263
60	235	007	075	253	525	60	330	066	040	094	230	60	380	041	056	256	281
60	236	008	068	175	684	60	331	066	043	092	275	60	381	037	053	205	297
60	237	005	084	218	683	60	332	073	049	093	294	60	382	035	046	184	463
60	238	023	110	263	666	60	333	067	039	064	251	60	383	040	048	220	355
60	239	109	162	259	972	60	334	076	053	079	363	60	384	038	050	202	423
60	240	183	154	177	189	60	335	078	060	099	353	60	385	034	052	230	315
60	241	208	166	271	171	60	336	087	067	117	434	60	386	024	045	165	380
60	242	049	044	230	183	60	337	113	058	072	512	60	387	047	041	198	161
60	243	051	042	221	105	60	338	176	090	133	571	60	388	047	041	191	141
60	244	031	054	196	437	60	339	114	071	207	486	60	389	047	064	296	188
60	245	030	065	235	429	60	340	104	065	225	368	60	390	004	063	223	322
60	246	010	088	263	538	60	341	091	056	162	336	60	391	026	047	272	204
60	247	030	118	314	762	60	342	066	053	144	290	60	392	045	045	238	186
60	248	088	142	236	797	60	343	059	050	124	300	60	393	042	039	196	173
60	249	144	148	194	206	60	344	058	051	152	338	60	394	101	069	506	027
60	250	046	047	213	195	60	345	051	047	132	311	60	395	104	072	514	031
60	251	032	073	249	783	60	346	056	052	146	311	60	396	033	046	222	181
60	252	026	077	250	621	60	347	057	064	184	464	60	397	045	034	210	127
60	253	011	075	265	456	60	348	071	070	158	473	60	398	049	042	279	168
60	254	004	090	276	475	60	349	089	076	160	643	60	399	050	041	221	148
60	255	011	089	333	391	60	350	111	091	214	651	60	400	050	040	208	147
60	301	074	046	134	354	60	351	149	106	232	687	60	401	183	082	075	548
60	302	064	049	086	363	60	352	125	072	186	446	60	402	146	074	106	496
60	303	085	060	104	454	60	353	131	067	131	550	60	403	122	083	127	582
60	304	071	060	125	432	60	354	121	080	092	612	60	404	164	058	033	482
60	305	091	057	089	382	60	355	043	057	152	265	60	405	134	066	077	443
60	306	179	081	125	571	60	356	023	060	186	260	60	406	122	082	149	568
60	307	085	050	074	305	60	357	019	051	230	266	60	407	218	124	009	915
60	308	062	047	166	348	60	358	009	058	203	259	60	408	182	069	013	513
60	309	082	054	077	334	60	359	009	059	220	253	60	409	171	075	028	578
60	310	059	052	118	384	60	360	006	062	299	321	60	410	164	077	104	789
60	311	076	058	179	313	60	361	015	061	157	490	60	411	128	078	112	533
60	312	163	080	090	495	60	362	027	075	237	498	60	412	109	061	175	406
60	313	076	042	079	326	60	363	037	078	235	451	60	413	109	083	241	569
60	314	073	047	120	363	60	364	067	082	201	527	60	414	231	137	009	979
60	315	068	046	094	303	60	365	085	113	129	874	60	415	181	096	006	737
60	316	053	046	142	373	60	366	026	053	144	357	60	416	175	071	015	548
60	317	048	043	114	246	60	367	035	065	235	432	60	417	167	073	017	539
60	318	050	049	123	288	60	368	019	059	307	321	60	418	134	072	141	501
60	319	054	051	109	351	60	369	006	062	305	313	60	419	128	084	178	597
60	320	052	050	107	307	60	370	008	048	212	315	60	420	126	076	127	482
60	321	056	043	094	354	60	371	014	054	189	384	60	421	293	153	001	259
60	322	064	052	138	381	60	372	020	056	219	393	60	422	231	100	006	741
60	323	074	058	152	393	60	373	020	055	223	359	60	423	208	086	002	641
60	324	094	061	139	446	60	374	034	046	224	204	60	424	180	065	007	567

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	425	-141	.075	124	-575	60	912	-435	.143	.012	-944	70	141	.381	.124	.862	.077
60	426	-124	.078	.097	-516	60	913	-123	.072	.132	-731	70	142	.285	.119	.777	.002
60	427	-125	.087	.110	-724	60	914	-319	.102	.045	-729	70	143	.162	.109	.667	.113
60	428	-332	.119	.050	-908	60	915	-349	.137	.039	-954	70	144	.076	.110	.594	.236
60	429	-255	.107	.075	-882	60	916	-141	.078	.169	-537	70	145	.158	.128	.228	.661
60	430	-214	.105	.084	-763	60	3651	-207	.154	.113	-1004	70	146	.113	.145	.381	.656
60	431	-160	.111	.142	-857	60	3652	-174	.143	.115	-979	70	147	.382	.164	.136	.141
60	432	-077	.079	.214	-345	60	3653	-194	.179	.176	-172	70	148	.117	.100	.155	.538
60	433	-048	.069	.171	-412	60	3654	-120	.098	.102	-789	70	149	.104	.056	.051	.448
60	434	-066	.060	.158	-520	60	3655	-025	.055	.161	-308	70	150	.163	.055	.036	.378
60	435	-308	.132	.100	-917	70	101	-384	.143	.909	-224	70	151	.172	.066	.027	.577
60	436	-167	.095	.249	-555	70	102	-282	.181	.940	-528	70	152	.283	.135	.882	.124
60	437	-091	.070	.296	-458	70	103	-141	.148	.726	-477	70	153	.331	.117	.759	.034
60	438	-042	.065	.298	-363	70	104	-315	.153	.117	-942	70	154	.330	.126	.807	.029
60	439	-002	.056	.287	-283	70	105	-178	.071	.089	-532	70	155	.255	.112	.671	.044
60	440	.019	.053	.313	-200	70	106	-088	.075	.236	-390	70	156	.150	.105	.612	.169
60	441	.018	.047	.270	-272	70	107	-134	.181	.614	-670	70	157	.069	.103	.486	.231
60	442	.005	.075	.423	-280	70	108	-155	.106	.405	-508	70	158	.117	.146	.408	.648
60	443	-022	.048	.155	-182	70	109	-319	.091	.099	-661	70	159	.086	.156	.455	.646
60	444	-007	.035	.196	-198	70	110	-342	.110	.028	-849	70	160	.281	.157	.238	.889
60	445	-004	.049	.167	-188	70	111	-214	.076	.056	-539	70	161	.102	.086	.161	.484
60	446	-001	.050	.121	-303	70	112	-137	.062	.052	-512	70	162	.103	.092	.056	.439
60	701	-026	.060	.234	-264	70	113	-367	.136	.862	-028	70	163	.195	.075	.105	.520
60	702	-034	.062	.188	-347	70	114	-328	.146	.309	-067	70	164	.212	.092	.089	.668
60	703	-042	.063	.256	-298	70	115	-281	.136	.786	-092	70	165	.219	.088	.578	.046
60	704	-009	.060	.245	-287	70	116	-203	.120	.652	-120	70	166	.249	.102	.705	.010
60	705	-002	.056	.167	-238	70	117	-101	.087	.422	-135	70	167	.245	.103	.710	.034
60	706	-009	.047	.174	-181	70	118	-067	.094	.423	-259	70	168	.209	.097	.636	.017
60	801	-031	.070	.312	-305	70	119	-166	.117	.274	-798	70	169	.155	.071	.441	.032
60	802	-000	.092	.296	-361	70	120	-007	.167	.575	-587	70	170	.110	.080	.453	.132
60	803	.033	.052	.222	-279	70	121	-419	.159	.009	-656	70	171	.050	.081	.389	.267
60	804	.051	.041	.208	-161	70	122	-109	.078	.189	-442	70	172	.050	.090	.412	.346
60	805	.215	.075	.613	.054	70	123	-095	.057	.155	-396	70	173	.031	.062	.212	.306
60	806	.276	.098	.805	.068	70	124	-118	.045	.071	-343	70	174	.074	.084	.201	.433
60	807	.034	.035	.184	-173	70	125	-167	.051	.001	-463	70	175	.080	.073	.171	.440
60	808	.250	.091	.750	.078	70	126	-406	.148	.913	.021	70	176	.119	.068	.102	.463
60	809	.047	.041	.197	-134	70	127	-459	.155	.988	.075	70	177	.090	.060	.121	.326
60	810	.182	.068	.522	.045	70	128	-435	.149	.958	.073	70	178	.152	.069	.629	.051
60	811	.152	.046	.379	.047	70	129	-308	.118	.807	.003	70	179	.167	.066	.488	.122
60	901	-063	.047	.092	-339	70	130	-190	.112	.674	-114	70	180	.183	.066	.525	.041
60	902	-102	.062	.148	-411	70	131	-104	.108	.593	-197	70	181	.237	.075	.649	.071
60	903	-056	.060	.120	-515	70	132	-147	.132	.359	-594	70	182	.235	.089	.656	.022
60	904	-102	.065	.211	-415	70	133	-132	.118	.319	-563	70	183	.206	.083	.559	.005
60	905	-285	.115	.057	-888	70	134	-374	.133	.034	-932	70	184	.189	.079	.532	.036
60	906	-040	.054	.172	-360	70	135	-130	.122	.255	-577	70	185	.234	.065	.530	.076
60	907	-074	.053	.116	-332	70	136	-086	.056	.122	-366	70	186	.255	.091	.639	.064
60	908	-124	.064	.092	-388	70	137	-132	.038	.604	-303	70	187	.202	.080	.580	.022
60	909	-517	.149	.112	-1059	70	138	-148	.052	.009	-379	70	188	.209	.085	.583	.031
60	910	-494	.158	.073	-667	70	139	-351	.142	.850	-037	70	189	.136	.049	.341	.019
60	911	-402	.168	.046	-939	70	140	-409	.146	.947	.062	70	190	.153	.063	.426	.003

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	191	158	060	417	005	70	250	081	052	294	-171	70	345	-099	076	151	-471
70	201	-064	062	157	-349	70	251	099	045	277	-092	70	346	-112	084	166	-539
70	202	-044	086	219	-903	70	252	113	051	326	-108	70	347	-111	092	169	-548
70	203	-363	308	340	-1487	70	253	126	053	315	-087	70	348	-112	086	127	-547
70	204	-177	065	019	-474	70	254	128	068	365	-159	70	349	-214	110	077	-686
70	205	-060	084	207	-524	70	255	121	081	410	-212	70	350	-252	128	042	-762
70	206	-135	184	473	-1142	70	301	-062	043	088	-405	70	351	-324	151	030	-862
70	207	-203	084	013	-600	70	302	-050	052	126	-311	70	352	-093	065	233	-386
70	208	-134	048	024	-334	70	303	-094	060	111	-393	70	353	-081	059	275	-405
70	209	-073	048	138	-269	70	304	-095	061	127	-398	70	354	-060	070	307	-442
70	210	-018	055	194	-533	70	305	-171	079	075	-448	70	355	-024	068	253	-444
70	211	-009	103	261	-697	70	306	-286	104	016	-817	70	356	-012	066	216	-450
70	212	-149	174	298	-905	70	307	-080	043	093	-317	70	357	-012	056	181	-331
70	213	-223	192	424	-1275	70	308	-056	046	142	-243	70	358	-015	074	210	-416
70	214	-218	091	054	-770	70	309	-092	057	067	-369	70	359	-024	077	205	-416
70	215	-162	064	102	-504	70	310	-073	052	131	-285	70	360	-015	090	241	-445
70	216	-069	044	115	-247	70	311	-123	076	134	-449	70	361	-044	097	242	-544
70	217	-024	058	239	-298	70	312	-234	093	102	-650	70	362	-095	133	241	-620
70	218	-057	153	436	-719	70	313	-081	038	103	-278	70	363	-113	135	228	-705
70	219	-090	251	560	-926	70	314	-073	042	116	-280	70	364	-144	130	231	-682
70	220	-147	181	504	-856	70	315	-069	042	076	-266	70	365	-004	060	264	-533
70	221	-235	114	099	-726	70	316	-048	050	142	-263	70	366	-011	045	224	-163
70	222	-183	089	059	-526	70	317	-052	048	161	-339	70	367	-009	059	250	-217
70	223	-089	063	147	-361	70	318	-059	054	158	-335	70	368	-028	073	339	-260
70	224	-022	052	272	-334	70	319	-079	056	139	-350	70	369	-062	066	375	-251
70	225	-035	170	453	-902	70	320	-073	058	149	-366	70	370	-069	054	303	-151
70	226	-098	238	556	-861	70	321	-096	055	077	-422	70	371	-061	063	372	-244
70	227	-138	207	549	-1029	70	322	-122	073	124	-534	70	372	-069	064	372	-262
70	228	-060	084	141	-500	70	323	-152	087	101	-646	70	373	-056	069	352	-406
70	229	-070	086	147	-481	70	324	-196	116	063	-795	70	374	-072	050	324	-204
70	230	-017	063	201	-309	70	325	-257	098	-022	-709	70	375	-053	073	321	-389
70	231	-046	065	376	-384	70	326	-111	047	063	-466	70	376	-028	099	256	-574
70	232	-061	120	375	-863	70	327	-102	046	043	-492	70	377	-020	081	234	-394
70	233	-044	216	515	-1232	70	328	-090	048	075	-445	70	378	-046	045	234	-108
70	234	-083	210	626	-1191	70	329	-087	039	039	-296	70	379	-089	069	421	-093
70	235	-009	090	232	-389	70	330	-099	048	048	-351	70	380	-090	061	381	-246
70	236	-028	063	210	-261	70	331	-104	051	048	-401	70	381	-075	056	285	-265
70	237	-052	056	262	-188	70	332	-113	058	085	-388	70	382	-068	051	245	-225
70	238	-080	054	306	-286	70	333	-111	047	055	-318	70	383	-079	051	265	-171
70	239	-079	103	405	-586	70	334	-124	060	084	-471	70	384	-082	049	254	-160
70	240	-036	131	396	-581	70	335	-146	070	081	-444	70	385	-083	049	255	-189
70	241	-006	160	551	-753	70	336	-174	082	038	-485	70	386	-076	042	229	-180
70	242	-093	051	294	-189	70	337	-188	074	066	-557	70	387	-093	045	272	-080
70	243	-097	048	292	-170	70	338	-288	111	-007	-950	70	388	-094	046	289	-108
70	244	-092	036	236	-294	70	339	-134	057	142	-461	70	389	-094	068	347	-087
70	245	-100	043	270	-257	70	340	-115	055	218	-396	70	390	-068	046	254	-145
70	246	-106	050	292	-255	70	341	-095	047	121	-364	70	391	-102	075	630	-124
70	247	-106	071	375	-403	70	342	-081	060	092	-510	70	392	-115	071	611	-275
70	248	-089	094	413	-467	70	343	-091	070	131	-467	70	393	-108	046	336	-048
70	249	-057	110	406	-679	70	344	-091	075	127	-438	70	394	-151	061	396	-008

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	395	153	064	461	-067	70	445	-057	056	108	-348	80	111	-227	074	020	-599
70	396	094	052	366	-045	70	446	-080	077	135	-550	80	112	-131	049	049	-363
70	397	118	057	394	-034	70	701	-079	060	145	-319	80	113	-331	142	781	-231
70	398	110	055	482	-054	70	702	-071	062	161	-360	80	114	-250	146	734	-197
70	399	094	046	277	-082	70	703	-076	060	141	-352	80	115	-205	130	638	-150
70	400	094	044	271	-077	70	704	-067	062	165	-326	80	116	-109	104	510	-184
70	401	148	072	076	-449	70	705	-091	058	094	-408	80	117	-007	071	271	-201
70	402	122	063	091	-496	70	706	-051	068	181	-414	80	118	-040	077	257	-268
70	403	125	085	120	-514	70	801	126	069	569	-122	80	119	-349	128	048	-884
70	404	131	051	082	-347	70	802	121	066	504	-192	80	120	-148	125	496	-580
70	405	112	054	145	-412	70	803	115	046	314	-130	80	121	-594	154	208	-1066
70	406	117	071	097	-513	70	804	101	045	320	-025	80	122	-231	078	028	-635
70	407	161	064	085	-550	70	805	223	075	526	-056	80	123	-191	084	067	-615
70	408	139	054	037	-431	70	806	257	190	703	-052	80	124	-159	068	063	-557
70	409	135	064	111	-444	70	807	090	041	244	-193	80	125	-162	062	058	-518
70	410	134	067	095	-491	70	808	221	094	611	-017	80	126	-434	176	052	-415
70	411	113	061	079	-405	70	809	102	054	355	-033	80	127	-422	169	074	-386
70	412	106	050	079	-396	70	810	150	061	504	-002	80	128	-343	149	881	-057
70	413	111	066	104	-416	70	811	137	043	307	-022	80	129	-203	101	579	-049
70	414	146	054	031	-467	70	901	-041	037	118	-209	80	130	-061	096	529	-231
70	415	119	049	070	-442	70	902	-068	047	088	-304	80	131	-036	091	451	-368
70	416	115	041	048	-344	70	903	-068	042	098	-344	80	132	-315	109	074	-785
70	417	120	052	026	-547	70	904	-079	053	082	-336	80	133	-320	116	110	-741
70	418	112	046	071	-376	70	905	-198	068	006	-558	80	134	-441	126	119	-1001
70	419	120	056	085	-423	70	906	-042	050	140	-286	80	135	-304	124	074	-752
70	420	125	054	041	-654	70	907	-067	045	132	-315	80	136	-189	090	121	-539
70	421	162	062	040	-487	70	908	-122	066	110	-582	80	137	-149	055	070	-423
70	422	137	060	069	-401	70	909	-731	191	-250	-1326	80	138	-135	064	167	-485
70	423	131	059	063	-425	70	910	-559	250	-037	-1720	80	139	-387	170	011	-438
70	424	137	048	026	-382	70	911	-344	145	-040	-200	80	140	-377	153	943	-331
70	425	138	055	040	-352	70	912	-307	151	-004	-892	80	141	-312	114	757	-006
70	426	143	063	058	-469	70	913	-142	059	-039	-407	80	142	-178	101	685	-090
70	427	151	077	113	-714	70	914	-348	103	-103	-770	80	143	-033	088	468	-245
70	428	191	083	035	-523	70	915	-317	123	-068	-885	80	144	-067	087	321	-423
70	429	169	088	099	-531	70	916	-181	084	-058	-549	80	145	-325	097	001	-672
70	430	161	086	106	-487	70	3651	-057	089	212	-735	80	146	-290	114	314	-683
70	431	158	083	109	-483	70	3652	-038	074	207	-714	80	147	-441	124	129	-1009
70	432	138	063	075	-369	70	3653	-036	081	214	-794	80	148	-277	097	036	-719
70	433	117	075	170	-547	70	3654	-018	050	191	-408	80	149	-196	090	086	-589
70	434	121	090	190	-631	70	3655	-002	056	296	-253	80	150	-152	076	243	-573
70	435	264	119	051	-807	80	101	300	139	785	-129	80	151	-138	071	178	-478
70	436	152	085	090	-505	80	102	186	139	675	-323	80	152	-321	155	076	-243
70	437	122	071	087	-413	80	103	016	110	451	-528	80	153	-321	131	821	-298
70	438	097	067	105	-460	80	104	458	169	-029	-1243	80	154	-273	129	956	-134
70	439	084	064	114	-345	80	105	-225	064	-030	-487	80	155	-153	105	765	-070
70	440	047	067	205	-448	80	106	-124	067	147	-400	80	156	-010	089	431	-232
70	441	040	088	197	-700	80	107	-135	230	798	-585	80	157	-089	077	226	-390
70	442	075	076	158	-398	80	108	-157	104	282	-575	80	158	-285	123	028	-803
70	443	068	048	099	-239	80	109	-354	112	001	-727	80	159	-266	131	194	-811
70	444	057	056	117	-272	80	110	-407	164	-024	-1021	80	160	-374	133	031	-1001

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	335	-209	073	001	-549	90	385	012	077	319	-302	90	435	-179	057	016	-497
90	336	-272	128	061	-745	90	386	015	066	279	-224	90	436	-167	063	065	-577
90	337	-523	151	-127	-1111	90	387	082	059	331	-112	90	437	-160	061	057	-515
90	338	-430	181	-017	-1072	90	388	052	061	307	-151	90	438	-146	059	057	-482
90	339	-153	058	091	-432	90	389	057	073	262	-159	90	439	-115	055	071	-556
90	340	-160	059	063	-403	90	390	021	051	181	-251	90	440	-159	103	212	-879
90	341	-180	051	047	-452	90	391	116	072	501	-087	90	441	-169	113	233	-1292
90	342	-241	074	027	-583	90	392	084	071	464	-152	90	442	-180	062	021	-441
90	343	-297	084	041	-684	90	393	090	059	371	-091	90	443	-151	043	071	-332
90	344	-324	090	066	-718	90	394	005	041	138	-113	90	444	-131	047	082	-343
90	345	-410	097	105	-884	90	395	006	041	138	-117	90	445	-123	050	047	-326
90	346	-409	108	138	-892	90	396	078	059	407	-054	90	446	-156	071	057	-568
90	347	-298	075	056	-616	90	397	129	076	548	-029	90	701	-184	051	013	-394
90	348	-159	075	061	-521	90	398	099	081	444	-138	90	702	-174	059	014	-478
90	349	-196	121	072	-649	90	399	110	068	508	-136	90	703	-152	053	040	-439
90	350	-448	197	037	-1134	90	400	091	086	471	-202	90	704	-143	053	041	-379
90	351	-358	205	123	-1007	90	401	194	085	013	-668	90	705	-159	057	038	-508
90	352	-148	071	150	-524	90	402	150	061	029	-412	90	706	-116	064	104	-403
90	353	-144	050	112	-367	90	403	136	051	024	-488	90	801	132	067	388	-170
90	354	-145	052	068	-408	90	404	211	081	033	-695	90	802	212	073	682	-055
90	355	-137	054	086	-467	90	405	156	057	002	-415	90	803	200	063	474	-040
90	356	-182	073	085	-578	90	406	144	049	027	-388	90	804	068	074	309	-193
90	357	-231	082	035	-559	90	407	173	065	080	-460	90	805	136	092	501	-205
90	358	-339	137	081	-830	90	408	163	051	039	-493	90	806	119	079	453	-195
90	359	-379	141	056	-888	90	409	155	061	087	-641	90	807	095	061	381	-196
90	360	-236	103	114	-614	90	410	148	062	095	-728	90	808	067	064	367	-087
90	361	-084	072	105	-452	90	411	145	053	037	-520	90	809	098	071	404	-126
90	362	-100	127	223	-616	90	412	140	042	009	-337	90	810	019	048	259	-104
90	363	-259	151	143	-885	90	413	143	053	040	-358	90	811	-007	036	126	-129
90	364	-162	148	228	-706	90	414	166	069	230	-545	90	901	-146	036	043	-282
90	365	-118	060	071	-370	90	415	153	067	201	-515	90	902	-129	041	008	-303
90	366	-087	045	076	-262	90	416	150	048	037	-451	90	903	-215	062	044	-483
90	367	-071	051	153	-293	90	417	145	047	058	-496	90	904	-126	034	001	-311
90	368	-001	060	347	-210	90	418	139	042	010	-307	90	905	-178	052	012	-459
90	369	-010	069	362	-252	90	419	144	053	024	-458	90	906	-210	062	012	-457
90	370	-030	065	210	-281	90	420	147	051	041	-491	90	907	-144	053	038	-412
90	371	-066	106	339	-471	90	421	193	081	176	-375	90	908	-139	058	080	-394
90	372	-104	111	354	-487	90	422	179	078	130	-499	90	909	-172	354	-180	-314
90	373	-013	079	294	-348	90	423	170	073	086	-513	90	910	-191	340	-341	-292
90	374	-039	063	257	-224	90	424	160	047	017	-398	90	911	-344	107	-068	-706
90	375	-013	124	322	-767	90	425	142	050	031	-435	90	912	-227	051	019	-553
90	376	-136	134	344	-815	90	426	142	060	036	-514	90	913	-354	085	100	-811
90	377	-054	117	366	-605	90	427	140	061	044	-466	90	914	-370	102	068	-688
90	378	-031	048	220	-210	90	428	198	068	033	-550	90	915	-417	237	-375	-1319
90	379	-050	063	399	-167	90	429	189	081	151	-598	90	916	-395	116	070	-949
90	380	-031	067	291	-219	90	430	182	078	121	-595	90	3651	-130	070	089	-601
90	381	-078	074	380	-254	90	431	171	068	063	-558	90	3652	-109	061	129	-564
90	382	-067	054	276	-130	90	432	147	062	044	-511	90	3653	-121	068	148	-457
90	383	-082	066	302	-194	90	433	153	086	142	-720	90	3654	-106	047	071	-296
90	384	-063	075	298	-242	90	434	146	084	143	-656	90	3655	-085	052	176	-401

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	305	-.273	.073	-.022	-.607	100	355	-.168	.056	.043	-.447	100	405	-.249	.066	-.078	-.529
100	306	-.501	.196	-.035	-1.172	100	356	-.208	.090	.090	-.639	100	406	-.207	.054	-.045	-.539
100	307	-.210	.055	-.033	-.496	100	357	-.266	.097	.027	-.716	100	407	-.242	.060	-.040	-.511
100	308	-.253	.061	-.095	-.579	100	358	-.429	.184	.183	-1.266	100	408	-.233	.048	-.052	-.533
100	309	-.365	.092	-.131	-.819	100	359	-.478	.189	.070	-1.387	100	409	-.229	.060	-.010	-.678
100	310	-.315	.066	-.112	-.561	100	360	-.261	.134	.181	-.967	100	410	-.232	.073	-.014	-.976
100	311	-.330	.076	-.090	-.663	100	361	-.048	.078	.234	-.323	100	411	-.222	.056	-.003	-.671
100	312	-.528	.136	-.188	-1.231	100	362	-.010	.113	.287	-.571	100	412	-.213	.043	-.070	-.460
100	313	-.211	.045	-.084	-.378	100	363	-.171	.191	.309	-1.023	100	413	-.214	.054	-.026	-.558
100	314	-.214	.056	-.059	-.474	100	364	-.035	.153	.481	-.632	100	414	-.247	.055	-.003	-.510
100	315	-.228	.063	-.055	-.528	100	365	-.206	.052	-.022	-.450	100	415	-.240	.054	-.012	-.522
100	316	-.314	.088	-.061	-.747	100	366	-.179	.039	-.032	-.364	100	416	-.232	.042	-.061	-.464
100	317	-.396	.092	-.148	-.965	100	367	-.152	.052	.152	-.379	100	417	-.224	.046	-.055	-.511
100	318	-.410	.099	-.128	-.780	100	368	-.013	.080	.466	-.230	100	418	-.215	.047	-.050	-.429
100	319	-.491	.132	-.050	-.963	100	369	-.003	.095	.576	-.285	100	419	-.215	.053	-.002	-.451
100	320	-.648	.167	-.248	-1.380	100	370	-.027	.086	.365	-.312	100	420	-.215	.045	-.048	-.422
100	321	-.355	.065	-.163	-.585	100	371	-.055	.136	.552	-.677	100	421	-.249	.071	-.040	-.780
100	322	-.210	.056	-.002	-.556	100	372	-.110	.147	.403	-.690	100	422	-.235	.066	-.036	-.663
100	323	-.195	.084	-.102	-.533	100	373	-.001	.102	.432	-.395	100	423	-.224	.060	-.052	-.603
100	324	-.455	.164	-.023	-1.032	100	374	.078	.062	.294	-.179	100	424	-.208	.037	-.066	-.370
100	325	-.260	.121	-.116	-.758	100	375	-.080	.095	.358	-.408	100	425	-.198	.044	-.057	-.425
100	326	-.212	.051	-.023	-.451	100	376	-.031	.139	.448	-.671	100	426	-.199	.049	-.051	-.471
100	327	-.210	.052	-.001	-.419	100	377	-.058	.113	.466	-.450	100	427	-.197	.050	-.049	-.477
100	328	-.233	.061	-.025	-.533	100	378	-.119	.046	.124	-.250	100	428	-.249	.052	-.105	-.577
100	329	-.350	.093	-.114	-.750	100	379	-.033	.062	.409	-.268	100	429	-.241	.058	-.055	-.601
100	330	-.432	.107	-.148	-.887	100	380	.029	.081	.363	-.345	100	430	-.236	.055	-.058	-.587
100	331	-.466	.104	-.181	-.978	100	381	.100	.082	.500	-.214	100	431	-.225	.048	-.049	-.558
100	332	-.605	.132	-.203	-1.097	100	382	.081	.056	.275	-.120	100	432	-.219	.042	-.077	-.486
100	333	-.594	.116	-.301	-1.022	100	383	.117	.059	.336	-.117	100	433	-.217	.052	-.060	-.540
100	334	-.412	.082	-.158	-.706	100	384	.115	.066	.363	-.181	100	434	-.213	.053	-.049	-.521
100	335	-.191	.068	-.105	-.474	100	385	.065	.087	.342	-.258	100	435	-.245	.048	-.089	-.473
100	336	-.151	.121	-.234	-.761	100	386	.091	.074	.365	-.210	100	436	-.235	.053	-.038	-.538
100	337	-.402	.167	-.002	-.970	100	387	.135	.068	.421	-.105	100	437	-.233	.052	-.029	-.491
100	338	-.246	.176	-.201	-1.066	100	388	.107	.077	.424	-.158	100	438	-.223	.049	-.070	-.483
100	339	-.198	.048	-.001	-.451	100	389	.108	.079	.356	-.141	100	439	-.202	.044	-.053	-.464
100	340	-.206	.048	-.023	-.452	100	390	.107	.053	.097	-.327	100	440	-.225	.082	-.050	-.673
100	341	-.237	.048	-.109	-.459	100	391	.092	.085	.552	-.150	100	441	-.231	.081	-.048	-.694
100	343	-.414	.129	-.092	-.949	100	393	.045	.073	.350	-.171	100	443	-.235	.043	-.110	-.410
100	344	-.479	.135	-.107	-1.013	100	394	.081	.031	.050	-.182	100	444	-.213	.047	-.043	-.403
100	345	-.671	.156	-.126	-1.315	100	395	.083	.031	.046	-.181	100	445	-.211	.049	-.038	-.405
100	346	-.686	.167	-.237	-1.495	100	396	.011	.062	.277	-.152	100	446	-.248	.069	-.011	-.544
100	347	-.417	.115	-.056	-.875	100	397	.071	.079	.458	-.098	100	701	-.265	.051	-.114	-.499
100	348	-.128	.068	.123	-.472	100	398	.035	.104	.471	-.190	100	702	-.240	.057	-.050	-.502
100	349	-.081	.097	.175	-.516	100	399	.154	.076	.463	-.086	100	703	-.229	.052	-.065	-.475
100	350	-.322	.211	-.198	-1.157	100	400	.161	.099	.534	-.146	100	704	-.219	.049	-.058	-.550
100	351	-.168	.192	.317	-.909	100	401	-.303	.083	-.076	-.678	100	705	-.234	.054	-.091	-.635
100	352	-.214	.057	-.025	-.514	100	402	-.254	.071	-.014	-.604	100	706	-.199	.060	-.052	-.483
100	353	-.212	.040	-.052	-.397	100	403	-.214	.058	-.075	-.552	100	801	-.046	.082	-.467	-.314
100	354	-.214	.043	-.028	-.403	100	404	-.313	.074	-.134	-.643	100	802	-.243	.096	-.666	-.049

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	803	.224	.063	.542	.092	110	121	.378	.087	-.190	-1.028	110	171	-.299	.086	-.054	-.859
100	804	.112	.080	.372	-.199	110	122	-.334	.071	-.110	-.689	110	172	-.278	.095	-.075	-.847
100	805	-.014	.127	.372	-.464	110	123	-.318	.070	-.069	-.707	110	173	-.333	.074	-.119	-.815
100	806	-.013	.108	.291	-.562	110	124	-.307	.073	-.077	-.682	110	174	-.299	.071	-.031	-.640
100	807	.142	.057	.376	-.084	110	125	-.293	.053	-.100	-.524	110	175	-.294	.072	-.004	-.663
100	808	-.039	.067	.237	-.405	110	126	-.645	.193	.064	-1.625	110	176	-.280	.065	-.057	-.655
100	809	-.071	.093	.436	-.129	110	127	-.656	.222	.417	-1.619	110	177	-.269	.045	-.047	-.519
100	810	-.051	.046	.185	-.264	110	128	-.401	.315	.324	-1.643	110	178	-.171	.070	.034	-.699
100	811	-.084	.030	.038	-.178	110	129	-.187	.080	-.083	-.676	110	179	-.420	.202	.277	-1.642
100	901	-.212	.040	-.072	-.369	110	130	-.265	.058	-.012	-.699	110	180	-.400	.223	.332	-1.479
100	902	-.189	.041	-.056	-.393	110	131	-.323	.062	-.036	-.594	110	181	-.290	.143	.163	-.836
100	903	-.300	.081	-.095	-.720	110	132	-.473	.100	-.081	-.973	110	182	-.196	.132	.233	-1.167
100	904	-.186	.050	-.045	-.479	110	133	-.468	.098	-.138	-1.057	110	183	-.164	.099	.148	-.813
100	905	-.198	.034	-.079	-.437	110	134	-.364	.073	-.161	-.750	110	184	-.165	.089	.130	-.854
100	906	-.278	.063	-.047	-.573	110	135	-.333	.071	-.090	-.764	110	185	-.269	.108	.092	-.715
100	907	-.193	.049	.013	-.392	110	136	-.316	.066	-.079	-.680	110	186	-.232	.140	.212	-1.063
100	908	-.180	.054	.017	-.413	110	137	-.314	.048	-.150	-.602	110	187	-.180	.112	.169	-.981
100	909	-.732	.296	-.175	-2.112	110	138	-.304	.050	-.115	-.584	110	188	-.120	.080	.263	-.650
100	910	-.990	.247	-.342	-1.976	110	139	-.601	.169	-.287	-1.447	110	189	-.131	.048	.097	-.403
100	911	-.252	.082	-.077	-.739	110	140	-.612	.186	-.347	-1.583	110	190	-.104	.063	.221	-.432
100	912	-.360	.136	-.076	-1.068	110	141	-.476	.233	.120	-1.263	110	191	-.078	.065	.281	-.400
100	913	-.452	.115	-.151	-1.014	110	142	-.267	.171	.108	-1.149	110	201	-.203	.143	.848	-.491
100	914	-.407	.076	-.123	-.696	110	143	-.282	.100	.037	-.976	110	202	-.306	.168	.914	-.420
100	915	-.443	.163	-.501	-1.283	110	144	-.320	.083	-.013	-.883	110	203	-.358	.170	.972	-.273
100	916	-.496	.109	-.193	-1.008	110	145	-.430	.087	-.131	-.915	110	204	-.453	.094	-.052	-.801
100	917	-.206	.057	-.059	-.592	110	146	-.384	.107	-.022	-1.083	110	205	-.270	.127	.287	-.737
100	918	-.200	.050	.037	-.548	110	147	-.347	.092	-.109	-.967	110	206	-.356	.166	.342	-.882
100	919	-.206	.059	-.053	-.586	110	148	-.294	.064	-.121	-.646	110	207	-.072	.159	.528	-.585
100	920	-.191	.041	-.032	-.400	110	149	-.304	.069	-.093	-.723	110	208	.019	.088	.388	-.263
100	921	-.161	.050	.031	-.417	110	150	-.306	.081	-.022	-.948	110	209	.085	.110	.524	-.224
100	922	-.800	.208	-.067	-1.602	110	151	-.290	.068	-.026	-.714	110	210	.178	.129	.724	-.205
100	923	-.292	.143	.133	-1.046	110	152	-.580	.181	.024	-1.537	110	211	.213	.144	.673	-.230
100	924	-.327	.079	-.022	-.837	110	153	-.587	.172	.215	-1.441	110	212	.218	.136	.645	-.203
100	925	-.574	.116	-.231	-.986	110	154	-.506	.249	.159	-1.589	110	213	.158	.170	.756	-.411
100	926	-.400	.076	-.181	-.692	110	155	-.338	.195	.099	-1.410	110	214	.050	.143	.657	-.534
100	927	-.330	.052	-.169	-.540	110	156	-.328	.129	-.082	-1.037	110	215	.164	.128	.747	-.237
100	928	-.596	.254	.117	-1.690	110	157	-.351	.084	-.041	-.811	110	216	.264	.107	.696	-.065
100	929	-.264	.138	.144	-.938	110	158	-.408	.106	.015	-.912	110	217	.357	.143	.893	-.056
100	930	-.406	.067	-.114	-.723	110	159	-.375	.114	.101	-.884	110	218	.411	.169	1.030	-.047
100	931	-.571	.102	-.198	-.931	110	160	-.339	.085	-.033	-.860	110	219	.360	.180	1.010	-.114
100	932	-.317	.059	-.109	-.568	110	161	-.309	.068	-.065	-.676	110	220	.253	.164	.758	-.341
100	933	-.306	.043	-.157	-.482	110	162	-.293	.073	-.044	-.697	110	221	.080	.152	.706	-.479
100	934	-.707	.231	-.046	-1.774	110	163	-.286	.075	-.015	-.639	110	222	.178	.124	.740	-.294
100	935	-.601	.256	.237	-1.525	110	164	-.274	.062	-.010	-.567	110	223	.272	.112	.789	-.076
100	936	-.293	.211	.139	-1.320	110	165	-.495	.139	-.021	-1.135	110	224	.361	.115	.795	-.073
100	937	-.227	.074	.031	-.857	110	166	-.486	.177	.112	-1.301	110	225	.407	.156	1.002	-.010
100	938	-.281	.041	-.122	-.553	110	167	-.408	.203	.181	-1.398	110	226	.335	.170	.911	-.163
100	939	-.304	.048	-.144	-.596	110	168	-.286	.168	.195	-1.275	110	227	.189	.174	.731	-.391
100	940	-.501	.099	-.205	-.934	110	169	-.255	.084	-.019	-.839	110	228	.148	.094	.523	-.291
100	941	-.376	.081	-.089	-.641	110	170	-.270	.086	-.046	-.805	110	229	.190	.102	.678	-.141

