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WIND-TUNNEL STUDY OF  
601 MAIN STREET, TULSA

by

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



**FLUID MECHANICS AND  
WIND ENGINEERING PROGRAM**

**COLLEGE OF ENGINEERING**

**COLORADO STATE UNIVERSITY  
FORT COLLINS, COLORADO**

Engineering Sciences

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## LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
$\nu, \rho$	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
$U_{\infty}$	Reference mean velocity outside the boundary layer
X, Y	Horizontal coordinates
Z	Height above surface
$\delta$	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
$p_{\infty}$	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, $\frac{F_y}{A_R 0.5\rho U_{\infty}^2}$

## PREFACE

This model study was undertaken to define wind loads on the proposed 601 Main Street building in Tulsa. This building is a redesign of a building on the same site for which an earlier wind-tunnel study was performed (J. A. Peterka and J. E. Cermak, "Wind-Tunnel Study of Sixth and Main Building, Tulsa," Technical Report CER82-83JAP-JEC2, Fluid Mechanics and Wind Engineering Program, Colorado State University, July 1982). The design changes were sufficient to require a retest of the building for wind loads. The wind loads for the new building shape are provided in this report.

Because the pedestrian environment at the sidewalk level was not expected to change by a significant amount due to the design changes, pedestrian winds were not remeasured. The data from the earlier report are repeated in this report for completeness.

For economy, a new film of flow about the building was not produced. The scene guide from film obtained during the earlier test is reproduced as Table 1.

Pressure measurements for the new building shape were made using the same surrounding city model as was used for the earlier study.



## 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  $UD/\nu$  be similar for model and prototype. Since  $\nu$ , 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  $U_{\text{rms}}$  (root-mean-square velocity) was obtained from

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

where  $E_{\text{rms}}$  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  $U_{\infty}$ . 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,  $\delta$ , is shown in Figure 7. The corresponding prototype value of  $\delta$  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  $U/U_\infty$ , turbulence intensity  $U_{rms}/U_\infty$ , 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

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

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

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

frequency with which any given pressure level would be observed.

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

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

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

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

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

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

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

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

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

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

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

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

#### 4.4 Forces and Moments

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

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

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

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

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

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

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



## 5. DISCUSSION

### 5.1 Flow Visualization

Flow visualization conclusions from the earlier study (see Preface) were valid for the retest configuration.

Flow patterns identified with smoke showed that the largest pressures on the building would most likely be found near the setbacks toward the top of the building where high curvature was observed in the flow about the setbacks. This curvature is often associated with vortex formation which is an indication of possible high local negative (outward-acting) pressures. Flow separation observed at corners of the building at lower elevations may lead to high negative pressures also.

Wind flow in pedestrian areas showed that the wind at the northeast corner of the building on Sixth Street and at the northwest corner at Sixth and Main streets was relatively strong for selected wind directions.

### 5.2 Pedestrian Winds

Pedestrian winds were not retested for this project (see Preface). The discussion of pedestrian winds from the earlier report is reproduced below. Figure 4b contains the site plan in effect for the pedestrian wind measurements.

Figure 4 shows the 17 locations selected for investigation of pedestrian wind comfort. Locations 1 and 2 at the corner of Fifth and Boston streets were selected as reference locations which should be reasonably undisturbed by presence of the Sixth and Main building. Table 2 and Figure 8 show that the largest values of mean velocity were measured at location 6 at the northeast corner of the building and at reference location 1 with a value of 70 percent of the mean velocity,  $U_{\infty}$ , at the height of the boundary layer at 1250 ft. For comparison,

the mean velocity in an open-country environment might be about 40 to 45 percent of  $U_{\infty}$ . Many pedestrian locations had mean velocities which were equal to or less than that expected in an open-country environment.

The largest values of fluctuating velocity,  $U_{rms}$ , were measured at location 7 with values of 19 percent of  $U_{\infty}$ . This largest value is not large for a city environment. The largest value at reference location 2 was 17 percent while a value of 10 to 12 percent of  $U_{\infty}$  might be expected in an open-country environment. The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at reference location 2 and location 6 with values of 118 and 110 percent of  $U_{\infty}$ , respectively. In an open-country environment, the largest values of peak gust expected might be 80 to 90 percent of  $U_{\infty}$ .

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest locations about the base of the Sixth and Main building are predicted to be locations 11, 13, and 14 along the Main Street side of the building. These locations are predicted to border on an unacceptably windy classification for up to 10 percent of the time for mean winds. Reference location 2 has about the same level of windiness as these worst locations. Other areas about the building are significantly lower in wind speed than the reference location. Wind gusts are predicted to be of less concern than mean winds.

The results of the pedestrian wind study showed that the windiest locations about the base of the building were about as windy as one of the two reference wind locations and would be sufficiently windy to border on an unacceptable wind environment for up to 10 percent of the time based on the acceptance criteria used. The acceptance criteria

itself should be judged against the acceptability of the two reference locations since Tulsa is a windier-than-average city and its pedestrians may tolerate higher wind speeds than in less windy cities. Foliage in the sidewalk area, if feasible, would tend to lower wind velocities somewhat.

### 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 obtained in Configuration A to ensure that the largest peaks were obtained. The largest peak pressure coefficients measured on the building ranged up to -2.6 measured at tap locations 112, 345 and 356. These taps are all adjacent to corners or setbacks of the structure. One tap, number 345, showed a significant decrease in peak pressure between repeat measurements of Configurations A and B. This is due to a natural variability in peak pressure inherent in the physics of the flow. Recent research in this laboratory indicates that an average of these two coefficients represents an acceptable design value. These largest peak coefficients represent, using the 50-year recurrence wind reference pressure of Table 5 and an average of peak pressures between Configurations A and B, peak cladding pressures of up to 60 psf. Figure 10 shows that most areas of the building had peak negative pressures in the 20 to 40 psf range. Peak positive pressures, also shown in Figure 10, ranged up to 30 psf.

Figure 11 shows load, shear and moment distributions plotted from Table 7 for the largest loads in the X and Y directions. For the wind direction giving the largest base moment about the X or Y axes, the base moment about the other axis is of similar magnitude. The summary page of Table 7 shows that torsional loads on the building were not significant.

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**FIGURES**

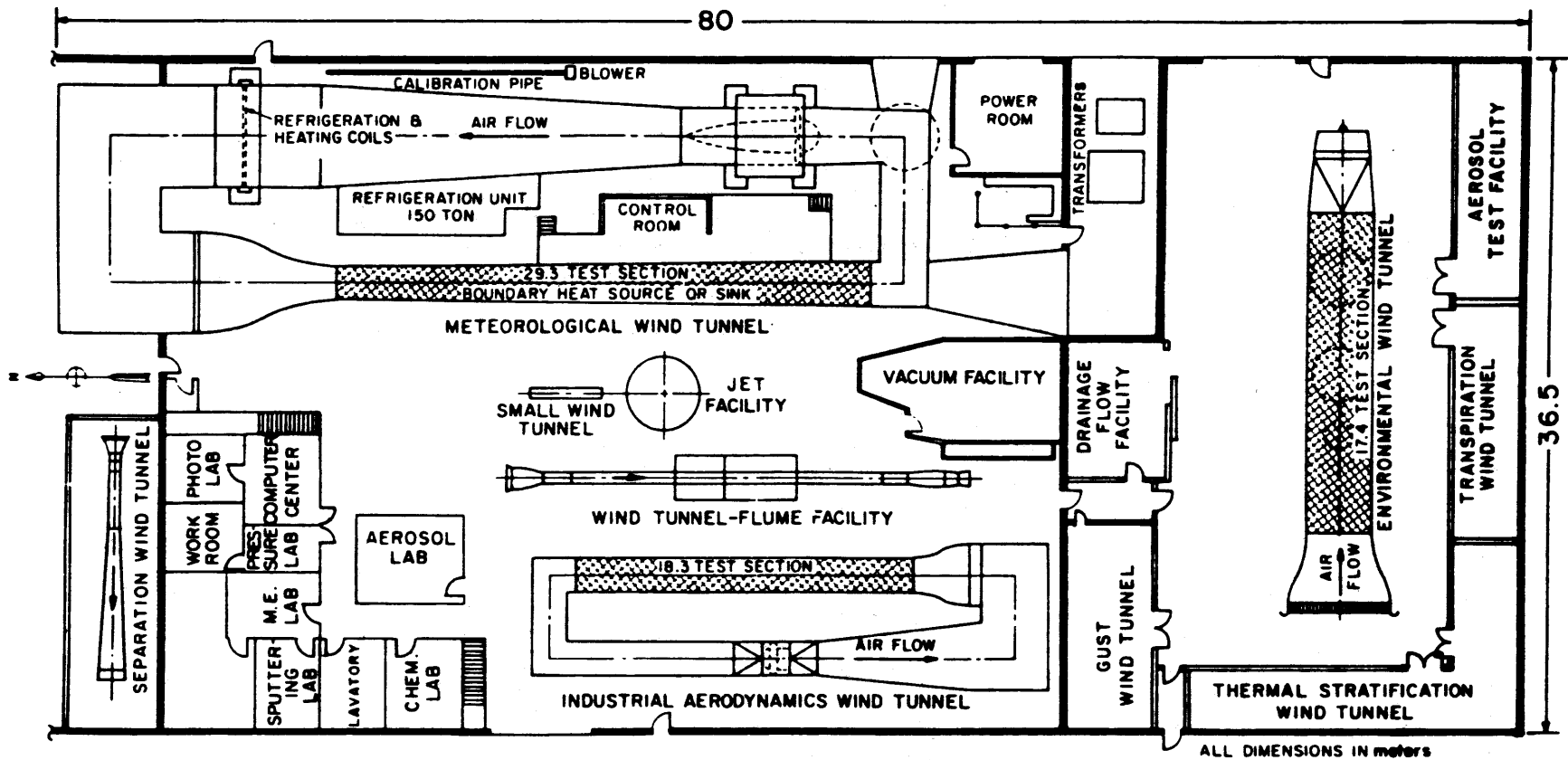
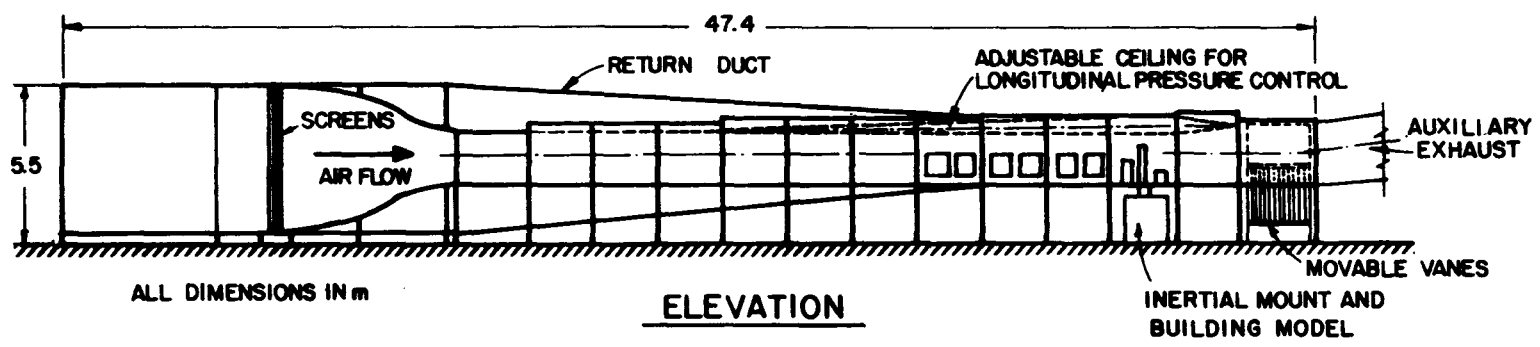
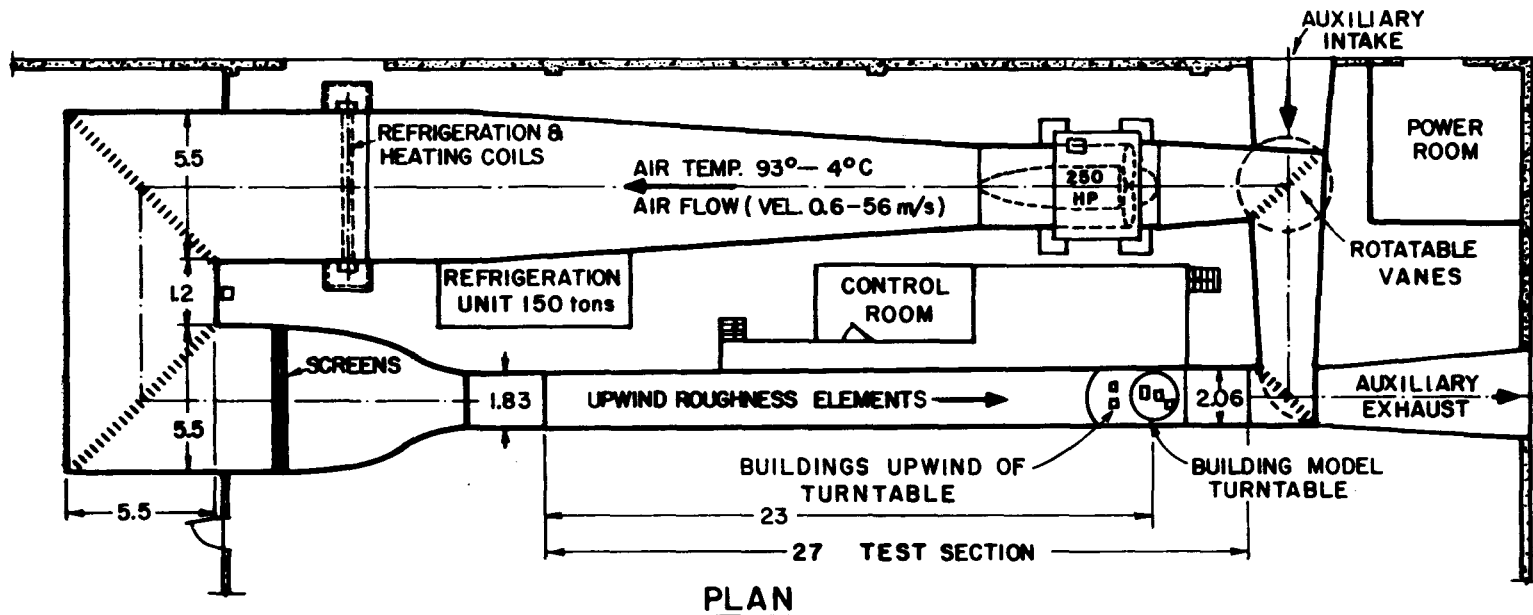


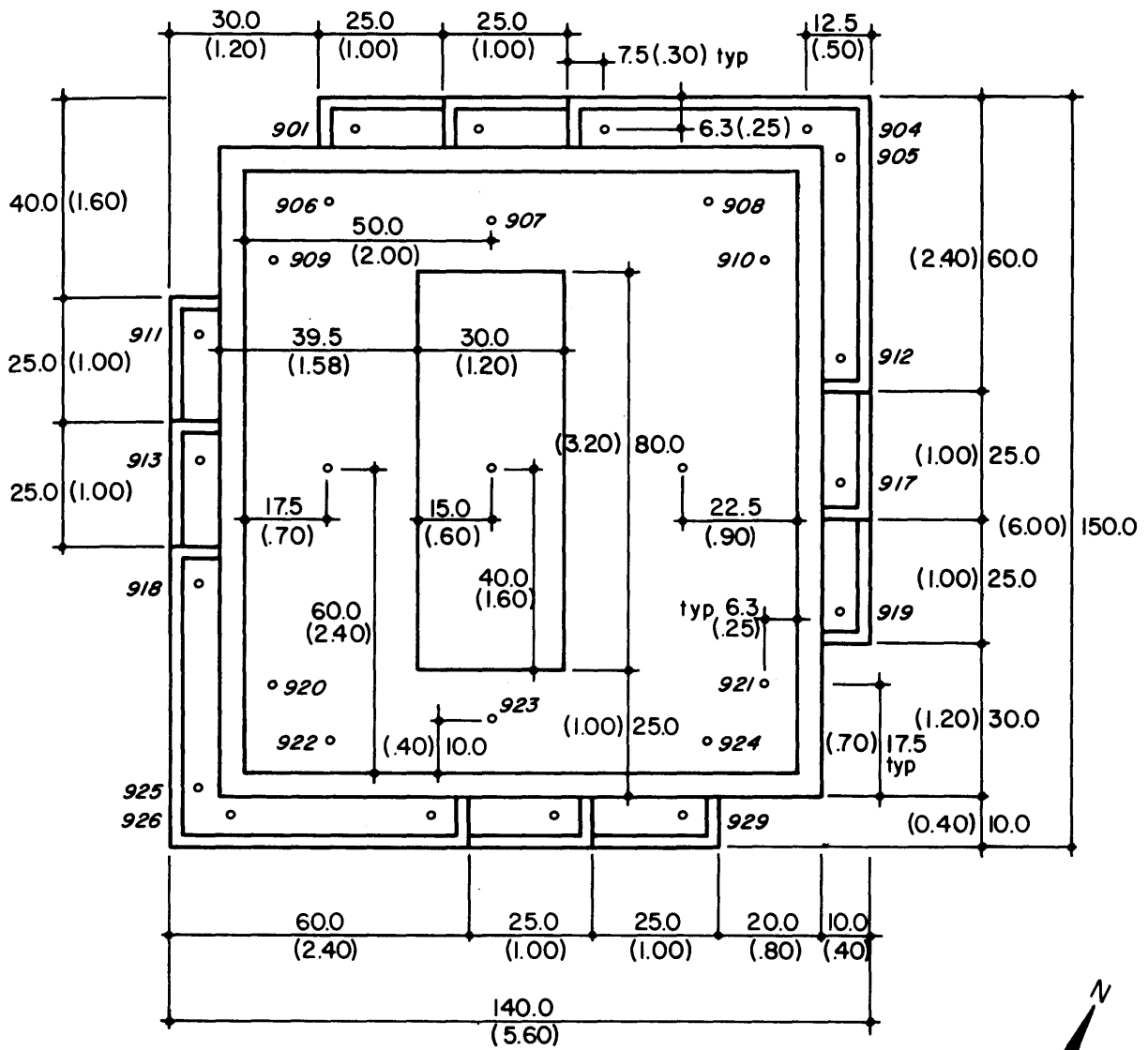
Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY  
 COLORADO STATE UNIVERSITY



**METEOROLOGICAL WIND TUNNEL**

Figure 2. Wind-Tunnel Configuration





ROOF

TOTAL TAPS = 374  
 MODEL SCALE = 1/300

Dimensions in model inches  
 & full scale feet

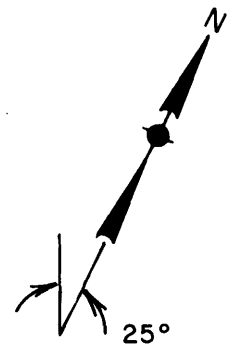


Figure 3a. Pressure Tap Locations

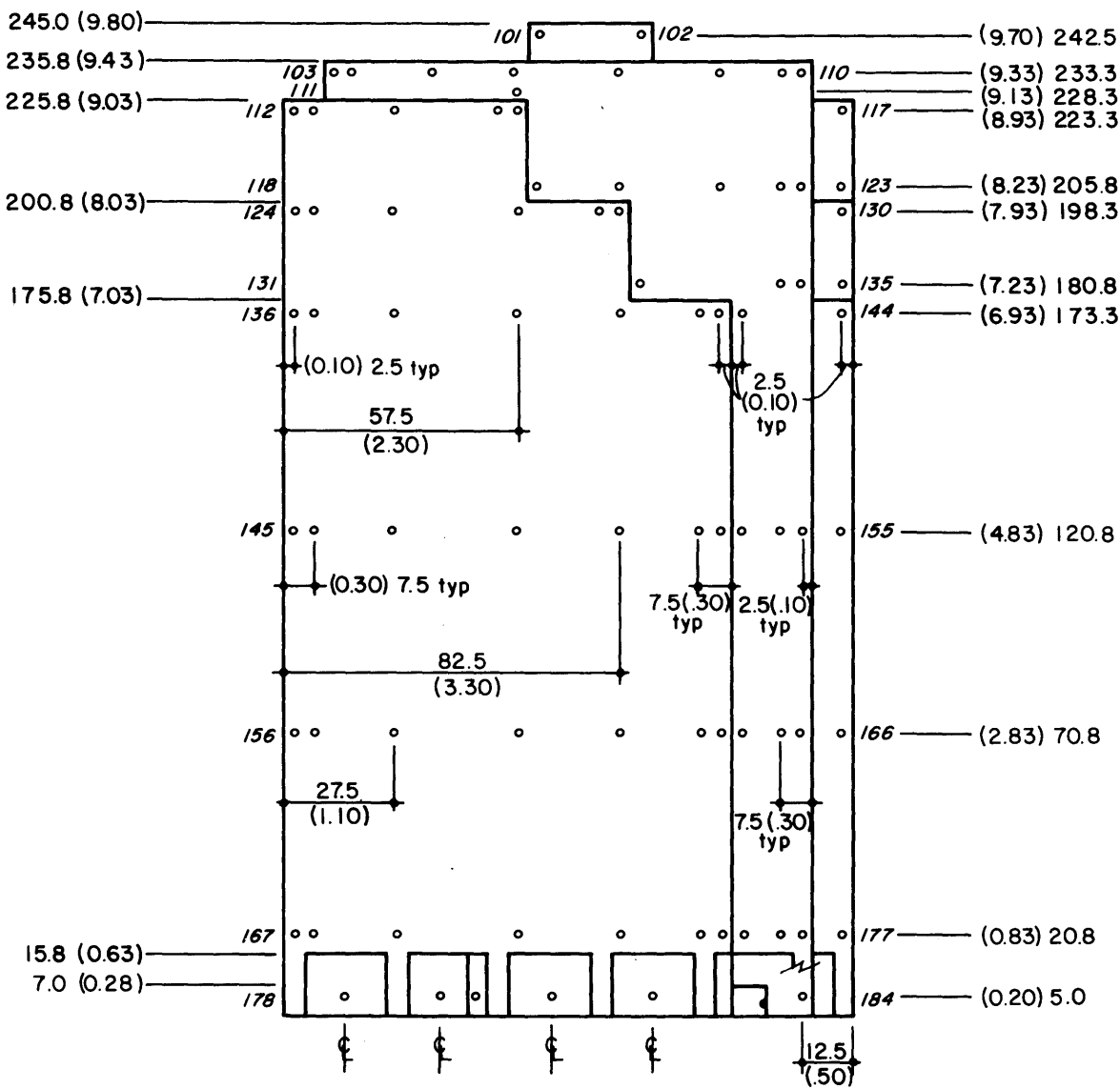
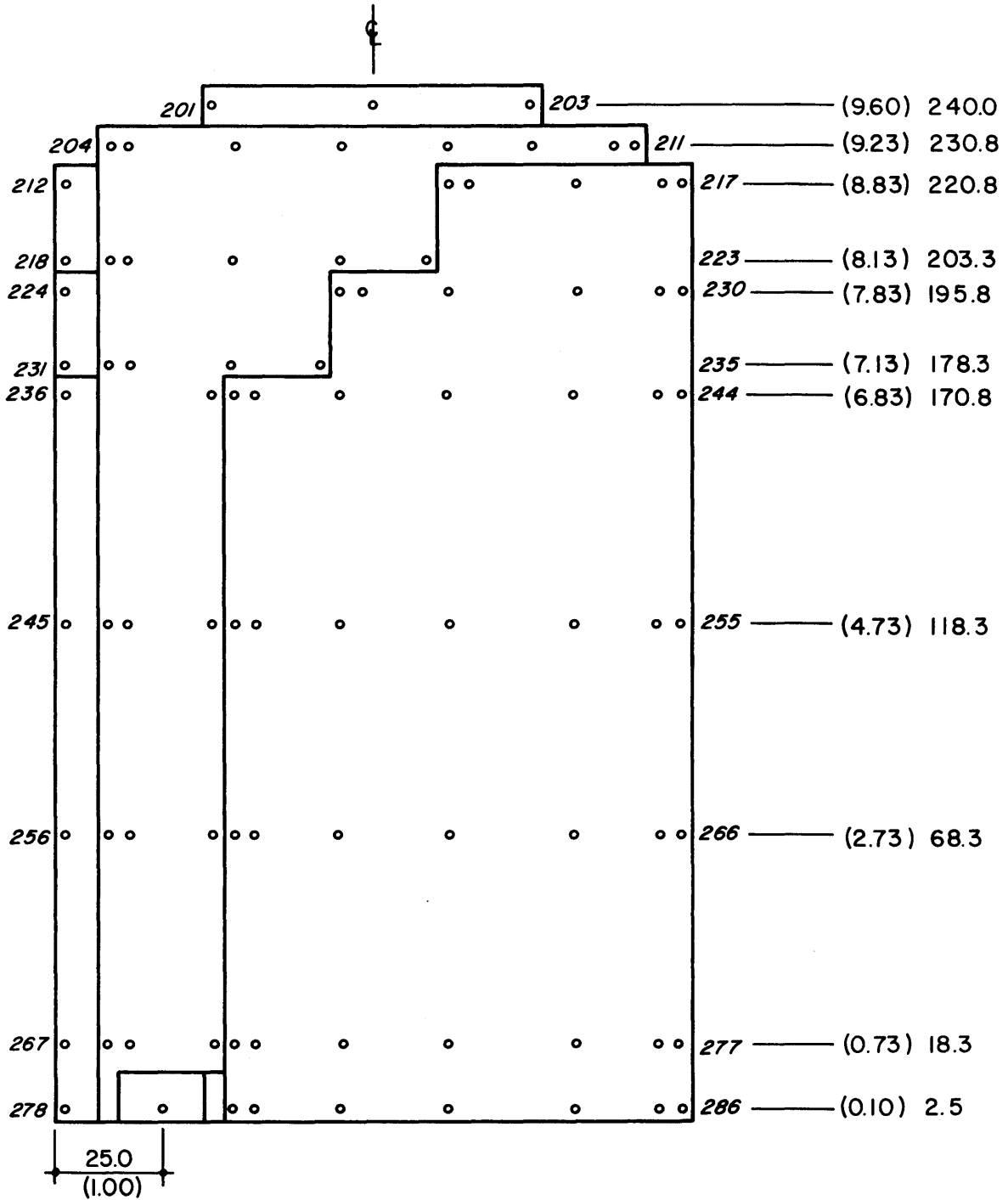
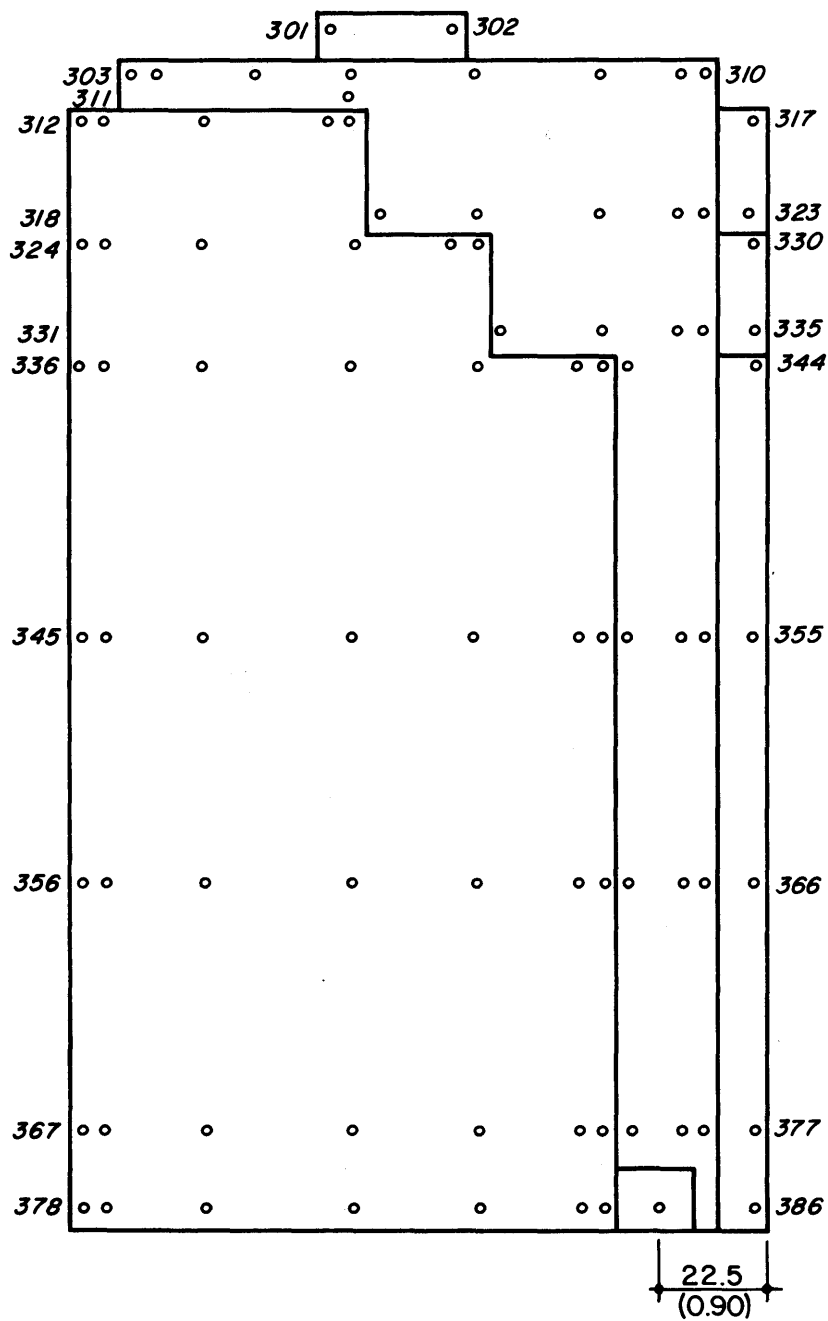


Figure 3b. Pressure Tap Locations



EAST

Figure 3c. Pressure Tap Locations



SOUTH

Figure 3d. Pressure Tap Locations

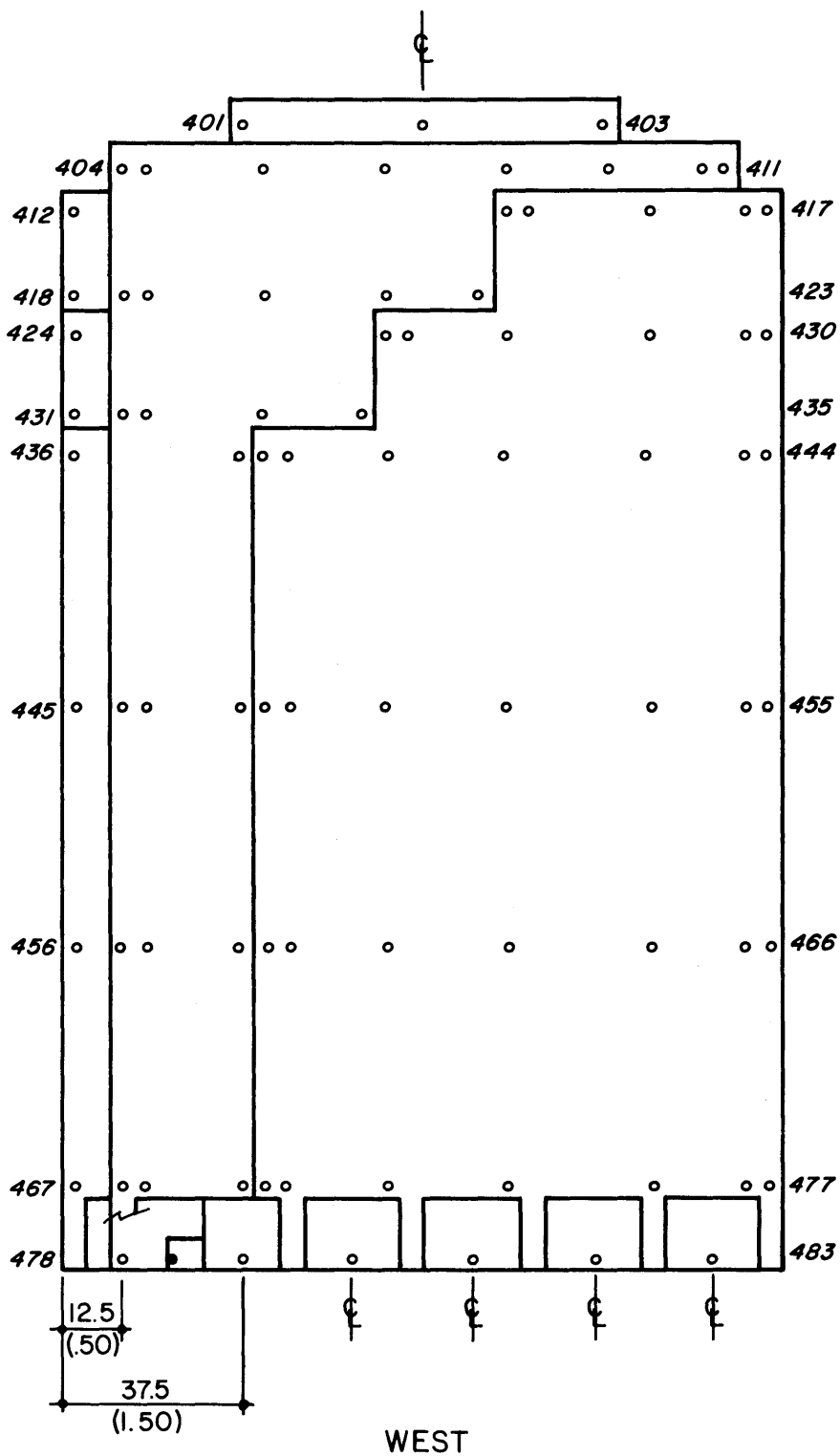
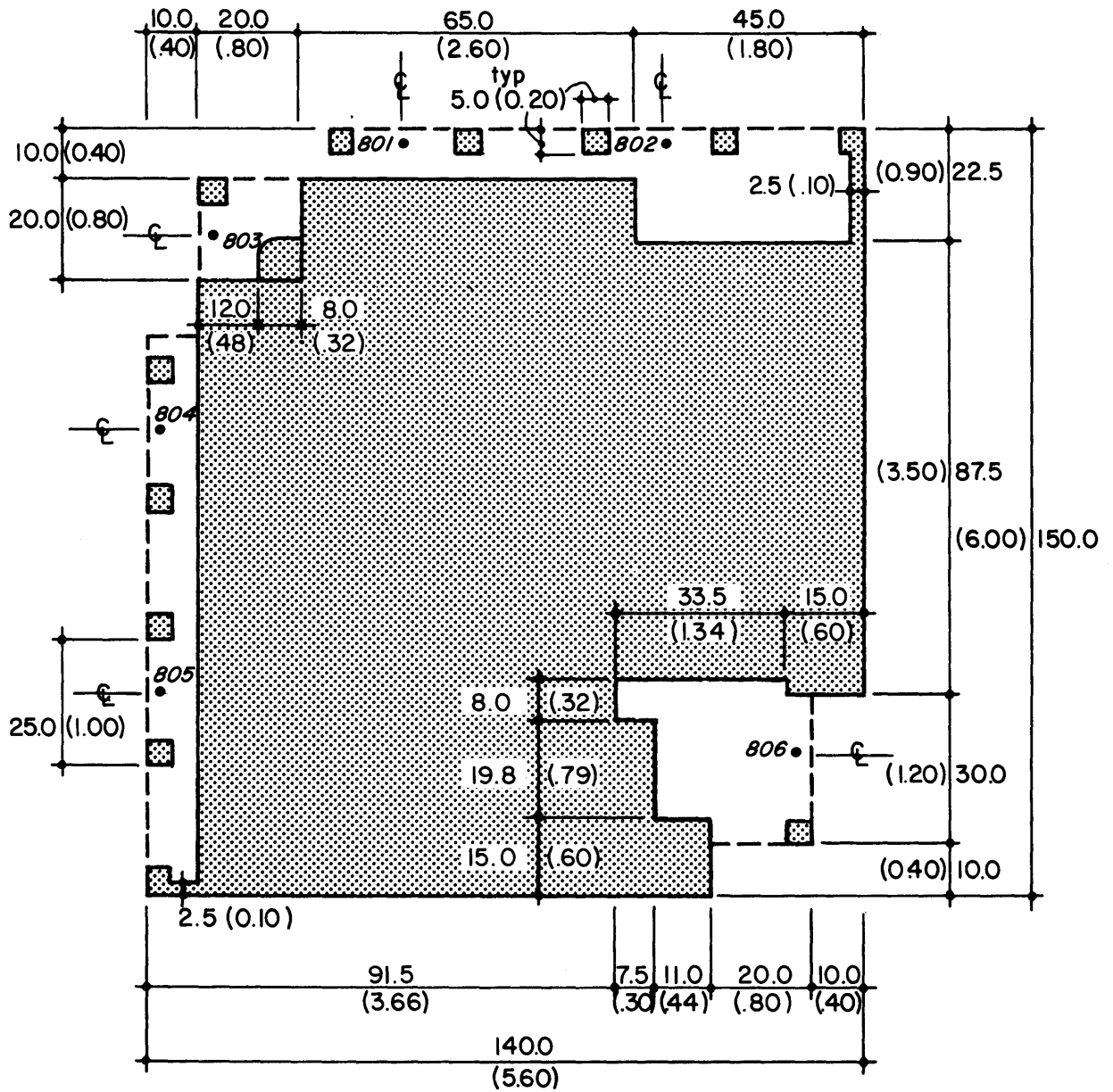
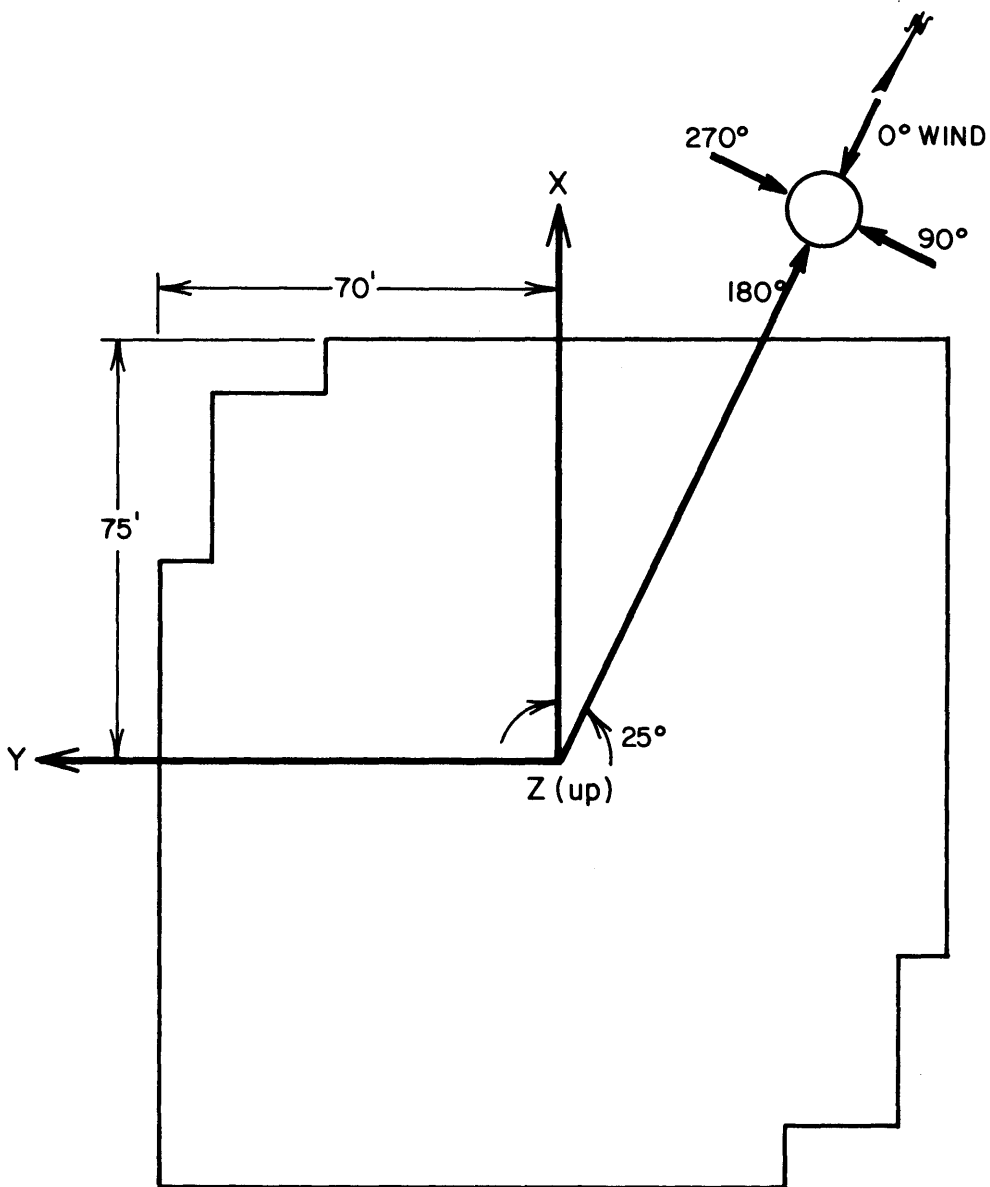


Figure 3e. Pressure Tap Locations



SOFFIT

Figure 3f. Pressure Tap Locations



COORDINATE SYSTEM  
Z = 0 at 1<sup>st</sup> Level

Figure 3g. Pressure Tap Locations

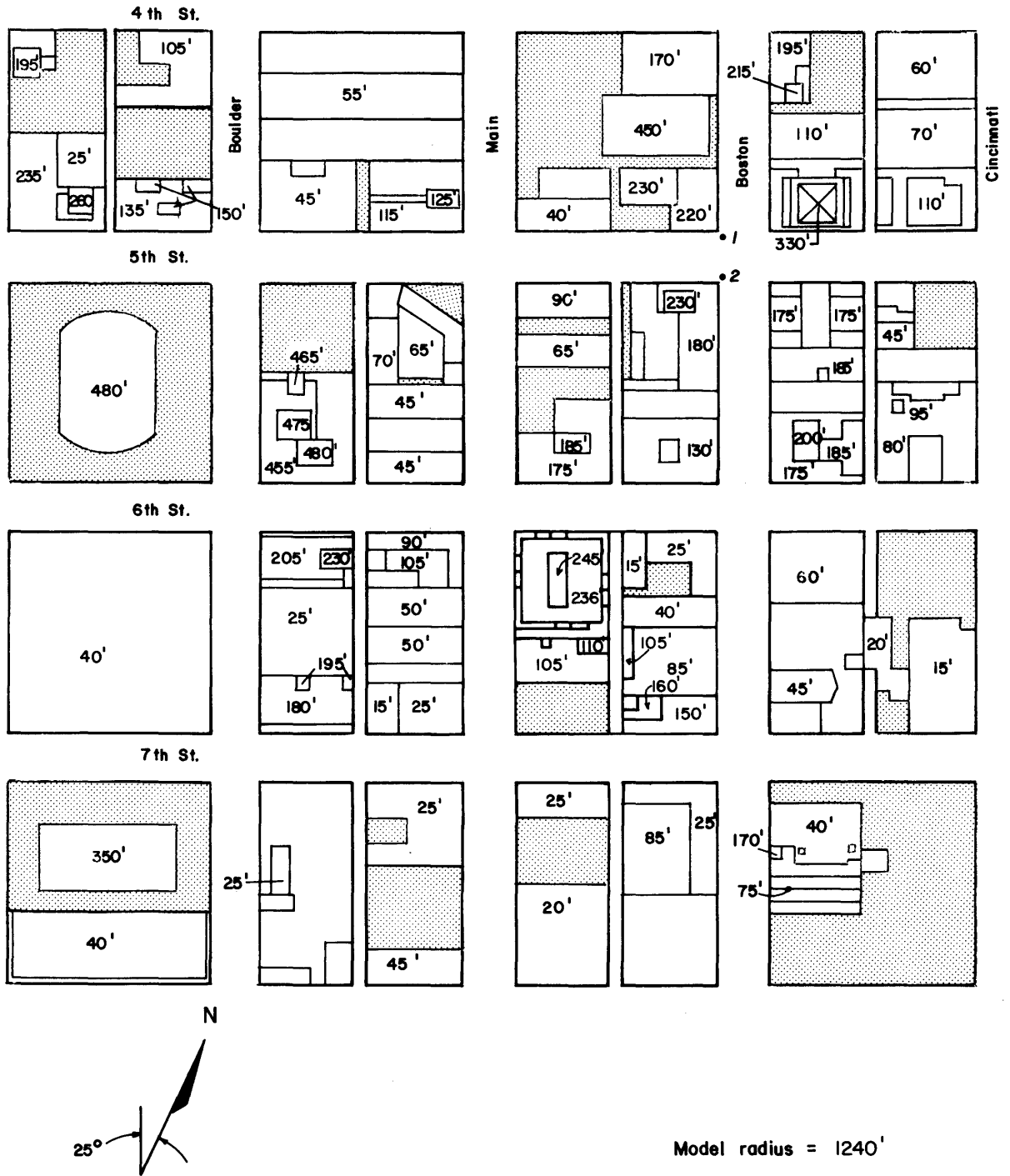


Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions



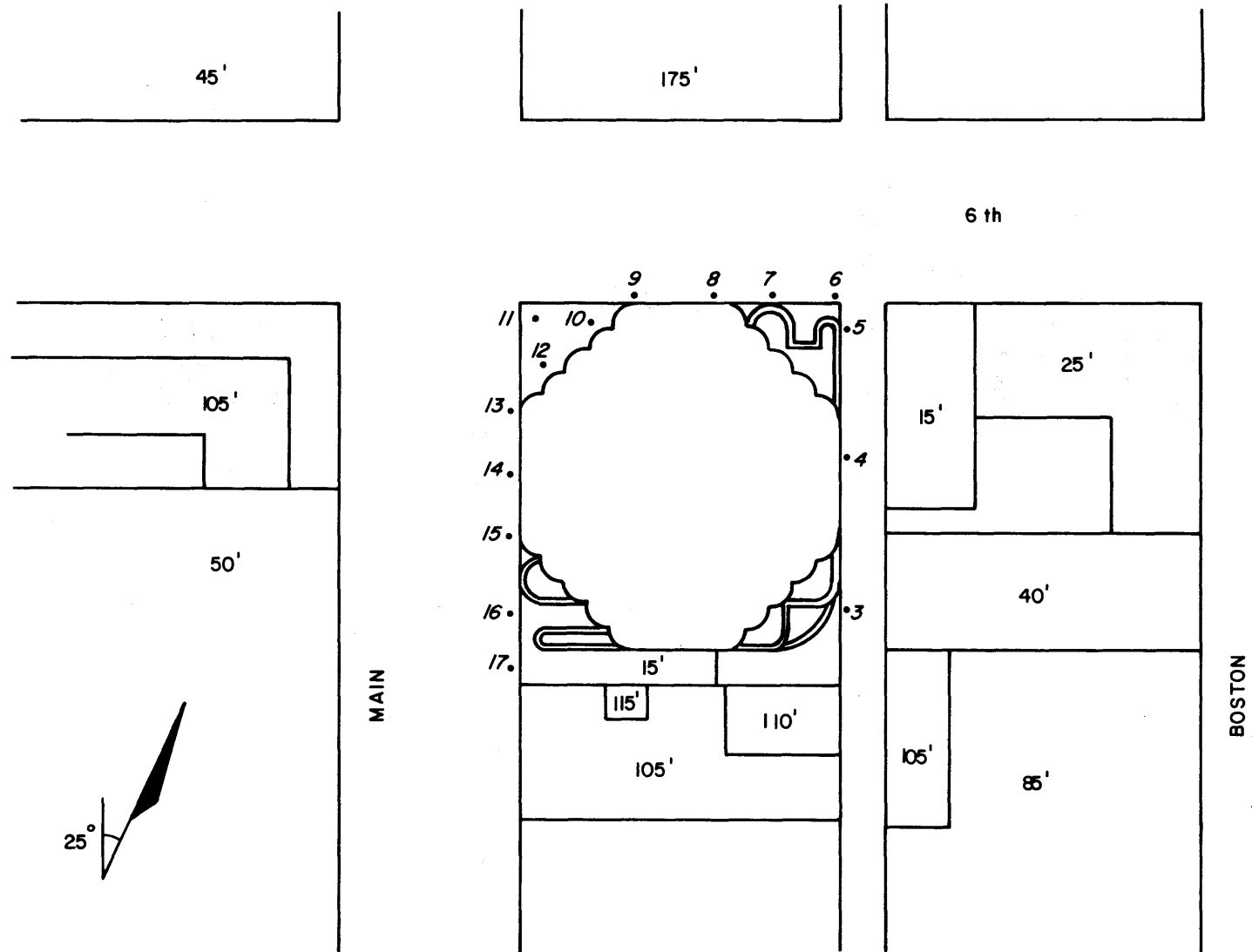


Figure 4b. Building Location and Pedestrian Wind Velocity Measuring Positions

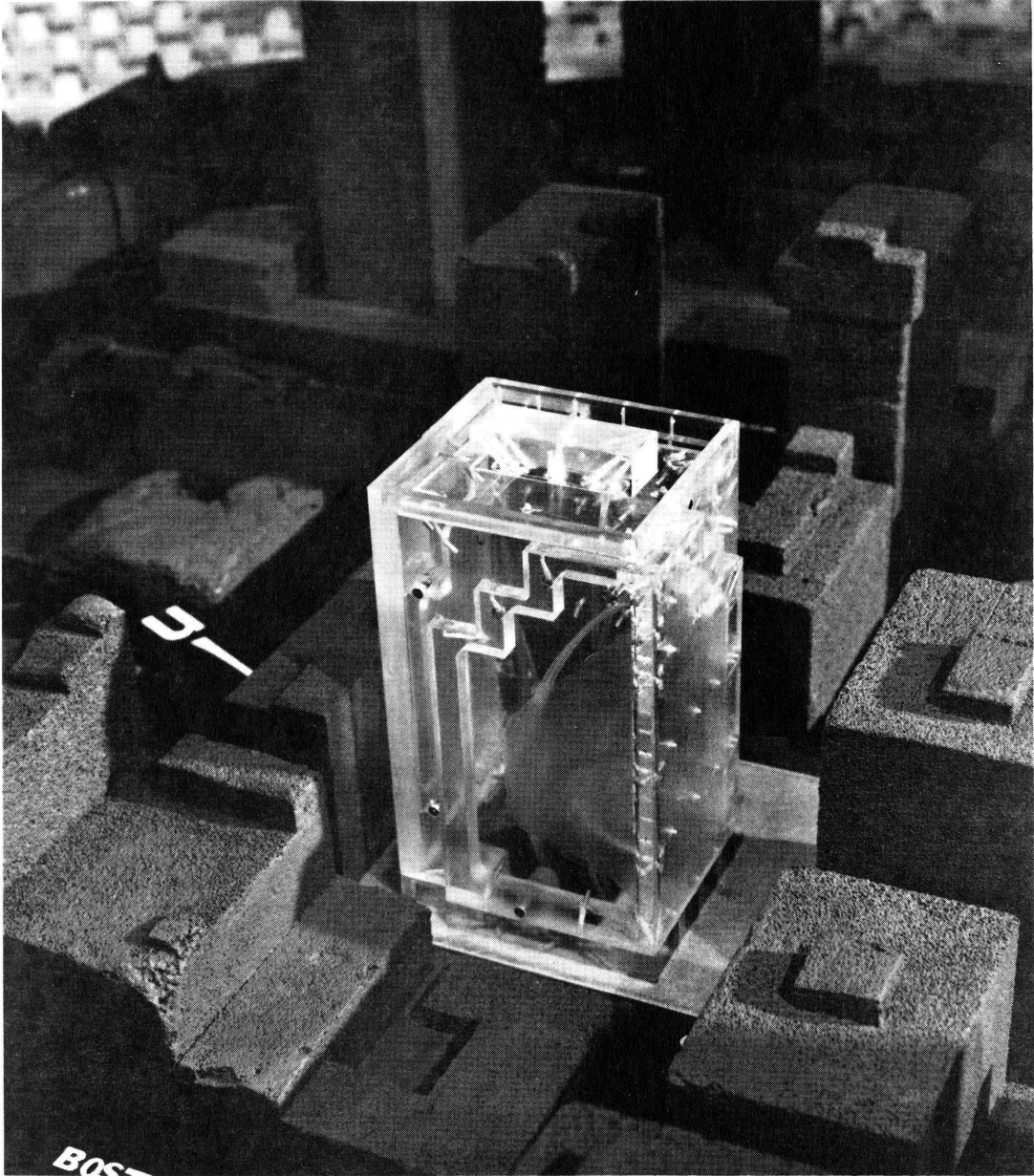


Figure 5. Completed Model in Wind Tunnel

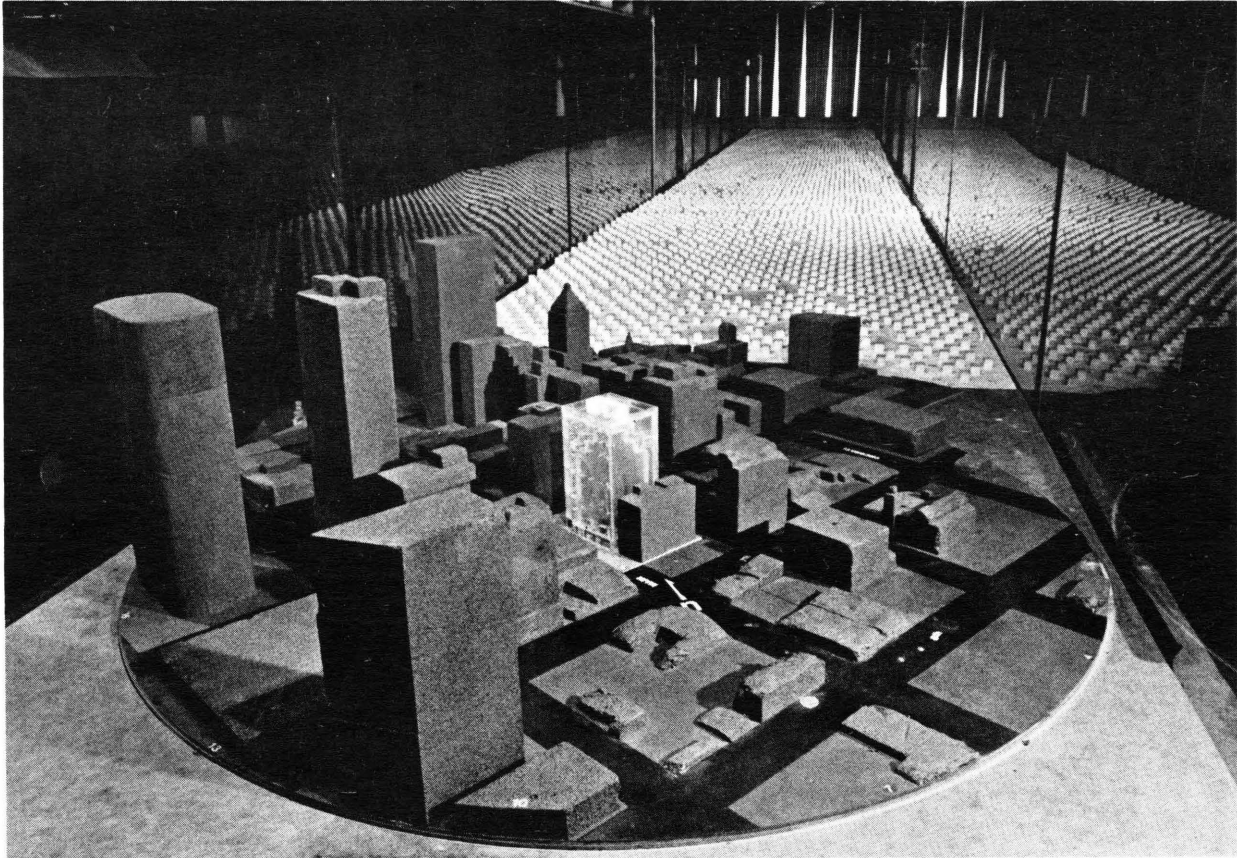


Figure 5. Completed Model in Wind Tunnel

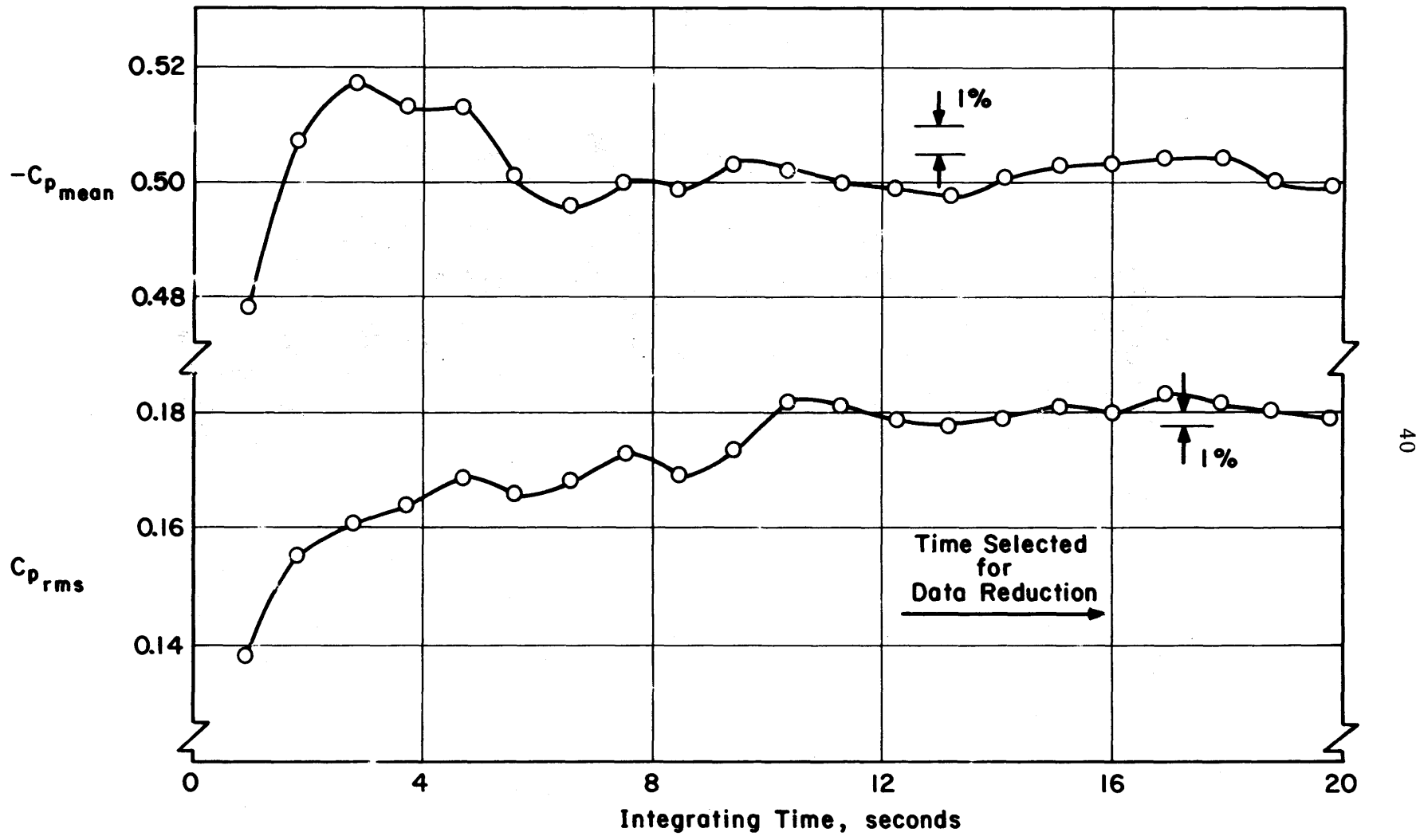


Figure 6. Data Sampling Time Verification

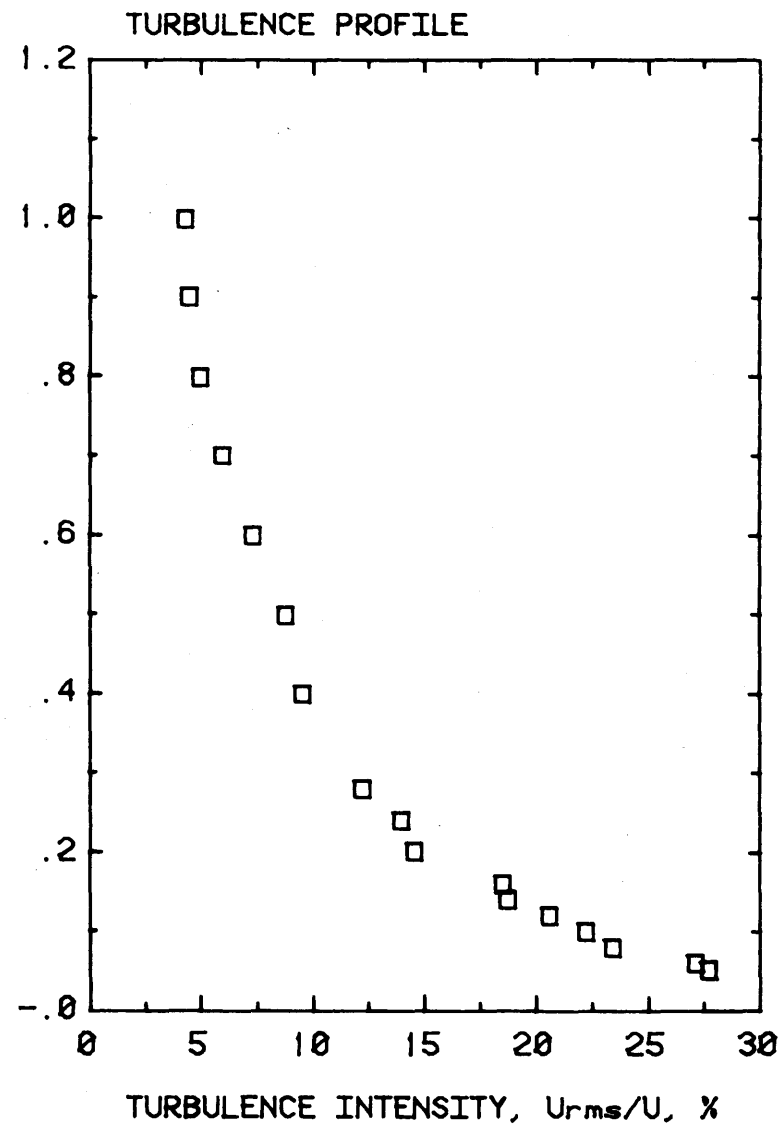
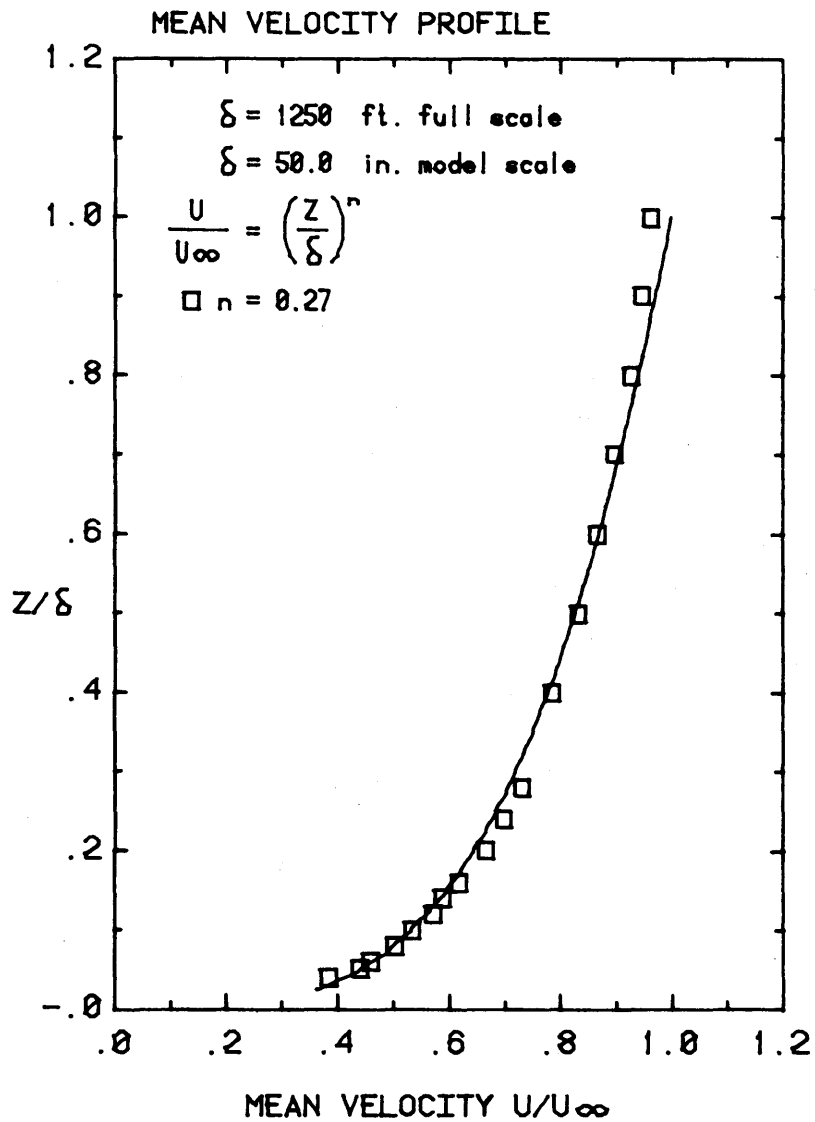


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

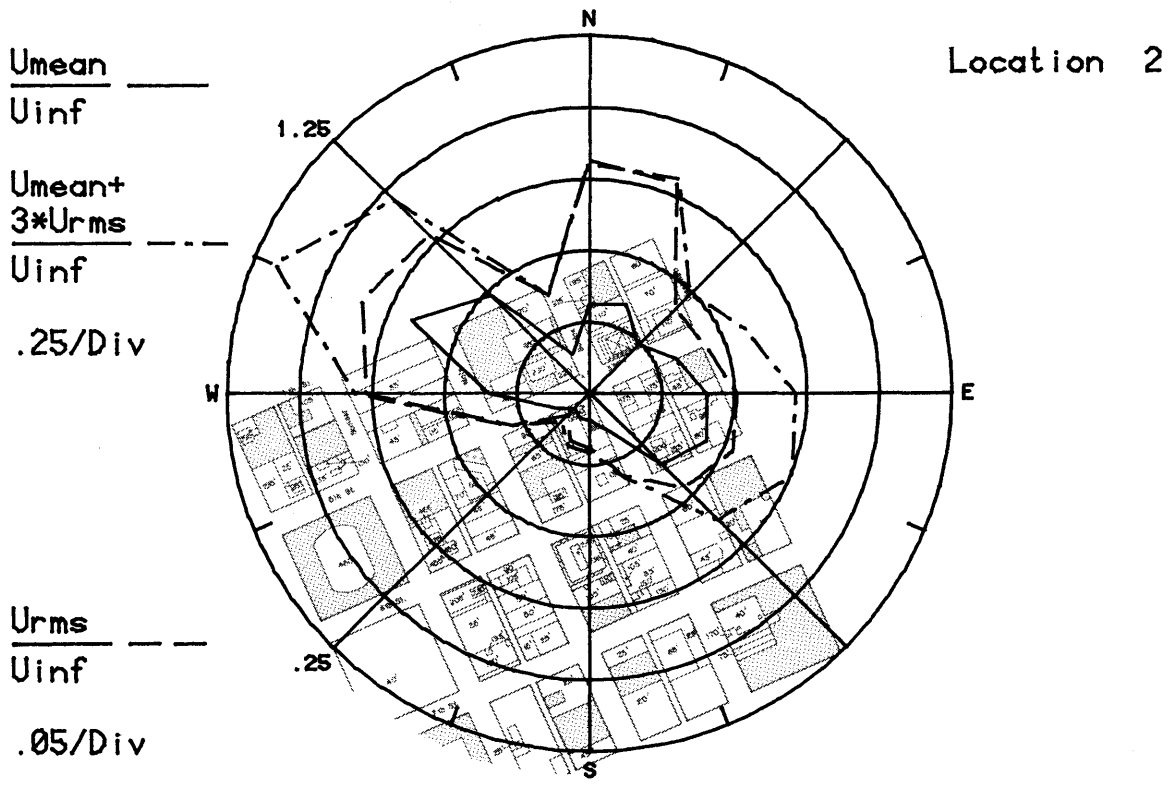
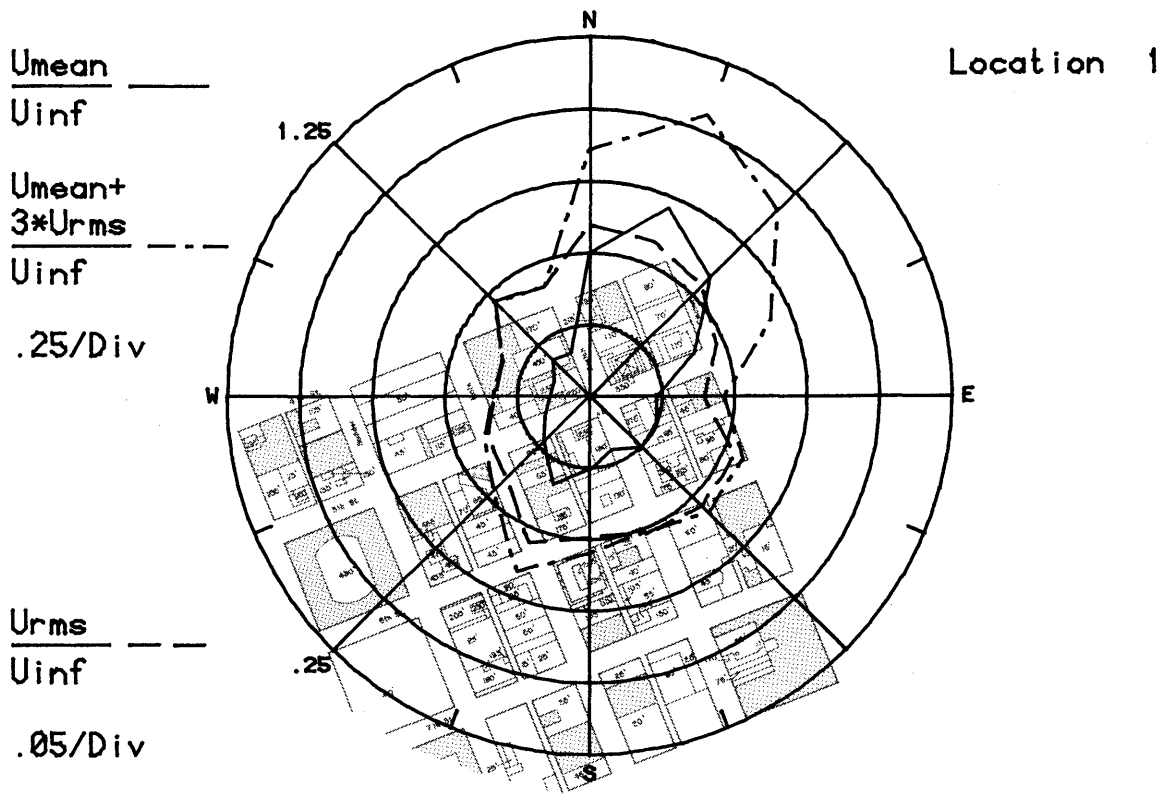


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

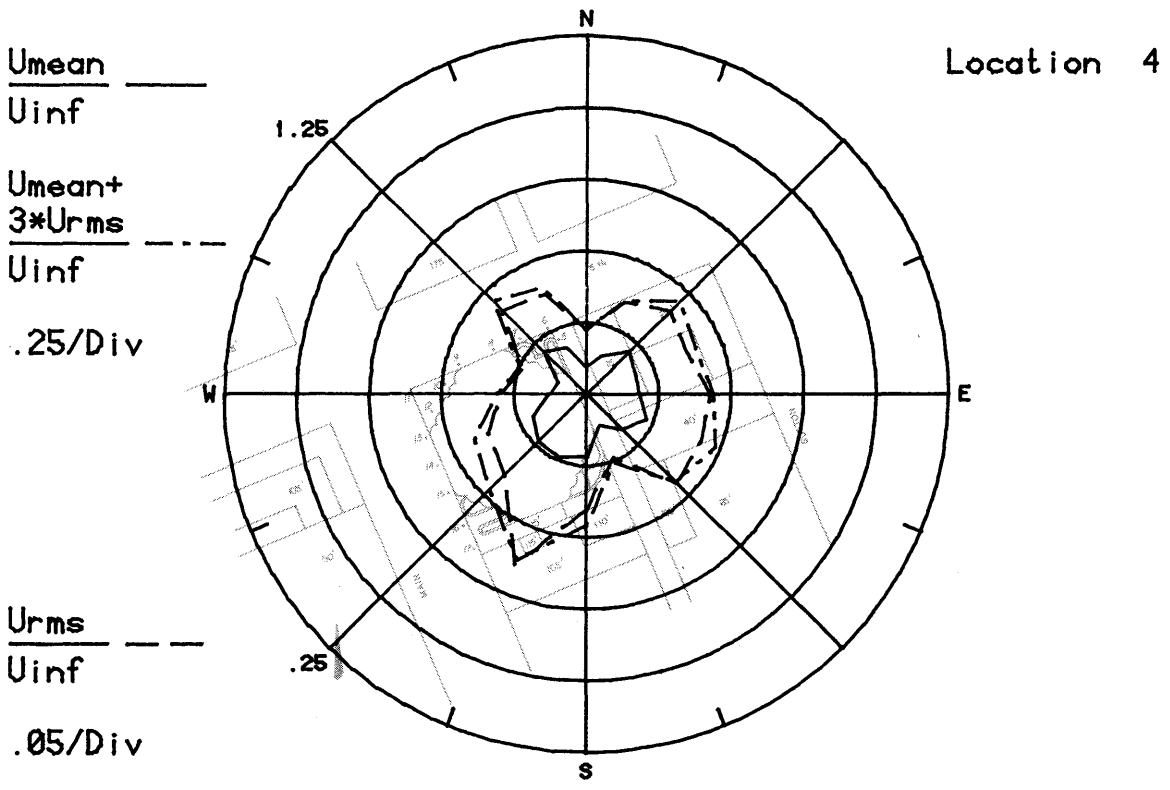
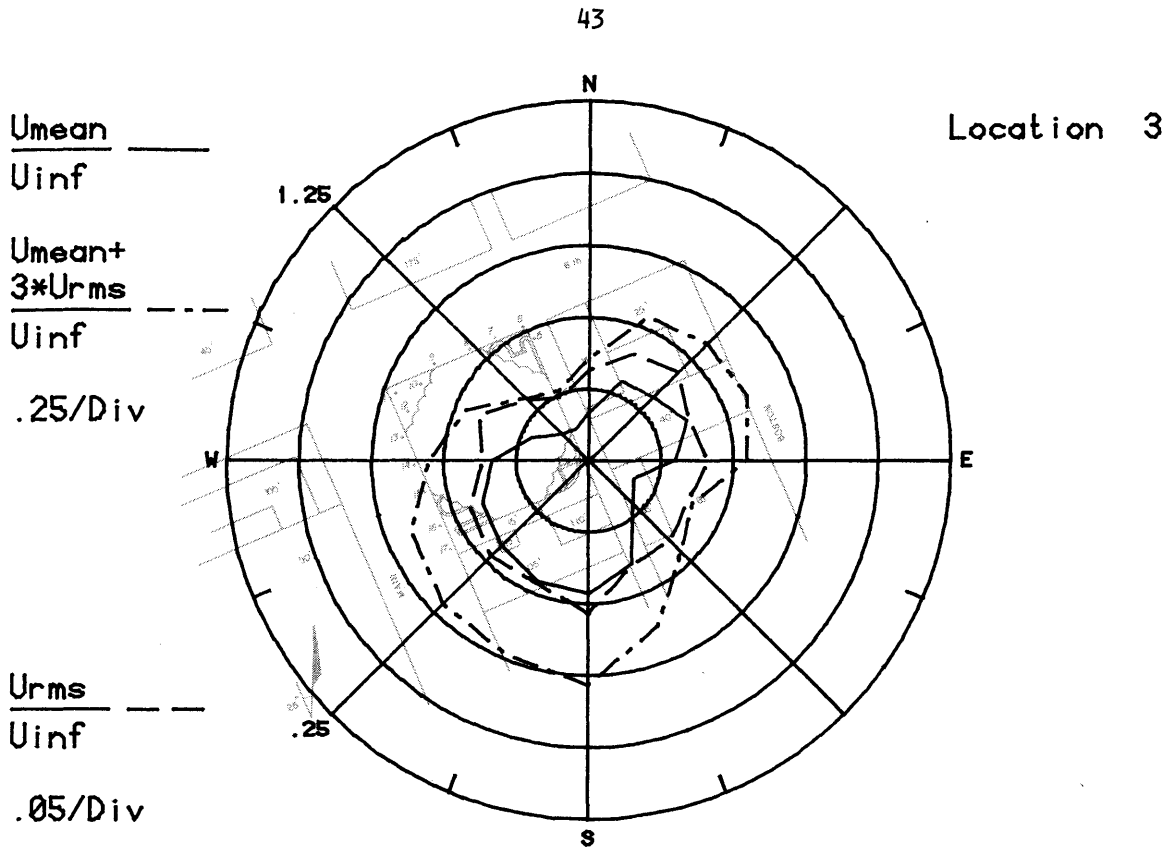


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

44

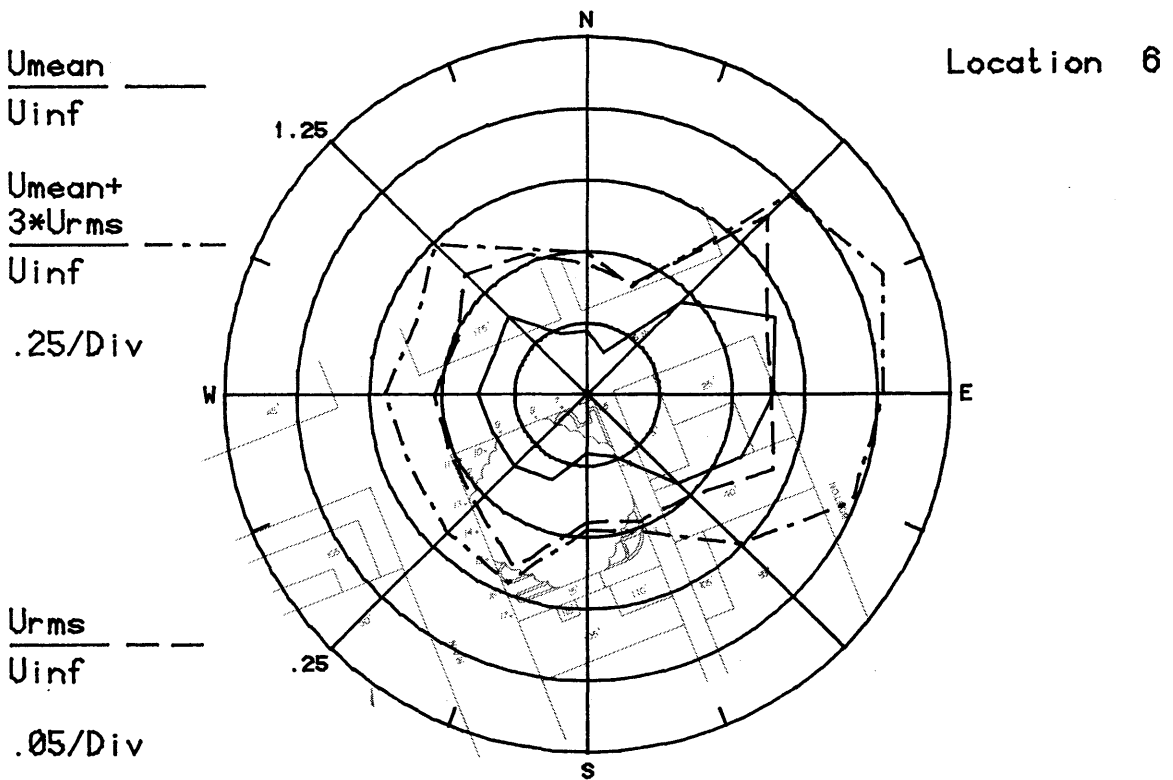
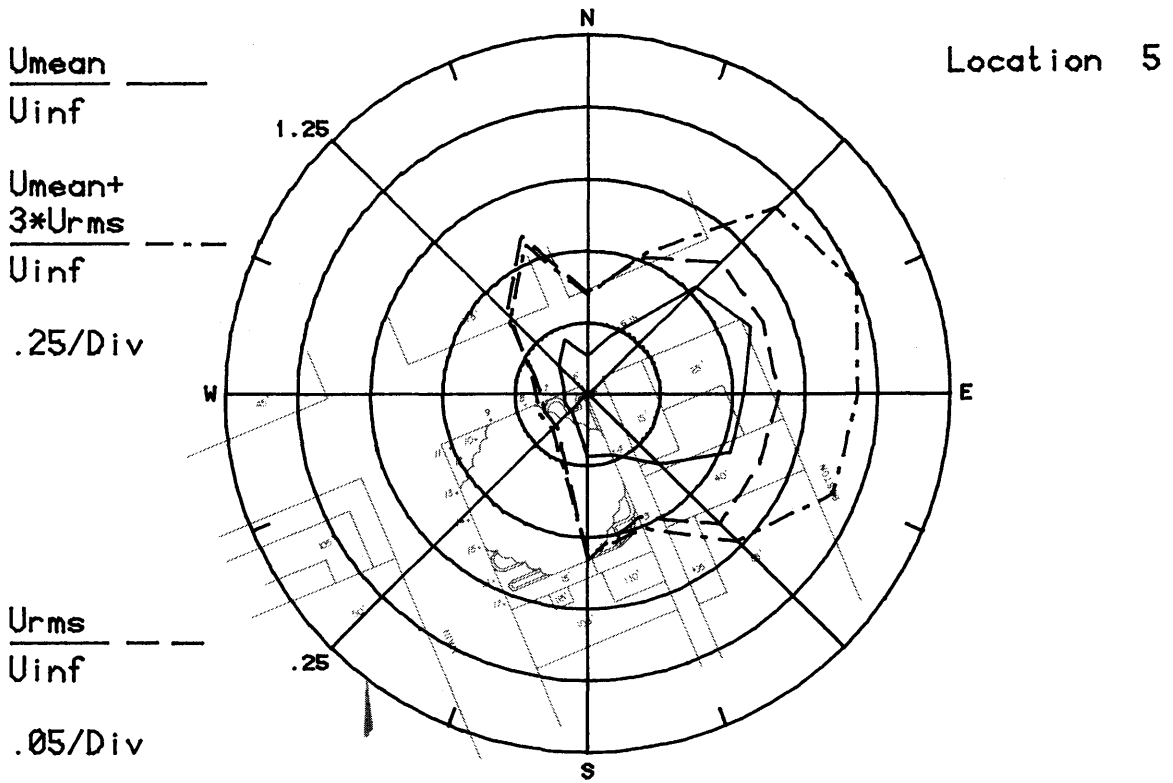


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6



$\frac{U_{mean}}{U_{inf}}$  ———

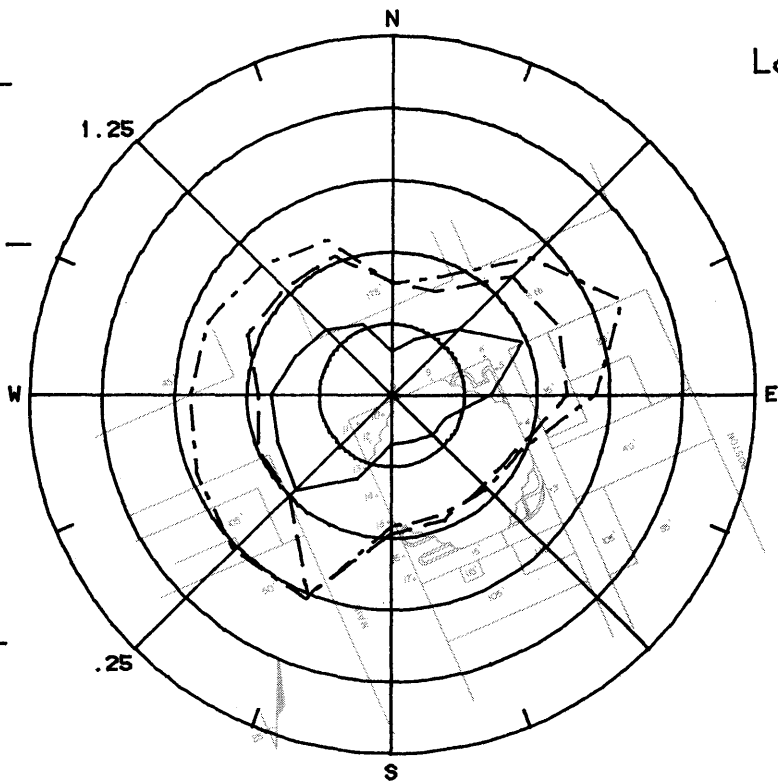
Location 9

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

.25/Div

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

.05/Div



$\frac{U_{mean}}{U_{inf}}$  ———

Location 10

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

.25/Div

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

.05/Div

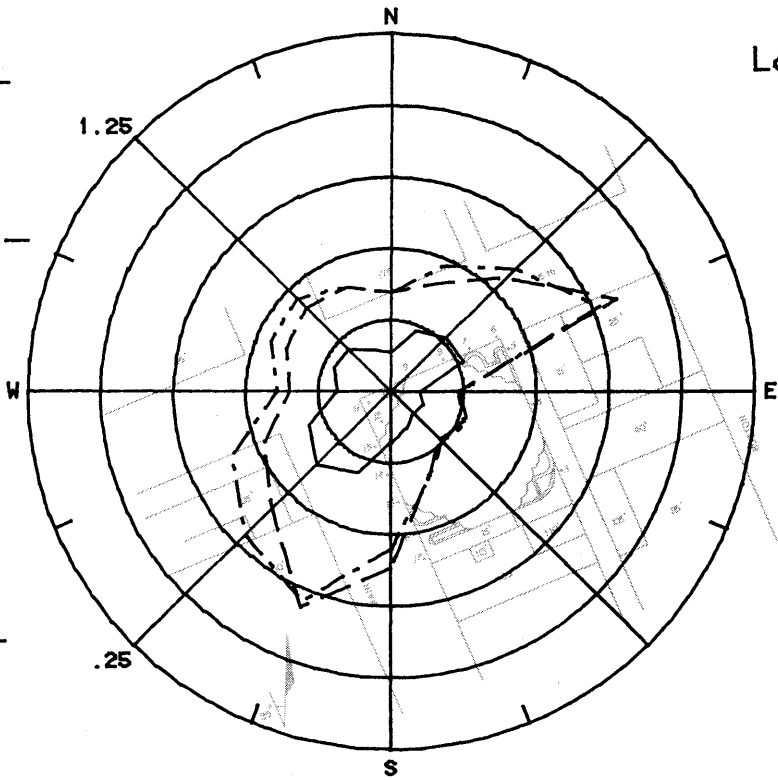


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

47

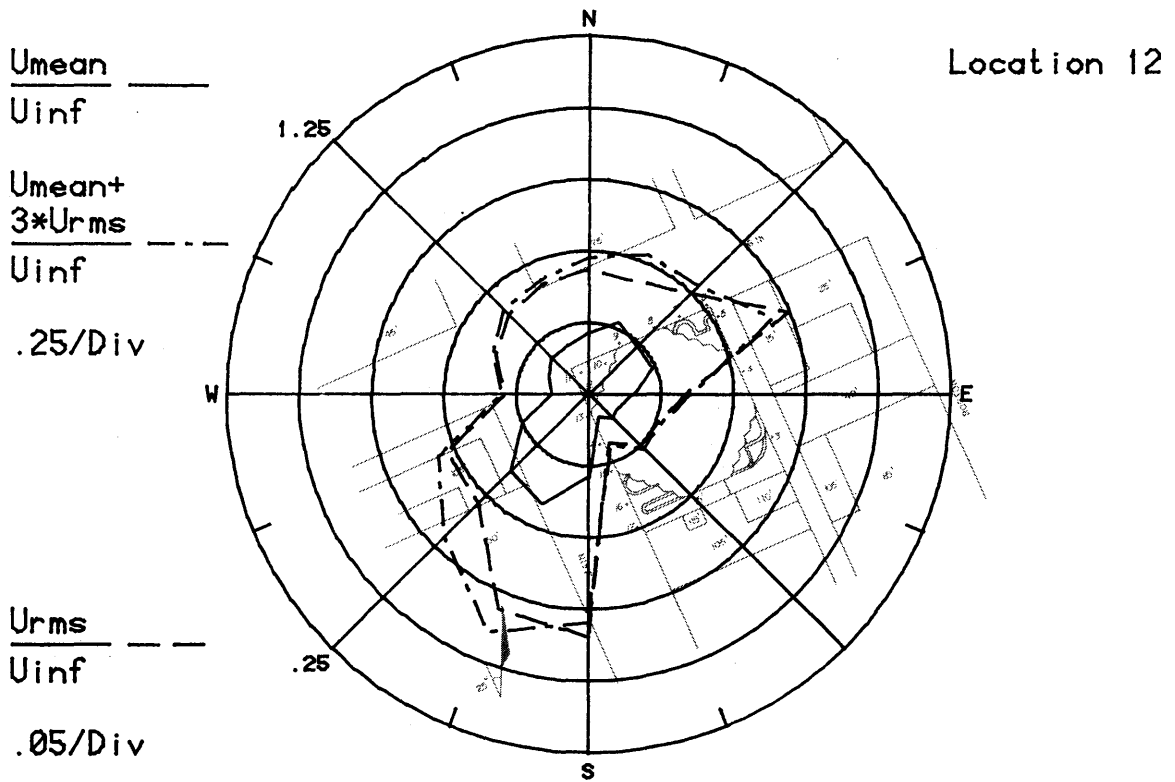
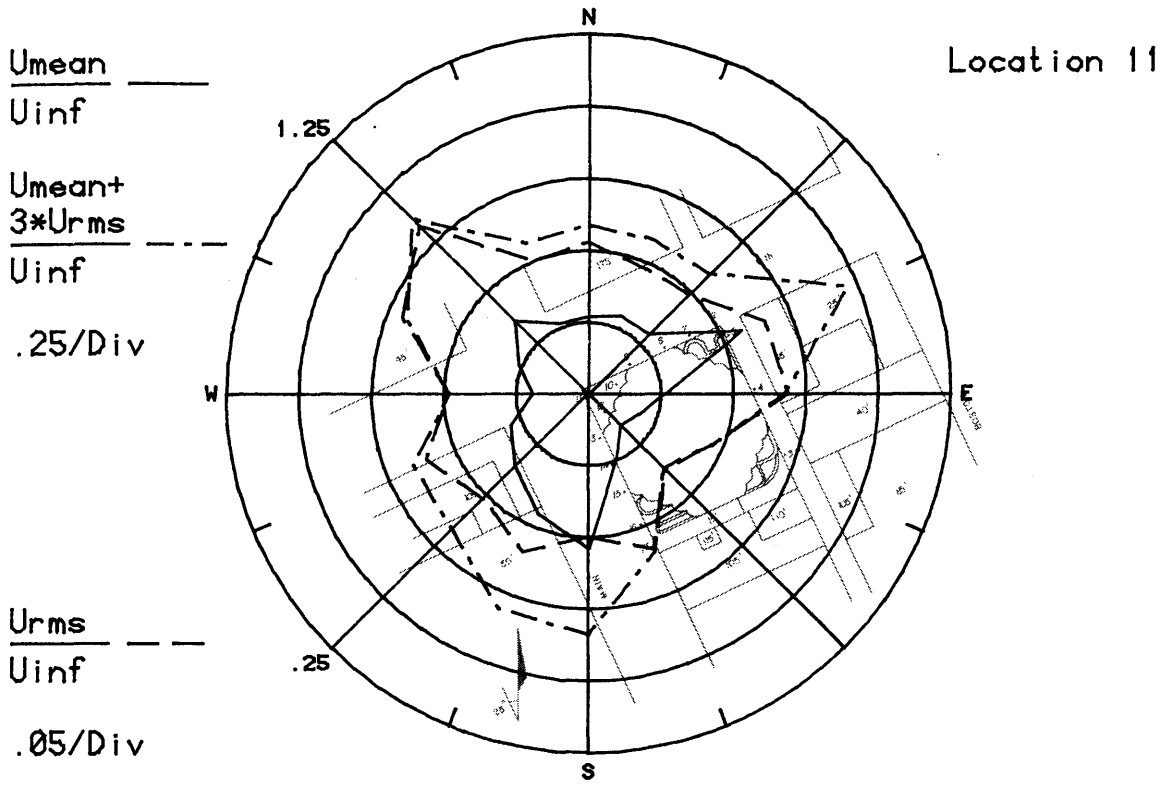


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

$\frac{U_{mean}}{U_{inf}}$  ———

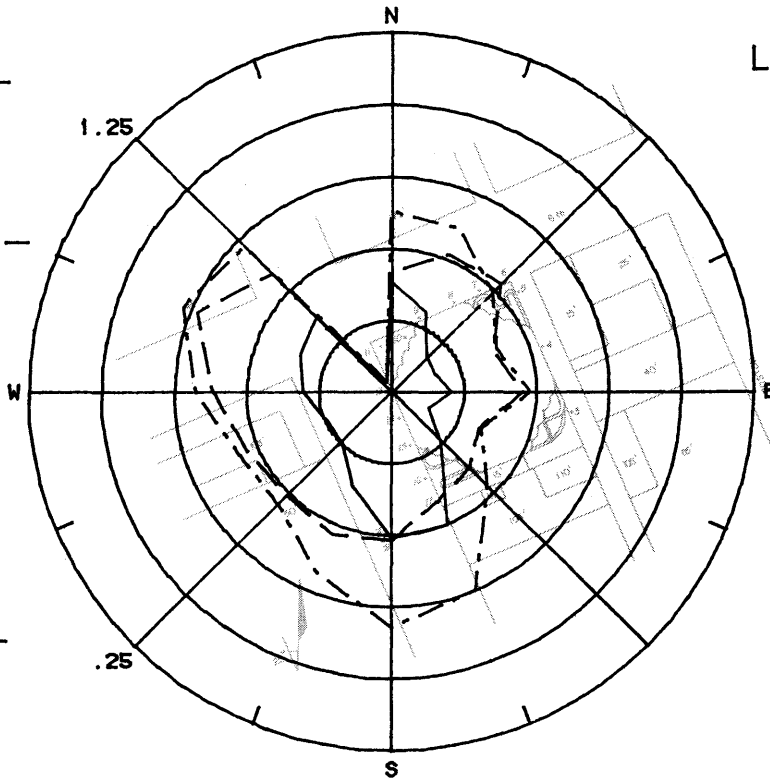
$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - -

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

.25/Div

.25

.05/Div



Location 13

$\frac{U_{mean}}{U_{inf}}$  ———

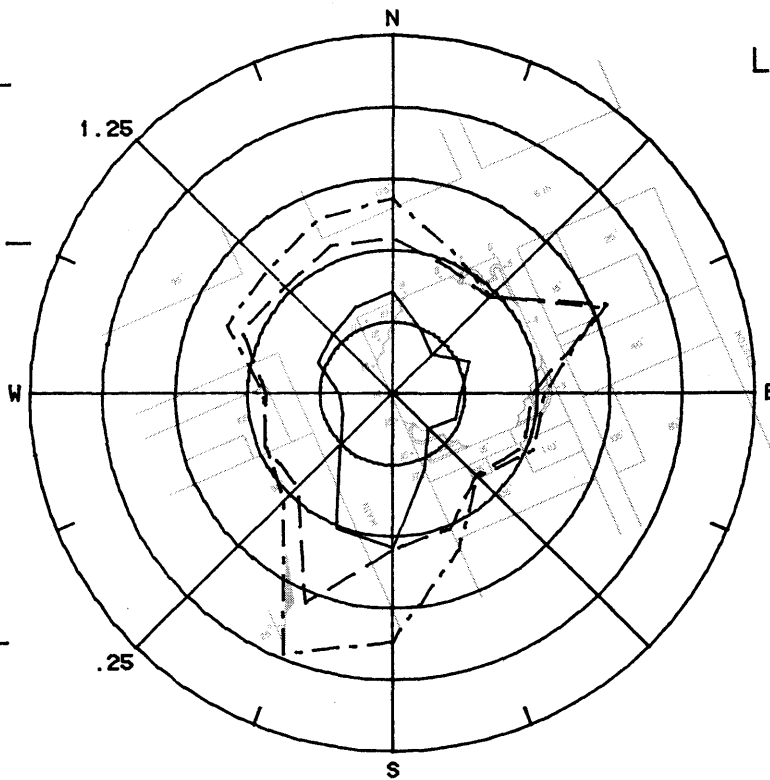
$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}}$  - - - -

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

.25/Div

.25

.05/Div



Location 14

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

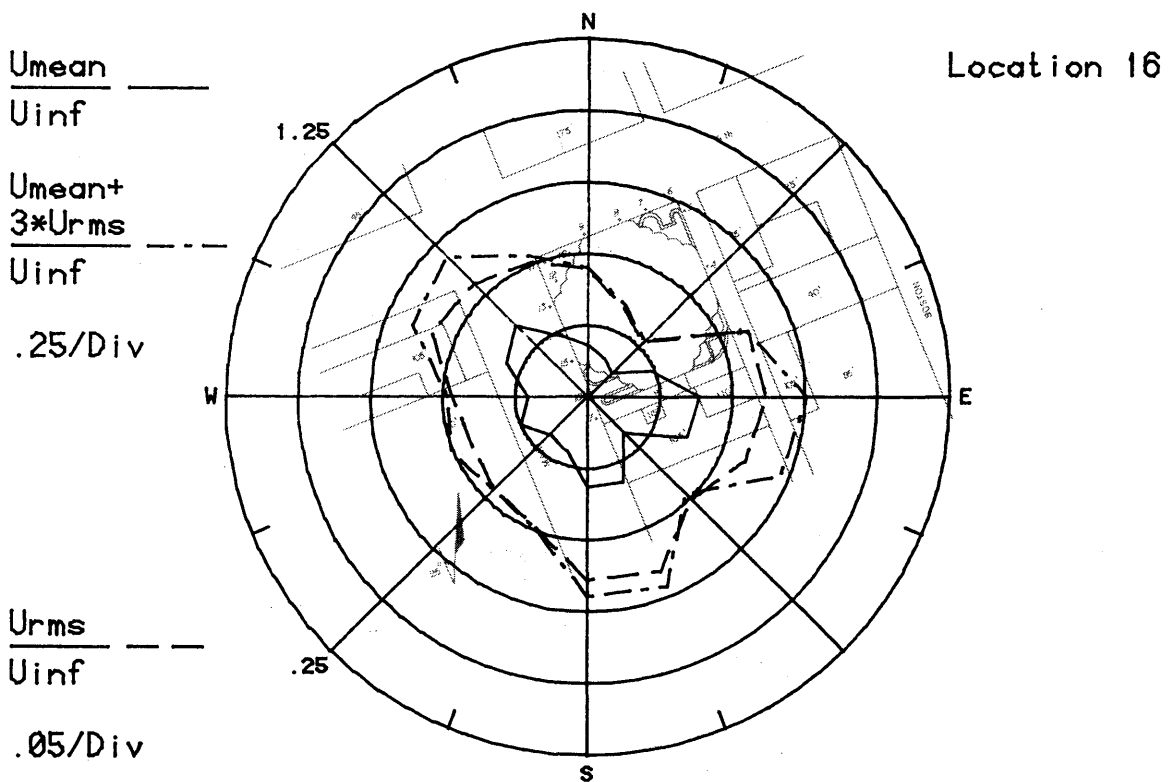
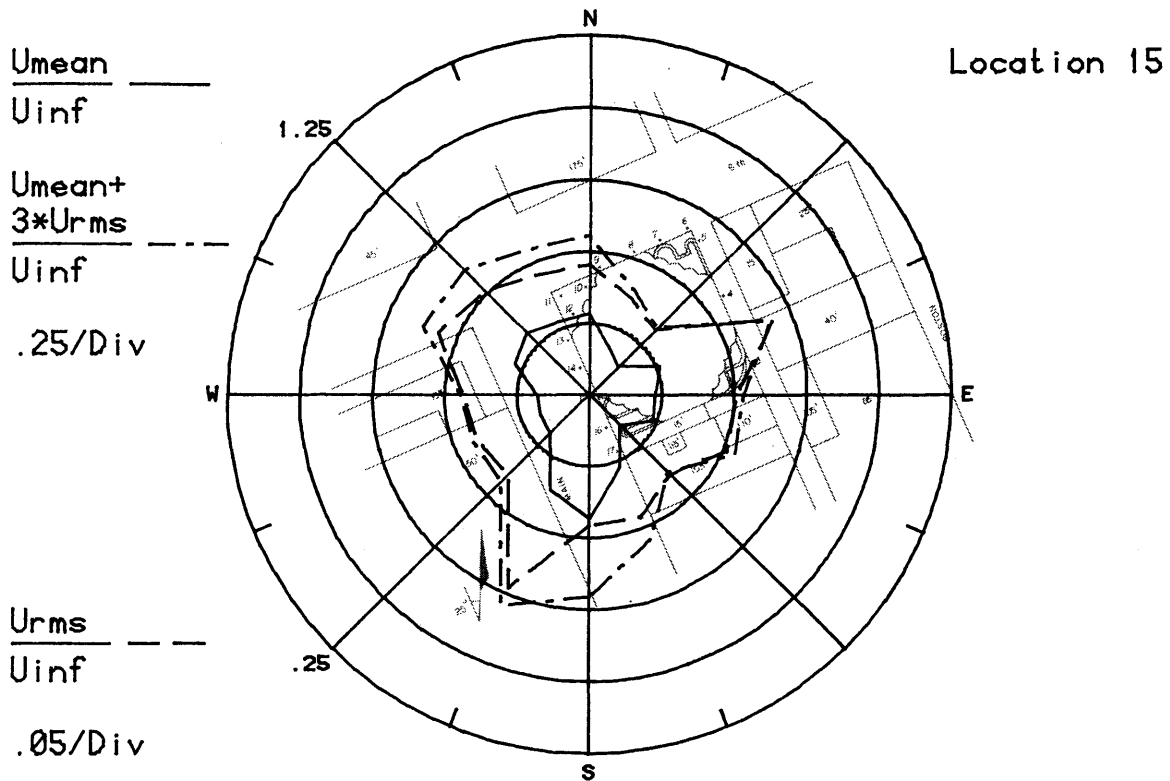


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

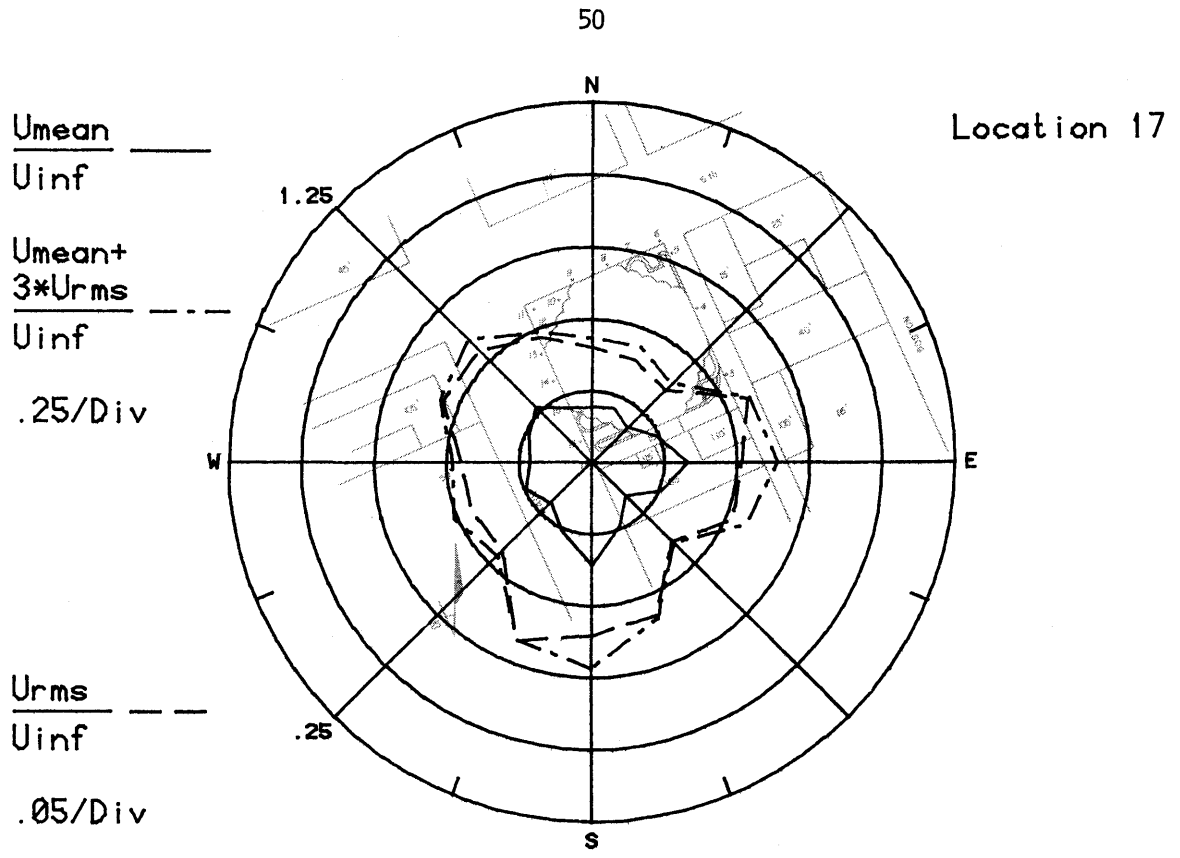


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Location 17

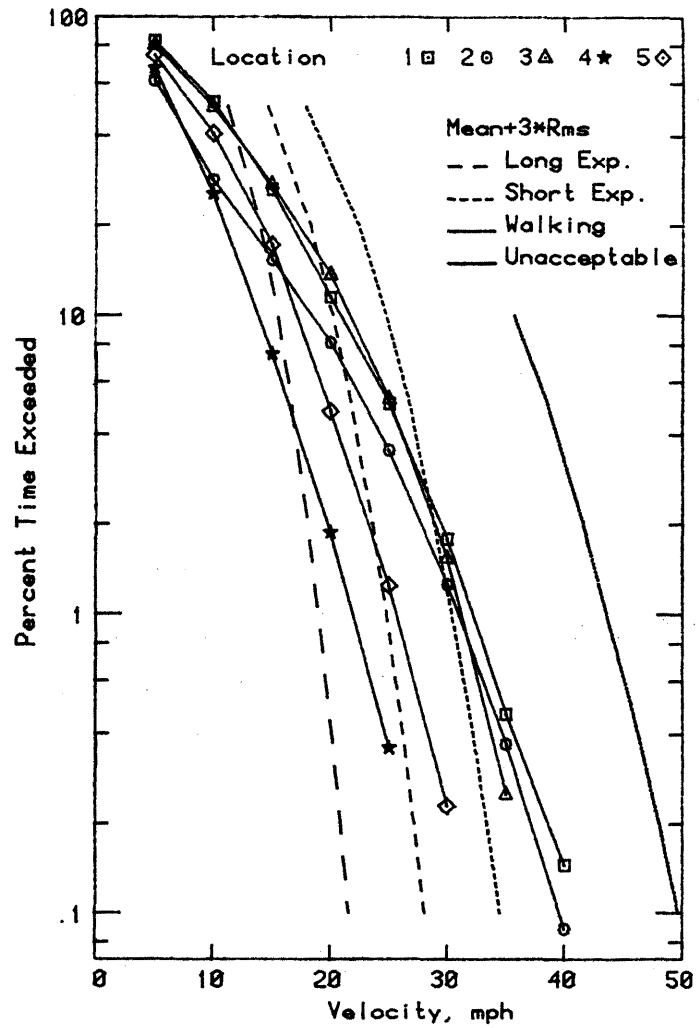
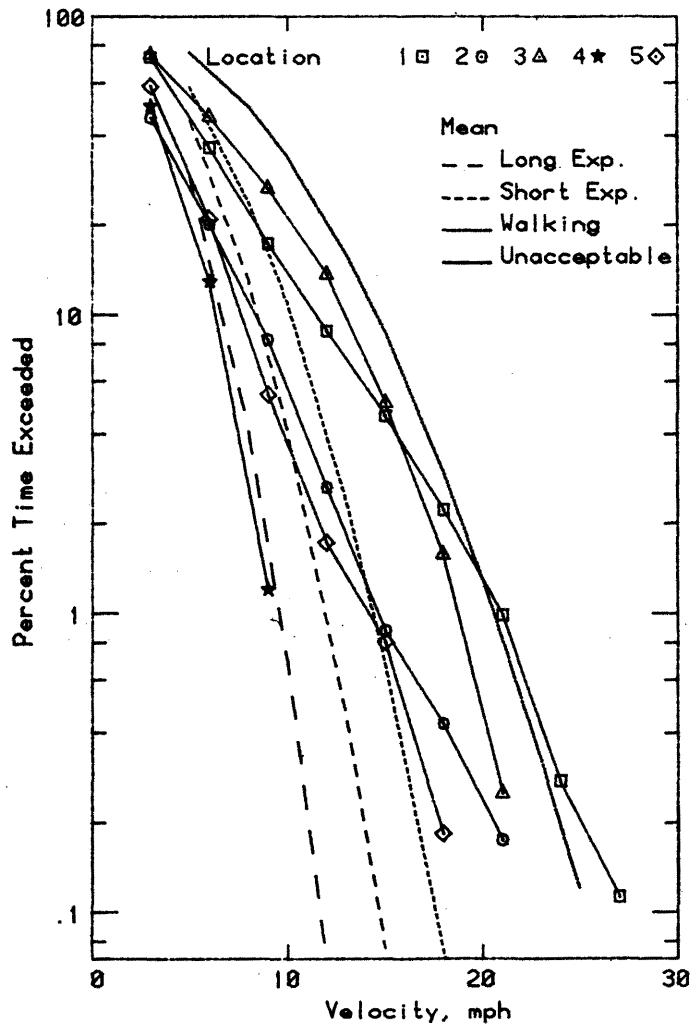


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

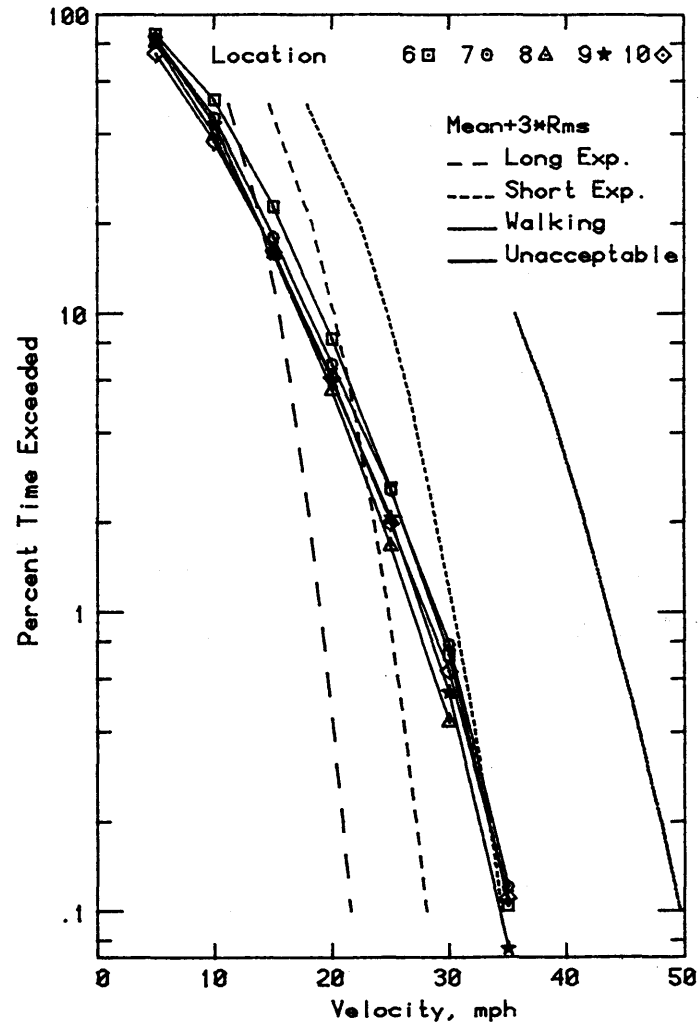
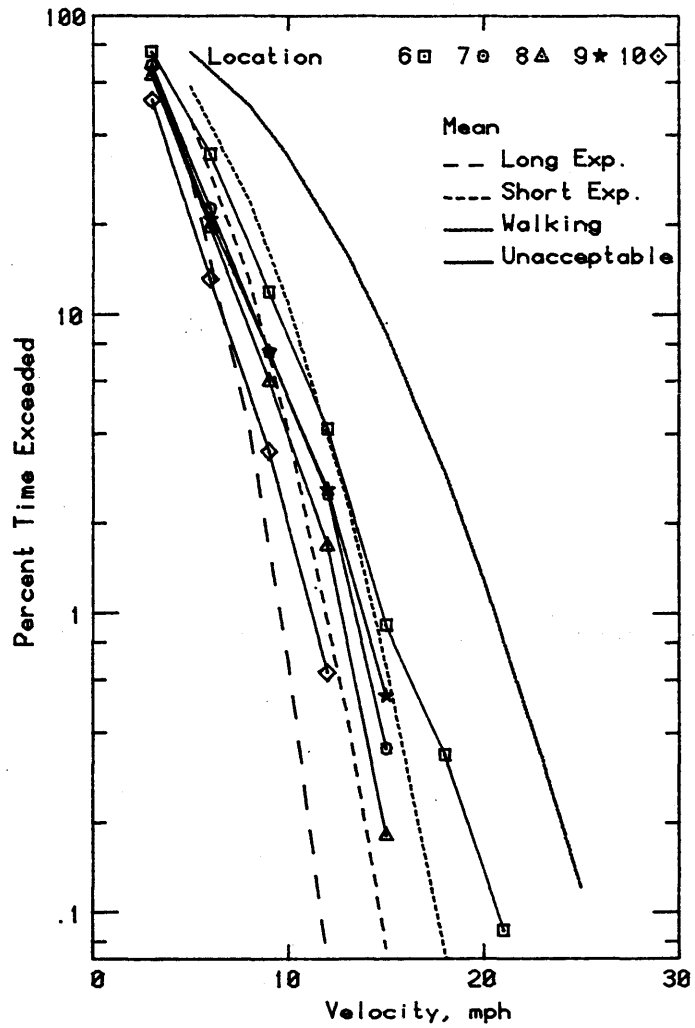


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

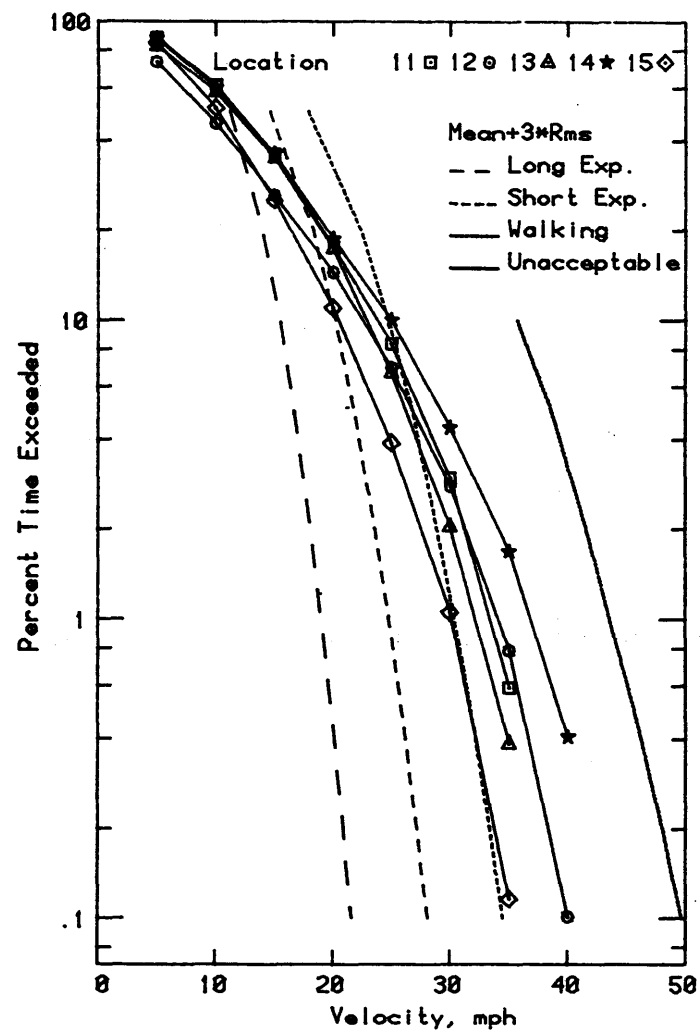
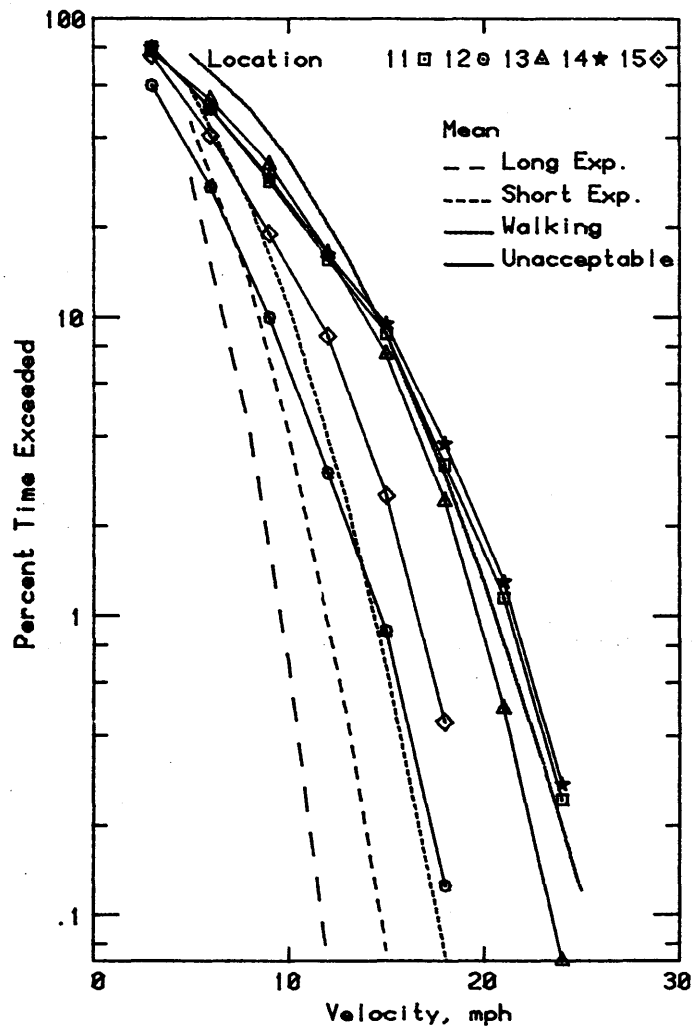


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations



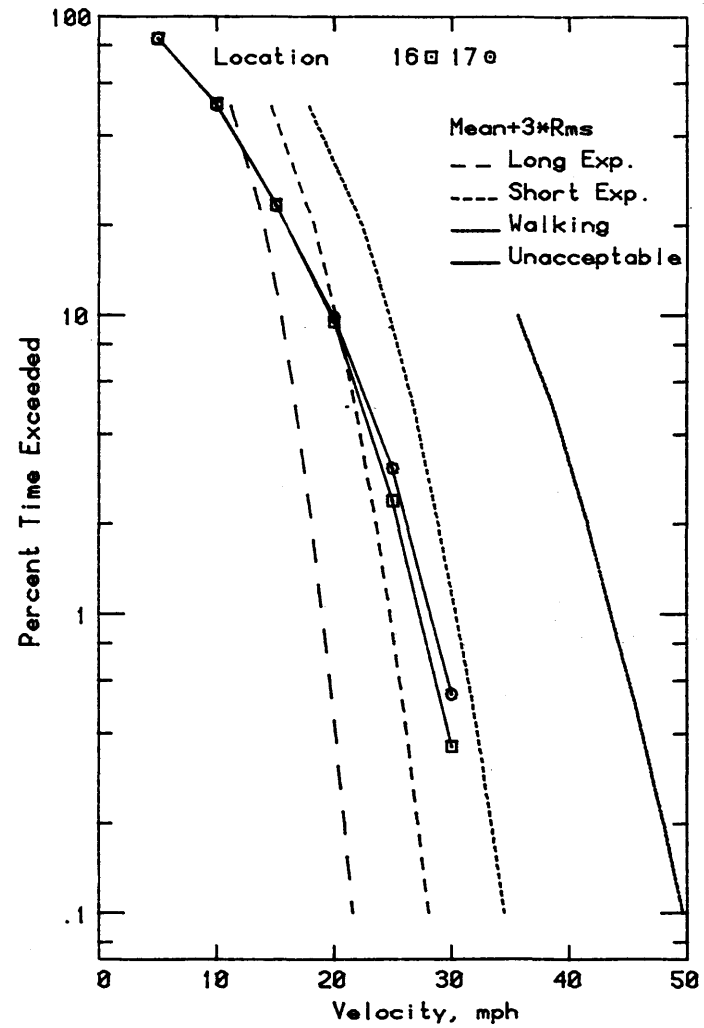
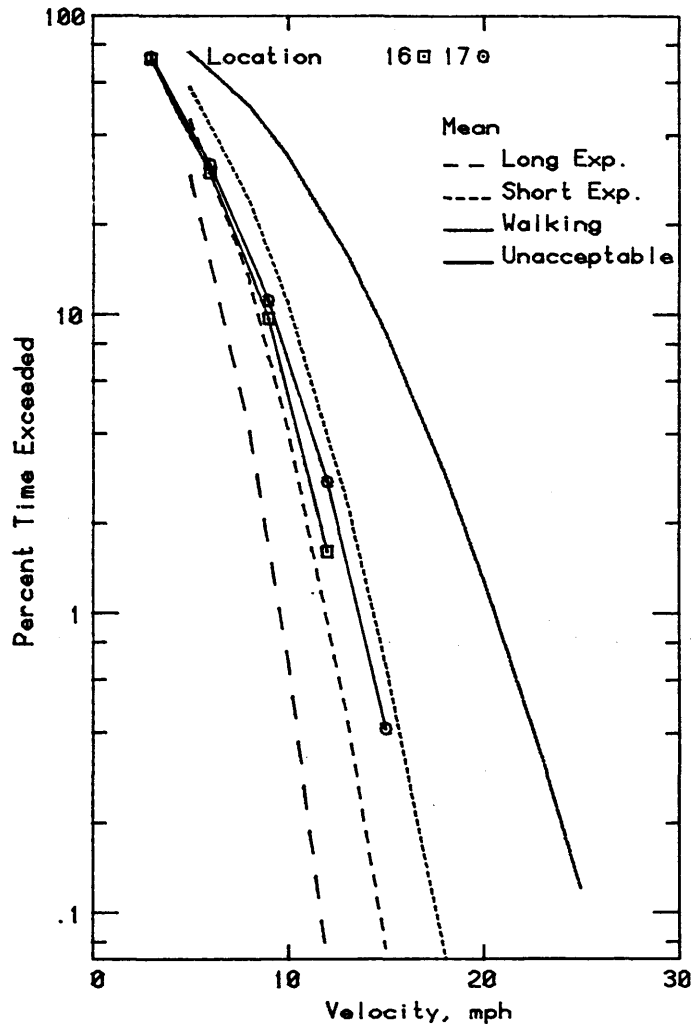


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

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

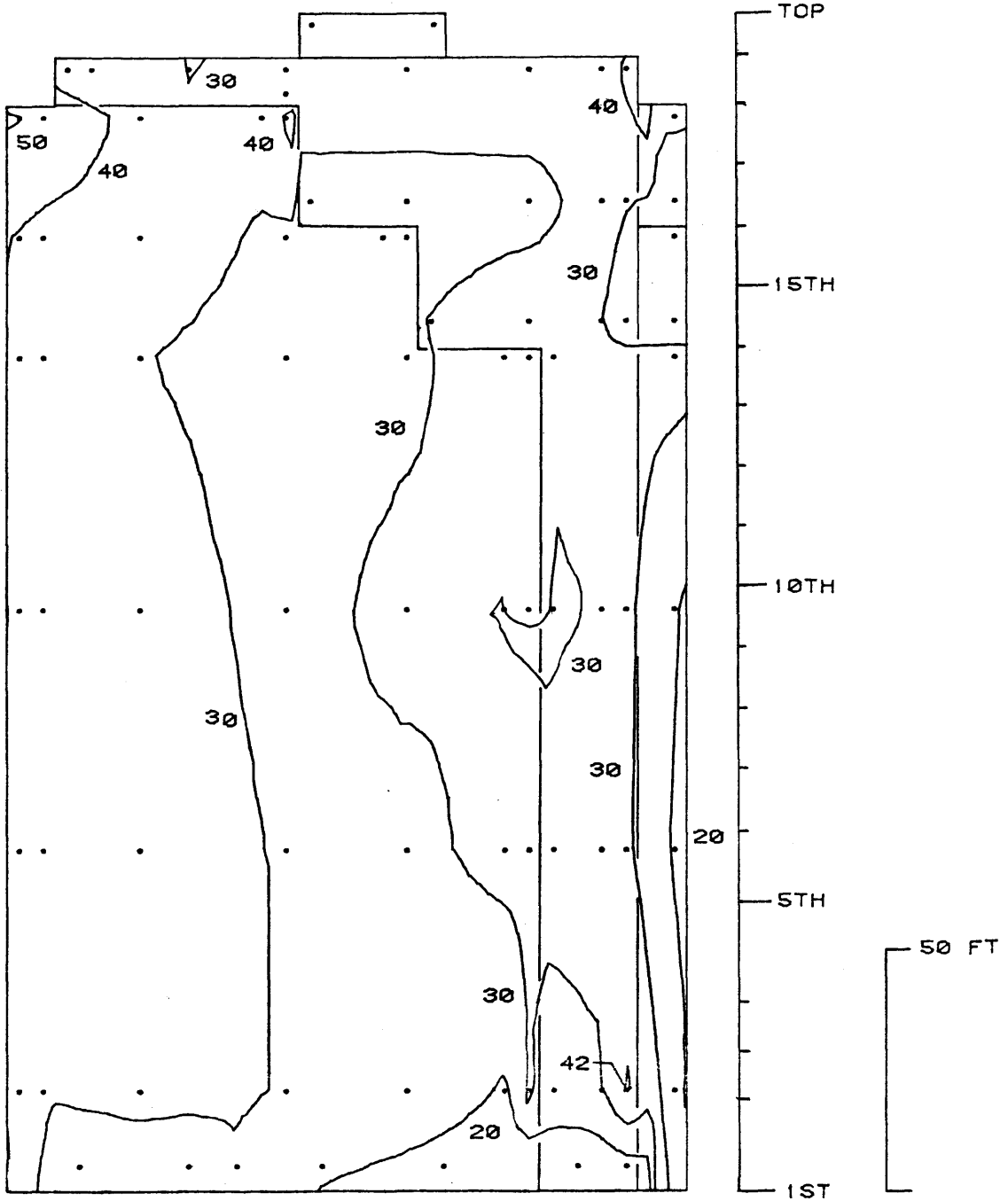


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

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

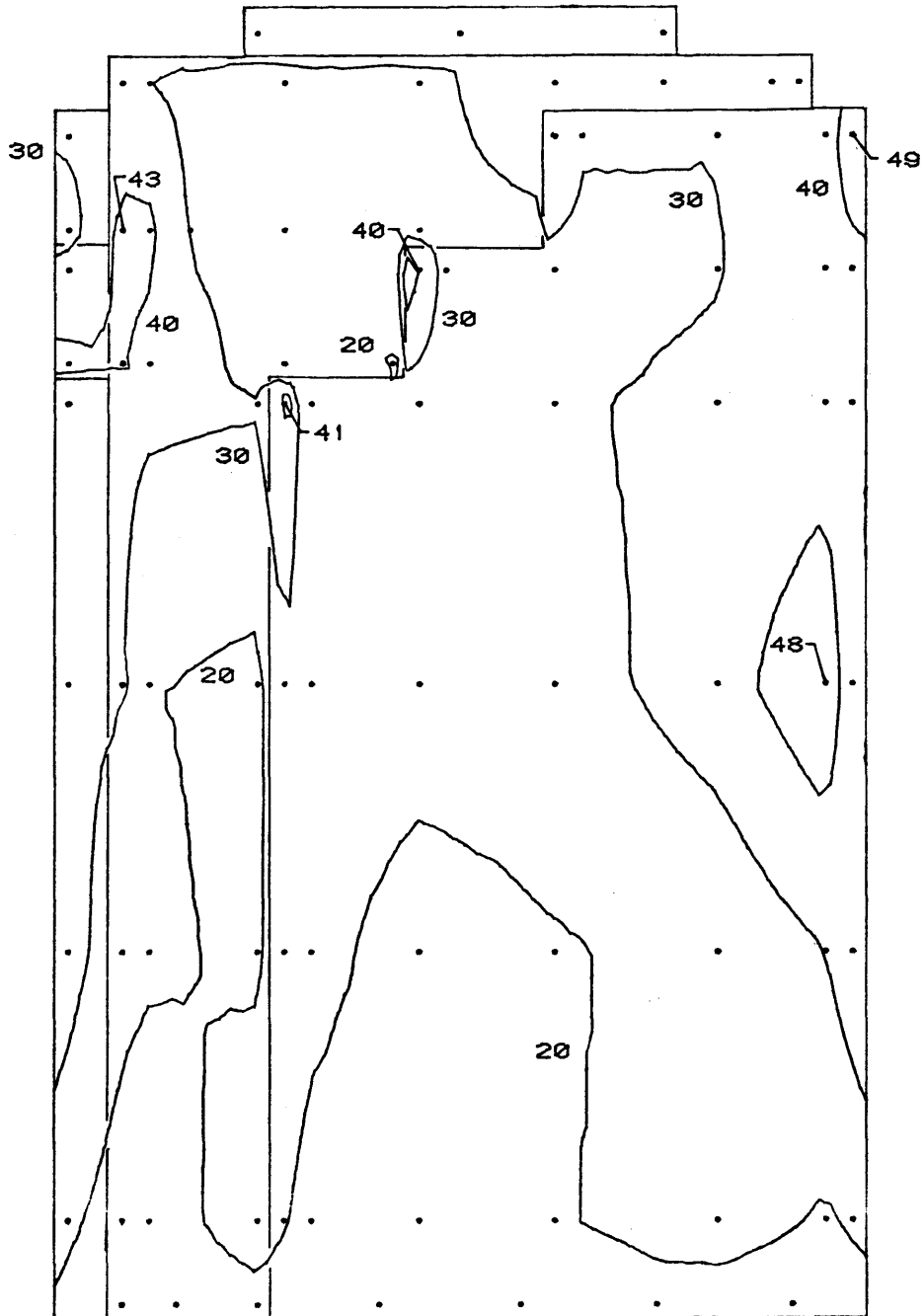


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

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

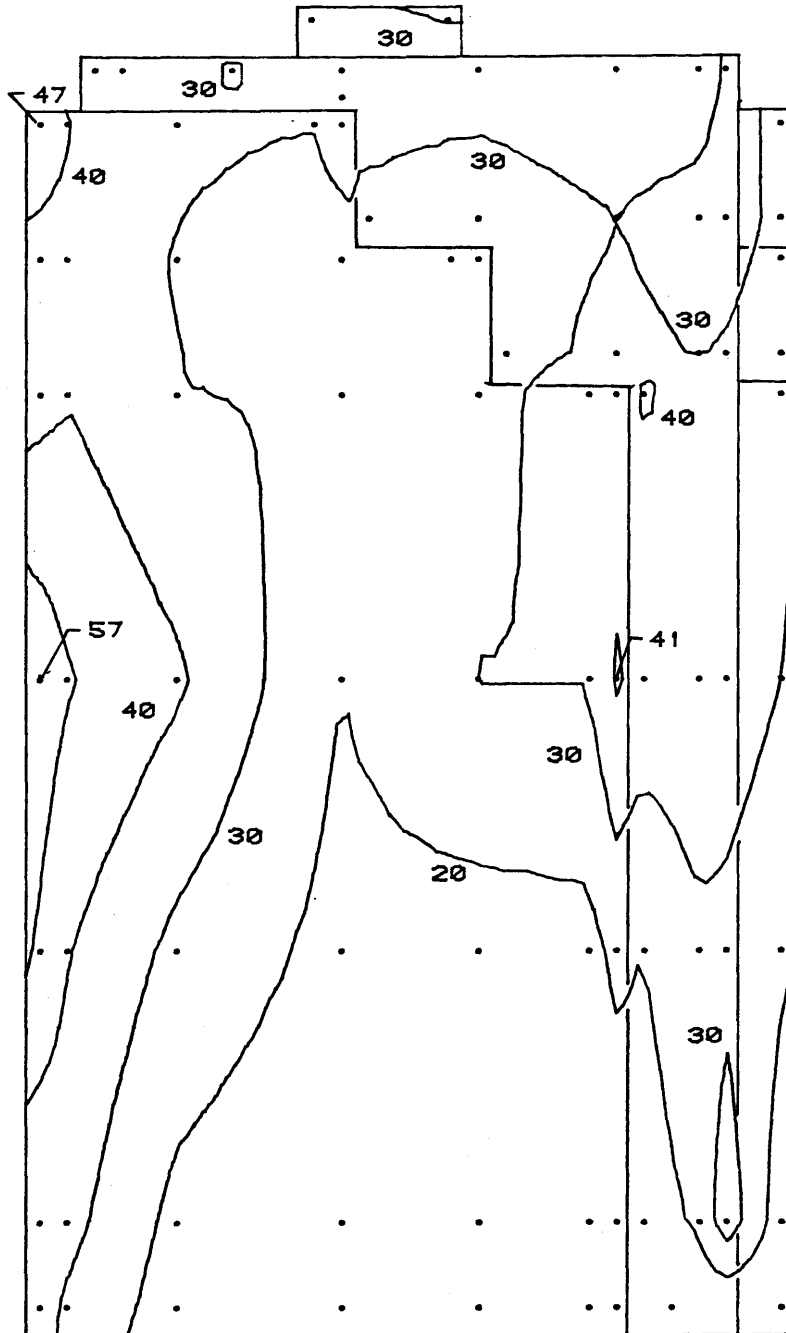


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

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

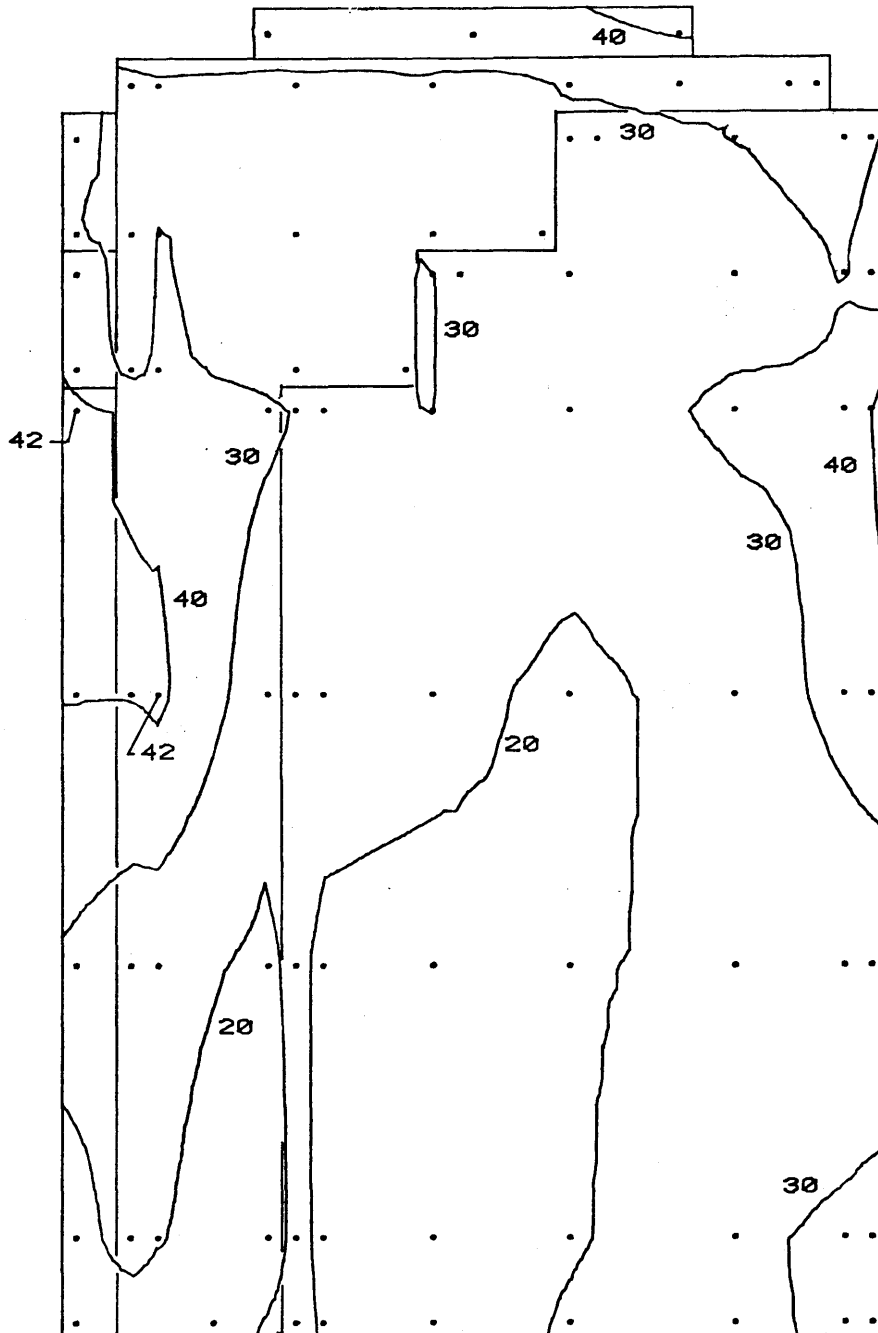


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

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

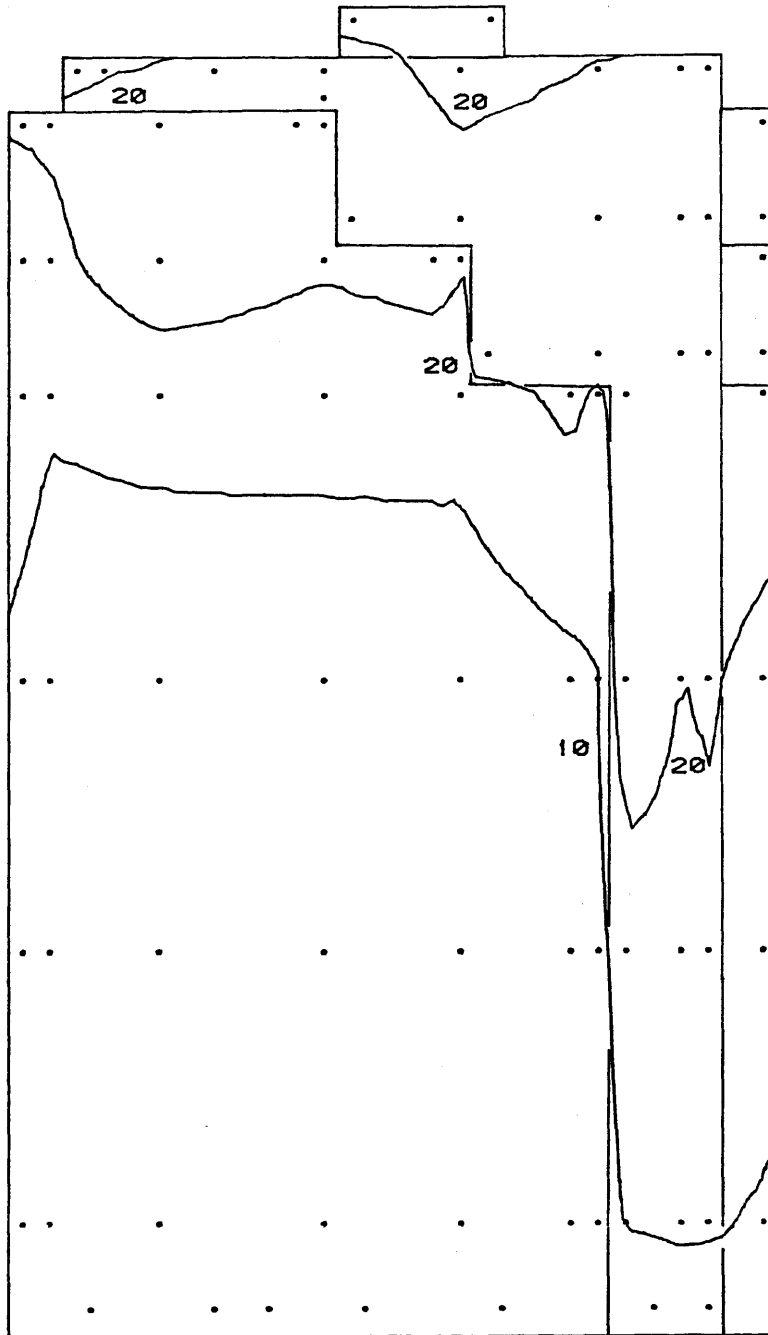


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

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

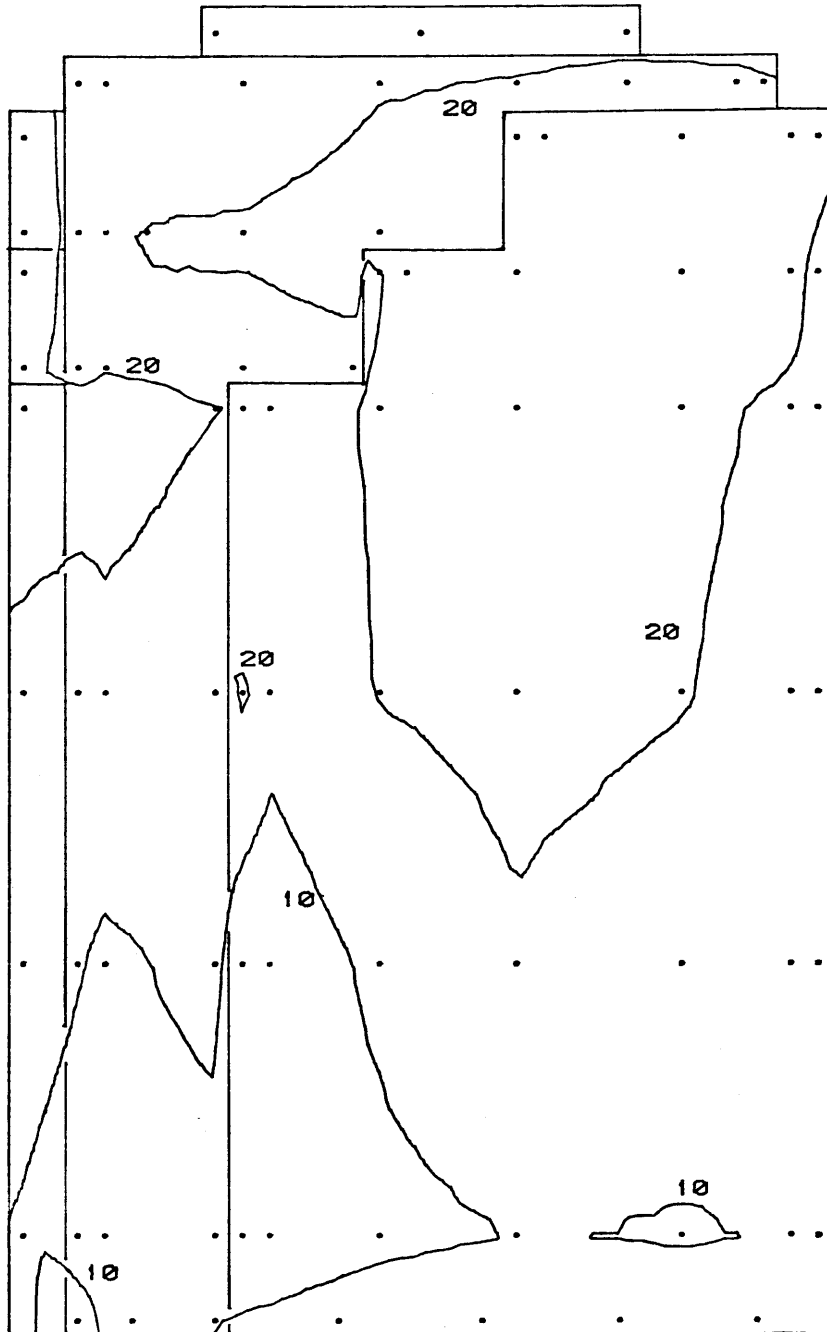


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

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

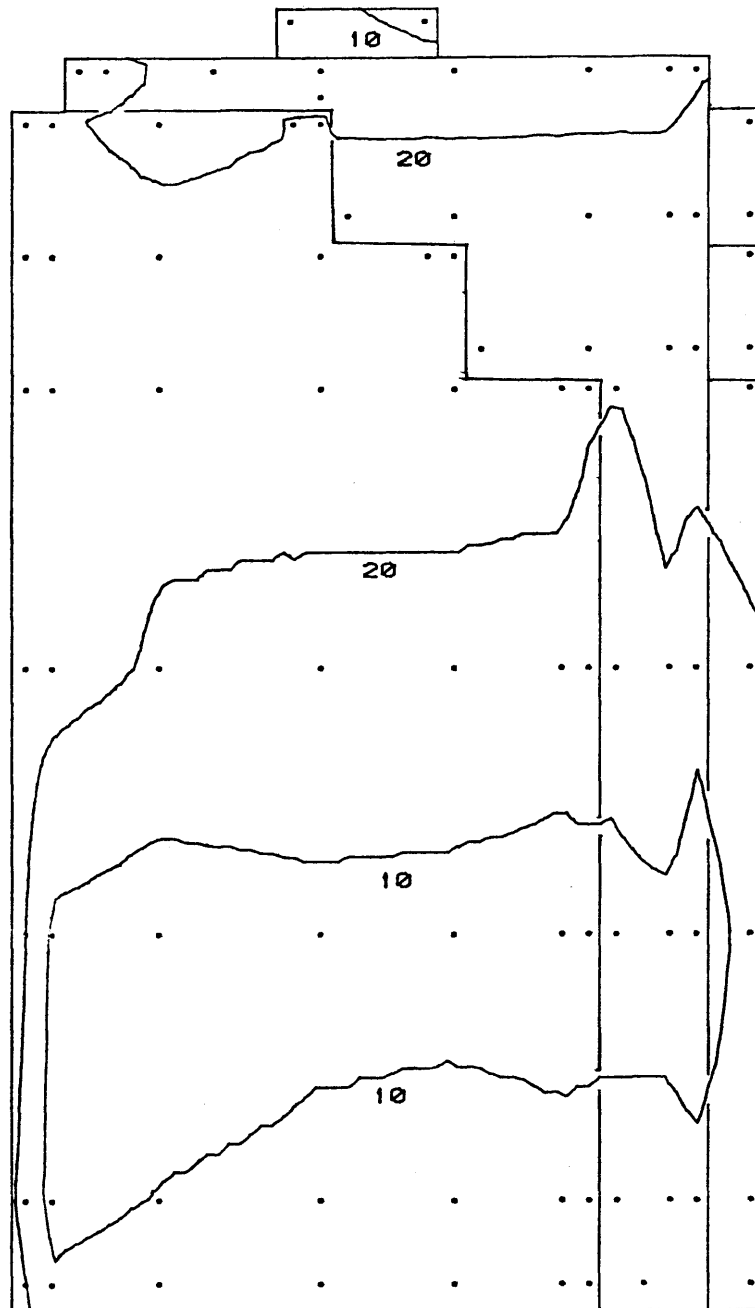


Figure 10g. Peak Pressure Contours on the Building  
for Cladding Loads



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

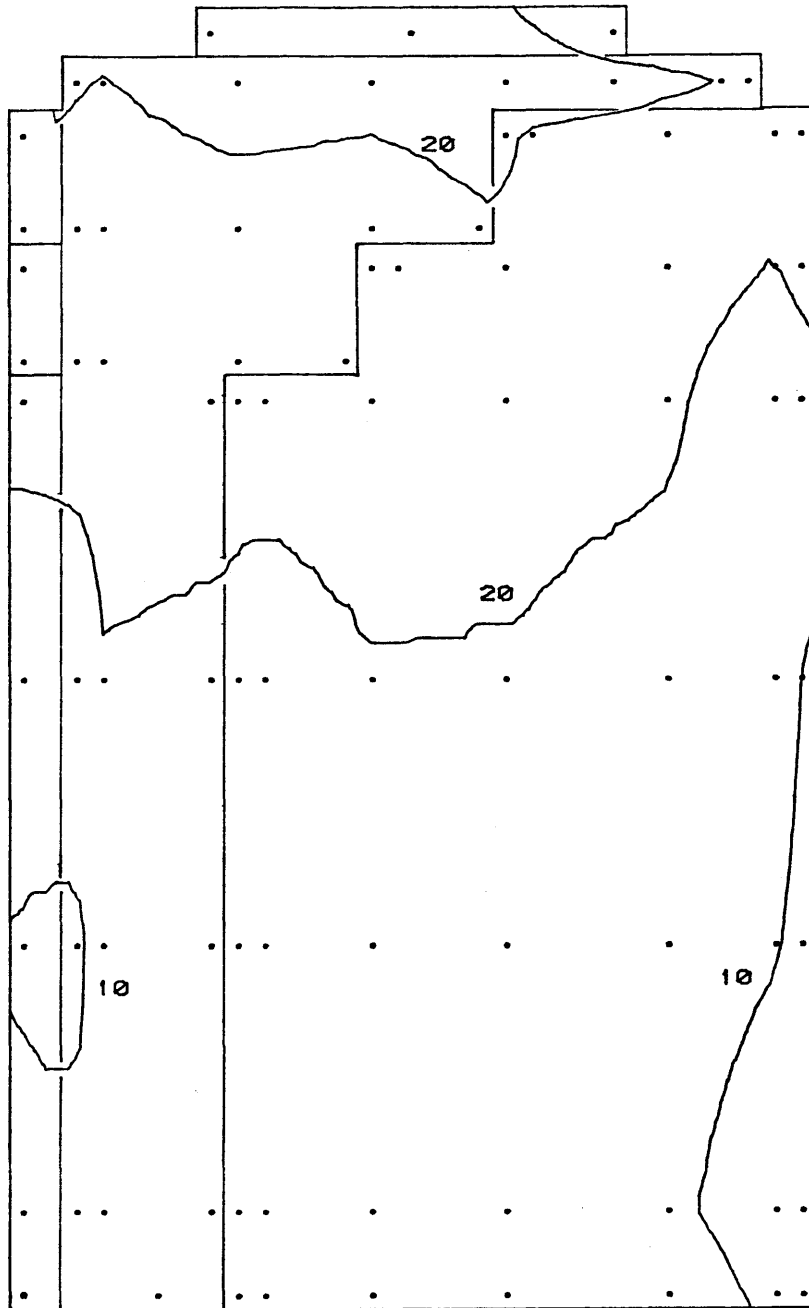
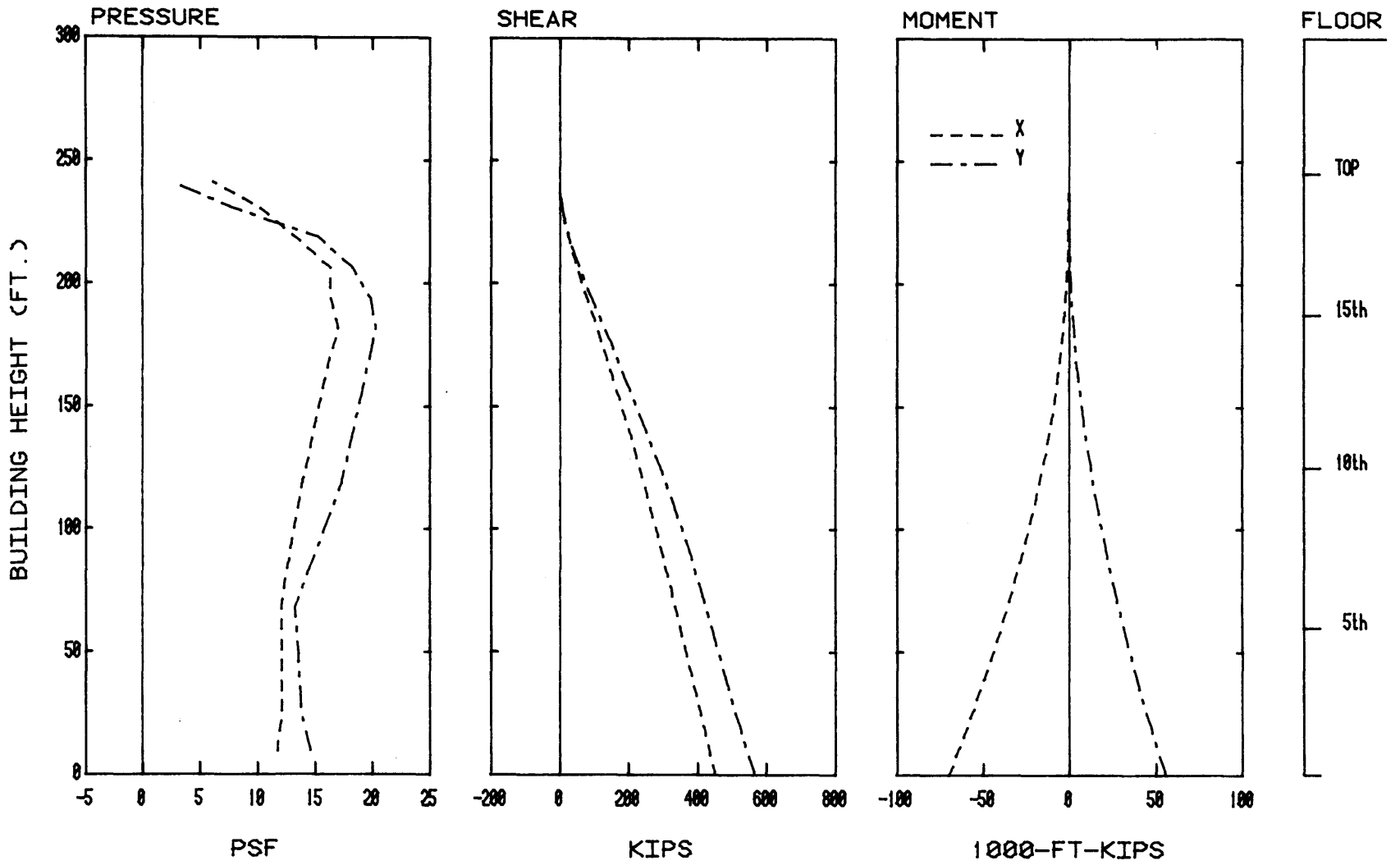