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	230	241	101	852	-045	110	325	-113	122	277	-565	110	375	136	078	437	-201
110	231	287	113	934	-025	110	326	-279	040	-138	-486	110	376	076	116	422	-389
110	232	306	124	742	-022	110	327	-273	040	-099	-537	110	377	138	098	478	-215
110	233	205	150	749	-295	110	328	-273	051	-102	-637	110	378	-162	045	249	-426
110	234	037	155	612	-603	110	329	-346	093	-146	-757	110	379	040	079	544	-96
110	235	158	100	515	-277	110	330	-468	133	-153	-1040	110	380	038	091	424	-300
110	236	187	076	530	-102	110	331	-546	136	-182	-1069	110	381	122	089	451	-192
110	237	218	087	617	-080	110	332	-822	185	-220	-1533	110	382	120	059	374	-095
110	238	236	094	676	-082	110	333	-803	151	-325	-1349	110	383	156	065	423	-088
110	239	208	105	712	-172	110	334	-471	106	-062	-796	110	384	159	068	527	-070
110	240	088	095	471	-180	110	335	-139	079	-175	-424	110	385	134	078	433	-199
110	241	-010	119	505	-388	110	336	-025	098	-296	-443	110	386	152	065	410	-100
110	242	-165	070	499	-004	110	337	-238	166	-227	-953	110	387	183	067	430	-025
110	243	171	070	510	-005	110	338	-041	163	-481	-827	110	388	165	076	448	-086
110	244	211	072	526	-040	110	339	-253	039	-074	-424	110	389	156	074	389	-053
110	245	233	086	639	-022	110	340	-251	036	-109	-453	110	390	-185	062	076	-599
110	246	253	100	822	-003	110	341	-244	036	-141	-568	110	391	089	098	676	-183
110	247	192	100	742	-057	110	342	-265	092	-041	-775	110	392	078	107	594	-272
110	248	045	077	417	-185	110	343	-360	144	-021	-960	110	393	071	085	416	-182
110	249	-023	087	318	-331	110	344	-446	165	-001	-1052	110	394	-149	032	-025	-287
110	250	189	070	493	-055	110	345	-751	222	-111	-1556	110	395	-149	032	-027	-286
110	251	224	083	567	-007	110	346	-796	235	-119	-1662	110	396	021	069	344	-159
110	252	271	103	703	-002	110	347	-408	159	-102	-1116	110	397	065	086	594	-120
110	253	270	099	692	-012	110	348	-052	076	-218	-295	110	398	025	127	595	-282
110	254	240	114	694	-058	110	349	-032	084	-343	-386	110	399	193	075	500	-044
110	255	147	108	656	-164	110	350	-139	198	-479	-926	110	400	-219	092	728	-133
110	301	-274	048	-035	-563	110	351	-042	167	-585	-706	110	401	-337	059	-180	-610
110	302	-345	068	-057	-640	110	352	-257	045	-070	-438	110	402	-230	050	-114	-502
110	303	-478	111	-167	-1036	110	353	-257	035	-101	-436	110	403	-251	048	-005	-559
110	304	-268	113	-053	-784	110	354	-250	040	-010	-468	110	404	-251	054	-204	-600
110	305	-239	091	-098	-636	110	355	-157	059	-069	-427	110	405	-292	055	-106	-601
110	306	-344	159	-175	-1116	110	356	-184	100	-131	-635	110	406	-254	047	-107	-495
110	307	-274	053	-104	-540	110	357	-236	109	-106	-706	110	407	-290	064	-066	-665
110	308	-334	066	-097	-610	110	358	-403	227	-325	-1217	110	408	-277	048	-071	-714
110	309	-437	090	-177	-782	110	359	-458	235	-160	-1333	110	409	-275	059	-036	-700
110	310	-393	071	-156	-856	110	360	-209	161	-345	-738	110	410	-279	067	-044	-1140
110	311	-366	084	-079	-699	110	361	-021	083	-403	-257	110	411	-263	049	-111	-597
110	312	-533	104	-203	-883	110	362	-088	089	-492	-434	110	412	-250	036	-141	-447
110	313	-260	039	-129	-429	110	363	-016	170	-621	-721	110	413	-250	045	-108	-513
110	314	-259	049	-086	-507	110	364	-114	126	-610	-465	110	414	-292	047	-114	-548
110	315	-279	057	-089	-598	110	365	-245	048	-009	-469	110	415	-283	045	-123	-550
110	316	-362	087	-139	-740	110	366	-227	038	-064	-410	110	416	-287	037	-160	-524
110	317	-434	093	-169	-792	110	367	-195	053	-105	-434	110	417	-278	041	-137	-466
110	318	-432	097	-158	-822	110	368	-012	081	-384	-302	110	418	-266	041	-140	-538
110	319	-550	165	-125	-1059	110	369	-015	103	-401	-305	110	419	-263	041	-090	-478
110	320	-859	221	-252	-1884	110	370	-018	094	-443	-360	110	420	-267	034	-125	-497
110	321	-382	076	-083	-653	110	371	-034	149	-610	-667	110	421	-286	067	-056	-693
110	322	-167	063	-164	-426	110	372	-092	165	-588	-841	110	422	-271	057	-070	-574
110	323	-105	082	-200	-512	110	373	-020	111	-490	-476	110	423	-261	049	-087	-512
110	324	-321	159	-156	-1015	110	374	-118	063	-367	-128	110	424	-246	031	-136	-440

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	191	- .216	.111	.192	- .846	120	250	.210	.080	.611	- .034	120	345	- .646	.280	.034	-1.676
120	201	.286	.156	.805	- .597	120	251	.215	.114	.888	- .171	120	346	- .710	.309	.006	-1.831
120	202	.332	.187	.911	- .679	120	252	.242	.123	.777	- .096	120	347	- .296	.185	.229	- .970
120	203	.291	.180	1.002	- .714	120	253	.230	.103	.722	- .109	120	348	- .015	.089	.364	- .286
120	204	.544	.121	.008	- .960	120	254	.181	.116	.772	- .185	120	349	.110	.081	.379	- .144
120	205	.383	.131	.188	- .848	120	255	.058	.102	.528	- .288	120	350	.053	.169	.526	- .612
120	206	.568	.156	.102	-1.137	120	301	- .326	.069	- .087	- .745	120	351	.187	.137	.648	- .375
120	207	.083	.182	.873	- .479	120	302	- .422	.090	- .045	- .804	120	352	- .305	.044	- .169	- .480
120	208	.073	.107	.523	- .256	120	303	- .553	.130	- .110	-1.398	120	353	- .312	.038	- .172	- .477
120	209	.115	.131	.623	- .305	120	304	- .390	.144	- .053	- .854	120	354	- .290	.045	- .148	- .499
120	210	.191	.146	.805	- .270	120	305	- .192	.114	- .206	- .743	120	355	- .150	.065	- .180	- .392
120	211	.179	.158	.878	- .284	120	306	- .210	.141	- .319	- .958	120	356	- .153	.109	.222	- .565
120	212	.140	.132	.604	- .419	120	307	- .367	.070	- .179	- .690	120	357	- .199	.125	.149	- .713
120	213	.017	.155	.545	- .738	120	308	- .435	.083	- .142	- .833	120	358	- .349	.265	.421	-1.450
120	214	.201	.158	.722	- .316	120	309	- .520	.081	- .306	- .983	120	359	- .406	.274	.301	-1.507
120	215	.284	.142	.740	- .128	120	310	- .500	.088	- .250	- .940	120	360	- .144	.179	.357	- .825
120	216	.346	.124	.777	- .019	120	311	- .418	.103	- .085	- .898	120	361	- .095	.089	.479	- .231
120	217	.404	.159	.980	- .009	120	312	- .579	.116	- .097	-1.050	120	362	- .156	.094	.621	- .120
120	218	.402	.181	.990	- .147	120	313	- .323	.044	- .157	- .537	120	363	- .129	.144	.633	- .449
120	219	.276	.184	.891	- .384	120	314	- .319	.052	- .099	- .581	120	364	- .222	.129	.669	- .222
120	220	.050	.138	.702	- .452	120	315	- .338	.058	- .145	- .665	120	365	- .310	.052	- .059	- .575
120	221	.253	.141	.820	- .231	120	316	- .395	.084	- .164	- .869	120	366	- .293	.042	- .085	- .500
120	222	.312	.132	.881	- .108	120	317	- .435	.088	- .194	- .785	120	367	- .261	.056	- .053	- .685
120	223	.361	.135	.934	- .010	120	318	- .430	.085	- .148	- .796	120	368	- .034	.080	.415	- .382
120	224	.339	.117	.774	- .061	120	319	- .545	.187	- .207	-1.126	120	369	- .016	.106	.554	- .488
120	225	.309	.150	.863	- .125	120	320	- .886	.276	- .212	-1.868	120	370	- .014	.103	.315	- .423
120	226	.170	.156	.727	- .341	120	321	- .358	.094	- .077	- .663	120	371	- .028	.170	.461	- .804
120	227	.022	.150	.622	- .567	120	322	- .124	.078	- .252	- .350	120	372	- .090	.188	.443	- .867
120	228	.217	.097	.553	- .118	120	323	- .047	.084	- .329	- .293	120	373	- .029	.124	.422	- .490
120	229	.250	.110	.676	- .140	120	324	- .179	.161	- .321	- .811	120	374	- .130	.065	.443	- .092
120	230	.281	.114	.747	- .069	120	325	- .027	.112	- .476	- .442	120	375	- .144	.074	.517	- .151
120	231	.300	.124	.819	- .042	120	326	- .344	.052	- .186	- .578	120	376	- .109	.101	.567	- .440
120	232	.276	.133	.809	- .058	120	327	- .325	.048	- .177	- .531	120	377	- .150	.098	.582	- .291
120	233	.112	.149	.772	- .305	120	328	- .295	.049	- .152	- .497	120	378	- .233	.059	.074	- .475
120	234	.103	.141	.435	- .628	120	329	- .327	.074	- .142	- .666	120	379	- .038	.090	.667	- .379
120	235	.162	.108	.770	- .210	120	330	- .437	.128	- .135	- .952	120	380	- .058	.113	.556	- .304
120	236	.194	.093	.639	- .073	120	331	- .536	.150	- .147	-1.089	120	381	- .139	.095	.502	- .233
120	237	.207	.112	.747	- .109	120	332	- .898	.259	- .135	-1.620	120	382	- .137	.067	.431	- .087
120	238	.202	.119	.727	- .154	120	333	- .810	.246	- .219	-1.723	120	383	- .170	.071	.500	- .122
120	239	.137	.126	.628	- .309	120	334	- .401	.154	- .044	- .894	120	384	- .175	.074	.490	- .131
120	240	.013	.105	.490	- .303	120	335	- .047	.089	- .319	- .343	120	385	- .163	.078	.486	- .158
120	241	.152	.122	.344	- .539	120	336	- .075	.092	- .425	- .343	120	386	- .168	.076	.497	- .267
120	242	.194	.076	.521	- .051	120	337	- .018	.153	- .432	- .767	120	387	- .192	.077	.529	- .027
120	243	.203	.076	.527	- .007	120	338	- .160	.153	- .662	- .473	120	388	- .187	.082	.532	- .054
120	244	.197	.078	.542	- .168	120	339	- .331	.050	- .162	- .571	120	389	- .174	.079	.488	- .034
120	245	.208	.091	.607	- .226	120	340	- .302	.044	- .164	- .492	120	390	- .279	.077	.054	- .642
120	246	.214	.101	.621	- .157	120	341	- .258	.040	- .120	- .455	120	391	- .062	.098	.629	- .188
120	247	.117	.099	.497	- .201	120	342	- .235	.079	- .025	- .845	120	392	- .078	.111	.660	- .246
120	248	.063	.076	.261	- .333	120	343	- .306	.130	- .031	-1.089	120	393	- .084	.106	.450	- .225
120	249	.141	.081	.193	- .426	120	344	- .384	.160	- .058	-1.142	120	394	- .230	.044	- .046	- .416

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	395	-229	043	-052	-413	120	445	-296	045	-141	-501	130	111	-496	122	-142	-1178
120	396	-079	075	-289	-292	120	446	-341	069	-106	-651	130	112	-486	119	-161	-1094
120	397	055	089	-572	-138	120	701	-364	085	-049	-736	130	113	-600	124	-331	-1546
120	398	032	150	-566	-454	120	702	-342	080	-066	-758	130	114	-613	143	-303	-1604
120	399	216	085	-627	-030	120	703	-320	059	-104	-640	130	115	-637	147	-223	-1613
120	400	238	100	-667	-031	120	704	-310	053	-132	-578	130	116	-614	147	-154	-1525
120	401	375	062	-184	-830	120	705	-327	052	-179	-546	130	117	-577	134	-136	-1372
120	402	349	059	-141	-675	120	706	-311	059	-113	-586	130	118	-563	154	-011	-1319
120	403	352	075	-126	-804	120	801	-200	093	-170	-548	130	119	-551	139	-079	-1109
120	404	388	056	-204	-753	120	802	171	112	-643	-186	130	120	-543	162	-049	-1349
120	405	353	058	-168	-629	120	803	217	094	-569	-082	130	121	-536	115	-101	-1110
120	406	363	080	-165	-860	120	804	175	077	-561	-046	130	122	-505	128	-112	-1115
120	407	375	088	-124	-985	120	805	-447	139	-056	-1007	130	123	-486	122	-151	-1056
120	408	361	062	-167	-634	120	806	-436	161	-011	-1368	130	124	-469	109	-100	-985
120	409	356	072	-103	-827	120	807	-180	058	-516	-032	130	125	-454	080	-222	-784
120	410	352	065	-154	-1043	120	808	-348	138	-057	-968	130	126	-609	141	-286	-1594
120	411	340	055	-176	-577	120	809	052	101	-518	-193	130	127	-617	147	-285	-1620
120	412	337	048	-180	-531	120	810	-229	124	-272	-992	130	128	-633	161	-161	-1880
120	413	336	058	-144	-570	120	811	-222	042	-080	-406	130	129	-614	138	-129	-1412
120	414	369	077	-170	-864	120	901	-366	069	-190	-783	130	130	-570	146	-058	-1204
120	415	362	071	-166	-772	120	902	-330	058	-148	-672	130	131	-562	148	-053	-1167
120	416	357	055	-217	-588	120	903	-709	178	-191	-1369	130	132	-546	139	-052	-1186
120	417	352	057	-182	-620	120	904	-353	072	-143	-697	130	133	-554	129	-159	-1151
120	418	345	055	-178	-568	120	905	-320	060	-150	-598	130	134	-528	126	-073	-1094
120	419	342	056	-132	-562	120	906	-403	092	-141	-889	130	135	-496	110	-135	-1100
120	420	346	050	-193	-577	120	907	-344	070	-123	-675	130	136	-478	099	-154	-922
120	421	383	091	-137	-895	120	908	-365	079	-088	-796	130	137	-489	090	-217	-882
120	422	368	080	-133	-825	120	909	-849	139	-365	-1378	130	138	-471	091	-215	-950
120	423	359	071	-149	-770	120	910	-840	148	-450	-1450	130	139	-563	126	-271	-1162
120	424	345	047	-206	-546	120	911	-352	087	-038	-871	130	140	-569	130	-269	-1234
120	425	329	051	-128	-620	120	912	-802	154	-246	-1463	130	141	-603	131	-162	-1300
120	426	323	052	-119	-688	120	913	-851	171	-206	-1765	130	142	-600	161	-013	-1357
120	427	321	053	-113	-649	120	914	-468	096	-091	-870	130	143	-578	159	-004	-1303
120	428	367	068	-171	-669	120	915	-748	175	-249	-1572	130	144	-578	164	-002	-1301
120	429	345	064	-153	-608	120	916	-624	120	-169	-1096	130	145	-593	146	-143	-1261
120	430	330	055	-165	-577	120	3651	-307	054	-141	-665	130	146	-598	181	-042	-1544
120	431	310	044	-136	-570	120	3652	-308	055	-121	-607	130	147	-558	151	-107	-1248
120	432	296	037	-123	-610	120	3653	-308	056	-123	-743	130	148	-501	088	-166	-970
120	433	292	044	-056	-606	120	3654	-297	044	-098	-515	130	149	-492	083	-243	-831
120	434	289	045	-052	-590	120	3655	-266	057	-000	-778	130	150	-490	095	-198	-916
120	435	312	058	-133	-645	130	101	-052	242	-362	-1937	130	151	-461	082	-204	-813
120	436	310	064	-113	-691	130	102	-649	152	-174	-1410	130	152	-554	156	-215	-1593
120	437	299	056	-104	-605	130	103	-616	171	-107	-1539	130	153	-567	137	-243	-1293
120	438	286	048	-064	-556	130	104	-578	144	-102	-1326	130	154	-564	169	-195	-1800
120	439	291	044	-133	-561	130	105	-523	116	-183	-1077	130	155	-585	174	-061	-1417
120	440	291	055	-079	-611	130	106	-514	144	-080	-1438	130	156	-572	168	-043	-1358
120	441	291	055	-062	-590	130	107	-699	232	-158	-1861	130	157	-607	152	-017	-1421
120	442	359	104	-016	-847	130	108	-626	126	-283	-1315	130	158	-609	184	-054	-1647
120	443	327	053	-148	-571	130	109	-596	125	-097	-1265	130	159	-619	201	-252	-1706
120	444	305	048	-136	-534	130	110	-544	116	-193	-1149	130	160	-574	168	-020	-1401

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	161	-495	103	-085	-961	130	220	-022	124	402	-409	130	315	-389	060	-198	-650
130	162	-469	096	-059	-897	130	221	-298	146	953	-176	130	316	-416	079	-115	-744
130	163	-473	103	-100	-986	130	222	-331	150	956	-070	130	317	-436	084	-177	-756
130	164	-425	078	-145	-766	130	223	-355	155	977	-008	130	318	-440	085	-158	-777
130	165	-563	125	-277	-1387	130	224	-381	128	943	-028	130	319	-553	186	-357	-1164
130	166	-572	150	-228	-1466	130	225	-321	154	800	-091	130	320	-837	309	-156	-1839
130	167	-587	159	-164	-1552	130	226	-154	150	695	-294	130	321	-301	092	-038	-642
130	168	-589	163	-037	-1832	130	227	-049	137	578	-493	130	322	-085	090	-253	-319
130	169	-581	133	-173	-1366	130	228	-233	103	636	-067	130	323	-013	097	-352	-299
130	170	-573	170	-103	-1531	130	229	-253	127	743	-098	130	324	-050	152	-433	-609
130	171	-552	161	-070	-1571	130	230	-268	135	787	-096	130	325	-124	128	-642	-261
130	172	-582	195	-063	-1751	130	231	-261	144	808	-123	130	326	-410	057	-230	-652
130	173	-532	122	-131	-1428	130	232	-212	129	718	-118	130	327	-371	052	-196	-613
130	174	-480	114	-091	-928	130	233	-040	140	685	-382	130	328	-310	053	-130	-544
130	175	-466	102	-119	-888	130	234	-156	129	474	-571	130	329	-298	069	-078	-692
130	176	-464	101	-157	-941	130	235	-126	108	630	-345	130	330	-383	124	-005	-1015
130	177	-441	073	-234	-831	130	236	-111	100	513	-218	130	331	-478	159	-018	-1151
130	178	-467	128	-069	-1406	130	237	-120	118	621	-245	130	332	-836	314	-171	-1769
130	179	-584	174	-143	-1685	130	238	-107	125	668	-254	130	333	-872	279	-130	-1766
130	180	-579	181	-116	-1551	130	239	-037	126	614	-284	130	334	-380	176	-228	-1915
130	181	-583	134	-204	-1194	130	240	-088	096	327	-414	130	335	-016	104	-417	-307
130	182	-532	158	-115	-1374	130	241	-210	103	225	-561	130	336	-150	104	-585	-1159
130	183	-495	155	-027	-1307	130	242	-161	078	519	-059	130	337	-130	147	-615	-424
130	184	-484	154	-032	-1374	130	243	-172	080	551	-057	130	338	-275	154	-877	-340
130	185	-574	116	-242	-1107	130	244	-157	093	593	-289	130	339	-390	055	-245	-386
130	186	-500	128	-132	-1165	130	245	-173	108	703	-310	130	340	-339	049	-188	-522
130	187	-472	147	-020	-1366	130	246	-177	117	687	-243	130	341	-264	045	-073	-444
130	188	-425	134	-022	-1401	130	247	-077	110	603	-314	130	342	-210	074	-085	-506
130	189	-380	099	-029	-922	130	248	-116	076	216	-409	130	343	-253	115	-118	-744
130	190	-348	123	-114	-800	130	249	-199	073	101	-552	130	344	-321	146	-104	-936
130	191	-335	123	-020	-816	130	250	-204	088	650	-057	130	345	-617	289	-199	-1751
130	201	-320	177	-951	-403	130	251	-172	130	659	-392	130	346	-686	323	-166	-1920
130	202	-295	201	-940	-709	130	252	-201	132	689	-220	130	347	-257	192	-419	-1005
130	203	-207	197	-828	-626	130	253	-186	115	636	-135	130	348	-063	098	-451	-260
130	204	-371	148	-133	-1047	130	254	-138	125	638	-221	130	349	-170	103	-672	-093
130	205	-427	144	-280	-955	130	255	-010	110	486	-341	130	350	-162	168	-872	-503
130	206	-575	131	-036	-1069	130	301	-364	077	-127	-627	130	351	-275	148	-987	-164
130	207	-156	175	-770	-401	130	302	-466	106	-038	-871	130	352	-375	055	-202	-633
130	208	-113	126	-576	-306	130	303	-597	123	-183	-1159	130	353	-366	044	-189	-590
130	209	-126	148	-669	-432	130	304	-487	149	-202	-1018	130	354	-326	048	-151	-606
130	210	-175	157	-695	-287	130	305	-175	157	-301	-934	130	355	-140	073	-180	-455
130	211	-127	158	-695	-380	130	306	-097	168	-619	-966	130	356	-115	117	-265	-570
130	212	-065	132	-620	-381	130	307	-477	085	-178	-808	130	357	-116	122	-202	-583
130	213	-060	148	-425	-630	130	308	-537	095	-185	-886	130	358	-275	252	-363	-1283
130	214	-285	156	-055	-276	130	309	-604	088	-348	-1036	130	359	-329	260	-360	-1349
130	215	-330	151	-052	-096	130	310	-592	093	-276	-1020	130	360	-097	171	-450	-809
130	216	-382	136	-873	-021	130	311	-474	123	-062	-976	130	361	-110	099	-548	-229
130	217	-399	168	-046	-081	130	312	-589	144	-135	-1179	130	362	-161	100	-591	-1102
130	218	-353	179	-009	-202	130	313	-391	051	-246	-565	130	363	-157	136	-664	-381
130	219	-196	170	-803	-383	130	314	-385	057	-220	-603	130	364	-227	120	-688	-130

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	365	-384	.062	-186	-675	130	415	-462	.081	-228	-807	130	902	-412	.070	-183	-811
130	366	-365	.053	-135	-586	130	416	-459	.066	-263	-752	130	903	-809	.186	-311	-1502
130	367	-318	.064	-059	-752	130	417	-444	.069	-236	-753	130	904	-439	.077	-192	-771
130	368	-038	.094	.414	-450	130	418	-435	.065	-237	-753	130	905	-424	.079	-185	-866
130	369	-036	.124	.494	-473	130	419	-431	.064	-219	-756	130	906	-464	.111	-162	-938
130	370	-024	.118	.355	-444	130	420	-428	.054	-263	-640	130	907	-427	.076	-162	-741
130	371	-025	.187	.515	-692	130	421	-471	.081	-202	-877	130	908	-471	.114	-102	-1453
130	372	-089	.205	.430	-930	130	422	-449	.072	-222	-759	130	909	-942	.176	-412	-1583
130	373	-028	.141	.517	-493	130	423	-439	.067	-221	-717	130	910	-984	.198	-478	-1748
130	374	-118	.072	.402	-112	130	424	-427	.057	-282	-682	130	911	-475	.119	-107	-976
130	375	-122	.081	.459	-161	130	425	-414	.064	-243	-726	130	912	-895	.170	-436	-1567
130	376	-090	.099	.556	-341	130	426	-409	.064	-230	-714	130	913	-932	.162	-432	-1746
130	377	-114	.107	.617	-323	130	427	-407	.064	-232	-711	130	914	-563	.128	-074	-1117
130	378	-318	.076	-008	-614	130	428	-448	.066	-241	-737	130	915	-649	.125	-304	-1272
130	379	-037	.105	.471	-373	130	429	-415	.064	-207	-660	130	916	-686	.122	-274	-1201
130	380	-065	.136	.477	-331	130	430	-400	.058	-224	-661	130	3651	-366	.158	-135	-684
130	381	-138	.101	.512	-236	130	431	-385	.053	-191	-683	130	3652	-361	.058	-099	-686
130	382	-131	.071	.430	-098	130	432	-377	.042	-241	-539	130	3653	-364	.059	-170	-647
130	383	-155	.079	.517	-139	130	433	-368	.049	-173	-572	130	3654	-363	.047	-219	-580
130	384	-153	.085	.512	-136	130	434	-365	.051	-159	-574	130	3655	-314	.055	-064	-667
130	385	-137	.089	.519	-245	130	435	-388	.061	-164	-731	140	101	-904	.226	-271	-1655
130	386	-133	.071	.480	-225	130	436	-375	.066	-117	-773	140	102	-531	.111	-154	-1457
130	387	-163	.072	.464	-004	130	437	-361	.060	-145	-652	140	103	-535	.138	-121	-1334
130	388	-160	.077	.493	-059	130	438	-353	.055	-156	-577	140	104	-529	.124	-195	-1296
130	389	-146	.072	.439	-057	130	439	-371	.049	-214	-648	140	105	-539	.107	-215	-1161
130	390	-378	.099	-074	-806	130	440	-362	.060	-161	-654	140	106	-525	.117	-221	-1392
130	391	-065	.116	.647	-296	130	441	-358	.061	-147	-671	140	107	-553	.153	-185	-1836
130	392	-121	.118	.601	-342	130	442	-441	.096	-029	-884	140	108	-538	.091	-288	-1131
130	393	-058	.110	.419	-275	130	443	-408	.057	-201	-643	140	109	-547	.102	-299	-1377
130	394	-295	.049	-130	-458	130	444	-372	.056	-161	-590	140	110	-531	.102	-238	-1068
130	395	-292	.049	-125	-459	130	445	-358	.055	-157	-579	140	111	-520	.115	-132	-1025
130	396	-138	.074	.300	-333	130	446	-402	.070	-184	-781	140	112	-502	.096	-168	-952
130	397	-037	.101	.535	-201	130	701	-460	.085	-169	-893	140	113	-481	.063	-306	-874
130	398	-042	.177	.808	-405	130	702	-421	.080	-153	-758	140	114	-491	.074	-277	-987
130	399	-211	.086	.693	-033	130	703	-391	.063	-179	-671	140	115	-509	.082	-257	-1099
130	400	-223	.094	.704	-103	130	704	-376	.059	-201	-608	140	116	-520	.097	-225	-1131
130	401	-448	.085	-193	-856	130	705	-401	.059	-237	-633	140	117	-517	.087	-195	-987
130	402	-426	.074	-224	-722	130	706	-380	.066	-166	-682	140	118	-523	.105	-154	-1030
130	403	-466	.094	-155	-864	130	801	-232	.098	.079	-662	140	119	-518	.105	-176	-1055
130	404	-466	.076	-221	-825	130	802	-146	.110	.556	-146	140	120	-526	.121	-094	-1162
130	405	-431	.072	-200	-786	130	803	-155	.099	.593	-242	140	121	-513	.097	-213	-1015
130	406	-472	.102	-200	-180	130	804	-154	.073	-480	-044	140	122	-505	.107	-183	-1236
130	407	-457	.096	-144	-896	130	805	-517	.134	-099	-188	140	123	-494	.103	-169	-976
130	408	-448	.072	-197	-814	130	806	-497	.136	-086	-1301	140	124	-475	.095	-182	-941
130	409	-441	.082	-132	-870	130	807	-173	.066	-427	-017	140	125	-457	.068	-218	-772
130	410	-438	.074	-172	-764	130	808	-465	.132	-084	-1381	140	126	-475	.069	-229	-804
130	411	-422	.066	-185	-694	130	809	-053	.108	.528	-298	140	127	-479	.072	-227	-833
130	412	-416	.054	-256	-627	130	810	-372	.139	-204	-1100	140	128	-483	.078	-175	-900
130	413	-411	.064	-214	-674	130	811	-302	.046	-123	-545	140	129	-504	.079	-236	-918
130	414	-474	.089	-237	-864	130	901	-465	.089	-213	-947	140	130	-517	.093	-178	-1073

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	131	-.524	.100	-.121	-1.080	140	181	-.489	.109	-.155	-1.141	140	240	-.150	.090	.249	-.401
140	132	-.531	.111	-.001	-1.070	140	182	-.483	.127	-.140	-1.318	140	241	-.252	.097	.145	-.571
140	133	-.547	.105	-.213	-1.022	140	183	-.476	.120	-.116	-1.172	140	242	-.161	.080	.474	-.075
140	134	-.530	.101	-.241	-.960	140	184	-.475	.118	-.077	-1.273	140	243	.174	.084	.598	-.060
140	135	-.509	.087	-.252	-1.043	140	185	-.495	.104	-.213	-1.199	140	244	.075	.111	.435	-.408
140	136	-.495	.082	-.263	-1.104	140	186	-.456	.103	-.162	-1.215	140	245	.091	.124	.471	-.445
140	137	-.467	.064	-.280	-.725	140	187	-.462	.104	-.164	-1.429	140	246	.099	.119	.513	-.330
140	138	-.448	.064	-.257	-.725	140	188	-.462	.096	-.102	-1.004	140	247	.015	.103	.403	-.268
140	139	-.444	.074	-.210	-.930	140	189	-.415	.080	-.053	-.870	140	248	-.130	.069	.117	-.331
140	140	-.445	.076	-.222	-.986	140	190	-.401	.100	-.097	-.932	140	249	-.206	.068	.035	-.495
140	141	-.471	.085	-.227	-1.173	140	191	-.390	.103	-.107	-.977	140	250	.196	.091	.666	-.014
140	142	-.493	.107	-.009	-1.135	140	201	-.314	.176	.850	-.537	140	251	.085	.143	.506	-.474
140	143	-.509	.109	-.000	-1.272	140	202	.215	.197	.786	-.701	140	252	.121	.134	.564	-.362
140	144	-.517	.116	-.021	-1.250	140	203	.079	.208	.931	-.750	140	253	.136	.103	.651	-.222
140	145	-.536	.114	-.220	-1.303	140	204	-.537	.152	.188	-.987	140	254	.091	.112	.671	-.285
140	146	-.545	.138	-.164	-1.445	140	205	-.407	.129	.228	-.831	140	255	-.013	.097	.525	-.314
140	147	-.509	.110	-.181	-1.050	140	206	-.492	.090	-.115	-.908	140	301	-.356	.076	-.114	-.756
140	148	-.471	.067	-.247	-.734	140	207	-.197	.161	.685	-.341	140	302	-.462	.115	.017	-.838
140	149	-.438	.053	-.264	-.637	140	208	-.139	.135	.604	-.306	140	303	-.576	.121	-.066	-1.392
140	150	-.434	.062	-.219	-.680	140	209	-.137	.156	.771	-.356	140	304	-.482	.132	.160	-.990
140	151	-.410	.057	-.213	-.627	140	210	-.168	.162	.795	-.273	140	305	-.185	.186	.268	-.896
140	152	-.430	.085	-.200	-.954	140	211	.113	.154	.640	-.363	140	306	.031	.163	.538	-.638
140	153	-.453	.077	-.222	-1.025	140	212	.018	.116	.447	-.352	140	307	-.479	.082	-.217	-.750
140	154	-.469	.099	-.171	-1.128	140	213	-.102	.120	.358	-.477	140	308	-.538	.091	-.278	-.859
140	155	-.492	.115	-.151	-1.406	140	214	-.349	.169	.983	-.181	140	309	-.612	.086	-.352	-1.166
140	156	-.510	.114	-.159	-1.293	140	215	-.367	.172	1.057	-.094	140	310	-.616	.098	-.302	-1.157
140	157	-.526	.101	-.204	-1.025	140	216	-.379	.146	.897	-.001	140	311	-.510	.135	-.034	-1.204
140	158	-.550	.134	-.152	-1.222	140	217	-.368	.170	.978	-.150	140	312	-.530	.174	.096	-1.176
140	159	-.553	.142	-.141	-1.272	140	218	-.293	.168	.862	-.218	140	313	-.389	.045	-.232	-.607
140	160	-.516	.116	-.186	-1.034	140	219	-.134	.148	.819	-.367	140	314	-.380	.050	-.206	-.618
140	161	-.460	.073	-.243	-.848	140	220	-.057	.102	.308	-.412	140	315	-.376	.053	-.220	-.571
140	162	-.438	.070	-.214	-.804	140	221	-.318	.146	.880	-.145	140	316	-.390	.070	-.183	-.716
140	163	-.427	.077	-.130	-.821	140	222	-.332	.157	.967	-.060	140	317	-.399	.072	-.175	-.698
140	164	-.398	.064	-.166	-.706	140	223	-.341	.161	1.007	-.047	140	318	-.408	.080	-.130	-.719
140	165	-.470	.083	-.275	-.935	140	224	-.325	.138	.874	-.008	140	319	-.507	.179	.295	-1.109
140	166	-.478	.099	-.245	-1.011	140	225	-.236	.152	.857	-.155	140	320	-.711	.266	-.111	-1.814
140	167	-.496	.106	-.217	-1.087	140	226	-.075	.135	.594	-.282	140	321	-.240	.098	.080	-.538
140	168	-.517	.123	-.228	-1.350	140	227	-.094	.113	.342	-.410	140	322	-.024	.102	.386	-.327
140	169	-.525	.097	-.183	-1.072	140	228	-.240	.116	.631	-.163	140	323	.053	.113	.515	-.300
140	170	-.528	.123	-.112	-1.318	140	229	-.246	.142	.781	-.157	140	324	.068	.146	.625	-.547
140	171	-.514	.115	-.123	-1.108	140	230	-.251	.148	.823	-.105	140	325	.169	.133	.746	-.229
140	172	-.546	.143	-.122	-1.385	140	231	-.231	.152	.761	-.161	140	326	-.408	.054	-.254	-.623
140	173	-.499	.089	-.213	-.983	140	232	-.156	.120	.590	-.220	140	327	-.364	.051	-.213	-.557
140	174	-.463	.087	-.221	-.811	140	233	-.014	.120	.403	-.492	140	328	-.297	.055	-.097	-.528
140	175	-.440	.075	-.217	-.738	140	234	-.182	.103	.174	-.687	140	329	-.261	.071	.045	-.531
140	176	-.428	.075	-.210	-.733	140	235	-.059	.114	.591	-.517	140	330	-.316	.117	.174	-.881
140	177	-.409	.056	-.150	-.670	140	236	-.054	.098	.488	-.294	140	331	-.392	.152	.193	-.977
140	178	-.450	.091	-.174	-1.187	140	237	-.056	.114	.549	-.316	140	332	-.682	.308	.394	-1.642
140	179	-.470	.122	-.164	-1.255	140	238	-.042	.117	.525	-.318	140	333	-.695	.259	-.033	-1.607
140	180	-.463	.125	-.147	-1.327	140	239	-.028	.117	.492	-.369	140	334	-.256	.168	.295	-.793