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads



WIND DIRECTION 100

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

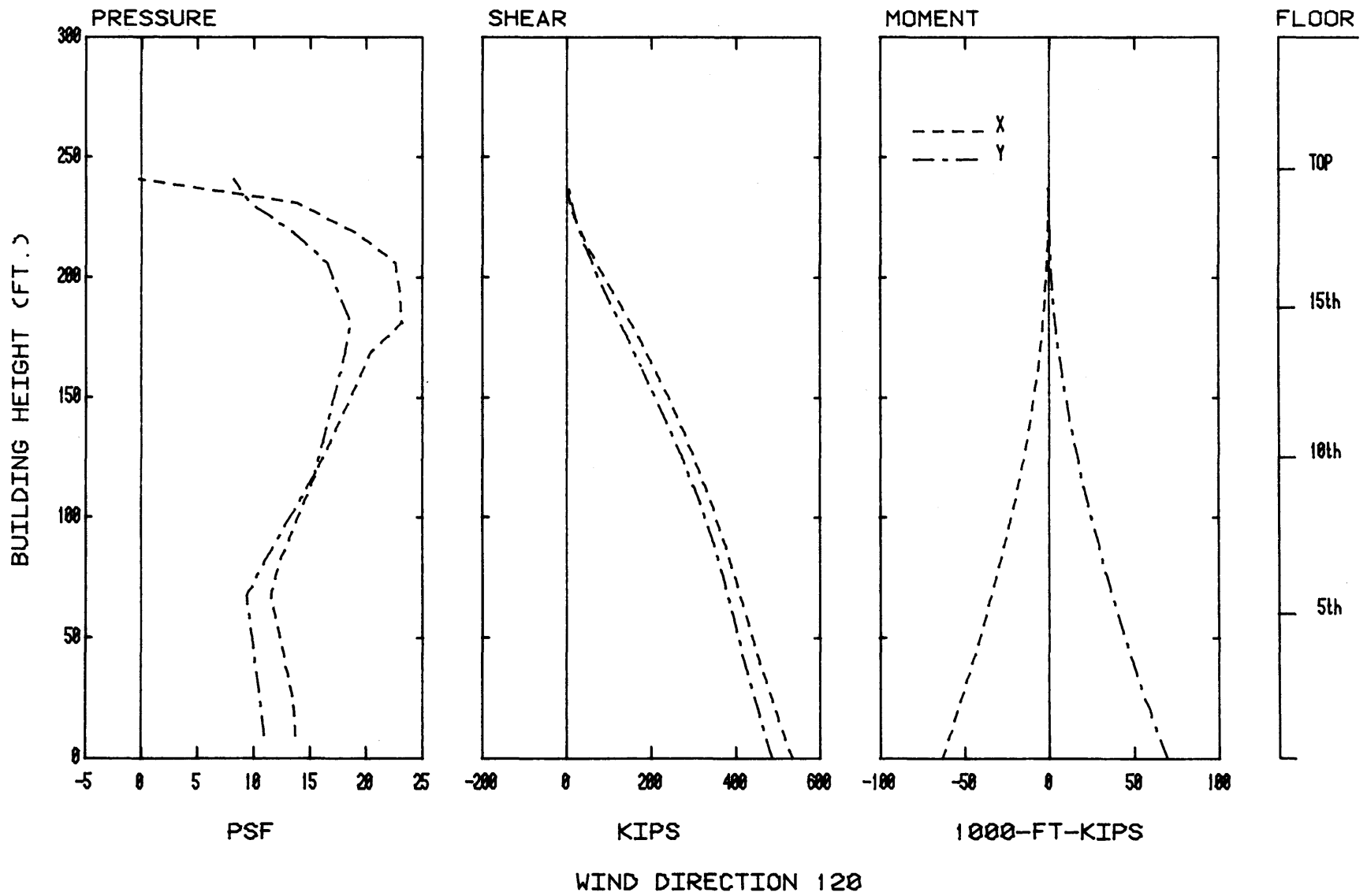


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

## MOTION PICTURE SCENE GUIDE

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

SIXTH & MAIN, TULSA

## HIGH PRESSURE AREAS

<u>Run</u>	<u>Pressure Tap</u>	<u>Azimuth, °</u>
1	739	340
2	538	220
3	547	240

## HIGH PEDESTRIAN WIND VELOCITIES

<u>Run</u>	<u>Pedestrian Location</u>	<u>Azimuth, °</u>
4	5, 6, 11	67.5
5	6	90

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
BUILDING AT SIXTH AND MAIN, TULSA

LOCATION 1				LOCATION 2			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	50.1	11.9	85.9	0.00	31.3	16.2	80.0
4.2	70.9	11.6	105.7	22.50	33.4	15.8	80.9
8.50	58.7	10.9	91.5	45.00	24.0	8.4	49.1
12.75	38.8	9.7	67.5	67.50	32.3	8.6	58.3
17.00	22.2	7.8	49.8	90.00	40.4	10.2	71.0
21.25	24.6	10.9	62.2	112.50	43.7	10.6	75.6
25.50	25.0	10.9	62.2	135.00	34.7	9.3	62.4
29.75	20.0	10.3	51.1	157.50	13.0	6.2	31.0
34.00	25.0	9.8	54.8	180.00	9.2	3.3	20.0
38.25	33.0	11.1	66.2	202.50	9.1	3.6	19.8
42.50	22.0	8.1	46.7	225.00	7.4	2.1	13.6
46.75	16.0	7.6	39.3	247.50	12.5	5.8	29.7
51.00	13.7	6.5	33.3	270.00	34.7	15.4	80.9
55.25	13.3	6.4	32.5	292.50	66.8	16.9	117.7
59.50	18.0	9.4	46.1	315.00	48.4	15.6	95.3
63.75	16.0	8.3	41.8	337.50	15.0	7.4	37.2

LOCATION 3				LOCATION 4			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.6	6.2	35.2	0.00	9.5	4.4	22.8
4.2	29.9	8.8	54.0	22.50	14.3	6.9	35.0
8.50	31.4	8.7	57.5	45.00	21.2	8.2	45.7
12.75	36.7	8.3	67.0	67.50	18.5	7.6	41.2
17.00	29.8	8.3	54.6	90.00	18.5	8.6	44.1
21.25	16.0	7.7	38.7	112.50	22.8	8.8	48.5
25.50	21.3	7.7	45.1	135.00	17.1	8.8	43.3
29.75	38.9	7.7	62.7	157.50	11.5	4.8	25.8
34.00	46.0	10.6	78.1	180.00	21.6	8.1	46.0
38.25	45.0	9.9	73.3	202.50	23.9	12.9	62.5
42.50	42.0	9.0	70.6	225.00	23.3	8.0	47.2
46.75	39.7	8.8	66.1	247.50	19.9	7.3	41.8
51.00	33.1	8.0	55.0	270.00	12.9	5.9	30.5
55.25	21.0	6.9	45.7	292.50	10.5	4.8	24.8
59.50	12.9	6.0	30.8	315.00	20.9	8.3	45.7
63.75	11.8	4.8	26.1	337.50	17.6	7.5	40.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
BUILDING AT SIXTH AND MAIN, TULSA

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.4	7.1	34.7
22.50	22.2	10.3	53.0
45.00	52.7	13.0	91.6
67.50	61.0	13.1	100.3
90.00	53.6	13.2	93.2
112.50	53.0	12.8	91.5
135.00	34.5	12.9	72.9
157.50	22.2	9.9	50.9
180.00	21.6	11.5	56.1
202.50	10.7	4.4	23.9
225.00	8.1	3.0	17.2
247.50	8.3	3.2	18.0
270.00	8.3	3.2	17.8
292.50	9.1	4.1	21.6
315.00	13.9	7.9	37.6
337.50	20.5	11.9	56.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.2	9.1	49.5
22.50	15.8	8.3	40.8
45.00	45.4	17.6	98.3
67.50	70.0	13.4	110.2
90.00	63.9	12.7	102.0
112.50	57.1	13.9	98.7
135.00	43.9	10.1	74.0
157.50	23.2	9.6	51.9
180.00	20.4	9.0	47.3
202.50	31.8	13.1	71.1
225.00	35.3	10.9	68.0
247.50	35.1	10.2	65.8
270.00	37.9	10.5	69.6
292.50	34.9	9.7	63.9
315.00	38.3	11.9	73.9
337.50	23.1	10.5	54.7

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.1	9.0	45.0
22.50	15.5	5.9	33.2
45.00	15.2	8.3	40.0
67.50	29.4	18.4	84.7
90.00	32.6	18.9	89.4
112.50	19.5	12.4	56.8
135.00	34.5	15.3	80.3
157.50	21.7	10.6	53.4
180.00	19.4	8.9	46.1
202.50	36.5	14.4	79.7
225.00	41.2	12.0	77.1
247.50	37.9	9.5	66.3
270.00	37.9	9.2	65.5
292.50	34.0	10.1	65.1
315.00	33.5	11.2	67.1
337.50	17.6	9.6	46.5

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.8	6.1	31.2
22.50	15.6	6.3	34.5
45.00	19.9	9.6	48.7
67.50	31.8	15.8	79.3
90.00	29.1	13.8	70.5
112.50	17.7	9.6	46.4
135.00	19.5	9.4	47.7
157.50	15.2	8.2	39.7
180.00	20.0	9.8	49.4
202.50	31.7	14.7	75.9
225.00	41.8	10.7	73.9
247.50	34.5	9.4	62.8
270.00	38.6	9.1	65.9
292.50	31.5	10.1	61.8
315.00	32.5	11.0	65.5
337.50	24.1	11.2	57.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
BUILDING AT SIXTH AND MAIN, TULSA

LOCATION 9				LOCATION 10			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.3	7.9	38.9	0.00	13.4	6.9	34.1
22.50	21.3	7.8	44.6	22.50	22.8	9.1	47.3
45.00	32.5	11.7	67.6	45.00	26.7	11.2	60.2
67.50	48.2	12.4	85.5	67.50	27.6	16.8	77.3
90.00	33.7	12.1	70.0	90.00	9.9	4.6	23.9
112.50	20.2	9.5	48.6	112.50	12.2	5.4	28.5
135.00	19.6	8.9	46.4	135.00	10.6	4.7	24.8
157.50	17.1	9.4	45.4	157.50	13.6	6.6	33.5
180.00	17.0	9.7	46.0	180.00	18.0	12.4	55.2
202.50	31.6	15.1	76.9	202.50	30.3	16.3	79.1
225.00	46.8	10.0	76.7	225.00	36.0	11.6	79.9
247.50	42.7	10.0	72.7	247.50	30.7	9.5	59.1
270.00	41.8	9.2	69.5	270.00	18.3	7.0	39.2
292.50	35.9	10.8	68.3	292.50	21.5	7.8	44.9
315.00	32.1	10.5	63.6	315.00	20.8	8.3	45.6
337.50	26.8	10.5	58.2	337.50	15.7	7.9	39.3

LOCATION 11				LOCATION 12			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	27.0	10.5	58.6	0.00	21.5	8.6	47.4
22.50	29.3	9.6	58.0	22.50	27.1	8.5	52.6
45.00	29.6	9.8	58.9	45.00	23.7	9.9	53.3
67.50	57.3	13.2	96.8	67.50	24.1	14.9	68.9
90.00	26.3	13.8	67.6	90.00	15.3	6.7	35.5
112.50	18.8	9.9	48.9	112.50	11.4	5.2	27.0
135.00	19.4	9.6	48.8	135.00	11.3	5.1	26.7
157.50	24.6	11.7	59.7	157.50	8.0	3.3	19.3
180.00	53.7	10.6	83.6	180.00	28.8	16.9	79.6
202.50	45.4	11.9	81.1	202.50	41.2	16.2	89.8
225.00	35.6	10.3	66.7	225.00	38.2	10.7	70.5
247.50	39.0	12.1	65.4	247.50	24.5	10.6	56.2
270.00	18.9	9.6	47.9	270.00	12.6	5.7	29.8
292.50	26.1	13.9	67.8	292.50	14.9	6.9	35.7
315.00	36.1	13.5	65.6	315.00	18.1	7.8	41.5
337.50	26.7	10.8	56.7	337.50	18.4	8.3	43.3



TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
BUILDING AT SIXTH AND MAIN, TULSA

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	38.1	8.3	63.0
15	36.0	10.0	63.1
30	17.7	10.0	33.3
45	16.7	7.7	34.6
60	20.0	9.9	43.9
75	13.4	6.5	33.3
90	24.4	7.6	43.9
105	35.0	8.6	55.0
120	44.4	9.9	77.7
135	44.4	9.9	77.7
150	35.0	8.6	55.0
165	24.4	7.6	43.9
180	13.4	6.5	33.3
195	16.7	7.7	34.6
210	17.7	10.0	33.3
225	17.7	10.0	33.3
240	16.7	7.7	34.6
255	16.7	7.7	34.6
270	17.7	10.0	33.3
285	17.7	10.0	33.3
300	16.7	7.7	34.6
315	16.7	7.7	34.6
330	16.7	7.7	34.6
345	16.7	7.7	34.6
360	38.1	8.3	63.0

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	35.5	10.8	67.9
15	24.8	9.6	53.7
30	19.3	9.4	47.6
45	28.9	16.1	77.1
60	23.4	9.7	55.5
75	23.0	9.8	52.4
90	16.9	8.1	41.3
105	28.4	10.3	59.9
120	53.7	11.0	86.7
135	50.9	15.8	98.4
150	25.4	9.2	53.0
165	18.7	9.6	47.3
180	18.3	8.7	44.4
195	28.1	11.1	61.8
210	29.1	13.0	68.8
225	32.6	11.1	68.8

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	28.3	9.1	55.4
15	17.7	7.7	33.3
30	19.3	10.0	40.0
45	26.6	13.6	54.4
60	22.2	10.0	43.3
75	23.3	10.0	43.3
90	14.4	9.9	33.3
105	44.4	11.1	77.7
120	44.4	11.1	77.7
135	33.3	9.9	55.0
150	19.9	7.7	33.3
165	19.9	7.7	33.3
180	19.9	7.7	33.3
195	22.2	10.0	40.0
210	22.2	10.0	40.0
225	22.2	10.0	40.0
240	22.2	10.0	40.0
255	22.2	10.0	40.0
270	22.2	10.0	40.0
285	22.2	10.0	40.0
300	22.2	10.0	40.0
315	22.2	10.0	40.0
330	22.2	10.0	40.0
345	22.2	10.0	40.0
360	28.3	9.1	55.4

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	18.1	8.9	44.8
15	14.7	6.7	34.6
30	11.8	5.3	27.3
45	23.6	12.0	59.9
60	38.5	12.4	75.9
75	36.9	11.7	72.0
90	17.6	10.1	48.8
105	32.0	13.2	71.1
120	31.3	12.8	69.7
135	20.0	9.7	49.1
150	18.4	9.1	45.7
165	24.8	10.6	56.8
180	24.8	10.6	56.8
195	24.8	10.6	56.8
210	24.8	10.6	56.8
225	24.8	10.6	56.8
240	24.8	10.6	56.8
255	24.8	10.6	56.8
270	24.8	10.6	56.8
285	24.8	10.6	56.8
300	24.8	10.6	56.8
315	24.8	10.6	56.8
330	24.8	10.6	56.8
345	24.8	10.6	56.8
360	18.1	8.9	44.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
 BUILDING AT SIXTH AND MAIN, TULSA

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.3	8.0	43.3
22.50	20.4	7.7	43.5
45.00	17.5	7.1	38.7
67.50	24.1	11.6	58.8
90.00	23.2	10.3	64.1
112.50	25.6	10.5	57.0
135.00	16.2	7.8	39.6
157.50	24.4	11.5	59.0
180.00	25.4	12.1	71.6
202.50	26.5	13.5	66.9
225.00	19.8	8.7	45.8
247.50	24.5	8.9	51.4
270.00	21.0	9.0	48.0
292.50	23.4	11.1	56.5
315.00	27.1	11.0	60.1
337.50	20.6	9.4	48.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
 BUILDING AT SIXTH AND MAIN, TULSA

\* \* GREATEST VALUES \* \*

U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)					U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)					U <sub>MEAN+3*RMS</sub> /U <sub>INF</sub> (PERCENT)				
LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS	LOC	AZ	MEAN	RMS	M+3RMS
1	22.5	70.9	11.6	105.7	7	90.0	32.6	18.9	89.4	2	292.5	66.8	16.9	117.7
6	67.5	70.0	13.4	110.2	7	67.5	29.4	18.4	84.7	6	67.5	70.0	13.4	110.2
2	292.5	66.8	16.9	117.7	6	45.0	45.4	17.6	98.3	1	22.5	70.9	11.6	105.7
6	90.0	63.9	12.7	102.0	2	292.5	66.8	16.9	117.7	6	90.0	63.9	12.7	102.0
5	67.5	61.0	13.1	100.3	12	180.0	28.8	16.9	79.6	5	67.5	61.0	13.1	100.3
1	45.0	58.7	10.9	91.5	10	67.5	27.0	16.8	77.3	6	112.5	57.1	13.9	98.7
11	67.5	57.3	13.2	96.8	11	315.0	36.2	16.5	85.6	14	202.5	50.9	15.8	98.4
6	112.5	57.1	13.9	98.7	10	202.5	30.3	16.3	79.1	6	45.0	45.4	17.6	98.3
14	180.0	53.7	11.0	86.7	2	0.0	31.3	16.2	80.0	11	67.5	57.3	13.2	96.8
11	180.0	53.7	10.0	83.6	12	202.5	41.2	16.2	89.8	2	315.0	48.4	15.6	95.3

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

TULSA, OKLAHOMA

INT. AIRPT (1965-1974)

SEASON : ANNUAL

NO. OF OBS. = 29216

HT. OF MEAS. = 23. FT.

VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32 +	TOTAL
N	.20	3.10	4.00	3.60	.60	.10	0.00	11.60
NNE	.10	.90	1.70	1.70	.30	0.00	0.00	4.80
NENE	.10	1.00	1.40	.70	.10	0.00	0.00	3.30
E	.10	1.00	.70	.30	0.00	0.00	0.00	2.10
ESE	.10	1.40	.90	.20	0.00	0.00	0.00	2.70
SE	.10	.90	.90	.20	0.00	0.00	0.00	2.10
SSE	.10	.90	1.90	.90	.10	0.00	0.00	3.80
SSW	.10	1.60	3.70	2.80	.30	0.00	0.00	8.50
SW	.20	5.70	10.60	9.40	2.40	.50	0.00	28.80
SSW	.10	.70	1.60	2.40	1.10	.20	0.00	6.10
WSW	0.00	.50	1.10	1.20	.20	0.00	0.00	3.10
W	.10	.60	.60	.30	.10	0.00	0.00	1.80
WNW	.10	1.00	.80	.50	.10	0.00	0.00	2.50
W	.10	1.10	.70	.50	.10	0.00	0.00	2.60
NW	.20	1.40	1.20	1.00	.10	0.00	0.00	4.00
NNW	.20	1.80	1.50	1.20	.10	0.00	0.00	4.90
CALM	7.60	0.00	0.00	0.00	0.00	0.00	0.00	7.60
TOT	9.20	23.60	33.40	27.00	5.60	1.00	.10	100.00

TABLE 4  
SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5  
CALCULATION OF REFERENCE PRESSURE

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

50-yr fastest mile at 30 ft = 70 mph

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

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

Mean hourly wind at ref location  $U_{\infty}$  = gradient wind

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

Use reference pressure = 27 psf

2. Loads for 100-yr recurrence wind:

100-yr 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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE = 27.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE		TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE		TAP	AZI- MUTH	PRESS COEFF	NEGATIVE POSITIVE	
			PEAK	PEAK				PEAK	PEAK				PEAK	PEAK
			-----	PSF				-----	PSF				-----	PSF
101	210	-1.28	-34.5	18.5	149	210	-1.21	-32.7	4.3	213	330	-1.07	-28.9	19.1
102	180	-1.24	-33.6	19.0	150	230	-1.10	-32.9	7.9	214	330	-1.06	-28.7	21.0
103	200	-1.29	-35.0	18.7	151	200	-1.32	-33.5	9.7	215	340	-1.11	-30.1	22.8
104	190	-1.19	-32.1	19.6	152	230	-1.08	-29.2	27.4	216	190	-1.27	-34.4	23.2
105	60	-1.10	-29.8	21.5	153	220	-1.13	-30.6	19.9	217	190	-1.16	-31.2	22.0
106	210	-1.36	-36.8	24.6	154	230	-1.20	-32.5	21.4	218	70	-1.13	-30.6	22.9
107	230	-1.41	-38.1	17.8	155	40	-1.80	-32.1	17.2	219	130	-1.89	-24.1	23.6
108	230	-1.43	-38.5	20.3	156	70	-1.31	-33.3	22.9	220	140	-1.13	-30.5	25.5
109	240	-1.19	-32.2	21.6	157	80	-1.64	-44.4	2.2	221	150	-1.94	-25.3	24.9
110	240	-1.58	-42.7	23.3	158	60	-1.33	-35.9	2.8	222	150	-1.94	-25.3	24.8
111	280	-1.16	-31.2	20.0	159	70	-1.09	-32.3	3.9	223	190	-1.02	-27.4	21.4
112	50	-2.12	-57.3	21.1	160	210	-1.01	-32.7	4.2	224	50	-1.45	-33.9	27.9
113	50	-1.72	-46.4	21.4	161	230	-1.23	-33.2	6.7	225	170	-1.14	-30.9	23.6
114	50	-1.36	-36.8	25.6	162	220	-1.20	-33.2	7.6	226	170	-1.95	-25.6	22.7
115	70	-1.23	-33.2	25.0	163	210	-1.24	-33.3	4.4	227	170	-1.86	-23.2	21.9
116	70	-1.55	-41.9	25.0	164	230	-1.29	-34.4	8.8	228	330	-1.92	-24.8	23.6
117	30	-1.14	-30.7	27.9	165	220	-1.18	-32.0	18.0	229	330	-1.12	-30.0	19.8
118	320	1.00	-26.1	27.0	166	30	-1.71	-19.7	14.7	230	330	-1.98	-26.6	22.1
119	70	-1.94	-25.3	23.7	167	90	-1.35	-36.6	6.5	231	70	-1.38	-37.2	27.3
120	330	-1.96	-25.5	20.0	168	60	-1.16	-33.1	7.7	232	150	-1.02	-27.4	23.1
121	250	-1.29	-34.9	26.6	169	80	-1.26	-34.4	6.2	233	150	-1.16	-31.4	22.0
122	250	-1.14	-30.8	23.5	170	190	-1.09	-29.5	4.6	234	150	-1.98	-26.6	22.2
123	30	-1.04	-28.8	23.5	171	90	-1.98	-22.6	5.4	235	150	-1.03	-27.9	25.8
124	50	-1.46	-39.3	14.5	172	190	-1.72	-30.9	2.3	236	190	-1.60	-43.3	23.6
125	50	-1.37	-37.1	18.0	173	60	-1.11	-30.3	5.8	237	30	-1.18	-31.8	25.0
126	60	-1.31	-35.3	18.8	174	210	-1.97	-26.6	10.7	238	140	-1.11	-29.9	22.1
127	60	-1.03	-27.9	22.4	175	200	-1.06	-28.8	12.0	239	190	-1.08	-32.9	22.4
128	230	-1.97	-26.2	24.1	176	200	-1.54	-41.7	11.0	240	190	-1.12	-30.3	22.6
129	70	-1.06	-28.5	22.5	177	190	-1.94	-25.3	9.2	241	200	-1.92	-25.0	22.9
130	280	1.97	-23.2	26.1	178	120	-1.84	-22.2	7.3	242	330	-1.19	-32.2	21.4
131	200	-1.13	-30.5	25.7	179	80	-1.91	-24.5	9.5	243	330	-1.14	-30.9	14.9
132	240	-1.37	-36.9	26.5	180	190	-1.09	-29.8	8.0	244	330	-1.65	-44.4	16.3
133	250	-1.14	-30.8	26.6	181	60	-1.81	-21.1	7.9	245	60	-1.50	-40.5	12.8
134	330	-1.91	-24.5	23.5	182	190	-1.63	-17.1	5.3	246	150	-1.49	-40.2	13.8
135	330	-1.89	-24.5	20.0	183	190	-1.47	-12.2	5.9	247	150	-1.57	-42.2	19.4
136	30	-1.37	-37.0	15.6	184	190	-1.61	-16.7	7.2	248	170	-1.87	-23.5	17.4
137	60	-1.22	-32.5	11.1	201	210	-1.46	-33.9	17.4	249	190	-1.01	-27.4	18.4
138	50	-1.13	-30.0	14.4	202	330	-1.18	-33.0	13.0	250	200	-1.92	-24.8	17.7
139	80	-1.98	-26.6	14.3	203	160	-1.52	-44.1	0.0	251	190	-1.86	-23.2	19.9
140	200	-1.04	-28.8	13.8	204	130	-1.97	-26.6	1.1	252	80	-1.72	-18.8	19.5
141	230	-1.31	-35.3	22.2	205	140	-1.05	-28.8	20.6	253	320	-1.85	-22.9	17.4
142	330	-1.19	-32.2	22.2	206	190	-1.96	-25.5	15.5	254	340	-1.25	-34.3	13.8
143	110	-1.19	-32.2	20.5	207	190	-1.97	-26.6	17.7	255	310	-1.35	-36.5	10.2
144	330	-1.24	-33.4	26.6	208	190	-1.13	-30.6	15.7	256	60	-1.04	-28.0	9.7
145	60	-1.16	-31.2	5.5	209	190	-1.17	-31.6	17.4	257	190	-1.89	-24.4	8.8
146	50	-1.24	-33.6	3.8	210	190	-1.12	-31.0	20.3	258	190	-1.87	-24.4	13.2
147	80	-1.29	-34.9	2.2	211	190	-1.17	-31.6	20.5	259	190	-1.68	-18.3	11.0
148	70	-1.00	-27.1	2.7	212	70	-1.17	-31.5	23.0	260	170	-1.84	-22.6	15.2

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

601 MAIN BUILDING, TULSA  
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	PSF				PSF	PSF
261	200	-.67	-18.0	13.8	323	160	-1.20	-32.4	21.6	371	110	.51	-11.0	13.7
262	70	-.69	-16.5	18.6	324	230	-1.34	-36.1	25.5	372	120	.46	-11.1	12.4
263	290	-.73	-19.6	15.6	325	210	-1.36	-36.7	25.6	373	110	.46	-12.1	12.5
264	320	-.79	-21.4	13.6	326	210	-1.10	-29.6	23.5	374	220	-.57	-15.3	12.0
265	310	-.84	-22.6	10.7	327	130	.88	-23.6	23.7	375	60	-.80	-21.7	12.0
266	330	-.84	-22.2	8.1	328	60	-1.08	-29.0	23.4	376	70	-1.35	-36.5	12.2
267	190	-.54	-14.7	11.2	329	60	-1.10	-29.8	24.1	377	190	-.56	-15.0	13.1
268	190	-.97	-26.3	11.4	330	160	-1.16	-31.4	23.3	379	280	-1.29	-34.7	20.8
269	190	-.78	-21.1	11.5	331	80	-1.01	-27.2	27.1	379	270	-1.06	-28.5	11.4
270	210	-.44	-12.2	11.3	332	70	-1.20	-32.5	24.1	380	280	-.56	-15.2	15.2
271	200	-.89	-24.2	12.5	333	60	-1.10	-29.8	21.8	381	160	.56	-10.4	15.0
272	190	-.63	-17.0	11.4	334	80	-1.15	-31.1	21.2	382	120	.59	-10.1	12.6
273	80	.53	-12.2	14.2	335	140	-1.34	-34.2	24.5	383	120	.46	-10.9	12.6
274	320	-.70	-18.8	14.6	336	250	-1.73	-46.8	24.9	384	110	.51	-12.2	13.8
275	280	-1.06	-28.7	12.0	337	210	-1.90	-51.3	25.2	385	210	-.46	-12.5	12.0
276	320	-1.18	-32.0	5.4	338	230	-1.13	-30.4	22.8	386	100	.55	-10.9	14.9
277	310	-1.23	-33.3	4.3	339	210	-1.08	-29.3	24.2	401	230	-1.30	-35.2	17.7
278	100	.73	-13.1	19.7	340	60	-.98	-26.4	24.6	402	200	-1.14	-30.0	15.9
279	110	.56	-12.8	15.1	341	50	-1.33	-35.8	26.4	403	200	-1.31	-35.2	17.3
280	190	-.95	-25.5	15.5	342	60	-1.25	-33.7	31.7	404	280	-1.19	-32.0	18.2
281	200	-.67	-18.2	14.8	343	190	-1.50	-40.4	20.4	405	330	-1.12	-30.2	17.1
282	60	.67	-11.4	18.0	344	160	-1.22	-33.0	28.4	406	140	-.79	-21.1	14.4
283	320	-.80	-21.6	18.2	345	260	-2.61	-70.6	23.2	407	140	-.98	-26.5	19.9
284	310	-1.00	-27.0	15.2	346	220	-1.92	-51.9	24.0	408	200	-1.46	-39.4	20.8
285	310	-1.21	-32.2	8.0	347	220	-1.55	-41.9	19.0	409	220	-1.30	-35.0	22.2
286	310	-1.18	-31.1	5.4	348	210	-.74	-20.1	17.3	410	190	-1.15	-31.1	21.1
301	210	-1.21	-32.6	15.6	349	60	-1.13	-30.4	16.9	411	200	-1.32	-35.6	20.8
302	60	-1.11	-30.0	7.6	350	60	-1.13	-30.4	14.2	412	220	-1.18	-31.9	20.4
303	190	-1.30	-33.5	21.1	351	80	-1.53	-41.2	14.3	413	280	-1.48	-39.9	23.3
304	220	-1.29	-33.4	23.3	352	60	-1.36	-36.7	13.1	414	290	-1.16	-33.1	22.2
305	250	-1.09	-29.4	16.7	353	70	-1.39	-37.5	19.0	415	160	-1.13	-33.0	20.5
306	290	-1.27	-34.3	18.7	354	30	-1.37	-37.0	13.0	416	170	-1.19	-32.2	22.6
307	70	-1.24	-33.3	12.8	355	150	-1.12	-30.2	17.5	417	170	-1.86	-50.3	24.5
308	50	-1.33	-36.6	15.7	356	270	-2.11	-57.0	21.5	418	220	-.97	-26.2	25.5
309	80	-1.32	-36.5	17.9	357	210	-1.62	-43.8	7.7	419	280	-1.59	-43.1	17.7
310	80	-1.09	-29.5	19.4	358	200	-1.02	-27.4	5.0	420	340	-1.57	-42.4	19.9
311	200	-1.36	-38.8	10.2	359	280	-.63	-17.0	7.5	421	330	-1.08	-29.0	20.4
312	220	-1.87	-50.0	22.9	360	70	-.57	-15.4	6.9	422	140	-.98	-26.4	21.1
313	210	-1.64	-44.4	21.5	361	40	-.62	-16.8	6.7	423	300	-1.01	-27.3	23.8
314	210	-1.18	-31.8	17.2	362	40	-.83	-22.5	7.4	424	200	-1.29	-34.9	26.9
315	260	-1.12	-33.1	20.0	363	50	-.74	-20.1	8.0	425	300	-1.66	-44.8	19.9
316	230	-1.36	-36.6	20.6	364	50	-1.04	-28.1	7.9	426	140	-.97	-26.2	22.1
317	210	-1.46	-40.9	23.9	365	70	-.99	-26.9	5.0	427	160	-.98	-26.5	21.7
318	60	-1.04	-28.8	23.2	366	190	-.82	-22.0	13.2	428	170	-1.09	-29.5	24.6
319	130	-1.06	-29.9	28.7	367	210	-1.17	-31.7	16.7	429	190	-1.36	-37.4	23.3
320	70	-1.11	-30.0	26.0	368	280	-1.23	-33.3	7.3	430	160	-1.33	-35.9	17.8
321	40	-1.00	-28.6	23.2	369	270	-.64	-17.2	10.5	431	260	-1.55	-41.9	21.8
322	60	-.95	-25.5	24.1	370	110	.45	-11.8	12.0	432	310	-1.51	-40.8	16.6



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

601 MAIN BUILDING, TULSA  
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	----- PSF				----- PSF	----- PSF
433	340	-1.39	-37.4	19.7	462	130	-.59	-15.9	12.0	902	330	1.17	-27.2	31.5
434	140	-.90	-24.3	17.9	463	110	-.72	-19.4	18.9	903	210	-1.23	-33.1	18.9
435	330	-.74	-19.9	18.3	464	120	-.82	-22.2	14.9	904	70	-1.25	-33.8	16.4
436	250	-1.23	-33.2	26.3	465	150	-1.11	-30.1	14.4	905	190	-1.13	-30.5	15.2
437	210	-1.14	-30.9	20.0	466	130	-1.35	-36.4	16.8	906	210	-1.23	-33.3	7.2
438	280	-1.70	-45.9	14.9	467	210	-.81	-22.0	9.0	907	70	-1.23	-33.2	5.3
439	140	-.76	-20.6	17.7	468	30	-.58	-15.6	6.1	908	50	-1.16	-31.4	7.9
440	310	-.93	-25.2	20.9	469	210	-.46	-12.5	7.2	909	280	-1.04	-28.0	12.1
441	150	-1.08	-29.2	22.0	470	190	-1.03	-27.8	7.0	910	280	-1.18	-31.0	8.6
442	160	-1.20	-32.3	22.2	471	0	-.78	-21.0	4.0	911	340	-1.06	-28.6	19.3
443	170	-1.28	-34.5	19.0	472	350	-.62	-16.8	4.1	912	190	-1.27	-34.2	15.9
444	170	-1.22	-32.8	19.4	473	110	-.62	-16.8	7.8	913	250	1.03	-25.9	27.9
445	200	-1.17	-31.7	17.1	474	120	-.72	-19.6	10.3	914	210	-1.20	-32.5	14.9
446	340	-1.15	-31.1	15.6	475	110	-.90	-24.2	9.5	915	140	-1.05	-28.4	4.2
447	10	-.76	-20.6	17.8	476	120	-.71	-19.1	10.7	916	180	-1.07	-29.0	4.9
448	40	-.65	-17.6	15.8	477	110	-.79	-21.4	10.2	917	180	-.95	-25.5	24.8
449	300	-1.03	-27.9	20.2	478	280	-.51	-13.0	13.7	918	190	-1.27	-34.4	24.5
450	270	-.93	-25.2	13.1	479	190	-.57	-15.3	9.9	919	150	-1.01	-27.3	25.3
451	150	-.91	-24.5	20.6	480	200	-.52	-11.3	14.1	920	210	-1.09	-29.6	9.2
452	130	-.93	-25.2	23.0	481	220	-.65	-17.9	17.5	921	190	-1.09	-29.4	14.0
453	160	-1.32	-35.6	20.8	482	110	-.65	-17.6	15.6	922	200	-1.18	-31.9	16.1
454	160	-1.90	-51.4	13.9	483	110	-.58	-15.6	13.0	923	50	-1.08	-29.3	5.6
455	190	-1.61	-43.5	16.3	801	90	-.67	-18.1	2.9	924	110	-1.04	-28.2	12.1
456	200	-1.28	-34.5	14.4	802	90	-.95	-25.7	6.1	925	190	-1.26	-34.4	12.5
457	30	-.88	-23.6	10.8	803	190	-.57	-15.3	6.9	926	210	-1.35	-36.5	9.2
458	20	-.82	-22.0	8.4	804	70	-.48	-12.9	7.5	927	190	-1.48	-39.9	11.3
459	190	-.67	-18.2	12.6	805	110	-.66	-17.8	10.5	928	60	-1.00	-27.0	24.2
460	250	-.98	-26.4	3.8	806	190	-.61	-16.5	11.0	929	70	-1.27	-34.3	25.2
461	280	-.86	-23.1	4.6	901	230	-1.12	-30.2	26.4					

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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE = 27.0 PSF

\* \* 15 GREATEST PRESSURE MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
345	260	-2.61	-70.6	23.2
112	50	-2.12	-57.3	21.1
356	270	-2.11	-57.0	21.5
346	260	-1.92	-51.9	24.0
454	160	-1.90	-51.4	15.9
337	210	-1.90	-51.3	25.2
312	220	-1.87	-50.4	22.9
417	170	-1.86	-50.3	24.5
336	250	-1.73	-46.8	24.9
113	50	-1.72	-46.4	21.4
438	280	-1.70	-45.9	14.9
425	300	-1.66	-44.8	19.7
244	330	-1.65	-44.5	16.3
313	210	-1.64	-44.4	21.5
157	60	-1.64	-44.4	2.2

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

601 MAIN BUILDING, TULSA  
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 -----
112	50	-1.61	-43.5	12.7	313	212	-1.50	-40.4	24.6	357	214	-1.85	-50.0	8.6
113	50	-1.90	-51.2	14.7	336	258	-1.45	-39.2	26.3	417	166	-1.78	-47.9	19.5
157	66	-1.70	-46.0	5.0	337	246	-1.34	-36.3	24.6	425	296	-1.55	-41.8	18.0
236	190	-1.51	-40.7	5.2	345	262	-1.83	-49.5	31.6	438	280	-1.34	-36.3	12.0
244	340	-1.44	-38.8	-.8	346	256	-2.33	-62.9	29.3	454	170	-1.99	-53.9	22.1
312	214	-1.77	-47.9	21.9	356	266	-1.68	-45.3	22.3	455	164	-1.89	-51.1	18.6

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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE = 27.0 PSF

\* \* 15 GREATEST PRESSURE MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
346	256	-2.33	-62.9	29.3
454	170	-1.99	-53.9	22.1
113	50	-1.90	-51.2	14.7
455	164	-1.89	-51.1	18.6
357	214	-1.85	-50.0	8.6
345	262	-1.83	-49.5	31.6
417	166	-1.78	-47.9	19.5
312	214	-1.77	-47.9	21.9
157	66	-1.70	-46.0	5.0
356	266	-1.68	-45.3	22.3
112	50	-1.61	-43.5	12.7
425	296	-1.55	-41.8	18.0
236	190	-1.51	-40.7	5.2
313	212	-1.50	-40.4	24.6
336	258	-1.45	-39.2	26.5

TABLE 6B. COMPARISON OF CONFIGURATIONS A AND B : 601 MAIN BUILDING, TULSA  
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
346	260	-51.9	256	-62.9
357	210	-43.8	214	-50.0
455	190	-43.5	164	-51.1

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : 601 MAIN BUILDING, TULSA  
 CONFIGURATION A REFERENCE PRESSURE 27.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-98.3	-2.9	-	6	-	0	-0
10	-104.0	66.2	-12.1	-15.0	-	0	0
20	-114.2	198.0	-30.9	-18.6	1.9	7	4
30	-106.8	263.4	-37.8	-21.0	2.0	10	4
40	-83.2	236.8	-32.5	-14.4	2.8	11	4
50	29.1	331.1	-41.5	-1.2	2.2	16	-1
60	95.3	431.3	-53.3	6.1	3.3	18	-4
70	146.1	444.4	-54.1	12.5	3.5	11	-3
80	226.7	512.4	-61.5	22.3	4.4	7	-3
90	336.9	535.8	-65.0	33.0	2.7	4	-2
100	451.3	566.6	-69.4	55.6	1.4	2	-1
110	522.4	551.4	-68.7	66.6	0.0	0	-0
120	534.7	486.6	-63.0	69.3	0.0	0	1
130	470.1	358.6	-47.9	64.5	0.0	1	1
140	404.4	216.4	-28.1	54.1	1.1	3	5
150	383.6	94.2	-10.6	51.5	0.5	2	9
160	348.3	45.3	-3.1	46.9	0.9	2	14
170	363.9	-56.2	10.2	47.1	0.8	2	10
180	391.1	-230.3	31.3	50.8	1.1	1	1
190	469.9	-412.4	53.1	61.0	0.0	2	-2
200	315.5	-494.4	63.3	39.8	2.2	-6	-4
210	152.5	-537.2	72.3	19.6	1.1	-6	-4
220	122.7	-458.3	61.9	17.3	1.7	-6	-4
230	55.5	-412.9	54.7	8.5	0.7	-6	-3
240	-22.2	-331.1	42.6	-2.7	0.7	-2	1
250	-133.8	-288.0	36.9	-17.4	0.5	-3	6
260	-209.8	-268.4	30.7	-27.3	0.6	-3	10
270	-311.8	-226.8	24.4	-41.4	0.4	-3	11
280	-337.7	-215.8	25.1	-45.8	0.8	-3	5
290	-299.3	-222.1	26.7	-42.1	1.1	-2	2
300	-275.5	-244.5	29.1	-40.9	0.0	0	-0
310	-302.3	-296.1	35.5	-46.4	0.4	1	-1
320	-313.4	-310.8	36.8	-46.8	0.9	1	-1
330	-180.7	-143.8	19.4	-29.5	0.5	7	-8
340	-188.4	-70.3	11.0	-30.9	0.6	3	-8
350	-124.2	-33.4	4.4	-19.4	0.4	1	-3

TABLE 7. SHEAR AND MOMENT DIAGRAMS :		601 MAIN BUILDING, TULSA								GUST FACTOR 1.32				
WIND DIRECTION 0		CONFIGURATION A								REFERENCE PRESSURE 27.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-3.8	-2.4	2695	2688	-1.4	-.8	3	-5	-98.3	-2.9	-.6	-14.3	-.3
2ND	19.25	-1.6	.0	1400	1500	-1.1	.0	0	0	-94.5	-.5	-.6	-12.4	-.3
3RD	29.25	-1.8	-.1	1400	1500	-1.3	-.1	-0	1	-92.9	-.5	-.6	-11.5	-.3
4TH	39.25	-4.7	-.5	2905	3112	-1.6	-.2	-0	1	-91.1	-.4	-.6	-10.6	-.3
5TH	60.00	-4.1	-.6	2100	2250	-2.0	-.3	-0	1	-86.4	.0	-.6	-8.7	-.3
6TH	75.00	-3.9	-.5	1750	1875	-2.2	-.3	-0	0	-82.3	.6	-.6	-7.5	-.3
7TH	87.50	-4.4	-.5	1750	1875	-2.5	-.3	0	-1	-78.4	1.1	-.6	-6.5	-.3
8TH	100.00	-4.9	-.5	1750	1875	-2.8	-.3	0	-2	-73.9	1.6	-.6	-5.5	-.3
9TH	112.50	-5.4	-.5	1750	1875	-3.1	-.3	0	-4	-69.1	2.1	-.6	-4.6	-.3
10TH	125.00	-5.7	-.7	1750	1875	-3.3	-.4	1	-4	-63.7	2.6	-.5	-3.8	-.3
11TH	137.50	-6.0	-1.0	1750	1875	-3.4	-.5	1	-5	-58.0	3.3	-.5	-3.0	-.2
12TH	150.00	-6.3	-1.2	1750	1875	-3.6	-.6	1	-5	-52.0	4.3	-.4	-2.3	-.2
13TH	162.50	-6.6	-1.4	1750	1875	-3.8	-.8	1	-6	-45.6	5.5	-.4	-1.7	-.2
14TH	175.00	-7.4	.3	1750	1875	-4.2	.2	-0	-1	-39.0	6.9	-.3	-1.2	-.1
15TH	187.50	-8.0	1.0	1750	1875	-4.6	.5	-0	-2	-31.6	6.6	-.2	-.8	-.1
16TH	200.00	-8.8	.5	1750	1875	-5.0	.3	-0	-4	-23.6	5.6	-.1	-.4	-.1
17TH	212.50	-8.3	1.7	1750	1875	-4.8	.9	-1	-7	-14.8	5.1	-.1	-.2	-.1
ROOF	225.00	-6.0	2.5	1343	1513	-4.5	1.7	-2	-4	-6.4	3.4	-.0	-.0	-.0
MECH	237.00	-.4	.9	240	640	-1.8	1.4	7	3	-.4	.9	-.0	-.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-2.5	.8	2695	2888	-.9	.3	-4	-11	-104.0	66.2	-12.1	-15.8	.0
2ND	19.25	-1.2	.8	1400	1500	-.9	.5	-11	-18	-101.5	65.4	-10.8	-13.9	.1
3RD	29.25	-1.5	.6	1400	1500	-1.1	.4	-6	-16	-100.2	64.7	-10.1	-12.9	.1
4TH	39.25	-4.0	.7	2905	3112	-1.4	.2	-2	-12	-98.7	64.1	-9.5	-11.9	.1
5TH	60.00	-3.7	-.0	2100	2250	-1.7	-.0	0	-8	-94.7	63.4	-8.2	-9.9	.2
6TH	75.00	-3.8	.5	1750	1875	-2.2	.3	-0	-3	-91.0	63.4	-7.2	-8.5	.2
7TH	87.50	-4.5	1.0	1750	1875	-2.6	.6	-0	-1	-87.2	62.9	-6.4	-7.4	.2
8TH	100.00	-5.2	1.5	1750	1875	-3.0	.8	0	1	-82.7	61.9	-5.6	-6.3	.2
9TH	112.50	-6.0	2.1	1750	1875	-3.4	1.1	1	2	-77.5	60.3	-4.9	-5.3	.2
10TH	125.00	-6.3	2.6	1750	1875	-3.6	1.4	1	2	-71.5	58.2	-4.1	-4.4	.2
11TH	137.50	-6.6	3.1	1750	1875	-3.8	1.7	1	2	-65.2	55.7	-3.4	-3.5	.2
12TH	150.00	-6.9	3.6	1750	1875	-3.9	1.9	1	3	-58.6	52.6	-2.8	-2.7	.2
13TH	162.50	-7.2	4.1	1750	1875	-4.1	2.2	2	3	-51.7	48.9	-2.1	-2.0	.2
14TH	175.00	-7.8	7.6	1750	1875	-4.5	4.1	3	3	-44.5	44.8	-1.5	-1.4	.1
15TH	187.50	-8.6	8.0	1750	1875	-4.9	4.3	2	2	-36.7	37.2	-1.0	-.9	.1
16TH	200.00	-9.4	8.4	1750	1875	-5.4	4.5	1	1	-28.1	29.1	-.6	-.5	.0
17TH	212.50	-9.6	9.3	1750	1875	-5.5	4.9	1	1	-18.7	20.7	-.3	-.2	.0
ROOF	225.00	-8.0	8.7	1343	1513	-6.0	5.8	-1	-1	-9.1	11.5	-.1	-.1	.0
MECH	237.00	-1.1	2.7	240	640	-4.6	4.3	9	4	-1.1	2.7	-.0	-.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS :		601 MAIN BUILDING, TULSA								GUST FACTOR 1.32				
WIND DIRECTION 20		CONFIGURATION A								REFERENCE PRESSURE 27.0 PSF				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-114.2	198.0	-30.9	-18.6	1.9
2ND	19.25	- .3	10.6	2695	2888	- .1	3.7	8	0	-113.9	187.4	-27.2	-16.4	1.8
3RD	29.25	- .6	4.5	1400	1500	- .4	3.0	10	1	-113.3	182.8	-25.3	-15.3	1.8
4TH	39.25	- .9	4.3	1400	1500	- .6	2.8	10	2	-112.4	178.6	-23.5	-14.2	1.7
5TH	60.00	-2.8	7.9	2905	3112	-1.0	2.5	10	3	-109.6	170.7	-19.9	-11.9	1.7
6TH	75.00	-2.8	5.0	2100	2250	-1.3	2.2	9	5	-106.8	165.7	-17.4	-10.2	1.6
7TH	87.50	-3.4	4.9	1750	1875	-1.9	2.6	8	5	-103.5	160.8	-15.3	-8.9	1.5
8TH	100.00	-4.5	5.6	1750	1875	-2.6	3.0	6	5	-99.0	155.2	-13.4	-7.7	1.5
9TH	112.50	-5.6	6.3	1750	1875	-3.2	3.4	6	5	-93.3	148.9	-11.5	-6.5	1.4
10TH	125.00	-6.8	7.1	1750	1875	-3.9	3.8	5	5	-86.6	141.9	-9.7	-5.3	1.3
11TH	137.50	-7.3	8.3	1750	1875	-4.2	4.4	7	6	-79.3	133.6	-7.9	-4.3	1.2
12TH	150.00	-7.8	9.5	1750	1875	-4.5	5.1	9	7	-71.5	124.1	-6.3	-3.4	1.1
13TH	162.50	-8.3	10.7	1750	1875	-4.7	5.7	10	8	-63.2	113.4	-4.8	-2.5	.9
14TH	175.00	-8.7	11.9	1750	1875	-5.0	6.4	11	8	-54.4	101.4	-3.5	-1.8	.7
15TH	187.50	-9.5	16.3	1750	1875	-5.4	8.7	7	4	-44.9	85.2	-2.3	-1.2	.6
16TH	200.00	-10.4	18.3	1750	1875	-6.0	9.7	7	4	-34.5	66.9	-1.4	-.7	.4
17TH	212.50	-11.0	20.2	1750	1875	-6.3	10.8	6	3	-23.4	46.7	-.7	-.3	.3
ROOF	225.00	-11.7	21.6	1750	1875	-6.7	11.5	6	3	-11.7	25.1	-.2	-.1	.1
MECH	237.00	-10.1	18.2	1343	1513	-7.5	12.0	-0	-0	-1.6	6.9	-.0	-.0	.1
TOP	245.00	-1.6	6.9	240	640	-6.8	10.7	15	4	0.0	0.0	0.0	0.0	0.0

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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	4.4	15.3	2695	2888	1.6	5.3	11	-3	-106.8	263.4	-37.8	-21.8	3.0
2ND	19.25	2.6	7.4	1400	1500	1.8	4.9	12	-4	-111.2	248.1	-32.9	-19.7	2.8
3RD	29.25	2.2	7.3	1400	1500	1.6	4.9	12	-4	-113.8	240.7	-30.4	-18.6	2.7
4TH	39.25	3.3	15.0	2905	3112	1.1	4.8	11	-2	-116.0	233.4	-28.1	-17.5	2.6
5TH	60.00	1.4	10.6	2100	2250	.7	4.7	10	-1	-119.3	218.4	-23.4	-15.0	2.5
6TH	75.00	-.3	9.6	1750	1875	-.2	5.1	7	0	-120.7	207.7	-20.2	-13.2	2.4
7TH	87.50	-1.8	10.3	1750	1875	-1.1	5.5	5	1	-120.4	198.1	-17.6	-11.7	2.3
8TH	100.00	-3.4	11.0	1750	1875	-1.9	5.9	3	1	-118.6	187.8	-15.2	-10.2	2.2
9TH	112.50	-4.9	11.7	1750	1875	-2.8	6.2	2	1	-115.2	176.8	-12.9	-8.8	2.2
10TH	125.00	-6.2	12.4	1750	1875	-3.6	6.6	7	4	-110.3	165.2	-10.8	-7.3	2.2
11TH	137.50	-7.5	13.2	1750	1875	-4.3	7.0	12	7	-104.0	152.7	-8.8	-6.0	2.0
12TH	150.00	-8.8	13.9	1750	1875	-5.0	7.4	15	9	-96.5	139.6	-7.0	-4.8	1.8
13TH	162.50	-10.0	14.6	1750	1875	-5.7	7.8	17	12	-87.8	125.7	-5.3	-3.6	1.5
14TH	175.00	-13.4	17.7	1750	1875	-7.7	9.5	7	5	-77.7	111.0	-3.9	-2.6	1.2
15TH	187.50	-14.8	19.9	1750	1875	-8.4	10.6	8	6	-64.3	93.3	-2.6	-1.7	1.0
16TH	200.00	-15.6	22.2	1750	1875	-8.9	11.8	9	6	-49.5	73.3	-1.5	-1.0	.7
17TH	212.50	-16.9	23.3	1750	1875	-9.7	12.4	8	6	-34.0	51.2	-.8	-.4	.4
ROOF	225.00	-14.6	18.4	1343	1513	-10.9	12.2	-1	-1	-17.1	27.9	-.3	-.1	.2
MECH	237.00	-2.4	9.5	240	640	-10.1	14.8	18	5	-2.4	9.5	-.0	-.0	.2
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 40		601 MAIN BUILDING, TULSA										GUST FACTOR 1.32		
		CONFIGURATION A										REFERENCE PRESSURE 27.0 PSF		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-83.2	236.8	-32.5	-14.4	2.8
2ND	19.25	2.5	14.1	2695	2888	.9	4.9	13	-2	-85.7	222.7	-28.0	-12.8	2.7
3RD	29.25	.3	6.9	1400	1500	.2	4.6	12	-0	-86.0	215.8	-25.8	-11.9	2.6
4TH	39.25	-.1	7.1	1400	1500	-.1	4.7	10	0	-85.8	208.7	-23.7	-11.0	2.5
5TH	60.00	-1.6	15.2	2905	3112	-.5	4.9	7	1	-84.2	193.4	-19.5	-9.3	2.4
6TH	75.00	-2.2	11.5	2100	2250	-1.1	5.1	3	1	-82.0	182.0	-16.7	-8.0	2.4
7TH	87.50	-2.7	10.0	1750	1875	-1.5	5.3	4	1	-79.3	172.0	-14.5	-7.0	2.3
8TH	100.00	-3.5	10.3	1750	1875	-2.0	5.5	4	1	-75.8	161.6	-12.4	-6.0	2.3
9TH	112.50	-4.3	10.7	1750	1875	-2.5	5.7	4	2	-71.5	150.9	-10.5	-5.1	2.2
10TH	125.00	-5.1	11.1	1750	1875	-2.9	5.9	5	2	-66.4	139.8	-8.7	-4.3	2.2
11TH	137.50	-5.4	11.7	1750	1875	-3.1	6.3	9	4	-61.0	128.1	-7.0	-3.5	2.0
12TH	150.00	-5.5	12.3	1750	1875	-3.2	6.6	13	6	-55.5	115.7	-5.5	-2.7	1.8
13TH	162.50	-5.7	12.9	1750	1875	-3.2	6.9	17	8	-49.8	102.8	-4.1	-2.1	1.6
14TH	175.00	-5.8	13.6	1750	1875	-3.3	7.2	21	9	-44.0	89.2	-2.9	-1.5	1.2
15TH	187.50	-7.4	16.2	1750	1875	-4.2	8.6	12	6	-36.6	73.1	-1.9	-1.0	1.0
16TH	200.00	-7.9	17.5	1750	1875	-4.5	9.3	13	6	-28.7	55.6	-1.1	-.6	.7
17TH	212.50	-8.5	18.6	1750	1875	-4.8	9.9	13	6	-20.2	37.0	-.5	-.3	.4
ROOF	225.00	-9.4	18.7	1750	1875	-5.4	10.0	12	6	-10.8	18.2	-.2	-.1	.1
MECH	237.00	-9.4	13.8	1343	1513	-7.0	9.1	-0	-0	-1.4	4.4	-.0	-.0	.1
TOP	245.00	-1.4	4.4	240	640	-6.0	6.9	28	9	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 50 CONFIGURATION A

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	12.3	23.0	2695	2888	4.6	8.0	15	-8	29.1	331.1	-41.5	-1.2	5.2
2ND	19.25	5.9	11.5	1400	1500	4.2	7.7	14	-7	16.8	308.1	-35.3	-1.7	4.8
3RD	29.25	5.3	11.7	1400	1500	3.8	7.8	14	-6	10.9	296.6	-32.3	-1.8	4.6
4TH	39.25	9.0	24.8	2905	3112	3.1	8.0	13	-5	5.6	284.9	-29.4	-1.9	4.4
5TH	60.00	4.8	18.3	2100	2250	2.3	8.2	12	-3	-3.4	260.2	-23.7	-1.9	4.0
6TH	75.00	2.8	16.1	1750	1875	1.6	8.6	11	-2	-8.2	241.8	-20.0	-1.8	3.8
7TH	87.50	1.7	16.9	1750	1875	1.0	9.0	11	-1	-11.0	225.7	-17.0	-1.7	3.6
8TH	100.00	.6	17.6	1750	1875	.3	9.4	10	0	-12.7	208.9	-14.3	-1.6	3.4
9TH	112.50	-.5	18.4	1750	1875	-.3	9.8	10	0	-13.3	191.2	-11.8	-1.4	3.3
10TH	125.00	-.4	18.3	1750	1875	-.2	9.8	14	0	-12.8	172.9	-9.6	-1.2	3.1
11TH	137.50	.0	18.3	1750	1875	.0	9.8	19	0	-12.4	154.5	-7.5	-1.1	2.8
12TH	150.00	.4	18.3	1750	1875	.3	9.8	24	-1	-12.5	136.2	-5.7	-.9	2.5
13TH	162.50	.8	18.3	1750	1875	.5	9.8	29	-1	-12.9	117.9	-4.1	-.8	2.0
14TH	175.00	-1.4	22.3	1750	1875	-.8	11.9	15	1	-13.7	99.6	-2.7	-.6	1.5
15TH	187.50	-1.3	23.4	1750	1875	-.8	12.5	17	1	-12.4	77.3	-1.6	-.4	1.1
16TH	200.00	-1.8	23.3	1750	1875	-1.0	12.4	17	1	-11.0	53.9	-.8	-.3	.8
17TH	212.50	-2.8	21.3	1750	1875	-1.6	11.4	17	2	-9.2	30.6	-.3	-.2	.3
ROOF	225.00	-4.9	10.8	1343	1513	-3.6	7.1	-11	-5	-6.4	9.3	-.0	-.1	-.0
MECH	237.00	-1.5	-1.5	240	640	-6.3	-2.4	-40	40	-1.5	-1.5	.0	-.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 60

AND MOMENT DIAGRAMS :  
CONFIGURATION A

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	17.9	33.7	2695	2888	6.6	11.7	16	-8	95.3	431.3	-53.3	6.1	8.3
2ND	19.25	9.2	16.1	1400	1500	6.6	10.8	15	-8	77.4	397.5	-45.3	4.4	7.6
3RD	29.25	8.6	15.8	1400	1500	6.2	10.5	15	-8	68.2	381.4	-41.5	3.7	7.3
4TH	39.25	16.1	31.7	2905	3112	5.5	10.2	16	-8	59.6	365.6	-37.7	3.1	7.0
5TH	60.00	10.1	22.0	2100	2250	4.8	9.8	17	-8	43.5	333.9	-30.5	2.0	6.4
6TH	75.00	7.0	19.5	1750	1875	4.0	10.4	17	-6	33.4	311.9	-25.6	1.4	5.9
7TH	87.50	5.6	20.6	1750	1875	3.2	11.0	17	-5	26.4	292.4	-21.8	1.1	5.5
8TH	100.00	4.2	21.7	1750	1875	2.4	11.6	16	-3	20.8	271.8	-18.3	.8	5.2
9TH	112.50	2.8	22.8	1750	1875	1.6	12.1	16	-2	16.5	250.2	-15.1	.5	4.8
10TH	125.00	2.7	23.6	1750	1875	1.5	12.6	20	-2	13.7	227.4	-12.1	.3	4.4
11TH	137.50	2.8	24.4	1750	1875	1.6	13.0	24	-3	11.0	203.8	-9.4	.2	4.0
12TH	150.00	2.9	25.2	1750	1875	1.7	13.5	28	-3	8.2	179.4	-7.0	.1	3.4
13TH	162.50	3.0	26.1	1750	1875	1.7	13.9	32	-4	5.3	154.1	-4.9	-.0	2.6
14TH	175.00	1.7	31.8	1750	1875	1.0	17.0	18	-1	2.3	128.1	-3.1	-.1	1.8
15TH	187.50	2.0	33.4	1750	1875	1.2	17.8	18	-1	.6	96.3	-1.7	-.1	1.2
16TH	200.00	1.2	32.2	1750	1875	.7	17.2	16	-1	-1.4	62.8	-.7	-.1	.6
17TH	212.50	.2	28.4	1750	1875	.1	15.1	15	-0	-2.6	30.6	-.1	-.1	.1
ROOF	225.00	-1.9	9.5	1343	1513	-1.4	6.3	-38	-8	-2.8	2.2	.1	-.0	-.3
MECH	237.00	-.9	-7.2	240	640	-3.9	-11.3	-7	1	-.9	-7.2	.0	-.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 70