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	335	.088	.120	.684	-.269	140	385	.104	.079	.400	-.167	140	435	-.386	.052	-.198	-.582
140	336	.197	.125	.860	-.145	140	386	.106	.071	.409	-.234	140	436	-.390	.060	-.164	-.666
140	337	.228	.145	.746	-.308	140	387	.153	.077	.514	-.062	140	437	-.386	.058	-.181	-.649
140	338	.330	.155	.947	-.140	140	388	.149	.081	.525	-.091	140	438	-.387	.059	-.201	-.669
140	339	-.388	.051	-.186	-.654	140	389	.138	.073	.432	-.064	140	439	-.395	.054	-.252	-.600
140	340	-.327	.050	-.097	-.540	140	390	-.404	.099	-.039	-.920	140	440	-.392	.066	-.185	-.632
140	341	-.252	.049	-.063	-.447	140	391	-.059	.112	.559	-.284	140	441	-.388	.066	-.174	-.629
140	342	-.189	.080	.072	-.512	140	392	.127	.105	.645	-.243	140	442	-.420	.082	-.223	-.869
140	343	.221	.122	.137	-.769	140	393	.115	.101	.463	-.237	140	443	-.405	.052	-.244	-.603
140	344	-.283	.155	.141	-.919	140	394	-.327	.052	-.156	-.522	140	444	-.392	.057	-.211	-.606
140	345	-.497	.270	.303	-1.347	140	395	-.326	.051	-.166	-.523	140	445	-.386	.060	-.209	-.632
140	346	-.566	.301	.366	-1.594	140	396	-.142	.078	.267	-.359	140	446	-.443	.082	-.203	-.785
140	347	-.151	.182	.571	-.718	140	397	.036	.085	.468	-.234	140	701	-.431	.062	-.224	-.756
140	348	.134	.103	.504	-.172	140	398	.077	.140	.507	-.494	140	702	-.415	.061	-.211	-.661
140	349	.232	.108	.734	-.063	140	399	.194	.087	.574	-.070	140	703	-.400	.058	-.226	-.700
140	350	.261	.153	.930	-.234	140	400	.188	.088	.556	-.053	140	704	-.394	.061	-.228	-.647
140	351	.338	.156	.964	-.100	140	401	-.464	.079	-.243	-.914	140	705	-.409	.057	-.239	-.677
140	352	-.392	.060	-.223	-.623	140	402	-.442	.073	-.235	-.794	140	706	-.402	.065	-.188	-.671
140	353	-.368	.045	-.224	-.577	140	403	-.465	.084	-.224	-.803	140	801	-.214	.096	-.146	-.596
140	354	-.320	.048	-.127	-.567	140	404	-.478	.064	-.218	-.815	140	802	.074	.120	.536	-.364
140	355	.122	.083	.183	-.376	140	405	-.449	.066	-.203	-.719	140	803	.125	.114	.516	-.398
140	356	.084	.126	.370	-.595	140	406	-.472	.082	-.216	-.920	140	804	.148	.082	.599	-.088
140	357	.127	.148	.315	-.607	140	407	-.467	.082	-.146	-.998	140	805	-.460	.120	-.121	-1.221
140	358	-.202	.284	.525	-1.291	140	408	-.463	.071	-.247	-1.018	140	806	-.453	.111	-.149	-1.236
140	359	-.251	.291	.554	-1.336	140	409	-.458	.080	-.225	-1.022	140	807	-.153	.062	-.463	-.002
140	360	-.039	.192	.570	-.718	140	410	-.454	.073	-.240	-.840	140	808	-.436	.104	-.135	-1.108
140	361	.131	.101	.521	-.212	140	411	-.441	.068	-.241	-.760	140	809	.025	.092	.652	-.310
140	362	.174	.110	.707	-.160	140	412	-.428	.053	-.266	-.646	140	810	-.403	.107	-.051	-.881
140	363	.186	.141	.684	-.383	140	413	-.423	.063	-.234	-.678	140	811	-.322	.049	-.160	-.552
140	364	.231	.134	.720	-.197	140	414	-.470	.070	-.218	-.892	140	901	-.500	.094	-.236	-.948
140	365	-.399	.064	.196	-.739	140	415	-.463	.066	-.245	-.805	140	902	-.434	.068	-.221	-.701
140	366	-.382	.051	.176	-.619	140	416	-.452	.054	-.284	-.729	140	903	-.795	.176	-.368	-1.559
140	367	-.327	.061	.017	-.706	140	417	-.444	.061	-.261	-.748	140	904	-.480	.081	-.218	-.927
140	368	.012	.105	.435	-.433	140	418	-.435	.060	-.250	-.738	140	905	-.460	.075	-.222	-.728
140	369	.073	.129	.596	-.416	140	419	-.429	.059	-.241	-.716	140	906	-.477	.111	-.130	-.919
140	370	.051	.121	.463	-.484	140	420	-.436	.053	-.284	-.646	140	907	-.429	.071	-.199	-.756
140	371	.068	.167	.611	-.692	140	421	-.446	.066	-.225	-.735	140	908	-.480	.096	-.064	-1.086
140	372	.027	.190	.610	-.917	140	422	-.437	.065	-.248	-.718	140	909	-.825	.148	-.386	-1.492
140	373	.081	.133	.533	-.448	140	423	-.434	.063	-.237	-.697	140	910	-.949	.161	-.441	-1.574
140	374	.121	.074	.430	-.118	140	424	-.440	.053	-.271	-.729	140	911	-.489	.112	-.051	-.928
140	375	.102	.083	.499	-.238	140	425	-.431	.058	-.250	-.658	140	912	-.813	.138	-.226	-1.330
140	376	.056	.099	.614	-.408	140	426	-.423	.058	-.227	-.634	140	913	-.828	.145	-.457	-1.855
140	377	.053	.113	.598	-.459	140	427	-.419	.058	-.211	-.629	140	914	-.536	.104	-.206	-1.230
140	378	.318	.067	.012	-.624	140	428	-.425	.057	-.216	-.594	140	915	-.514	.088	-.215	-1.079
140	379	.045	.106	.523	-.345	140	429	-.413	.064	-.187	-.782	140	916	-.687	.127	-.266	-1.202
140	380	.094	.133	.545	-.440	140	430	-.410	.063	-.216	-.766	140	3651	-.396	.068	-.159	-.747
140	381	.136	.097	.528	-.293	140	431	-.412	.065	-.245	-.752	140	3652	-.387	.065	-.171	-.690
140	382	.131	.076	.426	-.092	140	432	-.405	.056	-.249	-.686	140	3653	-.394	.068	-.166	-.738
140	383	.139	.074	.435	-.109	140	433	-.392	.064	-.201	-.692	140	3654	-.376	.052	-.213	-.616
140	384	.132	.071	.424	-.089	140	434	-.388	.065	-.175	-.699	140	3655	-.323	.059	-.070	-.611

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	101	-715	200	-212	-1.573	150	151	-417	.072	-206	-775	150	210	142	159	710	-320
150	102	-432	.086	-081	-930	150	152	-363	.065	-142	-711	150	211	076	144	555	-356
150	103	-441	.104	-169	-1.206	150	153	-367	.054	-195	-696	150	212	-014	108	381	-463
150	104	-444	.094	-145	-1.086	150	154	-373	.064	-168	-901	150	213	-125	108	286	-613
150	105	-448	.075	-205	-939	150	155	-395	.072	-146	-828	150	214	382	177	1.040	-297
150	106	-446	.075	-185	-879	150	156	-412	.079	-138	-852	150	215	374	182	998	-208
150	107	-455	.117	-190	-1.602	150	157	-435	.077	-228	-902	150	216	387	158	979	-025
150	108	-430	.066	-213	-761	150	158	-445	.103	-201	-1.111	150	217	357	176	991	-129
150	109	-451	.072	-251	-958	150	159	-455	.108	-206	-1.145	150	218	259	159	813	-194
150	110	-444	.078	-175	-819	150	160	-419	.087	-174	-990	150	219	096	129	622	-325
150	111	-439	.088	-150	-957	150	161	-377	.055	-209	-696	150	220	-080	081	261	-369
150	112	-437	.067	-229	-699	150	162	-367	.056	-175	-749	150	221	345	140	842	-086
150	113	-385	.052	-205	-700	150	163	-379	.066	-169	-824	150	222	336	144	900	-039
150	114	-389	.062	-180	-799	150	164	-387	.072	-140	-836	150	223	333	141	895	-047
150	115	-407	.065	-190	-800	150	165	-393	.063	-227	-873	150	224	293	131	794	-043
150	116	-416	.067	-220	-802	150	166	-399	.076	-205	-1.068	150	225	184	139	666	-160
150	117	-435	.064	-233	-792	150	167	-412	.079	-210	-1.019	150	226	025	117	440	-339
150	118	-436	.078	-211	-908	150	168	-424	.091	-201	-1.559	150	227	-124	094	306	-475
150	119	-436	.082	-246	-987	150	169	-426	.071	-249	-1.119	150	228	235	122	672	-225
150	120	-441	.091	-222	-1.150	150	170	-430	.089	-225	-1.175	150	229	225	141	799	-257
150	121	-432	.067	-242	-768	150	171	-425	.088	-217	-1.419	150	230	220	139	802	-153
150	122	-424	.074	-199	-754	150	172	-437	.099	-236	-1.543	150	231	189	133	720	-157
150	123	-423	.073	-178	-784	150	173	-418	.068	-249	-960	150	232	076	101	529	-182
150	124	-423	.071	-199	-836	150	174	-401	.064	-217	-821	150	233	-074	102	379	-412
150	125	-427	.059	-249	-857	150	175	-396	.057	-217	-796	150	234	-205	084	151	-481
150	126	-388	.059	-146	-672	150	176	-390	.062	-055	-894	150	235	044	112	637	-425
150	127	-392	.061	-139	-684	150	177	-396	.053	-142	-594	150	236	016	080	539	-298
150	128	-395	.063	-145	-770	150	178	-403	.080	-212	-973	150	237	021	093	648	-307
150	129	-414	.059	-176	-721	150	179	-403	.100	-098	-1.070	150	238	007	091	607	-288
150	130	-425	.072	-127	-831	150	180	-393	.102	-092	-1.127	150	239	-061	087	489	-345
150	131	-434	.078	-146	-873	150	181	-410	.086	-171	-937	150	240	-165	064	142	-386
150	132	-436	.085	-211	-911	150	182	-415	.103	-140	-1.158	150	241	-246	072	059	-503
150	133	-446	.078	-256	-890	150	183	-420	.100	-171	-1.124	150	242	158	079	485	-068
150	134	-429	.071	-242	-804	150	184	-419	.098	-176	-1.198	150	243	175	083	548	-046
150	135	-417	.061	-204	-726	150	185	-414	.084	-156	-856	150	244	080	101	470	-357
150	136	-416	.059	-229	-674	150	186	-393	.085	-181	-1.041	150	245	100	114	561	-355
150	137	-423	.055	-195	-766	150	187	-408	.088	-201	-1.288	150	246	105	105	546	-253
150	138	-425	.062	-209	-809	150	188	-412	.083	-195	-997	150	247	022	090	452	-217
150	139	-365	.063	-169	-728	150	189	-387	.068	-097	-816	150	248	-114	057	137	-355
150	140	-366	.063	-163	-734	150	190	-382	.087	-040	-780	150	249	-154	059	081	-410
150	141	-380	.059	-221	-1.030	150	191	-381	.092	-110	-852	150	250	213	102	968	-050
150	142	-397	.072	-201	-850	150	201	-353	.175	984	-338	150	251	084	124	628	-426
150	143	-413	.077	-220	-828	150	202	-223	.179	-756	-478	150	252	120	113	667	-295
150	144	-418	.082	-213	-877	150	203	-043	.187	-769	-672	150	253	122	100	577	-161
150	145	-435	.080	-240	-923	150	204	-439	.158	-264	-906	150	254	083	111	590	-237
150	146	-442	.095	-216	-1.021	150	205	-345	.122	-189	-758	150	255	-011	097	438	-321
150	147	-414	.073	-213	-798	150	206	-415	.078	-098	-732	150	301	-326	076	050	-605
150	148	-383	.048	-226	-646	150	207	-210	.165	-796	-284	150	302	-410	123	071	-793
150	149	-385	.049	-249	-593	150	208	-139	.144	-545	-272	150	303	-511	120	146	-1.024
150	150	-404	.065	-170	-698	150	209	-125	.162	-649	-326	150	304	-434	166	371	-913

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	305	-215	204	343	-873	150	355	-083	082	391	-356	150	405	-433	064	-216	-666
150	306	-152	180	771	-436	150	356	-025	119	579	-471	150	406	-445	075	-203	-842
150	307	-446	073	-184	-760	150	357	-063	128	355	-521	150	407	-442	076	-184	-968
150	308	-498	084	-173	-815	150	358	-089	245	586	-1097	150	408	-446	062	-268	-759
150	309	-565	075	-308	-902	150	359	-138	248	482	-1110	150	409	-441	069	-245	-771
150	310	-573	093	-284	-973	150	360	-043	171	725	-631	150	410	-437	064	-260	-720
150	311	-499	135	043	-1012	150	361	-193	111	665	-182	150	411	-425	062	-235	-660
150	312	-417	192	398	-982	150	362	-218	118	831	-139	150	412	-408	050	-250	-593
150	313	-366	042	-219	-536	150	363	-220	129	849	-253	150	413	-403	059	-209	-609
150	314	-356	048	-147	-562	150	364	-228	130	794	-144	150	414	-440	067	-206	-703
150	315	-349	052	-152	-569	150	365	-408	064	190	-697	150	415	-444	064	-231	-741
150	316	-348	069	-101	-700	150	366	-386	052	206	-622	150	416	-449	049	-292	-696
150	317	-354	068	-138	-669	150	367	-324	060	003	-634	150	417	-440	056	-243	-652
150	318	-364	079	-096	-674	150	368	-003	103	445	-318	150	418	-429	057	-208	-629
150	319	-430	188	482	-103	150	369	-095	128	719	-288	150	419	-421	057	-195	-626
150	320	-608	252	006	-1724	150	370	-080	118	567	-312	150	420	-412	049	-278	-637
150	321	-160	099	279	-504	150	371	-108	156	772	-523	150	421	-441	072	-209	-796
150	322	-036	120	474	-284	150	372	-073	177	769	-616	150	422	-447	068	-232	-803
150	323	-110	134	624	-221	150	373	-110	132	770	-517	150	423	-438	062	-269	-752
150	324	-153	156	801	-426	150	374	-131	080	475	-147	150	424	-434	051	-268	-633
150	325	-229	139	739	-202	150	375	-103	089	517	-171	150	425	-415	057	-241	-648
150	326	-381	047	225	-567	150	376	-046	098	492	-307	150	426	-406	058	-210	-625
150	327	-337	046	-170	-512	150	377	-027	112	482	-604	150	427	-402	058	-216	-622
150	328	-262	055	-015	-447	150	378	-284	065	040	-568	150	428	-406	059	-204	-718
150	329	-216	065	031	-423	150	379	-071	100	473	-341	150	429	-420	069	-243	-771
150	330	-250	103	071	-610	150	380	-123	115	696	-335	150	430	-413	063	-236	-725
150	331	-312	135	078	-762	150	381	-153	091	653	-211	150	431	-412	061	-246	-703
150	332	-527	284	293	-1450	150	382	-157	078	555	-104	150	432	-400	049	-254	-582
150	333	-581	242	105	-1511	150	383	-157	081	522	-118	150	433	-384	057	-209	-594
150	334	-158	162	530	-775	150	384	-138	075	506	-117	150	434	-379	058	-193	-583
150	335	-165	135	856	-199	150	385	-103	077	555	-147	150	435	-369	051	-117	-575
150	336	-268	145	899	-104	150	386	-100	066	312	-315	150	436	-382	061	-095	-652
150	337	-314	140	756	-239	150	387	-160	073	466	-006	150	437	-379	058	-139	-637
150	338	-374	158	925	-230	150	388	-155	076	467	-042	150	438	-387	057	-187	-595
150	339	-363	051	-138	-547	150	389	-144	067	368	-035	150	439	-406	055	-251	-825
150	340	-300	050	101	-505	150	390	-396	096	108	-743	150	440	-398	068	-202	-871
150	341	-220	049	-033	-384	150	391	-034	104	442	-237	150	441	-392	068	-179	-836
150	342	-142	080	127	-428	150	392	-110	109	635	-330	150	442	-370	059	-177	-633
150	343	-150	114	227	-579	150	393	-119	094	460	-312	150	443	-373	044	-228	-588
150	344	-195	140	188	-743	150	394	-310	050	129	-508	150	444	-367	051	-218	-641
150	345	-330	251	351	-1499	150	395	-309	050	147	-506	150	445	-372	056	-215	-670
150	346	-406	274	289	-1659	150	396	-133	074	246	-360	150	446	-438	079	-210	-776
150	347	-048	171	575	-733	150	397	-036	083	470	-217	150	701	-384	043	-256	-562
150	348	-202	113	711	-129	150	398	-080	138	581	-492	150	702	-387	046	-252	-618
150	349	-267	113	667	-636	150	399	-208	096	688	-034	150	703	-383	048	-235	-609
150	350	-295	143	872	-205	150	400	-196	088	633	-017	150	704	-387	053	-242	-626
150	351	-332	144	832	-113	150	401	-449	070	223	-762	150	705	-410	054	-256	-639
150	352	-375	059	161	-607	150	402	-427	060	221	-688	150	706	-400	064	-200	-717
150	353	-353	045	-222	-556	150	403	-435	067	195	-713	150	801	-152	080	-155	-534
150	354	-298	048	-154	-598	150	404	-454	062	217	-766	150	802	-094	104	-502	-276

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	803	.107	.085	.514	-.228	160	121	-.370	.050	-.205	-.703	160	171	-.373	.065	-.159	-.869
150	804	.153	.075	.487	-.087	160	122	-.371	.059	-.103	-.993	160	172	-.376	.073	-.200	-.921
150	805	-.368	.095	-.066	-.891	160	123	-.374	.060	-.178	-.979	160	173	-.373	.053	-.245	-.722
150	806	-.369	.086	-.121	-.869	160	124	-.382	.060	-.187	-.853	160	174	-.369	.053	-.112	-.654
150	807	-.163	.067	.437	-.002	160	125	-.394	.055	-.216	-.680	160	175	-.381	.050	-.177	-.606
150	808	-.382	.086	-.192	-.955	160	126	-.337	.051	-.191	-.572	160	176	-.389	.057	-.171	-.665
150	809	.036	.089	.389	-.270	160	127	-.338	.052	-.187	-.587	160	177	-.391	.053	-.176	-.674
150	810	-.367	.086	-.156	-.828	160	128	-.340	.052	-.189	-.604	160	178	-.365	.065	-.211	-.849
150	811	-.304	.047	-.140	-.485	160	129	-.357	.044	-.241	-.673	160	179	-.362	.080	-.129	-.848
150	901	.497	.093	-.237	-.953	160	130	-.364	.051	-.222	-.708	160	180	-.352	.080	-.118	-.907
150	902	.427	.070	-.197	-.780	160	131	-.366	.053	-.210	-.747	160	181	-.362	.062	-.192	-.764
150	903	.728	.160	-.320	-1.467	160	132	-.365	.054	-.194	-.743	160	182	-.364	.073	-.173	-.894
150	904	.473	.082	-.147	-.820	160	133	-.368	.053	-.218	-.696	160	183	-.369	.072	-.177	-.848
150	905	.427	.066	-.181	-.710	160	134	-.363	.052	-.177	-.684	160	184	-.366	.072	-.176	-.924
150	906	.464	.104	-.064	-.939	160	135	-.361	.049	-.196	-.651	160	185	-.365	.066	-.174	-.739
150	907	.396	.062	-.157	-.630	160	136	-.367	.050	-.203	-.575	160	186	-.350	.065	-.175	-.739
150	908	.429	.079	-.140	-.845	160	137	-.396	.049	-.244	-.590	160	187	-.360	.065	-.202	-1.136
150	909	.697	.142	-.268	-1.297	160	138	-.403	.058	-.241	-.670	160	188	-.362	.062	-.198	-.796
150	910	.808	.142	-.398	-1.611	160	139	-.325	.048	-.150	-.531	160	189	-.350	.048	-.162	-.639
150	911	.445	.099	-.067	-.868	160	140	-.324	.047	-.145	-.530	160	190	-.349	.062	-.088	-.677
150	912	.693	.126	-.295	-1.330	160	141	-.333	.044	-.205	-.527	160	191	-.356	.067	-.159	-.748
150	913	.692	.129	-.354	-1.514	160	142	-.345	.051	-.211	-.624	160	201	.321	.158	.853	-.250
150	914	.443	.079	-.139	-.902	160	143	-.355	.054	-.214	-.639	160	202	.161	.154	.660	-.456
150	915	.403	.075	-.145	-.699	160	144	-.357	.057	-.207	-.647	160	203	-.033	.160	.538	-.628
150	916	.629	.125	-.137	-1.144	160	145	-.355	.050	-.228	-.657	160	204	-.371	.144	.192	-.880
150	3651	.384	.067	-.189	-.670	160	146	-.361	.059	-.208	-.784	160	205	-.305	.110	.114	-.704
150	3652	.370	.064	-.164	-.647	160	147	-.347	.049	-.185	-.653	160	206	-.373	.065	-.065	-.616
150	3653	.383	.068	-.182	-.685	160	148	-.352	.039	-.211	-.492	160	207	.212	.167	.809	-.239
150	3654	.377	.050	-.207	-.598	160	149	-.357	.041	-.175	-.544	160	208	.150	.139	.618	-.238
150	3655	.313	.056	-.040	-.581	160	150	-.387	.058	-.182	-.627	160	209	.132	.154	.666	-.285
160	101	.572	.151	-.186	-1.102	160	151	-.402	.067	-.162	-.665	160	210	.136	.150	.678	-.309
160	102	.367	.070	-.118	-.729	160	152	-.323	.050	-.165	-.575	160	211	-.058	.129	.577	-.358
160	103	.369	.080	-.070	-1.032	160	153	-.329	.042	-.207	-.534	160	212	-.053	.086	.236	-.313
160	104	.375	.073	-.145	-.871	160	154	-.335	.049	-.180	-.565	160	213	-.153	.083	.143	-.435
160	105	.388	.061	-.191	-.751	160	155	-.347	.052	-.191	-.635	160	214	.377	.157	.954	-.033
160	106	.394	.064	-.176	-.779	160	156	-.356	.056	-.214	-.718	160	215	.345	.157	.977	-.054
160	107	.407	.103	-.113	-1.165	160	157	-.375	.053	-.244	-.797	160	216	.331	.136	.880	-.066
160	108	.372	.060	-.180	-.687	160	158	-.378	.069	-.170	-1.036	160	217	.290	.149	.867	-.077
160	109	.395	.057	-.131	-.700	160	159	-.382	.072	-.178	-1.101	160	218	.182	.133	.717	-.185
160	110	.393	.066	-.151	-.670	160	160	-.361	.060	-.169	-.873	160	219	.030	.107	.498	-.294
160	111	.388	.072	-.159	-.697	160	161	-.337	.042	-.165	-.521	160	220	-.125	.062	.254	-.336
160	112	.394	.060	-.223	-.707	160	162	-.335	.047	-.151	-.501	160	221	.356	.140	1.040	-.017
160	113	.337	.047	-.195	-.564	160	163	-.358	.059	-.157	-.605	160	222	.325	.139	.909	-.054
160	114	.341	.055	-.172	-.575	160	164	-.376	.068	-.133	-.647	160	223	.316	.134	.882	-.041
160	115	.354	.057	-.168	-.642	160	165	-.341	.043	-.225	-.522	160	224	.280	.112	.771	-.001
160	116	.362	.058	-.189	-.694	160	166	-.345	.052	-.197	-.560	160	225	.157	.115	.680	-.145
160	117	.371	.051	-.184	-.613	160	167	-.356	.054	-.196	-.652	160	226	-.002	.096	.455	-.295
160	118	.371	.061	-.161	-.720	160	168	-.361	.056	-.218	-.643	160	227	-.139	.076	.231	-.378
160	119	.367	.061	-.150	-.818	160	169	-.372	.053	-.229	-.646	160	228	.236	.109	.659	-.140
160	120	.371	.068	-.138	-.801	160	170	-.374	.067	-.201	-.795	160	229	.212	.122	.697	-.204

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	230	205	120	694	-144	160	325	256	142	776	-174	160	375	101	096	593	-178
160	231	169	112	626	-127	160	326	354	047	159	-547	160	376	057	103	624	-285
160	232	060	081	443	-161	160	327	310	046	083	-477	160	377	039	110	607	-456
160	233	092	075	241	-358	160	328	238	052	017	-455	160	378	276	048	-065	-441
160	234	213	062	075	-469	160	329	189	056	031	-450	160	379	022	079	430	-279
160	235	042	112	530	-418	160	330	214	085	138	-643	160	380	073	096	571	-260
160	236	026	081	446	-287	160	331	271	109	143	-809	160	381	125	088	590	-171
160	237	030	091	517	-267	160	332	468	247	358	-1521	160	382	134	067	428	-091
160	238	016	086	439	-244	160	333	484	186	103	-1259	160	383	139	074	484	-093
160	239	051	074	336	-307	160	334	068	141	485	-564	160	384	128	073	473	-079
160	240	158	051	101	-361	160	335	243	145	975	-125	160	385	106	076	414	-122
160	241	234	057	065	-508	160	336	339	157	949	-052	160	386	104	068	444	-148
160	242	144	078	619	-059	160	337	408	152	1001	-050	160	387	154	078	534	-025
160	243	161	082	639	-047	160	338	427	169	1152	-047	160	388	151	061	535	-050
160	244	081	086	432	-268	160	339	351	045	181	-543	160	389	140	074	438	-042
160	245	098	099	487	-293	160	340	294	045	110	-458	160	390	420	086	-127	-759
160	246	094	096	505	-257	160	341	209	040	021	-334	160	391	006	073	350	-256
160	247	015	082	376	-209	160	342	131	062	136	-330	160	392	084	080	397	-214
160	248	100	049	151	-250	160	343	135	086	193	-442	160	393	071	081	458	-185
160	249	147	047	058	-310	160	344	180	106	193	-592	160	394	313	047	-122	-482
160	250	199	102	706	-034	160	345	313	199	298	-1163	160	395	310	047	-131	-481
160	251	095	118	637	-307	160	346	390	217	276	-1611	160	396	170	060	149	-323
160	252	127	109	668	-113	160	347	027	141	508	-558	160	397	016	057	247	-188
160	253	116	091	476	-100	160	348	230	108	762	-065	160	398	003	112	450	-410
160	254	076	099	517	-147	160	349	327	120	828	-070	160	399	205	094	612	-031
160	255	014	084	409	-223	160	350	359	143	918	-081	160	400	201	093	602	-010
160	301	266	063	070	-494	160	351	368	147	896	-031	160	401	422	074	-220	-790
160	302	323	124	126	-722	160	352	367	054	208	-580	160	402	401	062	-203	-710
160	303	433	121	134	-033	160	353	345	045	191	-524	160	403	406	063	-222	-673
160	304	319	197	680	-842	160	354	292	047	116	-513	160	404	419	061	-263	-694
160	305	221	205	441	-810	160	355	089	066	163	-290	160	405	396	059	-213	-685
160	306	264	192	852	-488	160	356	035	096	349	-381	160	406	407	065	-209	-684
160	307	413	070	172	-708	160	357	050	098	322	-420	160	407	414	071	-194	-755
160	308	450	087	117	-775	160	358	043	193	556	-934	160	408	411	054	-224	-696
160	309	512	077	149	-958	160	359	102	191	476	-1055	160	409	402	059	-187	-692
160	310	520	096	035	-934	160	360	080	145	598	-525	160	410	398	055	-188	-624
160	311	472	121	036	-838	160	361	210	109	658	-137	160	411	386	053	-224	-587
160	312	324	186	334	-897	160	362	239	130	796	-083	160	412	378	048	-228	-620
160	313	320	041	107	-489	160	363	243	141	803	-181	160	413	373	057	-182	-658
160	314	306	048	032	-567	160	364	239	143	774	-223	160	414	430	070	-239	-761
160	315	295	055	039	-501	160	365	389	055	211	-612	160	415	429	063	-236	-743
160	316	288	067	043	-645	160	366	370	044	201	-540	160	416	407	047	-263	-622
160	317	297	065	031	-593	160	367	314	050	093	-564	160	417	395	051	-258	-609
160	318	309	079	037	-633	160	368	038	072	359	-581	160	418	387	050	-244	-608
160	319	341	179	013	-963	160	369	050	093	496	-322	160	419	378	051	-241	-615
160	320	482	207	224	-1377	160	370	034	093	412	-340	160	420	376	042	-254	-579
160	321	064	107	384	-389	160	371	071	138	543	-510	160	421	431	071	-223	-832
160	322	111	130	622	-254	160	372	034	148	548	-561	160	422	429	062	-246	-796
160	323	181	143	722	-255	160	373	084	120	567	-380	160	423	417	055	-255	-703
160	324	230	158	826	-328	160	374	120	082	555	-105	160	424	402	043	-263	-631

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	425	-380	048	-220	-648	160	912	-606	126	-213	-1.069	170	141	-232	040	-178	-512
160	426	-371	050	-197	-615	160	913	-634	134	-327	-1.386	170	142	-303	044	-171	-505
160	427	-368	050	-186	-602	160	914	-387	064	-111	-715	170	143	-308	044	-161	-519
160	428	-407	089	-204	-763	160	915	-334	077	-021	-678	170	144	-309	045	-159	-522
160	429	-415	073	-202	-750	160	916	-559	130	053	-1.111	170	145	-314	048	-167	-562
160	430	-403	065	-222	-680	160	3651	-384	055	-196	-630	170	146	-321	053	-178	-587
160	431	-400	059	-234	-669	160	3652	-365	053	-187	-608	170	147	-309	047	-125	-526
160	432	-384	041	-256	-529	160	3653	-382	055	-207	-634	170	148	-311	036	-178	-465
160	433	-368	048	-229	-549	160	3654	-359	043	-226	-534	170	149	-312	036	-175	-440
160	434	-362	050	-203	-555	160	3655	-307	049	-078	-509	170	150	-335	048	-155	-528
160	435	-372	055	-172	-572	170	101	-466	106	-141	-853	170	151	-347	054	-134	-564
160	436	-390	062	-188	-657	170	102	-320	071	-092	-731	170	152	-289	051	-105	-876
160	437	-383	057	-195	-613	170	103	-321	076	-098	-772	170	153	-294	043	-171	-501
160	438	-386	056	-207	-671	170	104	-327	071	-100	-816	170	154	-301	049	-150	-549
160	439	-398	046	-269	-550	170	105	-333	054	-164	-822	170	155	-312	051	-166	-585
160	440	-394	057	-196	-605	170	106	-335	056	-164	-708	170	156	-321	057	-173	-669
160	441	-388	057	-195	-594	170	107	-387	104	-154	-1.071	170	157	-315	056	-207	-837
160	442	-358	047	-150	-564	170	108	-317	060	-111	-636	170	158	-316	069	-155	-899
160	443	-366	039	-239	-556	170	109	-332	054	-150	-645	170	159	-320	073	-168	-986
160	444	-361	044	-215	-567	170	110	-331	064	-129	-728	170	160	-305	058	-146	-827
160	445	-363	049	-200	-613	170	111	-331	064	-132	-760	170	161	-292	036	-144	-460
160	446	-430	066	-227	-764	170	112	-336	053	-162	-562	170	162	-300	043	-143	-484
160	701	-366	037	-220	-534	170	113	-282	045	-144	-440	170	163	-327	055	-103	-564
160	702	-394	045	-240	-575	170	114	-287	053	-122	-479	170	164	-343	061	-131	-610
160	703	-375	046	-235	-568	170	115	-298	053	-132	-524	170	165	-295	044	-146	-531
160	704	-378	049	-235	-616	170	116	-305	052	-129	-522	170	166	-301	051	-144	-587
160	705	-401	047	-275	-637	170	117	-318	049	-148	-611	170	167	-312	052	-158	-645
160	706	-399	057	-232	-721	170	118	-319	058	-148	-640	170	168	-320	056	-182	-900
160	801	-141	066	133	-396	170	119	-316	058	-130	-679	170	169	-328	052	-178	-654
160	802	088	096	582	-173	170	120	-319	064	-129	-711	170	170	-331	065	-158	-717
160	803	106	083	518	-088	170	121	-312	047	-146	-670	170	171	-318	067	-125	-746
160	804	137	082	557	-067	170	122	-312	054	-129	-708	170	172	-324	070	-160	-832
160	805	-335	074	-115	-729	170	123	-314	055	-118	-727	170	173	-319	052	-146	-663
160	806	-337	064	-160	-694	170	124	-322	056	-148	-722	170	174	-335	053	-172	-655
160	807	-144	065	396	-615	170	125	-331	049	-184	-607	170	175	-356	018	-163	-996
160	808	-343	064	-171	-710	170	126	-290	045	-127	-477	170	176	-374	052	-149	-646
160	809	-006	065	-289	-176	170	127	-291	046	-132	-492	170	177	-372	040	-230	-531
160	810	-341	061	-176	-725	170	128	-293	046	-129	-544	170	178	-319	060	-137	-1.017
160	811	-304	042	-147	-458	170	129	-303	041	-196	-521	170	179	-311	065	-122	-759
160	901	-471	097	-211	-986	170	130	-310	045	-188	-510	170	180	-304	065	-112	-836
160	902	-390	069	-184	-789	170	131	-312	046	-186	-544	170	181	-323	051	-148	-626
160	903	-679	164	-274	-1.326	170	132	-310	047	-175	-546	170	182	-327	061	-149	-657
160	904	-435	082	-167	-817	170	133	-317	045	-216	-578	170	183	-328	062	-158	-708
160	905	-390	062	-168	-756	170	134	-315	046	-178	-535	170	184	-327	063	-164	-734
160	906	-422	096	-042	-855	170	135	-313	045	-118	-504	170	185	-323	054	-169	-674
160	907	-345	056	-155	-580	170	136	-317	046	-146	-518	170	186	-316	055	-163	-743
160	908	-382	063	-156	-673	170	137	-334	046	-189	-566	170	187	-321	055	-174	-786
160	909	-632	144	-198	-1.207	170	138	-341	055	-146	-619	170	188	-324	055	-186	-769
160	910	-704	141	-294	-1.278	170	139	-284	046	-143	-549	170	189	-309	040	-171	-477
160	911	-403	088	-078	-755	170	140	-285	047	-135	-570	170	190	-317	050	-153	-564