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	21.9	35.3	2695	2888	8.1	12.2	13	-8	146.1	444.4	-54.1	12.5	5.2
2ND	19.25	10.8	16.9	1400	1500	7.7	11.3	11	-7	124.3	409.2	-45.9	9.9	4.5
3RD	29.25	10.3	16.7	1400	1500	7.4	11.1	11	-7	113.5	392.3	-41.9	8.7	4.3
4TH	39.25	19.9	33.7	2905	3112	6.9	10.8	11	-7	103.2	375.6	-38.0	7.6	4.0
5TH	60.00	13.2	23.7	2100	2250	6.3	10.5	11	-6	83.3	341.9	-30.6	5.7	3.5
6TH	75.00	9.7	20.9	1750	1875	5.6	11.2	11	-5	70.1	318.2	-25.6	4.5	3.2
7TH	87.50	8.4	22.1	1750	1875	4.8	11.8	11	-4	60.4	297.3	-21.8	3.7	2.9
8TH	100.00	7.1	23.3	1750	1875	4.1	12.4	10	-3	51.9	275.2	-18.2	3.0	2.6
9TH	112.50	5.8	24.5	1750	1875	3.3	13.0	9	-2	44.8	251.9	-14.9	2.4	2.4
10TH	125.00	5.6	24.9	1750	1875	3.2	13.3	13	-3	39.0	227.4	-11.9	1.9	2.1
11TH	137.50	5.5	25.4	1750	1875	3.1	13.5	16	-3	33.4	202.5	-9.2	1.4	1.8
12TH	150.00	5.4	25.8	1750	1875	3.1	13.8	19	-4	27.9	177.1	-6.9	1.1	1.4
13TH	162.50	5.4	26.3	1750	1875	3.1	14.0	22	-5	22.5	151.3	-4.8	.7	.9
14TH	175.00	3.2	31.3	1750	1875	1.9	16.7	8	-1	17.1	125.0	-3.1	.5	.2
15TH	187.50	4.1	32.2	1750	1875	2.3	17.2	8	-1	13.9	93.6	-1.7	.3	-.0
16TH	200.00	4.2	31.2	1750	1875	2.4	16.6	5	-1	9.8	61.5	-.8	.2	-.3
17TH	212.50	3.8	26.8	1750	1875	2.2	14.3	2	-0	5.6	30.3	-.2	.1	-.4
ROOF	225.00	1.8	7.8	1343	1513	1.3	5.2	-73	17	1.8	3.5	.0	.0	-.5
MECH	237.00	-.0	-4.3	240	640	-.0	-6.8	-25	0	-.0	-4.3	.0	-.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA															
WIND DIRECTION 80		CONFIGURATION A								REFERENCE PRESSURE 27.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
1ST	0.00									226.7	512.4	-61.5	23.4	4.4	
2ND	19.25	23.0	40.8	2695	2888	8.5	14.1	11	-6	203.6	471.6	-52.0	19.3	3.8	
3RD	29.25	13.0	19.9	1400	1500	9.3	13.3	10	-7	190.7	451.7	-47.4	17.3	3.5	
4TH	39.25	12.7	19.6	1400	1500	9.0	13.1	10	-7	178.0	432.1	-42.9	15.5	3.2	
5TH	60.00	25.3	39.8	2905	3112	8.7	12.8	11	-7	152.7	392.3	-34.4	12.0	2.6	
6TH	75.00	17.5	28.0	2100	2250	8.4	12.4	11	-7	135.1	364.2	-28.7	9.9	2.2	
7TH	87.50	13.7	24.8	1750	1875	7.8	13.2	10	-6	121.4	339.4	-24.3	8.3	1.8	
8TH	100.00	12.7	26.3	1750	1875	7.3	14.0	10	-5	108.7	313.1	-20.2	6.8	1.5	
9TH	112.50	11.8	27.8	1750	1875	6.7	14.8	9	-4	96.9	285.4	-16.5	5.6	1.2	
10TH	125.00	10.8	29.2	1750	1875	6.2	15.6	8	-3	86.0	256.2	-13.1	4.4	1.0	
11TH	137.50	10.8	29.5	1750	1875	6.2	15.7	9	-3	75.2	226.7	-10.1	3.4	.7	
12TH	150.00	11.0	29.8	1750	1875	6.3	15.9	11	-4	64.2	196.8	-7.5	2.5	.3	
13TH	162.50	11.1	30.2	1750	1875	6.4	16.1	13	-5	53.1	166.7	-5.2	1.8	-.2	
14TH	175.00	11.3	30.5	1750	1875	6.4	16.3	15	-6	41.8	136.2	-3.3	1.2	-.7	
15TH	187.50	9.2	35.2	1750	1875	5.3	18.8	3	-1	32.6	100.9	-1.8	.7	-.8	
16TH	200.00	9.2	35.4	1750	1875	5.3	18.9	2	-1	23.4	65.5	-.8	.4	-.9	
17TH	212.50	9.8	33.9	1750	1875	5.6	18.1	-0	0	13.6	31.7	-.2	.2	-.8	
ROOF	225.00	8.1	29.3	1750	1875	4.6	15.6	-4	1	5.5	2.3	.0	.0	-.7	
MECH	237.00	4.7	8.7	1343	1513	3.5	5.8	-62	34	.9	-6.4	.0	.0	-.0	
TOP	245.00	.9	-6.4	240	640	3.6	-9.9	2	0	0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA														
WIND DIRECTION 90		CONFIGURATION A				REFERENCE PRESSURE 27.0 PSF			GUST FACTOR 1.32					
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									336.9	535.8	-65.0	38.8	2.7
2ND	19.25	26.7	40.9	2695	2888	9.9	14.2	8	-5	310.2	494.9	-55.0	32.5	2.2
3RD	29.25	15.2	20.5	1400	1500	10.8	13.6	7	-5	295.0	474.5	-50.2	29.5	2.0
4TH	39.25	15.1	20.2	1400	1500	10.8	13.5	8	-6	280.0	454.3	-45.5	26.6	1.8
5TH	60.00	31.1	41.1	2905	3112	10.7	13.2	8	-6	248.9	413.2	-36.5	21.1	1.2
6TH	75.00	22.3	29.0	2100	2250	10.6	12.9	8	-6	226.6	384.2	-30.6	17.6	.9
7TH	87.50	18.4	25.8	1750	1875	10.5	13.8	7	-5	208.3	358.4	-25.9	14.9	.6
8TH	100.00	18.2	27.4	1750	1875	10.4	14.6	6	-4	190.0	331.0	-21.6	12.4	.3
9TH	112.50	18.1	29.0	1750	1875	10.3	15.5	5	-3	171.9	302.0	-17.7	10.1	.1
10TH	125.00	17.9	30.6	1750	1875	10.2	16.3	4	-3	154.0	271.3	-14.1	8.1	-.1
11TH	137.50	18.2	31.2	1750	1875	10.4	16.6	5	-3	135.8	240.2	-10.9	6.3	-.3
12TH	150.00	18.5	31.7	1750	1875	10.6	16.9	5	-3	117.3	208.4	-8.1	4.7	-.5
13TH	162.50	18.8	32.3	1750	1875	10.8	17.2	6	-3	98.5	176.2	-5.7	3.3	-.8
14TH	175.00	19.2	32.8	1750	1875	11.0	17.5	6	-4	79.3	143.3	-3.7	2.2	-1.0
15TH	187.50	19.1	35.7	1750	1875	10.9	19.0	1	-0	60.2	107.7	-2.1	1.3	-1.1
16TH	200.00	18.0	36.1	1750	1875	10.3	19.2	-1	1	42.2	71.6	-1.0	.7	-1.0
17TH	212.50	18.0	34.3	1750	1875	10.3	18.3	-3	1	24.3	37.3	-.3	.3	-.9
ROOF	225.00	14.1	29.4	1750	1875	8.1	15.7	-6	3	10.1	7.9	-.0	.1	-.7
MECH	237.00	8.4	10.3	1343	1513	6.2	6.8	-35	28	1.8	-2.4	.0	.0	-.1
TOP	245.00	1.8	-2.4	240	640	7.4	-3.8	18	14	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 100

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									451.3	566.3	-69.4	55.6	1.4
2ND	19.25	31.7	42.0	2695	2888	11.8	14.6	4	-3	419.6	524.3	-58.9	47.3	1.1
3RD	29.25	17.0	20.8	1400	1500	12.1	13.9	4	-3	402.6	503.5	-53.8	43.2	1.0
4TH	39.25	17.0	20.6	1400	1500	12.1	13.7	4	-4	385.7	482.9	-48.8	39.2	.8
5TH	60.00	35.1	42.1	2905	3112	12.1	13.5	5	-4	350.5	440.8	-39.3	31.6	.5
6TH	75.00	25.4	29.8	2100	2250	12.1	13.3	6	-5	325.2	411.0	-32.9	26.5	.2
7TH	87.50	21.8	26.8	1750	1875	12.5	14.3	5	-4	303.3	384.1	-27.9	22.6	-.0
8TH	100.00	22.7	28.7	1750	1875	13.0	15.3	4	-3	280.7	355.4	-23.3	18.9	-.2
9TH	112.50	23.5	30.6	1750	1875	13.4	16.3	3	-3	257.1	324.8	-19.0	15.6	-.4
10TH	125.00	24.4	32.5	1750	1875	13.9	17.3	3	-2	232.8	292.3	-15.2	12.5	-.5
11TH	137.50	25.4	33.6	1750	1875	14.5	17.9	3	-2	207.4	258.7	-11.7	9.8	-.7
12TH	150.00	26.4	34.7	1750	1875	15.1	18.5	2	-2	181.0	224.0	-8.7	7.3	-.8
13TH	162.50	27.4	35.8	1750	1875	15.6	19.1	2	-2	153.7	188.2	-6.1	5.2	-.9
14TH	175.00	28.4	36.9	1750	1875	16.2	19.7	2	-2	125.3	151.2	-4.0	3.5	-1.1
15TH	187.50	29.8	38.1	1750	1875	17.0	20.3	-0	0	95.4	113.2	-2.4	2.1	-1.1
16TH	200.00	28.6	37.2	1750	1875	16.4	19.8	-1	1	66.8	75.9	-1.2	1.1	-1.0
17TH	212.50	28.6	34.2	1750	1875	16.3	18.3	-2	2	38.2	41.7	-.4	.4	-.9
ROOF	225.00	23.2	28.6	1750	1875	13.3	15.3	-5	4	15.0	13.1	-.1	.1	-.6
MECH	237.00	13.6	11.5	1343	1513	10.1	7.6	-19	23	1.5	1.6	-.0	.0	-.1
TOP	245.00	1.5	1.6	240	640	6.1	2.5	-36	33	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 110

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	36.1	40.1	2695	2888	13.4	13.9	1	-1	522.4	551.4	-68.7	66.8	.0
2ND	19.25	19.0	19.8	1400	1500	13.6	13.2	1	-1	486.3	511.3	-58.5	57.1	-1.1
3RD	29.25	18.6	19.5	1400	1500	13.3	13.0	1	-1	467.3	491.4	-53.4	52.4	-1.1
4TH	39.25	37.2	39.2	2905	3112	12.8	12.6	2	-2	448.7	472.0	-48.6	47.8	-1.1
5TH	60.00	25.8	27.4	2100	2250	12.3	12.2	3	-3	411.5	432.8	-39.2	38.9	-1.3
6TH	75.00	22.4	25.1	1750	1875	12.8	13.4	3	-2	385.7	405.4	-33.0	32.9	-1.4
7TH	87.50	23.7	27.4	1750	1875	13.5	14.6	2	-2	363.3	380.3	-28.0	28.2	-1.5
8TH	100.00	25.0	29.6	1750	1875	14.3	15.8	1	-1	339.6	352.9	-23.5	23.8	-1.6
9TH	112.50	26.3	31.9	1750	1875	15.0	17.0	1	-1	314.6	323.3	-19.2	19.7	-1.7
10TH	125.00	28.1	33.0	1750	1875	16.1	17.6	1	-1	288.4	291.5	-15.4	16.0	-1.8
11TH	137.50	30.1	34.2	1750	1875	17.2	18.2	0	-0	260.3	258.4	-12.0	12.5	-1.8
12TH	150.00	32.0	35.3	1750	1875	18.3	18.8	0	-0	230.2	224.3	-8.9	9.5	-1.8
13TH	162.50	34.0	36.5	1750	1875	19.4	19.5	-0	0	198.1	189.0	-6.4	6.8	-1.8
14TH	175.00	38.4	37.2	1750	1875	22.0	19.8	-1	1	164.1	152.5	-4.2	4.5	-1.8
15TH	187.50	38.4	35.8	1750	1875	21.9	19.1	-1	1	125.7	115.3	-2.6	2.7	-1.8
16TH	200.00	38.0	33.5	1750	1875	21.7	17.9	-2	2	87.3	79.5	-1.3	1.4	-1.7
17TH	212.50	31.5	28.1	1750	1875	18.0	15.0	-3	4	49.3	46.0	-.5	.5	-1.5
ROOF	225.00	18.0	13.8	1343	1513	13.4	9.1	-8	11	17.8	17.9	-.1	.1	-1.3
MECH	237.00	- .3	4.2	240	640	-1.1	6.5	-8	-0	-.3	4.2	-.0	-.0	-1.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 120

601 MAIN BUILDING, TULSA  
CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	37.0	31.5	2695	2888	13.7	10.9	3	-4	534.7	486.7	-63.0	69.3	-1.5
2ND	19.25	19.0	15.9	1400	1500	13.5	10.6	3	-3	497.7	455.2	-53.9	59.4	-1.7
3RD	29.25	18.3	15.4	1400	1500	13.1	10.3	3	-4	478.7	439.3	-49.4	54.5	-1.8
4TH	39.25	35.9	30.7	2905	3112	12.4	9.9	3	-4	460.4	423.9	-45.1	49.8	-1.0
5TH	60.00	24.3	21.1	2100	2250	11.5	9.4	4	-4	424.5	393.2	-36.6	40.6	-1.2
6TH	75.00	21.6	20.5	1750	1875	12.3	10.9	2	-2	400.2	372.1	-30.9	34.4	-1.4
7TH	87.50	23.5	23.4	1750	1875	13.4	12.5	0	-0	378.7	351.5	-26.4	29.6	-1.5
8TH	100.00	25.4	26.2	1750	1875	14.5	14.0	-1	1	355.2	328.2	-22.1	25.0	-1.5
9TH	112.50	27.3	29.0	1750	1875	15.6	15.5	-2	2	329.8	301.9	-18.2	20.7	-1.5
10TH	125.00	29.4	30.3	1750	1875	16.8	16.2	-3	3	302.5	272.9	-14.6	16.7	-1.3
11TH	137.50	31.5	31.6	1750	1875	18.0	16.8	-3	3	273.1	242.6	-11.4	13.1	-1.2
12TH	150.00	33.6	32.8	1750	1875	19.2	17.5	-3	3	241.6	211.1	-8.5	9.9	-1.0
13TH	162.50	35.8	34.1	1750	1875	20.4	18.2	-3	3	207.9	178.2	-6.1	7.1	-1.8
14TH	175.00	40.5	35.0	1750	1875	23.1	18.7	-2	2	172.2	144.1	-4.1	4.7	-1.6
15TH	187.50	40.3	32.9	1750	1875	23.0	17.5	-2	2	131.7	109.2	-2.5	2.8	-1.4
16TH	200.00	39.5	31.0	1750	1875	22.6	16.5	-1	2	91.4	76.3	-1.3	1.4	-1.3
17TH	212.50	33.4	25.4	1750	1875	19.1	13.6	-1	2	51.9	45.3	-1.6	.6	-1.2
ROOF	225.00	18.5	14.6	1343	1513	13.8	9.7	-2	3	18.5	19.9	-1.2	.1	-1.1
MECH	237.00	-1.0	5.3	240	640	-1.2	8.2	5	0	-1.0	5.3	-1.0	-1.0	-1.0
TOP	245.00	-1.0	5.3	240	640	-1.2	8.2	5	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 130

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	27.7	18.7	2695	2888	10.3	6.5	4	-6	470.1	358.6	-47.9	64.5	-1.6
2ND	19.25	14.0	9.8	1400	1500	10.0	6.6	4	-6	442.4	339.9	-41.1	55.7	-1.9
3RD	29.25	13.2	9.9	1400	1500	9.4	6.6	4	-6	428.4	330.1	-37.8	51.3	-1.0
4TH	39.25	24.6	20.6	2905	3112	8.5	6.6	5	-5	415.2	320.2	-34.5	47.1	-1.1
5TH	60.00	15.5	15.0	2100	2250	7.4	6.7	5	-5	390.6	299.6	-28.1	38.7	-1.3
6TH	75.00	15.4	15.0	1750	1875	8.8	8.0	2	-2	375.2	284.6	-23.7	33.0	-1.5
7TH	87.50	18.9	17.4	1750	1875	10.8	9.3	-1	1	359.7	269.6	-20.3	28.4	-1.5
8TH	100.00	22.4	19.8	1750	1875	12.8	10.5	-3	3	340.8	252.2	-17.0	24.0	-1.5
9TH	112.50	25.8	22.1	1750	1875	14.8	11.8	-4	5	318.5	232.5	-14.0	19.9	-1.4
10TH	125.00	28.3	23.3	1750	1875	16.1	12.4	-4	5	292.6	210.4	-11.2	16.1	-1.2
11TH	137.50	30.5	24.6	1750	1875	17.4	13.1	-5	6	264.4	187.1	-8.7	12.6	-1.9
12TH	150.00	32.8	25.8	1750	1875	18.7	13.8	-5	6	233.9	162.5	-6.5	9.5	-1.6
13TH	162.50	35.0	27.1	1750	1875	20.0	14.4	-5	6	201.1	136.7	-4.7	6.8	-1.3
14TH	175.00	40.1	27.0	1750	1875	22.9	14.4	-2	3	166.1	109.6	-3.1	4.5	-1.0
15TH	187.50	39.9	24.5	1750	1875	22.8	13.1	-1	1	126.0	82.6	-1.9	2.7	-1.2
16TH	200.00	38.4	23.0	1750	1875	22.0	12.3	0	-0	86.2	58.1	-1.0	1.3	-1.3
17TH	212.50	31.8	18.9	1750	1875	18.2	10.1	0	-1	47.7	35.1	-1.5	.5	-1.2
ROOF	225.00	16.3	12.2	1343	1513	12.1	8.0	5	-6	16.0	16.2	-1.1	.1	-1.2
MECH	237.00	-1.3	4.0	240	640	-1.3	6.3	14	1	-1.3	4.0	-1.0	-1.0	-1.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 140

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	27.8	12.0	2695	2888	10.3	4.1	-0	0	404.4	216.4	-28.1	54.1	-2.5
2ND	19.25	13.4	6.2	1400	1500	9.6	4.1	1	-1	376.6	204.4	-24.1	46.6	-2.5
3RD	29.25	12.4	6.1	1400	1500	8.8	4.1	1	-2	363.2	198.3	-22.1	42.9	-2.5
4TH	39.25	22.3	12.5	2905	3112	7.7	4.0	2	-4	350.8	192.2	-20.1	39.3	-2.5
5TH	60.00	13.3	8.8	2100	2250	6.3	3.9	5	-7	328.4	179.7	-16.3	32.3	-2.6
6TH	75.00	13.2	9.4	1750	1875	7.5	5.0	0	-1	315.1	170.9	-13.6	27.5	-2.8
7TH	87.50	16.2	11.4	1750	1875	9.2	6.1	-3	4	301.9	161.5	-11.5	23.6	-2.8
8TH	100.00	19.1	13.3	1750	1875	10.9	7.1	-5	8	285.8	150.1	-9.6	19.9	-2.7
9TH	112.50	22.1	15.2	1750	1875	12.6	8.1	-7	10	266.7	136.8	-7.8	16.5	-2.5
10TH	125.00	24.1	15.3	1750	1875	13.8	8.1	-7	11	244.5	121.5	-6.2	13.3	-2.1
11TH	137.50	25.8	15.3	1750	1875	14.8	8.1	-7	12	220.5	106.3	-4.8	10.4	-1.8
12TH	150.00	27.6	15.3	1750	1875	15.8	8.2	-7	13	194.7	91.0	-3.5	7.8	-1.3
13TH	162.50	29.3	15.3	1750	1875	16.8	8.2	-7	13	167.1	75.7	-2.5	5.5	-.9
14TH	175.00	33.7	15.3	1750	1875	19.3	8.1	-3	7	137.7	60.4	-1.6	3.6	-.4
15TH	187.50	33.9	14.4	1750	1875	19.4	7.7	-2	5	104.1	45.1	-1.0	2.1	-.1
16TH	200.00	32.7	12.9	1750	1875	18.7	6.9	-1	2	70.1	30.7	-.5	1.0	.1
17TH	212.50	26.5	10.8	1750	1875	15.2	5.7	-1	2	37.5	17.8	-.2	.4	.2
ROOF	225.00	12.1	5.7	1343	1513	9.0	3.8	8	-16	10.9	7.0	-.1	.1	.3
MECH	237.00	-1.2	1.3	240	640	-4.8	2.1	19	16	-1.2	1.3	-.0	-.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 150

CONFIGURATION A

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	27.9	8.4	2695	2988	10.4	2.9	-2	5	383.6	94.2	-10.6	51.5	-3.5
2ND	19.25	13.5	4.2	1400	1500	9.7	2.8	-1	2	355.7	85.8	-8.9	44.4	-3.3
3RD	29.25	12.0	3.8	1400	1500	8.6	2.5	-0	0	342.2	81.6	-8.1	40.9	-3.3
4TH	39.25	20.1	6.7	2905	3112	6.9	2.1	1	-4	330.1	77.8	-7.3	37.5	-3.3
5TH	60.00	10.5	3.8	2100	2250	5.0	1.7	5	-13	310.0	71.1	-5.7	30.9	-3.4
6TH	75.00	11.1	4.4	1750	1875	6.3	2.3	1	-3	299.5	67.3	-4.7	26.3	-3.6
7TH	87.50	14.5	5.6	1750	1875	8.3	3.0	-2	4	288.4	62.9	-3.9	22.6	-3.6
8TH	100.00	18.0	6.8	1750	1875	10.3	3.6	-3	9	273.9	57.4	-3.1	19.1	-3.5
9TH	112.50	21.4	7.9	1750	1875	12.3	4.2	-4	12	255.9	50.6	-2.4	15.8	-3.3
10TH	125.00	23.2	7.2	1750	1875	13.3	3.8	-4	14	234.4	42.7	-1.9	12.8	-3.1
11TH	137.50	24.7	6.6	1750	1875	14.1	3.5	-4	16	211.2	35.5	-1.4	10.0	-2.7
12TH	150.00	26.2	5.9	1750	1875	15.0	3.1	-4	18	186.5	29.0	-1.0	7.5	-2.3
13TH	162.50	27.7	5.2	1750	1875	15.8	2.8	-4	20	160.3	23.1	-.6	5.3	-1.8
14TH	175.00	32.5	5.3	1750	1875	18.6	2.8	-2	12	132.6	17.8	-.4	3.5	-1.2
15TH	187.50	33.0	5.4	1750	1875	18.8	2.9	-2	11	100.1	12.5	-.2	2.0	-.8
16TH	200.00	31.1	4.5	1750	1875	17.8	2.4	-1	9	67.1	7.1	-.1	1.0	-.4
17TH	212.50	25.4	3.3	1750	1875	14.5	1.7	-1	10	36.0	2.6	-.0	.3	-.1
ROOF	225.00	11.4	-.3	1343	1513	8.5	-.2	-0	-13	10.6	-.7	.0	.1	.2
MECH	237.00	-.8	-.4	240	640	-3.5	-.6	-1	3	-.8	-.4	.0	-.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 160		601 MAIN BUILDING, TULSA						REFERENCE PRESSURE 27.0 PSF			GUST FACTOR 1.32			
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEH (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									348.3	45.2	-3.1	46.9	-4.9
2ND	19.25	24.7	7.6	2695	2888	9.2	2.6	-3	11	323.5	37.7	-2.4	40.4	-4.6
3RD	29.25	12.4	3.9	1400	1500	8.9	2.6	-2	7	311.1	33.8	-2.0	37.3	-4.5
4TH	39.25	11.0	3.4	1400	1500	7.8	2.3	-2	5	300.1	30.4	-1.7	34.2	-4.4
5TH	60.00	18.2	5.4	2905	3112	6.3	1.7	-0	0	282.0	25.0	-1.1	28.2	-4.4
6TH	75.00	9.3	2.6	2100	2250	4.4	1.1	3	-10	272.7	22.4	-1.7	24.0	-4.5
7TH	87.50	9.9	2.7	1750	1875	5.6	1.4	-0	0	262.9	19.8	-1.5	20.6	-4.5
8TH	100.00	13.1	3.2	1750	1875	7.5	1.7	-2	7	249.7	16.6	-1.3	17.4	-4.4
9TH	112.50	16.4	3.8	1750	1875	9.4	2.0	-3	11	233.4	12.8	-1.1	14.4	-4.2
10TH	125.00	19.6	4.3	1750	1875	11.2	2.3	-3	14	213.8	8.5	.1	11.6	-3.9
11TH	137.50	21.2	3.6	1750	1875	12.1	1.9	-3	17	192.5	4.9	.1	9.1	-3.6
12TH	150.00	22.5	2.9	1750	1875	12.9	1.5	-3	20	170.0	2.0	.2	6.8	-3.1
13TH	162.50	23.8	2.2	1750	1875	13.6	1.2	-2	22	146.1	-.2	.2	4.9	-2.6
14TH	175.00	25.2	1.5	1750	1875	14.4	.8	-2	25	121.0	-1.7	.2	3.2	-1.9
15TH	187.50	29.5	1.1	1750	1875	16.8	.6	-1	18	91.5	-2.8	.2	1.9	-1.4
16TH	200.00	30.4	.8	1750	1875	17.4	.4	-0	17	61.2	-3.6	.1	.9	-.9
17TH	212.50	28.4	.4	1750	1875	16.2	.2	-0	16	32.8	-4.0	.1	.3	-.4
ROOF	225.00	23.4	-.4	1750	1875	13.3	-.2	0	19	9.4	-3.6	.0	.0	.0
MECH	237.00	10.3	-3.1	1343	1513	7.7	-2.1	-1	-2	-.8	-.5	.0	-.0	-.0
TOP	245.00	-.8	-.5	240	640	-3.5	-.7	6	-10	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 170

601 MAIN BUILDING, TULSA  
CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	27.6	3.1	2695	2888	10.2	1.1	-1	7	363.9	-56.2	10.2	47.1	-3.8
2ND	19.25	14.3	1.0	1400	1500	10.2	.7	-0	4	336.3	-59.3	9.1	40.3	-3.6
3RD	29.25	13.0	.4	1400	1500	9.3	.3	-0	2	322.1	-60.3	8.5	37.0	-3.5
4TH	39.25	22.9	-1.0	2905	3112	7.9	-.3	-0	-1	309.1	-60.8	7.9	33.9	-3.5
5TH	60.00	13.1	-2.3	2100	2250	6.2	-1.0	-1	-7	286.2	-59.6	6.7	27.7	-3.5
6TH	75.00	12.5	-2.1	1750	1875	7.1	-1.1	-0	-2	273.0	-57.4	5.8	23.5	-3.6
7TH	87.50	15.0	-2.2	1750	1875	8.6	-1.2	0	2	260.5	-55.3	5.1	20.2	-3.7
8TH	100.00	17.5	-2.3	1750	1875	10.0	-1.2	1	6	245.5	-53.1	4.4	17.0	-3.6
9TH	112.50	20.0	-2.5	1750	1875	11.4	-1.3	1	8	228.1	-50.8	3.7	14.1	-3.5
10TH	125.00	21.2	-3.2	1750	1875	12.1	-1.7	2	11	208.1	-48.3	3.1	11.3	-3.4
11TH	137.50	22.2	-3.9	1750	1875	12.7	-2.1	2	14	186.9	-45.1	2.5	8.9	-3.1
12TH	150.00	23.2	-4.6	1750	1875	13.3	-2.4	3	17	164.6	-41.2	2.0	6.7	-2.8
13TH	162.50	24.2	-5.3	1750	1875	13.8	-2.8	4	19	141.4	-36.7	1.5	4.7	-2.4
14TH	175.00	27.9	-5.3	1750	1875	16.0	-2.8	3	17	117.2	-31.4	1.1	3.1	-1.9
15TH	187.50	29.2	-5.6	1750	1875	16.7	-3.0	3	17	89.2	-26.0	.7	1.8	-1.4
16TH	200.00	27.2	-5.1	1750	1875	15.5	-2.7	3	16	60.0	-20.4	.4	.9	-.9
17TH	212.50	22.7	-6.2	1750	1875	13.0	-3.3	5	17	32.9	-15.3	.2	.3	-.5
ROOF	225.00	10.4	-7.6	1343	1513	7.7	-5.0	1	1	10.1	-9.1	.1	.1	-.1
MECH	237.00	-.2	-1.5	240	640	-.9	-2.4	22	-3	-.2	-1.5	.0	-.0	-.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 180

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	28.7	-8.0	2695	2888	10.7	-2.8	-1	-4	391.1	-230.3	31.3	50.8	-5
2ND	19.25	14.0	-4.5	1400	1500	10.0	-3.0	-2	-7	362.3	-222.3	26.9	43.5	-6
3RD	29.25	13.2	-5.4	1400	1500	9.5	-3.6	-3	-7	348.3	-217.8	24.7	40.0	-7
4TH	39.25	25.0	-14.2	2905	3112	8.6	-4.6	-5	-8	335.1	-212.4	22.6	36.6	-8
5TH	60.00	16.0	-12.7	2100	2250	7.6	-5.7	-7	-9	310.1	-198.2	18.3	29.9	-1.1
6TH	75.00	14.8	-11.5	1750	1875	8.5	-6.1	-5	-6	294.1	-185.5	15.4	25.3	-1.3
7TH	87.50	17.0	-12.3	1750	1875	9.7	-6.6	-3	-4	279.3	-174.0	13.2	21.8	-1.5
8TH	100.00	19.2	-13.1	1750	1875	11.0	-7.0	-2	-2	262.2	-161.7	11.1	18.4	-1.6
9TH	112.50	21.4	-13.9	1750	1875	12.2	-7.4	-1	-1	243.0	-148.6	9.2	15.2	-1.6
10TH	125.00	22.5	-14.8	1750	1875	12.9	-7.9	1	1	221.6	-134.7	7.4	12.3	-1.7
11TH	137.50	23.4	-15.7	1750	1875	13.4	-8.4	2	2	199.1	-120.0	5.8	9.7	-1.6
12TH	150.00	24.3	-16.6	1750	1875	13.9	-8.9	2	4	175.7	-104.2	4.4	7.3	-1.6
13TH	162.50	25.2	-17.5	1750	1875	14.4	-9.4	3	5	151.4	-87.6	3.2	5.3	-1.4
14TH	175.00	28.1	-15.3	1750	1875	16.0	-8.2	5	8	126.2	-70.1	2.2	3.6	-1.2
15TH	187.50	29.9	-13.9	1750	1875	17.1	-7.4	5	10	98.1	-54.7	1.4	2.2	-9
16TH	200.00	28.5	-12.3	1750	1875	16.3	-6.5	3	8	68.3	-40.8	.8	1.1	-6
17TH	212.50	25.0	-13.2	1750	1875	14.3	-7.0	4	7	39.8	-28.6	.4	.4	-3
ROOF	225.00	13.7	-11.5	1343	1513	10.2	-7.6	1	1	14.8	-15.3	.1	.1	-1
MECH	237.00	1.1	-3.8	240	640	4.4	-6.0	14	4	1.1	-3.8	.0	.0	-1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 190

601 MAIN BUILDING, TULSA  
CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
1ST	0.00	30.5	-18.2	2695	2888	11.3	-6.3	-6	-9	469.9	-412.4	53.1	61.0	1.5
2ND	19.25	16.1	-11.1	1400	1500	11.5	-7.4	-8	-12	439.3	-394.2	45.4	52.2	1.1
3RD	29.25	15.5	-12.1	1400	1500	11.1	-8.1	-8	-10	423.2	-383.1	41.5	47.9	.8
4TH	39.25	30.4	-28.5	2905	3112	10.5	-9.2	-8	-9	407.7	-371.0	37.7	43.8	.6
5TH	60.00	20.4	-23.4	2100	2250	9.7	-10.4	-8	-7	377.3	-342.5	30.3	35.6	.1
6TH	75.00	19.2	-21.4	1750	1875	10.9	-11.4	-5	-4	356.9	-319.0	25.3	30.1	-.2
7TH	87.50	22.0	-23.1	1750	1875	12.6	-12.3	-3	-3	337.7	-297.6	21.5	25.8	-.4
8TH	100.00	24.8	-24.9	1750	1875	14.2	-13.3	-1	-1	315.7	-274.5	17.9	21.7	-.5
9TH	112.50	27.6	-26.5	1750	1875	15.8	-14.2	-0	-0	290.9	-249.6	14.6	17.9	-.6
10TH	125.00	28.4	-27.1	1750	1875	16.3	-14.5	-0	-0	263.3	-223.1	11.7	14.4	-.6
11TH	137.50	28.9	-27.7	1750	1875	16.5	-14.8	-0	-0	234.9	-195.9	9.1	11.3	-.6
12TH	150.00	28.9	-27.7	1750	1875	16.5	-14.8	-0	-0	206.0	-168.2	6.8	8.6	-.6
13TH	162.50	29.4	-28.3	1750	1875	16.8	-15.1	-1	-1	176.6	-139.9	4.9	6.2	-.7
14TH	175.00	29.8	-28.9	1750	1875	17.1	-15.4	-1	-1	146.8	-111.0	3.3	4.2	-.7
15TH	187.50	33.0	-26.3	1750	1875	18.9	-14.0	3	4	113.8	-84.7	2.1	2.5	-.5
16TH	200.00	34.4	-24.7	1750	1875	19.6	-13.2	2	3	79.4	-59.9	1.2	1.3	-.3
17TH	212.50	32.6	-20.2	1750	1875	18.6	-10.8	1	2	46.8	-39.7	.5	.5	-.2
ROOF	225.00	28.3	-19.7	1750	1875	16.2	-10.5	2	3	18.5	-20.0	.2	.1	-.1
MECH	237.00	16.8	-14.6	1343	1513	12.5	-9.6	3	3	1.6	-5.5	.0	.0	-.0
TOP	245.00	1.6	-5.5	240	640	6.8	-8.5	2	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS 1														
WIND DIRECTION 200		601 MAIN BUILDING, TULSA CONFIGURATION A REFERENCE PRESSURE 27.0 PSF								GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	14.6	-25.3	2695	2888	5.4	-8.8	-10	-6	315.5	-494.4	63.3	39.8	4.2
2ND	19.25	9.8	-13.4	1400	1500	7.0	-8.9	-10	-7	300.9	-469.1	54.0	33.9	3.8
3RD	29.25	10.1	-14.3	1400	1500	7.2	-9.5	-9	-7	291.2	-455.7	49.4	30.9	3.6
4TH	39.25	22.0	-32.4	2905	3112	7.6	-10.4	-9	-6	281.1	-441.4	44.9	28.0	3.4
5TH	60.00	16.8	-25.8	2100	2250	8.0	-11.5	-8	-5	259.1	-408.9	36.1	22.4	3.0
6TH	75.00	16.1	-24.7	1750	1875	9.2	-13.2	-6	-4	242.3	-383.1	30.1	18.7	2.7
7TH	87.50	18.4	-27.7	1750	1875	10.5	-14.8	-5	-3	226.2	-358.4	25.5	15.8	2.5
8TH	100.00	20.7	-30.7	1750	1875	11.8	-16.4	-4	-3	207.9	-330.7	21.2	13.0	2.3
9TH	112.50	23.1	-33.6	1750	1875	13.2	-17.9	-3	-2	187.1	-300.0	17.2	10.6	2.1
10TH	125.00	22.4	-33.2	1750	1875	12.8	-17.7	-5	-3	164.0	-266.4	13.7	8.4	2.0
11TH	137.50	21.2	-32.7	1750	1875	12.1	-17.5	-6	-4	141.6	-233.3	10.6	6.5	1.8
12TH	150.00	20.0	-32.3	1750	1875	11.5	-17.2	-8	-5	120.4	-200.5	7.9	4.8	1.5
13TH	162.50	18.8	-31.9	1750	1875	10.8	-17.0	-10	-6	100.3	-168.2	5.5	3.4	1.1
14TH	175.00	19.4	-34.0	1750	1875	11.1	-18.1	-6	-3	81.5	-136.3	3.6	2.3	.7
15TH	187.50	18.9	-33.3	1750	1875	10.8	-17.8	-6	-3	62.1	-102.3	2.2	1.4	.4
16TH	200.00	16.8	-30.0	1750	1875	9.6	-16.0	-6	-3	43.2	-69.0	1.1	.8	.1
17TH	212.50	14.6	-26.3	1750	1875	8.4	-14.0	-4	-2	26.3	-39.1	.4	.3	-.1
ROOF	225.00	10.1	-12.2	1343	1513	7.5	-8.1	17	14	11.7	-12.8	.1	.1	-.3
MECH	237.00	1.6	-.5	240	640	6.6	-.9	-16	-48	1.6	-.5	.0	.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA															
WIND DIRECTION 210		CONFIGURATION A								REFERENCE PRESSURE 27.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
1ST	0.00	7.4	-30.2	2695	2888	2.7	-10.5	-10	-3	152.5	-537.2	72.3	19.3	9.1	
2ND	19.25	5.2	-14.5	1400	1500	3.7	-9.7	-12	-4	145.1	-507.0	62.3	16.4	8.8	
3RD	29.25	5.3	-14.7	1400	1500	3.8	-9.8	-13	-5	139.9	-492.5	57.3	15.0	8.6	
4TH	39.25	11.6	-31.4	2905	3112	4.0	-10.1	-15	-5	134.6	-477.7	52.4	13.6	8.3	
5TH	60.00	8.8	-23.3	2100	2250	4.2	-10.4	-16	-6	123.0	-446.4	42.8	10.9	7.8	
6TH	75.00	8.1	-22.6	1750	1875	4.6	-12.1	-15	-5	114.2	-423.0	36.3	9.1	7.4	
7TH	87.50	8.9	-25.6	1750	1875	5.1	-13.7	-15	-5	106.1	-400.4	31.2	7.8	7.0	
8TH	100.00	9.8	-28.7	1750	1875	5.6	-15.3	-14	-5	97.2	-374.8	26.3	6.5	6.6	
9TH	112.50	10.6	-31.6	1750	1875	6.1	-16.9	-14	-5	87.4	-346.1	21.8	5.3	6.1	
10TH	125.00	10.0	-32.3	1750	1875	5.7	-17.2	-16	-5	76.8	-314.5	17.7	4.3	5.7	
11TH	137.50	9.2	-33.0	1750	1875	5.3	-17.6	-19	-5	66.8	-287.2	14.0	3.4	5.1	
12TH	150.00	8.4	-33.7	1750	1875	4.8	-18.0	-22	-5	57.6	-249.2	10.6	2.6	4.4	
13TH	162.50	7.5	-34.5	1750	1875	4.3	-18.4	-24	-5	49.3	-215.4	7.7	2.0	3.6	
14TH	175.00	7.8	-39.0	1750	1875	4.4	-20.8	-17	-3	41.7	-181.0	5.3	1.4	2.8	
15TH	187.50	7.6	-40.7	1750	1875	4.4	-21.7	-17	-3	34.0	-142.0	3.2	.9	2.1	
16TH	200.00	7.3	-39.3	1750	1875	4.2	-21.0	-17	-3	26.3	-101.4	1.7	.6	1.4	
17TH	212.50	8.0	-37.4	1750	1875	4.5	-20.0	-16	-3	19.0	-62.1	.7	.3	.7	
ROOF	225.00	9.8	-23.3	1343	1513	7.3	-15.4	3	1	11.1	-24.6	.2	.1	.1	
MECH	237.00	1.3	-1.3	240	640	5.5	-2.0	-51	-51	1.3	-1.3	.0	.0	.1	
TOP	245.00									0.0	0.0	0.0	0.0	0.0	

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 220

601 MAIN BUILDING, TULSA  
CONFIGURATION A  
REFERENCE PRESSURE 22.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	4.4	-26.5	2690	2888	1.6	-9.2	-10	-2	122.7	-458.3	61.9	17.3	7.7
2ND	19.25	2.8	-12.0	1400	1500	2.0	-8.0	-12	-3	118.4	-431.8	53.3	15.0	7.4
3RD	29.25	3.0	-12.0	1400	1500	2.1	-8.0	-13	-3	115.6	-419.8	49.0	13.8	7.2
4TH	39.25	6.7	-24.8	2905	3112	2.3	-8.0	-14	-4	112.6	-407.9	44.9	12.6	7.1
5TH	60.00	5.3	-17.9	2100	2250	2.5	-8.0	-15	-4	105.9	-383.1	36.7	10.4	6.7
6TH	75.00	5.3	-18.2	1750	1875	3.1	-9.7	-14	-4	100.5	-365.2	31.1	8.8	6.4
7TH	87.50	6.3	-21.3	1750	1875	3.6	-11.4	-14	-4	95.2	-347.0	26.6	7.6	6.1
8TH	100.00	7.3	-24.5	1750	1875	4.2	-13.0	-14	-4	88.8	-325.7	22.4	6.5	5.8
9TH	112.50	8.3	-27.5	1750	1875	4.7	-14.7	-14	-4	81.5	-301.2	18.5	5.4	5.5
10TH	125.00	8.0	-28.5	1750	1875	4.6	-15.2	-17	-5	73.2	-273.7	14.9	4.4	5.0
11TH	137.50	7.6	-29.6	1750	1875	4.3	-15.8	-20	-5	65.2	-245.2	11.7	3.6	4.5
12TH	150.00	7.1	-30.6	1750	1875	4.1	-16.3	-23	-5	57.6	-215.6	8.8	2.8	3.9
13TH	162.50	6.6	-31.7	1750	1875	3.8	-16.9	-25	-5	50.5	-185.0	6.3	2.1	3.2
14TH	175.00	7.2	-35.5	1750	1875	4.1	-18.9	-17	-3	43.9	-153.3	4.2	1.5	2.3
15TH	187.50	7.5	-36.7	1750	1875	4.3	-19.6	-17	-3	36.7	-117.8	2.5	1.0	1.7
16TH	200.00	7.8	-34.8	1750	1875	4.4	-18.6	-16	-4	29.2	-81.1	1.2	.6	1.1
17TH	212.50	9.3	-32.3	1750	1875	5.3	-17.2	-16	-5	21.4	-46.3	.4	.3	.5
ROOF	225.00	10.2	-16.3	1343	1513	7.6	-10.8	8	5	12.1	-14.0	.1	.1	-.1
MECH	237.00	1.9	2.3	240	640	7.8	3.6	25	-21	1.9	2.3	-.0	.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
601 MAIN BUILDING, TULSA														
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	1.2	-25.2	2695	2888	.4	-8.7	-11	-1	55.5	-412.9	54.7	8.5	8.1
2ND	19.25	1.2	-11.5	1400	1500	.9	-7.7	-13	-1	54.3	-387.7	47.0	7.4	7.8
3RD	29.25	1.1	-11.5	1400	1500	.8	-7.6	-15	-1	53.1	-376.2	43.1	6.9	7.7
4TH	39.25	2.0	-23.6	2905	3112	.7	-7.6	-16	-1	51.9	-364.7	39.4	6.4	7.5
5TH	60.00	1.2	-16.9	2100	2250	.5	-7.5	-19	-1	50.0	-341.1	32.1	5.3	7.1
6TH	75.00	1.6	-16.9	1750	1875	.9	-9.0	-18	-2	48.8	-324.2	27.1	4.6	6.8
7TH	87.50	2.4	-19.6	1750	1875	1.4	-10.4	-17	-2	47.2	-307.4	23.2	4.0	6.5
8TH	100.00	3.2	-22.3	1750	1875	1.8	-11.9	-17	-2	44.9	-287.8	19.4	3.4	6.1
9TH	112.50	4.0	-24.9	1750	1875	2.3	-13.3	-17	-3	41.7	-265.5	16.0	2.8	5.7
10TH	125.00	4.0	-25.5	1750	1875	2.3	-13.6	-21	-3	37.7	-240.6	12.8	2.3	5.3
11TH	137.50	3.8	-26.0	1750	1875	2.2	-13.9	-25	-4	33.8	-215.1	10.0	1.9	4.8
12TH	150.00	3.7	-26.6	1750	1875	2.1	-14.2	-29	-4	30.0	-189.0	7.5	1.5	4.1
13TH	162.50	3.5	-27.2	1750	1875	2.0	-14.5	-33	-4	26.3	-162.4	5.3	1.2	3.3
14TH	175.00	3.2	-33.0	1750	1875	1.8	-17.6	-21	-2	22.8	-135.3	3.4	.8	2.4
15TH	187.50	3.3	-34.8	1750	1875	1.9	-18.6	-20	-2	19.5	-102.3	1.9	.6	1.7
16TH	200.00	3.8	-32.6	1750	1875	2.2	-17.4	-19	-2	16.2	-67.5	.9	.4	1.0
17TH	212.50	5.1	-30.0	1750	1875	2.9	-16.0	-19	-3	12.5	-34.9	.2	.2	.3
ROOF	225.00	6.6	-11.5	1343	1513	4.9	-7.6	20	11	7.4	-4.9	-1.0	.1	-1.2
MECH	237.00	.8	6.6	240	640	3.4	10.3	8	-1	.8	6.6	-1.0	.0	.1
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 240

601 MAIN BUILDING, TULSA  
CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-F1-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-1.0	-20.4	2695	2888	-4	-7.1	-9	0	-22.2	-331.1	42.6	-2.7	6.8
2ND	19.25	-1.0	-10.1	1400	1500	-0	-6.7	-11	0	-21.2	-310.7	36.5	-2.2	6.7
3RD	29.25	-1.4	-10.3	1400	1500	-3	-6.8	-12	0	-21.1	-300.6	33.4	-2.0	6.5
4TH	39.25	-1.9	-21.7	2905	3112	-7	-7.0	-14	1	-20.8	-290.4	30.5	-1.8	6.4
5TH	60.00	-2.3	-16.0	2100	2250	-1.1	-7.1	-17	2	-18.9	-268.7	24.7	-1.4	6.1
6TH	75.00	-1.9	-15.0	1750	1875	-1.1	-8.0	-18	2	-16.6	-252.7	20.7	-1.1	5.8
7TH	87.50	-1.6	-16.5	1750	1875	-9	-8.8	-19	2	-14.7	-237.7	17.7	-9	5.6
8TH	100.00	-1.4	-18.0	1750	1875	-8	-9.6	-20	2	-13.1	-221.2	14.8	-8	5.2
9TH	112.50	-1.2	-19.5	1750	1875	-7	-10.4	-21	1	-11.7	-203.2	12.2	-6	4.9
10TH	125.00	-1.2	-19.8	1750	1875	-7	-10.6	-25	2	-10.5	-183.8	9.7	-5	4.5
11TH	137.50	-1.4	-20.2	1750	1875	-8	-10.8	-29	2	-9.2	-163.9	7.6	-4	4.0
12TH	150.00	-1.5	-20.6	1750	1875	-8	-11.0	-32	2	-7.9	-143.7	5.6	-2	3.4
13TH	162.50	-1.6	-21.0	1750	1875	-9	-11.2	-35	3	-6.4	-123.1	4.0	-2	2.7
14TH	175.00	-1.6	-24.9	1750	1875	-9	-13.3	-23	2	-4.8	-102.2	2.6	-1	2.0
15TH	187.50	-1.5	-26.1	1750	1875	-9	-13.9	-22	1	-3.2	-77.3	1.4	-0	1.4
16TH	200.00	-1.6	-24.4	1750	1875	-9	-13.0	-21	1	-1.6	-51.2	.6	-0	.8
17TH	212.50	-1.8	-23.2	1750	1875	-4	-12.4	-21	1	-.1	-26.8	.2	.0	.3
ROOF	225.00	.9	-9.3	1343	1513	.7	-6.2	17	2	.7	-3.6	-.9	.0	-.2
MECH	237.00	-.2	5.8	240	640	-.9	9.0	1	0	-.2	5.8	-.9	-.9	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 250		601 MAIN BUILDING, TULSA CONFIGURATION A REFERENCE PRESSURE 27.0 PSF								GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-6.6	-18.9	2695	2888	-2.4	-6.6	-10	3	-133.8	-288.0	36.9	-17.4	4.5
2ND	19.25	-2.6	-8.9	1400	1500	-1.8	-5.9	-11	3	-127.3	-269.1	31.6	-14.9	4.3
3RD	29.25	-3.2	-9.1	1400	1500	-2.3	-6.0	-12	4	-124.7	-260.2	28.9	-13.7	4.2
4TH	39.25	-6.8	-19.3	2905	3112	-3.0	-6.2	-14	6	-121.5	-251.1	26.4	-12.4	4.0
5TH	60.00	-8.1	-14.5	2100	2250	-3.9	-6.4	-16	9	-112.7	-231.8	21.4	-10.0	3.7
6TH	75.00	-7.3	-13.4	1750	1875	-4.1	-7.2	-15	8	-104.5	-217.3	18.0	-8.4	3.4
7TH	87.50	-7.5	-14.7	1750	1875	-4.3	-7.8	-13	7	-97.3	-203.9	15.4	-7.1	3.2
8TH	100.00	-7.7	-16.0	1750	1875	-4.4	-8.5	-13	6	-89.8	-189.2	12.9	-6.0	2.9
9TH	112.50	-8.0	-17.3	1750	1875	-4.6	-9.2	-12	5	-82.0	-173.2	10.6	-4.9	2.7
10TH	125.00	-8.4	-17.2	1750	1875	-4.8	-9.2	-14	7	-74.0	-155.9	8.6	-3.9	2.4
11TH	137.50	-8.9	-17.2	1750	1875	-5.1	-9.2	-15	8	-65.6	-138.7	6.8	-3.0	2.1
12TH	150.00	-9.4	-17.2	1750	1875	-5.4	-9.2	-16	9	-56.7	-121.5	5.1	-2.3	1.8
13TH	162.50	-9.8	-17.2	1750	1875	-5.6	-9.2	-18	10	-47.3	-104.3	3.7	-1.6	1.4
14TH	175.00	-8.7	-18.4	1750	1875	-5.0	-9.8	-14	6	-37.5	-87.1	2.5	-1.1	1.0
15TH	187.50	-7.9	-19.0	1750	1875	-4.5	-10.1	-13	5	-28.8	-68.7	1.5	-.7	.7
16TH	200.00	-8.3	-19.8	1750	1875	-4.8	-10.6	-13	5	-20.9	-49.7	.8	-.4	.4
17TH	212.50	-7.2	-19.5	1750	1875	-4.1	-10.4	-12	4	-12.6	-29.9	.3	-.2	.1
ROOF	225.00	-4.6	-11.2	1343	1513	-3.4	-7.4	7	-3	-5.4	-10.4	.1	-.0	-.1
MECH	237.00	-.7	.8	240	640	-3.0	1.3	-34	-31	-.7	.8	-.0	-.0	-.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 260

601 MAIN BUILDING, TULSA  
CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
1ST	0.00	-9.0	-20.3	2695	2888	-3.3	-7.0	-11	5	-209.8	-268.4	30.7	-27.3	5.6
2ND	19.25	-5.0	-10.0	1400	1500	-3.6	-6.6	-14	7	-200.7	-248.2	25.7	-23.3	5.4
3RD	29.25	-5.9	-10.4	1400	1500	-4.2	-7.0	-16	9	-195.7	-238.2	23.3	-21.4	5.2
4TH	39.25	-14.9	-23.2	2905	3112	-5.1	-7.4	-18	12	-189.9	-227.8	21.0	-19.4	5.0
5TH	60.00	-13.0	-18.0	2100	2250	-6.2	-8.0	-20	14	-175.0	-204.6	16.5	-15.6	4.4
6TH	75.00	-11.4	-15.6	1750	1875	-6.5	-8.3	-19	14	-161.9	-186.6	13.6	-13.1	3.8
7TH	87.50	-11.7	-16.2	1750	1875	-6.7	-8.6	-18	13	-150.5	-170.9	11.3	-11.2	3.4
8TH	100.00	-12.0	-16.7	1750	1875	-6.9	-8.9	-16	12	-138.8	-154.8	9.3	-9.4	3.0
9TH	112.50	-12.3	-17.2	1750	1875	-7.0	-9.2	-15	11	-126.8	-138.1	7.5	-7.7	2.5
10TH	125.00	-12.7	-16.7	1750	1875	-7.2	-8.9	-14	11	-114.5	-120.9	5.8	-6.2	2.1
11TH	137.50	-13.1	-16.3	1750	1875	-7.5	-8.7	-13	11	-101.8	-104.2	4.4	-4.8	1.8
12TH	150.00	-13.5	-15.8	1750	1875	-7.7	-8.4	-12	10	-88.7	-87.9	3.2	-3.6	1.4
13TH	162.50	-13.9	-15.3	1750	1875	-7.9	-8.2	-11	10	-75.2	-72.1	2.2	-2.6	1.1
14TH	175.00	-13.7	-15.0	1750	1875	-7.8	-8.0	-9	8	-61.3	-56.8	1.4	-1.8	.8
15TH	187.50	-13.4	-14.4	1750	1875	-7.7	-7.7	-8	8	-47.6	-41.8	.8	-1.1	.5
16TH	200.00	-13.8	-13.1	1750	1875	-7.9	-7.0	-8	9	-34.2	-27.4	.4	-.6	.3
17TH	212.50	-12.2	-11.0	1750	1875	-7.0	-5.9	-7	8	-20.4	-14.3	.1	-.2	.1
ROOF	225.00	-7.5	-3.7	1343	1513	-5.6	-2.4	4	-7	-8.2	-3.2	.0	-.1	-.1
MECH	237.00	-.7	.4	240	640	-2.8	.7	-13	-19	-.7	.4	-.0	-.0	-.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 270 CONFIGURATION A

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-13.3	-17.3	2695	2888	-4.9	-6.0	-8	6	-311.8	-226.6	24.7	-41.4	5.3
2ND	19.25	-7.8	-8.9	1400	1500	-5.6	-5.9	-10	9	-298.5	-209.3	20.5	-35.6	5.1
3RD	29.25	-8.7	-9.3	1400	1500	-6.2	-6.2	-12	11	-290.7	-200.4	18.5	-32.6	4.9
4TH	39.25	-21.0	-20.7	2905	3112	-7.2	-6.6	-14	14	-282.0	-191.1	16.5	-29.8	4.7
5TH	60.00	-17.6	-16.1	2100	2250	-8.4	-7.2	-15	17	-261.0	-179.5	12.7	-24.1	4.1
6TH	75.00	-15.6	-14.0	1750	1875	-8.9	-7.5	-15	17	-243.4	-154.4	10.3	-20.3	3.6
7TH	87.50	-16.2	-14.5	1750	1875	-9.3	-7.7	-14	16	-227.8	-140.4	8.5	-17.4	3.1
8TH	100.00	-16.9	-15.0	1750	1875	-9.7	-8.0	-14	16	-211.6	-125.9	6.8	-14.6	2.6
9TH	112.50	-17.5	-15.5	1750	1875	-10.0	-8.3	-13	15	-194.7	-110.8	5.3	-12.1	2.2
10TH	125.00	-18.2	-15.3	1750	1875	-10.4	-8.1	-11	13	-177.1	-95.3	4.0	-9.8	1.7
11TH	137.50	-18.9	-15.0	1750	1875	-10.8	-8.0	-8	10	-158.9	-80.0	2.9	-7.7	1.3
12TH	150.00	-18.9	-15.0	1750	1875	-10.8	-8.0	-8	10	-140.0	-65.0	2.0	-5.8	1.0
13TH	162.50	-19.5	-14.7	1750	1875	-11.2	-7.9	-6	8	-120.5	-50.3	1.3	-4.2	.7
14TH	175.00	-20.2	-14.5	1750	1875	-11.5	-7.7	-4	5	-100.3	-35.8	.8	-2.8	.6
15TH	187.50	-22.4	-11.9	1750	1875	-12.8	-6.3	-4	8	-78.0	-23.9	.4	-1.7	.4
16TH	200.00	-23.0	-9.7	1750	1875	-13.1	-5.2	-3	7	-55.0	-14.2	.2	-.9	.2
17TH	212.50	-23.8	-8.8	1750	1875	-13.6	-4.7	-2	6	-31.2	-5.4	.0	-.3	.0
ROOF	225.00	-20.4	-5.2	1750	1875	-11.7	-2.7	-1	3	-10.8	-.3	.0	-.1	-.1
MECH	237.00	-11.3	.1	1343	1513	-8.4	.1	-0	-5	.4	-.4	.0	.0	-.0
TOP	245.00	.4	-.4	240	640	1.8	-.6	5	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA														
WIND DIRECTION 280		CONFIGURATION A				REFERENCE PRESSURE 27.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-337.1	-215.8	25.1	-45.8	2.3
2ND	19.25	-18.2	-17.7	2695	2888	-6.7	-6.1	-5	5	-318.9	-198.1	21.2	-39.5	2.1
3RD	29.25	-9.3	-8.7	1400	1500	-6.7	-5.8	-5	5	-309.6	-189.4	19.2	-36.4	2.0
4TH	39.25	-9.8	-8.8	1400	1500	-7.0	-5.6	-5	6	-299.7	-180.6	17.4	-33.3	1.9
5TH	60.00	-22.0	-18.5	2905	3112	-7.6	-5.9	-6	7	-277.8	-162.1	13.8	-27.3	1.6
6TH	75.00	-17.2	-13.6	2100	2250	-8.2	-6.1	-7	9	-260.6	-148.5	11.5	-23.3	1.4
7TH	87.50	-14.9	-11.5	1750	1875	-8.5	-6.1	-7	8	-245.7	-137.0	9.7	-20.1	1.2
8TH	100.00	-15.3	-11.6	1750	1875	-8.7	-6.2	-6	8	-230.4	-125.4	8.1	-17.1	1.0
9TH	112.50	-15.7	-11.7	1750	1875	-9.0	-6.3	-6	8	-214.7	-113.7	6.6	-14.4	.8
10TH	125.00	-16.1	-11.9	1750	1875	-9.2	-6.3	-6	8	-198.6	-101.8	5.2	-11.8	.6
11TH	137.50	-17.1	-12.4	1750	1875	-9.8	-6.6	-4	5	-181.4	-89.5	4.0	-9.4	.5
12TH	150.00	-18.3	-12.8	1750	1875	-10.4	-6.8	-2	3	-163.2	-76.7	3.0	-7.2	.4
13TH	162.50	-19.4	-13.3	1750	1875	-11.1	-7.1	-1	2	-143.8	-63.3	2.1	-5.3	.3
14TH	175.00	-20.5	-13.8	1750	1875	-11.7	-7.4	0	0	-123.3	-49.5	1.4	-3.7	.3
15TH	187.50	-24.7	-12.5	1750	1875	-14.1	-6.7	-2	3	-98.6	-37.0	.9	-2.3	.2
16TH	200.00	-26.3	-10.5	1750	1875	-15.0	-5.6	-1	3	-72.2	-26.5	.5	-1.2	.1
17TH	212.50	-28.9	-11.8	1750	1875	-16.5	-6.3	-1	2	-43.3	-14.7	.2	-.5	.1
ROOF	225.00	-26.2	-7.9	1750	1875	-15.0	-4.2	-1	2	-17.1	-6.8	.1	-.1	.0
MECH	237.00	-16.9	-3.9	1343	1513	-12.6	-2.6	0	1	-.2	-2.8	.0	-.0	.0
TOP	245.00	-.2	-2.8	240	640	-.7	-4.4	-2	0	0.0	0.0	0.0	0.0	0.0

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

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-14.4	-16.3	2695	2888	-5.3	-5.6	-0	0	-299.3	-222.1	26.7	-42.1	1.1
2ND	19.25	-7.4	-8.8	1400	1500	-5.3	-5.8	0	-0	-284.9	-205.8	22.6	-36.4	1.1
3RD	29.25	-7.9	-8.9	1400	1500	-5.7	-6.0	-1	1	-277.4	-197.1	20.6	-33.6	1.1
4TH	39.25	-18.0	-19.1	2905	3112	-6.2	-6.1	-3	3	-269.5	-188.1	18.6	-30.9	1.1
5TH	60.00	-14.4	-14.2	2100	2250	-6.8	-6.3	-4	4	-251.5	-169.1	14.9	-25.5	1.0
6TH	75.00	-12.5	-11.8	1750	1875	-7.2	-6.3	-4	4	-237.1	-154.8	12.5	-21.8	.9
7TH	87.50	-12.9	-11.8	1750	1875	-7.4	-6.3	-5	5	-224.6	-143.0	10.6	-18.9	.7
8TH	100.00	-13.3	-11.7	1750	1875	-7.6	-6.3	-5	5	-211.6	-131.2	8.9	-16.2	.6
9TH	112.50	-13.7	-11.7	1750	1875	-7.8	-6.2	-5	6	-198.3	-119.5	7.4	-13.6	.5
10TH	125.00	-14.7	-12.0	1750	1875	-8.4	-6.4	-3	4	-184.6	-107.8	5.9	-11.2	.3
11TH	137.50	-15.8	-12.4	1750	1875	-9.0	-6.6	-1	2	-169.9	-95.8	4.7	-9.0	.2
12TH	150.00	-16.8	-12.7	1750	1875	-9.6	-6.8	0	-0	-154.2	-83.5	3.6	-7.0	.2
13TH	162.50	-17.9	-13.0	1750	1875	-10.2	-7.0	2	-2	-137.3	-70.8	2.6	-5.2	.2
14TH	175.00	-23.2	-12.4	1750	1875	-13.3	-6.6	-1	2	-119.4	-57.7	1.8	-3.6	.2
15TH	187.50	-25.3	-10.8	1750	1875	-14.5	-5.8	-1	2	-96.2	-45.3	1.1	-2.2	.2
16TH	200.00	-28.2	-13.7	1750	1875	-16.1	-7.3	-1	1	-70.9	-34.5	.6	-1.2	.1
17TH	212.50	-25.8	-10.2	1750	1875	-14.8	-5.4	-0	1	-42.7	-20.8	.3	-.5	.1
ROOF	225.00	-16.5	-7.3	1343	1513	-12.3	-4.8	-0	1	-16.9	-10.7	.1	-.1	.0
MECH	237.00	-4	-3.4	240	640	-1.5	-5.3	-0	1	-.4	-3.4	.0	-.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 300

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-11.0	-17.7	2695	2888	-4.1	-6.1	4	-3	-275.5	-244.5	29.1	-40.9	-1.0
2ND	19.25	-5.6	-9.6	1400	1500	-4.0	-6.4	6	-4	-264.5	-226.7	24.6	-35.7	.1
3RD	29.25	-5.9	-9.7	1400	1500	-4.2	-6.5	5	-3	-258.9	-217.1	22.3	-33.1	.1
4TH	39.25	-13.5	-20.7	2905	3112	-4.7	-6.7	2	-1	-253.0	-207.4	20.2	-30.5	.2
5TH	60.00	-10.8	-15.4	2100	2250	-5.1	-6.8	0	0	-239.5	-186.7	16.1	-25.4	.3
6TH	75.00	-9.6	-13.1	1750	1875	-5.5	-7.0	-1	1	-228.7	-171.3	13.4	-21.9	.3
7TH	87.50	-10.2	-13.3	1750	1875	-5.8	-7.1	-2	2	-219.0	-158.2	11.4	-19.1	.2
8TH	100.00	-10.8	-13.5	1750	1875	-6.1	-7.2	-3	2	-208.8	-144.9	9.5	-16.4	.2
9TH	112.50	-11.3	-13.8	1750	1875	-6.5	-7.3	-3	3	-198.1	-131.4	7.8	-13.9	.1
10TH	125.00	-13.0	-14.1	1750	1875	-7.4	-7.5	-1	1	-186.7	-117.6	6.2	-11.5	.1
11TH	137.50	-14.9	-14.4	1750	1875	-8.5	-7.7	0	0	-173.7	-103.5	4.8	-9.2	.0
12TH	150.00	-16.8	-14.7	1750	1875	-9.6	-7.9	2	-2	-158.8	-89.1	3.6	-7.2	.0
13TH	162.50	-18.7	-15.1	1750	1875	-10.7	-8.0	3	-4	-142.0	-74.4	2.6	-5.3	.1
14TH	175.00	-24.6	-13.8	1750	1875	-14.1	-7.3	-1	2	-123.3	-59.3	1.8	-3.6	.2
15TH	187.50	-27.0	-11.7	1750	1875	-15.4	-6.2	-1	1	-98.7	-45.5	1.1	-2.2	.1
16TH	200.00	-29.1	-13.7	1750	1875	-16.6	-7.3	0	1	-71.7	-33.8	.6	-1.2	.1
17TH	212.50	-26.4	-10.2	1750	1875	-15.1	-5.4	0	0	-42.6	-20.1	.3	-.5	.1
ROOF	225.00	-16.5	-6.9	1343	1513	-12.3	-4.5	-1	3	-16.2	-10.0	.1	-.1	.1
MECH	237.00	.3	-3.1	240	640	1.1	-4.8	-9	-1	.3	-3.1	.0	.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 310

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
1ST	0.00	-10.1	-21.2	2695	2880	-3.7	-7.3	7	-3	-302.3	-296.1	35.5	-46.4	-1.6
2ND	19.25	-5.5	-11.5	1400	1500	-3.9	-7.7	6	-3	-292.2	-274.9	30.0	-40.6	-1.4
3RD	29.25	-5.9	-11.6	1400	1500	-4.2	-7.7	5	-3	-286.7	-263.4	27.3	-37.7	-1.3
4TH	39.25	-13.3	-24.1	2905	3112	-4.6	-7.7	3	-2	-280.8	-251.8	24.7	-34.9	-1.3
5TH	60.00	-10.5	-17.5	2100	2250	-5.0	-7.8	1	-1	-267.5	-227.8	19.8	-29.2	-1.2
6TH	75.00	-9.5	-15.2	1750	1875	-5.4	-8.1	0	0	-257.0	-210.3	16.5	-25.3	-1.1
7TH	87.50	-10.2	-15.8	1750	1875	-5.8	-8.4	-0	0	-247.5	-195.1	13.9	-22.1	-1.1
8TH	100.00	-10.8	-16.4	1750	1875	-6.2	-8.7	-1	1	-237.4	-179.4	11.6	-19.1	-1.1
9TH	112.50	-11.5	-17.0	1750	1875	-6.6	-9.1	-1	1	-226.5	-163.0	9.5	-16.2	-1.2
10TH	125.00	-13.8	-17.6	1750	1875	-7.9	-9.4	0	0	-215.0	-146.0	7.5	-13.4	-1.2
11TH	137.50	-16.3	-18.3	1750	1875	-9.3	-9.7	2	-1	-201.2	-128.3	5.8	-10.8	-1.2
12TH	150.00	-18.8	-18.9	1750	1875	-10.8	-10.1	2	-2	-184.9	-110.1	4.3	-8.4	-1.1
13TH	162.50	-21.4	-19.5	1750	1875	-12.2	-10.4	3	-3	-166.1	-91.2	3.1	-6.2	-1.0
14TH	175.00	-28.3	-17.5	1750	1875	-16.2	-9.3	-1	1	-144.7	-71.7	2.0	-4.3	-1.1
15TH	187.50	-31.6	-15.1	1750	1875	-18.1	-8.1	-0	1	-116.4	-54.2	1.3	-2.7	-1.0
16TH	200.00	-34.0	-16.8	1750	1875	-19.4	-8.9	0	0	-84.7	-39.1	.7	-1.4	-1.0
17TH	212.50	-31.3	-12.1	1750	1875	-17.9	-6.5	0	-1	-50.7	-22.3	.3	-.5	-1.0
ROOF	225.00	-20.0	-7.3	1343	1513	-14.9	-4.8	-0	1	-19.4	-10.2	.1	-.1	-1.1
MECH	237.00	.6	-2.9	240	640	2.4	-4.5	-10	-2	.6	-2.9	.0	.0	.0
TOP	245.00									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 320

601 MAIN BUILDING, TULSA  
REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-313.4	-310.8	36.8	-46.8	-1.9
2ND	19.25	-10.7	-21.6	2695	2888	-4.0	-7.5	8	-4	-302.8	-289.2	31.1	-40.9	-6
3RD	29.25	-7.0	-12.5	1400	1500	-5.0	-8.3	7	-4	-295.8	-276.8	28.2	-37.9	-5
4TH	39.25	-7.3	-12.5	1400	1500	-5.2	-8.4	6	-4	-288.5	-264.2	25.5	-35.0	-4
5TH	60.00	-16.0	-26.2	2905	3112	-5.5	-8.4	5	-3	-272.6	-238.0	20.3	-29.1	-2
6TH	75.00	-12.3	-19.1	2100	2250	-5.9	-8.5	3	-2	-260.3	-218.8	16.9	-25.1	-2
7TH	87.50	-11.0	-16.5	1750	1875	-6.3	-8.8	2	-1	-249.3	-202.4	14.3	-22.0	-1
8TH	100.00	-11.7	-17.0	1750	1875	-6.7	-9.1	1	-1	-237.7	-185.4	11.8	-18.9	-1
9TH	112.50	-12.4	-17.5	1750	1875	-7.1	-9.3	1	-1	-225.3	-167.8	9.6	-16.0	-1
10TH	125.00	-13.1	-18.0	1750	1875	-7.5	-9.6	0	0	-212.3	-149.8	7.6	-13.3	-1
11TH	137.50	-14.6	-18.5	1750	1875	-8.4	-9.9	1	-1	-197.6	-131.3	5.9	-10.7	-0
12TH	150.00	-16.4	-19.0	1750	1875	-9.4	-10.1	2	-2	-181.2	-112.3	4.4	-8.4	.1
13TH	162.50	-18.2	-19.5	1750	1875	-10.4	-10.4	3	-3	-163.0	-92.8	3.1	-6.2	.2
14TH	175.00	-19.9	-20.0	1750	1875	-11.4	-10.7	4	-4	-143.1	-72.8	2.0	-4.3	.3
15TH	187.50	-27.0	-17.9	1750	1875	-15.4	-9.6	-1	2	-116.1	-54.8	1.2	-2.7	.2
16TH	200.00	-30.6	-15.8	1750	1875	-17.5	-8.4	-1	2	-85.5	-39.0	.7	-1.4	.2
17TH	212.50	-34.2	-17.1	1750	1875	-19.5	-9.1	-1	1	-51.3	-22.0	.3	-.6	.1
ROOF	225.00	-31.6	-12.3	1750	1875	-18.0	-6.6	0	1	-19.7	-9.6	.1	-.1	.1
MECH	237.00	-20.2	-7.3	1343	1513	-15.0	-4.9	-1	4	.4	-2.3	.0	.0	.0
TOP	245.00	.4	-2.3	240	640	1.7	-3.6	-11	-2	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :														
601 MAIN BUILDING, TULSA														
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	Z		
1ST	0.00	-6.4	-8.4	2695	2888	-2.4	-2.9	10	-8	-180.7	-143.8	19.4	-29.5	-2.5
2ND	19.25	-2.5	-3.6	1400	1500	-1.8	+2.4	11	-8	-174.3	-135.4	16.7	-26.1	-2.4
3RD	29.25	-2.7	-3.8	1400	1500	-1.9	-2.5	9	-6	-171.8	-131.8	15.3	-24.3	-2.3
4TH	39.25	-6.0	-8.3	2905	3112	-2.1	-2.7	6	-4	-169.1	-128.0	14.0	-22.6	-2.2
5TH	60.00	-4.7	-6.4	2100	2250	-2.2	-2.9	3	-2	-163.1	-119.7	11.5	-19.2	-2.2
6TH	75.00	-4.4	-5.9	1750	1875	-2.2	-2.9	3	-2	-158.4	-113.2	9.7	-16.8	-2.1
7TH	87.50	-4.9	-6.5	1750	1875	-2.5	-3.2	3	-2	-154.0	-107.3	8.3	-14.8	-2.1
8TH	100.00	-5.3	-7.0	1750	1875	-2.8	-3.5	4	-3	-149.1	-100.8	7.0	-12.9	-2.1
9TH	112.50	-5.8	-7.6	1750	1875	-3.1	-3.7	5	-4	-143.8	-93.8	5.8	-11.1	-2.0
10TH	125.00	-5.8	-7.6	1750	1875	-3.3	-4.0	6	-4	-138.0	-86.2	4.7	-9.3	-1.9
11TH	137.50	-6.9	-8.6	1750	1875	-3.9	-4.6	9	-7	-131.1	-77.6	3.7	-7.7	-1.8
12TH	150.00	-8.1	-9.6	1750	1875	-4.6	-5.1	12	-10	-123.0	-68.1	2.8	-6.1	-1.6
13TH	162.50	-9.3	-10.6	1750	1875	-5.3	-5.6	14	-13	-113.7	-57.5	2.0	-4.6	-1.4
14TH	175.00	-10.5	-11.5	1750	1875	-6.0	-6.2	16	-14	-103.2	-46.0	1.3	-3.2	-1.0
15TH	187.50	-17.4	-10.1	1750	1875	-9.9	-5.4	4	-7	-85.8	-35.9	.8	-2.0	-.9
16TH	200.00	-20.8	-10.0	1750	1875	-11.9	-5.3	4	-9	-65.0	-25.9	.4	-1.1	-.6
17TH	212.50	-24.5	-11.3	1750	1875	-14.0	-6.0	4	-9	-40.5	-14.5	.2	-.4	-.4
ROOF	225.00	-24.4	-8.4	1750	1875	-13.9	-4.5	4	-10	-16.1	-6.2	.1	-.1	-.1
MECH	237.00	-16.6	-4.7	1343	1513	-12.4	-3.1	1	-4	.5	-1.5	.0	.0	.0
TOP	245.00	.5	-1.5	240	640	2.0	-2.3	-5	-2	0.0	0.0	0.0	0.0	0.0



TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA  
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 27.0 PSF