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	191	-323	054	-158	-623	170	250	-146	074	562	-044	170	345	-197	193	419	-1293
170	201	-263	178	1017	-687	170	251	-016	129	604	-409	170	346	-260	229	439	-1387
170	202	-134	150	744	-454	170	252	-022	112	619	-361	170	347	-038	124	402	-525
170	203	-018	126	544	-443	170	253	-024	085	423	-219	170	348	098	108	576	-249
170	204	-173	147	387	-665	170	254	-004	089	427	-249	170	349	-215	116	709	-101
170	205	-184	119	325	-573	170	255	-071	074	281	-273	170	350	-250	161	910	-280
170	206	-311	068	035	-589	170	301	-219	070	047	-503	170	351	-263	176	970	-614
170	207	-266	186	1054	-458	170	302	-216	126	239	-689	170	352	-336	049	166	-513
170	208	-163	127	610	-247	170	303	-318	163	380	-1316	170	353	-300	041	146	-495
170	209	-152	142	687	-296	170	304	-121	259	877	-843	170	354	-255	054	022	-592
170	210	-136	134	664	-357	170	305	-121	193	813	-726	170	355	-080	071	409	-325
170	211	-050	114	479	-404	170	306	-270	213	1004	-461	170	356	-019	087	670	-310
170	212	-042	073	259	-299	170	307	-338	067	093	-750	170	357	-029	089	431	-488
170	213	-132	068	142	-435	170	308	-310	114	155	-780	170	358	-005	148	441	-827
170	214	-318	188	987	-457	170	309	-376	116	191	-820	170	359	-051	159	518	-923
170	215	-285	175	912	-419	170	310	-370	141	239	-886	170	360	-067	106	403	-498
170	216	-308	143	800	-109	170	311	-353	143	268	-903	170	361	-163	087	607	-064
170	217	-267	151	768	-268	170	312	-195	202	485	-980	170	362	-192	115	828	-121
170	218	-154	127	600	-350	170	313	-266	049	-029	-443	170	363	-198	142	953	-325
170	219	-011	095	351	-300	170	314	-245	069	111	-502	170	364	-190	153	805	-527
170	220	-123	056	094	-310	170	315	-220	088	212	-508	170	365	-348	049	116	-519
170	221	-197	175	823	-497	170	316	-195	111	249	-578	170	366	-325	039	178	-502
170	222	-184	176	819	-441	170	317	-194	107	221	-656	170	367	-274	052	033	-564
170	223	-180	168	786	-315	170	318	-208	130	326	-681	170	368	-025	088	541	-394
170	224	-180	134	690	-198	170	319	-179	228	679	-1054	170	369	-047	090	510	-309
170	225	-092	125	545	-289	170	320	-318	235	538	-1320	170	370	-041	079	387	-291
170	226	-036	094	425	-386	170	321	-001	142	669	-406	170	371	-079	100	446	-437
170	227	-147	068	254	-414	170	322	-137	164	1002	-321	170	372	-051	113	409	-517
170	228	-067	131	567	-412	170	323	-195	175	822	-369	170	373	-081	088	433	-364
170	229	-063	149	687	-406	170	324	-240	189	870	-286	170	374	-099	060	375	-069
170	230	-060	146	684	-399	170	325	-250	159	860	-270	170	375	-086	080	555	-135
170	231	-043	137	568	-404	170	326	-296	047	101	-487	170	376	-036	100	544	-327
170	232	-025	098	329	-314	170	327	-248	058	041	-456	170	377	-065	120	468	-519
170	233	-124	083	234	-373	170	328	-174	076	198	-486	170	378	-254	057	013	-429
170	234	-209	062	090	-443	170	329	-118	080	258	-485	170	379	-021	085	490	-223
170	235	-001	119	654	-574	170	330	-133	116	441	-748	170	380	-065	081	532	-219
170	236	-019	070	285	-289	170	331	-173	141	511	-918	170	381	-096	063	385	-129
170	237	-012	079	348	-255	170	332	-273	268	639	-1339	170	382	-094	054	337	-130
170	238	-023	075	344	-226	170	333	-347	230	471	-1350	170	383	-098	061	513	-112
170	239	-081	069	240	-300	170	334	-055	161	764	-671	170	384	-084	064	371	-107
170	240	-163	050	130	-332	170	335	-173	150	849	-263	170	385	-048	077	359	-202
170	241	-222	051	067	-406	170	336	-255	165	1044	-223	170	386	-045	073	312	-398
170	242	-095	061	418	-096	170	337	-301	161	951	-267	170	387	-106	062	376	-063
170	243	-107	063	466	-086	170	338	-316	187	1027	-671	170	388	-102	066	420	-071
170	244	-034	098	341	-459	170	339	-302	045	-144	-456	170	389	-092	065	350	-079
170	245	-013	109	427	-448	170	340	-250	050	-023	-414	170	390	-332	075	-076	-642
170	246	-004	097	400	-340	170	341	-177	050	174	-384	170	391	-013	076	479	-210
170	247	-057	076	269	-254	170	342	-102	069	250	-408	170	392	-068	066	347	-174
170	248	-133	048	124	-318	170	343	-103	091	355	-547	170	393	-069	062	379	-142
170	249	-175	043	023	-341	170	344	-132	113	362	-705	170	394	-282	046	-024	-470

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	395	-281	.046	-033	-472	170	445	-334	.044	-192	-558	180	111	-315	.066	-102	-659
170	396	-136	.069	-393	-309	170	446	-386	.060	-195	-754	180	112	-318	.064	-083	-693
170	397	-012	.059	-358	-147	170	701	-359	.044	-245	-572	180	113	-256	.044	-119	-421
170	398	.008	.093	-367	-426	170	702	-362	.050	-229	-545	180	114	-259	.051	-104	-455
170	399	.132	.074	-510	-067	170	703	-354	.048	-231	-530	180	115	-269	.051	-120	-470
170	400	.124	.078	-502	-093	170	704	-350	.049	-208	-543	180	116	-286	.054	-097	-504
170	401	-355	.063	-164	-670	170	705	-357	.043	-237	-607	180	117	-297	.052	-135	-582
170	402	-340	.055	-138	-555	170	706	-350	.050	-205	-559	180	118	-298	.062	-062	-661
170	403	-350	.057	-141	-601	170	801	-172	.056	-071	-371	180	119	-293	.062	-084	-683
170	404	-353	.050	-199	-663	170	802	-016	.083	-413	-261	180	120	-295	.070	-057	-728
170	405	-337	.050	-155	-552	170	803	.003	.086	-414	-264	180	121	-290	.054	-108	-571
170	406	-352	.056	-174	-666	170	804	.079	.061	-475	-065	180	122	-291	.062	-113	-770
170	407	-346	.053	-165	-705	170	805	-301	.064	-119	-608	180	123	-294	.064	-088	-708
170	408	-342	.048	-132	-713	170	806	-302	.059	-149	-619	180	124	-301	.071	-044	-674
170	409	-336	.053	-149	-776	170	807	-096	.046	-275	-059	180	125	-322	.065	-097	-667
170	410	-334	.049	-194	-747	170	808	-306	.058	-167	-915	180	126	-276	.050	-104	-492
170	411	-321	.046	-173	-586	170	809	-003	.059	-289	-207	180	127	-276	.051	-102	-503
170	412	-319	.043	-199	-509	170	810	-307	.053	-139	-769	180	128	-281	.051	-118	-521
170	413	-314	.051	-168	-552	170	811	-275	.040	-126	-455	180	129	-287	.043	-166	-475
170	414	-363	.062	-190	-686	170	901	-448	.101	-191	-977	180	130	-295	.049	-152	-511
170	415	-358	.056	-191	-607	170	902	-337	.066	-160	-694	180	131	-296	.052	-142	-539
170	416	-341	.040	-222	-501	170	903	-657	.170	-251	-1580	180	132	-297	.053	-131	-602
170	417	-330	.043	-203	-539	170	904	-356	.076	-096	-852	180	133	-305	.050	-144	-634
170	418	-320	.043	-174	-511	170	905	-322	.052	-155	-568	180	134	-306	.053	-099	-624
170	419	-315	.043	-173	-495	170	906	-280	.118	-181	-801	180	135	-304	.054	-084	-574
170	420	-320	.037	-199	-499	170	907	-267	.060	-078	-535	180	136	-310	.057	-090	-658
170	421	-369	.060	-164	-703	170	908	-334	.061	-135	-722	180	137	-319	.054	-144	-670
170	422	-365	.054	-163	-636	170	909	-537	.129	-193	-1106	180	138	-325	.066	-134	-721
170	423	-356	.049	-193	-613	170	910	-602	.134	-208	-1093	180	139	-273	.056	-059	-561
170	424	-343	.037	-236	-499	170	911	-341	.075	-033	-930	180	140	-275	.057	-042	-624
170	425	-325	.041	-203	-500	170	912	-506	.131	-027	-1006	180	141	-287	.051	-146	-565
170	426	-319	.042	-176	-480	170	913	-683	.165	-285	-1340	180	142	-298	.053	-162	-728
170	427	-316	.043	-171	-477	170	914	-352	.063	-037	-717	180	143	-302	.051	-173	-666
170	428	-380	.065	-199	-707	170	915	-281	.088	-130	-594	180	144	-303	.051	-166	-617
170	429	-382	.063	-187	-640	170	916	-421	.158	-169	-1086	180	145	-305	.053	-184	-748
170	430	-367	.054	-184	-578	170	3651	-341	.050	-178	-537	180	146	-310	.060	-155	-754
170	431	-357	.047	-220	-548	170	3652	-325	.051	-166	-561	180	147	-303	.054	-086	-603
170	432	-335	.038	-224	-560	170	3653	-336	.050	-180	-538	180	148	-305	.036	-175	-463
170	433	-323	.044	-192	-586	170	3654	-319	.038	-184	-532	180	149	-308	.040	-184	-491
170	434	-318	.045	-159	-597	170	3655	-261	.053	-019	-502	180	150	-330	.053	-139	-557
170	435	-366	.052	-198	-586	180	101	-377	.081	-110	-867	180	151	-338	.061	-117	-617
170	436	-362	.052	-194	-618	180	102	-285	.072	-058	-606	180	152	-259	.066	-088	-704
170	437	-357	.048	-205	-540	180	103	-298	.081	-006	-721	180	153	-261	.049	-121	-526
170	438	-352	.046	-225	-538	180	104	-328	.085	-116	-894	180	154	-267	.053	-095	-536
170	439	-345	.042	-232	-516	180	105	-315	.056	-155	-690	180	155	-276	.050	-149	-514
170	440	-336	.048	-189	-529	180	106	-319	.066	-127	-895	180	156	-282	.052	-144	-545
170	441	-333	.048	-184	-535	180	107	-373	.093	-099	-811	180	157	-300	.057	-054	-632
170	442	-327	.044	-187	-497	180	108	-302	.067	-068	-573	180	158	-293	.061	-072	-737
170	443	-344	.035	-253	-487	180	109	-310	.061	-119	-730	180	159	-299	.065	-106	-730
170	444	-332	.040	-197	-524	180	110	-317	.071	-109	-687	180	160	-282	.051	-077	-519

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	161	-274	042	-119	-538	180	220	-172	051	090	-359	180	315	-142	094	280	-612
180	162	-286	047	-125	-534	180	221	-080	174	775	-838	180	316	-106	122	381	-775
180	163	-317	056	-142	-617	180	222	034	144	691	-530	180	317	-095	111	309	-829
180	164	-330	062	-155	-669	180	223	044	127	639	-347	180	318	-106	132	392	-677
180	165	-245	047	-108	-527	180	224	031	092	462	-207	180	319	-028	221	746	-1013
180	166	-254	056	-116	-546	180	225	-046	087	343	-286	180	320	-172	228	591	-1526
180	167	-265	057	-127	-618	180	226	-142	071	175	-376	180	321	151	169	869	-425
180	168	-280	062	-142	-844	180	227	-218	062	040	-474	180	322	300	215	049	-437
180	169	-285	054	-171	-819	180	228	-022	121	500	-532	180	323	346	229	1201	-512
180	170	-289	069	-152	-1014	180	229	-032	121	620	-506	180	324	358	226	1195	-510
180	171	-276	064	-091	-686	180	230	-021	106	646	-329	180	325	316	176	969	-232
180	172	-281	067	-099	-782	180	231	-030	091	571	-282	180	326	-254	053	-023	-479
180	173	-295	051	-125	-590	180	232	-094	059	350	-294	180	327	-200	061	123	-436
180	174	-315	053	-094	-606	180	233	-177	060	173	-397	180	328	-121	075	221	-412
180	175	-322	048	-154	-555	180	234	-240	059	006	-490	180	329	-064	080	268	-447
180	176	-332	054	-134	-608	180	235	-062	124	541	-531	180	330	-068	117	355	-664
180	177	-336	043	-175	-581	180	236	-066	075	253	-294	180	331	-101	141	388	-833
180	178	-286	066	-123	-875	180	237	-051	082	318	-317	180	332	-135	255	688	-1329
180	179	-265	066	-080	-638	180	238	-051	072	293	-345	180	333	-227	215	462	-1162
180	180	-262	067	-074	-637	180	239	-100	062	213	-362	180	334	-067	182	758	-593
180	181	-286	065	-134	-685	180	240	-167	044	061	-341	180	335	-275	209	982	-185
180	182	-289	077	-119	-833	180	241	-209	050	014	-432	180	336	-324	218	1219	-173
180	183	-290	077	-112	-773	180	242	-132	103	613	-093	180	337	-309	179	976	-227
180	184	-292	078	-130	-797	180	243	-149	107	674	-078	180	338	-291	200	032	-618
180	185	-279	057	-130	-616	180	244	-010	105	449	-363	180	339	-262	050	-075	-543
180	186	-274	061	-127	-637	180	245	-015	118	576	-322	180	340	-204	052	030	-477
180	187	-284	064	-044	-803	180	246	-019	100	554	-248	180	341	-127	051	096	-308
180	188	-290	063	-045	-689	180	247	-043	071	350	-281	180	342	-057	076	237	-361
180	189	-258	038	-112	-464	180	248	-120	043	054	-289	180	343	-049	097	352	-412
180	190	-263	042	-090	-471	180	249	-136	041	017	-331	180	344	-069	115	393	-556
180	191	-267	042	-116	-470	180	250	-181	122	660	-077	180	345	-083	164	386	-918
180	201	-156	193	-814	-815	180	251	-032	132	630	-513	180	346	-157	204	377	-1188
180	202	-061	145	-586	-606	180	252	-018	104	549	-358	180	347	-038	140	581	-541
180	203	-057	108	-340	-600	180	253	-013	076	406	-201	180	348	-189	140	695	-231
180	204	-011	159	-617	-790	180	254	-015	079	419	-224	180	349	-179	122	644	-095
180	205	-071	133	-408	-653	180	255	-070	065	263	-260	180	350	-146	136	846	-331
180	206	-251	079	-114	-610	180	301	-176	079	328	-504	180	351	-115	147	848	-481
180	207	-270	222	-074	-608	180	302	-132	131	464	-662	180	352	-287	048	-152	-501
180	208	-201	150	-700	-352	180	303	-228	194	543	-1213	180	353	-264	039	-131	-404
180	209	-194	166	-738	-425	180	304	-102	263	086	-854	180	354	-208	044	-042	-366
180	210	-157	157	-673	-467	180	305	-086	216	072	-585	180	355	-060	066	-299	-269
180	211	-054	131	-497	-397	180	306	-339	232	069	-514	180	356	-015	089	-490	-312
180	212	-054	079	-280	-337	180	307	-266	089	178	-684	180	357	-021	090	-321	-409
180	213	-144	070	-173	-457	180	308	-174	145	516	-722	180	358	-014	141	-535	-679
180	214	-250	225	-094	-487	180	309	-242	150	512	-822	180	359	-024	149	-471	-925
180	215	-177	196	-856	-380	180	310	-179	171	525	-837	180	360	-062	120	-602	-419
180	216	-189	141	-637	-182	180	311	-156	158	975	-898	180	361	-108	082	-541	-124
180	217	-149	143	-659	-263	180	312	-077	214	970	-752	180	362	-105	099	-711	-205
180	218	-047	117	-513	-323	180	313	-209	054	142	-526	180	363	-063	112	-583	-416
180	219	-069	089	-238	-369	180	314	-180	078	192	-655	180	364	-026	128	-567	-587

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	365	-.301	.053	-.146	-.547	180	415	-.334	.067	-.123	-.710	180	902	-.288	.088	.137	-.821
180	366	-.272	.041	-.117	-.462	180	416	-.330	.057	-.158	-.710	180	903	-.738	.210	.021	-1.655
180	367	-.221	.049	-.022	-.463	180	417	-.320	.063	-.120	-.686	180	904	-.273	.109	.099	-.728
180	368	-.020	.079	.405	-.284	180	418	-.312	.062	-.130	-.753	180	905	-.278	.051	-.695	-.513
180	369	.028	.102	.450	-.211	180	419	-.307	.061	-.108	-.725	180	906	-.153	.146	.421	-.733
180	370	.021	.090	.382	-.302	180	420	-.311	.044	-.156	-.523	180	907	-.214	.096	.195	-.695
180	371	.064	.124	.569	-.487	180	421	-.372	.061	-.209	-.631	180	908	-.316	.067	-.044	-.637
180	372	.037	.134	.530	-.625	180	422	-.362	.056	-.189	-.633	180	909	-.437	.120	-.028	-1.219
180	373	.067	.116	.608	-.325	180	423	-.350	.052	-.201	-.595	180	910	-.566	.153	-.111	-1.489
180	374	.077	.088	.646	-.153	180	424	-.337	.044	-.213	-.491	180	911	-.284	.061	-.030	-.569
180	375	.059	.105	.715	-.216	180	425	-.321	.051	-.179	-.514	180	912	-.373	.146	-.165	-1.003
180	376	-.005	.114	.655	-.318	180	426	-.315	.052	-.145	-.524	180	913	-.793	.201	-.031	-1.757
180	377	-.050	.134	.566	-.610	180	427	-.312	.052	-.139	-.544	180	914	-.311	.073	-.087	-.729
180	378	-.178	.049	.009	-.387	180	428	-.368	.061	-.154	-.642	180	915	-.140	.106	.182	-.564
180	379	.034	.085	.433	-.191	180	429	-.365	.060	-.189	-.621	180	916	-.196	.152	.365	-.938
180	380	.055	.098	.543	-.328	180	430	-.347	.053	-.179	-.572	180	3651	-.330	.053	-.157	-.557
180	381	.097	.099	.678	-.217	180	431	-.326	.049	-.197	-.515	180	3652	-.299	.049	-.134	-.506
180	382	.090	.076	.432	-.160	180	432	-.327	.040	-.156	-.495	180	3653	-.325	.053	-.142	-.555
180	383	.095	.087	.556	-.154	180	433	-.315	.046	-.135	-.492	180	3654	-.285	.038	-.155	-.445
180	384	.083	.086	.460	-.154	180	434	-.310	.048	-.130	-.496	180	3655	-.229	.046	-.034	-.442
180	385	.048	.089	.506	-.277	180	435	-.345	.050	-.118	-.611	190	101	-.300	.098	-.015	-.877
180	386	.058	.094	.529	-.356	180	436	-.339	.050	-.179	-.613	190	102	-.242	.079	-.040	-.588
180	387	.127	.101	.611	-.086	180	437	-.333	.047	-.180	-.555	190	103	-.252	.086	-.026	-.800
180	388	.126	.104	.638	-.084	180	438	-.332	.047	-.173	-.570	190	104	-.258	.089	-.055	-.949
180	389	.110	.099	.587	-.099	180	439	-.341	.046	-.215	-.566	190	105	-.265	.070	-.114	-.726
180	390	-.284	.070	.015	-.565	180	440	-.337	.057	-.144	-.605	190	106	-.288	.096	-.053	-1.001
180	391	.022	.074	.339	-.144	180	441	-.332	.056	-.126	-.620	190	107	-.290	.116	-.041	-1.190
180	392	.075	.082	.445	-.165	180	442	-.321	.050	-.124	-.527	190	108	-.240	.083	-.023	-.688
180	393	.078	.073	.386	-.189	180	443	-.325	.037	-.194	-.513	190	109	-.255	.075	-.050	-.651
180	394	-.212	.049	.009	-.382	180	444	-.317	.043	-.187	-.530	190	110	-.256	.083	-.053	-.677
180	395	-.213	.049	-.002	-.385	180	445	-.320	.047	-.175	-.535	190	111	-.258	.079	-.068	-.720
180	396	.092	.056	.146	-.274	180	446	-.346	.061	-.162	-.590	190	112	-.291	.100	-.057	-.955
180	397	.020	.059	.328	-.142	180	701	-.335	.042	-.226	-.534	190	113	-.217	.063	-.021	-.536
180	398	.040	.103	.452	-.417	180	702	-.336	.047	-.205	-.562	190	114	-.218	.077	-.029	-.586
180	399	.164	.101	.732	-.072	180	703	-.329	.046	-.214	-.540	190	115	-.223	.076	-.016	-.604
180	400	.156	.101	.711	-.066	180	704	-.327	.048	-.190	-.534	190	116	-.232	.078	-.001	-.632
180	401	-.334	.070	-.122	-.765	180	705	-.329	.044	-.210	-.524	190	117	-.250	.071	-.052	-.657
180	402	-.327	.060	-.093	-.755	180	706	-.341	.061	-.157	-.635	190	118	-.252	.083	-.040	-.796
180	403	-.350	.083	-.090	-.879	180	801	-.135	.052	-.088	-.341	190	119	-.255	.084	-.037	-.745
180	404	-.348	.062	-.177	-.671	180	802	.007	.069	-.296	-.175	190	120	-.255	.090	-.023	-.891
180	405	-.337	.070	-.113	-.902	180	803	.036	.072	-.399	-.200	190	121	-.256	.080	-.008	-.755
180	406	-.362	.086	-.139	-.974	180	804	.100	.074	-.546	-.082	190	122	-.258	.090	-.001	-.823
180	407	-.337	.079	-.049	-.860	180	805	-.264	.064	-.093	-.537	190	123	-.264	.099	-.004	-1.243
180	408	-.332	.062	-.120	-.909	180	806	-.263	.061	-.094	-.583	190	124	-.270	.097	-.008	-1.207
180	409	-.325	.070	-.072	-.734	180	807	.115	.064	-.444	-.036	190	125	-.264	.073	-.103	-.715
180	410	-.322	.071	-.097	-.713	180	808	-.270	.057	-.122	-.565	190	126	-.219	.071	-.015	-.764
180	411	-.314	.065	-.051	-.988	180	809	-.030	.070	-.376	-.152	190	127	-.221	.073	-.015	-.850
180	412	-.309	.050	-.164	-.752	180	810	-.259	.045	-.084	-.481	190	128	-.223	.071	-.012	-.535
180	413	-.304	.059	-.124	-.778	180	911	-.216	.044	-.039	-.387	190	129	-.234	.055	-.092	-.502
180	414	-.339	.071	-.126	-.789	180	901	-.422	.151	-.335	-.914	190	130	-.241	.068	-.079	-.768

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	131	-246	073	-077	-028	190	181	-223	055	-092	-639	190	240	-146	056	191	-360
190	132	-249	077	-085	-798	190	182	-218	057	-076	-630	190	241	-171	059	156	-520
190	133	-253	070	-081	-666	190	183	-214	051	-103	-613	190	242	-143	052	171	-301
190	134	-245	072	-056	-746	190	184	-213	051	-103	-625	190	243	-142	054	197	-298
190	135	-240	070	-063	-694	190	185	-219	054	-040	-790	190	244	-133	059	433	-313
190	136	-239	069	-053	-789	190	186	-211	056	-003	-866	190	245	-120	072	409	-350
190	137	-255	071	-072	-904	190	187	-211	054	-037	-751	190	246	-099	082	388	-398
190	138	-247	071	-060	-775	190	188	-208	046	-046	-569	190	247	-106	078	245	-512
190	139	-203	063	-028	-174	190	189	-198	029	-097	-401	190	248	-133	052	130	-315
190	140	-203	062	-025	-701	190	190	-196	034	-098	-427	190	249	-119	044	127	-301
190	141	-207	050	-070	-544	190	191	-195	033	-118	-451	190	250	-147	054	246	-286
190	142	-212	049	-092	-483	190	201	-029	254	-840	-824	190	251	-115	077	373	-281
190	143	-219	046	-090	-432	190	202	-001	222	-807	-762	190	252	-087	092	445	-282
190	144	-220	047	-085	-417	190	203	-064	176	-567	-848	190	253	-079	080	394	-267
190	145	-227	044	-119	-449	190	204	-144	207	-608	-962	190	254	-085	089	438	-310
190	146	-229	052	-104	-351	190	205	-132	203	-585	-894	190	255	-104	075	330	-345
190	147	-219	045	-097	-449	190	206	-208	142	-244	-1072	190	301	-164	077	180	-449
190	148	-231	037	-125	-420	190	207	-001	243	-864	-681	190	302	-156	088	244	-581
190	149	-207	032	-097	-387	190	208	-008	198	-742	-599	190	303	-197	122	277	-867
190	150	-215	040	-088	-437	190	209	-014	228	-764	-761	190	304	-167	122	413	-720
190	151	-208	038	-088	-427	190	210	-032	224	-853	-905	190	305	-135	148	520	-815
190	152	-190	056	-029	-617	190	211	-001	190	-582	-685	190	306	-054	240	955	-789
190	153	-198	050	-035	-637	190	212	-064	123	-389	-548	190	307	-186	086	253	-682
190	154	-197	054	-040	-609	190	213	-126	110	-332	-608	190	308	-166	090	276	-814
190	155	-200	045	-075	-458	190	214	-065	239	-117	-583	190	309	-210	111	194	-703
190	156	-202	042	-085	-475	190	215	-075	236	-059	-562	190	310	-196	124	452	-827
190	157	-209	038	-097	-436	190	216	-076	194	-722	-418	190	311	-169	161	536	-818
190	158	-206	042	-056	-481	190	217	-080	215	-805	-490	190	312	-122	236	837	-1219
190	159	-209	043	-099	-489	190	218	-039	184	-722	-602	190	313	-177	065	184	-478
190	160	-198	037	-094	-425	190	219	-043	136	-417	-590	190	314	-170	080	241	-349
190	161	-193	026	-117	-292	190	220	-118	071	-202	-452	190	315	-172	078	158	-556
190	162	-189	028	-104	-314	190	221	-076	181	-864	-617	190	316	-187	095	153	-784
190	163	-192	030	-101	-348	190	222	-088	182	-910	-499	190	317	-213	109	184	-1062
190	164	-187	028	-029	-307	190	223	-093	177	-849	-461	190	318	-219	123	205	-1081
190	165	-217	054	-077	-674	190	224	-080	134	-667	-314	190	319	-194	145	412	-1023
190	166	-221	065	-045	-729	190	225	-021	125	-517	-412	190	320	-284	209	287	-1730
190	167	-224	064	-058	-681	190	226	-063	096	-328	-486	190	321	-182	098	262	-703
190	168	-224	060	-090	-527	190	227	-132	073	-178	-502	190	322	-123	127	633	-694
190	169	-225	043	-138	-633	190	228	-060	127	-852	-369	190	323	-088	158	812	-696
190	170	-225	054	-118	-848	190	229	-069	142	-746	-383	190	324	-057	206	814	-859
190	171	-221	049	-114	-709	190	230	-071	138	-651	-442	190	325	-015	187	825	-553
190	172	-224	053	-117	-837	190	231	-061	122	-695	-360	190	326	-200	054	179	-496
190	173	-219	036	-116	-468	190	232	-013	081	-376	-223	190	327	-183	053	183	-451
190	174	-212	033	-122	-394	190	233	-076	071	-260	-392	190	328	-167	053	105	-419
190	175	-209	029	-124	-326	190	234	-143	057	-117	-448	190	329	-178	059	006	-508
190	176	-209	027	-130	-329	190	235	-142	088	-459	-510	190	330	-207	098	043	-586
190	177	-211	021	-146	-304	190	236	-145	075	-355	-427	190	331	-234	121	038	-1056
190	178	-211	046	-105	-388	190	237	-132	090	-542	-504	190	332	-301	206	285	-1404
190	179	-221	076	-042	-811	190	238	-117	093	-388	-800	190	333	-349	194	011	-1334
190	180	-219	077	-070	-691	190	239	-115	089	-355	-496	190	334	-223	120	261	-791

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	335	-101	128	747	-507	190	385	-173	068	288	-512	190	435	-202	021	-118	-285
190	336	-040	167	834	-490	190	386	-155	061	247	-371	190	436	-201	023	-100	-292
190	337	-046	161	708	-806	190	387	-149	054	213	-288	190	437	-199	023	-092	-299
190	338	-004	199	860	-605	190	388	-150	062	299	-341	190	438	-202	023	-103	-330
190	339	-202	039	-088	-432	190	389	-158	064	249	-363	190	439	-206	024	-131	-329
190	340	-190	039	-052	-492	190	390	-188	029	-074	-349	190	440	-204	030	-111	-365
190	341	-180	035	-018	-377	190	391	-156	033	-019	-334	190	441	-203	030	-110	-367
190	342	-185	056	-017	-641	190	392	-172	043	-026	-427	190	442	-196	028	-096	-328
190	343	-215	084	-055	-843	190	393	-174	037	-030	-365	190	443	-197	018	-123	-278
190	344	-240	107	-091	-980	190	394	-179	022	-066	-273	190	444	-194	021	-103	-310
190	345	-308	169	-036	-1627	190	395	-179	022	-065	-276	190	445	-194	022	-102	-355
190	346	-336	209	-024	-2075	190	396	-165	026	-031	-271	190	446	-200	025	-115	-402
190	347	-224	114	-251	-857	190	397	-159	026	-017	-278	190	701	-202	023	-128	-327
190	348	-086	104	-570	-435	190	398	-172	039	-003	-347	190	702	-202	024	-129	-334
190	349	-061	101	-478	-393	190	399	-096	056	-261	-261	190	703	-199	023	-128	-345
190	350	-034	154	-960	-798	190	400	-077	072	-503	-286	190	704	-201	023	-128	-358
190	351	-009	165	-819	-652	190	401	-244	066	-053	-761	190	705	-204	021	-151	-316
190	352	-193	033	-084	-394	190	402	-238	072	-039	-633	190	706	-202	027	-126	-320
190	353	-189	027	-114	-351	190	403	-257	091	-036	-971	190	801	-142	057	-104	-481
190	354	-183	035	-075	-438	190	404	-247	058	-114	-660	190	802	-055	080	-401	-251
190	355	-180	049	-018	-446	190	405	-233	069	-005	-693	190	803	-057	061	-383	-216
190	356	-203	072	-002	-606	190	406	-257	095	-022	-876	190	804	-117	053	-136	-352
190	357	-236	080	-043	-670	190	407	-240	073	-021	-835	190	805	-202	065	-022	-640
190	358	-282	156	-157	-376	190	408	-239	060	-016	-643	190	806	-205	060	-051	-716
190	359	-306	167	-146	-559	190	409	-233	069	-005	-746	190	807	-111	034	-096	-211
190	360	-218	110	-237	-909	190	410	-229	064	-018	-622	190	808	-200	052	-092	-874
190	361	-121	071	-257	-468	190	411	-222	059	-040	-629	190	809	-157	032	-014	-289
190	362	-081	093	-486	-479	190	412	-224	049	-084	-635	190	810	-189	034	-078	-422
190	363	-054	122	-364	-530	190	413	-221	059	-056	-792	190	811	-182	019	-115	-270
190	364	-013	126	-540	-449	190	414	-237	065	-064	-704	190	901	-191	083	-090	-635
190	365	-205	026	-130	-352	190	415	-231	060	-077	-763	190	902	-190	077	-095	-668
190	366	-200	021	-133	-373	190	416	-233	049	-088	-590	190	903	-247	162	-223	-1141
190	367	-198	028	-098	-385	190	417	-225	054	-056	-639	190	904	-173	080	-122	-615
190	368	-196	038	-050	-500	190	418	-225	054	-056	-556	190	905	-217	082	-052	-591
190	369	-206	046	-024	-546	190	419	-225	059	-046	-718	190	906	-157	104	-326	-723
190	370	-215	042	-110	-486	190	420	-225	042	-105	-516	190	907	-169	084	-205	-718
190	371	-220	061	-008	-535	190	421	-235	044	-121	-438	190	908	-243	098	-025	-1037
190	372	-225	066	-084	-587	190	422	-232	044	-113	-430	190	909	-278	131	-034	-1062
190	373	-213	056	-049	-571	190	423	-228	042	-106	-409	190	910	-334	188	-094	-1504
190	374	-191	045	-053	-417	190	424	-229	038	-110	-435	190	911	-216	074	-013	-666
190	375	-179	065	-206	-462	190	425	-222	044	-067	-516	190	912	-223	146	-203	-1064
190	376	-192	093	-320	-713	190	426	-220	044	-047	-489	190	913	-310	171	-250	-1465
190	377	-150	093	-405	-556	190	427	-217	044	-081	-452	190	914	-254	086	-002	-762
190	378	-193	028	-038	-378	190	428	-218	033	-118	-380	190	915	-201	134	-225	-937
190	379	-185	040	-014	-343	190	429	-218	039	-106	-423	190	916	-198	202	-565	-1219
190	380	-201	052	-018	-556	190	430	-213	036	-100	-417	190	3651	-202	026	-126	-352
190	381	-181	055	-297	-431	190	431	-211	035	-093	-419	190	3652	-197	026	-107	-332
190	382	-184	036	-061	-352	190	432	-207	029	-129	-343	190	3653	-203	027	-128	-360
190	383	-171	051	-211	-383	190	433	-201	034	-110	-357	190	3654	-199	020	-113	-303
190	384	-166	059	-286	-471	190	434	-200	035	-106	-356	190	3655	-192	026	-076	-355

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	101	-185	.051	-.029	-.617	200	151	-.161	.030	-.064	-.399	200	210	-.123	.079	.373	-.430
200	102	-.168	.048	-.024	-.520	200	152	-.160	.047	-.030	-.806	200	211	-.121	.076	.341	-.450
200	103	-.171	.047	-.043	-.453	200	153	-.161	.036	-.059	-.482	200	212	-.127	.057	.161	-.497
200	104	-.171	.044	-.043	-.427	200	154	-.161	.037	-.055	-.518	200	213	-.138	.057	.110	-.421
200	105	-.185	.039	-.070	-.486	200	155	-.157	.031	-.060	-.359	200	214	-.124	.076	.419	-.578
200	106	-.214	.060	-.039	-.631	200	156	-.158	.029	-.064	-.297	200	215	-.123	.072	.369	-.445
200	107	-.187	.060	-.015	-.554	200	157	-.162	.025	-.072	-.283	200	216	-.119	.061	.289	-.360
200	108	-.170	.049	-.001	-.460	200	158	-.162	.027	-.064	-.273	200	217	-.115	.073	.378	-.373
200	109	-.179	.043	-.046	-.579	200	159	-.161	.028	-.062	-.273	200	218	-.116	.070	.381	-.386
200	110	-.176	.044	-.028	-.549	200	160	-.155	.026	-.074	-.257	200	219	-.127	.058	.212	-.341
200	111	-.181	.044	-.034	-.466	200	161	-.150	.022	-.067	-.255	200	220	-.139	.039	.093	-.324
200	112	-.212	.062	-.060	-.592	200	162	-.151	.024	-.053	-.264	200	221	-.121	.056	.369	-.334
200	113	-.164	.045	-.018	-.402	200	163	-.152	.027	-.051	-.288	200	222	-.121	.057	.320	-.344
200	114	-.164	.052	-.005	-.467	200	164	-.147	.025	-.049	-.284	200	223	-.117	.057	.320	-.333
200	115	-.165	.055	-.021	-.563	200	165	-.159	.033	-.072	-.562	200	224	-.120	.048	.363	-.309
200	116	-.165	.051	-.007	-.554	200	166	-.163	.037	-.060	-.645	200	225	-.125	.052	.276	-.421
200	117	-.168	.038	-.042	-.361	200	167	-.163	.033	-.056	-.466	200	226	-.133	.044	.145	-.397
200	118	-.169	.044	-.024	-.393	200	168	-.161	.028	-.082	-.361	200	227	-.140	.039	.085	-.403
200	119	-.169	.044	-.032	-.419	200	169	-.155	.023	-.077	-.342	200	228	-.123	.035	.047	-.258
200	120	-.169	.046	-.028	-.422	200	170	-.156	.027	-.071	-.333	200	229	-.124	.039	.077	-.264
200	121	-.173	.040	-.070	-.443	200	171	-.155	.027	-.079	-.311	200	230	-.121	.040	.061	-.290
200	122	-.170	.044	-.035	-.438	200	172	-.156	.026	-.074	-.293	200	231	-.119	.039	.071	-.298
200	123	-.172	.044	-.036	-.384	200	173	-.157	.021	-.091	-.257	200	232	-.122	.033	.051	-.324
200	124	-.177	.047	-.030	-.427	200	174	-.155	.022	-.050	-.236	200	233	-.131	.034	.038	-.347
200	125	-.183	.041	-.035	-.415	200	175	-.153	.021	-.071	-.238	200	234	-.139	.032	.000	-.413
200	126	-.164	.047	-.001	-.591	200	176	-.157	.021	-.074	-.239	200	235	-.160	.037	.062	-.409
200	127	-.163	.047	-.002	-.425	200	177	-.156	.018	-.095	-.245	200	236	-.161	.031	.124	-.334
200	128	-.161	.044	-.014	-.376	200	178	-.149	.024	-.062	-.276	200	237	-.158	.037	.196	-.348
200	129	-.166	.035	-.035	-.341	200	179	-.159	.034	-.001	-.578	200	238	-.153	.038	.158	-.354
200	130	-.169	.038	-.033	-.398	200	180	-.159	.034	-.006	-.607	200	239	-.153	.039	.150	-.355
200	131	-.170	.039	-.034	-.397	200	181	-.159	.025	-.089	-.410	200	240	-.157	.031	.081	-.354
200	132	-.170	.039	-.041	-.345	200	182	-.153	.026	-.069	-.380	200	241	-.160	.039	.092	-.439
200	133	-.178	.039	-.076	-.456	200	183	-.151	.024	-.060	-.262	200	242	-.152	.027	-.050	-.246
200	134	-.174	.039	-.059	-.447	200	184	-.152	.024	-.072	-.267	200	243	-.153	.027	-.044	-.247
200	135	-.170	.038	-.060	-.449	200	185	-.154	.024	-.068	-.350	200	244	-.153	.024	-.046	-.249
200	136	-.170	.038	-.012	-.410	200	186	-.151	.028	-.058	-.458	200	245	-.147	.029	.003	-.264
200	137	-.178	.037	-.089	-.514	200	187	-.150	.026	-.065	-.433	200	246	-.144	.030	.046	-.266
200	138	-.177	.041	-.075	-.531	200	188	-.149	.025	-.072	-.273	200	247	-.143	.031	.018	-.263
200	139	-.161	.044	-.017	-.410	200	189	-.147	.018	-.072	-.222	200	248	-.150	.027	-.027	-.278
200	140	-.159	.044	-.018	-.410	200	190	-.146	.021	-.056	-.236	200	249	-.117	.024	-.001	-.236
200	141	-.161	.035	-.063	-.337	200	191	-.145	.021	-.067	-.238	200	250	-.151	.027	-.041	-.232
200	142	-.165	.034	-.057	-.336	200	201	-.136	.082	-.456	-.505	200	251	-.148	.029	.003	-.254
200	143	-.166	.033	-.056	-.322	200	202	-.123	.076	-.437	-.482	200	252	-.144	.031	.038	-.239
200	144	-.166	.033	-.049	-.324	200	203	-.131	.066	-.236	-.501	200	253	-.139	.028	.048	-.236
200	145	-.167	.029	-.078	-.283	200	204	-.145	.067	-.333	-.465	200	254	-.137	.032	.088	-.249
200	146	-.170	.034	-.066	-.304	200	205	-.132	.075	-.302	-.503	200	255	-.138	.031	.060	-.250
200	147	-.164	.031	-.060	-.281	200	206	-.149	.061	-.136	-.581	200	301	-.133	.051	.220	-.334
200	148	-.132	.041	-.014	-.430	200	207	-.126	.090	-.398	-.809	200	302	-.122	.065	.293	-.350
200	149	-.159	.024	-.080	-.309	200	208	-.133	.066	-.277	-.456	200	303	-.122	.071	.428	-.442
200	150	-.167	.029	-.070	-.409	200	209	-.130	.077	-.343	-.460	200	304	-.127	.068	.343	-.413

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	305	-135	.057	.176	-352	200	355	-146	.028	.041	-245	200	405	-154	.057	.050	-478
200	306	-140	.076	.316	-607	200	356	-148	.029	.031	-263	200	406	-202	.082	.104	-658
200	307	-149	.052	.166	-368	200	357	-151	.023	.082	-306	200	407	-155	.051	.008	-424
200	308	-130	.064	.273	-327	200	358	-154	.029	.071	-402	200	408	-158	.041	.044	-363
200	309	-123	.058	.157	-413	200	359	-153	.030	.064	-391	200	409	-155	.051	.004	-442
200	310	-128	.065	.284	-359	200	360	-150	.029	.048	-320	200	410	-160	.059	.071	-654
200	311	-123	.066	.444	-542	200	361	-144	.028	.012	-261	200	411	-195	.086	.142	-731
200	312	-137	.067	.237	-653	200	362	-144	.035	.042	-278	200	412	-231	.103	.112	-751
200	313	-146	.040	.132	-392	200	363	-141	.042	.075	-525	200	413	-247	.142	.264	-1071
200	314	-143	.050	.145	-542	200	364	-140	.040	.081	-354	200	414	-150	.050	.033	-442
200	315	-143	.054	.226	-553	200	365	-157	.026	.078	-275	200	415	-155	.051	.046	-391
200	316	-141	.058	.250	-447	200	366	-160	.020	.091	-249	200	416	-149	.040	.000	-401
200	317	-136	.055	.106	-480	200	367	-158	.025	.077	-268	200	417	-145	.054	.068	-530
200	318	-137	.065	.152	-547	200	368	-158	.026	.067	-262	200	418	-160	.069	.104	-550
200	319	-136	.063	.229	-553	200	369	-162	.027	.076	-315	200	419	-198	.103	.162	-636
200	320	-137	.072	.268	-707	200	370	-167	.022	.085	-330	200	420	-206	.087	.259	-562
200	321	-143	.054	.120	-478	200	371	-165	.027	.060	-268	200	421	-154	.062	.035	-474
200	322	-136	.065	.220	-407	200	372	-164	.027	.058	-295	200	422	-159	.062	.033	-433
200	323	-136	.072	.334	-442	200	373	-165	.028	.058	-275	200	423	-152	.059	.079	-432
200	324	-136	.082	.459	-533	200	374	-163	.024	.072	-269	200	424	-152	.050	.103	-457
200	325	-149	.062	.325	-433	200	375	-162	.031	.048	-291	200	425	-167	.081	.216	-741
200	326	-158	.039	.061	-357	200	376	-163	.036	.054	-352	200	426	-180	.102	.363	-567
200	327	-151	.036	.055	-312	200	377	-161	.037	.008	-347	200	427	-186	.116	.411	-770
200	328	-149	.034	.038	-302	200	378	-154	.024	.023	-261	200	428	-148	.048	.043	-468
200	329	-146	.032	.055	-282	200	379	-154	.027	.022	-255	200	429	-157	.058	.076	-513
200	330	-148	.038	.051	-352	200	380	-156	.029	.016	-295	200	430	-160	.057	.106	-481
200	331	-150	.041	.073	-347	200	381	-156	.031	.052	-275	200	431	-175	.063	.175	-483
200	332	-154	.047	.040	-535	200	382	-157	.023	.029	-245	200	432	-216	.062	.010	-531
200	333	-152	.037	.004	-333	200	383	-154	.029	.005	-276	200	433	-237	.082	.012	-797
200	334	-152	.042	.035	-381	200	384	-151	.031	.009	-270	200	434	-244	.091	.129	-798
200	335	-142	.046	.124	-319	200	385	-154	.033	.020	-315	200	435	-140	.017	.079	-201
200	336	-138	.051	.178	-374	200	386	-160	.028	.014	-294	200	436	-137	.019	.063	-199
200	337	-141	.051	.222	-440	200	387	-155	.029	.033	-264	200	437	-136	.019	.079	-203
200	338	-143	.065	.284	-400	200	388	-153	.031	.003	-274	200	438	-136	.019	.069	-202
200	339	-147	.043	.075	-423	200	389	-155	.040	.000	-317	200	439	-138	.016	.056	-266
200	340	-144	.036	.017	-361	200	390	-130	.020	.058	-197	200	440	-135	.021	.040	-495
200	341	-146	.029	.057	-245	200	391	-131	.021	.064	-215	200	441	-138	.021	.040	-493
200	342	-150	.030	.027	-309	200	392	-133	.023	.059	-245	200	442	-141	.020	.064	-209
200	343	-151	.031	.013	-324	200	393	-134	.019	.034	-193	200	443	-140	.016	.094	-198
200	344	-152	.033	.026	-374	200	394	-129	.019	.037	-197	200	444	-133	.019	.070	-199
200	345	-159	.034	.036	-445	200	395	-130	.019	.038	-198	200	445	-134	.019	.069	-191
200	346	-162	.039	.037	-487	200	396	-132	.022	.042	-202	200	446	-139	.019	.083	-207
200	347	-153	.035	.029	-356	200	397	-131	.018	.066	-188	200	701	-144	.017	.079	-206
200	348	-126	.035	.049	-246	200	398	-132	.022	.045	-217	200	702	-140	.019	.060	-212
200	349	-143	.037	.067	-354	200	399	-126	.027	.008	-213	200	703	-138	.018	.074	-201
200	350	-147	.050	.092	-477	200	400	-124	.032	.103	-224	200	704	-137	.018	.071	-195
200	351	-142	.052	.129	-509	200	401	-160	.051	.001	-442	200	705	-140	.015	.094	-216
200	352	-160	.030	.055	-374	200	402	-175	.068	.065	-650	200	706	-135	.018	.075	-217
200	353	-159	.024	.029	-315	200	403	-215	.089	.183	-746	200	801	-130	.028	.018	-298
200	354	-153	.026	.021	-299	200	404	-159	.040	.027	-396	200	802	-113	.033	.124	-224

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	803	-117	.025	.004	-198	210	121	-127	.033	-018	-365	210	171	-136	.020	-074	-210
200	804	-125	.028	.061	-245	210	122	-131	.039	-010	-382	210	172	-135	.020	-075	-217
200	805	-141	.029	.038	-337	210	123	-134	.040	-002	-422	210	173	-134	.017	-086	-216
200	806	-143	.029	.042	-429	210	124	-140	.043	-001	-435	210	174	-134	.020	-076	-222
200	807	-131	.022	.009	-203	210	125	-146	.043	-020	-401	210	175	-133	.020	-074	-220
200	808	-141	.026	.070	-242	210	126	-124	.036	-017	-412	210	176	-135	.021	-069	-253
200	809	-133	.021	.059	-208	210	127	-123	.036	-002	-397	210	177	-137	.017	-074	-206
200	810	-137	.021	.073	-221	210	128	-122	.034	-025	-343	210	178	-131	.019	-063	-198
200	811	-132	.016	.071	-181	210	129	-122	.025	-018	-248	210	179	-136	.024	-053	-316
200	901	-170	.078	.198	-715	210	130	-123	.029	-008	-268	210	180	-133	.023	-046	-307
200	902	-153	.050	.085	-509	210	131	-123	.030	-007	-357	210	181	-134	.017	-082	-225
200	903	-159	.085	.215	-689	210	132	-124	.032	-003	-277	210	182	-132	.020	-074	-209
200	904	-134	.053	.257	-431	210	133	-127	.030	-022	-293	210	183	-131	.020	-065	-230
200	905	-161	.037	.033	-374	210	134	-129	.034	-017	-291	210	184	-130	.020	-065	-217
200	906	-097	.071	.277	-422	210	135	-129	.034	-004	-276	210	185	-132	.017	-080	-239
200	907	-119	.062	.361	-421	210	136	-133	.038	-016	-325	210	186	-130	.019	-063	-262
200	908	-179	.052	.014	-525	210	137	-138	.035	-040	-365	210	187	-130	.019	-059	-210
200	909	-158	.041	.043	-424	210	138	-147	.043	-028	-333	210	188	-127	.018	-060	-191
200	910	-165	.062	.092	-628	210	139	-124	.038	-009	-339	210	189	-132	.016	-076	-177
200	911	-159	.038	.031	-409	210	140	-121	.037	-006	-301	210	190	-130	.019	-065	-188
200	912	-150	.049	.051	-662	210	141	-123	.027	-043	-367	210	191	-131	.019	-065	-194
200	913	-174	.058	.109	-466	210	142	-120	.025	-042	-256	210	201	-158	.084	.281	-599
200	914	-172	.043	.047	-412	210	143	-121	.024	-051	-244	210	202	-113	.061	.208	-398
200	915	-148	.054	.159	-447	210	144	-120	.027	-036	-301	210	203	-119	.045	.163	-304
200	916	-133	.063	.149	-548	210	145	-122	.028	-034	-252	210	204	-156	.065	.125	-526
200	3651	-139	.020	.080	-265	210	146	-123	.030	-026	-250	210	205	-103	.053	.150	-327
200	3652	-138	.020	.079	-252	210	147	-123	.033	-016	-278	210	206	-117	.040	.047	-444
200	3653	-141	.020	.081	-262	210	148	-128	.034	-029	-401	210	207	-148	.107	.204	-802
200	3654	-140	.016	.086	-223	210	149	-146	.037	-031	-351	210	208	-158	.088	.194	-779
200	3655	-132	.019	.065	-212	210	150	-149	.045	-040	-389	210	209	-151	.106	.278	-855
210	101	-129	.035	.031	-356	210	151	-160	.052	-013	-442	210	210	-133	.080	.271	-551
210	102	-121	.034	.017	-352	210	152	-118	.034	-029	-360	210	211	-115	.060	.279	-521
210	103	-125	.037	.013	-476	210	153	-115	.030	-038	-340	210	212	-118	.041	.150	-332
210	104	-130	.043	.021	-494	210	154	-111	.027	-026	-273	210	213	-124	.040	.103	-321
210	105	-135	.035	.036	-308	210	155	-107	.024	-016	-202	210	214	-139	.089	.277	-727
210	106	-155	.031	.005	-452	210	156	-108	.026	-016	-237	210	215	-136	.067	.220	-491
210	107	-130	.040	.029	-444	210	157	-111	.023	-043	-230	210	216	-122	.044	.101	-380
210	108	-120	.032	.025	-257	210	158	-115	.028	-033	-259	210	217	-109	.045	.179	-284
210	109	-128	.031	.040	-371	210	159	-114	.029	-024	-278	210	218	-106	.040	.187	-270
210	110	-129	.036	.010	-480	210	160	-115	.032	-015	-283	210	219	-116	.036	.072	-335
210	111	-132	.038	.020	-386	210	161	-117	.032	-027	-322	210	220	-126	.026	.027	-253
210	112	-150	.050	.016	-540	210	162	-121	.039	-015	-322	210	221	-117	.048	.072	-358
210	113	-118	.028	.029	-254	210	163	-125	.044	-007	-388	210	222	-115	.043	.082	-318
210	114	-119	.031	.015	-282	210	164	-133	.048	-006	-437	210	223	-110	.039	.087	-298
210	115	-119	.032	.009	-440	210	165	-135	.025	-063	-291	210	224	-103	.029	.036	-215
210	116	-119	.032	.020	-307	210	166	-138	.028	-057	-439	210	225	-105	.031	.024	-225
210	117	-125	.029	.020	-277	210	167	-137	.025	-063	-269	210	226	-111	.029	.011	-230
210	118	-126	.034	.012	-308	210	168	-133	.023	-060	-225	210	227	-119	.030	.020	-278
210	119	-126	.035	.018	-325	210	169	-135	.017	-084	-264	210	228	-105	.030	.063	-260
210	120	-125	.037	.018	-362	210	170	-135	.020	-074	-215	210	229	-104	.033	.057	-303

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	230	-101	032	055	-264	210	325	-155	053	090	-413	210	375	-135	022	-042	-207
210	231	-098	030	021	-276	210	326	-120	058	174	-415	210	376	-133	022	-045	-212
210	232	-100	020	019	-177	210	327	-114	052	125	-339	210	377	-131	023	-008	-219
210	233	-109	023	008	-219	210	328	-116	045	117	-303	210	378	-129	020	-047	-208
210	234	-116	026	018	-293	210	329	-125	034	052	-244	210	379	-133	022	-057	-264
210	235	-131	022	030	-223	210	330	-133	040	053	-303	210	380	-132	021	-059	-257
210	236	-132	017	061	-206	210	331	-136	041	053	-332	210	381	-131	021	-052	-223
210	237	-130	021	048	-203	210	332	-144	045	035	-430	210	382	-131	019	-024	-223
210	238	-128	020	051	-190	210	333	-138	041	081	-323	210	383	-130	023	-023	-255
210	239	-126	020	052	-223	210	334	-145	046	077	-347	210	384	-126	023	-014	-214
210	240	-131	016	072	-204	210	335	-131	042	041	-355	210	385	-126	023	-016	-197
210	241	-133	021	065	-289	210	336	-129	041	073	-289	210	386	-128	019	-034	-181
210	242	-126	020	051	-190	210	337	-145	038	031	-393	210	387	-127	021	-035	-205
210	243	-124	020	034	-189	210	338	-159	054	009	-538	210	388	-124	022	-012	-186
210	244	-126	017	061	-216	210	339	-122	053	201	-420	210	389	-123	029	-006	-221
210	245	-124	020	048	-200	210	340	-119	042	090	-362	210	390	-127	018	-059	-181
210	246	-122	020	023	-186	210	341	-126	027	011	-237	210	391	-128	017	-066	-184
210	247	-121	020	038	-195	210	342	-136	028	014	-307	210	392	-129	017	-064	-189
210	248	-125	017	059	-179	210	343	-142	029	013	-334	210	393	-128	015	-074	-214
210	249	-113	017	064	-179	210	344	-145	030	013	-355	210	394	-121	018	-059	-181
210	250	-125	022	008	-194	210	345	-153	029	061	-336	210	395	-131	018	-059	-184
210	251	-124	021	000	-184	210	346	-152	033	040	-324	210	396	-129	019	-064	-196
210	252	-121	020	006	-179	210	347	-153	033	044	-391	210	397	-129	015	-074	-189
210	253	-122	017	028	-175	210	348	-107	035	169	-241	210	398	-128	018	-064	-191
210	254	-122	020	004	-184	210	349	-138	026	036	-305	210	399	-127	019	-066	-189
210	255	-121	020	006	-188	210	350	-142	031	007	-310	210	400	-127	021	-057	-191
210	301	-086	067	329	-377	210	351	-142	033	022	-366	210	401	-147	046	-013	-417
210	302	-075	084	561	-354	210	352	-138	031	030	-342	210	402	-159	059	-065	-566
210	303	-079	086	507	-395	210	353	-133	022	075	-251	210	403	-192	078	-191	-697
210	304	-098	075	286	-436	210	354	-134	022	058	-256	210	404	-148	035	-049	-380
210	305	-099	056	237	-294	210	355	-135	022	060	-267	210	405	-149	048	-045	-489
210	306	-114	058	265	-387	210	356	-138	022	070	-285	210	406	-187	073	-042	-633
210	307	-106	072	422	-397	210	357	-142	021	075	-226	210	407	-145	041	-003	-362
210	308	-080	087	700	-338	210	358	-147	025	070	-254	210	408	-145	034	-030	-376
210	309	-080	079	480	-485	210	359	-146	025	076	-253	210	409	-142	041	-035	-383
210	310	-091	080	384	-422	210	360	-144	025	070	-239	210	410	-146	044	-046	-413
210	311	-087	066	354	-391	210	361	-139	026	063	-291	210	411	-164	062	-070	-636
210	312	-117	049	167	-362	210	362	-140	022	056	-312	210	412	-174	069	-041	-650
210	313	-101	056	368	-296	210	363	-138	023	049	-274	210	413	-184	093	-128	-869
210	314	-098	071	507	-382	210	364	-136	022	066	-276	210	414	-146	045	-027	-428
210	315	-098	073	372	-445	210	365	-143	025	065	-269	210	415	-148	042	-003	-395
210	316	-100	075	488	-531	210	366	-138	018	084	-227	210	416	-142	031	-014	-302
210	317	-106	061	318	-503	210	367	-139	022	067	-219	210	417	-137	041	-041	-335
210	318	-109	069	340	-529	210	368	-138	022	059	-230	210	418	-141	055	-130	-415
210	319	-116	061	320	-404	210	369	-138	022	058	-247	210	419	-157	081	-224	-613
210	320	-107	069	384	-461	210	370	-137	018	063	-235	210	420	-165	081	-279	-595
210	321	-123	060	210	-470	210	371	-136	021	044	-249	210	421	-148	045	-011	-508
210	322	-119	063	168	-543	210	372	-135	022	047	-241	210	422	-151	043	-010	-407
210	323	-119	059	210	-393	210	373	-133	022	020	-239	210	423	-140	040	-024	-340
210	324	-132	061	202	-436	210	374	-137	019	053	-210	210	424	-127	034	-090	-264

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	425	-114	056	136	-424	210	912	-121	044	031	-434	220	141	-123	028	-015	-256
210	426	-109	079	288	-616	210	913	-149	056	158	-508	220	142	-125	034	-019	-318
210	427	-111	097	366	-619	210	914	-143	040	-021	-394	220	143	-127	036	-011	-354
210	428	-130	034	001	-332	210	915	-123	042	055	-420	220	144	-127	043	-038	-492
210	429	-140	043	006	-376	210	916	-112	051	279	-434	220	145	-134	043	-000	-381
210	430	-142	041	048	-347	210	3651	-136	023	-056	-265	220	146	-135	046	-022	-377
210	431	-148	041	054	-348	210	3652	-134	023	-054	-234	220	147	-141	057	-092	-474
210	432	-169	041	014	-357	210	3653	-138	023	-054	-266	220	148	-152	051	-009	-533
210	433	-180	059	004	-543	210	3654	-134	018	-066	-232	220	149	-144	052	-031	-408
210	434	-186	068	-042	-566	210	3655	-128	020	-056	-294	220	150	-154	061	-033	-586
210	435	-130	018	-054	-222	220	101	-136	040	-004	-412	220	151	-184	076	-013	-793
210	436	-127	022	-033	-233	220	102	-131	039	-008	-346	220	152	-116	032	-020	-383
210	437	-127	022	-037	-261	220	103	-136	041	-031	-371	220	153	-115	025	-048	-296
210	438	-128	023	-035	-252	220	104	-135	044	-005	-389	220	154	-116	027	-012	-257
210	439	-127	018	-051	-212	220	105	-153	045	-019	-434	220	155	-119	031	-017	-247
210	440	-124	021	-049	-265	220	106	-184	070	-006	-647	220	156	-122	037	-027	-285
210	441	-126	021	-049	-226	220	107	-136	045	-007	-542	220	157	-122	038	-011	-511
210	442	-126	022	-045	-201	220	108	-128	040	-014	-393	220	158	-130	047	-035	-536
210	443	-124	018	-029	-184	220	109	-136	038	-021	-300	220	159	-127	047	-031	-548
210	444	-120	021	-015	-186	220	110	-134	044	-001	-377	220	160	-134	057	-053	-707
210	445	-120	020	-015	-184	220	111	-143	049	-015	-430	220	161	-134	052	-051	-497
210	446	-129	018	-057	-230	220	112	-177	070	-033	-682	220	162	-141	061	-081	-497
210	701	-129	018	-066	-199	220	113	-136	038	-026	-421	220	163	-148	062	-081	-550
210	702	-127	021	-049	-212	220	114	-135	042	-008	-445	220	164	-171	069	-104	-686
210	703	-125	021	-057	-275	220	115	-132	041	-018	-454	220	165	-116	018	-053	-203
210	704	-130	020	-059	-225	220	116	-129	042	-004	-560	220	166	-114	020	-047	-201
210	705	-130	015	-081	-207	220	117	-130	035	-019	-265	220	167	-113	019	-053	-172
210	706	-128	017	-074	-204	220	118	-131	041	-003	-359	220	168	-110	021	-042	-189
210	801	-123	019	-057	-192	220	119	-132	043	-009	-354	220	169	-113	017	-061	-192
210	802	-126	020	-047	-199	220	120	-130	044	-016	-423	220	170	-114	022	-047	-215
210	803	-125	017	-069	-187	220	121	-136	043	-017	-462	220	171	-117	023	-038	-229
210	804	-123	022	-013	-204	220	122	-141	050	-019	-482	220	172	-115	024	-042	-219
210	805	-122	019	-057	-182	220	123	-147	053	-044	-415	220	173	-120	023	-059	-215
210	806	-126	019	-057	-189	220	124	-154	059	-050	-530	220	174	-121	028	-043	-337
210	807	-130	016	-012	-177	220	125	-175	059	-009	-478	220	175	-124	029	-030	-351
210	808	-125	018	-064	-189	220	126	-141	042	-010	-477	220	176	-126	030	-026	-334
210	809	-128	018	-059	-224	220	127	-139	042	-015	-378	220	177	-132	024	-057	-394
210	810	-124	017	-064	-187	220	128	-134	039	-022	-364	220	178	-113	019	-045	-192
210	811	-126	015	-066	-177	220	129	-128	030	-015	-302	220	179	-118	019	-044	-182
210	901	-173	074	-108	-585	220	130	-128	034	-008	-296	220	180	-114	019	-028	-177
210	902	-138	053	-158	-412	220	131	-129	036	-009	-301	220	181	-114	015	-061	-174
210	903	-145	074	-160	-572	220	132	-130	040	-007	-339	220	182	-112	019	-049	-181
210	904	-116	048	-118	-402	220	133	-133	036	-032	-291	220	183	-113	019	-046	-192
210	905	-126	036	-011	-317	220	134	-140	045	-008	-459	220	184	-111	019	-044	-199
210	906	-066	081	-374	-389	220	135	-140	049	-018	-432	220	185	-117	016	-063	-186
210	907	-107	072	-243	-397	220	136	-144	056	-036	-481	220	186	-113	019	-053	-205
210	908	-140	053	-118	-496	220	137	-151	048	-004	-414	220	187	-114	019	-055	-203
210	909	-127	032	-016	-339	220	138	-174	065	-008	-552	220	188	-111	019	-048	-199
210	910	-128	047	-091	-566	220	139	-129	038	-039	-363	220	189	-113	017	-065	-172
210	911	-134	039	-010	-337	220	140	-123	036	-026	-302	220	190	-113	020	-051	-179

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	191	-114	020	-044	-180	220	250	-137	020	-075	-220	220	345	-157	040	-070	-381
220	201	-214	082	-148	-622	220	251	-136	022	-071	-250	220	346	-153	043	-032	-393
220	202	-153	062	-119	-480	220	252	-132	022	-068	-249	220	347	-150	042	-046	-397
220	203	-138	043	-074	-372	220	253	-130	019	-061	-217	220	348	-132	043	-066	-374
220	204	-201	066	-019	-579	220	254	-132	023	-051	-243	220	349	-140	026	-055	-309
220	205	-134	053	-096	-427	220	255	-131	025	-044	-266	220	350	-137	028	-043	-294
220	206	-133	042	-052	-361	220	301	-092	067	-385	-428	220	351	-136	029	-035	-273
220	207	-206	127	-172	-871	220	302	-085	087	-499	-368	220	352	-141	033	-008	-353
220	208	-214	104	-000	-950	220	303	-090	091	-502	-450	220	353	-141	027	-052	-323
220	209	-200	118	-048	-1108	220	304	-112	086	-534	-511	220	354	-139	027	-027	-273
220	210	-174	086	-065	-684	220	305	-114	054	-189	-365	220	355	-138	026	-055	-271
220	211	-143	054	-051	-458	220	306	-126	054	-212	-469	220	356	-140	026	-058	-288
220	212	-141	038	-091	-327	220	307	-112	076	-287	-404	220	357	-146	023	-066	-278
220	213	-141	042	-059	-397	220	308	-091	087	-578	-333	220	358	-146	028	-057	-306
220	214	-197	101	-033	-717	220	309	-111	069	-341	-392	220	359	-145	029	-055	-311
220	215	-181	070	-039	-509	220	310	-124	078	-373	-639	220	360	-141	027	-056	-325
220	216	-151	047	-038	-420	220	311	-115	060	-347	-335	220	361	-143	024	-077	-347
220	217	-130	046	-046	-449	220	312	-130	046	-103	-396	220	362	-140	025	-041	-292
220	218	-125	039	-065	-384	220	313	-108	064	-292	-327	220	363	-138	025	-055	-268
220	219	-130	036	-060	-350	220	314	-105	076	-508	-411	220	364	-137	024	-058	-242
220	220	-143	030	-048	-350	220	315	-109	078	-538	-413	220	365	-151	028	-070	-322
220	221	-141	051	-026	-468	220	316	-113	078	-502	-463	220	366	-149	023	-086	-240
220	222	-139	043	-010	-411	220	317	-122	061	-397	-416	220	367	-149	026	-071	-290
220	223	-131	039	-068	-405	220	318	-124	070	-433	-492	220	368	-146	026	-075	-320
220	224	-117	029	-002	-308	220	319	-140	069	-374	-470	220	369	-144	025	-080	-277
220	225	-117	036	-004	-277	220	320	-125	072	-471	-550	220	370	-147	021	-086	-294
220	226	-125	030	-023	-296	220	321	-152	057	-117	-606	220	371	-148	025	-077	-301
220	227	-134	032	-026	-301	220	322	-139	056	-099	-473	220	372	-145	026	-067	-289
220	228	-115	027	-006	-243	220	323	-136	054	-134	-475	220	373	-142	025	-060	-271
220	229	-114	030	-002	-236	220	324	-137	053	-185	-509	220	374	-140	020	-074	-263
220	230	-110	029	-023	-241	220	325	-147	041	-046	-423	220	375	-140	023	-060	-294
220	231	-107	027	-010	-264	220	326	-115	072	-371	-531	220	376	-136	023	-051	-279
220	232	-112	022	-029	-196	220	327	-113	058	-309	-379	220	377	-132	023	-050	-243
220	233	-120	026	-002	-243	220	328	-121	045	-144	-333	220	378	-142	019	-053	-213
220	234	-130	030	-004	-300	220	329	-130	037	-079	-354	220	379	-145	023	-058	-241
220	235	-133	022	-054	-219	220	330	-136	043	-065	-409	220	380	-142	023	-049	-236
220	236	-137	020	-059	-297	220	331	-140	045	-100	-411	220	381	-139	023	-050	-231
220	237	-136	023	-043	-294	220	332	-150	054	-031	-507	220	382	-137	018	-076	-213
220	238	-134	024	-051	-266	220	333	-151	046	-037	-403	220	383	-139	022	-066	-209
220	239	-134	027	-052	-253	220	334	-154	053	-023	-512	220	384	-135	022	-063	-207
220	240	-134	025	-068	-247	220	335	-139	046	-058	-417	220	385	-134	023	-058	-205
220	241	-137	029	-060	-264	220	336	-133	042	-061	-357	220	386	-135	019	-034	-201
220	242	-135	021	-071	-223	220	337	-140	036	-106	-376	220	387	-137	020	-071	-205
220	243	-133	021	-068	-211	220	338	-143	047	-090	-618	220	388	-134	021	-059	-209
220	244	-134	020	-070	-192	220	339	-116	080	-254	-515	220	389	-131	034	-016	-239
220	245	-134	023	-064	-207	220	340	-111	056	-220	-309	220	390	-130	022	-063	-209
220	246	-131	024	-059	-205	220	341	-132	031	-046	-269	220	391	-131	022	-067	-287
220	247	-131	028	-050	-227	220	342	-141	030	-007	-306	220	392	-130	022	-064	-232
220	248	-137	025	-055	-259	220	343	-144	032	-044	-302	220	393	-131	017	-082	-194
220	249	-116	024	-033	-219	220	344	-147	034	-047	-333	220	394	-128	020	-063	-197

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	161	-146	046	065	-459	230	220	-192	053	-052	-496	230	315	-144	076	254	-502
230	162	-149	058	027	-522	230	221	-198	083	086	-630	230	316	-143	075	278	-559
230	163	-160	064	042	-453	230	222	-196	071	081	-571	230	317	-147	060	151	-545
230	164	-171	072	019	-535	230	223	-179	066	045	-579	230	318	-144	070	201	-607
230	165	-151	022	077	-256	230	224	-168	050	045	-431	230	319	-161	075	254	-573
230	166	-148	026	063	-237	230	225	-164	056	048	-525	230	320	-148	076	239	-618
230	167	-149	026	063	-250	230	226	-169	054	017	-529	230	321	-163	069	325	-715
230	168	-147	028	062	-295	230	227	-174	054	013	-521	230	322	-147	068	366	-664
230	169	-149	026	067	-262	230	228	-167	043	006	-330	230	323	-149	063	274	-562
230	170	-152	032	050	-291	230	229	-156	049	030	-377	230	324	-151	060	174	-531
230	171	-147	035	015	-311	230	230	-152	049	040	-351	230	325	-168	056	001	-516
230	172	-150	036	021	-332	230	231	-145	046	066	-337	230	326	-129	103	435	-756
230	173	-154	031	005	-325	230	232	-149	035	022	-298	230	327	-127	079	352	-511
230	174	-157	035	017	-337	230	233	-159	041	010	-386	230	328	-134	059	165	-370
230	175	-162	038	004	-440	230	234	-172	044	006	-437	230	329	-149	041	075	-347
230	176	-163	039	013	-460	230	235	-164	024	074	-253	230	330	-149	047	054	-416
230	177	-161	029	062	-411	230	236	-163	020	098	-254	230	331	-156	049	043	-442
230	178	-141	027	050	-231	230	237	-161	024	087	-276	230	332	-164	059	065	-540
230	179	-147	025	050	-254	230	238	-161	027	082	-306	230	333	-168	057	019	-559
230	180	-142	024	041	-242	230	239	-159	030	072	-299	230	334	-169	064	045	-538
230	181	-148	022	088	-258	230	240	-169	026	060	-266	230	335	-156	055	015	-513
230	182	-146	026	067	-306	230	241	-169	031	039	-285	230	336	-150	048	022	-518
230	183	-149	027	059	-306	230	242	-163	021	067	-250	230	337	-153	037	012	-360
230	184	-148	028	060	-301	230	243	-160	021	064	-240	230	338	-152	046	017	-451
230	185	-150	020	090	-216	230	244	-161	019	096	-245	230	339	-125	118	481	-726
230	186	-148	025	076	-240	230	245	-160	023	080	-259	230	340	-123	080	373	-490
230	187	-148	026	075	-256	230	246	-159	025	077	-250	230	341	-136	046	146	-425
230	188	-145	027	068	-259	230	247	-157	028	064	-277	230	342	-147	039	013	-529
230	189	-145	022	050	-250	230	248	-164	026	056	-292	230	343	-155	040	023	-420
230	190	-147	026	052	-265	230	249	-124	023	054	-253	230	344	-160	044	030	-449
230	191	-149	026	059	-292	230	250	-159	022	065	-268	230	345	-171	043	081	-443
230	201	-390	130	026	-990	230	251	-161	025	059	-273	230	346	-164	048	058	-469
230	202	-289	116	057	-757	230	252	-156	025	050	-247	230	347	-163	045	063	-465
230	203	-210	076	031	-564	230	253	-161	022	102	-256	230	348	-212	053	030	-455
230	204	-351	100	043	-940	230	254	-161	027	089	-281	230	349	-153	031	043	-391
230	205	-225	095	212	-654	230	255	-163	029	088	-298	230	350	-149	035	006	-455
230	206	-189	075	085	-648	230	301	-127	074	289	-436	230	351	-151	035	010	-485
230	207	-493	243	081	-2033	230	302	-121	098	554	-476	230	352	-165	052	007	-466
230	208	-510	213	011	-1637	230	303	-130	092	427	-589	230	353	-157	035	037	-432
230	209	-473	237	064	-1779	230	304	-142	083	382	-459	230	354	-149	035	004	-403
230	210	-348	141	096	-1187	230	305	-132	060	218	-396	230	355	-150	033	034	-520
230	211	-236	091	085	-871	230	306	-138	063	229	-559	230	356	-152	032	037	-349
230	212	-207	063	016	-504	230	307	-153	090	372	-602	230	357	-159	030	068	-338
230	213	-198	073	039	-530	230	308	-131	092	620	-485	230	358	-158	040	042	-465
230	214	-400	176	057	-1418	230	309	-157	076	394	-514	230	359	-159	039	019	-462
230	215	-322	116	050	-1039	230	310	-138	084	419	-460	230	360	-155	036	043	-509
230	216	-272	083	022	-772	230	311	-130	070	314	-358	230	361	-153	027	048	-324
230	217	-223	083	019	-696	230	312	-144	058	228	-375	230	362	-147	028	026	-302
230	218	-193	071	021	-552	230	313	-140	069	182	-710	230	363	-151	027	030	-325
230	219	-187	066	003	-481	230	314	-137	076	187	-628	230	364	-149	027	037	-316