GUST FACTOR 1.32

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-7.1	-1.1	2695	2888	-2.7	-1.4	3	-20	-188.4	-70.3	11.0	-30.9	-1.6
2ND	19.25	-2.2	-1	1400	1500	-1.6	-1	1	-18	-181.3	-69.2	9.7	-27.3	-1.5
3RD	29.25	-2.4	-3	1400	1500	-1.7	-2	2	-14	-179.1	-69.1	9.0	-25.5	-1.5
4TH	39.25	-5.3	-1.2	2905	3112	-1.8	-1.4	2	-9	-176.7	-68.8	8.3	-23.8	-1.4
5TH	60.00	-4.2	-1.3	2100	2250	-2.0	-1.6	1	-4	-171.4	-67.6	6.9	-20.2	-1.4
6TH	75.00	-4.2	-1.9	1750	1875	-2.4	-1.0	3	-6	-167.1	-66.2	5.9	-17.6	-1.4
7TH	87.50	-5.0	-2.7	1750	1875	-2.8	-1.4	4	-7	-162.9	-64.3	5.1	-15.6	-1.3
8TH	100.00	-5.7	-3.5	1750	1875	-3.3	-1.9	5	-8	-158.0	-61.6	4.3	-13.5	-1.3
9TH	112.50	-6.4	-4.3	1750	1875	-3.7	-2.3	6	-9	-152.3	-58.1	3.5	-11.6	-1.2
10TH	125.00	-7.7	-5.3	1750	1875	-4.4	-2.8	8	-11	-145.8	-53.8	2.8	-9.7	-1.1
11TH	137.50	-9.0	-6.2	1750	1875	-5.2	-3.3	9	-13	-138.1	-48.6	2.2	-8.0	-1.0
12TH	150.00	-10.4	-7.2	1750	1875	-5.9	-3.8	10	-15	-129.1	-42.3	1.6	-6.3	-.8
13TH	162.50	-11.7	-8.2	1750	1875	-6.7	-4.4	11	-16	-118.8	-35.1	1.2	-4.8	-.6
14TH	175.00	-13.4	-9.6	1750	1875	-7.7	-5.1	12	-17	-107.0	-27.0	.8	-3.3	-.3
15TH	187.50	-15.4	-11.1	1750	1875	-8.8	-5.9	13	-18	-88.6	-21.3	.5	-2.1	-.3
16TH	200.00	-17.7	-12.8	1750	1875	-10.1	-6.8	14	-19	-67.0	-15.8	.2	-1.1	-.2
17TH	212.50	-20.3	-14.7	1750	1875	-11.6	-7.9	15	-20	-41.4	-7.9	.1	-.5	-.1
ROOF	225.00	-24.4	-17.8	1750	1875	-14.0	-9.7	16	-21	-17.0	-2.5	.0	-.1	.0
MECH	237.00	-16.9	-12.4	1343	1513	-12.6	-8.1	-0	2	.1	.0	.0	.0	.0
TOP	245.00	-1	-0	240	640	-3	-0	-25	107	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : 601 MAIN BUILDING, TULSA																
WIND DIRECTION 350		CONFIGURATION A				REFERENCE				PRESSURE 27.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
1ST	0.00	-4.1	-1.8	2695	2888	-1.5	-.6	9	-21	-124.2	-33.4	4.4	-19.4	-.4		
2ND	19.25	-1.5	-.6	1400	1500	-1.1	-.4	9	-22	-120.1	-31.7	3.8	-17.1	-.3		
3RD	29.25	-1.7	-.7	1400	1500	-1.2	-.4	7	-17	-118.6	-31.1	3.5	-15.9	-.3		
4TH	39.25	-4.4	-1.6	2905	3112	-1.5	-.5	5	-13	-116.9	-30.4	3.2	-14.7	-.2		
5TH	60.00	-3.9	-1.3	2100	2250	-1.8	-.6	3	-9	-112.5	-28.8	2.6	-12.3	-.2		
6TH	75.00	-3.8	-1.4	1750	1875	-2.2	-.7	2	-6	-108.6	-27.5	2.1	-10.6	-.1		
7TH	87.50	-4.3	-1.6	1750	1875	-2.5	-.9	2	-5	-104.8	-26.1	1.8	-9.3	-.1		
8TH	100.00	-4.9	-1.9	1750	1875	-2.8	-1.0	1	-4	-100.5	-24.5	1.5	-8.0	-.1		
9TH	112.50	-5.4	-2.2	1750	1875	-3.1	-1.2	1	-3	-95.6	-22.6	1.2	-6.8	-.1		
10TH	125.00	-6.2	-2.6	1750	1875	-3.5	-1.4	2	-5	-90.2	-20.4	.9	-5.6	-.0		
11TH	137.50	-7.0	-2.9	1750	1875	-4.0	-1.6	3	-6	-84.0	-17.8	.7	-4.6	-.0		
12TH	150.00	-7.8	-3.3	1750	1875	-4.4	-1.8	3	-7	-77.1	-14.9	.5	-3.5	-.0		
13TH	162.50	-8.6	-3.7	1750	1875	-4.9	-2.0	4	-8	-69.3	-11.6	.3	-2.6	.1		
14TH	175.00	-11.8	-2.0	1750	1875	-6.8	-1.0	-1	4	-60.7	-7.9	.2	-1.8	.2		
15TH	187.50	-12.8	-1.3	1750	1875	-7.3	-.7	-0	3	-48.9	-5.9	.1	-1.1	.1		
16TH	200.00	-14.3	-3.2	1750	1875	-8.2	-1.7	-0	1	-36.1	-4.6	.0	-.6	.1		
17TH	212.50	-13.1	-1.3	1750	1875	-7.5	-.7	-0	1	-21.8	-1.4	.0	-.2	.1		
ROOF	225.00	-8.6	-.3	1343	1513	-6.4	-.2	-0	8	-8.7	-.0	-.0	-.1	.1		
MECH	237.00	-.1	.3	240	640	-.2	.5	30	6	-.1	.3	-.0	-.0	.0		
TOP	245.00									0.0	0.0	0.0	0.0	0.0		

TABLE 7. 601 MAIN BUILDING, TULSA  
 PROJECT 5450 CONFIGURATION A  
 SCALE = 300 REF. PRESSURE = 27.0  
 GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 12.50  
 NUMBER OF SIDES = 4 NO. OF FLOORS = 19

SIDE	ANGLE	Z-AXIS
1	0.0	2.800
2	90.0	3.000
3	180.0	2.800
4	270.0	3.000

FLOOR #	LABEL	HEIGHT-FT
1	1ST	19.25
2	2ND	10.00
3	3RD	10.00
4	4TH	20.75
5	5TH	15.00
6	6TH	12.50
7	7TH	12.50
8	8TH	12.50
9	9TH	12.50
10	10TH	12.50
11	11TH	12.50
12	12TH	12.50
13	13TH	12.50
14	14TH	12.50
15	15TH	12.50
16	16TH	12.50
17	17TH	12.50
18	ROOF	12.00
19	MECH	8.00

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	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPHIN
0	101	162	118	434	377	0	151	191	076	030	766	0	217	241	117	376	935
0	102	188	093	240	537	0	152	068	064	301	272	0	218	231	032	147	444
0	103	111	107	561	438	0	153	060	066	272	315	0	219	200	031	047	444
0	104	105	108	400	438	0	154	068	072	286	305	0	220	182	036	013	333
0	105	113	098	461	333	0	155	076	068	286	328	0	221	161	047	078	324
0	106	143	088	379	394	0	156	173	022	092	340	0	222	158	057	244	333
0	107	139	070	210	327	0	157	172	024	102	588	0	223	190	040	041	333
0	108	136	064	261	327	0	158	168	024	082	266	0	224	237	032	162	444
0	109	121	072	241	341	0	159	164	031	059	311	0	225	237	032	008	444
0	110	119	076	247	390	0	160	156	030	046	286	0	226	173	044	039	333
0	111	135	087	260	404	0	161	144	046	051	416	0	227	173	049	168	333
0	112	113	106	485	286	0	162	177	080	080	656	0	228	190	055	124	444
0	113	107	106	559	286	0	163	043	062	276	214	0	229	222	089	166	333
0	114	107	095	512	117	0	164	043	070	307	375	0	230	230	088	193	333
0	115	109	090	351	000	0	165	046	072	338	261	0	231	235	030	157	333
0	116	125	092	316	421	0	166	051	074	305	315	0	232	203	022	072	333
0	117	102	084	453	411	0	167	168	020	088	241	0	233	191	031	047	444
0	118	088	071	251	348	0	168	166	022	090	255	0	234	172	041	044	333
0	119	097	067	238	266	0	169	163	025	069	301	0	235	181	034	024	333
0	120	082	070	332	474	0	170	164	027	053	276	0	236	237	031	142	333
0	121	080	073	330	333	0	171	159	030	013	330	0	237	216	045	089	333
0	122	094	078	279	333	0	172	149	049	049	385	0	238	191	033	040	333
0	123	164	061	194	444	0	173	151	063	115	470	0	239	183	033	048	333
0	124	141	082	365	477	0	174	098	067	334	253	0	240	176	033	041	333
0	125	135	071	361	386	0	175	100	075	443	365	0	241	172	040	088	333
0	126	123	063	259	117	0	176	103	084	386	414	0	242	191	049	125	333
0	127	136	058	314	333	0	177	104	073	253	338	0	243	216	068	058	333
0	128	133	061	208	333	0	178	147	025	050	232	0	244	221	074	145	333
0	129	142	069	114	333	0	179	152	024	028	223	0	245	234	045	100	333
0	130	101	088	490	333	0	180	148	025	031	216	0	246	197	033	034	333
0	131	082	064	312	333	0	181	143	027	040	242	0	247	186	031	057	333
0	132	094	062	216	444	0	182	150	031	033	278	0	248	190	028	096	333
0	133	086	066	232	272	0	183	084	031	021	176	0	249	183	028	034	333
0	134	086	081	320	333	0	184	066	054	190	221	0	250	180	026	052	333
0	135	171	076	194	333	0	201	171	045	048	379	0	251	179	028	063	333
0	136	167	050	177	333	0	202	159	062	185	363	0	252	179	029	029	333
0	137	158	048	175	333	0	203	204	080	275	727	0	253	189	029	029	333
0	138	148	045	130	333	0	204	186	039	067	397	0	254	197	034	091	333
0	139	143	039	126	333	0	205	174	043	048	324	0	255	200	038	068	333
0	140	150	051	114	333	0	206	154	050	092	341	0	256	193	038	068	333
0	141	138	062	115	333	0	207	150	062	188	399	0	257	174	022	006	333
0	142	140	066	171	333	0	208	178	053	068	439	0	258	168	022	054	333
0	143	084	068	231	333	0	209	171	065	124	397	0	259	175	024	066	333
0	144	107	085	435	333	0	210	206	081	210	617	0	260	170	023	093	333
0	145	180	030	075	333	0	211	215	097	322	708	0	261	172	023	063	333
0	146	174	028	044	333	0	212	237	040	128	463	0	262	173	023	050	333
0	147	163	029	046	333	0	213	188	046	021	419	0	263	177	023	102	333
0	148	154	035	033	333	0	214	183	053	132	463	0	264	181	022	070	333
0	149	153	036	036	333	0	215	185	071	200	620	0	265	181	021	082	333
0	150	154	049	011	333	0	216	205	087	202	813	0	266	185	022	098	333

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	267	174	020	093	240	0	331	231	029	151	394	0	381	168	017	096	220
0	268	175	021	075	231	0	332	226	026	130	336	0	382	168	018	096	222
0	269	173	021	075	240	0	333	229	027	156	394	0	383	158	023	037	246
0	270	172	020	100	236	0	334	228	028	161	376	0	384	160	022	029	255
0	271	170	021	068	270	0	335	180	034	001	315	0	385	163	020	071	253
0	272	170	020	082	236	0	336	201	030	114	401	0	386	161	019	088	220
0	273	168	022	059	249	0	337	205	032	118	380	0	401	197	052	085	526
0	274	172	022	098	261	0	338	206	025	128	301	0	402	197	044	022	410
0	275	176	022	054	259	0	339	217	027	151	390	0	403	183	036	037	364
0	276	177	021	096	281	0	340	227	028	130	371	0	404	265	072	048	811
0	277	177	023	109	325	0	341	235	032	131	462	0	405	230	055	046	553
0	278	159	026	012	242	0	342	235	034	138	467	0	406	199	034	057	336
0	279	160	023	020	243	0	343	234	030	145	375	0	407	190	036	033	364
0	280	159	025	001	306	0	344	213	050	058	493	0	408	221	040	065	462
0	281	155	025	009	241	0	345	183	025	105	278	0	409	200	035	065	375
0	282	152	024	020	226	0	346	185	025	084	304	0	410	193	031	106	666
0	283	161	025	056	248	0	347	191	023	117	278	0	411	197	030	468	553
0	284	166	025	075	248	0	348	201	025	131	375	0	412	091	072	413	364
0	285	178	022	081	311	0	349	214	029	126	424	0	413	293	072	790	000
0	286	178	021	112	327	0	350	229	034	145	472	0	414	234	043	114	464
0	287	199	043	048	459	0	351	239	042	162	576	0	415	197	029	108	389
0	288	209	045	052	437	0	352	232	038	110	491	0	416	191	027	110	312
0	289	211	040	109	462	0	353	239	042	138	526	0	417	190	026	055	310
0	290	217	037	118	446	0	354	238	040	141	543	0	418	099	066	225	325
0	291	213	040	111	530	0	355	189	027	110	301	0	419	221	083	031	688
0	292	235	053	111	651	0	356	167	027	062	304	0	420	221	080	014	888
0	293	221	039	107	457	0	357	166	026	060	264	0	421	179	041	020	374
0	294	226	036	114	544	0	358	170	019	093	261	0	422	193	042	012	410
0	295	218	031	125	362	0	359	177	020	088	254	0	423	164	052	129	355
0	296	216	032	109	378	0	360	182	019	110	282	0	424	082	074	318	310
0	297	192	036	121	419	0	361	192	022	105	297	0	425	278	075	091	737
0	298	192	030	107	376	0	362	195	024	110	309	0	426	211	040	095	562
0	299	192	029	100	373	0	363	189	024	036	313	0	427	213	038	099	700
0	300	199	030	093	350	0	364	208	031	103	434	0	428	197	026	110	315
0	301	211	036	097	514	0	365	205	024	126	389	0	429	195	026	104	308
0	302	215	035	109	507	0	366	176	023	086	335	0	430	196	023	121	317
0	303	200	040	010	366	0	367	167	023	079	254	0	431	090	060	348	295
0	304	144	032	010	411	0	368	168	024	086	271	0	432	217	086	075	879
0	305	229	030	144	355	0	369	169	020	088	249	0	433	178	068	097	572
0	306	230	030	140	355	0	370	169	019	100	238	0	434	193	053	095	400
0	307	224	027	118	352	0	371	169	019	079	230	0	435	166	068	180	534
0	308	220	026	151	329	0	372	170	020	079	230	0	436	086	066	306	293
0	309	222	027	135	385	0	373	172	019	093	233	0	437	111	064	210	406
0	310	188	041	033	369	0	374	173	021	051	245	0	438	298	071	076	734
0	311	201	028	109	331	0	375	171	021	079	245	0	439	298	064	210	406
0	312	199	028	116	336	0	376	178	020	091	242	0	440	235	050	065	477
0	313	206	026	128	320	0	377	180	020	088	282	0	441	214	037	078	545
0	314	219	028	135	331	0	378	171	021	096	247	0	442	199	026	074	326
0	315	227	028	137	364	0	379	169	023	078	258	0	443	194	023	100	294
0	316	230	028	142	338	0	380	172	023	082	364	0	444	193	024	094	286
0	317	193	036	096	359	0	381	161	020	085	234	0	445	193	024	110	262

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	445	061	061	281	284	0	906	231	050	004	466	10	127	110	069	327	415
0	446	139	059	086	539	0	907	225	059	085	443	10	128	115	078	325	625
0	447	111	048	124	264	0	908	240	055	004	513	10	129	127	073	234	444
0	448	079	058	273	254	0	909	225	057	024	458	10	130	233	053	017	500
0	449	352	073	138	757	0	910	226	057	038	519	10	131	122	062	246	314
0	450	302	071	088	611	0	911	212	051	083	414	10	132	116	060	255	285
0	451	206	030	076	356	0	912	174	056	100	390	10	133	160	047	126	386
0	452	198	024	106	316	0	913	203	046	046	375	10	134	198	050	041	475
0	453	188	023	114	286	0	914	188	048	016	408	10	135	260	068	060	683
0	454	182	022	066	308	0	915	190	050	024	547	10	136	138	070	222	586
0	455	180	022	088	286	0	916	170	060	155	472	10	137	127	063	233	440
0	456	047	063	261	214	0	917	169	049	111	352	10	138	128	057	273	314
0	457	135	076	181	599	0	918	236	050	043	510	10	139	128	049	249	326
0	458	107	056	241	397	0	919	162	043	137	315	10	140	130	051	207	336
0	459	065	061	211	286	0	920	161	047	028	352	10	141	147	066	240	499
0	460	338	079	064	813	0	921	153	057	084	483	10	142	157	061	215	507
0	461	277	082	030	693	0	922	154	046	049	315	10	143	172	061	064	678
0	462	198	031	054	371	0	923	204	041	055	408	10	144	249	072	018	612
0	463	186	026	066	274	0	924	132	072	263	417	10	145	164	043	057	678
0	464	177	024	066	276	0	925	201	033	095	457	10	146	161	035	013	371
0	465	169	023	080	266	0	926	209	036	106	381	10	147	157	034	039	312
0	466	166	024	064	270	0	927	215	036	115	443	10	148	148	035	029	391
0	467	109	067	277	314	0	928	223	030	131	359	10	149	140	036	026	319
0	468	144	058	164	425	0	929	225	026	148	353	10	150	138	040	036	444
0	469	133	054	118	348	10	101	122	140	684	685	10	151	145	044	036	432
0	470	123	047	098	272	10	102	157	100	393	492	10	152	143	059	072	627
0	471	236	085	120	777	10	103	072	122	539	625	10	153	142	057	135	615
0	472	213	061	038	511	10	104	089	114	477	413	10	154	138	053	074	503
0	473	198	043	076	451	10	105	111	102	466	401	10	155	138	052	047	491
0	474	188	030	060	316	10	106	117	101	462	459	10	156	168	028	071	369
0	475	179	026	068	290	10	107	111	096	354	378	10	157	168	029	079	381
0	476	172	024	066	290	10	108	119	090	346	355	10	158	161	027	067	459
0	477	172	024	086	264	10	109	133	087	352	376	10	159	153	027	058	270
0	478	080	039	153	173	10	110	155	075	362	469	10	160	142	030	020	277
0	479	071	057	203	240	10	111	117	085	363	382	10	161	138	039	009	361
0	480	137	034	046	238	10	112	071	125	782	832	10	162	152	055	030	409
0	481	155	024	051	235	10	113	071	108	535	529	10	163	099	050	171	365
0	482	154	024	039	228	10	114	087	095	508	332	10	164	103	046	089	289
0	483	148	025	046	228	10	115	089	097	363	436	10	165	105	057	166	335
0	801	158	052	011	295	10	116	101	093	450	365	10	166	099	061	328	291
0	802	147	025	036	214	10	117	226	062	050	608	10	167	151	021	069	226
0	803	076	049	199	211	10	118	111	073	327	370	10	168	151	023	060	251
0	804	139	036	029	258	10	119	084	086	454	334	10	169	148	027	043	262
0	805	151	025	039	239	10	120	111	070	302	355	10	170	144	026	046	245
0	806	164	020	067	228	10	121	143	059	145	413	10	171	144	030	039	277
0	901	099	069	278	289	10	122	174	056	136	380	10	172	156	039	020	389
0	902	101	076	361	363	10	123	234	055	088	583	10	173	173	051	025	428
0	903	141	088	389	446	10	124	092	096	354	548	10	174	119	036	032	260
0	904	159	092	324	449	10	125	095	077	284	870	10	175	128	038	038	361
0	905	195	077	206	464	10	126	101	075	344	357	10	176	132	044	015	535

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN				
10	177	-	.111	.050	.175	-	323	.079	.232	-	.701	10	3307	-	.247	.054	-	.109	-	.641	
10	178	-	.147	.024	.037	-	244	-	.154	.077	-	.153	10	3308	-	.237	.046	-	.100	-	.528
10	179	-	.146	.024	.042	-	245	-	.254	.055	-	.090	10	3309	-	.228	.040	-	.100	-	.460
10	180	-	.149	.026	.004	-	246	-	.190	.040	-	.042	10	3310	-	.228	.040	-	.111	-	.435
10	181	-	.148	.027	.016	-	247	-	.175	.041	-	.007	10	3311	-	.253	.051	-	.121	-	.577
10	182	-	.142	.031	.019	-	248	-	.183	.034	-	.009	10	3312	-	.207	.044	-	.061	-	.510
10	183	-	.102	.027	.012	-	249	-	.169	.034	-	.034	10	3313	-	.205	.041	-	.082	-	.551
10	184	-	.087	.045	.127	-	250	-	.161	.037	-	.011	10	3314	-	.215	.044	-	.073	-	.462
10	201	-	.171	.060	.091	-	251	-	.156	.039	-	.007	10	3315	-	.233	.050	-	.015	-	.570
10	202	-	.102	.084	.261	-	252	-	.158	.037	-	.002	10	3316	-	.240	.048	-	.107	-	.574
10	203	-	.144	.137	.515	-	253	-	.162	.040	-	.036	10	3317	-	.152	.065	-	.159	-	.478
10	204	-	.157	.054	.126	-	254	-	.174	.040	-	.041	10	3318	-	.252	.045	-	.137	-	.535
10	205	-	.132	.060	.133	-	255	-	.175	.040	-	.124	10	3319	-	.245	.039	-	.111	-	.487
10	206	-	.088	.071	.214	-	256	-	.196	.037	-	.029	10	3320	-	.236	.033	-	.144	-	.402
10	207	-	.079	.093	.385	-	257	-	.166	.028	-	.029	10	3321	-	.232	.034	-	.125	-	.412
10	208	-	.120	.078	.262	-	258	-	.157	.031	-	.005	10	3322	-	.230	.036	-	.128	-	.473
10	209	-	.130	.084	.351	-	259	-	.168	.031	-	.045	10	3323	-	.140	.063	-	.154	-	.418
10	210	-	.124	.104	.368	-	260	-	.159	.029	-	.027	10	3324	-	.217	.036	-	.116	-	.393
10	211	-	.126	.124	.459	-	261	-	.156	.028	-	.034	10	3325	-	.213	.037	-	.107	-	.400
10	212	-	.264	.049	.138	-	262	-	.156	.028	-	.040	10	3326	-	.216	.033	-	.102	-	.354
10	213	-	.125	.071	.332	-	263	-	.162	.026	-	.076	10	3327	-	.239	.034	-	.105	-	.407
10	214	-	.110	.085	.298	-	264	-	.167	.027	-	.045	10	3328	-	.248	.039	-	.093	-	.467
10	215	-	.105	.090	.377	-	265	-	.173	.025	-	.087	10	3329	-	.246	.038	-	.128	-	.490
10	216	-	.105	.107	.380	-	266	-	.174	.026	-	.094	10	3330	-	.164	.059	-	.131	-	.409
10	217	-	.113	.128	.548	-	267	-	.159	.027	-	.018	10	3331	-	.247	.038	-	.146	-	.457
10	218	-	.249	.044	.136	-	268	-	.156	.025	-	.011	10	3332	-	.247	.038	-	.137	-	.492
10	219	-	.180	.045	.001	-	269	-	.148	.027	-	.040	10	3333	-	.245	.035	-	.125	-	.412
10	220	-	.153	.050	.145	-	270	-	.153	.025	-	.038	10	3334	-	.242	.034	-	.137	-	.407
10	221	-	.112	.074	.255	-	271	-	.150	.025	-	.029	10	3335	-	.145	.054	-	.083	-	.389
10	222	-	.102	.080	.313	-	272	-	.146	.027	-	.004	10	3336	-	.215	.037	-	.084	-	.435
10	223	-	.140	.063	.154	-	273	-	.143	.025	-	.054	10	3337	-	.216	.040	-	.114	-	.425
10	224	-	.250	.037	.129	-	274	-	.147	.026	-	.034	10	3338	-	.220	.034	-	.095	-	.375
10	225	-	.142	.060	.212	-	275	-	.153	.024	-	.047	10	3339	-	.233	.036	-	.132	-	.506
10	226	-	.134	.068	.490	-	276	-	.157	.021	-	.081	10	3340	-	.246	.039	-	.139	-	.460
10	227	-	.118	.064	.198	-	277	-	.156	.021	-	.083	10	3341	-	.255	.045	-	.155	-	.508
10	228	-	.119	.077	.291	-	278	-	.142	.031	-	.012	10	3342	-	.253	.043	-	.141	-	.503
10	229	-	.129	.090	.291	-	279	-	.142	.028	-	.027	10	3343	-	.251	.040	-	.141	-	.464
10	230	-	.141	.101	.353	-	280	-	.134	.031	-	.023	10	3344	-	.239	.074	-	.032	-	.716
10	231	-	.247	.039	.138	-	281	-	.132	.030	-	.023	10	3345	-	.183	.029	-	.079	-	.345
10	232	-	.194	.041	.034	-	282	-	.136	.030	-	.010	10	3346	-	.186	.028	-	.095	-	.287
10	233	-	.169	.050	.068	-	283	-	.134	.030	-	.016	10	3347	-	.196	.028	-	.104	-	.350
10	234	-	.136	.056	.209	-	284	-	.144	.025	-	.027	10	3348	-	.220	.035	-	.120	-	.403
10	235	-	.141	.054	.176	-	285	-	.154	.021	-	.088	10	3349	-	.242	.047	-	.116	-	.693
10	236	-	.255	.040	.141	-	286	-	.152	.021	-	.055	10	3350	-	.253	.051	-	.141	-	.568
10	237	-	.235	.068	.078	-	301	-	.222	.051	-	.053	10	3351	-	.265	.062	-	.146	-	.686
10	238	-	.181	.054	.044	-	302	-	.237	.055	-	.076	10	3352	-	.251	.050	-	.111	-	.563
10	239	-	.164	.054	.126	-	303	-	.228	.054	-	.093	10	3353	-	.258	.055	-	.146	-	.640
10	240	-	.143	.050	.147	-	304	-	.225	.048	-	.079	10	3354	-	.257	.059	-	.109	-	.837
10	241	-	.135	.054	.137	-	305	-	.236	.057	-	.098	10	3355	-	.179	.032	-	.076	-	.317
10	242	-	.139	.058	.139	-	306	-	.259	.066	-	.102	10	3356	-	.152	.024	-	.074	-	.257



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	357	-156	.023	-.051	-.248	10	421	-.257	.048	-.137	-.466	10	471	-.203	.060	-.028	-.619
10	358	-165	.020	-.097	-.260	10	422	-.240	.041	-.111	-.436	10	472	-.193	.047	-.041	-.522
10	359	-179	.024	-.097	-.348	10	423	-.229	.049	-.060	-.488	10	473	-.191	.034	-.092	-.404
10	360	-186	.026	-.095	-.362	10	424	-.138	.064	-.204	-.644	10	474	-.182	.024	-.100	-.303
10	361	-194	.030	-.072	-.387	10	425	-.238	.043	-.129	-.460	10	475	-.171	.022	-.082	-.266
10	362	-199	.034	-.086	-.375	10	426	-.232	.038	-.103	-.453	10	476	-.160	.021	-.076	-.246
10	363	-192	.030	-.049	-.331	10	427	-.219	.032	-.116	-.362	10	477	-.157	.021	-.049	-.244
10	364	-218	.038	-.086	-.501	10	428	-.208	.030	-.107	-.410	10	478	-.104	.029	-.068	-.194
10	365	-217	.039	-.104	-.545	10	429	-.208	.028	-.124	-.375	10	479	-.104	.054	-.169	-.258
10	366	-168	.032	-.049	-.389	10	430	-.211	.030	-.124	-.330	10	480	-.149	.029	-.036	-.241
10	367	-155	.020	-.072	-.232	10	431	-.120	.060	-.261	-.306	10	481	-.162	.022	-.076	-.241
10	368	-156	.020	-.079	-.227	10	432	-.305	.083	-.062	-1.135	10	482	-.161	.019	-.085	-.228
10	369	-160	.021	-.072	-.232	10	433	-.304	.080	-.034	-.743	10	483	-.155	.021	-.062	-.233
10	370	-161	.021	-.081	-.239	10	434	-.265	.051	-.092	-.531	10	801	-.149	.030	-.023	-.263
10	371	-161	.021	-.088	-.260	10	435	-.254	.061	-.034	-.620	10	802	-.149	.026	-.009	-.224
10	372	-160	.025	-.049	-.253	10	436	-.181	.059	-.005	-.622	10	803	-.098	.042	-.146	-.210
10	373	-161	.024	-.086	-.266	10	437	-.238	.061	-.038	-.557	10	804	-.150	.031	-.021	-.363
10	374	-154	.027	-.021	-.253	10	438	-.279	.058	-.133	-.717	10	805	-.160	.020	-.076	-.224
10	375	-167	.024	-.032	-.278	10	439	-.260	.048	-.137	-.570	10	806	-.146	.027	-.007	-.221
10	376	-174	.027	-.067	-.345	10	440	-.233	.039	-.105	-.568	10	901	-.095	.073	-.442	-.287
10	377	-154	.025	-.030	-.262	10	441	-.214	.030	-.122	-.402	10	902	-.088	.087	-.394	-.357
10	378	-156	.019	-.092	-.220	10	442	-.207	.025	-.096	-.327	10	903	-.127	.080	-.264	-.455
10	379	-160	.019	-.051	-.224	10	443	-.206	.027	-.114	-.341	10	904	-.138	.088	-.308	-.413
10	380	-157	.020	-.065	-.210	10	444	-.212	.030	-.118	-.325	10	905	-.138	.090	-.273	-.448
10	381	-159	.019	-.078	-.212	10	445	-.143	.057	-.014	-.560	10	906	-.244	.057	-.027	-.484
10	382	-156	.022	-.061	-.234	10	446	-.217	.075	-.011	-.709	10	907	-.234	.064	-.089	-.656
10	383	-151	.028	-.032	-.272	10	447	-.200	.069	-.009	-.761	10	908	-.228	.068	-.004	-.546
10	384	-155	.026	-.043	-.290	10	448	-.159	.049	-.072	-.518	10	909	-.223	.059	-.062	-.521
10	385	-143	.025	-.039	-.216	10	449	-.271	.053	-.100	-.494	10	910	-.253	.080	-.080	-.666
10	386	-146	.022	-.036	-.214	10	450	-.234	.044	-.086	-.471	10	911	-.257	.049	-.121	-.551
10	401	-269	.059	-.096	-.538	10	451	-.204	.027	-.096	-.335	10	912	-.133	.078	-.225	-.402
10	402	-219	.042	-.057	-.391	10	452	-.193	.024	-.045	-.309	10	913	-.226	.041	-.051	-.531
10	403	-199	.039	-.055	-.404	10	453	-.186	.023	-.082	-.279	10	914	-.212	.053	-.072	-.505
10	404	-254	.047	-.140	-.475	10	454	-.181	.023	-.090	-.274	10	915	-.204	.047	-.010	-.472
10	405	-257	.043	-.118	-.481	10	455	-.178	.023	-.098	-.270	10	916	-.173	.082	-.112	-.545
10	406	-249	.048	-.120	-.527	10	456	-.102	.049	-.154	-.327	10	917	-.113	.073	-.238	-.354
10	407	-237	.051	-.109	-.568	10	457	-.134	.065	-.184	-.802	10	918	-.223	.056	-.032	-.610
10	408	-226	.051	-.060	-.529	10	458	-.128	.054	-.113	-.412	10	919	-.107	.067	-.217	-.300
10	409	-222	.053	-.057	-.646	10	459	-.102	.050	-.125	-.266	10	920	-.169	.054	-.045	-.381
10	410	-219	.047	-.109	-.525	10	460	-.262	.062	-.017	-.617	10	921	-.162	.063	-.127	-.411
10	411	-221	.046	-.086	-.661	10	461	-.209	.047	-.076	-.469	10	922	-.168	.054	-.116	-.346
10	412	-124	.079	-.304	-.388	10	462	-.186	.025	-.076	-.319	10	923	-.242	.054	-.079	-.529
10	413	-222	.041	-.086	-.542	10	463	-.181	.021	-.104	-.270	10	924	-.135	.078	-.194	-.466
10	414	-216	.038	-.014	-.458	10	464	-.169	.020	-.094	-.246	10	925	-.211	.044	-.091	-.526
10	415	-204	.038	-.073	-.397	10	465	-.156	.020	-.088	-.218	10	926	-.223	.050	-.057	-.528
10	416	-204	.037	-.047	-.393	10	466	-.152	.021	-.076	-.230	10	927	-.245	.056	-.090	-.583
10	417	-205	.038	-.083	-.423	10	467	-.116	.043	-.113	-.433	10	928	-.248	.040	-.130	-.470
10	418	-112	.068	-.293	-.362	10	468	-.118	.051	-.107	-.345	10	929	-.242	.034	-.135	-.395
10	419	-276	.052	-.114	-.568	10	469	-.120	.049	-.178	-.368	20	101	-.062	.124	-.512	-.674
10	420	-280	.054	-.120	-.639	10	470	-.110	.047	-.196	-.238	20	102	-.173	.083	-.321	-.531

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	103	.031	.149	.501	-.642	20	153	-.224	.068	-.018	-.551	20	219	-.151	.059	.140	-.341
20	104	-.065	.111	.505	-.533	20	154	-.219	.070	-.003	-.593	20	220	-.105	.074	.268	-.319
20	105	-.111	.089	.313	-.439	20	155	-.253	.079	-.085	-.616	20	221	-.015	.103	.390	-.353
20	106	-.145	.083	.423	-.528	20	156	-.175	.034	-.077	-.401	20	222	-.018	.112	.522	-.411
20	107	-.107	.074	.254	-.331	20	157	-.171	.032	-.054	-.336	20	223	-.050	.086	.368	-.324
20	108	-.127	.072	.338	-.356	20	158	-.163	.029	-.022	-.297	20	224	-.298	.055	.127	-.581
20	109	-.150	.070	.407	-.343	20	159	-.159	.028	-.063	-.295	20	225	-.061	.083	.283	-.380
20	110	-.179	.064	.146	-.404	20	160	-.161	.028	-.049	-.288	20	226	-.031	.099	.417	-.484
20	111	-.141	.071	.179	-.391	20	161	-.170	.031	-.061	-.339	20	227	-.018	.097	.417	-.295
20	112	-.037	.161	.510	-.211	20	162	-.178	.034	-.054	-.378	20	228	-.006	.108	.475	-.319
20	113	-.029	.119	.460	-.496	20	163	-.205	.048	-.082	-.591	20	229	-.012	.107	.566	-.314
20	114	-.066	.092	.316	-.398	20	164	-.176	.052	-.050	-.669	20	230	-.008	.124	.589	-.520
20	115	-.096	.078	.407	-.363	20	165	-.175	.046	-.038	-.581	20	231	-.284	.053	.149	-.615
20	116	-.121	.067	.288	-.324	20	166	-.207	.062	-.020	-.554	20	232	-.176	.052	.125	-.426
20	117	-.278	.086	-.055	-.079	20	167	-.153	.025	-.056	-.269	20	233	-.128	.065	.164	-.360
20	118	-.159	.063	.258	-.448	20	168	-.151	.025	-.042	-.260	20	234	-.056	.083	.317	-.326
20	119	-.102	.075	.240	-.416	20	169	-.149	.023	-.033	-.232	20	235	-.050	.082	.324	-.295
20	120	-.111	.061	.231	-.338	20	170	-.145	.023	-.052	-.223	20	236	-.295	.053	.144	-.634
20	121	-.159	.053	.252	-.327	20	171	-.144	.023	-.056	-.230	20	237	-.259	.109	.140	-.790
20	122	-.193	.047	.060	-.350	20	172	-.154	.022	-.073	-.269	20	238	-.149	.075	.266	-.617
20	123	-.296	.076	-.064	-.697	20	173	-.164	.024	-.059	-.276	20	239	-.106	.081	.293	-.583
20	124	-.102	.164	.409	-.887	20	174	-.178	.029	-.040	-.327	20	240	-.067	.077	.409	-.329
20	125	-.072	.118	.391	-.713	20	175	-.154	.029	-.038	-.267	20	241	-.057	.073	.306	-.317
20	126	-.081	.074	.261	-.311	20	176	-.164	.025	-.033	-.315	20	242	-.071	.074	.354	-.307
20	127	-.113	.059	.140	-.402	20	177	-.178	.032	-.047	-.348	20	243	-.074	.076	.327	-.319
20	128	-.125	.058	.279	-.308	20	178	-.146	.024	-.062	-.229	20	244	-.077	.089	.604	-.623
20	129	-.142	.057	.144	-.311	20	179	-.142	.026	-.041	-.272	20	245	-.296	.076	.060	-.917
20	130	-.297	.064	-.091	-.626	20	180	-.139	.025	-.048	-.222	20	246	-.172	.053	.106	-.437
20	131	-.162	.058	.256	-.423	20	181	-.140	.026	-.000	-.236	20	247	-.148	.062	.143	-.392
20	132	-.147	.054	.256	-.324	20	182	-.146	.024	-.029	-.226	20	248	-.179	.041	.044	-.360
20	133	-.187	.048	.069	-.368	20	183	-.161	.018	-.095	-.217	20	249	-.140	.045	.070	-.317
20	134	-.218	.046	.044	-.416	20	184	-.157	.027	-.081	-.295	20	250	-.132	.048	.068	-.292
20	135	-.307	.073	-.071	-.692	20	201	-.197	.087	-.129	-.643	20	251	-.117	.044	.115	-.289
20	136	-.140	.123	.309	-.781	20	202	-.044	.116	.422	-.473	20	252	-.116	.045	.145	-.296
20	137	-.119	.102	.240	-.786	20	203	-.082	.184	.890	-.563	20	253	-.129	.046	.152	-.380
20	138	-.109	.061	.149	-.453	20	204	-.111	.065	.225	-.367	20	254	-.136	.047	.138	-.362
20	139	-.124	.048	.071	-.306	20	205	-.059	.079	.400	-.280	20	255	-.142	.054	.070	-.451
20	140	-.139	.045	.188	-.308	20	206	-.021	.090	.426	-.224	20	256	-.210	.054	.122	-.457
20	141	-.169	.060	.106	-.563	20	207	-.047	.122	.589	-.329	20	257	-.161	.035	.003	-.367
20	142	-.208	.068	.233	-.662	20	208	-.051	.104	.319	-.494	20	258	-.142	.040	.013	-.337
20	143	-.313	.111	-.008	-.878	20	209	-.083	.110	.327	-.532	20	259	-.159	.036	-.026	-.460
20	144	-.316	.068	-.024	-.676	20	210	-.006	.157	.528	-.486	20	260	-.141	.035	-.001	-.339
20	145	-.173	.065	.055	-.528	20	211	-.029	.173	.574	-.557	20	261	-.138	.035	.029	-.403
20	146	-.165	.061	.080	-.683	20	212	-.309	.068	-.132	-.678	20	262	-.131	.033	.024	-.289
20	147	-.150	.039	.005	-.359	20	213	-.011	.105	.438	-.350	20	263	-.136	.034	.005	-.298
20	148	-.150	.035	.022	-.322	20	214	-.001	.104	.419	-.346	20	264	-.144	.036	.004	-.330
20	149	-.158	.034	.038	-.327	20	215	-.031	.131	.523	-.312	20	265	-.154	.034	-.017	-.339
20	150	-.175	.038	.059	-.364	20	216	-.057	.153	.669	-.440	20	266	-.160	.030	-.051	-.294
20	151	-.194	.042	.056	-.392	20	217	-.066	.160	.718	-.462	20	267	-.131	.039	-.038	-.237
20	152	-.233	.058	.063	-.588	20	218	-.289	.059	-.110	-.829	20	268	-.129	.035	.072	-.244

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
20	269	116	037	093	210	20	333	274	042	141	444	20	383	138	041	011	336
20	270	133	032	033	242	20	334	279	049	132	549	20	384	152	044	022	365
20	271	113	033	049	221	20	335	059	080	322	322	20	385	097	038	222	190
20	272	104	035	049	192	20	336	265	059	062	643	20	386	101	035	085	190
20	273	097	035	063	248	20	337	264	054	067	539	20	401	384	088	156	855
20	274	102	031	077	203	20	338	262	047	127	528	20	402	262	046	098	443
20	275	117	030	058	251	20	339	275	052	095	523	20	403	220	048	007	436
20	276	134	025	032	264	20	340	287	052	127	643	20	404	280	044	151	479
20	277	139	024	051	298	20	341	294	062	062	728	20	405	287	045	170	531
20	278	094	042	100	210	20	342	301	066	069	681	20	406	295	048	170	551
20	279	092	043	117	201	20	343	292	052	144	602	20	407	275	059	033	661
20	280	068	048	338	177	20	344	295	130	013	049	20	408	273	068	086	716
20	281	061	050	247	182	20	345	206	040	107	484	20	409	269	071	043	685
20	282	063	045	201	177	20	346	209	035	105	402	20	410	255	060	084	553
20	283	069	042	155	182	20	347	233	045	112	498	20	411	255	061	091	795
20	284	090	039	155	199	20	348	263	055	126	578	20	412	180	062	103	481
20	285	123	027	050	239	20	349	295	075	107	735	20	413	256	068	065	737
20	286	133	025	012	232	20	350	297	087	133	972	20	414	248	065	079	620
20	301	254	071	079	727	20	351	299	084	123	888	20	415	224	055	033	522
20	302	257	059	016	628	20	352	282	066	086	691	20	416	231	052	045	510
20	303	267	097	083	026	20	353	292	077	112	810	20	417	230	053	065	488
20	304	271	082	041	824	20	354	293	078	121	157	20	418	158	060	230	421
20	305	274	071	065	759	20	355	170	044	057	353	20	419	299	045	156	577
20	306	289	080	109	847	20	356	165	024	072	273	20	420	301	050	156	579
20	307	299	072	085	833	20	357	171	025	069	273	20	421	302	046	170	493
20	308	264	059	106	583	20	358	191	029	109	337	20	422	283	062	103	622
20	309	257	047	109	511	20	359	205	035	083	414	20	423	294	072	067	673
20	310	251	045	095	590	20	360	205	036	086	414	20	424	194	060	256	479
20	311	282	062	068	647	20	361	212	042	067	442	20	425	287	058	065	692
20	312	253	072	078	769	20	362	219	045	067	562	20	426	274	056	115	539
20	313	249	063	065	542	20	363	205	044	013	452	20	427	246	051	079	493
20	314	250	058	062	674	20	364	238	055	037	548	20	428	225	043	096	424
20	315	269	060	018	579	20	365	240	053	072	606	20	429	231	042	098	436
20	316	277	063	111	847	20	366	153	039	006	379	20	430	238	039	100	400
20	317	061	090	306	368	20	367	164	021	083	229	20	431	151	054	232	352
20	318	290	059	062	690	20	368	169	022	069	250	20	432	305	053	168	646
20	319	281	046	044	467	20	369	173	021	086	241	20	433	314	059	163	694
20	320	266	044	141	546	20	370	167	023	076	238	20	434	310	050	122	646
20	321	258	042	136	505	20	371	159	028	018	236	20	435	306	068	062	658
20	322	255	042	127	528	20	372	148	032	024	290	20	436	342	124	091	881
20	323	047	086	352	301	20	373	154	036	067	318	20	437	314	062	117	618
20	324	260	057	097	560	20	374	134	035	106	252	20	438	314	063	151	687
20	325	254	051	088	532	20	375	164	039	050	318	20	439	302	066	108	670
20	326	253	045	004	484	20	376	168	039	008	426	20	440	268	055	148	486
20	327	272	049	099	507	20	377	131	036	041	405	20	441	226	042	093	451
20	328	285	050	009	518	20	378	166	020	088	225	20	442	214	036	099	397
20	329	284	048	143	604	20	379	171	020	080	239	20	443	219	035	095	413
20	330	092	079	262	473	20	380	165	022	086	247	20	444	231	034	126	402
20	331	282	052	134	579	20	381	164	022	063	234	20	445	232	049	095	487
20	332	277	048	099	632	20	382	153	027	046	236	20	446	293	066	155	637

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	447	-.288	.064	-.095	-.706	20	908	-.329	.104	-.046	-.706	30	129	-.167	.054	-.057	-.392
20	448	-.251	.068	-.041	-.554	20	909	-.219	.081	-.108	-.532	30	130	-.281	.055	-.087	-.723
20	449	-.247	.063	-.104	-.708	20	910	-.375	.121	-.085	-.861	30	131	-.201	.051	-.059	-.394
20	450	-.241	.056	-.088	-.549	20	911	-.312	.060	-.137	-.564	30	132	-.180	.058	-.094	-.352
20	451	-.221	.044	-.111	-.478	20	912	-.075	.103	-.443	-.505	30	133	-.194	.043	-.012	-.286
20	452	-.200	.031	-.099	-.399	20	913	-.284	.064	-.074	-.592	30	134	-.214	.039	-.034	-.378
20	453	-.189	.025	-.066	-.310	20	914	-.249	.071	-.004	-.598	30	135	-.273	.045	-.160	-.526
20	454	-.186	.027	-.046	-.312	20	915	-.232	.047	-.066	-.459	30	136	-.173	.199	-.578	-.369
20	455	-.192	.027	-.102	-.312	20	916	-.277	.120	-.168	-.822	30	137	-.134	.154	-.343	-.150
20	456	-.205	.044	-.095	-.478	20	917	-.012	.114	-.589	-.369	30	138	-.124	.080	-.211	-.623
20	457	-.248	.058	-.117	-.567	20	918	-.268	.082	-.030	-.707	30	139	-.142	.056	-.128	-.336
20	458	-.248	.063	-.093	-.816	20	919	-.016	.103	-.438	-.275	30	140	-.166	.045	-.023	-.303
20	459	-.200	.045	-.010	-.402	20	920	-.205	.061	-.059	-.507	30	141	-.241	.062	-.025	-.556
20	460	-.215	.040	-.057	-.520	20	921	-.162	.078	-.108	-.607	30	142	-.303	.073	-.040	-.660
20	461	-.203	.031	-.090	-.388	20	922	-.184	.064	-.057	-.482	30	143	-.490	.149	-.070	-.134
20	462	-.188	.024	-.086	-.296	20	923	-.270	.063	-.065	-.551	30	144	-.303	.048	-.192	-.614
20	463	-.181	.023	-.093	-.319	20	924	-.144	.088	-.204	-.642	30	145	-.260	.105	-.154	-.743
20	464	-.172	.020	-.099	-.245	20	925	-.260	.067	-.034	-.599	30	146	-.238	.098	-.141	-.733
20	465	-.165	.021	-.090	-.243	20	926	-.269	.078	-.019	-.773	30	147	-.201	.056	-.050	-.506
20	466	-.163	.022	-.097	-.283	20	927	-.279	.072	-.007	-.827	30	148	-.201	.041	-.052	-.454
20	467	-.194	.035	-.075	-.393	20	928	-.280	.050	-.160	-.540	30	149	-.212	.041	-.079	-.469
20	468	-.218	.040	-.126	-.433	20	929	-.272	.047	-.122	-.460	30	150	-.239	.037	-.111	-.458
20	469	-.205	.030	-.111	-.433	30	101	-.026	.134	-.373	-.702	30	151	-.265	.039	-.154	-.435
20	470	-.185	.023	-.095	-.343	30	102	-.158	.075	-.189	-.423	30	152	-.320	.051	-.188	-.564
20	471	-.189	.022	-.093	-.310	30	103	-.067	.178	-.493	-.842	30	153	-.323	.057	-.119	-.593
20	472	-.184	.021	-.111	-.292	30	104	-.079	.126	-.335	-.670	30	154	-.307	.057	-.075	-.577
20	473	-.181	.021	-.115	-.258	30	105	-.095	.090	-.300	-.419	30	155	-.315	.057	-.167	-.631
20	474	-.176	.021	-.097	-.257	30	106	-.178	.071	-.162	-.577	30	156	-.267	.057	-.050	-.587
20	475	-.170	.020	-.041	-.243	30	107	-.080	.079	-.191	-.401	30	157	-.255	.057	-.040	-.562
20	476	-.165	.020	-.077	-.231	30	108	-.093	.064	-.247	-.313	30	158	-.223	.038	-.109	-.487
20	477	-.162	.021	-.081	-.231	30	109	-.125	.055	-.083	-.305	30	159	-.208	.033	-.077	-.437
20	478	-.166	.022	-.058	-.262	30	110	-.150	.052	-.114	-.326	30	160	-.211	.034	-.092	-.404
20	479	-.178	.024	-.068	-.285	30	111	-.173	.059	-.248	-.367	30	161	-.235	.038	-.125	-.437
20	480	-.175	.020	-.093	-.262	30	112	-.048	.219	-.612	-.134	30	162	-.251	.033	-.134	-.464
20	481	-.170	.020	-.100	-.235	30	113	-.022	.138	-.424	-.658	30	163	-.286	.055	-.161	-.635
20	482	-.168	.020	-.090	-.223	30	114	-.055	.109	-.365	-.712	30	164	-.280	.055	-.009	-.779
20	483	-.165	.021	-.077	-.241	30	115	-.098	.080	-.217	-.451	30	165	-.305	.065	-.066	-.686
20	801	-.150	.023	-.056	-.227	30	116	-.127	.068	-.134	-.417	30	166	-.304	.069	-.098	-.606
20	802	-.146	.024	-.049	-.224	30	117	-.297	.093	-.048	-.136	30	167	-.274	.034	-.117	-.667
20	803	-.173	.023	-.091	-.264	30	118	-.183	.063	-.211	-.405	30	168	-.218	.034	-.109	-.455
20	804	-.178	.021	-.072	-.257	30	119	-.122	.078	-.266	-.388	30	169	-.214	.032	-.115	-.446
20	805	-.170	.021	-.091	-.253	30	120	-.095	.062	-.144	-.316	30	170	-.205	.022	-.084	-.300
20	806	-.099	.042	-.110	-.206	30	121	-.151	.045	-.136	-.338	30	171	-.199	.027	-.092	-.315
20	901	-.111	.076	-.400	-.355	30	122	-.177	.039	-.029	-.318	30	172	-.216	.029	-.125	-.362
20	902	-.116	.089	-.484	-.352	30	123	-.295	.081	-.064	-.106	30	173	-.238	.035	-.146	-.394
20	903	-.131	.075	-.313	-.332	30	124	-.112	.234	-.537	-.919	30	174	-.252	.046	-.117	-.452
20	904	-.081	.140	-.609	-.637	30	125	-.085	.183	-.428	-.134	30	175	-.199	.041	-.054	-.369
20	905	-.089	.131	-.512	-.489	30	126	-.078	.092	-.252	-.522	30	176	-.207	.033	-.036	-.394
20	906	-.255	.067	-.014	-.567	30	127	-.124	.062	-.171	-.342	30	177	-.252	.051	-.092	-.518
20	907	-.231	.065	-.009	-.535	30	128	-.141	.060	-.154	-.394	30	178	-.179	.032	-.074	-.332

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	179	- .175	.032	- .012	- .299	30	245	- .366	.129	.056	-1 .058	30	309	- .332	.069	- .147	- .720
30	180	- .171	.033	- .002	- .301	30	246	- .183	.078	.165	- .522	30	310	- .322	.064	- .123	- .720
30	181	- .171	.032	- .024	- .272	30	247	- .142	.082	.176	- .504	30	311	- .345	.080	- .056	- .747
30	182	- .183	.029	- .057	- .299	30	248	- .177	.061	.151	- .422	30	312	- .273	.081	- .043	- .767
30	183	- .219	.027	- .124	- .322	30	249	- .129	.059	.132	- .355	30	313	- .273	.079	- .043	- .699
30	184	- .205	.033	- .088	- .332	30	250	- .114	.059	.158	- .339	30	314	- .296	.076	- .074	- .926
30	201	- .233	.102	- .101	- .943	30	251	- .102	.058	.179	- .337	30	315	- .330	.077	- .085	- .850
30	202	- .035	.142	- .436	- .576	30	252	- .096	.060	.183	- .316	30	316	- .335	.078	- .057	- .762
30	203	- .226	.203	- .750	- .553	30	253	- .098	.063	.241	- .341	30	317	- .054	.123	- .457	- .410
30	204	- .134	.081	- .309	- .380	30	254	- .119	.068	.202	- .441	30	318	- .366	.082	- .097	- .871
30	205	- .058	.098	- .354	- .318	30	255	- .137	.068	.181	- .590	30	319	- .360	.073	- .109	- .689
30	206	- .036	.111	- .448	- .306	30	256	- .245	.081	.109	- .580	30	320	- .355	.064	- .147	- .609
30	207	- .080	.143	- .579	- .427	30	257	- .157	.051	.163	- .511	30	321	- .340	.063	- .145	- .642
30	208	- .031	.122	- .451	- .358	30	258	- .123	.060	.135	- .418	30	322	- .330	.060	- .161	- .609
30	209	- .062	.125	- .448	- .561	30	259	- .144	.056	.183	- .425	30	323	- .021	.113	- .537	- .443
30	210	- .039	.166	- .753	- .588	30	260	- .122	.049	.237	- .353	30	324	- .280	.068	- .067	- .618
30	211	- .125	.182	- .738	- .526	30	261	- .115	.048	.151	- .360	30	325	- .292	.055	- .119	- .547
30	212	- .391	.093	- .130	- .921	30	262	- .114	.044	.088	- .374	30	326	- .292	.059	- .116	- .545
30	213	- .048	.133	- .671	- .722	30	263	- .119	.047	.081	- .515	30	327	- .338	.071	- .160	- .663
30	214	- .081	.140	- .587	- .330	30	264	- .128	.046	.088	- .360	30	328	- .370	.078	- .074	- .663
30	215	- .120	.147	- .654	- .474	30	265	- .150	.049	.028	- .738	30	329	- .370	.075	- .133	- .723
30	216	- .176	.169	- .815	- .298	30	266	- .163	.043	.012	- .388	30	330	- .091	.108	- .348	- .436
30	217	- .196	.185	- .815	- .360	30	267	- .133	.054	.209	- .332	30	331	- .374	.085	- .104	- .743
30	218	- .369	.079	- .092	- .839	30	268	- .131	.047	.086	- .262	30	332	- .372	.075	- .164	- .838
30	219	- .184	.077	- .138	- .415	30	269	- .100	.053	.139	- .258	30	333	- .368	.070	- .183	- .655
30	220	- .125	.083	- .203	- .427	30	270	- .116	.042	.100	- .281	30	334	- .372	.073	- .145	- .725
30	221	- .015	.119	- .525	- .375	30	271	- .094	.042	.123	- .246	30	335	- .058	.101	- .374	- .331
30	222	- .046	.139	- .575	- .358	30	272	- .086	.048	.179	- .218	30	336	- .274	.058	- .109	- .568
30	223	- .025	.112	- .525	- .449	30	273	- .067	.048	.193	- .255	30	337	- .276	.059	- .104	- .559
30	224	- .396	.088	- .145	- .888	30	274	- .070	.051	.246	- .223	30	338	- .301	.063	- .085	- .540
30	225	- .037	.111	- .411	- .397	30	275	- .097	.046	.167	- .260	30	339	- .342	.081	- .104	- .680
30	226	- .012	.123	- .475	- .415	30	276	- .137	.031	.009	- .285	30	340	- .384	.086	- .138	- .765
30	227	- .032	.114	- .492	- .405	30	277	- .150	.030	.007	- .295	30	341	- .387	.095	- .087	- .887
30	228	- .075	.139	- .627	- .293	30	278	- .093	.054	.193	- .244	30	342	- .401	.100	- .071	- .931
30	229	- .102	.147	- .703	- .273	30	279	- .089	.050	.138	- .195	30	343	- .380	.081	- .169	- .763
30	230	- .092	.162	- .820	- .435	30	280	- .052	.062	.501	- .193	30	344	- .368	.162	- .090	- .1 .268
30	231	- .376	.090	- .100	-1 .022	30	281	- .053	.053	.346	- .159	30	345	- .221	.042	- .083	- .418
30	232	- .213	.069	- .146	- .452	30	282	- .044	.057	.334	- .178	30	346	- .229	.046	- .068	- .466
30	233	- .142	.079	- .220	- .407	30	283	- .058	.054	.305	- .200	30	347	- .246	.049	- .119	- .516
30	234	- .040	.099	- .376	- .368	30	284	- .075	.052	.242	- .212	30	348	- .293	.067	- .039	- .648
30	235	- .052	.102	- .391	- .328	30	285	- .123	.035	.046	- .234	30	349	- .339	.092	- .131	- .842
30	236	- .410	.093	- .135	- .851	30	286	- .143	.026	.006	- .228	30	350	- .380	.116	- .131	-1 .029
30	237	- .337	.175	- .165	-1 .178	30	301	- .316	.104	.022	- .907	30	351	- .402	.126	- .123	-1 .110
30	238	- .158	.093	- .344	- .712	30	302	- .285	.073	.061	- .703	30	352	- .356	.098	- .147	- .868
30	239	- .109	.096	- .364	- .514	30	303	- .309	.113	.064	- .119	30	353	- .385	.121	- .085	-1 .165
30	240	- .049	.092	- .381	- .306	30	304	- .313	.111	.031	-1 .193	30	354	- .382	.127	- .123	-1 .371
30	241	- .017	.098	- .467	- .304	30	305	- .305	.088	.026	- .888	30	355	- .168	.063	- .092	- .461
30	242	- .009	.111	- .504	- .334	30	306	- .355	.098	.071	- .961	30	356	- .182	.028	- .047	- .370
30	243	- .003	.115	- .543	- .332	30	307	- .382	.104	.097	- .902	30	357	- .191	.030	- .035	- .361
30	244	- .021	.119	- .553	- .485	30	308	- .352	.077	.152	- .772	30	358	- .213	.033	- .102	- .365

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	359	- .225	.034	- .109	- .442	30	423	- .284	.076	- .048	-1 .010	30	473	- .200	.031	- .083	- .418
30	360	- .229	.039	- .085	- .475	30	424	- .234	.060	- .027	- .513	30	474	- .186	.024	- .085	- .277
30	361	- .248	.050	- .042	- .499	30	425	- .265	.044	- .144	- .503	30	475	- .173	.025	- .049	- .259
30	362	- .265	.063	- .073	- .693	30	426	- .265	.047	- .090	- .553	30	476	- .162	.025	- .045	- .241
30	363	- .238	.062	- .063	- .538	30	427	- .245	.043	- .105	- .448	30	477	- .163	.024	- .059	- .245
30	364	- .295	.077	- .054	- .727	30	428	- .223	.043	- .035	- .411	30	478	- .220	.032	- .115	- .368
30	365	- .296	.078	- .066	- .823	30	429	- .200	.040	- .086	- .434	30	479	- .211	.029	- .112	- .328
30	366	- .147	.055	- .162	- .605	30	430	- .223	.039	- .077	- .436	30	480	- .194	.026	- .065	- .295
30	367	- .171	.025	- .060	- .260	30	431	- .161	.048	- .113	- .327	30	481	- .182	.024	- .060	- .265
30	368	- .178	.026	- .060	- .277	30	432	- .253	.039	- .142	- .459	30	482	- .174	.024	- .070	- .250
30	369	- .187	.025	- .032	- .279	30	433	- .249	.038	- .121	- .448	30	483	- .165	.025	- .032	- .234
30	370	- .179	.033	- .040	- .281	30	434	- .269	.044	- .163	- .467	30	801	- .191	.028	- .065	- .292
30	371	- .173	.033	- .025	- .308	30	435	- .264	.042	- .155	- .486	30	802	- .186	.031	- .037	- .344
30	372	- .162	.042	- .095	- .332	30	436	- .509	.163	- .161	-1 .121	30	803	- .221	.033	- .105	- .422
30	373	- .166	.051	- .095	- .418	30	437	- .281	.047	- .157	- .601	30	804	- .195	.026	- .110	- .297
30	374	- .135	.056	- .152	- .351	30	438	- .273	.043	- .140	- .484	30	805	- .175	.025	- .079	- .269
30	375	- .183	.056	- .027	- .437	30	439	- .272	.047	- .136	- .549	30	806	- .109	.043	- .116	- .213
30	376	- .210	.063	- .030	- .523	30	440	- .263	.040	- .159	- .432	30	901	- .117	.075	- .242	- .350
30	377	- .122	.047	- .109	- .375	30	441	- .251	.057	- .148	- .442	30	902	- .144	.079	- .228	- .425
30	378	- .167	.024	- .071	- .249	30	442	- .240	.035	- .128	- .364	30	903	- .134	.067	- .142	- .374
30	379	- .181	.024	- .067	- .255	30	443	- .240	.039	- .097	- .438	30	904	- .076	.155	- .443	- .706
30	380	- .177	.023	- .091	- .258	30	444	- .241	.038	- .140	- .384	30	905	- .090	.146	- .363	- .595
30	381	- .178	.024	- .071	- .265	30	445	- .284	.042	- .160	- .475	30	906	- .257	.081	- .011	- .664
30	382	- .163	.030	- .045	- .271	30	446	- .290	.049	- .138	- .584	30	907	- .226	.074	- .004	- .597
30	383	- .148	.049	- .061	- .382	30	447	- .294	.051	- .154	- .543	30	908	- .410	.129	- .118	- .957
30	384	- .167	.055	- .046	- .453	30	448	- .288	.050	- .182	- .525	30	909	- .211	.089	- .114	- .512
30	385	- .093	.046	- .243	- .202	30	449	- .299	.059	- .117	- .993	30	910	- .482	.116	- .012	- .949
30	386	- .103	.032	- .058	- .182	30	450	- .293	.057	- .153	- .652	30	911	- .355	.048	- .172	- .573
30	401	- .497	.113	- .201	- .916	30	451	- .282	.050	- .176	- .622	30	912	- .025	.112	- .447	- .504
30	402	- .283	.048	- .119	- .517	30	452	- .258	.043	- .144	- .454	30	913	- .309	.063	- .138	- .655
30	403	- .243	.053	- .012	- .524	30	453	- .228	.032	- .117	- .390	30	914	- .295	.083	- .016	- .635
30	404	- .221	.036	- .117	- .381	30	454	- .213	.033	- .121	- .394	30	915	- .282	.056	- .069	- .537
30	405	- .232	.037	- .119	- .394	30	455	- .219	.036	- .113	- .408	30	916	- .393	.128	- .074	- .922
30	406	- .244	.046	- .132	- .507	30	456	- .270	.047	- .122	- .586	30	917	- .007	.145	- .659	- .435
30	407	- .239	.060	- .029	- .618	30	457	- .297	.068	- .172	- .876	30	918	- .316	.105	- .018	- .655
30	408	- .280	.083	- .000	- .794	30	458	- .300	.074	- .166	- .812	30	919	- .006	.122	- .566	- .264
30	409	- .272	.081	- .012	- .700	30	459	- .270	.057	- .057	- .529	30	920	- .245	.063	- .022	- .518
30	410	- .250	.074	- .044	- .643	30	460	- .264	.058	- .101	- .674	30	921	- .212	.083	- .133	- .695
30	411	- .253	.073	- .069	- .645	30	461	- .272	.062	- .128	- .616	30	922	- .210	.064	- .010	- .475
30	412	- .203	.058	- .006	- .411	30	462	- .241	.045	- .128	- .507	30	923	- .318	.089	- .052	- .939
30	413	- .252	.076	- .044	- .712	30	463	- .212	.035	- .115	- .398	30	924	- .152	.101	- .182	- .672
30	414	- .243	.077	- .000	- .645	30	464	- .191	.026	- .107	- .341	30	925	- .271	.082	- .000	- .829
30	415	- .209	.062	- .025	- .559	30	465	- .181	.027	- .097	- .358	30	926	- .304	.101	- .045	- .947
30	416	- .219	.060	- .015	- .681	30	466	- .179	.026	- .085	- .348	30	927	- .324	.084	- .024	- .889
30	417	- .223	.060	- .010	- .603	30	467	- .263	.055	- .128	- .533	30	928	- .379	.078	- .140	- .926
30	418	- .160	.060	- .237	- .385	30	468	- .257	.052	- .099	- .578	30	929	- .355	.078	- .117	- .798
30	419	- .238	.036	- .144	- .417	30	469	- .235	.042	- .103	- .424	40	101	- .144	.147	- .290	- .650
30	420	- .235	.036	- .121	- .390	30	470	- .241	.045	- .103	- .438	40	102	- .201	.073	- .147	- .508
30	421	- .256	.042	- .119	- .444	30	471	- .217	.036	- .087	- .398	40	103	- .255	.176	- .299	- .937
30	422	- .270	.051	- .136	- .524	30	472	- .214	.037	- .083	- .398	40	104	- .190	.142	- .255	- .725

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	105	-.160	.094	.250	-.720	40	155	-.250	.082	-.049	-.796	40	221	.006	.123	.500	-.295
40	106	-.176	.066	.127	-.599	40	156	-.198	.051	-.059	-.827	40	222	-.033	.149	.726	-.295
40	107	-.110	.085	.257	-.443	40	157	-.202	.053	-.019	-.605	40	223	-.013	.127	.578	-.405
40	108	-.112	.073	.145	-.398	40	158	-.198	.051	-.026	-.515	40	224	-.342	.098	.617	-.890
40	109	-.138	.062	.124	-.524	40	159	-.190	.048	-.009	-.491	40	225	-.020	.118	.573	-.440
40	110	-.160	.053	.094	-.366	40	160	-.169	.044	-.031	-.430	40	226	-.001	.123	.716	-.362
40	111	-.170	.055	.052	-.479	40	161	-.166	.038	-.040	-.394	40	227	-.004	.115	.555	-.382
40	112	-.248	.229	.551	-.336	40	162	-.166	.034	-.036	-.397	40	228	.034	.131	.630	-.295
40	113	-.209	.189	.372	-.194	40	163	-.189	.043	-.066	-.470	40	229	-.020	.145	.733	-.380
40	114	-.164	.127	.232	-.033	40	164	-.168	.041	-.038	-.449	40	230	-.016	.138	.520	-.403
40	115	-.154	.090	.176	-.592	40	165	-.170	.037	-.042	-.593	40	231	-.343	.107	.183	-.215
40	116	-.156	.080	.267	-.597	40	166	-.199	.047	-.028	-.576	40	232	-.150	.084	.414	-.383
40	117	-.260	.087	-.046	-.935	40	167	-.178	.043	-.059	-.371	40	233	-.098	.092	.482	-.370
40	118	-.179	.056	.103	-.478	40	168	-.178	.047	-.038	-.375	40	234	-.022	.103	.472	-.317
40	119	-.130	.076	.255	-.408	40	169	-.176	.045	-.040	-.399	40	235	-.008	.115	.681	-.275
40	120	-.120	.065	.155	-.352	40	170	-.172	.046	-.026	-.435	40	236	-.367	.112	.180	-.968
40	121	-.150	.047	.068	-.317	40	171	-.155	.041	-.019	-.411	40	237	-.091	.121	.394	-.795
40	122	-.175	.041	-.043	-.340	40	172	-.154	.030	-.064	-.349	40	238	-.059	.105	.522	-.508
40	123	-.260	.073	-.088	-.646	40	173	-.157	.031	-.057	-.300	40	239	-.047	.096	.595	-.461
40	124	-.292	.166	.435	-.073	40	174	-.159	.032	-.038	-.309	40	240	-.025	.091	.578	-.365
40	125	-.226	.167	.388	-.171	40	175	-.144	.030	-.031	-.241	40	241	-.018	.084	.443	-.316
40	126	-.171	.113	.283	-.674	40	176	-.150	.030	-.026	-.338	40	242	-.017	.098	.483	-.399
40	127	-.142	.068	.152	-.384	40	177	-.151	.043	-.045	-.299	40	243	-.040	.105	.532	-.313
40	128	-.150	.064	.150	-.438	40	178	-.165	.044	-.015	-.365	40	244	-.071	.106	.478	-.393
40	129	-.156	.057	.110	-.601	40	179	-.156	.040	-.017	-.361	40	245	-.339	.145	.238	-.451
40	130	-.270	.070	-.081	-.758	40	180	-.157	.041	-.008	-.390	40	246	-.117	.082	.238	-.542
40	131	-.169	.047	.026	-.356	40	181	-.148	.034	-.048	-.296	40	247	-.062	.083	.358	-.485
40	132	-.151	.052	.094	-.361	40	182	-.145	.028	-.039	-.280	40	248	-.062	.087	.393	-.344
40	133	-.172	.046	.026	-.328	40	183	-.152	.025	-.065	-.280	40	249	-.046	.079	.370	-.325
40	134	-.202	.043	-.020	-.405	40	184	-.153	.032	-.016	-.282	40	250	-.027	.088	.408	-.344
40	135	-.270	.059	-.114	-.587	40	201	-.273	.113	.221	-.781	40	251	-.035	.072	.396	-.226
40	136	-.235	.139	.556	-.835	40	202	-.184	.159	.483	-.722	40	252	-.054	.058	.445	-.271
40	137	-.243	.133	.297	-.851	40	203	-.076	.280	.757	-.582	40	253	-.065	.059	.186	-.261
40	138	-.194	.098	.290	-.725	40	204	-.115	.104	.462	-.430	40	254	-.106	.055	.186	-.379
40	139	-.151	.067	.157	-.485	40	205	-.047	.122	.437	-.327	40	255	-.134	.055	.094	-.370
40	140	-.150	.050	.040	-.380	40	206	-.001	.121	.449	-.267	40	256	-.236	.091	.174	-.697
40	141	-.175	.058	.033	-.494	40	207	-.038	.164	.635	-.405	40	257	-.094	.070	.330	-.393
40	142	-.201	.063	.066	-.576	40	208	-.064	.163	.522	-.883	40	258	-.041	.082	.488	-.280
40	143	-.271	.103	-.019	-.900	40	209	-.099	.165	.542	-.669	40	259	-.044	.083	.339	-.370
40	144	-.266	.059	.116	-.572	40	210	-.033	.205	.691	-.870	40	260	-.022	.095	.492	-.283
40	145	-.224	.071	.241	-.694	40	211	-.009	.294	.686	-.933	40	261	-.021	.078	.415	-.271
40	146	-.224	.075	.062	-.746	40	212	.319	.689	.090	-.918	40	262	-.037	.068	.325	-.266
40	147	-.215	.068	-.007	-.701	40	213	.008	.152	.537	-.498	40	263	-.052	.059	.349	-.289
40	148	-.177	.055	-.017	-.437	40	214	.028	.101	.678	-.362	40	264	-.075	.050	.306	-.288
40	149	-.169	.046	-.014	-.359	40	215	.056	.166	.698	-.327	40	265	-.112	.044	.116	-.318
40	150	-.178	.040	.031	-.371	40	216	.082	.193	.713	-.433	40	266	-.131	.041	.007	-.304
40	151	-.187	.043	-.040	-.475	40	217	.067	.193	.748	-.481	40	267	-.130	.064	.276	-.370
40	152	-.207	.052	-.038	-.574	40	218	.031	.088	.020	-.858	40	268	-.129	.041	.071	-.304
40	153	-.206	.066	-.057	-.628	40	219	-.140	.090	.427	-.466	40	269	-.091	.040	.087	-.219
40	154	-.206	.063	-.012	-.590	40	220	-.078	.103	.480	-.345	40	270	-.065	.045	.116	-.266