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	365	-175	031	-084	-379	230	415	-226	091	089	-596	230	902	-193	129	205	-1542
230	366	-174	023	-113	-266	230	416	-198	078	201	-513	230	903	-181	103	156	-813
230	367	-172	026	-074	-304	230	417	-180	105	292	-577	230	904	-156	080	153	-514
230	368	-168	025	-090	-284	230	418	-198	122	376	-593	230	905	-177	055	021	-433
230	369	-165	025	-088	-391	230	419	-230	135	522	-874	230	906	-103	102	407	-488
230	370	-168	020	-083	-283	230	420	-244	119	499	-879	230	907	-120	117	610	-773
230	371	-168	023	-065	-319	230	421	-213	096	167	-844	230	908	-199	081	126	-583
230	372	-168	023	-071	-315	230	422	-207	097	191	-707	230	909	-146	042	019	-407
230	373	-164	022	-076	-316	230	423	-185	090	327	-382	230	910	-144	035	180	-536
230	374	-165	019	-088	-258	230	424	-163	076	161	-515	230	911	-157	049	063	-522
230	375	-165	023	-078	-300	230	425	-165	104	347	-636	230	912	-143	036	111	-427
230	376	-166	024	-067	-269	230	426	-181	118	465	-747	230	913	-166	059	084	-329
230	377	-161	024	-052	-255	230	427	-199	123	497	-932	230	914	-156	046	008	-389
230	378	-169	020	-100	-289	230	428	-191	032	-025	-654	230	915	-145	032	161	-429
230	379	-166	024	-067	-334	230	429	-192	064	025	-533	230	916	-137	059	139	-366
230	380	-166	025	-063	-321	230	430	-189	064	017	-635	230	3651	-166	033	-066	-329
230	381	-161	024	-058	-320	230	431	-190	065	056	-642	230	3652	-162	033	-061	-389
230	382	-166	019	-105	-260	230	432	-196	050	-008	-537	230	3653	-164	032	-070	-391
230	383	-164	022	-098	-287	230	433	-202	060	047	-636	230	3654	-164	026	-087	-394
230	384	-163	023	-098	-284	230	434	-213	066	064	-703	230	3655	-154	029	-069	-525
230	385	-160	024	-094	-279	230	435	-145	032	-022	-421	240	101	-186	074	035	-657
230	386	-168	020	-115	-245	230	436	-143	039	012	-512	240	102	-172	068	065	-525
230	387	-165	021	-106	-240	230	437	-140	039	062	-355	240	103	-190	076	077	-676
230	388	-165	022	-105	-238	230	438	-139	041	020	-377	240	104	-197	093	114	-728
230	389	-161	034	-060	-289	230	439	-149	029	032	-436	240	105	-213	078	041	-635
230	390	-143	023	-064	-229	230	440	-150	032	-051	-505	240	106	-271	113	079	-898
230	391	-143	024	-063	-290	230	441	-152	030	-058	-309	240	107	-189	089	102	-864
230	392	-141	023	-046	-226	230	442	-140	030	079	-240	240	108	-176	072	065	-529
230	393	-142	019	-084	-248	230	443	-131	026	-012	-300	240	109	-195	065	055	-533
230	394	-141	023	-054	-224	230	444	-125	032	054	-277	240	110	-194	080	061	-635
230	395	-143	023	-056	-220	230	445	-127	032	086	-273	240	111	-210	089	083	-613
230	396	-145	022	-074	-226	230	446	-139	024	-018	-259	240	112	-282	125	039	-1044
230	397	-147	018	-074	-211	230	701	-141	026	-022	-270	240	113	-171	069	039	-632
230	398	-144	022	-054	-214	230	702	-140	034	-003	-359	240	114	-168	078	096	-546
230	399	-143	022	-061	-220	230	703	-139	036	012	-445	240	115	-169	072	065	-507
230	400	-144	023	-072	-221	230	704	-142	034	016	-346	240	116	-170	070	043	-491
230	401	-238	120	-229	-807	230	705	-146	022	-062	-263	240	117	-175	062	021	-449
230	402	-214	140	-344	-1335	230	706	-145	024	-059	-244	240	118	-178	072	042	-593
230	403	-275	188	-606	-1225	230	801	-135	024	-068	-261	240	119	-181	074	034	-556
230	404	-254	078	-017	-599	230	802	-138	025	-065	-278	240	120	-183	078	025	-569
230	405	-197	112	-233	-660	230	803	-143	019	-084	-213	240	121	-187	069	035	-585
230	406	-262	161	-528	-1027	230	804	-141	021	-079	-227	240	122	-196	084	108	-664
230	407	-246	100	-035	-961	230	805	-136	023	-071	-230	240	123	-206	087	124	-692
230	408	-233	082	-000	-755	230	806	-137	024	-062	-237	240	124	-228	096	045	-931
230	409	-215	102	-158	-807	230	807	-144	018	-089	-208	240	125	-237	083	007	-719
230	410	-208	119	-378	-868	230	808	-137	024	-064	-229	240	126	-189	079	023	-617
230	411	-234	149	-333	-1192	230	809	-143	022	-063	-242	240	127	-185	078	025	-638
230	412	-258	154	-300	-1388	230	810	-135	027	-053	-266	240	128	-180	070	045	-586
230	413	-265	191	-619	-1410	230	811	-151	018	-092	-211	240	129	-174	048	014	-394
230	414	-229	094	-102	-686	230	901	-263	138	-191	-1209	240	130	-176	053	033	-434

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	131	352	107	059	927	290	181	135	024	044	223	290	240	156	025	047	251
290	132	398	131	108	003	290	182	142	033	010	310	290	241	155	030	039	286
290	133	410	132	109	109	290	183	152	035	044	356	290	242	160	027	073	298
290	134	337	096	087	808	290	184	155	036	034	352	290	243	158	026	072	260
290	135	242	081	083	575	290	185	136	021	065	218	290	244	159	026	047	277
290	136	247	125	225	724	290	186	137	028	039	268	290	245	150	031	006	313
290	137	414	145	095	982	290	187	152	032	008	303	290	246	145	030	019	298
290	138	350	227	584	168	290	188	169	034	062	315	290	247	135	028	002	297
290	139	244	070	023	762	290	189	143	031	005	251	290	248	134	025	016	283
290	140	238	068	030	654	290	190	148	034	018	281	290	249	126	024	036	237
290	141	256	068	030	669	290	191	154	032	034	267	290	250	156	031	008	270
290	142	291	095	037	860	290	201	291	081	006	738	290	251	147	028	016	283
290	143	305	081	095	759	290	202	241	064	021	614	290	252	141	027	036	280
290	144	309	099	003	862	290	203	219	057	055	506	290	253	140	023	060	236
290	145	342	093	068	943	290	204	295	068	122	709	290	254	136	027	042	249
290	146	340	105	079	996	290	205	233	061	065	521	290	255	133	027	044	252
290	147	307	083	054	702	290	206	222	055	028	541	290	301	128	235	514	364
290	148	254	065	055	517	290	207	246	082	004	689	290	302	083	100	361	709
290	149	295	098	040	758	290	208	236	068	021	617	290	303	287	087	164	675
290	150	447	155	099	280	290	209	235	093	042	111	290	304	636	141	264	1271
290	151	417	191	190	364	290	210	230	087	043	926	290	305	408	097	157	756
290	152	206	054	003	649	290	211	219	057	024	894	290	306	272	061	083	485
290	153	210	043	037	403	290	212	226	044	094	592	290	307	044	274	799	169
290	154	228	056	012	460	290	213	230	059	039	632	290	308	091	111	490	543
290	155	266	070	035	795	290	214	259	089	001	791	290	309	381	078	029	683
290	156	277	070	061	605	290	215	243	081	001	709	290	310	600	131	258	183
290	157	284	060	114	653	290	216	230	058	032	516	290	311	298	079	060	636
290	158	306	072	112	758	290	217	222	057	004	570	290	312	258	058	081	505
290	159	310	077	114	766	290	218	223	044	081	479	290	313	021	206	725	100
290	160	288	063	064	675	290	219	231	050	062	633	290	314	031	178	746	951
290	161	258	055	001	544	290	220	242	048	110	572	290	315	011	135	531	682
290	162	276	081	112	656	290	221	259	088	058	667	290	316	118	098	327	470
290	163	364	105	166	788	290	222	248	083	093	742	290	317	229	075	087	475
290	164	350	117	222	811	290	223	241	077	079	624	290	318	282	092	114	572
290	165	147	024	067	275	290	224	237	052	060	512	290	319	623	174	113	1499
290	166	148	028	055	270	290	225	225	047	060	587	290	320	176	188	447	729
290	167	157	030	042	301	290	226	234	056	065	834	290	321	744	230	196	1667
290	168	169	036	004	423	290	227	240	062	062	910	290	322	451	141	065	1071
290	169	186	032	067	345	290	228	277	070	078	604	290	323	360	107	062	834
290	170	196	041	053	382	290	229	264	083	029	882	290	324	282	092	098	766
290	171	209	049	030	452	290	230	258	081	035	861	290	325	248	065	044	586
290	172	242	062	067	610	290	231	234	062	066	649	290	326	025	276	873	1114
290	173	208	034	093	350	290	232	210	035	073	402	290	327	017	210	743	1039
290	174	168	043	011	387	290	233	202	043	055	419	290	328	017	124	532	524
290	175	144	053	094	411	290	234	207	049	026	484	290	329	131	075	221	390
290	176	190	060	071	440	290	235	190	054	024	573	290	330	265	084	092	572
290	177	170	053	003	495	290	236	184	037	054	422	290	331	358	096	017	749
290	178	165	035	042	291	290	237	179	043	026	429	290	332	601	160	083	1370
290	179	134	030	008	260	290	238	172	040	019	406	290	333	575	143	228	1105
290	180	130	029	016	227	290	239	159	033	047	337	290	334	539	164	150	1173

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	335	- .447	.145	- .012	-1 .085	290	385	- .165	.036	- .044	- .362	290	435	- .100	.048	- .150	- .302
290	336	- .359	.124	- .009	-1 .007	290	386	- .164	.030	- .031	- .319	290	436	- .104	.053	- .139	- .440
290	337	- .272	.072	- .012	- .569	290	387	- .161	.026	- .013	- .254	290	437	- .074	.057	- .159	- .412
290	338	- .253	.086	.042	- .697	290	388	- .155	.028	- .003	- .247	290	438	- .064	.064	- .163	- .442
290	339	- .010	.225	.794	-1 .036	290	389	- .156	.053	- .006	- .300	290	439	- .120	.053	- .099	- .519
290	340	- .001	.163	.714	- .748	290	390	- .190	.029	- .083	- .323	290	440	- .180	.062	- .041	- .542
290	341	- .059	.096	.453	- .371	290	391	- .194	.039	- .058	- .399	290	441	- .198	.060	- .024	- .588
290	342	- .167	.072	.179	- .522	290	392	- .182	.039	- .024	- .478	290	442	- .114	.048	- .147	- .276
290	343	- .270	.067	.054	- .544	290	393	- .173	.029	- .048	- .337	290	443	- .038	.051	- .183	- .211
290	344	- .339	.079	- .059	- .684	290	394	- .177	.028	- .073	- .271	290	444	- .020	.070	- .263	- .259
290	345	- .485	.109	- .194	- .969	290	395	- .177	.028	- .076	- .271	290	445	- .024	.083	- .317	- .293
290	346	- .449	.122	- .090	- .994	290	396	- .181	.027	- .039	- .289	290	446	- .107	.052	- .183	- .370
290	347	- .443	.139	- .127	-1 .089	290	397	- .177	.025	- .039	- .260	290	701	- .118	.039	- .062	- .246
290	348	- .360	.097	- .108	- .840	290	398	- .170	.035	- .001	- .307	290	702	- .102	.051	- .182	- .280
290	349	- .347	.104	- .027	- .771	290	399	- .157	.027	- .008	- .266	290	703	- .081	.061	- .221	- .360
290	350	- .295	.110	- .102	- .757	290	400	- .151	.027	- .047	- .256	290	704	- .106	.061	- .181	- .354
290	351	- .275	.101	- .044	- .692	290	401	- .044	.169	- .720	- .641	290	705	- .138	.040	- .036	- .307
290	352	- .142	.115	- .270	- .639	290	402	- .056	.178	- .832	- .541	290	706	- .159	.036	- .001	- .314
290	353	- .148	.057	.114	- .419	290	403	- .171	.223	1 .095	-1 .008	290	801	- .133	.024	- .033	- .268
290	354	- .167	.051	.094	- .402	290	404	- .163	.120	1 .359	- .578	290	802	- .135	.025	- .036	- .256
290	355	- .209	.048	.027	- .383	290	405	- .033	.185	1 .942	- .471	290	803	- .142	.022	- .064	- .223
290	356	- .268	.059	- .078	- .543	290	406	- .124	.237	1 .043	- .636	290	804	- .154	.029	- .009	- .259
290	357	- .333	.063	- .136	- .620	290	407	- .103	.211	1 .856	- .687	290	805	- .134	.026	- .049	- .227
290	358	- .447	.117	- .133	-1 .101	290	408	- .051	.152	1 .529	- .453	290	806	- .137	.029	- .034	- .251
290	359	- .415	.117	- .020	-1 .048	290	409	- .000	.176	1 .743	- .569	290	807	- .163	.022	- .071	- .234
290	360	- .451	.148	- .128	-1 .264	290	410	- .049	.166	1 .733	- .600	290	808	- .160	.031	- .042	- .295
290	361	- .342	.090	- .024	- .780	290	411	- .106	.169	1 .893	- .498	290	809	- .180	.031	- .053	- .300
290	362	- .292	.092	- .011	- .802	290	412	- .145	.158	1 .792	- .360	290	810	- .149	.035	- .009	- .285
290	363	- .281	.090	- .026	- .812	290	413	- .158	.212	1 .021	- .532	290	811	- .181	.023	- .092	- .269
290	364	- .282	.093	- .017	- .842	290	414	- .201	.224	1 .643	- .917	290	901	- .374	.213	- .035	-1 .523
290	365	- .230	.050	- .079	- .555	290	415	- .130	.197	1 .698	- .689	290	902	- .700	.237	- .052	-1 .921
290	366	- .220	.038	- .104	- .552	290	416	- .052	.145	1 .701	- .408	290	903	- .282	.060	- .097	- .527
290	367	- .208	.041	- .084	- .491	290	417	- .009	.149	1 .879	- .364	290	904	- .206	.074	- .037	- .713
290	368	- .224	.045	- .085	- .478	290	418	- .059	.133	1 .672	- .363	290	905	- .282	.102	- .032	- .982
290	369	- .225	.049	- .079	- .495	290	419	- .095	.148	1 .724	- .390	290	906	- .424	.088	- .040	- .820
290	370	- .239	.043	- .088	- .454	290	420	- .095	.134	1 .656	- .616	290	907	- .029	.164	- .524	- .776
290	371	- .250	.060	- .000	- .597	290	421	- .309	.136	1 .282	- .821	290	908	- .311	.131	- .164	- .792
290	372	- .234	.064	- .001	- .578	290	422	- .266	.118	1 .298	- .703	290	909	- .225	.036	- .116	- .451
290	373	- .239	.065	- .058	- .751	290	423	- .203	.098	1 .344	- .502	290	910	- .199	.040	- .073	- .407
290	374	- .201	.046	- .036	- .480	290	424	- .121	.067	1 .375	- .474	290	911	- .259	.084	- .060	- .778
290	375	- .185	.048	- .024	- .483	290	425	- .049	.080	1 .403	- .352	290	912	- .210	.040	- .076	- .406
290	376	- .184	.049	- .045	- .511	290	426	- .007	.097	1 .429	- .575	290	913	- .239	.043	- .037	- .448
290	377	- .185	.055	- .028	- .473	290	427	- .002	.124	1 .526	- .735	290	914	- .195	.068	- .157	- .570
290	378	- .212	.033	- .096	- .399	290	428	- .248	.058	1 .022	- .521	290	915	- .213	.058	- .026	- .540
290	379	- .205	.043	- .071	- .570	290	429	- .254	.076	1 .051	- .578	290	916	- .198	.074	- .028	- .606
290	380	- .202	.038	- .060	- .403	290	430	- .210	.066	1 .094	- .489	290	3651	- .258	.074	- .025	- .719
290	381	- .185	.035	- .037	- .325	290	431	- .161	.061	1 .071	- .410	290	3652	- .244	.071	- .017	- .751
290	382	- .181	.029	- .078	- .384	290	432	- .143	.055	1 .073	- .322	290	3653	- .251	.063	- .023	- .693
290	383	- .176	.035	- .047	- .390	290	433	- .131	.083	1 .196	- .611	290	3654	- .244	.051	- .092	- .544
290	384	- .170	.035	- .037	- .380	290	434	- .127	.108	1 .352	- .784	290	3655	- .234	.055	- .087	- .499

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	101	-309	.083	-.094	-.731	300	151	-.343	.161	-.489	-1.071	300	210	-.231	.055	-.065	-.700
300	102	-.343	.079	-.054	-.669	300	152	-.207	.057	-.010	-.529	300	211	-.234	.044	-.087	-.411
300	103	-.394	.086	-.163	-.774	300	153	-.202	.045	-.042	-.420	300	212	-.237	.041	-.098	-.435
300	104	-.231	.078	.060	-.666	300	154	-.215	.058	-.018	-.559	300	213	-.240	.054	-.064	-.520
300	105	-.161	.074	.176	-.533	300	155	-.243	.067	-.038	-.626	300	214	-.252	.066	-.017	-.638
300	106	-.210	.159	.367	-1.133	300	156	-.232	.075	-.008	-.836	300	215	-.243	.062	-.001	-.530
300	107	-.311	.093	-.097	-.769	300	157	-.296	.066	-.034	-.681	300	216	-.240	.046	-.089	-.467
300	108	-.355	.078	-.111	-.690	300	158	-.334	.089	-.039	-.949	300	217	-.237	.048	-.085	-.475
300	109	-.394	.075	-.175	-.731	300	159	-.347	.096	-.075	-1.010	300	218	-.239	.044	-.102	-.492
300	110	-.331	.063	-.074	-.607	300	160	-.312	.080	-.061	-.704	300	219	-.245	.034	-.093	-.532
300	111	-.213	.082	.112	-.626	300	161	-.277	.074	.064	-.679	300	220	-.252	.050	-.110	-.486
300	112	-.309	.158	.302	-.925	300	162	-.288	.100	.128	-.783	300	221	-.271	.079	-.021	-.643
300	113	-.256	.054	-.079	-.491	300	163	-.349	.118	.149	-.904	300	222	-.259	.074	-.001	-.560
300	114	-.270	.071	-.066	-.732	300	164	-.346	.141	.136	-.964	300	223	-.254	.070	-.019	-.579
300	115	-.295	.079	-.062	-.687	300	165	-.168	.031	-.033	-.351	300	224	-.240	.047	-.082	-.479
300	116	-.445	.132	-.121	-1.120	300	166	-.172	.036	-.038	-.420	300	225	-.237	.048	-.066	-.439
300	117	-.627	.194	-.217	-1.523	300	167	-.188	.040	-.029	-.557	300	226	-.255	.073	-.035	-.697
300	118	-.583	.185	-.161	-1.508	300	168	-.205	.044	-.029	-.489	300	227	-.261	.080	-.025	-.865
300	119	-.368	.230	-.312	-1.248	300	169	-.223	.041	-.087	-.481	300	228	-.269	.060	-.078	-.594
300	120	-.914	.313	-.181	-2.277	300	170	-.237	.054	-.086	-.613	300	229	-.258	.072	-.019	-.622
300	121	-.429	.109	.008	-.901	300	171	-.237	.062	-.033	-.699	300	230	-.252	.071	-.004	-.608
300	122	-.192	.106	.194	-.786	300	172	-.276	.082	-.032	-1.021	300	231	-.237	.059	-.035	-.921
300	123	-.127	.124	.248	-.838	300	173	-.235	.043	-.077	-.455	300	232	-.213	.036	-.073	-.488
300	124	-.237	.167	.317	-.995	300	174	-.194	.060	-.104	-.562	300	233	-.210	.050	-.043	-.535
300	125	-.007	.159	.531	-.602	300	175	-.170	.069	-.167	-.557	300	234	-.215	.058	-.035	-.709
300	126	-.251	.057	-.038	-.551	300	176	-.179	.077	-.216	-.622	300	235	-.212	.056	-.016	-.587
300	127	-.246	.060	-.040	-.579	300	177	-.172	.066	-.158	-.491	300	236	-.200	.042	-.090	-.403
300	128	-.263	.069	-.026	-.728	300	178	-.212	.041	-.065	-.383	300	237	-.194	.048	-.059	-.450
300	129	-.391	.111	-.079	-1.044	300	179	-.148	.036	-.002	-.301	300	238	-.187	.044	-.071	-.446
300	130	-.513	.160	-.089	-1.199	300	180	-.146	.035	-.004	-.289	300	239	-.171	.036	-.034	-.309
300	131	-.564	.166	-.102	-1.251	300	181	-.154	.030	-.019	-.309	300	240	-.171	.029	-.069	-.288
300	132	-.718	.230	-.003	-1.497	300	182	-.172	.039	-.033	-.431	300	241	-.172	.035	-.038	-.332
300	133	-.736	.187	-.249	-1.479	300	183	-.188	.041	-.047	-.453	300	242	-.173	.029	-.014	-.301
300	134	-.495	.126	-.066	-.975	300	184	-.195	.042	-.054	-.473	300	243	-.170	.028	-.006	-.279
300	135	-.235	.104	.088	-.746	300	185	-.191	.027	-.033	-.265	300	244	-.167	.029	-.056	-.338
300	136	-.168	.137	.305	-.767	300	186	-.161	.036	-.033	-.297	300	245	-.163	.035	-.008	-.402
300	137	-.295	.165	.237	-.968	300	187	-.184	.042	-.019	-.324	300	246	-.157	.035	-.045	-.371
300	138	-.119	.211	.531	-1.057	300	188	-.207	.041	-.044	-.393	300	247	-.146	.034	-.016	-.345
300	139	-.238	.066	-.023	-.714	300	189	-.154	.045	-.035	-.319	300	248	-.148	.029	-.022	-.288
300	140	-.232	.070	.024	-.598	300	190	-.165	.046	-.021	-.348	300	249	-.135	.032	-.025	-.406
300	141	-.244	.068	.032	-.578	300	191	-.172	.042	-.011	-.337	300	250	-.171	.029	-.024	-.273
300	142	-.315	.109	-.005	-.972	300	201	-.268	.062	-.097	-.617	300	251	-.158	.027	-.060	-.252
300	143	-.375	.110	-.094	-.867	300	202	-.235	.049	-.067	-.473	300	252	-.151	.028	-.047	-.274
300	144	-.412	.144	-.065	-1.100	300	203	-.237	.055	-.042	-.503	300	253	-.151	.024	-.066	-.249
300	145	-.501	.167	-.079	-1.358	300	204	-.274	.053	-.145	-.493	300	254	-.147	.028	-.022	-.260
300	146	-.551	.190	-.117	-1.618	300	205	-.237	.048	-.095	-.498	300	255	-.143	.029	-.020	-.270
300	147	-.407	.116	.048	-1.108	300	206	-.246	.054	-.054	-.491	300	301	-.486	.253	.267	-1.357
300	148	-.261	.092	.093	-.605	300	207	-.248	.067	-.008	-.608	300	302	-.220	.127	.233	-1.043
300	149	-.293	.104	.161	-.713	300	208	-.236	.052	-.062	-.527	300	303	-.325	.097	.055	-.865
300	150	-.380	.150	.327	-1.005	300	209	-.234	.061	-.038	-.524	300	304	-.545	.136	-.181	-1.162

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN							
300	305	-	374	0.67	-	210	-	651	300	355	-	184	0.60	142	-	359	300	405	-	009	199	815	-	606
300	306	-	274	0.57	-	095	-	531	300	356	-	258	0.69	009	-	502	300	406	-	083	200	766	-	675
300	307	-	464	3.56	-	670	-	767	300	357	-	334	0.61	090	-	595	300	407	-	095	261	899	-	748
300	308	-	232	1.26	-	280	-	716	300	358	-	488	1.04	173	-	969	300	408	-	098	184	704	-	534
300	309	-	382	0.73	-	147	-	744	300	359	-	434	1.16	062	-	901	300	409	-	137	232	934	-	658
300	310	-	314	1.21	-	191	-	174	300	360	-	511	1.35	178	-	124	300	410	-	155	253	977	-	827
300	311	-	306	0.72	-	082	-	668	300	361	-	363	0.86	027	-	766	300	411	-	103	231	121	-	717
300	312	-	259	0.51	-	076	-	504	300	362	-	301	0.91	004	-	718	300	412	-	071	169	778	-	457
300	313	-	281	2.03	-	412	-	1374	300	363	-	272	0.86	040	-	731	300	413	-	019	196	934	-	848
300	314	-	247	2.33	-	455	-	159	300	364	-	263	0.82	007	-	604	300	414	-	042	243	807	-	997
300	315	-	205	1.87	-	346	-	414	300	365	-	240	0.59	089	-	643	300	415	-	009	250	778	-	744
300	316	-	211	1.17	-	162	-	899	300	366	-	224	0.43	113	-	484	300	416	-	057	214	960	-	580
300	317	-	278	0.80	-	059	-	791	300	367	-	217	0.44	105	-	482	300	417	-	074	251	1050	-	632
300	318	-	306	0.88	-	044	-	862	300	368	-	231	0.45	047	-	446	300	418	-	042	214	1018	-	519
300	319	-	484	1.21	-	198	-	156	300	369	-	236	0.49	014	-	456	300	419	-	003	182	749	-	836
300	320	-	309	1.19	-	314	-	711	300	370	-	258	0.44	012	-	473	300	420	-	048	145	590	-	758
300	321	-	504	1.33	-	174	-	141	300	371	-	275	0.59	059	-	506	300	421	-	268	159	447	-	848
300	322	-	357	0.91	-	047	-	794	300	372	-	255	0.64	017	-	518	300	422	-	252	148	431	-	863
300	323	-	301	0.76	-	055	-	658	300	373	-	270	0.68	011	-	653	300	423	-	218	136	525	-	692
300	324	-	261	0.71	-	033	-	749	300	374	-	216	0.42	059	-	403	300	424	-	166	092	285	-	501
300	325	-	252	0.51	-	078	-	502	300	375	-	199	0.46	032	-	402	300	425	-	104	096	273	-	608
300	326	-	256	2.66	-	780	-	424	300	376	-	201	0.50	022	-	590	300	426	-	085	122	463	-	095
300	327	-	233	2.70	-	706	-	417	300	377	-	201	0.54	011	-	688	300	427	-	111	182	493	-	127
300	328	-	161	1.94	-	589	-	044	300	378	-	216	0.33	095	-	421	300	428	-	252	085	128	-	633
300	329	-	181	0.97	-	191	-	583	300	379	-	212	0.43	078	-	469	300	429	-	248	104	197	-	708
300	330	-	265	0.92	-	099	-	776	300	380	-	213	0.43	055	-	430	300	430	-	211	098	243	-	659
300	331	-	322	0.88	-	028	-	792	300	381	-	195	0.46	064	-	403	300	431	-	165	089	170	-	589
300	332	-	477	1.09	-	109	-	920	300	382	-	195	0.33	092	-	361	300	432	-	147	074	197	-	432
300	333	-	444	0.95	-	120	-	855	300	383	-	189	0.39	046	-	439	300	433	-	144	105	252	-	924
300	334	-	470	1.16	-	090	-	094	300	384	-	182	0.37	027	-	402	300	434	-	154	143	307	-	182
300	335	-	385	1.03	-	067	-	891	300	385	-	174	0.37	024	-	339	300	435	-	137	064	304	-	385
300	336	-	322	0.91	-	147	-	837	300	386	-	178	0.33	046	-	382	300	436	-	134	074	405	-	434
300	337	-	265	0.60	-	010	-	563	300	387	-	173	0.28	059	-	279	300	437	-	122	075	411	-	498
300	338	-	246	0.64	-	044	-	524	300	388	-	166	0.29	047	-	270	300	438	-	126	078	280	-	508
300	339	-	014	2.43	-	723	-	409	300	389	-	166	0.46	004	-	309	300	439	-	167	069	026	-	601
300	340	-	009	1.98	-	696	-	920	300	390	-	197	0.31	079	-	330	300	440	-	196	076	025	-	687
300	341	-	009	1.36	-	490	-	597	300	391	-	201	0.42	035	-	407	300	441	-	206	071	029	-	569
300	342	-	118	1.23	-	336	-	677	300	392	-	194	0.45	008	-	456	300	442	-	133	067	171	-	340
300	343	-	238	1.07	-	264	-	874	300	393	-	187	0.34	067	-	381	300	443	-	081	056	200	-	251
300	344	-	317	1.03	-	159	-	032	300	394	-	178	0.29	059	-	304	300	444	-	073	069	313	-	304
300	345	-	512	0.99	-	157	-	938	300	395	-	178	0.29	057	-	301	300	445	-	092	070	497	-	332
300	346	-	428	1.22	-	117	-	947	300	396	-	189	0.29	059	-	329	300	446	-	142	047	155	-	358
300	347	-	526	1.45	-	155	-	234	300	397	-	182	0.28	040	-	299	300	701	-	137	051	105	-	350
300	348	-	368	0.83	-	101	-	770	300	398	-	173	0.38	001	-	378	300	702	-	130	062	159	-	399
300	349	-	332	0.95	-	052	-	830	300	399	-	163	0.30	016	-	289	300	703	-	126	069	154	-	460
300	350	-	281	0.98	-	082	-	728	300	400	-	158	0.30	012	-	271	300	704	-	144	064	126	-	450
300	351	-	264	0.89	-	050	-	682	300	401	-	120	0.23	070	-	760	300	705	-	166	040	049	-	374
300	352	-	104	1.08	-	356	-	744	300	402	-	129	0.21	894	-	634	300	706	-	172	036	009	-	337
300	353	-	121	0.65	-	167	-	379	300	403	-	075	0.27	959	-	782	300	801	-	137	032	012	-	253
300	354	-	138	0.66	-	180	-	408	300	404	-	121	0.157	475	-	739	300	802	-	141	031	023	-	285

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	803	156	024	062	313	310	121	455	095	136	795	310	171	255	103	224	787
300	804	161	030	049	354	310	122	142	094	160	616	310	172	471	205	062	508
300	805	147	034	023	326	310	123	053	110	336	548	310	173	314	066	022	704
300	806	161	038	021	294	310	124	139	155	341	870	310	174	172	078	175	498
300	807	173	024	081	262	310	125	084	153	706	565	310	175	109	096	363	429
300	808	191	040	075	430	310	126	247	047	105	570	310	176	100	102	343	465
300	809	198	033	035	335	310	127	250	050	072	521	310	177	051	109	461	380
300	810	159	048	032	423	310	128	287	066	052	698	310	178	279	059	092	495
300	811	183	025	081	274	310	129	460	131	188	096	310	179	185	040	037	403
300	901	385	168	032	1237	310	130	601	180	183	299	310	180	179	040	024	343
300	902	749	242	059	1809	310	131	667	196	196	449	310	181	191	034	074	343
300	903	302	055	102	577	310	132	865	252	114	737	310	182	217	043	025	422
300	904	392	185	022	1223	310	133	893	229	291	794	310	183	239	048	087	465
300	905	567	199	099	1311	310	134	549	132	151	005	310	184	248	052	090	488
300	906	411	082	115	832	310	135	182	096	156	553	310	185	183	032	066	301
300	907	264	198	395	1103	310	136	054	130	403	636	310	186	192	043	006	374
300	908	388	161	362	1180	310	137	103	154	368	707	310	187	218	058	036	434
300	909	255	044	120	455	310	138	104	197	815	778	310	188	259	057	106	524
300	910	216	042	077	450	310	139	235	059	045	748	310	189	172	048	121	356
300	911	438	143	084	957	310	140	241	067	007	776	310	190	188	048	086	371
300	912	236	051	043	533	310	141	292	083	001	709	310	191	196	046	054	387
300	913	257	042	117	526	310	142	425	154	143	251	310	201	250	052	038	475
300	914	255	064	004	625	310	143	537	162	199	168	310	202	232	041	095	460
300	915	244	057	040	497	310	144	603	197	148	427	310	203	239	052	072	609
300	916	244	064	040	528	310	145	804	274	195	051	310	204	255	042	112	475
300	651	253	079	027	668	310	146	852	290	211	207	310	205	245	043	099	423
300	652	239	080	028	667	310	147	530	157	014	165	310	206	254	051	081	491
300	653	246	070	061	646	310	148	184	090	125	514	310	207	252	058	044	491
300	654	244	055	097	566	310	149	106	120	241	535	310	208	244	047	112	493
300	655	237	062	087	564	310	150	102	178	542	745	310	209	246	053	083	517
310	101	302	074	087	961	310	151	013	215	671	684	310	210	235	045	079	439
310	102	376	092	057	1167	310	152	214	045	055	419	310	211	233	042	081	463
310	103	485	127	125	004	310	153	222	044	036	472	310	212	235	036	119	400
310	104	227	106	086	791	310	154	246	062	021	687	310	213	236	048	090	444
310	105	134	089	206	670	310	155	323	093	074	931	310	214	255	047	065	476
310	106	147	136	416	975	310	156	418	128	010	067	310	215	251	045	066	686
310	107	300	071	094	714	310	157	509	143	153	326	310	216	243	035	131	414
310	108	373	073	112	670	310	158	697	292	029	865	310	217	238	036	125	393
310	109	451	093	224	969	310	159	755	295	125	888	310	218	227	035	113	362
310	110	393	082	065	785	310	160	490	168	017	163	310	219	231	040	092	427
310	111	276	104	087	819	310	161	197	083	089	555	310	220	234	036	121	471
310	112	367	166	171	115	310	162	110	117	335	581	310	221	261	051	087	526
310	113	262	055	092	712	310	163	082	155	463	638	310	222	248	049	074	512
310	114	277	070	009	710	310	164	018	177	748	586	310	223	245	047	088	489
310	115	331	085	079	848	310	165	195	035	069	356	310	224	239	034	142	391
310	116	493	123	136	965	310	166	200	042	008	409	310	225	226	037	099	393
310	117	591	154	195	1260	310	167	215	048	010	507	310	226	223	047	059	571
310	118	532	131	123	1208	310	168	245	058	019	526	310	227	226	051	037	571
310	119	310	249	466	1141	310	169	290	059	093	588	310	228	248	045	103	459
310	120	008	296	188	032	310	170	339	093	109	907	310	229	237	052	055	517

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	230	-228	051	-045	-559	310	325	-244	045	-099	-493	310	375	-222	045	-038	-468
310	231	-223	043	-068	-425	310	326	-453	182	045	-1274	310	376	-219	045	-045	-552
310	232	-212	029	-094	-402	310	327	-461	204	074	-1352	310	377	-212	046	-024	-473
310	233	-212	042	-097	-432	310	328	-428	219	098	-1502	310	378	-230	040	-119	-422
310	234	-211	046	-088	-485	310	329	-389	118	066	-912	310	379	-214	040	-076	-401
310	235	-216	041	-029	-409	310	330	-284	161	167	-1062	310	380	-218	040	-079	-418
310	236	-210	034	-077	-383	310	331	-296	094	091	-977	310	381	-213	041	-070	-422
310	237	-209	039	-032	-382	310	332	-345	083	029	-768	310	382	-212	037	-085	-451
310	238	-205	035	-058	-369	310	333	-319	069	015	-655	310	383	-215	043	-049	-403
310	239	-194	033	-083	-327	310	334	-357	076	-095	-788	310	384	-212	044	-068	-421
310	240	-196	030	-085	-322	310	335	-300	064	-049	-674	310	385	-206	043	-011	-412
310	241	-197	037	-065	-360	310	336	-273	058	-034	-613	310	386	-202	032	-035	-388
310	242	-197	032	-053	-296	310	337	-253	043	-106	-445	310	387	-199	032	-063	-314
310	243	-195	031	-052	-299	310	338	-248	047	-085	-466	310	388	-195	032	-047	-303
310	244	-194	030	-066	-327	310	339	-408	279	553	-1775	310	389	-194	044	-001	-358
310	245	-190	036	-052	-366	310	340	-385	285	641	-1857	310	390	-202	049	-041	-438
310	246	-188	037	-034	-390	310	341	-308	184	283	-1251	310	391	-198	037	-042	-341
310	247	-186	039	-061	-368	310	342	-231	109	304	-1005	310	392	-192	036	-066	-347
310	248	-191	036	-061	-391	310	343	-250	086	165	-657	310	393	-195	028	-073	-294
310	249	-173	034	-050	-310	310	344	-274	084	131	-683	310	394	-099	057	-179	-254
310	250	-196	033	-019	-317	310	345	-343	073	010	-672	310	395	-098	058	-181	-249
310	251	-187	034	-029	-311	310	346	-299	088	112	-629	310	396	-191	034	-058	-329
310	252	-178	035	-009	-320	310	347	-374	100	039	-886	310	397	-192	026	-097	-303
310	253	-181	031	-064	-333	310	348	-307	066	-062	-776	310	398	-191	031	-067	-323
310	254	-181	037	-033	-349	310	349	-268	050	-104	-505	310	399	-193	034	-033	-318
310	255	-184	038	-024	-335	310	350	-255	051	-072	-489	310	400	-186	034	-047	-320
310	301	-687	227	-053	-1657	310	351	-251	050	-094	-554	310	401	-204	230	1081	-669
310	302	-376	175	-157	-1312	310	352	-313	176	230	-1645	310	402	-195	259	1085	-706
310	303	-347	136	-305	-1528	310	353	-298	151	046	-1766	310	403	-088	233	882	-700
310	304	-388	113	-043	-1111	310	354	-248	143	309	-1419	310	404	-212	172	600	-761
310	305	-307	071	-084	-769	310	355	-207	066	098	-688	310	405	-105	204	825	-807
310	306	-265	073	-026	-821	310	356	-229	067	211	-460	310	406	-236	190	760	-817
310	307	-683	332	-206	-2309	310	357	-254	061	071	-503	310	407	-150	242	1095	-632
310	308	-379	154	-039	-1139	310	358	-324	086	095	-758	310	408	-159	181	705	-567
310	309	-369	104	-053	-905	310	359	-283	092	170	-717	310	409	-191	232	952	-673
310	310	-392	118	-067	-935	310	360	-358	101	-050	-932	310	410	-216	264	994	-615
310	311	-300	080	-044	-732	310	361	-272	055	-050	-546	310	411	-141	262	966	-696
310	312	-258	059	-093	-634	310	362	-248	054	-065	-594	310	412	-041	188	728	-448
310	313	-460	148	-010	-1372	310	363	-236	049	-041	-544	310	413	-058	196	832	-692
310	314	-464	190	-187	-1499	310	364	-236	047	-041	-502	310	414	-140	239	828	-792
310	315	-448	210	-221	-1956	310	365	-263	121	-016	-1457	310	415	-184	261	866	-694
310	316	-345	155	-114	-1391	310	366	-238	067	-080	-760	310	416	-187	228	881	-416
310	317	-308	092	-004	-905	310	367	-223	068	-041	-728	310	417	-178	279	1041	-518
310	318	-308	100	-005	-915	310	368	-226	042	-055	-463	310	418	-085	255	1123	-633
310	319	-352	089	-094	-967	310	369	-227	046	-065	-480	310	419	-024	205	853	-603
310	320	-303	096	-074	-961	310	370	-248	041	-007	-454	310	420	-133	127	541	-539
310	321	-357	079	-106	-767	310	371	-257	051	-071	-482	310	421	-003	215	726	-615
310	322	-294	068	-052	-671	310	372	-249	056	-041	-468	310	422	-005	229	753	-765
310	323	-270	065	-026	-674	310	373	-255	055	-073	-567	310	423	-014	230	791	-567
310	324	-252	060	-036	-676	310	374	-231	041	-051	-493	310	424	-029	159	596	-487

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	425	-070	137	677	-502	310	912	-281	075	-050	-700	320	141	-310	071	-093	-877
310	426	-120	121	529	-726	310	913	-244	052	-043	-459	320	142	-447	139	-143	-110
310	427	-183	140	350	-980	310	914	-290	071	-055	-646	320	143	-605	150	-222	-1301
310	428	-079	136	502	-546	310	915	-250	054	-041	-491	320	144	-716	182	-117	-1640
310	429	-072	159	682	-603	310	916	-247	063	-017	-622	320	145	-125	287	-361	-124
310	430	-068	154	640	-594	310	3651	-290	122	-005	-1358	320	146	-148	319	-290	-2335
310	431	-075	131	658	-565	310	3652	-288	139	-019	-1657	320	147	-644	166	-111	-1301
310	432	-093	093	463	-450	310	3653	-281	139	-005	-1549	320	148	-140	073	-254	-395
310	433	-141	096	369	-713	310	3654	-288	129	-085	-1686	320	149	-007	083	-347	-353
310	434	-192	113	157	-948	310	3655	-219	063	-079	-685	320	150	006	159	-462	-666
310	435	-034	100	354	-451	320	101	-309	077	-026	-769	320	151	-207	142	-706	-477
310	436	-032	119	495	-472	320	102	-421	104	-053	-872	320	152	-246	043	-033	-562
310	437	-047	115	526	-463	320	103	-565	146	-192	-1250	320	153	-261	050	-058	-582
310	438	-049	104	510	-494	320	104	-285	154	-168	-877	320	154	-289	074	-092	-755
310	439	-073	072	330	-510	320	105	-091	106	-328	-727	320	155	-494	114	-151	-1044
310	440	-114	068	268	-441	320	106	-081	138	-480	-737	320	156	-550	132	-193	-1322
310	441	-143	061	158	-435	320	107	-318	079	-067	-688	320	157	-648	127	-304	-1275
310	442	-077	105	434	-331	320	108	-410	092	-074	-873	320	158	-1011	262	-313	-1174
310	443	-024	091	401	-261	320	109	-501	095	-250	-902	320	159	-051	276	-317	-1337
310	444	-016	104	505	-268	320	110	-457	087	-186	-795	320	160	-644	161	-143	-1282
310	445	-028	099	494	-249	320	111	-336	112	-070	-884	320	161	-178	074	-111	-496
310	446	-092	066	201	-276	320	112	-475	156	-115	-1026	320	162	-022	088	-355	-447
310	701	-081	088	330	-318	320	113	-265	054	-110	-698	320	163	-019	149	-524	-698
310	702	-072	093	445	-335	320	114	-281	070	-008	-681	320	164	-185	142	-766	-349
310	703	-065	085	485	-359	320	115	-349	092	-033	-855	320	165	-239	033	-122	-379
310	704	-076	077	425	-385	320	116	-493	109	-167	-956	320	166	-241	040	-094	-462
310	705	-113	047	121	-278	320	117	-518	112	-186	-970	320	167	-256	049	-085	-587
310	706	-159	047	055	-340	320	118	-479	097	-193	-945	320	168	-307	070	-114	-602
310	801	-175	036	-040	-327	320	119	-194	274	-487	-1353	320	169	-403	074	-196	-836
310	802	-175	036	-040	-304	320	120	-1072	259	-040	-2104	320	170	-498	103	-139	-955
310	803	-173	028	-069	-285	320	121	-410	095	-036	-764	320	171	-298	155	-203	-935
310	804	-185	035	-043	-321	320	122	-082	094	-373	-366	320	172	-830	210	-208	-1773
310	805	-177	038	-037	-334	320	123	-008	106	-423	-315	320	173	-465	089	-196	-815
310	806	-187	042	-048	-406	320	124	-058	167	-488	-920	320	174	-151	071	-149	-511
310	807	-198	029	-083	-299	320	125	-158	129	-569	-260	320	175	-009	074	-369	-327
310	808	-246	055	-067	-568	320	126	-265	044	-105	-615	320	176	-043	092	-577	-356
310	809	-193	033	-018	-313	320	127	-272	045	-104	-558	320	177	-118	090	-546	-136
310	810	-178	048	-046	-376	320	128	-307	058	-134	-746	320	178	-363	069	-145	-632
310	811	-124	040	-046	-235	320	129	-420	092	-208	-993	320	179	-220	035	-072	-368
310	901	-636	235	-092	-1324	320	130	-588	153	-270	-1293	320	180	-205	036	-043	-378
310	902	-814	216	-001	-1668	320	131	-707	166	-347	-1458	320	181	-215	030	-073	-358
310	903	-296	087	-011	-741	320	132	-137	238	-435	-1841	320	182	-232	043	-088	-435
310	904	-630	232	-002	-1408	320	133	-149	239	-516	-2087	320	183	-260	056	-013	-566
310	905	-753	211	-185	-1642	320	134	-615	141	-173	-1136	320	184	-291	065	-010	-648
310	906	-357	110	-067	-927	320	135	-117	092	-266	-386	320	185	-216	027	-136	-316
310	907	-439	199	-153	-1163	320	136	-058	105	-479	-282	320	186	-198	037	-053	-349
310	908	-503	169	-233	-1151	320	137	-019	161	-502	-715	320	187	-188	071	-133	-457
310	909	-290	056	-075	-595	320	138	-258	154	-881	-242	320	188	-340	073	-117	-777
310	910	-230	047	-062	-509	320	139	-265	061	-026	-852	320	189	-144	047	-040	-327
310	911	-602	179	-078	-1355	320	140	-269	064	-027	-674	320	190	-163	046	-009	-349

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	191	-174	.046	-0.19	-.392	320	250	-.298	.041	-1.74	-.460	320	345	-.378	.087	-.048	-.771
320	201	-.290	.070	-.023	-.645	320	251	-.261	.034	-.155	-.413	320	346	-.363	.104	-.043	-.865
320	202	-.262	.049	-.088	-.538	320	252	-.250	.032	-.165	-.376	320	347	-.356	.089	-.092	-.937
320	203	-.281	.064	-.092	-.644	320	253	-.248	.026	-.170	-.345	320	348	-.314	.053	-.155	-.628
320	204	-.307	.065	-.141	-.792	320	254	-.243	.033	-.150	-.363	320	349	-.292	.047	-.138	-.601
320	205	-.277	.051	-.085	-.496	320	255	-.241	.034	-.145	-.363	320	350	-.275	.045	-.107	-.493
320	206	-.298	.059	-.113	-.577	320	301	-.812	.233	-.213	-1.799	320	351	-.270	.040	-.130	-.479
320	207	-.292	.085	-.002	-1.057	320	302	-.517	.191	-.048	-1.783	320	352	-.590	.180	-.096	-1.910
320	208	-.284	.059	-.092	-.730	320	303	-.500	.214	-.217	-1.803	320	353	-.600	.157	-.228	-1.743
320	209	-.278	.065	-.059	-.778	320	304	-.437	.173	-.031	-1.377	320	354	-.588	.207	-.096	-1.905
320	210	-.268	.048	-.097	-.481	320	305	-.384	.125	-.092	-1.360	320	355	-.362	.140	-.404	-.949
320	211	-.261	.043	-.103	-.489	320	306	-.351	.133	-.043	-1.516	320	356	-.278	.104	-.221	-.714
320	212	-.262	.043	-.125	-.471	320	307	-.613	.259	-.036	-1.926	320	357	-.300	.075	-.080	-.579
320	213	-.262	.055	-.061	-.636	320	308	-.506	.163	-.066	-1.548	320	358	-.375	.093	-.097	-.795
320	214	-.285	.059	-.072	-.657	320	309	-.504	.170	-.000	-1.714	320	359	-.309	.096	-.058	-.773
320	215	-.277	.052	-.087	-.549	320	310	-.417	.147	-.098	-1.157	320	360	-.383	.091	-.138	-.848
320	216	-.270	.038	-.136	-.531	320	311	-.356	.134	-.101	-1.112	320	361	-.319	.058	-.155	-.601
320	217	-.260	.039	-.135	-.458	320	312	-.325	.105	-.019	-1.003	320	362	-.292	.058	-.074	-.625
320	218	-.256	.038	-.145	-.419	320	313	-.480	.115	-.191	-1.026	320	363	-.277	.051	-.094	-.580
320	219	-.256	.040	-.130	-.410	320	314	-.493	.142	-.121	-1.187	320	364	-.269	.046	-.089	-.524
320	220	-.255	.033	-.143	-.423	320	315	-.529	.167	-.019	-1.411	320	365	-.799	.315	-.018	-2.505
320	221	-.278	.039	-.139	-.439	320	316	-.497	.194	-.115	-1.706	320	366	-.487	.162	-.053	-1.300
320	222	-.272	.037	-.152	-.439	320	317	-.439	.145	-.058	-1.212	320	367	-.418	.141	-.041	-1.063
320	223	-.269	.036	-.163	-.408	320	318	-.420	.169	-.125	-1.207	320	368	-.289	.060	-.046	-.597
320	224	-.265	.028	-.182	-.370	320	319	-.396	.146	-.127	-1.250	320	369	-.295	.057	-.124	-.554
320	225	-.253	.031	-.144	-.410	320	320	-.404	.179	-.169	-1.377	320	370	-.324	.053	-.136	-.539
320	226	-.251	.034	-.129	-.439	320	321	-.381	.112	-.061	-.895	320	371	-.347	.080	-.102	-.697
320	227	-.252	.035	-.119	-.496	320	322	-.332	.112	-.008	-.872	320	372	-.324	.080	-.067	-.719
320	228	-.291	.041	-.162	-.508	320	323	-.306	.098	-.038	-.790	320	373	-.338	.080	-.074	-.732
320	229	-.282	.044	-.116	-.529	320	324	-.287	.087	-.028	-.813	320	374	-.286	.048	-.091	-.547
320	230	-.277	.042	-.136	-.483	320	325	-.280	.060	-.104	-.730	320	375	-.272	.049	-.083	-.500
320	231	-.268	.037	-.150	-.478	320	326	-.461	.129	-.079	-1.284	320	376	-.278	.046	-.098	-.478
320	232	-.258	.031	-.157	-.374	320	327	-.475	.133	-.068	-1.396	320	377	-.283	.048	-.056	-.488
320	233	-.253	.039	-.127	-.422	320	328	-.503	.153	-.037	-1.342	320	378	-.353	.052	-.149	-.615
320	234	-.254	.042	-.111	-.474	320	329	-.507	.140	-.048	-1.108	320	379	-.260	.063	-.053	-.489
320	235	-.286	.049	-.155	-.516	320	330	-.451	.153	-.148	-1.187	320	380	-.293	.055	-.072	-.587
320	236	-.278	.035	-.177	-.434	320	331	-.441	.155	-.164	-1.055	320	381	-.338	.055	-.196	-.600
320	237	-.272	.039	-.150	-.430	320	332	-.416	.140	-.198	-1.029	320	382	-.351	.054	-.201	-.558
320	238	-.263	.037	-.158	-.407	320	333	-.415	.128	-.075	-1.081	320	383	-.304	.049	-.161	-.527
320	239	-.251	.035	-.147	-.371	320	334	-.379	.116	-.067	-1.007	320	384	-.291	.045	-.083	-.470
320	240	-.246	.027	-.170	-.356	320	335	-.323	.085	-.070	-.669	320	385	-.283	.043	-.109	-.452
320	241	-.244	.033	-.147	-.374	320	336	-.292	.068	-.101	-.578	320	386	-.271	.033	-.172	-.419
320	242	-.287	.035	-.161	-.413	320	337	-.283	.049	-.131	-.701	320	387	-.275	.035	-.164	-.406
320	243	-.288	.036	-.183	-.419	320	338	-.266	.050	-.099	-.710	320	388	-.268	.036	-.124	-.405
320	244	-.264	.032	-.138	-.458	320	339	-.506	.140	-.072	-1.447	320	389	-.267	.041	-.094	-.412
320	245	-.258	.036	-.139	-.417	320	340	-.514	.145	-.030	-1.814	320	390	-.282	.086	-.036	-.628
320	246	-.251	.034	-.150	-.381	320	341	-.534	.123	-.107	-1.343	320	391	-.253	.049	-.069	-.448
320	247	-.241	.034	-.117	-.371	320	342	-.499	.152	-.018	-1.344	320	392	-.233	.046	-.051	-.404
320	248	-.254	.030	-.162	-.371	320	343	-.426	.140	-.123	-1.223	320	393	-.246	.035	-.122	-.400
320	249	-.237	.033	-.136	-.362	320	344	-.397	.130	-.092	-1.116	320	394	-.020	.068	-.408	-.199

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
320	395	.023	.070	.399	-.199	320	445	.163	.111	.801	-.120	330	111	-.380	.126	.031	-.892
320	396	-.242	.047	-.063	-.427	320	446	-.005	.075	.462	-.252	330	112	-.427	.159	-.149	-.855
320	397	-.240	.029	-.148	-.339	320	701	.024	.079	.330	-.231	330	113	-.245	.035	-.108	-.418
320	398	-.263	.033	-.161	-.400	320	702	.083	.079	.415	-.244	330	114	-.250	.046	-.070	-.479
320	399	-.273	.035	-.173	-.453	320	703	.086	.078	.413	-.148	330	115	-.295	.069	-.074	-.717
320	400	-.268	.035	-.157	-.445	320	704	.055	.077	.433	-.171	330	116	-.397	.101	-.103	-.867
320	401	.356	.158	.984	-.279	320	705	-.033	.057	.316	-.221	330	117	-.424	.085	-.159	-.763
320	402	.332	.188	.883	-.541	320	706	-.214	.082	.134	-.616	330	118	-.420	.076	-.156	-.718
320	403	.197	.188	.799	-.666	320	801	-.223	.031	-.125	-.356	330	119	-.300	.287	-.774	-1.014
320	404	.437	.159	.222	-.967	320	802	-.235	.032	-.119	-.359	330	120	-.930	.271	-.184	-1.814
320	405	-.294	.157	.556	-.901	320	803	-.241	.029	-.151	-.339	330	121	-.281	.102	-.156	-.621
320	406	.421	.140	.259	-1.070	320	804	-.268	.040	-.127	-.443	330	122	.008	.115	.467	-.342
320	407	.246	.189	.932	-.386	320	805	-.206	.036	-.060	-.349	330	123	.087	.126	.550	-.312
320	408	.187	.125	.615	-.279	320	806	-.197	.045	-.033	-.379	330	124	.083	.168	.627	-.612
320	409	.212	.152	.714	-.332	320	807	-.279	.034	-.183	-.421	330	125	.218	.148	.659	-.228
320	410	.257	.166	.894	-.353	320	808	-.321	.076	-.110	-.784	330	126	-.260	.031	-.173	-.405
320	411	.198	.166	.842	-.348	320	809	-.232	.039	-.088	-.420	330	127	-.254	.032	-.157	-.459
320	412	.099	.133	.773	-.425	320	810	-.150	.047	-.063	-.363	330	128	-.256	.044	-.084	-.434
320	413	.032	.145	.731	-.669	320	811	-.034	.049	-.181	-.242	330	129	-.322	.065	-.137	-.751
320	414	.292	.152	.795	-.617	320	901	-.799	.191	-.233	-1.406	330	130	-.440	.214	-.153	-1.122
320	415	.358	.151	.842	-.339	320	902	-.856	.196	-.287	-1.694	330	131	-.551	.144	-.191	-1.197
320	416	.400	.140	.990	-.216	320	903	-.400	.153	-.105	-1.265	330	132	-.991	.295	-.232	-1.993
320	417	.417	.181	1.049	-.258	320	904	-.782	.176	-.205	-1.375	330	133	-1.023	.288	-.311	-2.295
320	418	.333	.196	1.063	-.333	320	905	-.792	.180	-.287	-1.617	330	134	-.449	.162	-.051	-1.023
320	419	.164	.173	.932	-.386	320	906	-.435	.161	-.139	-1.105	330	135	.015	.110	.394	-.356
320	420	.015	.120	.443	-.442	320	907	-.499	.134	-.019	-1.233	330	136	.163	.125	.632	-.182
320	421	.272	.152	.824	-.533	320	908	-.584	.128	-.124	-1.141	330	137	.170	.160	.676	-.345
320	422	.333	.164	.906	-.467	320	909	-.347	.074	-.104	-.689	330	138	.320	.168	.893	-.201
320	423	.374	.178	.980	-.452	320	910	-.267	.063	-.017	-.648	330	139	-.264	.030	-.132	-.425
320	424	.386	.155	.939	-.160	320	911	-.741	.199	-.185	-1.567	330	140	-.254	.033	-.086	-.484
320	425	.249	.184	.991	-.265	320	912	-.349	.089	-.092	-.728	330	141	-.259	.039	-.142	-.582
320	426	.044	.164	.772	-.448	320	913	-.318	.087	-.036	-.759	330	142	-.327	.081	-.103	-.975
320	427	.145	.136	.479	-.635	320	914	-.329	.082	-.099	-.698	330	143	-.466	.123	-.203	-1.116
320	428	.213	.116	.686	-.253	320	915	-.279	.071	-.003	-.578	330	144	-.584	.167	-.198	-1.566
320	429	.263	.148	.872	-.348	320	916	-.308	.106	-.193	-.966	330	145	-1.062	.300	-.294	-2.133
320	430	.286	.158	.899	-.317	320	3651	-.644	.194	-.012	-1.625	330	146	-1.108	.324	-.302	-2.347
320	431	.266	.165	.894	-.285	320	3652	-.689	.242	-.023	-1.924	330	147	-.525	.189	-.016	-1.258
320	432	.144	.121	.764	-.246	320	3653	-.696	.236	-.096	-2.120	330	148	-.044	.090	.352	-.307
320	433	.036	.117	.558	-.444	320	3654	-.765	.266	-.165	-2.243	330	149	.107	.100	.637	-.203
320	434	.218	.111	.356	-.684	320	3655	-.255	.129	-.288	-.837	330	150	.136	.164	.767	-.481
320	435	.142	.093	.614	-.221	330	101	-.264	.070	-.161	-.770	330	151	-.286	.146	-.910	-.205
320	436	.165	.117	.856	-.271	330	102	-.394	.108	-.101	-.847	330	152	-.263	.036	-.101	-.498
320	437	.177	.121	.924	-.249	330	103	-.513	.127	-.159	-1.199	330	153	-.256	.034	-.118	-.472
320	438	.177	.117	.849	-.200	330	104	-.348	.161	-.301	-.853	330	154	-.251	.047	-.055	-.690
320	439	.107	.084	.525	-.158	330	105	-.079	.149	-.437	-.677	330	155	-.321	.079	-.093	-.980
320	440	.009	.079	.357	-.263	330	106	-.034	.173	-.618	-.547	330	156	-.458	.115	-.136	-1.260
320	441	.115	.077	.261	-.483	330	107	-.313	.067	-.089	-.636	330	157	-.582	.135	-.262	-1.093
320	442	.023	.099	.541	-.282	330	108	-.426	.093	-.077	-.812	330	158	-.947	.294	-.131	-1.941
320	443	.171	.081	.574	-.059	330	109	-.498	.077	-.262	-.846	330	159	-.990	.308	-.264	-2.035
320	444	.209	.115	.803	-.096	330	110	-.488	.088	-.216	-.811	330	160	-.566	.191	-.004	-1.188

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	161	- 107	091	249	- 409	330	220	- 267	027	- 180	- 384	330	315	- 509	120	- 185	- 992
330	162	- 034	102	505	- 274	330	221	- 319	049	- 174	- 544	330	316	- 517	153	- 062	- 1 414
330	163	- 061	158	669	- 751	330	222	- 306	043	- 192	- 481	330	317	- 477	121	- 052	- 1 141
330	164	- 211	139	792	- 241	330	223	- 300	039	- 171	- 451	330	318	- 463	140	- 116	- 1 066
330	165	- 242	032	106	- 391	330	224	- 291	028	- 208	- 396	330	319	- 436	133	023	- 1 089
330	166	- 234	037	065	- 424	330	225	- 275	029	- 193	- 390	330	320	- 468	161	097	- 1 150
330	167	- 236	046	073	- 520	330	226	- 270	030	- 180	- 391	330	321	- 425	105	074	- 864
330	168	- 278	069	065	- 782	330	227	- 270	031	- 182	- 404	330	322	- 374	098	046	- 836
330	169	- 370	071	185	- 695	330	228	- 336	045	- 208	- 583	330	323	- 346	086	030	- 891
330	170	- 446	098	197	- 941	330	229	- 323	050	- 179	- 646	330	324	- 324	076	047	- 920
330	171	- 299	146	369	- 760	330	230	- 315	047	- 176	- 616	330	325	- 296	049	091	- 783
330	172	- 745	197	251	- 805	330	231	- 301	039	- 157	- 473	330	326	- 458	104	210	- 911
330	173	- 422	086	103	- 735	330	232	- 275	029	- 190	- 396	330	327	- 472	108	219	- 971
330	174	- 127	078	211	- 383	330	233	- 267	035	- 148	- 461	330	328	- 501	123	140	- 1 164
330	175	- 030	078	369	- 245	330	234	- 265	037	- 130	- 465	330	329	- 518	122	077	- 1 224
330	176	- 047	098	426	- 354	330	235	- 332	053	- 137	- 617	330	330	- 484	139	181	- 1 116
330	177	- 109	083	511	- 209	330	236	- 319	040	- 217	- 500	330	331	- 483	148	086	- 1 111
330	178	- 314	066	103	- 656	330	237	- 308	044	- 150	- 503	330	332	- 471	152	033	- 1 185
330	179	- 211	035	060	- 345	330	238	- 294	040	- 171	- 472	330	333	- 479	135	038	- 1 027
330	180	- 191	035	016	- 336	330	239	- 262	033	- 145	- 390	330	334	- 418	121	019	- 866
330	181	- 195	029	095	- 324	330	240	- 254	031	- 148	- 380	330	335	- 358	084	042	- 731
330	182	- 198	040	065	- 353	330	241	- 249	038	- 120	- 410	330	336	- 327	065	104	- 653
330	183	- 216	052	062	- 480	330	242	- 326	046	- 176	- 522	330	337	- 323	051	169	- 513
330	184	- 244	064	067	- 573	330	243	- 328	047	- 183	- 509	330	338	- 300	048	127	- 485
330	185	- 202	026	095	- 313	330	244	- 287	038	- 129	- 514	330	339	- 529	126	216	- 1 280
330	186	- 170	037	028	- 317	330	245	- 277	043	- 120	- 492	330	340	- 539	129	206	- 1 343
330	187	- 147	067	311	- 552	330	246	- 268	040	- 078	- 507	330	341	- 568	118	276	- 1 253
330	188	- 303	079	023	- 690	330	247	- 251	036	- 122	- 387	330	342	- 551	142	002	- 1 391
330	189	- 109	054	092	- 364	330	248	- 268	035	- 145	- 401	330	343	- 498	136	045	- 1 191
330	190	- 124	055	063	- 402	330	249	- 245	033	- 127	- 387	330	344	- 478	135	161	- 1 126
330	191	- 134	034	051	- 433	330	250	- 337	044	- 197	- 503	330	345	- 449	100	167	- 900
330	201	- 292	057	084	- 682	330	251	- 282	042	- 083	- 462	330	346	- 452	128	042	- 998
330	202	- 268	044	091	- 444	330	252	- 266	038	- 096	- 411	330	347	- 417	108	117	- 811
330	203	- 306	060	112	- 556	330	253	- 261	031	- 103	- 396	330	348	- 376	068	157	- 748
330	204	- 325	053	164	- 569	330	254	- 250	036	- 114	- 388	330	349	- 331	056	164	- 610
330	205	- 287	044	143	- 514	330	255	- 248	038	- 115	- 403	330	350	- 313	059	137	- 660
330	206	- 311	060	130	- 591	330	301	- 667	199	- 254	- 1 580	330	351	- 301	051	156	- 579
330	207	- 312	061	092	- 577	330	302	- 517	152	- 042	- 1 597	330	352	- 618	156	289	- 1 826
330	208	- 298	047	120	- 544	330	303	- 541	185	- 117	- 1 382	330	353	- 622	131	320	- 1 478
330	209	- 289	051	105	- 537	330	304	- 467	151	- 019	- 1 053	330	354	- 620	174	177	- 1 765
330	210	- 279	041	148	- 467	330	305	- 420	107	- 069	- 1 146	330	355	- 477	136	349	- 1 079
330	211	- 269	039	144	- 460	330	306	- 369	113	- 008	- 1 161	330	356	- 390	116	352	- 809
330	212	- 270	035	139	- 417	330	307	- 515	153	- 030	- 1 495	330	357	- 395	089	036	- 734
330	213	- 269	043	129	- 445	330	308	- 499	119	- 142	- 1 325	330	358	- 451	098	084	- 898
330	214	- 314	049	141	- 534	330	309	- 563	156	- 091	- 1 305	330	359	- 382	100	246	- 888
330	215	- 302	043	135	- 473	330	310	- 460	126	- 009	- 1 031	330	360	- 450	101	047	- 878
330	216	- 288	030	201	- 428	330	311	- 397	113	- 026	- 1 060	330	361	- 361	062	186	- 695
330	217	- 275	032	179	- 402	330	312	- 356	093	- 059	- 1 102	330	362	- 329	063	117	- 645
330	218	- 266	032	166	- 389	330	313	- 475	094	- 257	- 1 010	330	363	- 307	055	088	- 572
330	219	- 265	033	144	- 390	330	314	- 481	112	- 197	- 1 071	330	364	- 298	049	095	- 542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	365	-.864	.331	-.163	-2.486	330	415	.385	.168	1.033	-.051	330	902	-.755	.161	-.315	-1.495
330	366	-.519	.161	-.034	-1.181	330	416	.389	.132	.907	-.072	330	903	-.452	.135	-.063	-1.068
330	367	-.461	.149	-.036	-1.124	330	417	.384	.154	.933	-.006	330	904	-.724	.147	-.232	-1.469
330	368	-.336	.068	-.091	-.671	330	418	.309	.150	.973	-.064	330	905	-.767	.153	-.340	-1.481
330	369	-.349	.064	-.129	-.628	330	419	.156	.133	.793	-.201	330	906	-.456	.122	-.167	-1.071
330	370	-.403	.062	-.175	-.644	330	420	-.022	.091	.340	-.335	330	907	-.444	.105	-.130	-.858
330	371	-.455	.094	-.147	-.837	330	421	.302	.137	.771	-.165	330	908	-.559	.125	-.125	-1.015
330	372	-.410	.095	-.083	-.779	330	422	.348	.139	.895	-.023	330	909	-.370	.075	-.147	-.817
330	373	-.440	.096	-.109	-.785	330	423	.378	.143	.995	.041	330	910	-.283	.055	-.067	-.545
330	374	-.353	.060	-.095	-.591	330	424	.384	.135	.914	-.063	330	911	-.740	.188	-.207	-1.420
330	375	-.323	.058	-.073	-.563	330	425	.296	.144	.971	-.074	330	912	-.370	.079	-.047	-.750
330	376	-.324	.050	-.118	-.549	330	426	.120	.126	.776	-.300	330	913	-.348	.070	-.077	-.637
330	377	-.333	.054	-.122	-.607	330	427	-.070	.110	.594	-.472	330	914	-.369	.098	-.084	-.773
330	378	-.444	.066	-.233	-.682	330	428	.229	.099	.588	-.046	330	915	-.283	.064	-.057	-.601
330	379	-.301	.086	-.043	-.610	330	429	.279	.120	.743	-.017	330	916	-.335	.088	-.002	-.710
330	380	-.354	.072	-.097	-.644	330	430	.310	.127	.838	.003	330	3651	-.692	.192	-.206	-1.880
330	381	-.406	.069	-.173	-.671	330	431	.319	.130	.856	-.023	330	3652	-.715	.226	-.167	-2.333
330	382	-.431	.065	-.220	-.724	330	432	.235	.102	.671	-.032	330	3653	-.732	.235	-.135	-2.049
330	383	-.360	.063	-.166	-.648	330	433	.064	.106	.517	-.390	330	3654	-.789	.248	-.163	-2.894
330	384	-.340	.060	-.158	-.626	330	434	.132	.104	.340	-.720	330	3655	-.336	.126	-.159	-.937
330	385	-.325	.054	-.088	-.568	330	435	.162	.096	.632	-.082	340	101	-.195	.063	-.025	-.462
330	386	-.316	.043	-.127	-.487	330	436	.197	.112	.854	-.096	340	102	-.265	.129	-.113	-.738
330	387	-.326	.046	-.150	-.541	330	437	.222	.118	.863	-.054	340	103	-.400	.128	-.157	-.909
330	388	-.310	.048	-.128	-.525	330	438	.241	.119	.777	-.052	340	104	-.292	.181	-.427	-.866
330	389	-.311	.050	-.134	-.524	330	439	.171	.080	.603	-.039	340	105	-.131	.192	-.476	-.749
330	390	-.363	.075	-.030	-.694	330	440	.049	.083	.655	-.206	340	106	-.184	.184	-.771	-.730
330	391	-.316	.059	-.106	-.525	330	441	-.069	.083	.577	-.375	340	107	-.306	.062	-.048	-.615
330	392	-.272	.059	-.025	-.479	330	442	.013	.099	.509	-.268	340	108	-.378	.098	-.020	-.733
330	393	-.281	.043	-.120	-.451	330	443	.194	.072	.477	-.008	340	109	-.459	.082	-.086	-.858
330	394	-.038	.056	-.314	-.113	330	444	.254	.103	.686	-.001	340	110	-.470	.099	-.117	-.973
330	395	-.042	.058	-.315	-.111	330	445	.212	.100	.727	-.017	340	111	-.417	.129	-.063	-1.003
330	396	-.314	.063	-.112	-.573	330	446	-.001	.072	.459	-.185	340	112	-.360	.182	-.454	-.936
330	397	-.291	.040	-.155	-.458	330	701	.026	.083	.386	-.222	340	113	-.226	.033	-.116	-.398
330	398	-.307	.042	-.167	-.483	330	702	.109	.081	.489	-.155	340	114	-.215	.042	-.056	-.439
330	399	-.322	.049	-.169	-.534	330	703	.116	.074	.575	-.078	340	115	-.226	.056	-.021	-.539
330	400	-.305	.051	-.128	-.525	330	704	.073	.074	.553	-.185	340	116	-.275	.085	-.020	-.750
330	401	-.371	.173	-.973	-.578	330	705	.044	.051	.226	-.232	340	117	-.310	.080	-.064	-.707
330	402	-.275	.202	.925	-.686	330	706	-.262	.088	.164	-.672	340	118	-.332	.086	-.025	-.827
330	403	-.131	.202	1.042	-.683	330	801	-.223	.035	-.089	-.375	340	119	-.361	.221	-.653	-1.099
330	404	-.439	.148	.276	-.874	330	802	-.243	.037	-.068	-.421	340	120	-.637	.275	-.006	-.996
330	405	-.344	.128	.289	-.728	330	803	-.256	.029	-.136	-.399	340	121	-.127	.112	-.315	-.564
330	406	-.441	.098	.044	-.883	330	804	-.303	.053	-.075	-.558	340	122	-.083	.127	-.547	-.286
330	407	-.229	.173	.800	-.351	330	805	-.187	.033	-.045	-.307	340	123	-.146	.139	-.735	-.270
330	408	-.179	.135	.685	-.212	330	806	-.166	.041	-.062	-.362	340	124	-.176	.161	-.892	-.493
330	409	-.175	.156	.835	-.267	330	807	-.325	.039	-.208	-.477	340	125	-.246	.144	-.741	-.190
330	410	-.190	.156	.842	-.254	330	808	-.305	.076	-.038	-.726	340	126	-.246	.031	-.138	-.362
330	411	-.119	.140	.681	-.311	330	809	-.287	.051	-.092	-.520	340	127	-.220	.035	-.095	-.341
330	412	-.029	.103	.396	-.272	330	810	-.115	.055	-.126	-.339	340	128	-.184	.052	-.011	-.343
330	413	-.092	.105	.379	-.459	330	811	-.004	.045	-.205	-.141	340	129	-.201	.064	-.013	-.432
330	414	-.354	.169	.989	-.202	330	901	-.724	.155	-.250	-1.337	340	130	-.272	.102	-.038	-.677