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	271	.063	.044	.160	.184	40	335	.013	.113	.667	.289	40	385	.077	.039	.086	.167
40	272	.045	.048	.158	.169	40	336	.045	.045	.042	.452	40	386	.058	.045	.208	.164
40	273	.036	.046	.196	.153	40	337	.215	.049	.010	.520	40	401	.424	.118	.140	.912
40	274	.028	.047	.212	.153	40	338	.235	.053	.028	.534	40	402	.250	.057	.079	.491
40	275	.063	.038	.165	.181	40	339	.277	.068	.009	.616	40	403	.233	.062	.023	.479
40	276	.101	.028	.038	.202	40	340	.318	.080	.030	.822	40	404	.218	.040	.099	.381
40	277	.116	.028	.002	.224	40	341	.353	.104	.032	.007	40	405	.227	.038	.113	.398
40	278	.071	.053	.252	.227	40	342	.367	.112	.088	.033	40	406	.239	.043	.130	.491
40	279	.062	.049	.215	.191	40	343	.361	.096	.024	.863	40	407	.225	.055	.060	.376
40	280	.035	.052	.236	.186	40	344	.129	.132	.440	.955	40	408	.250	.079	.062	.661
40	281	.027	.052	.309	.157	40	345	.177	.030	.080	.360	40	409	.216	.080	.013	.671
40	282	.017	.058	.282	.138	40	346	.184	.032	.071	.340	40	410	.204	.059	.026	.593
40	283	.017	.052	.222	.131	40	347	.211	.037	.097	.399	40	411	.209	.059	.047	.539
40	284	.048	.041	.137	.164	40	348	.249	.057	.085	.681	40	412	.193	.056	.006	.396
40	285	.093	.028	.062	.182	40	349	.289	.074	.114	.983	40	413	.213	.057	.057	.532
40	286	.113	.030	.099	.279	40	350	.346	.104	.066	.973	40	414	.201	.061	.021	.808
40	301	.289	.111	.029	.861	40	351	.388	.134	.107	.113	40	415	.179	.044	.052	.505
40	302	.290	.088	.030	.867	40	352	.329	.114	.070	.982	40	416	.186	.051	.009	.459
40	303	.245	.088	.004	.731	40	353	.384	.135	.020	.335	40	417	.191	.054	.011	.571
40	304	.248	.087	.023	.863	40	354	.384	.131	.083	.145	40	418	.174	.055	.116	.474
40	305	.262	.086	.013	.791	40	355	.060	.097	.510	.513	40	419	.239	.041	.128	.376
40	306	.302	.095	.026	.832	40	356	.160	.026	.058	.922	40	420	.243	.042	.135	.444
40	307	.332	.100	.049	.941	40	357	.189	.025	.066	.882	40	421	.248	.049	.138	.493
40	308	.340	.093	.044	.940	40	358	.184	.025	.100	.653	40	422	.230	.053	.108	.539
40	309	.322	.081	.133	.767	40	359	.199	.034	.095	.362	40	423	.259	.071	.082	.636
40	310	.327	.087	.121	.897	40	360	.218	.043	.037	.428	40	424	.194	.048	.038	.433
40	311	.294	.089	.094	.825	40	361	.244	.060	.076	.622	40	425	.258	.059	.118	.669
40	312	.218	.066	.008	.688	40	362	.274	.082	.002	.834	40	426	.247	.050	.133	.486
40	313	.216	.063	.004	.700	40	363	.246	.082	.032	.698	40	427	.222	.046	.094	.418
40	314	.238	.067	.023	.661	40	364	.311	.099	.027	.960	40	428	.186	.036	.028	.396
40	315	.267	.076	.034	.731	40	365	.288	.082	.000	.727	40	429	.186	.036	.055	.332
40	316	.288	.079	.039	.719	40	366	.060	.082	.401	.557	40	430	.192	.037	.057	.357
40	317	.032	.138	.660	.414	40	367	.154	.022	.076	.234	40	431	.155	.047	.043	.400
40	318	.307	.087	.030	.774	40	368	.160	.023	.061	.238	40	432	.265	.051	.135	.571
40	319	.314	.075	.010	.719	40	369	.166	.024	.034	.277	40	433	.265	.054	.142	.527
40	320	.334	.079	.123	.870	40	370	.161	.028	.034	.297	40	434	.270	.055	.142	.593
40	321	.326	.082	.143	.998	40	371	.152	.036	.022	.331	40	435	.270	.056	.133	.600
40	322	.328	.083	.109	.890	40	372	.139	.047	.034	.389	40	436	.302	.128	.111	.146
40	323	.016	.126	.537	.397	40	373	.149	.054	.088	.450	40	437	.222	.058	.113	.574
40	324	.214	.052	.013	.529	40	374	.132	.067	.133	.333	40	438	.275	.062	.125	.564
40	325	.216	.049	.054	.568	40	375	.218	.075	.039	.589	40	439	.274	.063	.140	.627
40	326	.233	.054	.051	.481	40	376	.224	.082	.005	.688	40	440	.253	.057	.047	.617
40	327	.273	.066	.046	.616	40	377	.083	.045	.165	.272	40	441	.210	.046	.094	.450
40	328	.307	.071	.020	.613	40	378	.153	.022	.069	.227	40	442	.189	.034	.083	.341
40	329	.316	.079	.037	.820	40	379	.162	.020	.096	.247	40	443	.183	.033	.067	.375
40	330	.040	.107	.516	.388	40	380	.157	.022	.068	.232	40	444	.187	.035	.074	.407
40	331	.327	.092	.184	.782	40	381	.149	.026	.044	.238	40	445	.218	.052	.106	.550
40	332	.340	.089	.095	.760	40	382	.122	.038	.065	.242	40	446	.265	.079	.106	.660
40	333	.348	.087	.037	.856	40	383	.117	.048	.070	.396	40	447	.257	.075	.119	.747
40	334	.341	.088	.095	.897	40	384	.129	.058	.098	.422	40	448	.241	.068	.087	.651



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	449	- .234	.069	- .103	- .623	40	910	- .381	.102	- .072	- .872	50	131	- .205	.050	- .045	- .454
40	450	- .220	.057	- .112	- .548	40	911	- .268	.049	- .154	- .489	50	132	- .181	.056	- .108	- .449
40	451	- .202	.045	- .103	- .548	40	912	- .058	.167	- .466	- .652	50	133	- .185	.045	- .016	- .452
40	452	- .181	.031	- .106	- .384	40	913	- .261	.059	- .119	- .564	50	134	- .193	.042	- .028	- .390
40	453	- .172	.027	- .076	- .293	40	914	- .252	.073	- .003	- .619	50	135	- .215	.040	- .103	- .423
40	454	- .164	.026	- .062	- .293	40	915	- .223	.054	- .012	- .475	50	136	- .398	.135	- .056	- 1.200
40	455	- .162	.029	- .067	- .420	40	916	- .366	.114	- .010	- .916	50	137	- .391	.143	- .054	- 1.094
40	456	- .197	.041	- .071	- .753	40	917	- .052	.150	- .792	- .340	50	138	- .360	.132	- .009	- 1.129
40	457	- .214	.053	- .101	- .756	40	918	- .236	.082	- .002	- .654	50	139	- .274	.105	- .005	- .924
40	458	- .220	.059	- .106	- .799	40	919	- .053	.137	- .756	- .274	50	140	- .240	.092	- .014	- .782
40	459	- .185	.033	- .071	- .500	40	920	- .210	.061	- .050	- .475	50	141	- .231	.088	- .039	- .763
40	460	- .190	.034	- .106	- .407	40	921	- .247	.094	- .088	- .680	50	142	- .220	.079	- .014	- .728
40	461	- .183	.029	- .085	- .439	40	922	- .198	.063	- .099	- .477	50	143	- .230	.090	- .042	- .764
40	462	- .175	.026	- .090	- .375	40	923	- .298	.096	- .074	- .795	50	144	- .215	.041	- .040	- .388
40	463	- .167	.023	- .085	- .302	40	924	- .229	.105	- .206	- .703	50	145	- .311	.091	- .045	- .957
40	464	- .159	.021	- .087	- .252	40	925	- .220	.068	- .035	- .525	50	146	- .313	.100	- .097	- 1.245
40	465	- .152	.022	- .082	- .245	40	926	- .228	.084	- .043	- .674	50	147	- .337	.105	- .033	- .880
40	466	- .151	.024	- .069	- .302	40	927	- .276	.090	- .040	- .644	50	148	- .291	.093	- .038	- .785
40	467	- .174	.034	- .042	- .461	40	928	- .304	.079	- .090	- .652	50	149	- .240	.078	- .053	- .742
40	468	- .184	.046	- .004	- .357	40	929	- .332	.093	- .038	- .856	50	150	- .213	.065	- .016	- .597
40	469	- .178	.037	- .010	- .288	50	101	- .271	.151	- .195	- .809	50	151	- .218	.074	- .051	- .876
40	470	- .159	.035	- .008	- .297	50	102	- .253	.078	- .012	- .764	50	152	- .206	.048	- .045	- .583
40	471	- .173	.028	- .028	- .272	50	103	- .518	.151	- .024	- 1.167	50	153	- .204	.054	- .029	- .561
40	472	- .167	.025	- .026	- .293	50	104	- .427	.162	- .089	- .995	50	154	- .199	.053	- .017	- .466
40	473	- .166	.026	- .062	- .286	50	105	- .294	.135	- .075	- .941	50	155	- .212	.053	- .073	- .676
40	474	- .161	.023	- .083	- .247	50	106	- .249	.096	- .005	- .829	50	156	- .289	.082	- .059	- .857
40	475	- .154	.024	- .058	- .236	50	107	- .188	.104	- .113	- .793	50	157	- .294	.083	- .095	- .864
40	476	- .151	.023	- .058	- .249	50	108	- .160	.086	- .080	- 1.028	50	158	- .299	.090	- .073	- .904
40	477	- .148	.024	- .026	- .217	50	109	- .157	.062	- .064	- .468	50	159	- .274	.085	- .057	- .809
40	478	- .152	.030	- .034	- .295	50	110	- .170	.053	- .009	- .807	50	160	- .200	.077	- .008	- .738
40	479	- .156	.033	- .014	- .260	50	111	- .228	.088	- .033	- .718	50	161	- .220	.060	- .029	- .683
40	480	- .153	.024	- .037	- .245	50	112	- .482	.229	- .127	- 2.122	50	162	- .205	.065	- .036	- .778
40	481	- .159	.022	- .087	- .247	50	113	- .419	.196	- .181	- 1.719	50	163	- .190	.039	- .049	- .376
40	482	- .155	.020	- .082	- .232	50	114	- .365	.169	- .155	- 1.362	50	164	- .182	.045	- .012	- .454
40	483	- .150	.023	- .020	- .223	50	115	- .257	.111	- .096	- .840	50	165	- .184	.044	- .020	- .397
40	801	- .146	.029	- .041	- .273	50	116	- .266	.107	- .021	- 1.023	50	166	- .189	.037	- .046	- .447
40	802	- .164	.038	- .024	- .352	50	117	- .223	.065	- .052	- .640	50	167	- .273	.081	- .109	- .769
40	803	- .154	.033	- .006	- .319	50	118	- .245	.066	- .012	- .583	50	168	- .285	.082	- .090	- .835
40	804	- .159	.026	- .073	- .251	50	119	- .195	.084	- .209	- .677	50	169	- .284	.089	- .080	- .895
40	805	- .154	.022	- .036	- .244	50	120	- .161	.064	- .122	- .581	50	170	- .247	.090	- .096	- .871
40	806	- .088	.041	- .074	- .251	50	121	- .164	.043	- .005	- .379	50	171	- .199	.068	- .022	- .699
40	901	- .125	.065	- .201	- .355	50	122	- .172	.038	- .021	- .492	50	172	- .175	.052	- .014	- .480
40	902	- .152	.065	- .119	- .399	50	123	- .218	.055	- .096	- .597	50	173	- .180	.054	- .011	- .519
40	903	- .154	.064	- .054	- .448	50	124	- .462	.173	- .017	- 1.456	50	174	- .182	.054	- .036	- .457
40	904	- .186	.141	- .396	- .959	50	125	- .493	.203	- .144	- 1.374	50	175	- .158	.044	- .043	- .399
40	905	- .165	.143	- .470	- .753	50	126	- .354	.151	- .134	- .993	50	176	- .162	.043	- .011	- .442
40	906	- .171	.081	- .096	- .520	50	127	- .249	.102	- .052	- .818	50	177	- .181	.047	- .108	- .411
40	907	- .171	.079	- .094	- .543	50	128	- .221	.089	- .007	- .779	50	178	- .237	.062	- .095	- .605
40	908	- .337	.113	- .010	- .842	50	129	- .225	.084	- .014	- .816	50	179	- .233	.069	- .081	- .750
40	909	- .131	.100	- .246	- .424	50	130	- .219	.043	- .092	- .484	50	180	- .242	.075	- .054	- .668

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	181	.197	.065	.043	-.573	50	247	.029	.094	.445	-.290	50	311	-.333	.108	.106	-.837
50	182	.166	.032	.033	-.413	50	248	.014	.083	.408	-.244	50	312	-.200	.078	.062	-.735
50	183	.157	.032	.049	-.248	50	249	.075	.101	.573	-.195	50	313	-.197	.074	.076	-.633
50	184	.152	.047	.033	-.347	50	250	.081	.099	.492	-.191	50	314	-.224	.083	.097	-.718
50	201	.428	.131	.091	-1.004	50	251	.085	.092	.735	-.179	50	315	-.295	.110	.048	-.817
50	202	.392	.142	.268	-.891	50	252	.086	.102	.547	-.216	50	316	-.308	.111	.074	-.926
50	203	.117	.247	.831	-.953	50	253	.031	.088	.487	-.283	50	317	-.037	.136	.634	-.461
50	204	.043	.106	.342	-.399	50	254	.057	.067	.269	-.334	50	318	-.331	.116	.123	-.851
50	205	.035	.119	.436	-.335	50	255	.108	.060	.192	-.430	50	319	-.371	.110	-.023	-.851
50	206	.061	.129	.496	-.260	50	256	.275	.127	.218	-.919	50	320	-.386	.103	-.082	-.869
50	207	.063	.146	.655	-.347	50	257	.064	.059	.315	-.260	50	321	-.375	.096	.113	-.879
50	208	.144	.222	.580	-1.091	50	258	.068	.073	.406	-.223	50	322	-.350	.091	-.075	-.754
50	209	.185	.198	.645	-.934	50	259	.021	.064	.394	-.195	50	323	-.138	.157	.802	-.347
50	210	.180	.230	.617	-.942	50	260	.041	.086	.448	-.258	50	324	-.198	.062	-.004	-.619
50	211	.133	.227	.610	-.870	50	261	.048	.075	.408	-.195	50	325	-.201	.060	.026	-.539
50	212	.369	.137	.075	-1.150	50	262	.065	.084	.510	-.147	50	326	-.227	.074	.076	-.643
50	213	.070	.163	.657	-.448	50	263	.048	.079	.578	-.186	50	327	-.294	.093	.100	-.827
50	214	.078	.154	.779	-.434	50	264	.001	.062	.322	-.198	50	328	-.345	.111	.005	-.907
50	215	.070	.168	.843	-.389	50	265	.067	.053	.329	-.265	50	329	-.366	.117	.024	-.898
50	216	.054	.175	.858	-.454	50	266	.112	.047	.090	-.332	50	330	-.115	.135	.643	-.342
50	217	.096	.173	.724	-.348	50	267	.079	.072	.239	-.325	50	331	-.385	.128	.085	-.952
50	218	.350	.117	.040	-1.128	50	268	.089	.039	.116	-.237	50	332	-.405	.116	.043	-.933
50	219	.044	.108	.365	-.357	50	269	.031	.044	.176	-.160	50	333	-.401	.106	-.146	-.990
50	220	.040	.121	.531	-.285	50	270	.030	.047	.216	-.170	50	334	-.394	.105	-.104	-.879
50	221	.148	.141	.816	-.186	50	271	.006	.053	.271	-.126	50	335	-.135	.138	.657	-.203
50	222	.105	.146	.635	-.233	50	272	.029	.059	.420	-.102	50	336	-.201	.063	.012	-.548
50	223	.137	.157	.786	-.394	50	273	.063	.074	.411	-.084	50	337	-.199	.055	.036	-.472
50	224	.405	.130	.027	-1.453	50	274	.049	.063	.322	-.121	50	338	-.227	.065	.000	-.522
50	225	.138	.151	.789	-.379	50	275	.002	.051	.253	-.130	50	339	-.298	.094	.102	-.742
50	226	.150	.155	.841	-.250	50	276	.069	.034	.113	-.177	50	340	-.340	.107	.007	-.787
50	227	.137	.148	.722	-.235	50	277	.107	.032	.048	-.221	50	341	-.401	.138	-.028	-.1327
50	228	.079	.139	.741	-.275	50	278	.007	.061	.388	-.187	50	342	-.417	.137	.010	-.628
50	229	.003	.127	.526	-.352	50	279	.006	.055	.306	-.138	50	343	-.418	.119	-.047	-.952
50	230	.065	.124	.474	-.503	50	280	.039	.063	.390	-.118	50	344	-.013	.127	.501	-.571
50	231	.406	.145	.027	-1.274	50	281	.061	.071	.463	-.104	50	345	-.167	.035	.059	-.597
50	232	.073	.097	.409	-.379	50	282	.079	.077	.471	-.099	50	346	-.173	.036	-.052	-.387
50	233	.019	.113	.476	-.297	50	283	.083	.083	.603	-.086	50	347	-.212	.052	.045	-.535
50	234	.115	.124	.729	-.176	50	284	.033	.062	.351	-.128	50	348	-.256	.070	.006	-.540
50	235	.140	.139	.692	-.176	50	285	.048	.039	.189	-.151	50	349	-.323	.106	-.035	-.830
50	236	.442	.138	.208	-1.039	50	286	.095	.036	.101	-.222	50	350	-.373	.133	-.095	-.1067
50	237	.022	.119	.608	-.563	50	301	.386	.149	.174	-1.163	50	351	-.399	.142	-.092	-.1047
50	238	.092	.120	.570	-.325	50	302	.411	.125	.034	-1.046	50	352	-.410	.136	.004	-.1021
50	239	.110	.135	.741	-.414	50	303	.216	.080	.104	-.645	50	353	-.434	.138	-.112	-.1083
50	240	.108	.127	.674	-.250	50	304	.223	.087	.097	-.702	50	354	-.422	.128	.136	-.1059
50	241	.104	.121	.701	-.163	50	305	.255	.103	.081	-.867	50	355	-.018	.083	.374	-.471
50	242	.064	.110	.587	-.297	50	306	.313	.121	.208	-.931	50	356	-.145	.025	-.042	-.241
50	243	.030	.092	.424	-.314	50	307	.389	.127	-.026	-.990	50	357	-.151	.025	.049	-.258
50	244	.089	.088	.411	-.437	50	308	.395	.114	-.099	-1.333	50	358	-.172	.028	-.092	-.305
50	245	.414	.158	.164	-1.205	50	309	.383	.096	-.101	-.990	50	359	-.186	.033	-.071	-.341
50	246	.067	.077	.311	-.606	50	310	.365	.094	-.141	-.912	50	360	-.208	.046	-.088	-.456

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	361	- .242	.060	- .028	- .540	50	423	- .217	.038	- .109	- .382	50	475	- .137	.026	- .022	- .241
50	362	- .275	.081	- .001	- .657	50	426	- .207	.036	- .099	- .363	50	476	- .128	.027	- .010	- .326
50	363	- .259	.103	- .082	- .743	50	427	- .198	.035	- .082	- .353	50	477	- .121	.030	- .019	- .283
50	364	- .341	.114	- .009	- 1.040	50	428	- .187	.033	- .050	- .331	50	478	- .154	.040	- .007	- .320
50	365	- .327	.101	- .009	- .791	50	429	- .190	.042	- .045	- .459	50	479	- .147	.043	- .016	- .312
50	366	- .001	.073	- .413	- .258	50	430	- .195	.047	- .008	- .813	50	480	- .149	.029	- .035	- .266
50	367	- .133	.022	- .042	- .198	50	431	- .199	.051	- .015	- .434	50	481	- .145	.027	- .042	- .261
50	368	- .139	.023	- .047	- .210	50	432	- .217	.042	- .101	- .446	50	482	- .137	.021	- .068	- .213
50	369	- .148	.024	- .049	- .246	50	433	- .213	.041	- .104	- .520	50	483	- .128	.024	- .044	- .201
50	370	- .137	.026	- .052	- .240	50	434	- .220	.039	- .109	- .382	50	801	- .174	.052	- .011	- .575
50	371	- .122	.032	- .039	- .370	50	435	- .216	.039	- .109	- .417	50	802	- .244	.073	- .092	- .701
50	372	- .098	.045	- .101	- .296	50	436	- .264	.083	- .047	- .639	50	803	- .152	.046	- .025	- .356
50	373	- .091	.038	- .202	- .337	50	437	- .216	.037	- .104	- .372	50	804	- .149	.033	- .040	- .334
50	374	- .083	.070	- .281	- .375	50	438	- .221	.040	- .082	- .471	50	805	- .140	.024	- .061	- .220
50	375	- .219	.083	- .051	- .662	50	439	- .216	.039	- .116	- .459	50	806	- .029	.047	- .189	- .139
50	376	- .245	.103	- .030	- .992	50	440	- .214	.035	- .121	- .348	50	901	- .153	.057	- .127	- .429
50	377	- .029	.049	- .216	- .150	50	441	- .207	.033	- .117	- .331	50	902	- .188	.072	- .083	- .595
50	378	- .136	.025	- .047	- .220	50	442	- .183	.030	- .077	- .289	50	903	- .213	.096	- .107	- .775
50	379	- .143	.022	- .058	- .221	50	443	- .186	.035	- .080	- .386	50	904	- .375	.157	- .103	- 1.135
50	380	- .137	.023	- .040	- .216	50	444	- .184	.037	- .040	- .409	50	905	- .345	.152	- .308	- 1.098
50	381	- .134	.026	- .001	- .218	50	445	- .212	.046	- .077	- .430	50	906	- .130	.079	- .214	- .682
50	382	- .109	.032	- .031	- .227	50	446	- .216	.045	- .093	- .442	50	907	- .155	.095	- .148	- .800
50	383	- .081	.046	- .152	- .258	50	447	- .219	.051	- .105	- .518	50	908	- .461	.129	- .059	- 1.162
50	384	- .108	.064	- .191	- .426	50	448	- .212	.050	- .057	- .515	50	909	- .077	.096	- .268	- .473
50	385	- .023	.045	- .191	- .134	50	449	- .213	.049	- .087	- .644	50	910	- .452	.127	- .080	- 1.065
50	386	- .003	.051	- .232	- .111	50	450	- .201	.039	- .077	- .432	50	911	- .212	.036	- .079	- .374
50	401	- .401	.127	- .067	- .996	50	451	- .203	.039	- .096	- .451	50	912	- .067	.190	- .589	- .980
50	402	- .265	.071	- .050	- .690	50	452	- .192	.035	- .093	- .349	50	913	- .201	.040	- .064	- .360
50	403	- .261	.083	- .049	- .708	50	453	- .173	.027	- .087	- .285	50	914	- .269	.082	- .034	- .699
50	404	- .199	.037	- .092	- .353	50	454	- .166	.027	- .080	- .269	50	915	- .287	.099	- .003	- .864
50	405	- .197	.034	- .089	- .350	50	455	- .169	.031	- .082	- .299	50	916	- .457	.115	- .111	- .923
50	406	- .205	.035	- .111	- .409	50	456	- .203	.040	- .082	- .490	50	917	- .185	.158	- .801	- .219
50	407	- .199	.050	- .057	- .634	50	457	- .202	.040	- .105	- .624	50	918	- .195	.066	- .030	- .559
50	408	- .217	.061	- .040	- .570	50	458	- .203	.044	- .068	- .550	50	919	- .184	.143	- .786	- .165
50	409	- .204	.058	- .040	- .584	50	459	- .188	.032	- .091	- .338	50	920	- .221	.072	- .098	- .616
50	410	- .211	.062	- .014	- .609	50	460	- .190	.033	- .029	- .393	50	921	- .359	.096	- .064	- .940
50	411	- .219	.071	- .020	- .619	50	461	- .188	.032	- .098	- .336	50	922	- .215	.074	- .086	- .578
50	412	- .273	.075	- .062	- .621	50	462	- .189	.036	- .105	- .322	50	923	- .364	.115	- .069	- 1.085
50	413	- .199	.050	- .050	- .481	50	463	- .177	.030	- .075	- .319	50	924	- .371	.101	- .212	- .804
50	414	- .197	.050	- .042	- .483	50	464	- .154	.024	- .061	- .243	50	925	- .198	.066	- .033	- .513
50	415	- .187	.047	- .005	- .409	50	465	- .141	.027	- .036	- .347	50	926	- .226	.084	- .086	- .647
50	416	- .192	.058	- .013	- .589	50	466	- .142	.025	- .017	- .255	50	927	- .301	.115	- .132	- .978
50	417	- .197	.062	- .046	- .525	50	467	- .196	.053	- .043	- .513	50	928	- .369	.113	- .143	- .954
50	418	- .247	.067	- .003	- .611	50	468	- .192	.041	- .029	- .448	50	929	- .414	.121	- .055	- .998
50	419	- .207	.036	- .096	- .400	50	469	- .187	.039	- .036	- .370	60	101	- .413	.135	- .044	- 1.053
50	420	- .208	.035	- .092	- .464	50	470	- .170	.048	- .089	- .366	60	102	- .316	.110	- .044	- .922
50	421	- .210	.036	- .092	- .375	50	471	- .176	.037	- .013	- .326	60	103	- .568	.128	- .180	- 1.095
50	422	- .214	.039	- .089	- .380	50	472	- .177	.034	- .013	- .310	60	104	- .550	.136	- .128	- 1.015
50	423	- .221	.051	- .089	- .582	50	473	- .172	.037	- .038	- .402	60	105	- .468	.149	- .088	- 1.105
50	424	- .239	.059	- .040	- .700	50	474	- .162	.035	- .027	- .352	60	106	- .368	.123	- .021	- .916

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	107	-.283	.128	.089	-1.261	60	157	-.447	.156	-.143	-1.645	60	223	-.191	.144	.792	-.219
60	108	-.233	.110	.070	-.804	60	158	-.420	.150	-.045	-1.120	60	224	-.496	.157	.697	-1.330
60	109	-.191	.074	.040	-.651	60	159	-.305	.134	-.039	-.886	60	225	.255	.137	.875	-.302
60	110	-.191	.070	.028	-.710	60	160	-.242	.108	.154	-.783	60	226	.274	.146	.825	-.140
60	111	-.361	.133	.039	-.967	60	161	-.209	.073	.056	-.756	60	227	.288	.155	.812	-.077
60	112	-.506	.159	-.053	-1.601	60	162	-.215	.073	.015	-.672	60	228	.260	.150	.873	-.115
60	113	-.479	.136	-.109	-1.140	60	163	-.220	.049	.008	-.486	60	229	.167	.141	.714	-.188
60	114	-.485	.141	-.067	-1.093	60	164	-.216	.057	.058	-.517	60	230	.040	.118	.479	-.289
60	115	-.386	.139	-.016	-1.013	60	165	-.203	.056	.101	-.509	60	231	-.500	.163	-.016	-1.307
60	116	-.376	.134	-.076	-1.154	60	166	-.196	.035	-.093	-.356	60	232	-.039	.100	.438	-.380
60	117	-.211	.058	.004	-.814	60	167	-.380	.116	-.131	-1.106	60	233	-.086	.116	.562	-.282
60	118	-.325	.090	-.046	-.788	60	168	-.366	.114	-.129	-1.156	60	234	.211	.129	.688	-.107
60	119	-.303	.119	.042	-.856	60	169	-.346	.114	-.059	-.972	60	235	.256	.139	.792	-.072
60	120	-.216	.091	.122	-.719	60	170	-.253	.099	.147	-.749	60	236	-.519	.141	.289	-1.072
60	121	-.186	.069	.040	-.611	60	171	-.203	.079	.087	-.730	60	237	.042	.162	.582	-.618
60	122	-.185	.065	.101	-.660	60	172	-.194	.060	-.053	-.692	60	238	.164	.124	.729	-.216
60	123	-.205	.043	-.074	-.459	60	173	-.206	.055	-.014	-1.113	60	239	.215	.130	.691	-.229
60	124	-.492	.124	-.145	-1.055	60	174	-.232	.056	-.081	-.881	60	240	.271	.136	.787	-.150
60	125	-.506	.129	-.135	-1.270	60	175	-.181	.048	-.020	-.660	60	241	-.273	.147	.791	-.057
60	126	-.514	.158	-.028	-1.306	60	176	-.175	.039	-.007	-.435	60	242	.230	.132	.794	-.118
60	127	-.397	.142	-.012	-1.034	60	177	-.202	.041	-.095	-.452	60	243	.114	.120	.553	-.222
60	128	-.324	.126	.021	-.828	60	178	-.285	.068	-.125	-.599	60	244	.005	.103	.548	-.279
60	129	-.308	.140	-.063	-1.036	60	179	-.301	.087	-.101	-.854	60	245	-.471	.180	.274	-1.501
60	130	-.204	.035	-.109	-.381	60	180	-.284	.104	.009	-.983	60	246	-.048	.078	.361	-.374
60	131	-.245	.064	-.008	-.499	60	181	-.195	.095	.211	-.808	60	247	.069	.103	.484	-.220
60	132	-.228	.082	.089	-.660	60	182	-.164	.064	.160	-.497	60	248	.031	.101	.522	-.265
60	133	-.202	.063	.089	-.471	60	183	-.184	.025	-.113	-.280	60	249	.109	.103	.588	-.140
60	134	-.201	.070	-.006	-.809	60	184	-.181	.038	-.030	-.404	60	250	.148	.113	.631	-.109
60	135	-.202	.035	-.095	-.346	60	201	-.532	.136	-.005	-1.323	60	251	.162	.106	.661	-.057
60	136	-.472	.112	-.152	-1.145	60	202	-.510	.118	.014	-.906	60	252	.163	.107	.607	-.085
60	137	-.471	.120	-.133	-1.218	60	203	-.422	.158	.287	-1.041	60	253	.126	.106	.527	-.104
60	138	-.492	.151	-.083	-1.128	60	204	-.004	.108	.461	-.330	60	254	-.037	.096	.430	-.303
60	139	-.402	.139	.016	-.894	60	205	.087	.106	.461	-.264	60	255	-.062	.085	.297	-.315
60	140	-.312	.129	.035	-.901	60	206	.134	.109	.529	-.145	60	256	-.283	.134	.359	-1.035
60	141	-.255	.112	.111	-1.008	60	207	.127	.111	.633	-.213	60	257	-.054	.054	.234	-.251
60	142	-.253	.102	.132	-.893	60	208	-.155	.178	.408	-.961	60	258	-.032	.073	.335	-.220
60	143	-.246	.073	-.004	-.814	60	209	-.339	.176	.277	-1.062	60	259	-.007	.070	.319	-.187
60	144	-.198	.037	-.083	-.380	60	210	-.333	.177	.547	-.923	60	260	.047	.073	.477	-.147
60	145	-.422	.131	-.133	-1.156	60	211	-.283	.187	.383	-.795	60	261	.073	.082	.482	-.194
60	146	-.445	.129	-.100	-1.094	60	212	-.402	.156	.234	-1.088	60	262	.096	.079	.423	-.147
60	147	-.441	.147	-.026	-1.111	60	213	-.201	.147	.709	-.388	60	263	.087	.078	.451	-.152
60	148	-.367	.145	.082	-1.003	60	214	.182	.136	.678	-.196	60	264	.057	.078	.503	-.128
60	149	-.291	.129	.120	-.864	60	215	.185	.141	.822	-.206	60	265	-.029	.068	.380	-.270
60	150	-.236	.100	.135	-1.063	60	216	.136	.146	.630	-.322	60	266	-.107	.068	.172	-.359
60	151	-.239	.096	-.089	-.787	60	217	-.083	.141	.691	-.360	60	267	-.027	.082	.357	-.307
60	152	-.224	.058	.047	-.493	60	218	-.416	.146	.029	-1.125	60	268	-.056	.039	.118	-.199
60	153	-.218	.065	.041	-.644	60	219	-.014	.103	.448	-.325	60	269	.013	.049	.219	-.111
60	154	-.209	.067	-.053	-.560	60	220	.117	.122	.618	-.208	60	270	.012	.056	.262	-.156
60	155	-.197	.039	-.057	-.416	60	221	-.284	.153	.921	-.107	60	271	.059	.062	.319	-.107
60	156	-.429	.141	-.165	-1.245	60	222	-.237	.136	.830	-.143	60	272	.091	.068	.373	-.090

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	273	.124	.074	.446	-.055	60	337	-.198	.061	.094	-.546	60	401	-.338	.107	-.042	-.863
60	274	.137	.082	.529	-.055	60	338	-.227	.073	.077	-.565	60	402	-.268	.073	-.084	-.685
60	275	.071	.063	.390	-.116	60	339	-.318	.107	.039	-.897	60	403	-.294	.090	-.008	-.766
60	276	.040	.043	.163	-.177	60	340	-.444	.134	.005	-.979	60	404	-.187	.043	-.010	-.403
60	277	.103	.042	.697	-.293	60	341	-.526	.151	-.002	-.149	60	405	-.190	.036	-.076	-.430
60	278	.021	.066	.371	-.193	60	342	-.516	.145	.001	-.249	60	406	-.197	.034	-.101	-.361
60	279	.026	.060	.451	-.137	60	343	-.511	.123	-.143	-.361	60	407	-.194	.045	-.034	-.514
60	280	.094	.077	.483	-.065	60	344	-.003	.167	.653	-.633	60	408	-.205	.054	-.022	-.477
60	281	.124	.085	.523	-.058	60	345	-.165	.037	-.033	-.389	60	409	-.212	.059	-.040	-.507
60	282	.165	.102	.665	-.036	60	346	-.173	.039	-.065	-.379	60	410	-.210	.066	-.019	-.526
60	283	.167	.092	.574	-.036	60	347	-.208	.047	-.060	-.547	60	411	-.226	.077	-.018	-.799
60	284	.116	.083	.478	-.080	60	348	-.260	.072	-.051	-.638	60	412	-.354	.095	-.108	-.813
60	285	.001	.053	.284	-.140	60	349	-.346	.113	-.077	-.127	60	413	-.196	.046	-.039	-.467
60	286	.081	.045	.112	-.257	60	350	-.444	.148	-.033	-.127	60	414	-.195	.045	-.024	-.524
60	301	-.408	.155	.130	-1.124	60	351	-.484	.153	-.082	-1.268	60	415	-.188	.051	-.014	-.615
60	302	-.491	.137	.137	-1.110	60	352	-.457	.148	-.195	-1.358	60	416	-.188	.056	-.040	-.507
60	303	-.214	.088	.087	-.642	60	353	-.512	.155	-.124	-1.210	60	417	-.192	.060	-.007	-.472
60	304	-.213	.092	.168	-.883	60	354	-.495	.143	-.116	-1.108	60	418	-.330	.088	-.052	-.707
60	305	.253	.112	.257	-.936	60	355	-.051	.098	-.636	-.226	60	419	-.198	.045	-.047	-.583
60	306	.333	.137	.296	-.939	60	356	-.138	.028	-.021	-.226	60	420	-.195	.041	-.066	-.499
60	307	.474	.138	.005	-1.073	60	357	-.147	.028	-.053	-.267	60	421	-.197	.031	-.076	-.346
60	308	.505	.118	-.125	-1.112	60	358	-.168	.028	-.075	-.294	60	422	-.203	.035	-.089	-.346
60	309	.478	.101	-.149	-.902	60	359	-.186	.038	-.036	-.404	60	423	-.206	.041	-.079	-.457
60	310	.448	.103	-.149	-.053	60	360	-.203	.043	-.051	-.421	60	424	-.284	.083	-.000	-.653
60	311	.334	.126	.177	-.932	60	361	-.242	.065	-.051	-.584	60	425	-.202	.031	-.091	-.346
60	312	.189	.073	.058	-.693	60	362	-.273	.084	-.036	-.735	60	426	-.198	.033	-.104	-.341
60	313	.195	.082	.096	-.627	60	363	-.266	.108	-.298	-.684	60	427	-.194	.032	-.094	-.326
60	314	.220	.098	.111	-.893	60	364	-.385	.127	-.026	-.964	60	428	-.183	.033	-.059	-.321
60	315	.299	.128	.123	-.974	60	365	-.355	.116	-.058	-.979	60	429	-.189	.042	-.064	-.437
60	316	.316	.131	.096	-.977	60	366	-.011	.069	-.300	-.216	60	430	-.195	.046	-.049	-.546
60	317	.097	.115	.491	-.277	60	367	-.119	.030	-.005	-.250	60	431	-.246	.065	-.054	-.504
60	318	.374	.148	.140	-1.042	60	368	-.128	.028	-.024	-.250	60	432	-.203	.044	-.071	-.552
60	319	.452	.128	.067	-.958	60	369	-.136	.026	-.036	-.226	60	433	-.201	.040	-.066	-.517
60	320	.500	.125	.147	-1.078	60	370	-.126	.027	-.029	-.233	60	434	-.202	.033	-.111	-.348
60	321	.481	.108	-.188	-.958	60	371	-.104	.034	-.079	-.223	60	435	-.206	.034	-.101	-.351
60	322	.446	.094	.173	-.946	60	372	-.075	.047	-.113	-.267	60	436	-.265	.069	-.079	-.618
60	323	.192	.145	.784	-.248	60	373	-.070	.059	-.176	-.353	60	437	-.204	.036	-.096	-.371
60	324	.188	.059	.002	-.549	60	374	-.034	.076	-.378	-.304	60	438	-.202	.035	-.113	-.446
60	325	.192	.062	.063	-.551	60	375	-.216	.096	-.103	-.803	60	439	-.202	.031	-.108	-.448
60	326	.227	.083	.079	-.707	60	376	-.240	.113	-.086	-.903	60	440	-.198	.030	-.079	-.443
60	327	.324	.113	.026	-.876	60	377	-.021	.056	-.239	-.175	60	441	-.180	.027	-.084	-.399
60	328	.416	.134	.007	-1.075	60	378	-.131	.029	-.012	-.220	60	442	-.175	.026	-.097	-.381
60	329	.466	.141	.026	-1.102	60	379	-.130	.029	-.012	-.220	60	443	-.183	.037	-.067	-.357
60	330	.222	.139	.796	-.132	60	380	-.126	.026	-.014	-.228	60	444	-.186	.039	-.077	-.477
60	331	.462	.149	-.149	-.096	60	381	-.127	.027	-.019	-.211	60	445	-.224	.052	-.081	-.512
60	332	.518	.138	-.108	-1.078	60	382	-.097	.024	-.062	-.220	60	446	-.205	.042	-.095	-.468
60	333	.497	.130	-.185	-1.102	60	383	-.077	.057	-.124	-.361	60	447	-.193	.032	-.093	-.357
60	334	.489	.118	-.144	-1.022	60	384	-.112	.067	-.134	-.425	60	448	-.196	.033	-.086	-.357
60	335	.252	.141	.777	-.084	60	385	-.009	.052	-.266	-.127	60	449	-.198	.034	-.093	-.443
60	336	.191	.060	.048	-.544	60	386	-.034	.061	-.358	-.094	60	450	-.196	.034	-.097	-.448

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	451	-.198	.028	-.125	-.315	60	912	-.078	.166	-.571	-1.039	70	133	-.257	.093	-.092	-.677
60	452	-.180	.031	-.100	-.334	60	913	-.197	.040	-.046	-.382	70	134	-.242	.097	-.104	-.699
60	453	-.160	.025	-.072	-.253	60	914	-.259	.075	-.038	-.870	70	135	-.196	.041	-.022	-.361
60	454	-.158	.026	-.065	-.257	60	915	-.357	.118	-.051	-.902	70	136	-.389	.095	-.129	-.957
60	455	-.159	.027	-.063	-.269	60	916	-.504	.108	-.179	-.960	70	137	-.380	.103	-.103	-1.055
60	456	-.222	.045	-.040	-.440	60	917	-.246	.146	-.710	-.162	70	138	-.390	.103	-.098	-.943
60	457	-.201	.038	-.095	-.459	60	918	-.204	.063	-.074	-.496	70	139	-.384	.111	-.059	-.879
60	458	-.197	.033	-.097	-.345	60	919	-.245	.141	-.708	-.128	70	140	-.347	.119	-.013	-.957
60	459	-.196	.034	-.095	-.352	60	920	-.227	.084	-.255	-.684	70	141	-.298	.115	-.033	-1.026
60	460	-.200	.033	-.100	-.359	60	921	-.446	.090	-.141	-.809	70	142	-.293	.118	-.053	-.781
60	461	-.201	.033	-.100	-.396	60	922	-.254	.099	-.077	-.771	70	143	-.254	.082	-.022	-.605
60	462	-.203	.034	-.074	-.315	60	923	-.399	.116	-.062	-.855	70	144	-.196	.040	-.072	-.411
60	463	-.179	.033	-.040	-.334	60	924	-.455	.095	-.158	-.972	70	145	-.404	.105	-.163	-.930
60	464	-.149	.027	-.023	-.248	60	925	-.211	.072	-.043	-.601	70	146	-.410	.121	-.101	-1.237
60	465	-.140	.028	-.030	-.223	60	926	-.211	.086	-.123	-.642	70	147	-.406	.129	-.065	-1.102
60	466	-.139	.027	-.007	-.243	60	927	-.314	.131	-.356	-.807	70	148	-.389	.141	-.019	-1.004
60	467	-.245	.058	-.095	-.570	60	928	-.437	.138	-.111	-1.000	70	149	-.313	.134	-.069	-.860
60	468	-.190	.033	-.056	-.362	60	929	-.519	.145	-.111	-1.113	70	150	-.262	.114	-.113	-.797
60	469	-.192	.032	-.070	-.322	70	101	-.078	.150	-.082	-.836	70	151	-.274	.132	-.122	-.927
60	470	-.198	.034	-.104	-.392	70	102	-.077	.158	-.089	-1.010	70	152	-.236	.072	-.010	-.589
60	471	-.200	.039	-.060	-.420	70	103	-.460	.111	-.126	-1.007	70	153	-.233	.084	-.103	-.625
60	472	-.202	.038	-.081	-.415	70	104	-.450	.125	-.153	-.990	70	154	-.239	.096	-.074	-.709
60	473	-.197	.045	-.007	-.503	70	105	-.431	.114	-.086	-1.064	70	155	-.194	.043	-.060	-.406
60	474	-.174	.039	-.069	-.352	70	106	-.397	.125	-.044	-1.033	70	156	-.424	.118	-.159	-1.307
60	475	-.134	.034	-.007	-.246	70	107	-.368	.146	-.063	-1.266	70	157	-.429	.118	-.135	-1.162
60	476	-.121	.034	-.018	-.269	70	108	-.294	.132	-.232	-.971	70	158	-.416	.132	-.046	-1.177
60	477	-.121	.034	-.030	-.281	70	109	-.261	.124	-.146	-1.057	70	159	-.342	.142	-.036	-1.086
60	478	-.188	.033	-.030	-.321	70	110	-.244	.112	-.059	-.841	70	160	-.277	.124	-.065	-.889
60	479	-.186	.032	-.073	-.331	70	111	-.398	.130	-.000	-1.040	70	161	-.234	.104	-.110	-.759
60	480	-.186	.032	-.099	-.323	70	112	-.379	.095	-.098	-.884	70	162	-.224	.093	-.214	-.747
60	481	-.175	.032	-.060	-.323	70	113	-.390	.103	-.107	-1.047	70	163	-.216	.064	-.005	-.541
60	482	-.149	.031	-.029	-.254	70	114	-.430	.108	-.074	-1.002	70	164	-.208	.071	-.029	-.565
60	483	-.115	.029	-.046	-.212	70	115	-.419	.128	-.029	-1.228	70	165	-.206	.078	-.050	-.593
60	801	-.180	.061	-.012	-.582	70	116	-.432	.154	-.024	-1.553	70	166	-.188	.052	-.051	-.468
60	802	-.310	.095	-.098	-.885	70	117	-.196	.051	-.005	-.452	70	167	-.386	.128	-.101	-1.309
60	803	-.186	.034	-.059	-.324	70	118	-.317	.086	-.008	-.675	70	168	-.383	.119	-.101	-1.074
60	804	-.183	.036	-.024	-.346	70	119	-.349	.116	-.044	-.938	70	169	-.356	.121	-.034	-1.002
60	805	-.146	.030	-.002	-.269	70	120	-.280	.092	-.033	-.718	70	170	-.302	.127	-.149	-1.018
60	806	-.006	.049	-.251	-.133	70	121	-.250	.104	-.061	-.736	70	171	-.200	.088	-.199	-.634
60	901	-.225	.090	-.077	-.663	70	122	-.246	.111	-.137	-.805	70	172	-.185	.067	-.021	-.653
60	902	-.323	.123	-.013	-.857	70	123	-.196	.044	-.058	-.388	70	173	-.188	.060	-.097	-.615
60	903	-.399	.135	-.046	-.160	70	124	-.383	.094	-.115	-.801	70	174	-.209	.065	-.031	-.574
60	904	-.551	.138	-.135	-.222	70	125	-.395	.096	-.160	-.910	70	175	-.164	.053	-.041	-.430
60	905	-.492	.125	-.047	-.102	70	126	-.418	.114	-.017	-.931	70	176	-.158	.053	-.021	-.778
60	906	-.196	.105	-.115	-.871	70	127	-.396	.117	-.005	-.983	70	177	-.192	.058	-.067	-.766
60	907	-.286	.129	-.099	-.852	70	128	-.371	.125	-.030	-.912	70	178	-.321	.091	-.079	-.829
60	908	-.522	.113	-.180	-.057	70	129	-.398	.133	-.073	-1.057	70	179	-.332	.103	-.081	-.787
60	909	-.167	.105	-.276	-.849	70	130	-.193	.041	-.041	-.373	70	180	-.320	.121	-.119	-.858
60	910	-.504	.107	-.211	-.065	70	131	-.263	.077	-.040	-.594	70	181	-.209	.105	-.211	-.692
60	911	-.196	.034	-.087	-.418	70	132	-.268	.095	-.037	-.725	70	182	-.154	.069	-.153	-.460

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	183	- .168	.033	- .066	- .322	70	249	.151	.109	.681	- .080	70	313	- .164	.059	.020	- .909
70	184	- .168	.044	- .018	- .456	70	250	.178	.112	.657	- .071	70	314	- .180	.070	.125	- .744
70	201	- .490	.118	- .147	- .115	70	251	.173	.107	.589	- .106	70	315	- .229	.101	.178	- .873
70	202	- .108	.193	.083	- .878	70	252	.182	.107	.707	- .048	70	316	- .256	.120	.113	- .883
70	203	- .102	.180	.078	- .174	70	253	.128	.102	.563	- .076	70	317	- .083	.130	.670	- .347
70	204	- .045	.116	.555	- .249	70	254	.013	.082	.425	- .243	70	318	- .235	.160	.335	- .887
70	205	- .129	.114	.530	- .216	70	255	- .069	.074	.356	- .318	70	319	- .401	.145	.144	- .909
70	206	- .136	.113	.573	- .146	70	256	- .266	.133	.260	- .853	70	320	- .517	.137	.024	- 1.110
70	207	- .114	.110	.563	- .191	70	257	- .034	.056	.302	- .250	70	321	- .494	.107	.181	- .923
70	208	- .295	.203	.362	- 1.097	70	258	.049	.075	.472	- .160	70	322	- .467	.105	.138	- .914
70	209	- .360	.168	.327	- .886	70	259	.025	.072	.406	- .153	70	323	- .230	.146	.793	- .201
70	210	- .378	.132	.254	- .758	70	260	.077	.084	.563	- .127	70	324	- .165	.046	.008	- .421
70	211	- .351	.116	.246	- .799	70	261	.091	.081	.512	- .109	70	325	- .162	.043	.036	- .421
70	212	- .245	.195	.450	- 1.168	70	262	.110	.086	.690	- .095	70	326	- .185	.061	.048	- .531
70	213	- .157	.135	.605	- .379	70	263	.103	.076	.446	- .069	70	327	- .248	.097	.058	- .799
70	214	- .127	.118	.620	- .206	70	264	.051	.068	.378	- .123	70	328	- .350	.134	.007	- .923
70	215	- .139	.126	.661	- .178	70	265	- .032	.060	.375	- .210	70	329	- .397	.149	.032	- .926
70	216	- .071	.114	.550	- .256	70	266	- .108	.061	.300	- .379	70	330	- .235	.137	.716	- .126
70	217	- .013	.112	.432	- .447	70	267	- .028	.079	.368	- .402	70	331	- .393	.165	.295	- .928
70	218	- .304	.165	.372	- 1.133	70	268	- .047	.041	.126	- .170	70	332	- .542	.143	.000	- 1.203
70	219	- .040	.114	.490	- .294	70	269	.030	.049	.232	- .123	70	333	- .494	.116	.122	- 1.036
70	220	- .162	.134	.769	- .196	70	270	.019	.051	.267	- .106	70	334	- .495	.120	.186	- .937
70	221	- .288	.149	.836	- .108	70	271	- .074	.065	.359	- .063	70	335	- .268	.136	.766	- .112
70	222	- .218	.138	.693	- .123	70	272	- .094	.065	.366	- .071	70	336	- .165	.041	.004	- .442
70	223	- .227	.141	.786	- .206	70	273	.132	.079	.422	- .038	70	337	- .167	.040	.009	- .404
70	224	- .460	.188	.322	- 1.281	70	274	.134	.088	.509	- .033	70	338	- .191	.059	.063	- .469
70	225	- .249	.139	.634	- .264	70	275	- .086	.065	.439	- .064	70	339	- .261	.091	.139	- .782
70	226	- .276	.131	.771	- .058	70	276	- .037	.044	.201	- .174	70	340	- .374	.123	.044	- .885
70	227	- .244	.134	.758	- .073	70	277	- .101	.039	.098	- .283	70	341	- .493	.147	.018	- 1.077
70	228	- .224	.136	.811	- .125	70	278	- .045	.073	.440	- .164	70	342	- .532	.144	.069	- 1.111
70	229	- .118	.114	.595	- .186	70	279	- .055	.069	.349	- .136	70	343	- .513	.148	.123	- 1.135
70	230	- .003	.098	.377	- .299	70	280	- .131	.081	.440	- .043	70	344	- .132	.153	.622	- .490
70	231	- .466	.190	.342	- 1.376	70	281	- .157	.090	.521	- .053	70	345	- .151	.028	.006	- .304
70	232	- .018	.107	.545	- .334	70	282	- .186	.095	.598	- .016	70	346	- .156	.028	.054	- .306
70	233	- .123	.122	.686	- .173	70	283	- .197	.107	.657	- .038	70	347	- .183	.034	.049	- .364
70	234	- .245	.138	.758	- .093	70	284	- .126	.079	.477	- .062	70	348	- .218	.053	.059	- .520
70	235	- .272	.135	.804	- .103	70	285	- .000	.050	.291	- .131	70	349	- .299	.103	.081	- .796
70	236	- .495	.171	.598	- 1.065	70	286	- .076	.044	.201	- .194	70	350	- .411	.140	.021	- 1.045
70	237	- .149	.149	.753	- .389	70	301	- .099	.176	.078	- .850	70	351	- .451	.141	.025	- 1.082
70	238	- .225	.132	.756	- .216	70	302	- .080	.149	.081	- .783	70	352	- .442	.164	.229	- 1.101
70	239	- .235	.139	.829	- .221	70	303	- .182	.062	.015	- .512	70	353	- .498	.157	.057	- 1.387
70	240	- .269	.132	.801	- .083	70	304	- .172	.069	.154	- .509	70	354	- .466	.140	.086	- 1.106
70	241	- .259	.140	.847	- .052	70	305	- .192	.083	.089	- .607	70	355	- .108	.110	.605	- .175
70	242	- .203	.126	.685	- .090	70	306	- .272	.121	.156	- .811	70	356	- .145	.033	.018	- .285
70	243	- .082	.104	.512	- .207	70	307	- .428	.149	.015	- 1.237	70	357	- .145	.029	.030	- .260
70	244	- .014	.092	.467	- .306	70	308	- .498	.125	- .157	- 1.175	70	358	- .156	.028	.016	- .272
70	245	- .458	.204	.450	- 1.248	70	309	- .496	.166	- .157	- 1.005	70	359	- .166	.032	.047	- .314
70	246	- .008	.091	.476	- .320	70	310	- .479	.105	- .177	- .981	70	360	- .180	.042	.049	- .570
70	247	- .099	.100	.563	- .165	70	311	- .280	.119	- .211	- .910	70	361	- .215	.063	.032	- .541
70	248	- .095	.101	.509	- .191	70	312	- .161	.052	.036	- .634	70	362	- .246	.078	.014	- .738

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	363	-.244	.111	.159	-.735	70	427	-.180	.033	-.023	-.343	70	477	-.178	.034	-.004	-.310
70	364	-.340	.123	.014	-.871	70	428	-.180	.035	-.050	-.378	70	478	-.174	.042	-.021	-.363
70	365	-.329	.109	-.052	-.995	70	429	-.178	.041	-.013	-.353	70	479	-.176	.050	-.005	-.366
70	366	-.041	.077	.489	-.292	70	430	-.177	.039	-.018	-.383	70	480	-.149	.044	.007	-.323
70	367	-.129	.034	-.072	-.318	70	431	-.270	.079	-.049	-.585	70	481	-.150	.048	.076	-.287
70	368	-.131	.025	-.006	-.226	70	432	-.209	.051	-.060	-.537	70	482	-.147	.044	.076	-.294
70	369	-.123	.027	-.013	-.265	70	433	-.204	.046	-.048	-.465	70	483	-.129	.045	.086	-.249
70	370	-.107	.028	-.028	-.192	70	434	-.191	.035	-.082	-.316	70	801	-.178	.072	-.091	-.663
70	371	-.083	.036	.111	-.197	70	435	-.196	.040	-.028	-.333	70	802	-.351	.110	-.094	-.847
70	372	-.055	.047	.135	-.234	70	436	-.251	.077	-.000	-.774	70	803	-.176	.044	-.017	-.366
70	373	-.046	.061	.251	-.294	70	437	-.200	.040	-.048	-.386	70	804	-.157	.049	.019	-.476
70	374	-.029	.077	.377	-.352	70	438	-.190	.035	-.075	-.326	70	805	-.148	.045	.028	-.273
70	375	-.188	.093	.115	-.755	70	439	-.187	.034	-.062	-.329	70	806	.019	.052	.236	-.110
70	376	-.209	.120	.147	-1.351	70	440	-.182	.029	-.082	-.301	70	901	-.272	.096	.103	-.663
70	377	-.035	.054	.251	-.166	70	441	-.174	.028	-.089	-.296	70	902	-.340	.112	.067	-1.007
70	378	-.156	.024	-.013	-.245	70	442	-.173	.028	-.075	-.282	70	903	-.405	.117	.103	-1.012
70	379	-.123	.030	-.001	-.228	70	443	-.176	.032	-.047	-.334	70	904	-.466	.122	-.170	-1.250
70	380	-.104	.027	-.001	-.183	70	444	-.173	.032	-.043	-.296	70	905	-.408	.092	-.131	-.774
70	381	-.091	.030	-.083	-.206	70	445	-.251	.078	-.038	-.671	70	906	-.113	.196	.087	-.836
70	382	-.075	.038	.085	-.222	70	446	-.203	.053	-.064	-.659	70	907	-.106	.183	.092	-1.230
70	383	-.044	.061	.189	-.309	70	447	-.199	.048	-.068	-.417	70	908	-.104	.182	.087	-1.005
70	384	-.084	.072	.212	-.356	70	448	-.194	.043	-.085	-.403	70	909	-.084	.152	.101	-.803
70	385	-.038	.054	.281	-.095	70	449	-.186	.037	-.071	-.399	70	910	-.095	.176	.078	-.865
70	386	-.076	.068	.342	-.098	70	450	-.181	.034	-.064	-.322	70	911	-.196	.041	-.075	-.367
70	401	-.105	.190	.087	-1.047	70	451	-.176	.031	-.045	-.310	70	912	-.131	.185	.451	-1.066
70	402	-.081	.158	.196	-.993	70	452	-.182	.030	-.059	-.285	70	913	-.193	.046	-.030	-.418
70	403	-.093	.182	.087	-.918	70	453	-.177	.027	-.080	-.296	70	914	-.084	.183	.108	-.826
70	404	-.211	.070	-.020	-.552	70	454	-.174	.027	-.071	-.278	70	915	-.082	.180	.101	-.980
70	405	-.201	.056	-.052	-.433	70	455	-.171	.027	-.078	-.275	70	916	-.094	.201	.098	-.831
70	406	-.199	.045	-.030	-.371	70	456	-.223	.065	-.031	-.515	70	917	-.242	.152	.920	-.132
70	407	-.194	.049	-.015	-.361	70	457	-.199	.053	-.006	-.441	70	918	-.192	.059	.023	-.442
70	408	-.208	.058	-.030	-.540	70	458	-.185	.048	-.045	-.401	70	919	-.276	.150	.937	-.082
70	409	-.205	.056	-.020	-.600	70	459	-.183	.047	-.066	-.396	70	920	-.061	.152	.161	-.826
70	410	-.213	.064	-.038	-.684	70	460	-.180	.043	-.054	-.385	70	921	-.075	.179	.101	-.771
70	411	-.224	.071	-.020	-.814	70	461	-.175	.041	-.011	-.501	70	922	-.058	.153	.103	-.874
70	412	-.321	.093	-.057	-.843	70	462	-.173	.037	-.027	-.334	70	923	-.114	.207	.084	-.858
70	413	-.187	.044	-.023	-.438	70	463	-.188	.041	-.047	-.320	70	924	-.105	.192	.089	-.933
70	414	-.187	.050	-.015	-.480	70	464	-.191	.029	-.036	-.315	70	925	-.211	.068	.039	-.634
70	415	-.183	.045	-.033	-.433	70	465	-.177	.030	-.032	-.294	70	926	-.197	.070	.060	-.555
70	416	-.177	.045	-.000	-.418	70	466	-.174	.032	-.057	-.296	70	927	-.279	.118	.211	-.779
70	417	-.178	.044	-.002	-.386	70	467	-.217	.069	-.066	-.608	70	928	-.362	.139	.146	-.903
70	418	-.329	.083	-.048	-.667	70	468	-.164	.047	-.010	-.355	70	929	-.512	.147	.124	-1.269
70	419	-.217	.061	-.028	-.557	70	469	-.166	.044	-.020	-.345	80	101	-.401	.122	.000	-.970
70	420	-.208	.054	-.052	-.560	70	470	-.177	.064	-.003	-.559	80	102	-.360	.132	.045	-1.205
70	421	-.186	.039	-.045	-.358	70	471	-.163	.045	-.024	-.399	80	103	-.377	.094	-.147	-.813
70	422	-.191	.039	-.080	-.381	70	472	-.159	.046	-.013	-.459	80	104	-.358	.090	-.081	-.780
70	423	-.197	.043	-.060	-.373	70	473	-.165	.050	-.069	-.431	80	105	-.410	.111	-.040	-1.077
70	424	-.276	.079	-.127	-.637	70	474	-.190	.046	-.043	-.380	80	106	-.391	.113	-.014	-1.089
70	425	-.190	.035	-.087	-.334	70	475	-.192	.035	-.008	-.327	80	107	-.353	.120	.014	-1.041
70	426	-.188	.036	-.048	-.319	70	476	-.184	.028	-.075	-.294	80	108	-.319	.126	.043	-1.017



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	109	-.299	.124	.121	-1.058	80	159	-.399	.135	-.004	-1.054	80	225	.260	.143	.846	-.271
80	110	-.296	.121	.079	-.920	80	160	-.309	.115	.152	-.787	80	226	.260	.132	.765	-.131
80	111	-.388	.125	.098	-1.092	80	161	-.257	.104	.080	-.671	80	227	.262	.130	.742	-.283
80	112	-.332	.075	-.142	-.789	80	162	-.254	.100	.034	-.876	80	228	.209	.125	.709	-.121
80	113	-.338	.075	-.161	-.720	80	163	-.235	.071	-.016	-.594	80	229	.073	.100	.447	-.217
80	114	-.380	.092	-.150	-.960	80	164	-.233	.079	.063	-.606	80	230	-.008	.085	.394	-.271
80	115	-.411	.123	-.007	-1.034	80	165	-.228	.089	.109	-.736	80	231	-.330	.210	.343	-1.291
80	116	-.423	.138	.030	-1.141	80	166	-.190	.051	-.052	-.466	80	232	.069	.119	.638	-.230
80	117	-.200	.047	-.054	-.478	80	167	-.425	.128	-.170	-1.324	80	233	.189	.128	.815	-.154
80	118	-.309	.072	-.038	-.637	80	168	-.411	.111	-.129	-1.040	80	234	.299	.141	.859	-.047
80	119	-.349	.092	-.028	-.739	80	169	-.411	.137	-.074	-1.263	80	235	.270	.150	.866	-.111
80	120	-.366	.077	-.035	-.623	80	170	-.309	.119	.135	-.941	80	236	.369	.261	.645	-1.090
80	121	-.310	.095	-.043	-.732	80	171	-.216	.094	.104	-.623	80	237	.182	.147	.732	-.352
80	122	-.305	.106	-.083	-.782	80	172	-.196	.065	.034	-.588	80	238	.245	.134	.818	-.228
80	123	-.202	.039	-.085	-.399	80	173	-.200	.059	-.020	-.498	80	239	.234	.142	.777	-.243
80	124	-.344	.073	-.157	-.849	80	174	-.218	.066	-.031	-.536	80	240	.271	.142	.838	-.088
80	125	-.333	.065	-.147	-.644	80	175	-.177	.057	.008	-.491	80	241	.247	.126	.751	-.112
80	126	-.357	.078	-.147	-.813	80	176	-.166	.053	.034	-.416	80	242	.212	.123	.660	-.089
80	127	-.402	.115	-.054	-.958	80	177	-.175	.055	-.038	-.594	80	243	.076	.105	.494	-.226
80	128	-.371	.097	-.043	-.894	80	178	-.330	.078	-.125	-.660	80	244	.027	.080	.316	-.286
80	129	-.386	.121	-.012	-.948	80	179	-.351	.102	-.077	-.908	80	245	.346	.207	.432	-1.223
80	130	-.202	.035	-.073	-.343	80	180	-.309	.109	.062	-.784	80	246	.011	.093	.432	-.226
80	131	-.299	.071	-.050	-.566	80	181	-.211	.102	.209	-.628	80	247	.109	.099	.563	-.143
80	132	-.325	.098	-.031	-.723	80	182	-.149	.065	.197	-.513	80	248	.093	.098	.529	-.169
80	133	-.302	.092	-.028	-.742	80	183	-.159	.031	-.050	-.303	80	249	.160	.103	.608	-.081
80	134	-.320	.102	-.052	-.711	80	184	-.164	.050	.033	-.482	80	250	.183	.109	.606	-.055
80	135	-.209	.036	-.090	-.402	80	201	-.477	.124	-.179	-1.069	80	251	.195	.107	.691	-.055
80	136	-.349	.078	-.140	-.896	80	202	-.503	.107	-.117	-.957	80	252	.209	.114	.722	-.029
80	137	-.353	.079	-.135	-1.155	80	203	-.478	.129	.083	-1.095	80	253	.163	.102	.646	-.098
80	138	-.384	.093	-.164	-.989	80	204	-.130	.129	.633	-.250	80	254	.057	.097	.513	-.193
80	139	-.391	.100	-.047	-.984	80	205	-.168	.132	.765	-.184	80	255	-.048	.080	.358	-.284
80	140	-.372	.101	-.026	-.956	80	206	-.156	.116	.526	-.141	80	256	-.224	.134	.258	-.883
80	141	-.325	.093	.027	-.731	80	207	-.089	.106	.506	-.202	80	257	-.037	.046	.192	-.210
80	142	-.324	.101	-.032	-.934	80	208	-.359	.195	.303	-1.070	80	258	.028	.061	.289	-.243
80	143	-.297	.078	-.016	-.599	80	209	-.341	.173	.381	-.877	80	259	.009	.060	.299	-.162
80	144	-.212	.036	-.076	-.483	80	210	-.379	.090	.189	-.748	80	260	.066	.075	.406	-.169
80	145	-.394	.094	-.161	-.900	80	211	-.346	.081	.120	-.705	80	261	.090	.080	.501	-.105
80	146	-.395	.090	-.149	-.926	80	212	-.013	.209	.612	-.814	80	262	.122	.087	.541	-.105
80	147	-.419	.107	-.127	-1.292	80	213	-.147	.149	.638	-.593	80	263	.109	.076	.475	-.074
80	148	-.413	.118	.003	-.970	80	214	-.131	.126	.579	-.491	80	264	.089	.079	.444	-.091
80	149	-.365	.127	.037	-.869	80	215	-.115	.113	.488	-.210	80	265	.004	.077	.396	-.207
80	150	-.308	.114	.039	-.760	80	216	-.054	.100	.468	-.258	80	266	-.084	.074	.220	-.333
80	151	-.320	.133	.039	-1.117	80	217	-.012	.099	.346	-.382	80	267	-.010	.073	.332	-.265
80	152	-.263	.075	.042	-.666	80	218	-.117	.142	.503	-.771	80	268	.022	.043	.168	-.184
80	153	-.263	.089	.068	-.674	80	219	-.106	.131	.681	-.273	80	269	.038	.055	.251	-.124
80	154	-.275	.105	-.032	-.806	80	220	-.202	.141	.762	-.182	80	270	.043	.054	.285	-.131
80	155	-.205	.043	-.081	-.399	80	221	-.296	.131	.729	-.080	80	271	.093	.062	.344	-.062
80	156	-.436	.101	-.166	-1.042	80	222	-.223	.131	.749	-.103	80	272	.094	.063	.418	-.072
80	157	-.446	.115	-.199	-1.129	80	223	-.254	.138	.752	-.090	80	273	.153	.077	.527	-.048
80	158	-.453	.124	.005	-1.331	80	224	-.296	.271	.747	-1.169	80	274	.145	.077	.484	-.024

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	275	-.096	.065	.444	-.048	80	339	-.190	.069	.052	-.566	80	403	-.368	.112	-.099	-.902
80	276	-.021	.046	.197	-.158	80	340	-.276	.118	.001	-.769	80	404	-.235	.070	-.018	-.740
80	277	-.087	.047	.161	-.310	80	341	-.394	.170	.059	-1.005	80	405	-.220	.055	-.022	-.437
80	278	.055	.072	.497	-.157	80	342	-.465	.164	.064	-1.086	80	406	-.215	.043	-.069	-.427
80	279	.061	.068	.441	-.092	80	343	-.395	.210	.478	-1.103	80	407	-.207	.045	-.014	-.439
80	280	.137	.080	.522	-.050	80	344	-.174	.159	.753	-.466	80	408	-.220	.055	-.079	-.626
80	281	.140	.073	.456	-.023	80	345	-.177	.027	-.078	-.291	80	409	-.229	.050	-.054	-.484
80	282	.186	.088	.574	-.011	80	346	-.170	.028	-.076	-.301	80	410	-.228	.049	-.054	-.504
80	283	.203	.090	.673	-.003	80	347	-.174	.033	-.059	-.360	80	411	-.236	.053	-.089	-.529
80	284	.146	.084	.562	-.055	80	348	-.182	.046	-.041	-.409	80	412	-.300	.077	-.007	-.785
80	285	.017	.054	.298	-.121	80	349	-.244	.091	-.056	-.777	80	413	-.208	.047	-.027	-.462
80	286	-.063	.046	.160	-.203	80	350	-.334	.119	-.088	-.983	80	414	-.208	.048	-.061	-.551
80	301	-.279	.094	.044	-.692	80	351	-.388	.125	-.063	-1.527	80	415	-.207	.039	-.049	-.375
80	302	-.343	.145	.160	-.971	80	352	-.359	.179	-.329	-1.074	80	416	-.196	.034	-.074	-.412
80	303	-.175	.043	-.052	-.403	80	353	-.416	.156	-.106	-1.042	80	417	-.195	.034	-.094	-.370
80	304	-.156	.051	.030	-.491	80	354	-.409	.157	.079	-1.115	80	418	-.322	.070	-.106	-.641
80	305	-.158	.061	.037	-.522	80	355	-.120	.112	.650	-.196	80	419	-.240	.053	-.059	-.509
80	306	-.249	.096	.067	-.663	80	356	-.185	.028	-.086	-.287	80	420	-.225	.046	-.044	-.407
80	307	-.282	.134	-.023	-.864	80	357	-.175	.027	-.103	-.272	80	421	-.204	.036	-.039	-.362
80	308	-.438	.143	-.045	-1.004	80	358	-.156	.025	-.076	-.245	80	422	-.208	.040	-.044	-.430
80	309	-.489	.122	-.110	-1.317	80	359	-.149	.033	-.039	-.296	80	423	-.203	.039	-.086	-.382
80	310	-.484	.110	-.062	-1.092	80	360	-.153	.046	-.012	-.382	80	424	-.286	.070	-.022	-.628
80	311	-.267	.115	-.095	-.777	80	361	-.188	.065	.032	-.505	80	425	-.203	.033	-.086	-.360
80	312	-.166	.034	.018	-.355	80	362	-.215	.085	.074	-.676	80	426	-.203	.033	-.091	-.365
80	313	-.158	.037	-.028	-.387	80	363	-.197	.109	.223	-.743	80	427	-.205	.032	-.099	-.357
80	314	-.155	.043	-.023	-.508	80	364	-.291	.124	.047	-.816	80	428	-.204	.033	-.099	-.377
80	315	-.204	.083	.057	-.767	80	365	-.282	.127	.030	-.922	80	429	-.196	.032	-.081	-.345
80	316	-.292	.161	.088	-.980	80	366	-.023	.063	.290	-.147	80	430	-.193	.032	-.066	-.328
80	317	-.103	.141	.658	-.321	80	367	-.156	.026	-.063	-.240	80	431	-.310	.070	-.003	-.581
80	318	-.059	.132	.428	-.561	80	368	-.137	.025	-.051	-.240	80	432	-.240	.052	-.039	-.462
80	319	-.228	.165	.275	-.837	80	369	-.122	.025	-.022	-.211	80	433	-.220	.041	-.069	-.417
80	320	-.422	.167	.108	-1.029	80	370	-.097	.031	.027	-.201	80	434	-.215	.032	-.091	-.345
80	321	-.443	.108	-.023	-.893	80	371	-.064	.043	.157	-.201	80	435	-.209	.034	-.096	-.392
80	322	-.430	.112	-.023	-.934	80	372	-.038	.052	.142	-.196	80	436	-.297	.078	-.071	-.626
80	323	-.258	.144	-.796	-.118	80	373	-.027	.066	.265	-.277	80	437	-.209	.034	-.091	-.390
80	324	-.173	.033	-.057	-.343	80	374	-.014	.070	.304	-.250	80	438	-.204	.032	-.094	-.345
80	325	-.161	.035	.006	-.396	80	375	-.139	.099	.165	-.679	80	439	-.205	.031	-.116	-.328
80	326	-.153	.046	.021	-.416	80	376	-.155	.116	.211	-.765	80	440	-.204	.030	-.081	-.328
80	327	-.206	.082	.069	-.626	80	377	-.045	.061	.265	-.130	80	441	-.204	.029	-.107	-.308
80	328	-.232	.138	.057	-.929	80	378	-.171	.026	-.062	-.250	80	442	-.202	.029	-.112	-.317
80	329	-.250	.141	.105	-.869	80	379	-.135	.025	-.053	-.224	80	443	-.198	.030	-.096	-.305
80	330	-.269	.148	.791	-.122	80	380	-.106	.026	-.003	-.196	80	444	-.197	.029	-.103	-.308
80	331	-.254	.186	.319	-1.009	80	381	-.107	.033	.025	-.201	80	445	-.266	.074	-.035	-.776
80	332	-.443	.190	.294	-1.101	80	382	-.075	.041	.144	-.224	80	446	-.228	.056	-.047	-.466
80	333	-.442	.129	.008	-.970	80	383	-.031	.067	.243	-.282	80	447	-.211	.049	-.010	-.454
80	334	-.435	.133	.338	-1.152	80	384	-.064	.072	.200	-.311	80	448	-.206	.041	-.042	-.401
80	335	-.266	.150	.861	-.108	80	385	-.050	.062	.285	-.114	80	449	-.201	.036	-.059	-.382
80	336	-.178	.033	-.026	-.411	80	386	-.066	.064	.333	-.089	80	450	-.196	.032	-.056	-.331
80	337	-.167	.033	-.033	-.430	80	401	-.284	.080	-.071	-.750	80	451	-.207	.034	-.084	-.329
80	338	-.160	.043	.006	-.408	80	402	-.296	.077	-.071	-.698	80	452	-.221	.033	-.121	-.359

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	453	-.213	.030	-.124	-.350	80	914	-.287	.078	-.005	-.712	90	135	-.230	.035	-.125	-.361
80	454	-.208	.029	-.112	-.326	80	915	-.374	.108	-.009	-.818	90	136	-.347	.067	-.173	-.647
80	455	-.204	.029	-.110	-.301	80	916	-.487	.094	-.190	-.881	90	137	-.351	.066	-.142	-.994
80	456	-.243	.067	-.035	-.550	80	917	-.229	.140	.773	-.223	90	138	-.353	.065	-.149	-.667
80	457	-.202	.060	-.007	-.487	80	918	-.215	.063	.042	-.536	90	139	-.382	.081	-.072	-.749
80	458	-.192	.054	-.024	-.459	80	919	-.278	.141	.829	-.111	90	140	-.358	.079	-.050	-.761
80	459	-.178	.045	-.049	-.408	80	920	-.205	.101	.162	-.604	90	141	-.342	.089	.004	-.679
80	460	-.193	.048	-.049	-.464	80	921	-.478	.095	-.233	-.924	90	142	-.349	.093	.048	-.754
80	461	-.187	.042	-.007	-.371	80	922	-.272	.162	.049	-.729	90	143	-.304	.070	.099	-.635
80	462	-.220	.041	-.012	-.403	80	923	-.348	.123	-.090	-.793	90	144	-.225	.033	-.128	-.408
80	463	-.240	.040	-.124	-.392	80	924	-.488	.092	-.238	-.855	90	145	-.399	.081	-.060	-.788
80	464	-.225	.034	-.138	-.366	80	925	-.226	.055	-.055	-.580	90	146	-.412	.092	-.184	-.801
80	465	-.215	.033	-.094	-.338	80	926	-.208	.047	-.007	-.422	90	147	-.405	.092	-.138	-.852
80	466	-.211	.032	-.110	-.340	80	927	-.297	.139	.112	-.811	90	148	-.404	.103	-.064	-.959
80	467	-.236	.073	-.052	-.641	80	928	-.212	.151	.330	-.792	90	149	-.365	.109	.021	-.793
80	468	-.171	.050	-.005	-.399	80	929	-.420	.179	.175	-1.099	90	150	-.321	.108	.043	-.925
80	469	-.169	.049	-.000	-.415	90	101	-.381	.104	-.044	-.821	90	151	-.327	.121	.031	-1.064
80	470	-.160	.045	-.028	-.608	90	102	-.382	.129	-.011	-1.029	90	152	-.267	.074	.023	-.588
80	471	-.171	.044	-.028	-.366	90	103	-.340	.072	-.163	-.688	90	153	-.281	.082	.053	-.625
80	472	-.175	.044	-.004	-.357	90	104	-.345	.075	-.132	-.834	90	154	-.291	.098	.048	-.718
80	473	-.218	.051	-.053	-.385	90	105	-.359	.097	-.033	-.972	90	155	-.211	.043	-.050	-.467
80	474	-.240	.045	-.105	-.450	90	106	-.366	.103	-.091	-.917	90	156	-.428	.097	-.152	-.961
80	475	-.222	.036	-.103	-.373	90	107	-.332	.098	-.038	-1.216	90	157	-.444	.109	-.191	-1.354
80	476	-.220	.036	-.110	-.333	90	108	-.322	.104	-.005	-.816	90	158	-.449	.112	-.108	-.988
80	477	-.222	.034	-.124	-.378	90	109	-.302	.102	-.026	-1.009	90	159	-.404	.124	-.013	-.961
80	478	-.158	.042	-.027	-.321	90	110	-.309	.104	-.034	-.753	90	160	-.305	.113	.062	-.861
80	479	-.149	.037	-.002	-.324	90	111	-.351	.098	-.013	-.836	90	161	-.253	.095	.043	-.708
80	480	-.175	.042	-.039	-.327	90	112	-.311	.060	-.113	-.611	90	162	-.253	.100	.031	-.888
80	481	-.211	.041	-.032	-.360	90	113	-.319	.065	-.135	-.710	90	163	-.229	.067	-.023	-.513
80	482	-.218	.038	-.050	-.416	90	114	-.347	.078	-.171	-.917	90	164	-.230	.076	-.111	-.637
80	483	-.208	.036	-.110	-.347	90	115	-.378	.104	-.089	-.956	90	165	-.212	.079	.070	-.662
80	801	-.174	.071	-.094	-.501	90	116	-.396	.121	-.079	-1.179	90	166	-.176	.043	.023	-.403
80	802	-.356	.099	-.149	-.889	90	117	-.212	.044	-.079	-.443	90	167	-.427	.116	-.169	-1.354
80	803	-.166	.046	-.043	-.395	90	118	-.312	.061	-.050	-.594	90	168	-.414	.107	-.118	-1.044
80	804	-.180	.040	-.055	-.316	90	119	-.330	.072	-.091	-.676	90	169	-.403	.116	.014	-.988
80	805	-.213	.039	-.029	-.357	90	120	-.313	.068	-.012	-.611	90	170	-.322	.118	.055	-.918
80	806	-.038	.055	-.285	-.101	90	121	-.333	.090	-.050	-.671	90	171	-.215	.088	.067	-.983
80	901	-.317	.088	.014	-.725	90	122	-.342	.097	-.024	-.751	90	172	-.188	.068	.001	-.637
80	902	-.326	.092	.071	-.782	90	123	-.217	.037	-.106	-.358	90	173	-.189	.060	-.001	-.537
80	903	-.379	.113	-.120	-.939	90	124	-.323	.061	-.166	-.621	90	174	-.193	.063	.018	-.510
80	904	-.368	.090	-.131	-.909	90	125	-.329	.059	-.125	-.647	90	175	-.163	.055	.028	-.396
80	905	-.371	.074	-.135	-.635	90	126	-.348	.071	-.147	-.895	90	176	-.160	.055	.031	-.503
80	906	-.261	.100	-.110	-.827	90	127	-.375	.081	-.166	-.852	90	177	-.153	.049	.036	-.586
80	907	-.372	.108	-.043	-.884	90	128	-.348	.073	-.118	-.765	90	178	-.321	.079	-.142	-.806
80	908	-.457	.105	-.140	-.908	90	129	-.367	.087	-.005	-.862	90	179	-.340	.092	.081	-.891
80	909	-.252	.080	-.231	-.616	90	130	-.213	.035	-.082	-.395	90	180	-.310	.108	.079	-1.058
80	910	-.451	.100	-.211	-.870	90	131	-.329	.070	-.072	-.594	90	181	-.207	.086	.105	-.564
80	911	-.261	.031	-.101	-.319	90	132	-.353	.087	-.055	-.760	90	182	-.163	.070	.176	-.607
80	912	-.192	.195	-.371	-.893	90	133	-.322	.082	-.074	-.681	90	183	-.149	.033	-.062	-.341
80	913	-.195	.039	-.068	-.390	90	134	-.225	.092	-.067	-.768	90	184	-.154	.049	-.001	-.433

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	201	-.260	.218	.642	-.964	90	251	.157	.096	.563	-.064	90	315	-.188	.087	.093	-.681
90	202	-.449	.100	-.057	-.841	90	252	.156	.084	.541	-.047	90	316	-.378	.159	.074	-1.008
90	203	-.450	.111	-.036	-1.176	90	253	.112	.082	.513	-.083	90	317	-.128	.148	.739	-.382
90	204	-.170	.143	.730	-.289	90	254	.004	.084	.408	-.257	90	318	-.051	.113	.554	-.331
90	205	-.187	.133	.657	-.157	90	255	-.088	.083	.377	-.383	90	319	-.038	.122	.341	-.579
90	206	-.123	.102	.481	-.119	90	256	-.100	.095	.248	-.605	90	320	-.190	.213	.414	-.989
90	207	-.068	.104	.335	-.241	90	257	-.011	.048	.186	-.192	90	321	-.285	.175	.448	-.885
90	208	-.369	.169	.357	-.958	90	258	-.028	.055	.384	-.138	90	322	-.286	.137	.353	-.846
90	209	-.254	.160	.275	-.731	90	259	-.033	.067	.367	-.166	90	323	-.240	.145	.756	-.130
90	210	-.347	.082	.059	-.792	90	260	.054	.065	.375	-.173	90	324	-.171	.034	.008	-.290
90	211	-.327	.075	.090	-.594	90	261	.069	.067	.377	-.154	90	325	-.142	.033	-.006	-.295
90	212	-.168	.171	.756	-.480	90	262	.088	.073	.467	-.100	90	326	-.098	.048	.110	-.300
90	213	-.085	.155	.601	-.818	90	263	.070	.060	.482	-.109	90	327	-.153	.087	.173	-.739
90	214	-.083	.120	.580	-.434	90	264	.059	.065	.375	-.121	90	328	-.091	.086	.171	-.630
90	215	-.070	.105	.330	-.231	90	265	-.017	.078	.384	-.223	90	329	-.162	.117	.137	-.671
90	216	-.001	.089	.331	-.294	90	266	-.093	.075	.179	-.340	90	330	-.246	.147	.829	-.181
90	217	-.070	.084	.260	-.342	90	267	.010	.063	.301	-.185	90	331	-.003	.165	.603	-.768
90	218	.017	.116	.332	-.388	90	268	.021	.058	.294	-.138	90	332	-.168	.218	.467	-1.013
90	219	.210	.146	.682	-.164	90	269	.059	.059	.332	-.095	90	333	-.237	.164	.387	-.831
90	220	.279	.153	.944	-.129	90	270	.061	.061	.336	-.116	90	334	-.225	.136	.304	-.734
90	221	.293	.147	.903	-.129	90	271	.083	.070	.382	-.066	90	335	-.288	.146	.909	-.053
90	222	.212	.131	.919	-.200	90	272	.104	.068	.422	-.045	90	336	-.178	.031	-.055	-.309
90	223	.230	.137	.730	-.116	90	273	.128	.069	.432	-.069	90	337	-.150	.035	.023	-.263
90	224	.064	.254	.010	-.861	90	274	.127	.076	.539	-.035	90	338	-.113	.043	.118	-.353
90	225	.218	.148	.809	-.304	90	275	.068	.054	.363	-.066	90	339	-.106	.055	.122	-.375
90	226	.197	.131	.715	-.198	90	276	-.042	.041	.182	-.195	90	340	-.181	.085	.098	-.572
90	227	.213	.120	.725	-.175	90	277	-.110	.042	.067	-.269	90	341	-.191	.166	.251	-.834
90	228	.117	.111	.586	-.142	90	278	.076	.078	.416	-.115	90	342	-.236	.170	.254	-.955
90	229	.027	.093	.370	-.218	90	279	.083	.081	.440	-.132	90	343	-.135	.247	.617	-.918
90	230	-.078	.079	.255	-.358	90	280	.123	.086	.572	-.083	90	344	-.235	.152	.757	-.255
90	231	-.049	.193	.867	-1.108	90	281	.124	.083	.540	-.033	90	345	-.187	.030	-.068	-.314
90	232	.181	.142	.715	-.192	90	282	.138	.076	.455	-.036	90	346	-.162	.028	-.073	-.299
90	233	.238	.135	.774	-.154	90	283	.164	.086	.558	-.038	90	347	-.141	.033	.008	-.245
90	234	.263	.145	.789	-.091	90	284	.104	.066	.381	-.056	90	348	-.112	.045	.050	-.301
90	235	.292	.145	.957	-.040	90	285	-.003	.047	.245	-.144	90	349	-.126	.073	.084	-.616
90	236	-.073	.269	.700	-.889	90	286	-.084	.041	.133	-.230	90	350	-.196	.082	-.030	-.687
90	237	.244	.147	.736	-.309	90	301	-.282	.092	-.033	-.817	90	351	-.276	.108	-.009	-.874
90	238	.255	.133	.761	-.177	90	302	-.148	.154	.283	-.735	90	352	-.178	.149	.364	-.790
90	239	.246	.140	.774	-.434	90	303	-.166	.047	-.011	-.368	90	353	-.209	.144	.197	-.788
90	240	.211	.124	.677	-.281	90	304	-.129	.064	.045	-.584	90	354	-.209	.137	.219	-.815
90	241	.197	.118	.670	-.069	90	305	-.117	.065	.139	-.487	90	355	-.126	.123	.622	-.169
90	242	.123	.096	.577	-.154	90	306	-.277	.084	.062	-.584	90	356	-.202	.029	-.117	-.328
90	243	.016	.087	.401	-.221	90	307	-.167	.079	.091	-.637	90	357	-.179	.028	-.088	-.272
90	244	-.090	.077	.275	-.312	90	308	-.257	.133	.042	-.948	90	358	-.134	.029	-.016	-.257
90	245	-.132	.175	.425	-.848	90	309	-.329	.174	.115	-.909	90	359	-.103	.036	.025	-.220
90	246	.066	.104	.513	-.219	90	310	-.431	.140	.132	-1.016	90	360	-.091	.042	.082	-.301
90	247	.136	.110	.718	-.133	90	311	-.293	.100	.060	-.669	90	361	-.111	.057	.104	-.395
90	248	.135	.112	.596	-.161	90	312	-.159	.035	.038	-.288	90	362	-.138	.062	.104	-.537
90	249	.162	.110	.568	-.219	90	313	-.135	.039	.004	-.276	90	363	-.086	.081	.227	-.554
90	250	.182	.103	.651	-.069	90	314	-.115	.044	.125	-.295	90	364	-.150	.103	.188	-.653

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	365	- .136	.099	.151	-.633	90	429	-.216	.032	-.127	-.358	90	479	-.151	.043	.040	-.339
90	366	-.023	.059	.301	-.149	90	430	-.212	.030	-.114	-.318	90	480	-.193	.043	.063	-.323
90	367	-.155	.028	-.048	-.296	90	431	-.339	.070	-.081	-.669	90	481	-.241	.047	-.099	-.435
90	368	-.131	.028	-.029	-.225	90	432	-.258	.049	-.111	-.487	90	482	-.251	.047	-.122	-.461
90	369	-.098	.030	.018	-.193	90	433	-.237	.040	-.096	-.462	90	483	-.237	.042	-.098	-.474
90	370	-.062	.038	.126	-.171	90	434	-.232	.034	-.117	-.358	90	801	-.176	.071	-.033	-.672
90	371	-.028	.049	.195	-.147	90	435	-.229	.033	-.134	-.361	90	802	-.351	.094	-.148	-.953
90	372	.010	.062	.259	-.166	90	436	-.308	.067	-.076	-.676	90	803	-.153	.042	-.003	-.401
90	373	.009	.066	.291	-.311	90	437	-.219	.032	-.096	-.389	90	804	-.202	.046	-.060	-.417
90	374	.017	.067	.409	-.178	90	438	-.231	.036	-.104	-.391	90	805	-.244	.046	-.105	-.453
90	375	-.037	.081	.251	-.441	90	439	-.228	.034	-.099	-.389	90	806	-.058	.067	-.399	-.146
90	376	-.055	.090	.357	-.608	90	440	-.226	.032	-.106	-.358	90	901	-.341	.077	-.081	-.724
90	377	-.057	.064	.296	-.144	90	441	-.230	.032	-.144	-.413	90	902	-.328	.074	-.003	-.672
90	378	-.169	.029	-.069	-.295	90	442	-.223	.030	-.137	-.336	90	903	-.356	.100	-.050	-.846
90	379	-.131	.028	-.019	-.257	90	443	-.214	.031	-.111	-.338	90	904	-.326	.065	-.152	-.736
90	380	-.087	.030	.023	-.198	90	444	-.217	.029	-.121	-.338	90	905	-.323	.068	-.115	-.635
90	381	-.063	.040	.184	-.163	90	445	-.271	.073	-.052	-.692	90	906	-.251	.074	.044	-.633
90	382	-.026	.034	.203	-.173	90	446	-.238	.059	-.050	-.529	90	907	-.374	.101	.019	-.895
90	383	.009	.071	.283	-.271	90	447	-.224	.047	-.064	-.447	90	908	-.374	.083	-.144	-.850
90	384	-.013	.074	.338	-.250	90	448	-.210	.039	-.043	-.402	90	909	-.251	.061	.007	-.515
90	385	.071	.075	.445	-.089	90	449	-.232	.044	-.071	-.421	90	910	-.382	.082	-.106	-.833
90	386	.084	.084	.397	-.097	90	450	-.231	.039	-.097	-.395	90	911	-.236	.036	-.131	-.416
90	401	-.297	.077	-.027	-.684	90	451	-.248	.038	-.144	-.409	90	912	-.263	.169	.274	-.879
90	402	-.308	.068	-.109	-.661	90	452	-.251	.039	-.139	-.399	90	913	-.228	.043	-.102	-.422
90	403	-.438	.131	-.129	-.082	90	453	-.245	.035	-.135	-.399	90	914	-.312	.084	-.062	-.649
90	404	-.243	.064	.015	-.606	90	454	-.237	.034	-.132	-.404	90	915	-.329	.089	-.040	-.688
90	405	-.231	.054	-.056	-.497	90	455	-.232	.035	-.114	-.383	90	916	-.462	.098	-.155	-.879
90	406	-.207	.042	-.094	-.585	90	456	-.225	.062	-.047	-.614	90	917	-.199	.147	.716	-.174
90	407	-.221	.053	-.054	-.555	90	457	-.191	.055	-.007	-.447	90	918	-.246	.062	-.007	-.611
90	408	-.243	.056	-.076	-.530	90	458	-.189	.052	-.033	-.428	90	919	-.278	.148	.874	-.114
90	409	-.243	.049	-.089	-.492	90	459	-.172	.045	-.019	-.465	90	920	-.225	.108	.257	-.635
90	410	-.237	.043	-.101	-.427	90	460	-.215	.061	-.052	-.456	90	921	-.489	.104	-.189	-.974
90	411	-.247	.046	-.099	-.560	90	461	-.216	.046	-.007	-.439	90	922	-.272	.083	.016	-.664
90	412	-.284	.059	-.109	-.603	90	462	-.251	.047	-.097	-.449	90	923	-.264	.111	-.141	-.732
90	413	-.242	.050	-.086	-.479	90	463	-.276	.049	-.154	-.498	90	924	-.496	.112	-.195	-.989
90	414	-.236	.043	-.101	-.419	90	464	-.256	.037	-.168	-.404	90	925	-.245	.050	-.074	-.550
90	415	-.222	.035	-.109	-.364	90	465	-.242	.036	-.144	-.395	90	926	-.212	.043	-.052	-.423
90	416	-.213	.033	-.106	-.356	90	466	-.248	.041	-.135	-.444	90	927	-.368	.125	.032	-.879
90	417	-.214	.033	-.101	-.356	90	467	-.212	.069	-.007	-.602	90	928	-.056	.125	.428	-.705
90	418	-.323	.059	-.099	-.558	90	468	-.162	.048	-.010	-.359	90	929	-.166	.204	.471	-.991
90	419	-.244	.047	-.074	-.432	90	469	-.157	.049	.049	-.380	100	101	-.378	.088	-.048	-.849
90	420	-.233	.043	-.099	-.409	90	470	-.153	.042	.009	-.491	100	102	-.404	.115	-.044	-.931
90	421	-.217	.037	-.094	-.371	90	471	-.169	.054	.038	-.447	100	103	-.342	.060	-.184	-.593
90	422	-.230	.040	-.106	-.462	90	472	-.177	.055	.040	-.399	100	104	-.342	.065	-.184	-.721
90	423	-.218	.038	-.104	-.371	90	473	-.233	.056	-.014	-.439	100	105	-.350	.073	-.172	-.849
90	424	-.302	.064	-.099	-.585	90	474	-.270	.058	-.080	-.503	100	106	-.361	.079	-.099	-.803
90	425	-.226	.036	-.124	-.401	90	475	-.265	.050	-.123	-.522	100	107	-.340	.074	-.077	-.811
90	426	-.228	.036	-.104	-.419	90	476	-.253	.043	-.118	-.496	100	108	-.333	.088	-.072	-.825
90	427	-.230	.033	-.122	-.364	90	477	-.249	.042	-.147	-.409	100	109	-.347	.108	-.038	-.939
90	428	-.218	.030	-.124	-.343	90	478	-.142	.039	.033	-.339	100	110	-.340	.111	-.024	-.895

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	111	-.358	.077	-.124	-.886	100	161	-.235	.094	.031	-.663	100	227	.171	.117	.649	-.206
100	112	-.337	.060	-.150	-.573	100	162	-.236	.103	.026	-.846	100	228	.072	.091	.551	-.144
100	113	-.338	.060	-.176	-.612	100	163	-.218	.070	-.011	-.542	100	229	-.046	.073	.377	-.268
100	114	-.354	.065	-.162	-.646	100	164	-.207	.083	.048	-.618	100	230	-.139	.062	.133	-.329
100	115	-.375	.075	-.143	-.786	100	165	-.210	.088	.036	-.604	100	231	.124	.157	.641	-.599
100	116	-.389	.090	-.193	-.937	100	166	-.181	.044	-.025	-.405	100	232	.244	.156	.857	-.183
100	117	-.218	.050	-.024	-.452	100	167	-.421	.111	-.030	-.087	100	233	.278	.147	.798	-.088
100	118	-.344	.057	-.104	-.605	100	168	-.407	.108	-.084	-.998	100	234	.291	.140	.739	-.024
100	119	-.368	.064	-.186	-.648	100	169	-.398	.112	-.094	-1.172	100	235	.279	.130	.749	-.029
100	120	-.339	.064	-.099	-.774	100	170	-.314	.118	.105	-.886	100	236	.153	.229	.875	-.771
100	121	-.339	.081	-.126	-.728	100	171	-.206	.089	.112	-.692	100	237	.293	.144	.877	-.137
100	122	-.356	.098	-.080	-.786	100	172	-.162	.059	.046	-.449	100	238	.227	.137	.782	-.301
100	123	-.238	.041	-.097	-.416	100	173	-.167	.060	.019	-.486	100	239	.227	.129	.708	-.196
100	124	-.332	.030	-.176	-.503	100	174	-.158	.054	.019	-.435	100	240	.180	.119	.685	-.340
100	125	-.344	.038	-.186	-.578	100	175	-.146	.052	.087	-.447	100	241	.160	.099	.619	-.072
100	126	-.357	.036	-.193	-.665	100	176	-.145	.059	.036	-.594	100	242	.085	.086	.504	-.137
100	127	-.376	.064	-.132	-.670	100	177	-.155	.048	.068	-.334	100	243	-.030	.064	.200	-.269
100	128	-.374	.066	-.140	-.690	100	178	-.334	.086	-.119	-.753	100	244	.140	.061	.321	-.363
100	129	-.370	.072	-.133	-.707	100	179	-.353	.096	-.136	-.753	100	245	-.015	.141	.458	-.683
100	130	-.241	.043	-.094	-.428	100	180	-.352	.104	-.065	-.897	100	246	.101	.097	.482	-.144
100	131	-.374	.074	-.121	-.743	100	181	-.235	.085	.182	-.685	100	247	.130	.098	.532	-.096
100	132	-.385	.081	-.026	-.770	100	182	-.161	.065	.131	-.460	100	248	.160	.107	.646	-.091
100	133	-.344	.077	-.106	-.738	100	183	-.139	.027	-.043	-.275	100	249	.129	.104	.523	-.303
100	134	-.348	.089	-.099	-.748	100	184	-.142	.042	.001	-.436	100	250	.140	.102	.605	-.339
100	135	-.266	.043	-.126	-.462	100	201	-.017	.255	.644	-.964	100	251	.149	.098	.624	-.149
100	136	-.368	.061	-.203	-.670	100	202	-.369	.146	.255	-.881	100	252	.124	.086	.556	-.098
100	137	-.375	.060	-.198	-.603	100	203	-.423	.097	-.122	-.852	100	253	.066	.069	.448	-.101
100	138	-.384	.060	-.191	-.656	100	204	-.206	.143	.731	-.211	100	254	-.043	.063	.330	-.228
100	139	-.397	.075	-.198	-.820	100	205	-.208	.132	.641	-.134	100	255	-.142	.061	.130	-.370
100	140	-.380	.070	-.126	-.699	100	206	-.104	.093	.397	-.103	100	256	-.026	.076	.244	-.483
100	141	-.381	.081	-.129	-.763	100	207	-.035	.096	.515	-.204	100	257	-.003	.043	.181	-.252
100	142	-.382	.087	-.109	-.832	100	208	-.388	.147	.074	-.946	100	258	.024	.052	.224	-.163
100	143	-.341	.068	-.111	-.633	100	209	-.189	.165	.236	-.753	100	259	.028	.051	.280	-.098
100	144	-.254	.038	-.118	-.427	100	210	-.334	.084	.076	-.619	100	260	.030	.061	.316	-.204
100	145	-.412	.080	-.182	-.930	100	211	-.316	.075	.056	-.566	100	261	.049	.064	.342	-.139
100	146	-.414	.078	-.170	-.832	100	212	-.210	.160	.852	-.239	100	262	.050	.065	.383	-.093
100	147	-.433	.080	-.216	-.844	100	213	-.028	.168	.500	-.774	100	263	.052	.063	.359	-.105
100	148	-.428	.099	-.035	-.903	100	214	.047	.109	.431	-.553	100	264	.031	.061	.311	-.120
100	149	-.377	.104	-.028	-.790	100	215	.013	.088	.372	-.232	100	265	-.056	.059	.289	-.243
100	150	-.347	.105	-.006	-.861	100	216	-.072	.074	.215	-.263	100	266	-.132	.063	.232	-.397
100	151	-.348	.123	.038	-1.148	100	217	-.129	.065	.179	-.340	100	267	.034	.070	.414	-.141
100	152	-.299	.072	-.084	-.631	100	218	-.117	.130	.708	-.299	100	268	.051	.063	.422	-.101
100	153	-.291	.079	-.011	-.645	100	219	-.285	.162	.872	-.291	100	269	.075	.068	.426	-.089
100	154	-.297	.092	-.013	-.800	100	220	-.282	.152	.821	-.062	100	270	.087	.068	.419	-.079
100	155	-.229	.048	-.074	-.459	100	221	-.273	.130	.775	-.062	100	271	.095	.072	.463	-.091
100	156	-.450	.096	-.224	-1.089	100	222	-.172	.116	.754	-.114	100	272	.085	.068	.419	-.105
100	157	-.452	.106	-.172	-1.099	100	223	-.197	.124	.652	-.150	100	273	.100	.077	.441	-.069
100	158	-.447	.113	-.114	-.915	100	224	-.245	.181	.824	-.532	100	274	.100	.067	.395	-.069
100	159	-.375	.138	-.003	-.925	100	225	-.117	.139	.610	-.517	100	275	.048	.057	.321	-.086
100	160	-.296	.119	.058	-.763	100	226	-.175	.128	.621	-.270	100	276	-.064	.036	.102	-.209

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	277	.125	.038	.036	-.332	100	341	-.038	.130	.386	-.784	100	405	-.224	.059	-.054	-.594
100	278	.103	.076	.729	-.057	100	342	-.055	.153	.414	-.814	100	406	-.204	.049	-.028	-.469
100	279	.128	.081	.453	-.051	100	343	.125	.206	.701	-.658	100	407	-.238	.057	-.049	-.596
100	280	.132	.082	.485	-.080	100	344	.267	.149	.795	-.067	100	408	-.263	.064	-.018	-.558
100	281	.139	.081	.547	-.043	100	345	.196	.031	-.062	-.310	100	409	-.257	.052	-.036	-.515
100	282	.139	.085	.530	-.031	100	346	.160	.031	-.028	-.310	100	410	-.261	.047	-.132	-.477
100	283	.138	.086	.534	-.038	100	347	.111	.037	-.099	-.229	100	411	-.262	.051	-.122	-.469
100	284	.067	.068	.384	-.083	100	348	-.053	.050	.151	-.181	100	412	-.319	.058	-.150	-.781
100	285	.016	.044	.176	-.216	100	349	-.053	.055	.151	-.271	100	413	-.275	.057	-.099	-.627
100	286	.091	.039	.101	-.244	100	350	.113	.072	.121	-.514	100	414	-.264	.051	-.115	-.475
100	301	.371	.112	.056	-.840	100	351	.191	.093	.084	-.581	100	415	-.246	.037	-.120	-.381
100	302	.151	.179	.265	-.708	100	352	.042	.134	.362	-.610	100	416	-.234	.037	-.125	-.381
100	303	.160	.066	.128	-.423	100	353	.073	.127	.419	-.556	100	417	-.231	.037	-.127	-.393
100	304	.111	.080	.168	-.396	100	354	.086	.111	.384	-.561	100	418	-.354	.055	-.145	-.639
100	305	.041	.093	.295	-.443	100	355	.161	.111	.590	-.077	100	419	-.270	.051	-.115	-.475
100	306	.280	.076	.040	-.582	100	356	.217	.035	-.122	-.382	100	420	-.249	.046	-.069	-.551
100	307	.116	.068	.146	-.452	100	357	.172	.028	-.062	-.276	100	421	-.237	.044	-.112	-.449
100	308	.133	.097	.116	-.793	100	358	.111	.032	.022	-.241	100	422	-.252	.046	-.120	-.469
100	309	.131	.169	.297	-.898	100	359	.059	.041	.106	-.174	100	423	-.238	.042	-.107	-.411
100	310	.231	.219	.366	-.957	100	360	.044	.046	.233	-.253	100	424	-.331	.062	-.120	-.594
100	311	.303	.094	.010	-.755	100	361	.049	.052	.233	-.246	100	425	-.258	.045	-.125	-.439
100	312	.137	.046	.077	-.300	100	362	.080	.057	.116	-.390	100	426	-.254	.039	-.107	-.409
100	313	.096	.057	.170	-.273	100	363	.025	.072	.223	-.529	100	427	-.262	.040	-.145	-.469
100	314	.056	.068	.217	-.242	100	364	.051	.076	.205	-.493	100	428	-.253	.036	-.142	-.414
100	315	.117	.111	.312	-.570	100	365	.051	.070	.181	-.494	100	429	-.240	.035	-.127	-.409
100	316	.282	.165	.219	-.974	100	366	.028	.055	.302	-.139	100	430	-.241	.035	-.135	-.401
100	317	.145	.144	.751	-.259	100	367	.156	.034	-.045	-.278	100	431	-.382	.074	-.137	-.802
100	318	.139	.126	.655	-.185	100	368	.117	.033	.007	-.231	100	432	-.284	.050	-.120	-.601
100	319	.064	.108	.432	-.374	100	369	.068	.044	.136	-.184	100	433	-.268	.043	-.137	-.475
100	320	.051	.178	.547	-.739	100	370	.020	.054	.248	-.164	100	434	-.273	.043	-.160	-.543
100	321	.065	.233	.645	-.810	100	371	.031	.073	.419	-.124	100	435	-.264	.039	-.112	-.444
100	322	.057	.203	.648	-.746	100	372	.044	.071	.374	-.129	100	436	-.342	.066	-.135	-.604
100	323	.208	.135	.741	-.156	100	373	.037	.070	.401	-.159	100	437	-.257	.037	-.112	-.391
100	324	.154	.042	.099	-.322	100	374	.067	.072	.369	-.124	100	438	-.280	.047	-.142	-.530
100	325	.102	.054	.163	-.269	100	375	.022	.070	.381	-.243	100	439	-.270	.041	-.097	-.452
100	326	.032	.076	.366	-.239	100	376	.027	.077	.371	-.474	100	440	-.269	.036	-.153	-.454
100	327	.056	.104	.315	-.580	100	377	.072	.066	.386	-.152	100	441	-.268	.038	-.162	-.487
100	328	.002	.088	.376	-.450	100	378	.165	.034	-.034	-.302	100	442	-.261	.036	-.146	-.430
100	329	.094	.134	.422	-.864	100	379	.117	.032	-.002	-.233	100	443	-.251	.039	-.131	-.442
100	330	.274	.142	.863	-.077	100	380	.063	.038	.107	-.187	100	444	-.247	.036	-.120	-.423
100	331	.153	.151	.709	-.347	100	381	.027	.049	.196	-.148	100	445	-.292	.070	-.091	-.603
100	332	.059	.205	.707	-.761	100	382	.027	.061	.317	-.117	100	446	-.257	.058	-.101	-.535
100	333	.031	.197	.660	-.651	100	383	.052	.070	.367	-.152	100	447	-.256	.055	-.056	-.532
100	334	.004	.186	.675	-.550	100	384	.043	.074	.333	-.202	100	448	-.227	.045	-.044	-.468
100	335	.280	.134	.753	-.028	100	385	.107	.073	.374	-.051	100	449	-.276	.059	-.077	-.518
100	336	.167	.041	.011	-.332	100	386	.136	.082	.551	-.044	100	450	-.270	.050	-.129	-.478
100	337	.117	.054	.177	-.266	100	401	.324	.072	-.087	-.830	100	451	-.286	.051	-.127	-.565
100	338	.057	.059	.219	-.246	100	402	.326	.059	-.153	-.540	100	452	-.297	.047	-.160	-.525
100	339	.023	.068	.253	-.234	100	403	.426	.107	-.173	-.007	100	453	-.286	.045	-.179	-.506
100	340	.134	.089	.221	-.587	100	404	.249	.071	-.008	-.622	100	454	-.275	.042	-.155	-.501

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	455	-.273	.042	-.158	-.463	100	916	-.479	.109	-.069	-.981	110	137	-.363	.062	-.163	-.608
100	456	-.217	.067	-.037	-.473	100	917	-.113	.169	-.678	-.437	110	138	-.365	.066	-.194	-.592
100	457	-.186	.056	-.006	-.475	100	918	-.268	.070	-.023	-.660	110	139	-.391	.070	-.223	-.695
100	458	-.183	.052	-.013	-.392	100	919	-.251	.134	-.836	-.059	110	140	-.376	.066	-.194	-.652
100	459	-.173	.042	-.032	-.395	100	920	-.311	.109	-.097	-.756	110	141	-.375	.079	-.162	-.698
100	460	-.233	.067	-.035	-.603	100	921	-.504	.105	-.204	-1.015	110	142	-.377	.084	-.104	-.745
100	461	-.228	.051	-.048	-.452	100	922	-.339	.093	-.057	-.734	110	143	-.326	.058	-.162	-.633
100	462	-.273	.058	-.072	-.508	100	923	-.322	.109	-.083	-.720	110	144	-.271	.045	-.080	-.497
100	463	-.308	.059	-.155	-.584	100	924	-.527	.108	-.104	-.931	110	145	-.396	.085	-.160	-.808
100	464	-.312	.057	-.181	-.544	100	925	-.261	.051	-.102	-.550	110	146	-.403	.080	-.165	-.749
100	465	-.301	.049	-.146	-.518	100	926	-.208	.052	-.034	-.449	110	147	-.404	.079	-.203	-.732
100	466	-.295	.050	-.165	-.499	100	927	-.402	.097	-.058	-.767	110	148	-.404	.093	-.111	-.839
100	467	-.177	.039	-.010	-.497	100	928	-.036	.106	-.558	-.351	110	149	-.362	.105	-.058	-.793
100	468	-.143	.046	-.032	-.342	100	929	-.098	.173	-.651	-.824	110	150	-.322	.107	-.031	-.786
100	469	-.139	.044	-.044	-.307	110	101	-.339	.083	-.079	-.834	110	151	-.322	.116	-.017	-.856
100	470	-.146	.041	-.037	-.300	110	102	-.337	.088	-.102	-.766	110	152	-.267	.070	-.000	-.609
100	471	-.138	.056	-.113	-.423	110	103	-.347	.065	-.141	-.599	110	153	-.269	.078	-.049	-.631
100	472	-.162	.056	-.082	-.361	110	104	-.346	.064	-.182	-.584	110	154	-.263	.079	-.036	-.762
100	473	-.235	.071	-.011	-.518	110	105	-.330	.060	-.158	-.747	110	155	-.240	.050	-.084	-.473
100	474	-.301	.078	-.039	-.717	110	106	-.357	.070	-.127	-.738	110	156	-.421	.103	-.177	-1.038
100	475	-.312	.063	-.136	-.677	110	107	-.330	.075	-.127	-.807	110	157	-.437	.109	-.165	-1.099
100	476	-.304	.059	-.167	-.606	110	108	-.312	.088	-.040	-.877	110	158	-.415	.118	-.087	-1.055
100	477	-.295	.052	-.148	-.561	110	109	-.285	.100	-.016	-.831	110	159	-.341	.139	-.061	-.922
100	478	-.142	.041	-.000	-.382	110	110	-.295	.114	-.034	-1.078	110	160	-.268	.121	-.076	-.781
100	479	-.154	.043	-.002	-.313	110	111	-.352	.069	-.116	-.683	110	161	-.204	.095	-.100	-.665
100	480	-.189	.048	-.003	-.420	110	112	-.319	.061	-.165	-.611	110	162	-.193	.090	-.064	-.698
100	481	-.250	.051	-.090	-.472	110	113	-.328	.065	-.146	-.659	110	163	-.173	.060	-.034	-.415
100	482	-.290	.052	-.164	-.548	110	114	-.336	.062	-.167	-.580	110	164	-.168	.069	-.083	-.553
100	483	-.277	.048	-.157	-.490	110	115	-.361	.068	-.124	-.699	110	165	-.165	.069	-.030	-.497
100	801	-.177	.070	-.064	-.507	110	116	-.369	.075	-.158	-.676	110	166	-.180	.046	-.048	-.378
100	802	-.363	.097	-.147	-.852	110	117	-.229	.058	-.007	-.589	110	167	-.352	.097	-.138	-.919
100	803	-.151	.043	-.023	-.475	110	118	-.349	.055	-.191	-.539	110	168	-.368	.101	-.094	-.827
100	804	-.199	.053	-.003	-.415	110	119	-.356	.063	-.172	-.666	110	169	-.355	.107	-.072	-.922
100	805	-.279	.055	-.125	-.602	110	120	-.326	.056	-.146	-.560	110	170	-.315	.125	-.049	-.914
100	806	-.078	.063	-.361	-.070	110	121	-.307	.072	-.105	-.654	110	171	-.200	.091	-.124	-.757
100	901	-.384	.070	-.168	-.681	110	122	-.315	.091	-.055	-.922	110	172	-.151	.062	-.051	-.456
100	902	-.362	.064	-.159	-.660	110	123	-.257	.054	-.103	-.632	110	173	-.152	.067	-.136	-.766
100	903	-.355	.072	-.146	-.734	110	124	-.340	.056	-.160	-.544	110	174	-.136	.046	-.039	-.378
100	904	-.336	.058	-.158	-.589	110	125	-.336	.049	-.179	-.551	110	175	-.128	.054	-.119	-.492
100	905	-.289	.061	-.092	-.619	110	126	-.354	.062	-.167	-.563	110	176	-.134	.057	-.059	-.419
100	906	-.282	.077	-.005	-.578	110	127	-.363	.061	-.179	-.623	110	177	-.154	.054	-.049	-.366
100	907	-.379	.085	-.089	-.837	110	128	-.355	.060	-.206	-.640	110	178	-.324	.086	-.115	-.706
100	908	-.290	.081	-.010	-.646	110	129	-.366	.064	-.194	-.680	110	179	-.318	.091	-.053	-.745
100	909	-.245	.065	-.014	-.544	110	130	-.257	.052	-.081	-.481	110	180	-.326	.099	-.087	-.863
100	910	-.302	.076	-.060	-.605	110	131	-.376	.067	-.206	-.644	110	181	-.241	.083	-.092	-.755
100	911	-.270	.042	-.134	-.445	110	132	-.378	.071	-.129	-.759	110	182	-.155	.070	-.132	-.499
100	912	-.324	.138	-.269	-.876	110	133	-.320	.066	-.110	-.565	110	183	-.128	.028	-.023	-.235
100	913	-.250	.046	-.100	-.432	110	134	-.325	.078	-.129	-.755	110	184	-.132	.038	-.011	-.265
100	914	-.346	.078	-.045	-.721	110	135	-.290	.055	-.139	-.539	110	201	-.238	.255	-.630	-.862
100	915	-.277	.069	-.082	-.641	110	136	-.362	.067	-.167	-.611	110	202	-.116	.155	-.343	-.656



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	203	.320	.090	.036	.719	110	253	.030	.068	.355	.181	110	317	.205	.153	.765	.259
110	204	.191	.155	.652	.481	110	254	.081	.053	.236	.262	110	318	.231	.138	.760	.377
110	205	.164	.115	.569	.326	110	255	.164	.058	.117	.362	110	319	.181	.130	.634	.154
110	206	.060	.080	.322	.168	110	256	.030	.052	.205	.228	110	320	.223	.134	.687	.431
110	207	.019	.078	.276	.188	110	257	.004	.041	.229	.119	110	321	.229	.172	.828	.550
110	208	.329	.124	.121	.905	110	258	.014	.043	.219	.135	110	322	.195	.211	.789	.673
110	209	.091	.138	.322	.671	110	259	.018	.045	.226	.119	110	323	.185	.128	.670	.128
110	210	.266	.093	.124	.610	110	260	.002	.053	.269	.262	110	324	.115	.058	.144	.317
110	211	.267	.086	.058	.521	110	261	.014	.056	.291	.185	110	325	.027	.080	.328	.239
110	212	.322	.162	.810	.214	110	262	.015	.047	.255	.102	110	326	.076	.108	.500	.191
110	213	.143	.175	.330	.694	110	263	.008	.048	.229	.105	110	327	.082	.130	.532	.482
110	214	.011	.119	.409	.679	110	264	.017	.049	.253	.157	110	328	.110	.129	.655	.317
110	215	.013	.071	.309	.221	110	265	.085	.058	.219	.309	110	329	.069	.175	.634	.603
110	216	.095	.061	.177	.298	110	266	.151	.064	.110	.381	110	330	.303	.148	.811	.055
110	217	.160	.052	.091	.321	110	267	.106	.076	.405	.066	110	331	.279	.140	.762	.176
110	218	.215	.139	.746	.328	110	268	.102	.073	.355	.100	110	332	.242	.141	.840	.399
110	219	.296	.166	.774	.526	110	269	.104	.072	.400	.062	110	333	.193	.172	.806	.406
110	220	.287	.140	.739	.283	110	270	.113	.074	.398	.043	110	334	.207	.179	.784	.348
110	221	.248	.122	.706	.036	110	271	.082	.066	.372	.114	110	335	.274	.139	.798	.094
110	222	.123	.105	.571	.176	110	272	.070	.066	.407	.093	110	336	.122	.071	.168	.390
110	223	.172	.114	.599	.097	110	273	.079	.067	.445	.071	110	337	.059	.081	.248	.300
110	224	.334	.163	.033	.214	110	274	.083	.065	.364	.081	110	338	.031	.095	.464	.193
110	225	.003	.146	.579	.831	110	275	.023	.050	.288	.109	110	339	.063	.100	.580	.198
110	226	.087	.119	.576	.265	110	276	.066	.035	.122	.197	110	340	.077	.110	.466	.472
110	227	.094	.097	.576	.186	110	277	.124	.039	.048	.302	110	341	.036	.116	.484	.838
110	228	.033	.080	.411	.186	110	278	.131	.084	.440	.068	110	342	.069	.122	.524	.509
110	229	.091	.059	.188	.270	110	279	.150	.088	.560	.019	110	343	.261	.152	.754	.281
110	230	.174	.051	.073	.341	110	280	.117	.086	.507	.091	110	344	.315	.152	.054	.249
110	231	.253	.132	.724	.186	110	281	.115	.080	.437	.088	110	345	.196	.066	.303	.522
110	232	.268	.143	.721	.341	110	282	.112	.075	.477	.051	110	346	.146	.063	.246	.362
110	233	.266	.130	.708	.371	110	283	.120	.077	.580	.059	110	347	.080	.057	.278	.279
110	234	.264	.123	.729	.039	110	284	.060	.058	.348	.098	110	348	.017	.050	.308	.203
110	235	.274	.135	.767	.072	110	285	.028	.040	.200	.150	110	349	.015	.056	.281	.171
110	236	.232	.166	.823	.404	110	286	.092	.038	.066	.257	110	350	.075	.075	.160	.436
110	237	.303	.140	.927	.064	110	301	.434	.106	.059	.923	110	351	.112	.085	.131	.517
110	238	.124	.159	.607	.658	110	302	.364	.175	.261	.914	110	352	.062	.099	.484	.325
110	239	.195	.113	.655	.209	110	303	.169	.083	.195	.472	110	353	.016	.100	.347	.323
110	240	.107	.114	.492	.465	110	304	.124	.116	.284	.479	110	354	.001	.086	.320	.335
110	241	.106	.086	.453	.100	110	305	.047	.111	.454	.566	110	355	.144	.097	.565	.146
110	242	.031	.069	.343	.138	110	306	.240	.088	.076	.562	110	356	.238	.043	.112	.424
110	243	.096	.052	.136	.239	110	307	.039	.085	.309	.290	110	357	.179	.038	.031	.421
110	244	.177	.052	.060	.338	110	308	.023	.092	.352	.552	110	358	.081	.040	.079	.301
110	245	.079	.106	.474	.523	110	309	.053	.131	.466	.620	110	359	.017	.054	.278	.171
110	246	.105	.092	.498	.281	110	310	.047	.209	.588	.783	110	360	.005	.051	.210	.181
110	247	.112	.087	.464	.128	110	311	.281	.100	.130	.810	110	361	.003	.056	.234	.242
110	248	.129	.094	.545	.057	110	312	.095	.060	.149	.312	110	362	.017	.063	.217	.247
110	249	.073	.110	.483	.404	110	313	.043	.072	.292	.360	110	363	.022	.052	.212	.181
110	250	.091	.094	.631	.264	110	314	.021	.092	.360	.339	110	364	.006	.048	.195	.357
110	251	.093	.078	.457	.088	110	315	.003	.126	.461	.547	110	365	.016	.046	.158	.240
110	252	.078	.074	.405	.107	110	316	.162	.196	.428	.853	110	366	.017	.048	.227	.161

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	367	-.150	.042	.016	-.360	110	431	-.380	.066	-.200	-.679	110	481	-.226	.067	-.033	-.479
110	368	-.094	.045	.121	-.269	110	432	-.285	.049	-.087	-.578	110	482	-.293	.070	-.057	-.652
110	369	-.019	.059	.273	-.159	110	433	-.278	.047	-.104	-.583	110	483	-.292	.062	-.124	-.579
110	370	-.048	.081	.445	-.132	110	434	-.296	.055	-.117	-.521	110	801	-.171	.066	-.108	-.588
110	371	-.095	.081	.506	-.095	110	435	-.285	.051	-.127	-.523	110	802	-.326	.095	-.066	-.777
110	372	-.097	.085	.455	-.107	110	436	-.340	.065	-.122	-.649	110	803	-.129	.040	-.064	-.272
110	373	-.087	.085	.462	-.141	110	437	-.273	.044	-.099	-.465	110	804	-.168	.061	-.098	-.402
110	374	-.111	.080	.445	-.073	110	438	-.312	.061	-.142	-.583	110	805	-.298	.071	-.086	-.661
110	375	-.087	.073	.364	-.146	110	439	-.293	.053	-.124	-.588	110	806	-.113	.072	-.381	-.059
110	376	-.090	.080	.396	-.173	110	440	-.312	.054	-.180	-.516	110	901	-.381	.067	-.204	-.724
110	377	-.103	.076	.487	-.102	110	441	-.304	.053	-.157	-.533	110	902	-.357	.062	-.205	-.684
110	378	-.151	.038	-.002	-.310	110	442	-.279	.044	-.148	-.467	110	903	-.354	.069	-.125	-.632
110	379	-.091	.042	.117	-.243	110	443	-.278	.047	-.117	-.456	110	904	-.337	.068	-.162	-.678
110	380	-.016	.061	.273	-.223	110	444	-.276	.045	-.136	-.465	110	905	-.278	.056	-.117	-.501
110	381	-.053	.078	.388	-.136	110	445	-.270	.067	-.080	-.616	110	906	-.263	.083	-.099	-.589
110	382	-.092	.079	.456	-.096	110	446	-.257	.062	-.077	-.627	110	907	-.344	.079	-.112	-.661
110	383	-.114	.090	.437	-.146	110	447	-.244	.058	-.047	-.554	110	908	-.181	.082	-.087	-.565
110	384	-.108	.091	.511	-.166	110	448	-.231	.047	-.077	-.453	110	909	-.223	.081	-.072	-.556
110	385	-.132	.081	.439	-.050	110	449	-.287	.070	-.073	-.698	110	910	-.220	.073	-.024	-.601
110	386	-.140	.085	.522	-.047	110	450	-.288	.061	-.082	-.526	110	911	-.301	.058	-.133	-.666
110	401	-.298	.062	-.102	-.649	110	451	-.314	.063	-.127	-.646	110	912	-.343	.117	-.178	-.871
110	402	-.328	.059	-.142	-.598	110	452	-.337	.065	-.162	-.766	110	913	-.277	.063	-.085	-.620
110	403	-.418	.080	-.195	-.744	110	453	-.336	.071	-.185	-.752	110	914	-.353	.088	-.053	-.706
110	404	-.229	.086	-.009	-.894	110	454	-.316	.059	-.169	-.688	110	915	-.235	.045	-.055	-.526
110	405	-.212	.069	-.018	-.543	110	455	-.307	.052	-.160	-.587	110	916	-.414	.103	-.077	-.844
110	406	-.215	.055	-.047	-.468	110	456	-.181	.057	-.023	-.442	110	917	-.098	.110	-.583	-.230
110	407	-.252	.064	-.008	-.526	110	457	-.164	.054	-.061	-.536	110	918	-.302	.089	-.031	-.801
110	408	-.290	.075	-.054	-.618	110	458	-.161	.047	-.007	-.338	110	919	-.250	.131	-.738	-.024
110	409	-.294	.071	-.079	-.674	110	459	-.175	.042	-.037	-.364	110	920	-.397	.091	-.029	-.730
110	410	-.279	.060	-.064	-.586	110	460	-.203	.063	-.030	-.491	110	921	-.545	.106	-.211	-.927
110	411	-.284	.062	-.127	-.598	110	461	-.215	.057	-.021	-.449	110	922	-.399	.077	-.152	-.708
110	412	-.305	.055	-.119	-.513	110	462	-.248	.064	-.040	-.540	110	923	-.413	.101	-.069	-.749
110	413	-.325	.089	-.137	-.927	110	463	-.322	.079	-.047	-.719	110	924	-.551	.113	-.172	-.045
110	414	-.298	.067	-.097	-.591	110	464	-.348	.079	-.143	-.820	110	925	-.290	.069	-.094	-.729
110	415	-.274	.052	-.145	-.531	110	465	-.344	.071	-.103	-.750	110	926	-.230	.051	-.070	-.432
110	416	-.258	.050	-.107	-.450	110	466	-.334	.066	-.146	-.686	110	927	-.362	.107	-.130	-.699
110	417	-.251	.044	-.112	-.423	110	467	-.144	.044	-.026	-.343	110	928	-.146	.136	-.665	-.206
110	418	-.356	.054	-.210	-.561	110	468	-.122	.046	-.082	-.324	110	929	-.259	.146	-.831	-.280
110	419	-.263	.054	-.089	-.573	110	469	-.124	.044	-.099	-.294	120	101	-.386	.116	-.111	-.869
110	420	-.252	.054	-.087	-.538	110	470	-.149	.049	-.087	-.373	120	102	-.330	.093	-.062	-.742
110	421	-.259	.053	-.079	-.501	110	471	-.147	.050	-.038	-.406	120	103	-.301	.068	-.127	-.628
110	422	-.269	.060	-.117	-.628	110	472	-.150	.051	-.054	-.392	120	104	-.294	.065	-.098	-.614
110	423	-.255	.055	-.074	-.606	110	473	-.187	.079	-.101	-.623	120	105	-.302	.059	-.142	-.597
110	424	-.338	.064	-.114	-.611	110	474	-.268	.092	-.125	-.663	120	106	-.320	.067	-.132	-.623
110	425	-.286	.056	-.140	-.576	110	475	-.341	.100	-.091	-.898	120	107	-.316	.104	-.041	-.035
110	426	-.292	.053	-.107	-.518	110	476	-.329	.076	-.157	-.677	120	108	-.256	.096	-.041	-.924
110	427	-.288	.051	-.152	-.606	110	477	-.338	.079	-.131	-.792	120	109	-.221	.091	-.015	-.823
110	428	-.282	.048	-.135	-.488	110	478	-.126	.036	-.023	-.259	120	110	-.232	.106	-.068	-.155
110	429	-.260	.042	-.145	-.460	110	479	-.140	.044	-.023	-.324	120	111	-.305	.062	-.118	-.602
110	430	-.260	.045	-.119	-.423	110	480	-.164	.055	-.100	-.407	120	112	-.284	.062	-.108	-.539

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	113	-.286	.063	-.106	-.573	120	163	-.152	.059	.048	-.374	120	229	-.103	.053	.110	-.303
120	114	-.290	.059	-.154	-.532	120	164	-.152	.062	.101	-.515	120	230	-.174	.046	.023	-.370
120	115	-.325	.066	-.118	-.688	120	165	-.156	.072	.079	-.578	120	231	-.249	.145	.865	-.140
120	116	-.340	.071	-.166	-.640	120	166	-.166	.050	.004	-.369	120	232	.101	.187	.755	-.617
120	117	-.245	.066	-.017	-.578	120	167	-.380	.100	-.152	-.973	120	233	.089	.203	.699	-.668
120	118	-.299	.033	-.127	-.513	120	168	-.359	.100	-.069	-1.010	120	234	.204	.137	.638	-.508
120	119	-.320	.059	-.156	-.626	120	169	-.358	.117	-.089	-.975	120	235	.233	.135	.720	-.303
120	120	-.288	.059	-.123	-.541	120	170	-.298	.112	-.087	-1.061	120	236	.112	.171	.692	-.806
120	121	-.267	.068	-.091	-.655	120	171	-.196	.089	.079	-.656	120	237	.235	.181	.837	-.653
120	122	-.281	.078	-.082	-.758	120	172	-.150	.061	.070	-.442	120	238	.043	.147	.579	-.602
120	123	-.291	.062	-.091	-.551	120	173	-.148	.052	.048	-.354	120	239	.102	.118	.521	-.536
120	124	-.284	.055	-.108	-.508	120	174	-.142	.049	.040	-.398	120	240	.038	.129	.536	-.510
120	125	-.302	.055	-.144	-.493	120	175	-.127	.049	.091	-.364	120	241	.064	.084	.356	-.229
120	126	-.300	.056	-.156	-.537	120	176	-.132	.048	.060	-.461	120	242	.006	.062	.253	-.231
120	127	-.325	.059	-.178	-.539	120	177	-.137	.040	.014	-.342	120	243	-.100	.052	.146	-.272
120	128	-.317	.051	-.168	-.510	120	178	-.305	.079	-.094	-.841	120	244	-.172	.048	.005	-.331
120	129	-.329	.059	-.173	-.609	120	179	-.331	.087	-.141	-.782	120	245	-.010	.083	.377	-.338
120	130	-.287	.066	-.033	-.669	120	180	-.333	.098	-.055	-.817	120	246	-.004	.101	.361	-.386
120	131	-.343	.063	-.125	-.580	120	181	-.225	.089	-.293	-.584	120	247	-.026	.111	.442	-.489
120	132	-.355	.068	-.173	-.655	120	182	-.146	.064	-.136	-.439	120	248	.052	.110	.456	-.369
120	133	-.305	.063	-.098	-.609	120	183	-.127	.024	-.025	-.253	120	249	.019	.099	.377	-.453
120	134	-.312	.069	-.127	-.821	120	184	-.129	.037	.011	-.305	120	250	.032	.098	.415	-.417
120	135	-.320	.069	-.137	-.700	120	201	-.386	.146	.334	-.911	120	251	.040	.077	.375	-.214
120	136	-.310	.065	-.132	-.592	120	202	-.015	.138	.467	-.529	120	252	.038	.069	.423	-.169
120	137	-.314	.063	-.147	-.823	120	203	-.226	.075	.087	-.553	120	253	.014	.063	.303	-.157
120	138	-.330	.065	-.139	-.590	120	204	-.039	.241	.559	-.872	120	254	-.088	.058	.167	-.281
120	139	-.350	.067	-.180	-.679	120	205	-.047	.149	.406	-.661	120	255	-.166	.055	.098	-.365
120	140	-.341	.065	-.166	-.618	120	206	-.019	.074	.258	-.316	120	256	-.012	.063	.229	-.195
120	141	-.335	.068	-.147	-.693	120	207	-.000	.066	.240	-.255	120	257	-.006	.050	.155	-.315
120	142	-.337	.077	-.145	-.722	120	208	-.275	.094	.100	-.791	120	258	-.001	.050	.205	-.381
120	143	-.309	.058	-.103	-.588	120	209	-.075	.104	.225	-.538	120	259	.012	.051	.210	-.260
120	144	-.290	.057	-.125	-.513	120	210	-.195	.084	.082	-.497	120	260	-.020	.050	.217	-.245
120	145	-.362	.077	-.135	-.683	120	211	-.202	.080	.054	-.508	120	261	-.009	.050	.213	-.195
120	146	-.362	.075	-.128	-.742	120	212	-.240	.165	.832	-.219	120	262	-.010	.050	.217	-.276
120	147	-.366	.077	-.137	-.671	120	213	-.206	.172	.288	-.809	120	263	-.015	.047	.201	-.179
120	148	-.381	.090	-.135	-.754	120	214	-.088	.134	.304	-.686	120	264	-.032	.049	.217	-.171
120	149	-.353	.096	-.008	-.798	120	215	-.041	.060	.225	-.247	120	265	-.102	.051	.096	-.336
120	150	-.286	.100	-.011	-.656	120	216	-.102	.052	.123	-.275	120	266	-.158	.061	.117	-.376
120	151	-.295	.119	.009	-.844	120	217	-.157	.047	.013	-.334	120	267	.101	.085	.396	-.119
120	152	-.229	.079	.001	-.622	120	218	-.263	.156	.850	-.196	120	268	.066	.072	.339	-.224
120	153	-.243	.088	.011	-.634	120	219	-.089	.237	.702	-.890	120	269	.085	.072	.351	-.179
120	154	-.242	.087	.009	-.668	120	220	-.130	.203	.722	-.816	120	270	.082	.080	.382	-.157
120	155	-.238	.060	-.035	-.508	120	221	-.163	.122	.602	-.446	120	271	.043	.069	.306	-.221
120	156	-.384	.095	-.155	-.802	120	222	-.087	.096	.421	-.281	120	272	.046	.065	.337	-.148
120	157	-.402	.102	-.123	-.058	120	223	-.156	.118	.661	-.173	120	273	.040	.065	.306	-.138
120	158	-.410	.113	-.004	-.949	120	224	-.300	.169	.873	-.184	120	274	.062	.074	.389	-.114
120	159	-.367	.121	-.094	-.878	120	225	-.096	.183	.316	-1.066	120	275	.010	.058	.306	-.133
120	160	-.267	.109	-.123	-.695	120	226	-.043	.105	.470	-.395	120	276	-.076	.036	.081	-.221
120	161	-.193	.089	-.072	-.664	120	227	-.041	.096	.472	-.406	120	277	-.127	.039	.029	-.348
120	162	-.188	.098	-.052	-.666	120	228	-.001	.065	.276	-.184	120	278	-.106	.088	.460	-.116

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	279	.102	.081	.490	-.095	120	343	.149	.173	.743	-.840	120	407	-.284	.077	-.014	-.832
120	280	.083	.089	.480	-.216	120	344	.246	.199	.785	-.727	120	408	-.322	.091	-.019	-.923
120	281	.084	.087	.438	-.134	120	345	-.138	.087	.202	-.443	120	409	-.329	.082	-.097	-.782
120	282	.081	.077	.420	-.102	120	346	-.075	.096	.332	-.328	120	410	-.310	.069	-.097	-.621
120	283	.076	.081	.492	-.087	120	347	.020	.101	.421	-.227	120	411	-.319	.069	-.127	-.706
120	284	.041	.061	.334	-.127	120	348	.047	.089	.573	-.163	120	412	-.266	.057	-.052	-.485
120	285	-.046	.042	.148	-.176	120	349	.039	.078	.598	-.175	120	413	-.367	.102	-.107	-.989
120	286	-.094	.039	.049	-.218	120	350	-.005	.078	.527	-.355	120	414	-.339	.085	-.089	-.717
120	301	-.406	.110	.035	-.892	120	351	-.029	.074	.428	-.340	120	415	-.315	.067	-.142	-.701
120	302	-.405	.124	.226	-.881	120	352	.016	.084	.362	-.407	120	416	-.296	.058	-.130	-.578
120	303	-.196	.115	.295	-.554	120	353	-.004	.069	.337	-.296	120	417	-.284	.057	-.137	-.520
120	304	-.154	.138	.329	-.583	120	354	-.024	.072	.266	-.365	120	418	-.306	.053	-.142	-.525
120	305	.006	.170	.451	-.731	120	355	-.046	.126	.586	-.722	120	419	-.250	.057	-.102	-.553
120	306	-.159	.121	.380	-.561	120	356	-.249	.068	.042	-.547	120	420	-.258	.061	-.062	-.565
120	307	.015	.095	.412	-.294	120	357	.194	.052	.017	-.431	120	421	-.276	.060	-.049	-.805
120	308	.048	.112	.434	-.255	120	358	-.095	.042	.037	-.271	120	422	-.318	.077	-.104	-.777
120	309	.146	.143	.618	-.352	120	359	.037	.072	.246	-.367	120	423	-.289	.061	-.082	-.530
120	310	.185	.155	.677	-.517	120	360	-.008	.081	.256	-.399	120	424	-.294	.061	-.084	-.540
120	311	-.247	.131	.349	-.871	120	361	-.003	.068	.248	-.318	120	425	-.338	.078	-.062	-.762
120	312	-.078	.076	.220	-.393	120	362	-.005	.065	.273	-.313	120	426	-.329	.065	-.132	-.616
120	313	-.016	.088	.305	-.313	120	363	-.002	.060	.199	-.242	120	427	-.321	.064	-.145	-.664
120	314	.068	.106	.434	-.318	120	364	-.005	.052	.182	-.274	120	428	-.320	.060	-.132	-.611
120	315	.085	.134	.502	-.666	120	365	-.009	.050	.162	-.254	120	429	-.312	.061	-.137	-.591
120	316	-.027	.195	.638	-.797	120	366	-.003	.053	.280	-.207	120	430	-.305	.058	-.120	-.588
120	317	.239	.171	.886	-.403	120	367	.134	.048	.061	-.313	120	431	-.348	.063	-.185	-.694
120	318	.278	.159	.845	-.225	120	368	.091	.049	.125	-.266	120	432	-.279	.057	-.074	-.565
120	319	.251	.160	.811	-.211	120	369	-.008	.060	.236	-.160	120	433	-.276	.056	-.047	-.560
120	320	.268	.148	.742	-.162	120	370	.061	.078	.421	-.136	120	434	-.344	.072	-.107	-.659
120	321	.269	.170	.786	-.325	120	371	.097	.087	.465	-.072	120	435	-.314	.066	-.140	-.580
120	322	.265	.193	.891	-.454	120	372	.098	.076	.460	-.057	120	436	-.308	.062	-.132	-.586
120	323	.176	.141	.801	-.279	120	373	.078	.076	.340	-.094	120	437	-.286	.061	-.097	-.558
120	324	.074	.071	.227	-.291	120	374	.109	.087	.431	-.086	120	438	-.310	.068	-.069	-.570
120	325	.030	.095	.448	-.250	120	375	.092	.081	.450	-.079	120	439	-.323	.064	-.104	-.596
120	326	.144	.128	.611	-.230	120	376	.081	.075	.450	-.091	120	440	-.328	.064	-.127	-.618
120	327	.171	.157	.706	-.432	120	377	.086	.075	.335	-.089	120	441	-.354	.080	-.173	-.914
120	328	.209	.161	.755	-.291	120	378	-.131	.046	.139	-.286	120	442	-.355	.074	-.142	-.756
120	329	.150	.175	.740	-.622	120	379	-.077	.052	.129	-.241	120	443	-.336	.068	-.149	-.623
120	330	.278	.173	.789	-.262	120	380	.019	.074	.334	-.152	120	444	-.335	.063	-.156	-.616
120	331	.268	.156	.944	-.153	120	381	.083	.082	.429	-.116	120	445	-.233	.070	-.038	-.598
120	332	.263	.148	.832	-.106	120	382	.110	.085	.587	-.081	120	446	-.223	.065	-.001	-.626
120	333	.212	.142	.713	-.272	120	383	.111	.087	.465	-.075	120	447	-.214	.058	-.007	-.468
120	334	.189	.165	.721	-.359	120	384	.098	.079	.508	-.085	120	448	-.237	.057	-.071	-.480
120	335	.229	.141	.750	-.352	120	385	.124	.080	.418	-.060	120	449	-.269	.069	-.060	-.882
120	336	.089	.077	.246	-.318	120	386	.123	.089	.405	-.065	120	450	-.265	.067	-.034	-.534
120	337	.000	.096	.400	-.311	120	401	-.295	.093	-.044	-.019	120	451	-.307	.074	-.067	-.666
120	338	.141	.122	.589	-.167	120	402	-.321	.074	-.074	-.674	120	452	-.374	.088	-.133	-.829
120	339	.172	.139	.701	-.174	120	403	-.392	.079	-.170	-.699	120	453	-.416	.107	-.185	-.968
120	340	.061	.172	.716	-.534	120	404	-.222	.099	.021	-.958	120	454	-.395	.104	-.163	-.921
120	341	.065	.158	.795	-.640	120	405	-.211	.075	-.014	-.749	120	455	-.394	.097	-.185	-.817
120	342	.082	.138	.724	-.569	120	406	-.241	.065	-.064	-.646	120	456	-.165	.057	-.049	-.411

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
120	457	-.142	.053	.058	-.413	120	918	-.339	.102	.056	-.916	130	139	-.300	.063	-.122	-.579
120	458	-.140	.055	.073	-.369	120	919	-.221	.130	.654	-.434	130	140	-.302	.062	-.096	-.596
120	459	-.171	.050	.002	-.390	120	920	-.375	.082	-.077	-.746	130	141	-.285	.058	-.091	-.583
120	460	-.174	.056	.007	-.595	120	921	-.481	.102	-.101	-.863	130	142	-.296	.068	-.086	-.593
120	461	-.174	.052	.011	-.395	120	922	-.366	.073	-.164	-.732	130	143	-.277	.056	-.101	-.532
120	462	-.195	.059	.028	-.489	120	923	-.422	.090	-.104	-.762	130	144	-.283	.071	-.069	-.668
120	463	-.233	.072	.033	-.560	120	924	-.482	.110	-.057	-.936	130	145	-.315	.076	-.113	-.678
120	464	-.301	.086	-.045	-.822	120	925	-.317	.070	-.123	-.678	130	146	-.319	.080	-.106	-.644
120	465	-.341	.096	-.076	-.845	120	926	-.264	.064	-.060	-.539	130	147	-.328	.076	-.135	-.790
120	466	-.369	.106	-.104	-.973	120	927	-.270	.140	-.202	-.813	130	148	-.338	.079	-.118	-.683
120	467	-.156	.055	-.008	-.484	120	928	-.232	.162	-.895	-.203	130	149	-.279	.077	-.040	-.624
120	468	-.135	.042	-.016	-.336	120	929	-.297	.163	-.898	-.215	130	150	-.227	.073	-.013	-.639
120	469	-.133	.043	-.039	-.326	130	101	-.392	.129	-.072	-.968	130	151	-.228	.082	-.058	-.697
120	470	-.137	.037	-.001	-.277	130	102	-.325	.101	-.019	-.741	130	152	-.199	.063	-.006	-.422
120	471	-.142	.045	-.042	-.362	130	103	-.256	.059	-.098	-.567	130	153	-.196	.066	-.004	-.481
120	472	-.142	.041	-.001	-.333	130	104	-.263	.067	-.088	-.545	130	154	-.205	.069	-.028	-.580
120	473	-.161	.052	-.089	-.435	130	105	-.279	.069	-.091	-.596	130	155	-.237	.063	-.059	-.551
120	474	-.205	.068	-.124	-.725	130	106	-.277	.076	-.048	-.636	130	156	-.377	.110	-.059	-.1296
120	475	-.275	.092	-.050	-.824	130	107	-.256	.118	-.015	-1.031	130	157	-.376	.099	-.111	-.970
120	476	-.272	.076	-.029	-.708	130	108	-.204	.087	-.029	-.956	130	158	-.362	.096	-.106	-.858
120	477	-.260	.071	-.078	-.632	130	109	-.207	.074	-.013	-.795	130	159	-.295	.086	-.060	-.702
120	478	-.128	.036	-.025	-.285	130	110	-.217	.087	-.061	-1.127	130	160	-.207	.065	-.028	-.505
120	479	-.134	.039	-.030	-.296	130	111	-.274	.080	-.046	-.794	130	161	-.157	.058	-.048	-.434
120	480	-.146	.043	-.017	-.327	130	112	-.235	.059	-.079	-.461	130	162	-.149	.058	-.038	-.559
120	481	-.175	.052	-.038	-.396	130	113	-.243	.064	-.072	-.562	130	163	-.132	.049	-.034	-.383
120	482	-.217	.061	-.120	-.509	130	114	-.254	.061	-.110	-.550	130	164	-.132	.052	-.050	-.347
120	483	-.224	.054	-.067	-.512	130	115	-.293	.073	-.109	-.622	130	165	-.141	.055	-.062	-.429
120	801	-.165	.067	-.053	-.582	130	116	-.291	.081	-.160	-.644	130	166	-.180	.051	-.013	-.395
120	802	-.341	.095	-.110	-.851	130	117	-.288	.072	-.033	-.641	130	167	-.355	.099	-.118	-.853
120	803	-.134	.037	-.020	-.298	130	118	-.246	.054	-.064	-.524	130	168	-.342	.090	-.093	-.858
120	804	-.152	.046	-.015	-.329	130	119	-.276	.061	-.127	-.617	130	169	-.320	.092	-.013	-.926
120	805	-.224	.063	-.038	-.517	130	120	-.237	.052	-.076	-.471	130	170	-.226	.090	-.055	-.675
120	806	-.110	.083	-.409	-.086	130	121	-.236	.051	-.079	-.519	130	171	-.158	.061	-.067	-.471
120	901	-.349	.061	-.163	-.602	130	122	-.248	.058	-.031	-.528	130	172	-.135	.048	-.043	-.349
120	902	-.314	.059	-.114	-.576	130	123	-.307	.067	-.057	-.603	130	173	-.136	.045	-.009	-.371
120	903	-.309	.064	-.106	-.610	130	124	-.261	.058	-.093	-.497	130	174	-.140	.038	-.023	-.320
120	904	-.297	.065	-.131	-.792	130	125	-.254	.056	-.117	-.466	130	175	-.128	.037	-.038	-.279
120	905	-.233	.047	-.072	-.431	130	126	-.266	.059	-.100	-.579	130	176	-.125	.041	-.038	-.266
120	906	-.188	.084	-.193	-.643	130	127	-.286	.060	-.091	-.540	130	177	-.143	.038	-.014	-.339
120	907	-.338	.101	-.036	-.727	130	128	-.275	.056	-.141	-.533	130	178	-.270	.057	-.074	-.562
120	908	-.119	.065	-.111	-.467	130	129	-.278	.064	-.108	-.603	130	179	-.280	.069	-.113	-.596
120	909	-.168	.083	-.448	-.508	130	130	-.296	.072	-.015	-.612	130	180	-.273	.068	-.006	-.579
120	910	-.168	.061	-.036	-.423	130	131	-.296	.059	-.120	-.536	130	181	-.180	.064	-.036	-.435
120	911	-.332	.072	-.087	-.681	130	132	-.305	.057	-.139	-.552	130	182	-.133	.050	-.077	-.313
120	912	-.329	.095	-.070	-.700	130	133	-.268	.053	-.098	-.531	130	183	-.126	.020	-.057	-.203
120	913	-.313	.073	-.062	-.626	130	134	-.270	.057	-.074	-.514	130	184	-.128	.029	-.018	-.252
120	914	-.321	.093	-.062	-.885	130	135	-.328	.083	-.079	-.829	130	201	-.436	.095	-.038	-.900
120	915	-.231	.060	-.008	-.559	130	136	-.278	.063	-.091	-.533	130	202	-.138	.154	-.426	-.610
120	916	-.276	.131	-.182	-.829	130	137	-.272	.061	-.124	-.555	130	203	-.168	.067	-.136	-.454
120	917	-.069	.092	-.518	-.286	130	138	-.287	.060	-.141	-.641	130	204	-.354	.173	-.327	-.866