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN									
340	131	-	355	130	.021	-	906	340	181	-	153	.031	-	032	-	344	340	240	-	253	.036	-	123	-	437	
340	132	-	673	291	.165	-	1 870	340	182	-	138	.047	-	052	-	336	340	241	-	249	.044	-	090	-	437	
340	133	-	717	275	.075	-	1 668	340	183	-	146	.057	-	074	-	449	340	242	-	324	.055	-	084	-	570	
340	134	-	230	166	.347	-	799	340	184	-	160	.070	-	099	-	456	340	243	-	327	.056	-	071	-	587	
340	135	-	142	133	.628	-	206	340	185	-	172	.027	-	062	-	277	340	244	-	291	.052	-	086	-	603	
340	136	-	257	145	.858	-	105	340	186	-	129	.038	-	030	-	259	340	245	-	279	.058	-	041	-	587	
340	137	-	315	155	.748	-	244	340	187	-	114	.055	-	119	-	333	340	246	-	266	.053	-	045	-	655	
340	138	-	389	170	.873	-	089	340	188	-	199	.082	-	151	-	546	340	247	-	250	.051	-	094	-	569	
340	139	-	258	.032	-	146	-	383	340	189	-	.051	.059	226	-	299	340	248	-	263	.039	-	112	-	424	
340	140	-	226	.035	-	.057	-	375	340	190	-	.061	.062	244	-	300	340	249	-	246	.039	-	103	-	399	
340	141	-	196	.043	-	.012	-	366	340	191	-	.067	.060	190	-	267	340	250	-	332	.054	-	120	-	568	
340	142	-	212	.077	-	.090	-	534	340	201	-	.286	.052	-	123	-	510	340	251	-	276	.050	-	058	-	499
340	143	-	301	.112	-	.019	-	788	340	202	-	.266	.044	-	122	-	472	340	252	-	259	.044	-	066	-	450
340	144	-	389	.152	-	.080	-	1 039	340	203	-	.320	.058	-	.085	-	553	340	253	-	257	.038	-	102	-	437
340	145	-	759	.304	-	.024	-	1 999	340	204	-	.317	.048	-	156	-	549	340	254	-	249	.043	-	095	-	426
340	146	-	805	.330	-	.026	-	2 214	340	205	-	.290	.047	-	116	-	470	340	255	-	252	.048	-	114	-	457
340	147	-	308	.193	-	.278	-	1 040	340	206	-	.329	.064	-	.092	-	628	340	301	-	588	.163	-	234	-	1 441
340	148	-	099	.109	-	.547	-	2 210	340	207	-	.306	.057	-	105	-	547	340	302	-	493	.119	-	065	-	1 173
340	149	-	190	.119	-	.671	-	1 65	340	208	-	.295	.041	-	108	-	452	340	303	-	534	.158	-	015	-	1 236
340	150	-	228	.163	-	.838	-	544	340	209	-	.288	.045	-	.071	-	470	340	304	-	470	.134	-	.007	-	1 026
340	151	-	315	.148	-	.883	-	2 299	340	210	-	.280	.039	-	126	-	420	340	305	-	406	.091	-	102	-	1 011
340	152	-	258	.039	-	.066	-	555	340	211	-	.269	.038	-	130	-	419	340	306	-	349	.086	-	.093	-	799
340	153	-	239	.034	-	.096	-	388	340	212	-	.261	.033	-	133	-	394	340	307	-	488	.125	-	118	-	1 444
340	154	-	208	.048	-	.013	-	439	340	213	-	.259	.039	-	109	-	427	340	308	-	480	.100	-	216	-	1 069
340	155	-	244	.080	-	.012	-	822	340	214	-	.310	.049	-	149	-	486	340	309	-	543	.139	-	140	-	1 352
340	156	-	353	.121	-	.023	-	1 078	340	215	-	.299	.043	-	152	-	466	340	310	-	457	.116	-	.053	-	1 031
340	157	-	403	.133	-	.075	-	913	340	216	-	.290	.032	-	191	-	406	340	311	-	390	.099	-	.069	-	872
340	158	-	633	.284	-	.161	-	1 708	340	217	-	.278	.033	-	173	-	425	340	312	-	344	.077	-	137	-	785
340	159	-	672	.293	-	.142	-	1 782	340	218	-	.269	.033	-	147	-	388	340	313	-	436	.087	-	226	-	939
340	160	-	338	.186	-	.242	-	1 037	340	219	-	.267	.034	-	128	-	390	340	314	-	441	.103	-	200	-	1 087
340	161	-	005	.104	-	.456	-	326	340	220	-	.271	.030	-	166	-	385	340	315	-	467	.105	-	204	-	1 123
340	162	-	100	.108	-	.687	-	222	340	221	-	.343	.054	-	168	-	598	340	316	-	487	.125	-	.015	-	1 131
340	163	-	128	.145	-	.796	-	531	340	222	-	.327	.047	-	179	-	550	340	317	-	475	.110	-	132	-	949
340	164	-	224	.133	-	.822	-	1 170	340	223	-	.316	.043	-	170	-	522	340	318	-	468	.130	-	.021	-	1 054
340	165	-	233	.035	-	.110	-	363	340	224	-	.297	.031	-	186	-	397	340	319	-	445	.127	-	.039	-	1 029
340	166	-	209	.037	-	.065	-	355	340	225	-	.280	.033	-	180	-	389	340	320	-	480	.154	-	.026	-	1 103
340	167	-	183	.043	-	.003	-	354	340	226	-	.273	.034	-	151	-	401	340	321	-	429	.098	-	110	-	857
340	168	-	196	.061	-	.004	-	453	340	227	-	.270	.034	-	132	-	405	340	322	-	373	.090	-	.058	-	766
340	169	-	275	.070	-	.054	-	680	340	228	-	.363	.058	-	260	-	669	340	323	-	337	.076	-	.066	-	653
340	170	-	339	.095	-	.030	-	882	340	229	-	.347	.062	-	123	-	639	340	324	-	319	.067	-	115	-	596
340	171	-	209	.141	-	.341	-	885	340	230	-	.337	.059	-	151	-	628	340	325	-	297	.044	-	145	-	498
340	172	-	564	.203	-	.089	-	1 668	340	231	-	.318	.047	-	159	-	544	340	326	-	434	.098	-	185	-	1 589
340	173	-	306	.092	-	.072	-	640	340	232	-	.284	.035	-	177	-	484	340	327	-	444	.101	-	192	-	1 663
340	174	-	046	.093	-	.293	-	358	340	233	-	.273	.048	-	123	-	843	340	328	-	469	.111	-	194	-	1 742
340	175	-	085	.090	-	.491	-	227	340	234	-	.271	.051	-	.094	-	830	340	329	-	499	.105	-	127	-	998
340	176	-	094	.105	-	.587	-	358	340	235	-	.352	.065	-	.087	-	600	340	330	-	476	.123	-	.001	-	1 013
340	177	-	134	.078	-	.618	-	128	340	236	-	.332	.048	-	176	-	592	340	331	-	477	.133	-	.064	-	1 042
340	178	-	223	.071	-	.101	-	511	340	237	-	.321	.054	-	114	-	568	340	332	-	469	.143	-	.014	-	1 071
340	179	-	193	.037	-	.008	-	354	340	238	-	.302	.049	-	.074	-	565	340	333	-	481	.129	-	.068	-	1 085
340	180	-	167	.036	-	.027	-	311	340	239	-	.264	.040	-	125	-	440	340	334	-	421	.112	-	.083	-	886

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	335	-359	.078	-.054	-.690	340	385	-.322	.070	-.078	-.677	340	435	.163	.086	.603	-.105
340	336	-329	.062	-.086	-.625	340	386	-.312	.055	-.040	-.571	340	436	.194	.096	.651	-.020
340	337	-329	.054	-.169	-.592	340	387	-.322	.055	-.071	-.527	340	437	.220	.104	.802	-.007
340	338	-306	.053	-.144	-.575	340	388	-.290	.060	-.013	-.518	340	438	.240	.110	.869	-.004
340	339	-530	.129	-.241	-1.314	340	389	-.291	.063	-.019	-.505	340	439	.181	.078	.494	-.046
340	340	-537	.131	-.259	-1.401	340	390	-.393	.065	-.107	-.705	340	440	.080	.088	.600	-.165
340	341	-543	.116	-.209	-1.169	340	391	-.362	.070	-.102	-.633	340	441	.021	.091	.598	-.329
340	342	-528	.135	-.104	-1.150	340	392	-.300	.062	-.016	-.539	340	442	.086	.121	.678	-.245
340	343	-486	.130	-.034	-1.007	340	393	-.306	.048	-.143	-.503	340	443	.207	.072	.520	.037
340	344	-473	.128	-.017	-.997	340	394	-.027	.050	-.226	-.121	340	444	.244	.097	.692	.023
340	345	-444	.096	-.125	-.865	340	395	-.031	.052	-.258	-.132	340	445	.214	.100	.754	-.035
340	346	-445	.123	-.016	-1.005	340	396	-.370	.072	-.170	-.652	340	446	.013	.065	.301	-.177
340	347	-415	.102	-.111	-.906	340	397	-.320	.044	-.179	-.477	340	701	.080	.087	.449	-.186
340	348	-386	.068	-.119	-.732	340	398	-.305	.050	-.150	-.493	340	702	.131	.075	.438	-.167
340	349	-347	.061	-.164	-.615	340	399	-.315	.061	-.072	-.531	340	703	.134	.064	.431	-.053
340	350	-329	.066	-.121	-.700	340	400	-.283	.062	-.038	-.502	340	704	.080	.064	.348	-.197
340	351	-316	.057	-.093	-.717	340	401	-.353	.179	1.006	-.539	340	705	.043	.044	.163	-.236
340	352	-619	.157	-.235	-1.691	340	402	-.189	.195	.913	-.513	340	706	-.253	.083	-.028	-.874
340	353	-623	.130	-.300	-1.406	340	403	-.004	.208	.789	-.801	340	801	-.210	.038	-.002	-.380
340	354	-613	.173	-.170	-2.016	340	404	-.427	.142	.315	-.852	340	802	-.240	.044	-.086	-.466
340	355	-477	.136	.074	-1.056	340	405	-.353	.120	.382	-.808	340	803	-.249	.039	-.098	-.525
340	356	-495	.113	-.077	-.853	340	406	-.419	.083	.040	-.802	340	804	-.281	.063	-.003	-.534
340	357	-432	.091	-.003	-.805	340	407	-.223	.163	.836	-.290	340	805	-.158	.034	.030	-.292
340	358	-476	.101	.081	-.906	340	408	-.171	.127	.646	-.236	340	806	-.128	.041	.080	-.332
340	359	-415	.103	.086	-.914	340	409	-.153	.142	.714	-.311	340	807	-.312	.041	-.160	-.494
340	360	-469	.103	.137	-1.035	340	410	-.151	.140	.708	-.313	340	808	-.213	.080	-.059	-.587
340	361	-391	.070	.147	-.751	340	411	-.066	.124	.531	-.316	340	809	-.318	.051	-.120	-.524
340	362	-360	.075	.083	-.705	340	412	-.036	.088	.301	-.324	340	810	-.056	.062	.210	-.320
340	363	-337	.068	.032	-.673	340	413	-.144	.090	.220	-.456	340	811	-.011	.040	.179	-.134
340	364	-327	.060	-.070	-.603	340	414	-.381	.162	.991	-.157	340	901	-.676	.146	-.239	-1.182
340	365	-785	.334	-.071	-2.462	340	415	-.379	.161	.954	-.061	340	902	-.725	.158	-.293	-1.330
340	366	-472	.134	-.022	-1.189	340	416	-.386	.136	.917	-.010	340	903	-.418	.104	.007	-.936
340	367	-466	.129	.087	-1.191	340	417	-.351	.150	.909	-.064	340	904	-.676	.145	-.143	-1.265
340	368	-372	.069	.135	-.684	340	418	-.248	.140	.906	-.114	340	905	-.746	.146	-.353	-1.643
340	369	-374	.067	.082	-.652	340	419	-.092	.117	.663	-.209	340	906	-.444	.106	-.069	-.975
340	370	-417	.064	.187	-.661	340	420	-.081	.078	.267	-.335	340	907	-.394	.088	-.006	-.758
340	371	-463	.096	.150	-.858	340	421	-.351	.152	.942	-.036	340	908	-.518	.120	-.035	-.979
340	372	-423	.096	.124	-.829	340	422	-.368	.157	.959	-.001	340	909	-.426	.094	-.147	-.931
340	373	-437	.096	.004	-.863	340	423	-.374	.156	.910	-.022	340	910	-.300	.062	.016	-.554
340	374	-362	.059	.126	-.592	340	424	-.355	.122	.827	-.031	340	911	-.743	.174	-.287	-1.422
340	375	-336	.064	.043	-.628	340	425	-.250	.130	.862	-.136	340	912	-.381	.078	-.106	-.798
340	376	-341	.065	.066	-.684	340	426	-.078	.120	.761	-.224	340	913	-.348	.064	-.075	-.612
340	377	-347	.068	.089	-.690	340	427	-.103	.107	.432	-.449	340	914	-.393	.104	-.014	-.817
340	378	-501	.078	.296	-.789	340	428	-.247	.106	.755	-.074	340	915	-.266	.057	-.066	-.543
340	379	-352	.097	.038	-.718	340	429	-.277	.123	.890	-.029	340	916	-.342	.079	-.089	-.788
340	380	-379	.078	.082	-.681	340	430	-.296	.126	.887	-.058	340	3631	-.634	.194	-.240	-1.757
340	381	-414	.080	.097	-.806	340	431	-.297	.127	.771	-.018	340	3632	-.641	.214	-.206	-2.014
340	382	-419	.075	.160	-.760	340	432	-.232	.108	.769	-.023	340	3653	-.668	.232	-.232	-2.035
340	383	-364	.072	-.063	-.675	340	433	-.086	.114	.712	-.276	340	3634	-.709	.233	-.250	-2.176
340	384	-348	.073	-.037	-.850	340	434	-.095	.107	.522	-.587	340	3655	-.356	.102	.031	-.739

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	101	121	063	095	429	350	151	355	160	997	094	350	210	271	043	141	428
350	102	090	116	330	509	350	152	221	040	076	378	350	211	261	043	112	419
350	103	196	174	332	852	350	153	170	037	033	301	350	212	246	035	096	362
350	104	088	251	459	799	350	154	109	055	147	319	350	213	240	042	056	377
350	105	248	196	493	887	350	155	090	083	271	406	350	214	293	043	138	458
350	106	304	196	971	695	350	156	138	119	322	593	350	215	285	039	139	503
350	107	285	061	025	506	350	157	224	137	250	781	350	216	282	033	171	451
350	108	279	097	128	665	350	158	353	275	487	478	350	217	269	035	133	483
350	109	345	101	240	953	350	159	384	282	413	606	350	218	258	034	150	444
350	110	380	114	149	992	350	160	126	184	525	943	350	219	254	036	136	431
350	111	413	121	080	989	350	161	123	123	641	222	350	220	257	031	154	376
350	112	289	173	461	953	350	162	190	131	671	151	350	221	335	055	167	569
350	113	174	035	013	306	350	163	212	147	801	388	350	222	319	051	117	569
350	114	152	048	050	331	350	164	249	136	803	284	350	223	310	046	136	514
350	115	134	061	146	332	350	165	212	038	049	378	350	224	295	033	185	444
350	116	138	080	224	394	350	166	176	039	041	337	350	225	272	035	152	404
350	117	174	079	107	463	350	167	123	046	110	321	350	226	263	037	131	388
350	118	194	097	162	553	350	168	111	060	186	474	350	227	261	037	127	388
350	119	205	197	431	859	350	169	171	067	047	434	350	228	352	057	166	649
350	120	318	187	276	1262	350	170	230	096	058	626	350	229	337	062	145	600
350	121	047	130	580	446	350	171	095	125	038	602	350	230	325	058	134	585
350	122	184	146	729	296	350	172	371	211	147	157	350	231	306	049	139	517
350	123	230	155	847	217	350	173	162	093	239	496	350	232	273	038	157	462
350	124	258	168	892	404	350	174	061	098	440	222	350	233	254	046	071	478
350	125	251	140	653	200	350	175	153	094	568	139	350	234	249	049	060	551
350	126	206	034	057	349	350	176	164	098	610	277	350	235	351	072	096	655
350	127	156	042	063	315	350	177	178	076	565	089	350	236	327	057	132	592
350	128	085	062	221	291	350	178	092	075	228	337	350	237	315	061	101	593
350	129	052	078	250	294	350	179	160	037	009	377	350	238	289	054	110	568
350	130	079	111	315	507	350	180	129	035	015	285	350	239	251	049	109	482
350	131	124	133	318	656	350	181	106	034	033	250	350	240	238	045	079	552
350	132	272	270	487	1422	350	182	075	053	121	274	350	241	234	053	035	584
350	133	323	231	211	275	350	183	070	061	134	274	350	242	298	057	049	533
350	134	038	167	604	644	350	184	078	070	188	409	350	243	302	057	078	539
350	135	295	162	813	190	350	185	132	030	023	255	350	244	275	059	023	643
350	136	269	173	002	119	350	186	078	045	187	219	350	245	266	065	050	628
350	137	365	159	862	210	350	187	061	057	266	311	350	246	258	058	007	613
350	138	362	178	892	400	350	188	088	084	274	446	350	247	251	056	083	782
350	139	216	034	084	347	350	189	025	064	290	207	350	248	257	044	122	554
350	140	162	041	016	289	350	190	017	067	305	203	350	249	244	048	100	536
350	141	098	051	152	294	350	191	014	064	253	178	350	250	317	058	115	532
350	142	069	082	353	390	350	201	274	056	049	524	350	251	263	060	020	703
350	143	103	102	362	406	350	202	251	051	078	437	350	252	248	053	029	658
350	144	154	133	391	617	350	203	330	069	078	645	350	253	246	043	036	466
350	145	352	271	368	588	350	204	305	047	145	525	350	254	244	050	082	447
350	146	397	294	345	801	350	205	277	051	111	490	350	255	247	057	049	437
350	147	042	184	610	702	350	206	328	065	113	599	350	301	478	126	191	081
350	148	217	122	700	120	350	207	292	054	046	510	350	302	425	103	056	061
350	149	312	138	803	026	350	208	284	041	110	462	350	303	468	141	113	236
350	150	337	161	938	176	350	209	278	046	133	483	350	304	418	112	082	860

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	305	-363	.072	-167	-734	350	355	-441	.119	-084	-975	350	405	-347	.107	-084	-783
350	306	-320	.076	-120	-811	350	356	-383	.110	-142	-848	350	406	-396	.073	-163	-739
350	307	-432	.111	-165	-1087	350	357	-392	.081	-002	-729	350	407	-201	.158	-758	-397
350	308	-421	.084	-152	-836	350	358	-438	.092	-046	-838	350	408	.111	.128	-584	-262
350	309	-472	.120	-100	-1184	350	359	-386	.095	-038	-794	350	409	.093	.138	-678	-292
350	310	-414	.098	-059	-907	350	360	-428	.093	-109	-846	350	410	.081	.131	-556	-343
350	311	-355	.082	-111	-675	350	361	-374	.068	-103	-688	350	411	.006	.110	-428	-338
350	312	-320	.072	-128	-622	350	362	-342	.074	-040	-677	350	412	.092	.073	-248	-280
350	313	-370	.067	-194	-882	350	363	-321	.063	-118	-606	350	413	.187	.071	-151	-419
350	314	-375	.081	-158	-1003	350	364	-311	.058	-118	-564	350	414	.374	.170	-919	-144
350	315	-398	.085	-162	-1138	350	365	-782	.331	.051	-2358	350	415	.335	.164	-873	-148
350	316	-424	.098	-094	-1626	350	366	-384	.127	-028	-1214	350	416	.335	.139	-856	-043
350	317	-417	.083	-090	-815	350	367	-460	.122	-024	-1197	350	417	.287	.147	-944	-120
350	318	-416	.099	-039	-932	350	368	-368	.068	-136	-615	350	418	.172	.128	-727	-202
350	319	-403	.101	-104	-923	350	369	-360	.070	-099	-614	350	419	.017	.104	-426	-288
350	320	-432	.118	-023	-941	350	370	-403	.073	-103	-672	350	420	.139	.062	-171	-320
350	321	-391	.074	-142	-754	350	371	-438	.107	.031	-837	350	421	.336	.152	-953	-115
350	322	-333	.067	-130	-651	350	372	-403	.102	.039	-803	350	422	.324	.150	-949	-080
350	323	-302	.058	-106	-653	350	373	-412	.101	.111	-782	350	423	.320	.144	-975	-060
350	324	-288	.057	-075	-617	350	374	-343	.070	-071	-610	350	424	.290	.124	-770	-008
350	325	-275	.042	-132	-501	350	375	-319	.076	-039	-683	350	425	.178	.125	-623	-093
350	326	-373	.074	-150	-823	350	376	-326	.074	-025	-613	350	426	.010	.108	-457	-278
350	327	-382	.076	-150	-872	350	377	-337	.077	-055	-694	350	427	.158	.094	-313	-480
350	328	-401	.082	-178	-1063	350	378	-472	.079	-271	-773	350	428	.261	.113	-747	-150
350	329	-433	.078	-179	-936	350	379	-368	.092	-030	-711	350	429	.265	.126	-848	-081
350	330	-428	.091	-057	-790	350	380	-353	.081	-004	-703	350	430	.269	.124	-824	-061
350	331	-435	.098	-052	-819	350	381	-377	.077	-081	-694	350	431	.254	.116	-814	-004
350	332	-431	.111	-032	-853	350	382	-399	.078	-114	-717	350	432	.216	.102	-665	-050
350	333	-435	.094	-088	-818	350	383	-340	.073	-013	-623	350	433	.070	.110	-697	-294
350	334	-381	.084	-067	-709	350	384	-324	.077	-030	-658	350	434	.109	.107	-473	-542
350	335	-320	.061	-079	-653	350	385	-301	.071	-007	-645	350	435	.182	.079	-578	-081
350	336	-292	.051	-123	-653	350	386	-303	.061	-007	-661	350	436	.201	.090	-613	-062
350	337	-290	.044	-157	-523	350	387	-315	.058	-096	-532	350	437	.214	.093	-783	-029
350	338	-273	.044	-130	-477	350	388	-283	.064	-023	-499	350	438	.223	.098	-855	-026
350	339	-464	.102	-211	-1233	350	389	-284	.067	-008	-503	350	439	.176	.080	-594	-011
350	340	-469	.102	-133	-1240	350	390	-393	.073	-107	-726	350	440	.097	.097	-601	-118
350	341	-486	.090	-073	-961	350	391	-362	.082	-132	-709	350	441	.007	.103	-529	-255
350	342	-486	.112	-034	-1036	350	392	-298	.067	-100	-638	350	442	.146	.115	-714	-147
350	343	-451	.111	-040	-948	350	393	-302	.049	-110	-538	350	443	.226	.078	-673	-035
350	344	-436	.112	-018	-908	350	394	-044	.053	-274	-089	350	444	.239	.097	-683	-022
350	345	-404	.088	-154	-820	350	395	.046	.054	-278	-088	350	445	.198	.098	-687	-006
350	346	-405	.111	-094	-907	350	396	-375	.081	-124	-745	350	446	.007	.064	-291	-186
350	347	-383	.093	-116	-821	350	397	-314	.046	-174	-517	350	701	.160	.094	-537	-165
350	348	-379	.063	-159	-689	350	398	-294	.050	-118	-503	350	702	.178	.084	-541	-283
350	349	-315	.053	-149	-540	350	399	-307	.060	-071	-527	350	703	.171	.073	-496	-076
350	350	-301	.056	-039	-575	350	400	-271	.066	.036	-507	350	704	.115	.070	-381	-220
350	351	-291	.049	-128	-545	350	401	-368	.189	.087	-630	350	705	.010	.046	-195	-267
350	352	-543	.134	-245	-1476	350	402	-108	.196	.792	-688	350	706	.195	.075	-117	-738
350	353	-563	.119	-270	-1307	350	403	-107	.187	.597	-785	350	801	.192	.042	-060	-409
350	354	-555	.152	-132	-846	350	404	-404	.128	.160	-784	350	802	.233	.051	-065	-464

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	803	-.239	.044	-.096	-.448	350	902	-.645	.142	-.265	-1.160	350	912	-.354	.078	-.113	-.681
350	804	-.265	.067	.008	-.610	350	903	-.353	.079	-.060	-.724	350	913	-.317	.056	-.098	-.528
350	805	-.115	.039	.085	-.281	350	904	-.560	.130	-.044	-1.060	350	914	-.377	.117	-.030	-.818
350	806	-.071	.050	.139	-.263	350	905	-.741	.164	-.286	-1.627	350	915	-.202	.052	-.045	-.426
350	807	-.301	.045	-.122	-.512	350	906	-.403	.091	-.008	-.977	350	916	-.319	.074	-.092	-.705
350	808	-.094	.081	.209	-.433	350	907	-.315	.083	-.065	-.729	350	3651	-.603	.186	-.232	-1.953
350	809	-.310	.058	-.169	-.532	350	908	-.458	.118	-.023	-.974	350	3652	-.612	.211	-.204	-2.387
350	810	.023	.072	.401	-.202	350	909	-.450	.096	-.140	-.806	350	3653	-.644	.230	-.213	-2.427
350	811	.014	.041	.178	-.110	350	910	-.310	.079	-.049	-.671	350	3654	-.650	.211	-.226	-1.727
350	901	-.570	.134	-.126	-1.110	350	911	-.699	.163	-.253	-1.372	350	3655	-.319	.091	-.045	-.743

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	146	-123	.227	.592	-1.163	28	902	-.497	.131	-.172	-1.182	266	3653	-.209	.048	-.040	-.436
0	365	-.825	.266	-.199	-2.129	28	3652	-.714	.234	-.113	-2.359	266	3654	-.203	.046	-.072	-.457
0	902	-.568	.127	-.170	-1.118	28	3653	-.789	.256	-.215	-2.466	268	146	-.199	.045	-.021	-.412
0	3652	-.632	.218	-.175	-2.379	28	3654	-.878	.297	-.081	-2.177	268	365	-.192	.038	-.090	-.419
0	3653	-.675	.240	-.179	-2.284	30	146	-.407	.135	-.094	-.047	268	902	-.537	.291	-.233	-1.918
0	3654	-.702	.299	-.090	-2.810	30	365	-.863	.226	-.124	-2.153	268	3652	-.190	.044	-.074	-.423
2	146	-.072	.208	.595	-.885	30	902	-.495	.132	-.126	-1.051	268	3653	-.194	.046	-.061	-.455
2	365	-.860	.282	-.069	-2.494	30	3652	-.672	.225	-.096	-2.205	268	3654	-.189	.045	-.059	-.480
2	902	-.551	.133	-.198	-1.175	30	3653	-.742	.248	-.113	-2.318	270	146	-.211	.047	-.070	-.443
2	3652	-.624	.205	-.140	-1.051	30	3654	-.824	.291	-.044	-2.180	270	365	-.201	.042	-.089	-.462
2	3653	-.672	.230	-.164	-1.862	32	146	-.375	.124	-.826	-.177	270	902	-.572	.278	-.227	-1.947
2	3654	-.716	.294	-.019	-2.217	32	365	-.806	.214	-.121	-2.139	270	3652	-.205	.050	-.066	-.434
4	146	-.001	.191	-.542	-1.312	32	902	-.439	.131	-.115	-.952	270	3653	-.210	.052	-.064	-.467
4	365	-.846	.267	-.096	-2.082	32	3652	-.605	.213	-.054	-2.142	270	3654	-.204	.051	-.053	-.442
4	902	-.533	.126	-.188	-1.061	32	3653	-.653	.232	-.045	-2.537	272	146	-.216	.048	-.073	-.469
4	3652	-.633	.206	-.113	-1.051	32	3654	-.729	.264	-.055	-2.297	272	365	-.188	.038	-.073	-.445
4	3653	-.677	.222	-.152	-1.762	34	146	-.392	.121	-.803	-.016	272	902	-.525	.256	-.282	-2.008
4	3654	-.724	.292	-.071	-2.454	34	365	-.748	.202	-.197	-1.790	272	3652	-.194	.045	-.025	-.449
6	146	-.030	.191	-.658	-1.874	34	902	-.416	.122	-.132	-1.121	272	3653	-.195	.046	-.055	-.436
6	365	-.850	.267	-.062	-2.243	34	3652	-.595	.213	-.114	-1.959	272	3654	-.189	.044	-.054	-.479
6	902	-.520	.126	-.145	-1.113	34	3653	-.662	.237	-.160	-2.114	274	146	-.213	.050	-.037	-.533
6	3652	-.661	.205	-.087	-2.220	34	3654	-.730	.274	-.063	-1.894	274	365	-.177	.030	-.027	-.383
6	3653	-.717	.230	-.111	-2.239	36	146	-.394	.113	-.824	-.015	274	902	-.443	.238	-.297	-1.877
6	3654	-.777	.301	-.012	-2.152	36	365	-.714	.207	-.128	-1.846	274	3652	-.180	.044	-.006	-.509
8	146	-.067	.197	-.629	-.772	36	902	-.393	.125	-.083	-.960	274	3653	-.184	.043	-.012	-.411
8	365	-.882	.296	-.125	-2.123	36	3652	-.538	.191	-.142	-1.641	274	3654	-.177	.041	-.007	-.447
8	902	-.528	.130	-.144	-1.084	36	3653	-.599	.216	-.085	-1.623	276	146	-.216	.051	-.042	-.491
8	3652	-.646	.196	-.106	-1.570	36	3654	-.653	.251	-.042	-1.933	276	365	-.172	.028	-.070	-.323
8	3653	-.701	.222	-.104	-1.676	38	146	-.362	.129	-.856	-.010	276	902	-.394	.233	-.317	-1.526
8	3654	-.745	.289	-.063	-2.114	38	365	-.529	.174	-.112	-1.595	276	3652	-.179	.042	-.058	-.380
22	146	-.336	.141	-.807	-.210	38	902	-.301	.096	-.060	-.811	276	3653	-.182	.041	-.054	-.395
22	365	-.858	.238	-.136	-2.409	38	3652	-.416	.182	-.058	-1.891	276	3654	-.176	.038	-.058	-.387
22	902	-.470	.131	-.131	-1.170	38	3653	-.460	.207	-.060	-1.840	278	146	-.221	.053	-.022	-.474
22	3652	-.700	.235	-.175	-1.966	38	3654	-.495	.234	-.074	-1.989	278	365	-.166	.028	-.065	-.357
22	3653	-.763	.257	-.188	-2.517	262	146	-.220	.047	-.084	-.464	278	902	-.370	.230	-.322	-1.289
22	3654	-.844	.301	-.109	-2.512	262	365	-.241	.046	-.117	-.540	278	3652	-.177	.043	-.035	-.384
24	146	-.387	.143	-.921	-.131	262	902	-.412	.280	-.219	-1.775	278	3653	-.180	.042	-.042	-.390
24	365	-.900	.237	-.188	-1.965	262	3652	-.256	.056	-.112	-.738	278	3654	-.174	.040	-.038	-.371
24	902	-.511	.130	-.173	-1.054	262	3653	-.258	.060	-.105	-.763	322	146	-1.141	.218	-.540	-2.107
24	3652	-.746	.241	-.114	-1.877	262	3654	-.253	.059	-.107	-.869	322	365	-.868	.260	-.197	-2.252
24	3653	-.820	.267	-.113	-2.095	264	146	-.214	.047	-.053	-.550	322	902	-.811	.180	-.317	-1.450
24	3654	-.922	.320	-.091	-2.486	264	365	-.226	.046	-.109	-.543	322	3652	-.736	.241	-.172	-2.378
26	146	-.384	.141	-.982	-.148	264	902	-.472	.319	-.309	-2.160	322	3653	-.755	.250	-.178	-2.192
26	365	-.837	.221	-.167	-1.813	264	3652	-.232	.050	-.092	-.497	322	3654	-.841	.344	-.028	-.3.189
26	902	-.506	.126	-.151	-.974	264	3653	-.235	.054	-.089	-.506	324	146	-1.172	.237	-.548	-2.124
26	3652	-.720	.225	-.137	-1.813	264	3654	-.229	.053	-.091	-.533	324	365	-.881	.260	-.172	-2.499
26	3653	-.796	.255	-.150	-2.187	266	146	-.204	.045	-.073	-.436	324	902	-.820	.177	-.338	-1.500
26	3654	-.895	.304	-.063	-2.162	266	365	-.200	.040	-.087	-.516	324	3652	-.743	.233	-.065	-.2.439
28	146	-.405	.135	-.966	-.008	266	902	-.486	.296	-.226	-2.177	324	3653	-.766	.247	-.005	-.2.529
28	365	-.855	.220	-.145	-2.197	266	3652	-.267	.046	-.067	-.405	324	3654	-.853	.336	-.006	-.3.126

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
326	146	-1.153	.262	-.490	-2.122	336	3653	-.669	.227	-.238	-2.066	348	902	-.676	.142	-.247	-1.165
326	365	-.863	.241	-.327	-1.925	336	3654	-.695	.278	-.197	-2.511	348	3652	-.619	.195	-.194	-1.760
326	902	-.749	.168	-.297	-1.528	338	146	-.860	.273	-.132	-1.997	348	3653	-.644	.220	-.196	-1.936
326	3652	-.714	.221	-.073	-2.183	338	365	-.785	.282	-.233	-2.311	348	3654	-.670	.268	-.061	-2.621
326	3653	-.737	.237	-.192	-2.392	338	902	-.741	.158	-.305	-1.422	350	146	-.373	.225	-.249	-1.564
326	3654	-.806	.320	-.071	-3.677	338	3652	-.639	.214	-.219	-2.361	350	365	-.798	.271	-.266	-2.174
328	146	-1.122	.248	-.423	-2.060	338	3653	-.655	.237	-.233	-2.128	350	902	-.689	.144	-.256	-1.265
328	365	-.870	.264	-.231	-2.629	338	3654	-.680	.290	-.099	-2.848	350	3652	-.582	.183	-.213	-2.260
328	902	-.785	.172	-.311	-1.480	340	146	-.777	.280	-.048	-1.714	350	3653	-.606	.208	-.239	-2.456
328	3652	-.733	.223	-.205	-2.090	340	365	-.745	.257	-.201	-1.956	350	3654	-.632	.255	-.157	-2.767
328	3653	-.758	.240	-.234	-2.049	340	902	-.706	.157	-.256	-1.546	352	146	-.347	.227	-.222	-1.326
328	3654	-.825	.320	-.103	-2.917	340	3652	-.626	.208	-.261	-1.838	352	365	-.804	.270	-.189	-2.265
330	146	-1.123	.259	-.472	-1.945	340	3653	-.642	.230	-.185	-1.934	352	902	-.664	.147	-.261	-1.284
330	365	-.867	.264	-.329	-2.497	340	3654	-.663	.275	-.209	-2.491	352	3652	-.581	.186	-.158	-1.612
330	902	-.760	.166	-.313	-1.492	342	146	-.678	.255	-.019	-1.746	352	3653	-.604	.208	-.155	-1.776
330	3652	-.674	.209	-.250	-1.853	342	365	-.764	.276	-.237	-2.233	352	3654	-.624	.245	-.039	-2.124
330	3653	-.690	.231	-.219	-1.944	342	902	-.717	.151	-.267	-1.305	354	146	-.283	.232	-.375	-1.393
330	3654	-.728	.294	-.166	-2.487	342	3652	-.612	.199	-.181	-1.583	354	365	-.760	.263	-.144	-1.857
332	146	-1.032	.269	-.257	-2.293	342	3653	-.635	.225	-.200	-1.775	354	902	-.656	.147	-.231	-1.273
332	365	-.809	.260	-.233	-2.036	342	3654	-.658	.269	-.164	-2.342	354	3652	-.602	.202	-.145	-2.154
332	902	-.754	.158	-.318	-1.495	344	146	-.591	.253	-.035	-1.542	354	3653	-.634	.227	-.169	-2.103
332	3652	-.691	.214	-.240	-1.994	344	365	-.749	.263	-.237	-2.572	354	3654	-.662	.276	-.046	-2.307
332	3653	-.707	.235	-.225	-2.133	344	902	-.702	.148	-.321	-1.360	356	146	-.239	.219	-.462	-1.231
332	3654	-.743	.290	-.145	-2.603	344	3652	-.601	.203	-.101	-2.048	356	365	-.792	.259	-.169	-2.394
334	146	-.942	.266	-.259	-1.915	344	3653	-.618	.222	-.069	-2.757	356	902	-.620	.142	-.178	-1.262
334	365	-.820	.268	-.235	-2.091	344	3654	-.636	.261	-.011	-2.271	356	3652	-.595	.199	-.138	-2.463
334	902	-.738	.158	-.304	-1.396	346	146	-.498	.236	-.053	-1.411	356	3653	-.629	.223	-.177	-2.257
334	3652	-.656	.205	-.201	-2.107	346	365	-.762	.273	-.231	-2.049	356	3654	-.653	.270	-.026	-2.666
334	3653	-.675	.227	-.222	-1.914	346	902	-.710	.144	-.202	-1.359	358	146	-.147	.213	-.490	-1.123
334	3654	-.711	.278	-.108	-2.434	346	3652	-.599	.197	-.217	-1.835	358	365	-.820	.282	-.123	-2.290
336	146	-.898	.261	-.126	-1.782	346	3653	-.623	.221	-.196	-1.998	358	902	-.615	.141	-.198	-1.249
336	365	-.808	.278	-.213	-2.425	346	3654	-.647	.271	-.153	-2.327	358	3652	-.619	.199	-.176	-2.156
336	902	-.715	.158	-.291	-1.597	348	146	-.445	.235	-.264	-1.422	358	3653	-.666	.228	-.166	-2.104
336	3652	-.654	.206	-.243	-2.056	348	365	-.742	.257	-.212	-2.318	358	3654	-.704	.288	-.059	-2.574