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	205	.227	.191	.265	-.976	130	255	-.186	.053	.013	-.403	130	319	.267	.159	1.061	-.121
130	206	-.098	.105	.155	-.656	130	256	-.071	.051	.142	-.272	130	320	.313	.162	.961	-.131
130	207	-.058	.071	.153	-.587	130	257	-.089	.079	.108	-.528	130	321	.292	.168	.859	-.155
130	208	-.258	.083	.020	-.710	130	258	-.076	.070	.111	-.650	130	322	.235	.155	.759	-.282
130	209	-.108	.070	.153	-.477	130	259	-.035	.053	.228	-.344	130	323	.134	.148	.720	-.365
130	210	-.156	.067	.043	-.487	130	260	-.081	.058	.111	-.504	130	324	-.057	.081	.269	-.321
130	211	-.152	.065	.096	-.415	130	261	-.068	.046	.101	-.370	130	325	.059	.102	.432	-.197
130	212	-.240	.162	.746	-.246	130	262	-.057	.042	.218	-.272	130	326	.177	.123	.588	-.119
130	213	-.306	.153	.191	-.658	130	263	-.055	.038	.099	-.291	130	327	.258	.150	.879	-.329
130	214	-.168	.115	.166	-.653	130	264	-.072	.042	.171	-.222	130	328	.263	.156	.866	-.138
130	215	-.090	.045	.112	-.252	130	265	-.130	.051	.168	-.432	130	329	.240	.154	.893	-.241
130	216	-.136	.043	.063	-.321	130	266	-.176	.057	.049	-.432	130	330	.155	.207	.810	-.704
130	217	-.161	.044	-.024	-.354	130	267	-.012	.053	.264	-.133	130	331	.310	.168	1.003	-.114
130	218	-.284	.154	.849	-.124	130	268	-.023	.064	.300	-.281	130	332	.270	.145	.840	-.177
130	219	-.224	.160	.447	-.891	130	269	-.020	.060	.209	-.241	130	333	.210	.138	.749	-.136
130	220	-.209	.195	.433	-.960	130	270	-.007	.062	.340	-.224	130	334	.148	.129	.630	-.204
130	221	-.041	.194	.429	-.871	130	271	-.043	.058	.163	-.246	130	335	.156	.164	.615	-.663
130	222	-.016	.102	.526	-.472	130	272	-.020	.053	.199	-.229	130	336	.067	.086	.408	-.351
130	223	.111	.116	.680	-.454	130	273	-.023	.051	.194	-.176	130	337	.030	.091	.444	-.219
130	224	.281	.155	.936	-.142	130	274	-.026	.045	.149	-.148	130	338	.163	.105	.613	-.094
130	225	-.186	.177	.114	-.114	130	275	-.041	.040	.171	-.253	130	339	.245	.138	.791	-.109
130	226	-.037	.085	.322	-.431	130	276	-.091	.034	.065	-.222	130	340	.224	.160	.881	-.511
130	227	-.077	.088	.268	-.438	130	277	-.130	.040	.034	-.423	130	341	.178	.180	.848	-.653
130	228	-.066	.054	.178	-.254	130	278	-.035	.066	.441	-.145	130	342	.146	.177	.771	-.562
130	229	-.136	.043	.079	-.326	130	279	-.024	.058	.303	-.097	130	343	.097	.148	.571	-.804
130	230	-.178	.043	-.034	-.359	130	280	-.033	.064	.335	-.312	130	344	.015	.278	.853	-.182
130	231	.299	.159	.013	-.075	130	281	-.031	.056	.268	-.215	130	345	.121	.085	.236	-.416
130	232	-.172	.153	.462	-.914	130	282	-.016	.050	.241	-.144	130	346	-.034	.083	.334	-.347
130	233	-.186	.162	.485	-.948	130	283	-.018	.048	.261	-.144	130	347	.053	.088	.495	-.206
130	234	.027	.210	.565	-.843	130	284	-.026	.045	.219	-.141	130	348	.113	.102	.500	-.137
130	235	.172	.149	.895	-.346	130	285	-.077	.035	.068	-.180	130	349	.125	.111	.618	-.145
130	236	.066	.158	.641	-.712	130	286	-.113	.035	.024	-.243	130	350	.051	.088	.507	-.229
130	237	.013	.219	.810	-.830	130	301	-.437	.108	.117	-.864	130	351	.020	.084	.529	-.305
130	238	-.092	.138	.311	-.779	130	302	-.417	.098	.100	-.996	130	352	-.078	.077	.211	-.424
130	239	-.064	.135	.329	-.687	130	303	-.221	.145	.374	-.636	130	353	-.009	.101	.418	-.399
130	240	-.088	.103	.296	-.579	130	304	-.217	.146	.398	-.609	130	354	-.016	.071	.312	-.261
130	241	-.028	.066	.321	-.270	130	305	-.028	.201	.618	-.687	130	355	-.130	.130	.300	-.863
130	242	-.052	.056	.209	-.238	130	306	-.133	.136	.444	-.538	130	356	-.245	.073	.139	-.542
130	243	-.134	.046	.142	-.329	130	307	-.020	.102	.376	-.238	130	357	-.202	.061	.026	-.461
130	244	-.179	.046	.027	-.368	130	308	-.073	.110	.457	-.312	130	358	-.116	.042	.063	-.360
130	245	-.069	.059	.132	-.368	130	309	-.171	.135	.662	-.207	130	359	-.092	.064	.149	-.444
130	246	-.170	.107	.123	-.690	130	310	-.193	.147	.718	-.312	130	360	-.082	.075	.255	-.374
130	247	-.162	.113	.209	-.853	130	311	-.277	.152	.226	-.819	130	361	-.073	.060	.154	-.372
130	248	-.112	.106	.182	-.595	130	312	-.048	.098	.384	-.431	130	362	-.073	.056	.115	-.337
130	249	-.116	.100	.302	-.719	130	313	-.004	.101	.418	-.336	130	363	-.068	.055	.119	-.320
130	250	-.092	.079	.185	-.506	130	314	-.076	.120	.527	-.248	130	364	-.070	.055	.129	-.285
130	251	-.050	.070	.269	-.490	130	315	-.110	.128	.581	-.412	130	365	-.065	.060	.186	-.355
130	252	-.046	.053	.194	-.253	130	316	-.099	.160	.586	-.492	130	366	-.045	.068	.305	-.424
130	253	-.058	.057	.192	-.284	130	317	-.159	.170	.883	-.407	130	367	-.140	.046	.127	-.423
130	254	-.127	.055	.149	-.322	130	318	-.294	.161	.859	-.133	130	368	-.103	.051	.073	-.293

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	369	.034	.054	.198	-.184	130	433	-.268	.070	-.026	-.595	130	483	-.194	.041	-.052	-.435
130	370	.030	.057	.426	-.113	130	434	-.342	.087	-.044	-.688	130	801	-.145	.050	-.018	-.366
130	371	.053	.059	.381	-.081	130	435	-.326	.079	-.034	-.713	130	802	-.288	.068	-.057	-.718
130	372	.053	.066	.344	-.085	130	436	-.283	.058	-.054	-.577	130	803	-.133	.030	-.038	-.258
130	373	.041	.059	.280	-.140	130	437	-.280	.066	-.077	-.615	130	804	-.145	.035	-.004	-.282
130	374	.013	.057	.290	-.140	130	438	-.324	.086	-.011	-.673	130	805	-.181	.037	-.038	-.385
130	375	.016	.057	.280	-.123	130	439	-.322	.088	-.039	-.756	130	806	-.096	.057	-.238	-.126
130	376	.006	.054	.302	-.135	130	440	-.345	.082	-.094	-.756	130	901	-.310	.060	-.152	-.607
130	377	.011	.055	.233	-.182	130	441	-.405	.094	-.025	-.862	130	902	-.274	.062	-.093	-.495
130	378	.139	.047	.077	-.334	130	442	-.407	.087	-.173	-.878	130	903	-.288	.079	-.068	-.668
130	379	.090	.055	.185	-.238	130	443	-.387	.079	-.147	-.683	130	904	-.255	.063	-.095	-.547
130	380	.013	.054	.301	-.154	130	444	-.372	.076	-.133	-.746	130	905	-.212	.049	-.074	-.442
130	381	.046	.058	.310	-.096	130	445	-.202	.061	-.008	-.477	130	906	-.169	.071	-.255	-.490
130	382	.069	.065	.383	-.067	130	446	-.205	.065	.011	-.513	130	907	-.321	.111	-.024	-.802
130	383	.065	.060	.350	-.084	130	447	-.210	.061	.147	-.475	130	908	-.145	.082	-.217	-.492
130	384	.055	.055	.362	-.078	130	448	-.247	.059	.022	-.593	130	909	-.174	.067	.113	-.466
130	385	.039	.062	.388	-.086	130	449	-.252	.073	.055	-.584	130	910	-.195	.062	.037	-.432
130	386	.015	.049	.247	-.078	130	450	-.258	.075	.027	-.640	130	911	-.329	.082	-.057	-.681
130	401	.334	.130	.044	-1.093	130	451	-.303	.098	.070	-.690	130	912	-.345	.107	-.038	-.902
130	402	.361	.097	.011	-1.786	130	452	-.396	.117	.058	-.935	130	913	-.330	.079	-.009	-.686
130	403	.402	.084	.155	-.872	130	453	-.469	.126	.084	-1.065	130	914	-.346	.095	-.025	-.912
130	404	.256	.096	.031	-.962	130	454	-.478	.122	.157	-1.440	130	915	-.322	.096	-.025	-.904
130	405	.247	.077	.024	-.673	130	455	-.474	.118	.190	-1.352	130	916	-.227	.113	.123	-.619
130	406	.274	.072	.001	-.660	130	456	-.137	.047	.027	-.345	130	917	-.005	.105	.486	-.412
130	407	.311	.089	.057	-.854	130	457	-.131	.051	.039	-.435	130	918	-.381	.124	.021	-1.058
130	408	.383	.119	.024	-1.121	130	458	-.139	.052	.095	-.388	130	919	-.029	.192	.741	-.693
130	409	.374	.092	.110	-.917	130	459	-.184	.055	-.029	-.463	130	920	-.367	.077	-.145	-.916
130	410	.359	.072	.162	-.713	130	460	-.173	.048	.006	-.470	130	921	-.461	.096	-.162	-.873
130	411	.362	.074	.120	-.706	130	461	-.168	.049	.011	-.386	130	922	-.362	.068	-.152	-.656
130	412	.216	.055	.024	-.424	130	462	-.185	.058	.027	-.588	130	923	-.436	.084	-.198	-.837
130	413	.420	.134	.016	-1.272	130	463	-.213	.067	.055	-.513	130	924	-.457	.097	-.170	-.912
130	414	.387	.107	.102	-1.166	130	464	-.258	.085	.060	-.664	130	925	-.347	.071	-.107	-.636
130	415	.364	.091	.132	-1.048	130	465	-.372	.140	.048	-1.069	130	926	-.315	.071	-.055	-.654
130	416	.337	.068	.147	-.683	130	466	-.416	.136	-.103	-1.350	130	927	-.262	.171	-.347	-1.026
130	417	.338	.070	.147	-.910	130	467	-.147	.041	.022	-.374	130	928	-.282	.160	-.837	-.181
130	418	.257	.052	.102	-.515	130	468	-.137	.042	.037	-.404	130	929	-.368	.163	-.935	-.125
130	419	.266	.075	.006	-.625	130	469	-.139	.036	.020	-.289	140	101	-.295	.102	-.003	-.791
130	420	.257	.064	.021	-.735	130	470	-.142	.034	.015	-.322	140	102	-.266	.085	-.004	-.714
130	421	.290	.063	.067	-.520	130	471	-.146	.036	.001	-.409	140	103	-.239	.063	-.047	-.516
130	422	.345	.084	.072	-.586	130	472	-.145	.038	.020	-.324	140	104	-.233	.060	-.057	-.581
130	423	.308	.065	.049	-.585	130	473	-.154	.039	.004	-.383	140	105	-.251	.069	-.021	-.648
130	424	.265	.060	.059	-.317	130	474	-.172	.038	-.008	-.371	140	106	-.235	.060	-.014	-.722
130	425	.371	.101	.034	-.877	130	475	-.213	.052	.041	-.527	140	107	-.193	.073	-.030	-.857
130	426	.364	.083	.099	-.683	130	476	-.238	.059	-.065	-.595	140	108	-.193	.066	-.082	-.676
130	427	.332	.083	.034	-.784	130	477	-.229	.055	.098	-.499	140	109	-.191	.064	-.094	-.502
130	428	.381	.081	.150	-.877	130	478	-.127	.029	-.022	-.227	140	110	-.202	.073	-.089	-.669
130	429	.356	.069	.162	-.751	130	479	-.136	.031	.022	-.255	140	111	-.226	.073	-.017	-.824
130	430	.347	.068	.145	-.655	130	480	-.142	.034	-.001	-.278	140	112	-.198	.047	-.042	-.387
130	431	.301	.059	.155	-.560	130	481	-.154	.033	-.004	-.303	140	113	-.204	.047	-.049	-.432
130	432	.267	.066	.021	-.613	130	482	-.180	.040	-.035	-.388	140	114	-.232	.056	-.078	-.542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	115	.231	.071	.039	.686	140	165	.139	.047	.003	.411	140	231	.253	.159	.812	.092
140	116	.237	.073	.033	.583	140	166	.192	.052	.063	.448	140	232	.325	.115	.116	.901
140	117	.308	.078	.090	.863	140	167	.304	.085	.070	.695	140	233	.333	.124	.253	.941
140	118	.203	.043	.040	.485	140	168	.283	.072	.063	.620	140	234	.283	.178	.485	.913
140	119	.215	.043	.064	.521	140	169	.274	.080	.033	.644	140	235	.195	.198	.474	.944
140	120	.195	.042	.037	.380	140	170	.218	.080	.068	.566	140	236	.050	.182	.657	-1.241
140	121	.214	.053	.006	.478	140	171	.167	.065	.037	.404	140	237	.293	.174	.472	-1.038
140	122	.221	.056	.063	.521	140	172	.134	.049	.017	.336	140	238	.343	.145	.111	-1.106
140	123	.328	.077	.097	.734	140	173	.134	.047	.020	.348	140	239	.284	.148	.162	-1.048
140	124	.209	.042	.085	.406	140	174	.134	.039	.063	.290	140	240	.220	.111	.070	.751
140	125	.214	.043	.076	.375	140	175	.120	.042	.073	.336	140	241	.121	.070	.188	.538
140	126	.231	.044	.095	.389	140	176	.121	.043	.017	.310	140	242	.126	.046	.133	.348
140	127	.234	.043	.083	.430	140	177	.158	.049	.021	.433	140	243	.164	.039	.029	.357
140	128	.218	.041	.034	.382	140	178	.237	.050	.075	.492	140	244	.180	.037	.014	.329
140	129	.222	.044	.064	.437	140	179	.246	.057	.070	.480	140	245	.086	.069	.328	.497
140	130	.298	.076	.047	.667	140	180	.233	.065	.109	.470	140	246	.350	.165	.003	-1.249
140	131	.241	.044	.095	.495	140	181	.179	.061	.048	.380	140	247	.378	.172	.016	-1.297
140	132	.249	.045	.109	.435	140	182	.144	.049	.045	.331	140	248	.137	.132	.414	.621
140	133	.226	.050	.037	.459	140	183	.126	.022	.050	.197	140	249	.197	.104	.100	.802
140	134	.226	.054	.015	.521	140	184	.126	.032	.011	.250	140	250	.157	.076	.064	.681
140	135	.289	.079	.022	.729	140	201	.411	.085	.145	.822	140	251	.112	.047	.078	.440
140	136	.225	.045	.064	.418	140	202	.338	.107	.169	.810	140	252	.099	.040	.104	.348
140	137	.219	.042	.109	.392	140	203	.214	.094	.152	.834	140	253	.118	.039	.121	.272
140	138	.245	.042	.124	.451	140	204	.407	.105	.066	.870	140	254	.158	.040	.031	.352
140	139	.254	.044	.052	.428	140	205	.400	.112	.053	.845	140	255	.192	.041	.065	.390
140	140	.228	.041	.071	.447	140	206	.353	.124	.003	.720	140	256	.097	.039	.064	.317
140	141	.220	.041	.050	.385	140	207	.209	.112	.139	.692	140	257	.162	.086	.145	.659
140	142	.218	.044	.082	.404	140	208	.243	.092	.086	.657	140	258	.128	.068	.142	.414
140	143	.224	.045	.075	.428	140	209	.166	.075	.106	.611	140	259	.058	.049	.183	.276
140	144	.274	.078	.009	.598	140	210	.180	.062	.045	.430	140	260	.169	.069	.023	.609
140	145	.247	.054	.092	.450	140	211	.176	.062	.040	.522	140	261	.130	.051	.038	.376
140	146	.265	.058	.109	.499	140	212	.171	.153	.683	.258	140	262	.092	.033	.033	.281
140	147	.265	.056	.113	.511	140	213	.244	.147	.147	.045	140	263	.090	.033	.040	.207
140	148	.271	.055	.077	.549	140	214	.169	.079	.113	.646	140	264	.099	.034	.050	.241
140	149	.208	.051	.002	.411	140	215	.142	.048	.003	.428	140	265	.133	.041	.066	.371
140	150	.163	.045	.022	.363	140	216	.159	.043	.006	.430	140	266	.164	.046	.038	.360
140	151	.169	.053	.071	.387	140	217	.172	.040	.034	.387	140	267	.026	.037	.119	.153
140	152	.168	.053	.014	.460	140	218	.230	.160	.779	.230	140	268	.076	.038	.052	.291
140	153	.172	.055	.003	.445	140	219	.360	.107	.030	.862	140	269	.072	.035	.050	.324
140	154	.179	.057	.003	.470	140	220	.368	.115	.248	-1.129	140	270	.053	.034	.100	.172
140	155	.223	.053	.077	.518	140	221	.325	.168	.228	.893	140	271	.119	.043	.028	.329
140	156	.287	.082	.084	.709	140	222	.203	.135	.253	.743	140	272	.100	.032	.014	.255
140	157	.300	.084	.084	.988	140	223	.095	.155	.434	.918	140	273	.090	.027	.010	.186
140	158	.307	.073	.092	.629	140	224	.231	.156	.861	.143	140	274	.082	.028	.023	.172
140	159	.257	.066	.046	.685	140	225	.232	.135	.185	-1.005	140	275	.087	.032	.085	.203
140	160	.189	.055	.019	.414	140	226	.185	.119	.167	.631	140	276	.107	.036	.045	.257
140	161	.142	.043	.022	.329	140	227	.158	.081	.086	.573	140	277	.133	.036	.023	.248
140	162	.138	.045	.015	.431	140	228	.135	.051	.065	.448	140	278	.017	.044	.224	.165
140	163	.132	.043	.076	.329	140	229	.161	.039	.058	.443	140	279	.027	.034	.097	.173
140	164	.133	.045	.010	.353	140	230	.179	.037	.034	.357	140	280	.108	.045	.025	.548



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	281	-.095	.038	.042	-.314	140	345	-.076	.098	.430	-.395	140	409	-.410	.097	-.156	-.864
140	282	-.077	.030	.040	-.200	140	346	-.017	.103	.439	-.292	140	410	-.396	.086	-.186	-.841
140	283	-.074	.027	.035	-.148	140	347	-.093	.104	.516	-.209	140	411	-.402	.080	-.206	-.859
140	284	-.079	.030	.067	-.173	140	348	-.110	.101	.619	-.140	140	412	-.182	.047	-.006	-.389
140	285	-.110	.028	.009	-.235	140	349	.125	.105	.584	-.142	140	413	-.441	.152	-.044	-1.189
140	286	-.130	.034	.081	-.246	140	350	.066	.096	.508	-.150	140	414	-.422	.112	-.049	-.999
140	301	-.445	.120	.103	-.930	140	351	-.027	.090	.530	-.218	140	415	-.406	.091	-.089	-.944
140	302	-.411	.093	.072	-.862	140	352	-.092	.084	.336	-.425	140	416	-.397	.077	-.171	-.751
140	303	-.229	.167	.512	-.686	140	353	-.002	.131	.545	-.483	140	417	-.380	.080	-.151	-.771
140	304	-.226	.172	.449	-.657	140	354	-.022	.088	.403	-.425	140	418	-.212	.042	-.049	-.444
140	305	-.173	.232	.519	-.807	140	355	-.184	.190	.560	-.945	140	419	-.238	.078	-.019	-.654
140	306	-.093	.144	.504	-.538	140	356	-.194	.091	.179	-.601	140	420	-.243	.077	-.081	-.604
140	307	-.005	.098	.473	-.249	140	357	-.167	.068	.125	-.486	140	421	-.291	.083	-.016	-.681
140	308	-.048	.117	.582	-.271	140	358	-.100	.042	.076	-.370	140	422	-.366	.103	-.084	-.979
140	309	-.096	.133	.534	-.303	140	359	-.063	.047	.162	-.336	140	423	-.331	.075	-.044	-.701
140	310	-.059	.140	.553	-.422	140	360	-.075	.055	.113	-.348	140	424	-.211	.045	-.011	-.441
140	311	-.248	.171	.379	-.956	140	361	-.078	.045	.123	-.272	140	425	-.392	.125	-.031	-1.021
140	312	-.007	.104	.432	-.400	140	362	-.085	.042	.084	-.263	140	426	-.373	.103	-.056	-.971
140	313	-.052	.122	.517	-.276	140	363	-.104	.043	.098	-.400	140	427	-.418	.104	-.044	-.934
140	314	-.089	.127	.604	-.274	140	364	-.097	.048	.113	-.326	140	428	-.418	.087	-.109	-.826
140	315	-.097	.136	.742	-.281	140	365	-.104	.059	.150	-.378	140	429	-.393	.072	-.194	-.726
140	316	-.121	.151	.764	-.548	140	366	-.045	.066	.246	-.363	140	430	-.394	.074	-.191	-.929
140	317	-.059	.191	.662	-.710	140	367	-.092	.052	.142	-.259	140	431	-.244	.044	-.099	-.481
140	318	-.232	.167	.781	-.310	140	368	-.052	.056	.211	-.260	140	432	-.242	.079	-.041	-.699
140	319	-.242	.165	.912	-.143	140	369	-.018	.065	.292	-.167	140	433	-.248	.078	-.111	-.786
140	320	-.276	.156	.955	-.116	140	370	-.054	.061	.309	-.108	140	434	-.334	.107	-.081	-.901
140	321	-.201	.149	.776	-.223	140	371	-.051	.057	.322	-.101	140	435	-.288	.077	-.004	-.654
140	322	-.084	.130	.560	-.329	140	372	-.019	.043	.201	-.105	140	436	-.231	.047	-.049	-.449
140	323	-.110	.186	.599	-.911	140	373	-.006	.039	.192	-.105	140	437	-.258	.066	-.069	-.544
140	324	-.001	.102	.439	-.312	140	374	-.030	.035	.147	-.157	140	438	-.293	.092	-.091	-.851
140	325	-.106	.120	.553	-.228	140	375	-.013	.040	.150	-.167	140	439	-.293	.091	-.044	-.761
140	326	-.217	.140	.757	-.106	140	376	-.025	.038	.125	-.177	140	440	-.339	.099	-.039	-.784
140	327	-.258	.150	.849	-.077	140	377	-.054	.035	.101	-.206	140	441	-.410	.105	-.079	-.881
140	328	-.258	.159	.839	-.240	140	378	-.093	.050	.120	-.274	140	442	-.449	.097	-.126	-.916
140	329	-.236	.153	.776	-.230	140	379	-.032	.059	.268	-.200	140	443	-.430	.091	-.185	-.920
140	330	-.201	.235	.606	-1.037	140	380	-.048	.073	.403	-.148	140	444	-.430	.088	-.115	-.862
140	331	-.258	.165	.793	-.119	140	381	-.094	.071	.412	-.082	140	445	-.172	.051	-.023	-.480
140	332	-.199	.143	.812	-.160	140	382	-.086	.063	.401	-.072	140	446	-.189	.058	-.042	-.435
140	333	-.142	.131	.691	-.223	140	383	-.050	.053	.279	-.084	140	447	-.200	.058	-.047	-.508
140	334	-.041	.114	.538	-.310	140	384	-.030	.043	.188	-.082	140	448	-.228	.056	-.075	-.550
140	335	-.229	.223	.463	-1.343	140	385	-.016	.037	.131	-.133	140	449	-.222	.060	-.033	-.524
140	336	-.016	.099	.514	-.315	140	386	-.032	.028	.080	-.115	140	450	-.220	.065	-.026	-.616
140	337	-.090	.115	.541	-.235	140	401	-.350	.150	.064	-1.179	140	451	-.261	.095	-.014	-.677
140	338	-.228	.135	.846	-.063	140	402	-.374	.112	-.054	-1.076	140	452	-.330	.137	-.051	-.873
140	339	-.242	.142	.887	-.080	140	403	-.399	.091	-.124	-.931	140	453	-.329	.180	-.003	-1.295
140	340	-.238	.144	.912	-.199	140	404	-.221	.085	-.069	-.641	140	454	-.343	.158	-.044	-1.569
140	341	-.190	.159	.977	-.307	140	405	-.225	.076	-.061	-.701	140	455	-.346	.156	-.182	-1.368
140	342	-.150	.155	.803	-.290	140	406	-.278	.081	-.041	-.789	140	456	-.136	.043	-.021	-.482
140	343	-.008	.165	.722	-.812	140	407	-.350	.111	-.001	-.981	140	457	-.141	.049	-.052	-.356
140	344	-.293	.200	.695	-1.031	140	408	-.397	.119	-.084	-1.056	140	458	-.157	.057	-.056	-.426

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	459	-200	.053	-.056	-.433	140	920	-.354	.077	-.094	-.755	150	141	-.196	.039	-.043	-.359
140	460	-175	.040	-.042	-.377	140	921	-.423	.094	-.113	-.813	150	142	-.201	.044	-.057	-.413
140	461	-165	.038	-.030	-.316	140	922	-.354	.069	-.113	-.620	150	143	-.198	.043	-.055	-.369
140	462	-164	.039	-.011	-.342	140	923	-.434	.084	-.131	-.781	150	144	-.247	.075	-.066	-.638
140	463	-173	.045	-.019	-.496	140	924	-.414	.089	-.111	-.959	150	145	-.236	.056	-.088	-.522
140	464	-202	.065	.000	-.632	140	925	-.401	.081	-.169	-.792	150	146	-.240	.058	-.091	-.662
140	465	-305	.134	-.023	-.927	140	926	-.359	.078	-.112	-.731	150	147	-.261	.061	-.110	-.594
140	466	-389	.159	-.030	-1.047	140	927	-.164	.158	-.360	-.841	150	148	-.253	.052	-.047	-.464
140	467	-146	.036	-.007	-.323	140	928	-.224	.148	-.747	-.128	150	149	-.188	.043	-.038	-.345
140	468	-128	.042	.028	-.346	140	929	-.234	.144	-.789	-.119	150	150	-.149	.038	-.062	-.454
140	469	-132	.041	.024	-.309	150	101	-.267	.084	-.004	-.859	150	151	-.152	.040	-.013	-.309
140	470	-152	.042	-.021	-.323	150	102	-.269	.092	-.045	-.825	150	152	-.159	.045	-.023	-.379
140	471	-154	.035	-.049	-.307	150	103	-.237	.069	-.003	-.642	150	153	-.152	.044	-.001	-.456
140	472	-150	.035	.007	-.309	150	104	-.238	.068	-.018	-.503	150	154	-.158	.046	-.028	-.386
140	473	-154	.035	.019	-.379	150	105	-.236	.071	-.027	-.663	150	155	-.205	.048	-.064	-.420
140	474	-165	.034	-.065	-.323	150	106	-.217	.062	-.025	-.580	150	156	-.248	.065	-.074	-.555
140	475	-213	.047	-.034	-.424	150	107	-.207	.064	-.030	-.451	150	157	-.254	.064	-.059	-.519
140	476	-244	.057	-.086	-.656	150	108	-.192	.074	-.061	-.463	150	158	-.264	.062	-.088	-.531
140	477	-241	.056	-.084	-.522	150	109	-.193	.074	-.092	-.520	150	159	-.231	.055	-.038	-.526
140	478	-125	.029	-.015	-.279	150	110	-.195	.082	-.061	-.587	150	160	-.182	.052	-.032	-.401
140	479	-141	.033	-.007	-.317	150	111	-.214	.059	-.007	-.453	150	161	-.138	.039	-.018	-.444
140	480	-143	.032	-.010	-.253	150	112	-.207	.053	-.039	-.441	150	162	-.137	.040	-.020	-.355
140	481	-158	.035	-.006	-.302	150	113	-.209	.053	-.003	-.479	150	163	-.133	.041	-.023	-.379
140	482	-184	.037	-.069	-.338	150	114	-.221	.058	-.037	-.496	150	164	-.136	.041	-.052	-.304
140	483	-203	.040	-.095	-.366	150	115	-.221	.057	-.001	-.661	150	165	-.140	.044	-.035	-.444
140	801	-142	.032	.020	-.328	150	116	-.224	.054	-.021	-.522	150	166	-.187	.041	-.067	-.393
140	802	-244	.063	-.050	-.489	150	117	-.330	.088	-.056	-.759	150	167	-.257	.069	-.047	-.722
140	803	-132	.032	-.016	-.261	150	118	-.212	.045	-.013	-.384	150	168	-.250	.064	-.057	-.696
140	804	-152	.034	-.003	-.275	150	119	-.223	.048	-.021	-.427	150	169	-.243	.073	-.035	-.643
140	805	-191	.039	-.042	-.325	150	120	-.185	.044	-.001	-.360	150	170	-.209	.069	-.013	-.434
140	806	-045	.031	-.065	-.138	150	121	-.201	.056	-.041	-.580	150	171	-.172	.065	-.110	-.359
140	901	-241	.040	-.110	-.443	150	122	-.205	.062	-.073	-.568	150	172	-.132	.047	-.023	-.321
140	902	-220	.044	-.066	-.474	150	123	-.336	.087	-.061	-.690	150	173	-.127	.043	-.030	-.297
140	903	-234	.072	-.029	-.599	150	124	-.209	.045	-.049	-.468	150	174	-.128	.037	-.023	-.253
140	904	-243	.067	-.055	-.697	150	125	-.214	.045	-.040	-.401	150	175	-.116	.046	-.049	-.328
140	905	-215	.057	-.009	-.652	150	126	-.225	.043	-.059	-.417	150	176	-.113	.048	-.088	-.357
140	906	-203	.086	.130	-.612	150	127	-.228	.039	-.078	-.401	150	177	-.177	.048	-.021	-.374
140	907	-234	.079	.065	-.806	150	128	-.219	.045	-.066	-.451	150	178	-.208	.044	-.069	-.383
140	908	-188	.102	.293	-.547	150	129	-.218	.043	-.040	-.408	150	179	-.228	.059	-.154	-.513
140	909	-214	.086	.219	-.696	150	130	-.301	.081	-.015	-.671	150	180	-.225	.056	-.023	-.424
140	910	-245	.103	.209	-.865	150	131	-.215	.043	-.049	-.441	150	181	-.183	.053	-.026	-.344
140	911	-326	.107	.030	-.850	150	132	-.228	.045	-.083	-.506	150	182	-.143	.047	-.018	-.320
140	912	-275	.123	.095	-.833	150	133	-.192	.050	-.018	-.592	150	183	-.125	.024	-.059	-.233
140	913	-360	.107	.044	-.844	150	134	-.203	.058	-.025	-.489	150	184	-.127	.032	-.031	-.252
140	914	-363	.105	.013	-.947	150	135	-.278	.074	-.004	-.632	150	201	-.393	.078	-.153	-.738
140	915	-385	.119	.034	-1.051	150	136	-.212	.041	-.064	-.434	150	202	-.385	.101	-.078	-1.151
140	916	-352	.110	.044	-.828	150	137	-.223	.042	-.071	-.393	150	203	-.328	.129	-.077	-1.134
140	917	-164	.143	.410	-.678	150	138	-.239	.045	-.083	-.441	150	204	-.419	.079	-.205	-.743
140	918	-399	.124	.012	-1.188	150	139	-.244	.044	-.037	-.417	150	205	-.403	.071	-.200	-.773
140	919	-277	.180	.526	-.919	150	140	-.207	.035	-.006	-.350	150	206	-.430	.091	-.177	-.717

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	207	- .387	.111	- .063	- .862	150	257	- .224	.079	.062	- .751	150	321	.160	.131	.689	- .177
150	208	- .305	.111	- .100	- .841	150	258	- .197	.072	.084	- .616	150	322	.049	.117	.576	- .305
150	209	- .262	.110	- .115	- .750	150	259	- .092	.060	.185	- .284	150	323	- .358	.180	.411	- 1.072
150	210	- .226	.089	- .095	- .900	150	260	- .228	.081	.008	- .713	150	324	.051	.108	.544	- .244
150	211	- .223	.089	- .054	- .707	150	261	- .169	.051	.001	- .445	150	325	.170	.130	.672	- .148
150	212	- .117	.140	- .600	- .321	150	262	- .133	.037	.038	- .277	150	326	.261	.145	.830	- .104
150	213	- .273	.110	- .057	- .712	150	263	- .117	.034	.017	- .232	150	327	.275	.146	.784	- .111
150	214	- .258	.101	- .156	- .849	150	264	- .118	.036	.043	- .265	150	328	.260	.151	.815	- .082
150	215	- .203	.070	- .077	- .532	150	265	- .140	.042	.038	- .282	150	329	.246	.137	.822	- .080
150	216	- .190	.055	- .024	- .443	150	266	- .160	.044	- .007	- .315	150	330	- .403	.139	.426	- 1.159
150	217	- .193	.052	- .001	- .430	150	267	- .054	.041	.126	- .203	150	331	.219	.149	.863	- .116
150	218	- .192	.147	- .683	- .268	150	268	- .107	.042	.024	- .374	150	332	.189	.142	.893	- .201
150	219	- .411	.084	- .146	- .831	150	269	- .100	.042	.034	- .312	150	333	.104	.113	.675	- .247
150	220	- .425	.087	- .149	- 1.100	150	270	- .076	.034	.079	- .189	150	334	- .027	.092	.346	- .341
150	221	- .453	.102	- .027	- .938	150	271	- .163	.041	- .044	- .360	150	335	.441	.140	.288	- 1.181
150	222	- .388	.122	- .219	- .938	150	272	- .136	.031	.049	- .369	150	336	.018	.102	.394	- .327
150	223	- .332	.166	- .374	- .978	150	273	- .118	.026	- .042	- .215	150	337	.150	.117	.697	- .203
150	224	- .191	.141	- .694	- .156	150	274	- .109	.027	- .016	- .203	150	338	.251	.139	.735	- .065
150	225	- .381	.123	- .049	- .829	150	275	- .110	.031	.029	- .227	150	339	.302	.155	.897	- .036
150	226	- .339	.116	- .022	- .829	150	276	- .130	.033	.001	- .263	150	340	.251	.143	.784	- .182
150	227	- .260	.095	- .031	- .806	150	277	- .146	.035	.112	- .308	150	341	.188	.142	.723	- .382
150	228	- .187	.064	- .024	- .491	150	278	- .045	.041	.118	- .172	150	342	- .102	.126	.566	- .467
150	229	- .183	.051	- .003	- .423	150	279	- .059	.039	.107	- .191	150	343	- .073	.160	.547	- .739
150	230	- .189	.043	- .014	- .491	150	280	- .153	.051	- .015	- .480	150	344	- .476	.127	.194	- 1.122
150	231	- .219	.145	- .841	- .111	150	281	- .129	.039	- .010	- .348	150	345	- .033	.106	.517	- .382
150	232	- .438	.100	- .179	- 1.017	150	282	- .107	.027	- .010	- .203	150	346	.076	.111	.640	- .193
150	233	- .441	.102	- .095	- 1.164	150	283	- .100	.026	.002	- .196	150	347	.121	.099	.537	- .124
150	234	- .452	.112	- .030	- .981	150	284	- .103	.026	.002	- .201	150	348	.130	.101	.566	- .120
150	235	- .429	.132	- .143	- 1.032	150	285	- .131	.025	- .035	- .238	150	349	.127	.115	.625	- .110
150	236	- .163	.183	- .338	- 1.225	150	286	- .147	.031	.045	- .265	150	350	.049	.093	.397	- .198
150	237	- .465	.112	- .001	- .956	150	301	- .382	.094	.152	- .851	150	351	.008	.100	.522	- .232
150	238	- .460	.123	- .098	- .946	150	302	- .395	.080	- .024	- .811	150	352	- .152	.086	.312	- .563
150	239	- .461	.135	- .030	- 1.057	150	303	- .220	.200	.602	- .726	150	353	- .027	.153	.704	- .470
150	240	- .350	.126	- .029	- .836	150	304	- .212	.194	.609	- .709	150	354	- .047	.104	.280	- .492
150	241	- .224	.084	- .009	- .613	150	305	- .262	.202	.505	- .917	150	355	- .172	.246	.576	- 1.119
150	242	- .161	.047	- .020	- .445	150	306	- .064	.133	.503	- .605	150	356	- .147	.101	.268	- .632
150	243	- .175	.040	- .012	- .405	150	307	- .023	.099	.450	- .344	150	357	- .139	.075	.103	- .460
150	244	- .187	.039	- .030	- .343	150	308	- .041	.099	.409	- .252	150	358	- .100	.049	.067	- .320
150	245	- .148	.076	- .240	- .407	150	309	- .047	.116	.462	- .276	150	359	- .071	.049	.099	- .284
150	246	- .513	.174	- .040	- 1.488	150	310	- .008	.114	.464	- .356	150	360	- .091	.058	.128	- .399
150	247	- .530	.198	- .022	- 1.566	150	311	- .224	.162	.280	- .907	150	361	- .104	.049	.123	- .323
150	248	- .127	.165	- .496	- .732	150	312	- .017	.114	.505	- .399	150	362	- .110	.046	.094	- .303
150	249	- .271	.127	- .055	- .767	150	313	- .076	.122	.505	- .273	150	363	- .142	.043	.081	- .369
150	250	- .214	.087	- .011	- .694	150	314	- .124	.132	.626	- .201	150	364	- .129	.054	.140	- .485
150	251	- .158	.048	- .017	- .414	150	315	- .089	.127	.626	- .244	150	365	- .137	.066	.172	- .473
150	252	- .139	.038	- .046	- .298	150	316	- .130	.133	.600	- .399	150	366	- .083	.078	.314	- .372
150	253	- .146	.039	- .046	- .293	150	317	- .303	.152	.491	- .919	150	367	- .082	.047	.140	- .249
150	254	- .169	.037	- .010	- .376	150	318	- .189	.153	.677	- .327	150	368	- .031	.050	.209	- .227
150	255	- .190	.040	- .052	- .353	150	319	- .217	.141	.859	- .145	150	369	- .056	.064	.390	- .139
150	256	- .128	.042	- .004	- .310	150	320	- .250	.138	.704	- .119	150	370	- .091	.071	.437	- .066

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	371	.072	.064	.312	-.161	150	435	-.280	.075	-.013	-.627	150	802	-.231	.055	-.055	-.470
150	372	.018	.044	.258	-.105	150	436	-.203	.047	-.062	-.477	150	803	-.134	.033	-.005	-.287
150	373	-.012	.040	.194	-.154	150	437	-.233	.066	-.007	-.550	150	804	-.152	.033	-.043	-.285
150	374	-.054	.039	.111	-.208	150	438	-.253	.088	.015	-.647	150	805	-.188	.036	-.057	-.356
150	375	-.028	.050	.226	-.191	150	439	-.258	.092	.018	-.700	150	806	-.069	.034	-.048	-.202
150	376	-.029	.044	.236	-.159	150	440	-.288	.106	.058	-.735	150	901	-.226	.040	-.055	-.377
150	377	-.074	.041	.155	-.267	150	441	-.381	.136	.044	-1.080	150	902	-.225	.046	-.061	-.416
150	378	-.082	.043	.112	-.211	150	442	-.480	.119	-.038	-1.022	150	903	-.219	.062	-.026	-.520
150	379	-.013	.052	.216	-.180	150	443	-.475	.101	-.202	-.935	150	904	-.233	.075	-.005	-.571
150	380	.077	.072	.428	-.088	150	444	-.469	.099	-.174	-.994	150	905	-.224	.082	-.063	-.769
150	381	.118	.083	.447	-.139	150	445	-.165	.044	-.038	-.389	150	906	-.219	.090	-.182	-.620
150	382	.102	.075	.517	-.068	150	446	-.178	.049	.072	-.406	150	907	-.234	.077	-.051	-.587
150	383	.046	.050	.283	-.096	150	447	-.200	.054	.070	-.450	150	908	-.225	.084	-.159	-.561
150	384	.008	.043	.239	-.123	150	448	-.214	.052	.075	-.462	150	909	-.254	.097	-.113	-.752
150	385	-.046	.045	.149	-.183	150	449	-.195	.043	-.047	-.549	150	910	-.277	.116	-.242	-.840
150	386	-.054	.035	.093	-.163	150	450	-.191	.045	-.017	-.511	150	911	-.304	.111	-.062	-.841
150	401	-.310	.127	.078	-1.060	150	451	-.208	.083	.009	-.907	150	912	-.292	.124	-.192	-.814
150	402	-.375	.099	-.063	-.850	150	452	-.252	.126	.028	-.855	150	913	-.362	.117	-.004	-.940
150	403	-.383	.080	-.142	-.752	150	453	-.454	.217	.023	-1.287	150	914	-.377	.107	-.026	-1.037
150	404	-.193	.079	.125	-.687	150	454	-.600	.196	.030	-1.570	150	915	-.381	.120	-.013	-.870
150	405	-.206	.075	.035	-.617	150	455	-.608	.177	-.148	-1.589	150	916	-.383	.105	-.110	-.885
150	406	-.262	.079	.003	-.730	150	456	-.142	.042	.002	-.448	150	917	-.349	.127	-.149	-.858
150	407	-.333	.111	.138	-.962	150	457	-.157	.046	.133	-.408	150	918	-.403	.123	-.001	-1.151
150	408	-.404	.115	-.035	-1.012	150	458	-.175	.048	-.016	-.352	150	919	-.431	.116	-.065	-1.010
150	409	-.412	.101	-.125	-.942	150	459	-.191	.042	-.064	-.431	150	920	-.354	.068	-.178	-.643
150	410	-.439	.096	-.145	-.905	150	460	-.179	.036	-.047	-.354	150	921	-.376	.079	-.156	-.691
150	411	-.435	.095	-.170	-.842	150	461	-.169	.034	-.031	-.324	150	922	-.360	.070	-.134	-.618
150	412	-.187	.048	-.007	-.415	150	462	-.162	.034	-.033	-.382	150	923	-.397	.078	-.195	-.735
150	413	-.415	.140	-.042	-1.112	150	463	-.158	.038	-.017	-.361	150	924	-.373	.077	-.125	-.755
150	414	-.408	.119	-.020	-1.045	150	464	-.170	.049	-.002	-.403	150	925	-.435	.094	-.186	-.873
150	415	-.440	.104	-.070	-.900	150	465	-.230	.108	.004	-1.113	150	926	-.387	.079	-.087	-.708
150	416	-.430	.098	-.192	-.942	150	466	-.313	.162	-.044	-1.052	150	927	-.153	.146	-.419	-.809
150	417	-.424	.095	-.175	-1.100	150	467	-.140	.036	-.031	-.387	150	928	-.209	.145	-.783	-.144
150	418	-.219	.044	-.005	-.405	150	468	-.125	.042	-.028	-.324	150	929	-.199	.135	-.773	-.130
150	419	-.203	.076	.105	-.645	150	469	-.131	.041	-.011	-.289	160	101	-.271	.082	-.030	-.684
150	420	-.201	.080	.135	-.642	150	470	-.170	.043	-.040	-.399	160	102	-.293	.088	-.067	-.684
150	421	-.258	.093	.070	-.637	150	471	-.162	.037	-.026	-.293	160	103	-.239	.076	-.018	-.568
150	422	-.350	.110	-.028	-.855	150	472	-.157	.034	-.045	-.291	160	104	-.239	.074	-.008	-.691
150	423	-.338	.087	-.020	-.707	150	473	-.152	.032	-.010	-.270	160	105	-.238	.073	-.008	-.589
150	424	-.202	.044	-.045	-.430	150	474	-.171	.037	-.033	-.506	160	106	-.230	.065	-.001	-.532
150	425	-.364	.138	.015	-1.040	150	475	-.212	.044	-.068	-.382	160	107	-.211	.065	-.013	-.689
150	426	-.346	.116	.025	-.902	150	476	-.240	.053	-.047	-.511	160	108	-.196	.058	-.046	-.472
150	427	-.392	.117	-.020	-.980	150	477	-.240	.051	-.026	-.453	160	109	-.198	.052	-.025	-.489
150	428	-.460	.107	-.035	-.975	150	478	-.125	.030	-.013	-.275	160	110	-.197	.058	-.065	-.525
150	429	-.439	.089	-.192	-.880	150	479	-.144	.034	-.039	-.305	160	111	-.218	.062	-.019	-.673
150	430	-.436	.084	-.155	-.870	150	480	-.144	.032	-.017	-.252	160	112	-.225	.078	-.094	-.603
150	431	-.221	.045	-.050	-.547	150	481	-.158	.037	-.078	-.293	160	113	-.224	.072	-.065	-.653
150	432	-.199	.070	.000	-.590	150	482	-.185	.039	-.024	-.381	160	114	-.212	.063	-.158	-.451
150	433	-.200	.071	.128	-.582	150	483	-.201	.038	-.033	-.323	160	115	-.215	.058	-.034	-.470
150	434	-.303	.122	.133	-.835	150	801	-.147	.051	-.026	-.339	160	116	-.213	.053	-.058	-.418

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	117	-.337	.079	-.097	-.767	160	167	-.178	.061	-.081	-.469	160	233	-.443	.086	-.218	-.999
160	118	-.210	.048	-.039	-.406	160	168	-.181	.061	-.001	-.592	160	234	-.469	.096	-.205	-.901
160	119	-.214	.043	-.035	-.389	160	169	-.164	.063	.090	-.430	160	235	-.438	.110	-.093	-1.014
160	120	-.197	.039	-.032	-.349	160	170	-.175	.063	.059	-.449	160	236	-.275	.210	-.349	-1.157
160	121	-.194	.044	-.023	-.437	160	171	-.190	.068	.032	-.476	160	237	-.462	.100	-.120	-.946
160	122	-.195	.047	-.003	-.603	160	172	-.190	.056	-.016	-.423	160	238	-.474	.108	-.113	-.938
160	123	-.314	.069	-.016	-.606	160	173	-.185	.057	-.001	-.421	160	239	-.460	.111	-.163	-.968
160	124	-.230	.063	-.013	-.582	160	174	-.177	.055	.013	-.404	160	240	-.412	.111	-.083	-.933
160	125	-.229	.062	-.011	-.631	160	175	-.164	.060	.032	-.439	160	241	-.232	.090	-.060	-.633
160	126	-.224	.053	-.023	-.496	160	176	-.164	.063	-.020	-.515	160	242	-.170	.056	.089	-.507
160	127	-.207	.041	-.037	-.401	160	177	-.269	.077	-.071	-.659	160	243	-.175	.047	.016	-.378
160	128	-.210	.040	-.054	-.363	160	178	-.147	.049	.028	-.378	160	244	-.192	.045	.001	-.378
160	129	-.211	.039	-.073	-.368	160	179	-.143	.051	.067	-.325	160	245	-.193	.084	.084	-.505
160	130	-.298	.068	-.068	-.756	160	180	-.157	.059	.021	-.588	160	246	-.524	.184	-.104	-1.431
160	131	-.217	.039	-.087	-.373	160	181	-.156	.055	.067	-.424	160	247	-.556	.195	-.033	-1.488
160	132	-.216	.039	-.092	-.399	160	182	-.163	.053	-.001	-.433	160	248	-.173	.190	.398	-.833
160	133	-.203	.039	-.061	-.392	160	183	-.161	.043	-.030	-.323	160	249	-.312	.131	.011	-.819
160	134	-.207	.043	-.063	-.513	160	184	-.159	.047	-.013	-.378	160	250	-.258	.099	-.029	-.754
160	135	-.269	.061	-.049	-.627	160	201	-.399	.084	-.158	-.829	160	251	-.180	.053	.019	-.512
160	136	-.244	.079	-.035	-.665	160	202	-.396	.105	-.034	-.953	160	252	-.151	.042	.017	-.364
160	137	-.233	.069	-.049	-.603	160	203	-.355	.138	-.089	-1.519	160	253	-.134	.036	.006	-.301
160	138	-.223	.052	-.006	-.465	160	204	-.386	.076	-.178	-.707	160	254	-.154	.042	.009	-.331
160	139	-.214	.049	-.053	-.442	160	205	-.401	.073	-.213	-.740	160	255	-.162	.042	.001	-.315
160	140	-.220	.041	-.085	-.377	160	206	-.423	.079	-.221	-.855	160	256	-.154	.050	.019	-.381
160	141	-.210	.038	-.088	-.373	160	207	-.396	.099	-.047	-.971	160	257	-.263	.080	.009	-.633
160	142	-.209	.040	-.057	-.399	160	208	-.324	.104	.163	-.740	160	258	-.226	.067	.079	-.545
160	143	-.207	.040	-.049	-.377	160	209	-.297	.113	.093	-.830	160	259	-.127	.063	.286	-.388
160	144	-.272	.068	-.071	-.594	160	210	-.262	.110	.096	-.938	160	260	-.243	.084	.017	-.674
160	145	-.222	.084	-.025	-.652	160	211	-.267	.116	.048	-1.089	160	261	-.195	.051	.035	-.498
160	146	-.218	.080	.018	-.690	160	212	-.058	.129	.510	-.396	160	262	-.151	.035	.002	-.348
160	147	-.195	.057	.013	-.439	160	213	-.326	.106	.176	-.730	160	263	-.129	.033	.002	-.275
160	148	-.203	.058	-.045	-.488	160	214	-.294	.097	.025	-.715	160	264	-.123	.033	.016	-.254
160	149	-.227	.052	-.062	-.445	160	215	-.234	.084	.161	-.615	160	265	-.130	.036	-.005	-.239
160	150	-.201	.043	-.016	-.404	160	216	-.199	.068	.061	-.479	160	266	-.141	.040	-.008	-.317
160	151	-.194	.040	-.035	-.365	160	217	-.204	.071	.076	-.569	160	267	-.087	.042	.063	-.273
160	152	-.195	.039	-.062	-.399	160	218	-.109	.143	.648	-.313	160	268	-.143	.053	.004	-.514
160	153	-.190	.038	-.042	-.387	160	219	-.406	.077	-.203	-.712	160	269	-.138	.050	.002	-.479
160	154	-.191	.041	-.057	-.399	160	220	-.423	.081	-.213	-.795	160	270	-.096	.039	.063	-.247
160	155	-.228	.046	-.098	-.430	160	221	-.443	.091	-.120	-.913	160	271	-.193	.047	-.050	-.458
160	156	-.198	.071	.016	-.546	160	222	-.434	.103	.060	-.813	160	272	-.160	.033	.050	-.315
160	157	-.185	.064	.020	-.529	160	223	-.421	.137	.136	-.923	160	273	-.138	.027	.045	-.239
160	158	-.178	.056	.052	-.399	160	224	-.129	.131	.640	-.233	160	274	-.129	.027	.031	-.240
160	159	-.188	.060	-.025	-.449	160	225	-.428	.099	-.040	-.891	160	275	-.122	.028	.024	-.249
160	160	-.209	.064	-.004	-.498	160	226	-.394	.102	-.020	-.765	160	276	-.129	.033	.001	-.277
160	161	-.194	.051	-.009	-.493	160	227	-.321	.096	-.047	-.717	160	277	-.141	.035	.022	-.263
160	162	-.183	.046	-.028	-.413	160	228	-.200	.071	.063	-.589	160	278	-.077	.049	.098	-.279
160	163	-.188	.046	-.047	-.392	160	229	-.185	.059	.045	-.441	160	279	-.080	.041	.085	-.215
160	164	-.176	.042	-.049	-.341	160	230	-.194	.049	.035	-.399	160	280	-.181	.054	-.007	-.499
160	165	-.178	.047	-.025	-.368	160	231	-.138	.128	.711	-.221	160	281	-.154	.040	-.039	-.350
160	166	-.233	.042	-.095	-.392	160	232	-.430	.085	-.155	-.815	160	282	-.127	.028	-.007	-.259

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	283	-.117	.026	-.020	-.210	160	347	.133	.103	.597	-.137	160	411	-.476	.103	-.196	-.903
160	284	-.112	.026	-.010	-.198	160	348	.114	.093	.640	-.130	160	412	-.228	.053	-.008	-.542
160	285	-.133	.031	-.025	-.233	160	349	.094	.094	.534	-.144	160	413	-.332	.105	-.001	-1.043
160	286	-.140	.034	-.012	-.306	160	350	.021	.099	.502	-.224	160	414	-.340	.110	-.032	-1.053
160	301	-.373	.097	.173	-.829	160	351	-.049	.089	.403	-.304	160	415	-.433	.131	-.062	-1.127
160	302	-.427	.092	.066	-.878	160	352	-.214	.098	.248	-.527	160	416	-.502	.131	-.149	-1.135
160	303	-.185	.232	.644	-.749	160	353	-.088	.171	.568	-.663	160	417	-.501	.134	-.179	-1.324
160	304	-.194	.217	.591	-.797	160	354	-.088	.137	.483	-.697	160	418	-.212	.046	-.042	-.430
160	305	-.316	.185	.436	-.867	160	355	-.209	.242	.597	-.939	160	419	-.181	.046	-.008	-.448
160	306	-.081	.128	.663	-.608	160	356	-.106	.106	.347	-.515	160	420	-.179	.061	-.048	-.682
160	307	.008	.096	.383	-.254	160	357	-.112	.073	.127	-.467	160	421	-.204	.089	.155	-.614
160	308	.013	.105	.491	-.266	160	358	-.091	.054	.122	-.309	160	422	-.306	.099	.063	-.906
160	309	.004	.104	.440	-.340	160	359	-.060	.048	.117	-.297	160	423	-.316	.068	-.037	-.604
160	310	-.049	.100	.347	-.338	160	360	-.097	.053	.105	-.362	160	424	-.210	.038	-.032	-.348
160	311	-.209	.164	.370	-.989	160	361	-.126	.050	.122	-.331	160	425	-.286	.094	.015	-.883
160	312	.072	.140	.637	-.333	160	362	-.138	.049	.047	-.370	160	426	-.285	.098	.058	-.786
160	313	.107	.147	.706	-.275	160	363	-.168	.052	.008	-.452	160	427	-.311	.116	-.002	-.983
160	314	.098	.136	.637	-.237	160	364	-.148	.060	.292	-.396	160	428	-.448	.140	-.032	-1.003
160	315	.107	.134	.591	-.314	160	365	-.156	.068	.091	-.452	160	429	-.506	.120	-.064	-1.170
160	316	.098	.138	.641	-.376	160	366	-.115	.093	.321	-.488	160	430	-.503	.114	-.201	-1.329
160	317	-.410	.138	.086	-1.084	160	367	-.083	.043	.088	-.232	160	431	-.216	.039	-.084	-.380
160	318	.098	.151	.656	-.347	160	368	-.045	.049	.185	-.193	160	432	-.185	.054	.093	-.482
160	319	.171	.147	.737	-.299	160	369	-.038	.062	.318	-.149	160	433	-.183	.061	.180	-.455
160	320	.227	.132	.649	-.146	160	370	.089	.068	.374	-.132	160	434	-.256	.075	.060	-.669
160	321	.088	.116	.536	-.180	160	371	.070	.065	.376	-.108	160	435	-.268	.060	-.042	-.607
160	322	-.027	.092	.369	-.297	160	372	-.006	.045	.209	-.166	160	436	-.210	.040	-.064	-.450
160	323	.440	.147	.096	-1.199	160	373	-.023	.041	.122	-.140	160	437	-.260	.060	-.087	-.644
160	324	.085	.135	.579	-.283	160	374	-.090	.046	.066	-.273	160	438	-.239	.066	-.039	-.739
160	325	.201	.144	.799	-.251	160	375	-.036	.062	.289	-.251	160	439	-.234	.067	-.025	-.609
160	326	.257	.146	.840	-.127	160	376	-.035	.052	.185	-.219	160	440	-.249	.093	-.009	-.756
160	327	.260	.143	.850	-.129	160	377	-.093	.050	.178	-.266	160	441	-.312	.143	-.002	-.904
160	328	.199	.151	.835	-.153	160	378	-.079	.045	.115	-.239	160	442	-.482	.168	.054	-1.198
160	329	.219	.144	.728	-.122	160	379	-.018	.048	.225	-.165	160	443	-.523	.135	-.015	-1.111
160	330	.448	.114	.242	-1.163	160	380	.074	.077	.582	-.125	160	444	-.514	.124	-.181	-1.109
160	331	.133	.130	.708	-.259	160	381	.106	.079	.556	-.104	160	445	-.196	.043	-.055	-.466
160	332	.117	.133	.673	-.216	160	382	.094	.072	.430	-.118	160	446	-.206	.048	.001	-.382
160	333	.065	.108	.517	-.237	160	383	-.038	.053	.249	-.108	160	447	-.233	.047	-.012	-.454
160	334	.076	.081	.275	-.383	160	384	-.005	.043	.176	-.128	160	448	-.238	.040	-.102	-.426
160	335	.460	.118	.101	-1.151	160	385	-.079	.040	.098	-.225	160	449	-.217	.035	-.002	-.384
160	336	.068	.131	.639	-.333	160	386	-.067	.037	.171	-.192	160	450	-.202	.037	.059	-.405
160	337	.178	.140	.699	-.213	160	401	.291	.112	.098	-.908	160	451	-.179	.047	.047	-.491
160	338	.256	.136	.831	-.120	160	402	.384	.089	.001	-.764	160	452	-.190	.087	.036	-.783
160	339	.246	.140	.768	-.070	160	403	.405	.080	-.124	-.839	160	453	-.342	.229	.103	-1.319
160	340	.214	.127	.673	-.091	160	404	.179	.052	-.068	-.510	160	454	-.601	.245	.101	-1.904
160	341	.115	.131	.687	-.484	160	405	.183	.054	-.004	-.485	160	455	-.595	.207	.024	-1.547
160	342	.059	.131	.344	-.336	160	406	.208	.066	-.032	-.502	160	456	-.187	.046	-.041	-.452
160	343	.186	.184	.386	-.966	160	407	.264	.095	-.012	-.848	160	457	-.189	.054	.052	-.386
160	344	.483	.112	.040	-1.222	160	408	.356	.107	-.006	-.873	160	458	-.216	.055	.036	-.438
160	345	.018	.129	.517	-.396	160	409	.418	.119	-.097	-.941	160	459	-.236	.043	-.067	-.433
160	346	.097	.121	.674	-.278	160	410	.483	.115	-.176	-1.025	160	460	-.207	.036	-.074	-.354

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	461	-.194	.034	-.046	-.323	160	922	-.392	.069	-.184	-.666	170	143	-.247	.037	-.118	-.407
160	462	-.166	.034	-.022	-.298	160	923	-.412	.080	-.199	-.784	170	144	-.348	.073	-.152	-.750
160	463	-.155	.037	-.006	-.291	160	924	-.355	.070	-.151	-.709	170	145	-.277	.080	-.041	-.854
160	464	-.148	.044	.024	-.377	160	925	-.466	.111	-.074	-.998	170	146	-.277	.073	-.004	-.641
160	465	-.185	.092	.208	-.808	160	926	-.439	.095	-.104	-.792	170	147	-.238	.052	-.026	-.473
160	466	-.222	.145	.248	-1.025	160	927	-.176	.148	-.398	-.979	170	148	-.259	.046	-.097	-.507
160	467	-.194	.049	-.043	-.403	160	928	.166	.151	.722	-.281	170	149	-.259	.041	-.133	-.492
160	468	-.137	.042	.001	-.312	160	929	.148	.137	.670	-.211	170	150	-.247	.038	-.140	-.405
160	469	-.133	.048	.036	-.407	170	101	-.338	.096	-.008	-.897	170	151	-.240	.036	-.138	-.400
160	470	-.253	.069	.041	-.545	170	102	-.397	.114	-.115	-.911	170	152	-.239	.038	-.109	-.398
160	471	-.209	.048	-.048	-.363	170	103	-.271	.072	-.039	-.691	170	153	-.236	.037	-.118	-.366
160	472	-.193	.041	-.050	-.337	170	104	-.264	.065	-.039	-.677	170	154	-.237	.038	-.114	-.424
160	473	-.165	.037	-.043	-.286	170	105	-.272	.074	-.028	-.760	170	155	-.275	.036	-.157	-.432
160	474	-.167	.037	-.046	-.403	170	106	-.284	.075	-.083	-.849	170	156	-.244	.067	-.055	-.546
160	475	-.207	.054	.005	-.503	170	107	-.255	.053	-.049	-.537	170	157	-.230	.069	-.041	-.718
160	476	-.239	.062	.022	-.507	170	108	-.244	.043	-.097	-.459	170	158	-.223	.047	-.024	-.415
160	477	-.256	.061	.078	-.526	170	109	-.234	.040	-.075	-.360	170	159	-.254	.050	-.099	-.522
160	478	-.144	.041	.001	-.286	170	110	-.237	.039	-.090	-.396	170	160	-.259	.042	-.140	-.471
160	479	-.181	.048	.042	-.400	170	111	-.270	.060	-.103	-.574	170	161	-.243	.036	-.140	-.424
160	480	-.146	.038	.044	-.283	170	112	-.260	.082	-.030	-.799	170	162	-.241	.038	-.109	-.403
160	481	-.146	.040	.029	-.293	170	113	-.258	.073	-.016	-.677	170	163	-.241	.040	-.104	-.422
160	482	-.175	.045	.016	-.342	170	114	-.253	.070	-.020	-.861	170	164	-.237	.037	-.114	-.369
160	483	-.193	.046	.006	-.402	170	115	-.261	.077	-.049	-.808	170	165	-.240	.040	-.106	-.461
160	801	-.172	.052	.008	-.602	170	116	-.261	.066	-.028	-.691	170	166	-.280	.036	-.172	-.417
160	802	-.163	.051	.011	-.474	170	117	-.345	.058	-.135	-.614	170	167	-.227	.085	-.004	-.672
160	803	-.166	.044	.015	-.329	170	118	-.257	.045	-.090	-.451	170	168	-.222	.079	-.026	-.701
160	804	-.164	.035	.046	-.300	170	119	-.251	.039	-.133	-.399	170	169	-.200	.054	-.010	-.403
160	805	-.183	.044	.008	-.383	170	120	-.239	.032	-.142	-.394	170	170	-.256	.057	-.094	-.568
160	806	-.091	.038	.034	-.234	170	121	-.233	.034	-.107	-.365	170	171	-.249	.042	-.114	-.471
160	901	-.216	.037	-.075	-.359	170	122	-.231	.035	-.092	-.384	170	172	-.245	.040	-.131	-.437
160	902	-.209	.047	.018	-.399	170	123	-.320	.052	-.097	-.552	170	173	-.243	.040	-.116	-.427
160	903	-.222	.069	.088	-.500	170	124	-.254	.053	-.073	-.521	170	174	-.247	.041	-.128	-.505
160	904	-.232	.076	.018	-.566	170	125	-.255	.052	-.068	-.598	170	175	-.251	.045	-.131	-.543
160	905	-.259	.109	.127	-.760	170	126	-.246	.044	-.080	-.435	170	176	-.247	.041	-.123	-.483
160	906	-.213	.088	.267	-.622	170	127	-.253	.039	-.099	-.416	170	177	-.364	.069	-.179	-.692
160	907	-.251	.075	.018	-.634	170	128	-.258	.039	-.109	-.432	170	178	-.200	.049	-.015	-.407
160	908	-.246	.083	.187	-.572	170	129	-.250	.034	-.138	-.413	170	179	-.193	.047	-.011	-.366
160	909	-.261	.097	.149	-.739	170	130	-.313	.050	-.157	-.638	170	180	-.221	.062	-.056	-.572
160	910	-.261	.098	.158	-.832	170	131	-.253	.033	-.138	-.370	170	181	-.224	.039	-.001	-.443
160	911	-.252	.074	.023	-.793	170	132	-.248	.035	-.123	-.392	170	182	-.228	.034	-.126	-.424
160	912	-.320	.120	.252	-.722	170	133	-.240	.034	-.080	-.380	170	183	-.228	.026	-.143	-.323
160	913	-.307	.096	-.011	-.961	170	134	-.235	.034	-.128	-.380	170	184	-.224	.035	-.085	-.366
160	914	-.371	.094	-.071	-.792	170	135	-.279	.045	-.116	-.552	170	201	-.431	.081	-.129	-.806
160	915	-.393	.123	-.013	-.013	170	136	-.263	.056	-.087	-.646	170	202	-.422	.107	-.129	-.015
160	916	-.392	.105	.042	-.837	170	137	-.269	.056	-.104	-.519	170	203	-.390	.145	-.067	-.213
160	917	-.425	.113	.317	-.900	170	138	-.256	.047	-.071	-.437	170	204	-.398	.070	-.165	-.747
160	918	-.359	.113	.018	-.046	170	139	-.252	.038	-.123	-.430	170	205	-.412	.070	-.233	-.920
160	919	-.464	.096	.141	-.931	170	140	-.252	.034	-.147	-.408	170	206	-.449	.081	-.245	-.947
160	920	-.392	.070	.180	-.690	170	141	-.250	.034	-.116	-.390	170	207	-.413	.089	-.102	-.804
160	921	-.366	.076	-.081	-.693	170	142	-.243	.036	-.118	-.395	170	208	-.367	.097	-.063	-.789

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	209	-335	110	148	-835	170	259	-201	065	229	-439	170	323	-476	120	-017	-1.100
170	210	-305	109	051	-867	170	260	-295	082	-095	-837	170	324	123	156	700	-259
170	211	-308	116	061	-967	170	261	-254	054	-081	-505	170	325	217	163	858	-166
170	212	-039	124	540	-421	170	262	-204	038	-043	-369	170	326	246	166	848	-175
170	213	-374	095	007	-822	170	263	-183	036	-032	-320	170	327	187	154	839	-146
170	214	-344	092	015	-782	170	264	-182	037	-055	-350	170	328	148	147	683	-201
170	215	-277	084	066	-596	170	265	-186	041	-027	-334	170	329	116	137	640	-199
170	216	-240	069	058	-559	170	266	-202	040	-021	-352	170	330	-488	108	-189	-1.010
170	217	-236	063	002	-489	170	267	-141	052	-057	-329	170	331	052	128	537	-287
170	218	-006	141	499	-561	170	268	-225	071	-057	-741	170	332	019	120	633	-347
170	219	-425	070	-228	-747	170	269	-218	065	-027	-580	170	333	-003	110	427	-378
170	220	-436	076	-235	-722	170	270	-131	044	-050	-277	170	334	-139	076	198	-397
170	221	-467	076	-263	-797	170	271	-256	055	-097	-575	170	335	-486	101	-034	-1.050
170	222	-456	085	-208	-855	170	272	-220	041	-114	-418	170	336	-096	149	-829	-316
170	223	-468	111	-045	-957	170	273	-189	031	-076	-294	170	337	177	152	829	-192
170	224	053	135	519	-363	170	274	-175	030	-029	-287	170	338	230	150	743	-096
170	225	-486	106	-117	-135	170	275	-178	032	-050	-320	170	339	186	135	741	-091
170	226	-460	106	-127	-947	170	276	-193	036	-050	-385	170	340	134	131	633	-194
170	227	-371	100	-057	-860	170	277	-196	042	-046	-376	170	341	-045	123	520	-318
170	228	-252	073	-020	-601	170	278	-144	047	073	-347	170	342	-022	116	438	-553
170	229	-227	051	-027	-463	170	279	-131	042	-048	-314	170	343	-315	186	314	-1.054
170	230	-232	045	-020	-453	170	280	-233	069	-017	-760	170	344	-492	106	134	-1.054
170	231	-059	125	527	-280	170	281	-205	049	-049	-457	170	345	063	133	634	-284
170	232	-449	074	-230	-779	170	282	-164	029	-068	-282	170	346	109	116	845	-202
170	233	-473	082	-268	-872	170	283	-162	029	-046	-250	170	347	121	108	600	-160
170	234	-479	086	-240	-970	170	284	-165	031	-049	-282	170	348	081	105	508	-146
170	235	-487	096	-022	-960	170	285	-188	036	-005	-315	170	349	-044	107	532	-240
170	236	-389	207	113	-308	170	286	-185	043	-020	-356	170	350	-049	099	380	-279
170	237	-485	096	-127	-927	170	301	-381	118	-168	-738	170	351	-117	095	329	-357
170	238	-508	101	-223	-960	170	302	-463	100	-170	-898	170	352	-299	093	181	-604
170	239	-489	094	-213	-930	170	303	-181	261	-748	-828	170	353	-202	184	489	-742
170	240	-447	113	-147	-927	170	304	-196	245	-705	-835	170	354	-176	143	312	-650
170	241	-307	092	-048	-753	170	305	-354	171	-411	-847	170	355	-318	238	413	-1.015
170	242	-217	056	-013	-470	170	306	-113	144	-511	-598	170	356	-034	108	421	-415
170	243	-219	043	-064	-369	170	307	-025	102	-332	-393	170	357	-081	066	145	-410
170	244	-227	040	-036	-474	170	308	-058	099	-346	-386	170	358	-077	051	106	-332
170	245	-278	078	-055	-638	170	309	-066	099	-317	-386	170	359	-074	045	125	-303
170	246	-524	157	-109	-289	170	310	-116	091	-284	-402	170	360	-115	053	111	-388
170	247	-558	180	-053	-430	170	311	-221	146	-250	-830	170	361	-162	052	116	-415
170	248	-263	183	-357	-870	170	312	-075	156	-848	-335	170	362	-176	054	031	-407
170	249	-369	128	-003	-908	170	313	106	154	-796	-292	170	363	-221	065	-032	-531
170	250	-323	102	-078	-863	170	314	073	148	-624	-331	170	364	-207	074	128	-579
170	251	-235	062	-022	-634	170	315	047	141	-662	-290	170	365	-199	074	145	-526
170	252	-203	044	-024	-395	170	316	-044	136	-612	-402	170	366	-198	099	290	-628
170	253	-196	038	-064	-350	170	317	-435	127	-057	-1.045	170	367	-053	080	375	-284
170	254	-205	038	-062	-357	170	318	-006	149	-521	-613	170	368	-045	049	179	-223
170	255	-223	040	-076	-395	170	319	-116	147	-602	-261	170	369	-002	070	358	-313
170	256	-214	063	-022	-552	170	320	-151	144	-700	-254	170	370	-051	087	406	-221
170	257	-299	077	-056	-648	170	321	-014	110	-425	-268	170	371	-010	077	331	-236
170	258	-284	069	-013	-662	170	322	-105	082	-236	-347	170	372	-036	061	200	-255



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	373	-.068	.054	.188	-.253	170	437	-.336	.071	-.135	-.687	170	804	-.194	.030	-.068	-.295
170	374	-.144	.054	.043	-.449	170	438	-.283	.047	-.080	-.532	170	805	-.171	.058	.066	-.351
170	375	-.059	.074	.370	-.269	170	439	-.256	.044	-.008	-.524	170	806	-.144	.043	.000	-.349
170	376	-.054	.059	.186	-.236	170	440	-.229	.055	.026	-.562	170	901	-.258	.033	-.142	-.378
170	377	-.120	.068	.290	-.333	170	441	-.218	.092	.090	-.822	170	902	-.261	.043	-.117	-.497
170	378	-.075	.069	.377	-.307	170	442	-.350	.194	.160	-1.168	170	903	-.270	.066	-.024	-.675
170	379	-.025	.049	.238	-.177	170	443	-.484	.179	.177	-1.279	170	904	-.257	.075	.015	-.601
170	380	-.029	.080	.420	-.280	170	444	-.490	.160	.163	-1.215	170	905	-.278	.104	.066	-.859
170	381	-.062	.093	.445	-.159	170	445	-.248	.038	-.129	-.413	170	906	-.198	.086	.150	-.487
170	382	-.046	.090	.370	-.164	170	446	-.251	.041	-.072	-.418	170	907	-.339	.101	-.047	-.849
170	383	-.033	.069	.352	-.197	170	447	-.268	.043	-.023	-.510	170	908	-.266	.092	.205	-.669
170	384	-.036	.051	.107	-.213	170	448	-.286	.038	-.169	-.437	170	909	-.252	.069	.035	-.713
170	385	-.134	.041	.021	-.302	170	449	-.250	.032	-.129	-.378	170	910	-.270	.092	-.284	-.741
170	386	-.094	.048	.110	-.218	170	450	-.232	.032	-.112	-.371	170	911	-.253	.058	-.045	-.466
170	401	-.261	.087	.026	-.775	170	451	-.191	.040	-.011	-.481	170	912	-.341	.109	.171	-.745
170	402	-.359	.093	.051	-.813	170	452	-.170	.071	.067	-.709	170	913	-.301	.072	-.042	-.679
170	403	-.446	.078	-.097	-.747	170	453	-.234	.187	.111	-1.191	170	914	-.357	.088	.060	-.743
170	404	-.207	.031	-.095	-.371	170	454	-.428	.280	.184	-1.770	170	915	-.415	.108	.070	-.896
170	405	-.191	.032	-.050	-.401	170	455	-.469	.227	.144	-1.387	170	916	-.422	.103	.092	-.968
170	406	-.178	.046	-.030	-.466	170	456	-.241	.038	-.136	-.413	170	917	-.451	.102	.002	-.903
170	407	-.205	.066	-.036	-.577	170	457	-.229	.049	-.002	-.404	170	918	-.313	.078	.064	-.698
170	408	-.314	.076	-.092	-.707	170	458	-.261	.051	-.050	-.451	170	919	-.483	.086	.198	-.931
170	409	-.335	.106	-.062	-.840	170	459	-.284	.042	-.154	-.458	170	920	-.442	.071	.194	-.730
170	410	-.475	.119	-.052	-.963	170	460	-.247	.034	-.110	-.404	170	921	-.400	.075	.191	-.721
170	411	-.497	.118	-.023	-.991	170	461	-.220	.033	-.023	-.357	170	922	-.428	.069	.247	-.723
170	412	-.274	.059	-.100	-.760	170	462	-.177	.037	-.003	-.326	170	923	-.448	.075	.160	-.727
170	413	-.298	.064	-.100	-.803	170	463	-.154	.044	.045	-.312	170	924	-.389	.069	.180	-.687
170	414	-.280	.078	-.070	-.737	170	464	-.143	.059	.125	-.437	170	925	-.475	.113	.091	-.907
170	415	-.324	.146	-.027	-.918	170	465	-.136	.092	.184	-.700	170	926	-.431	.099	.124	-.923
170	416	-.468	.163	-.028	-1.192	170	466	-.166	.139	.292	-1.236	170	927	-.249	.149	.243	-.825
170	417	-.528	.181	-.047	-1.864	170	467	-.248	.039	-.154	-.420	170	928	-.086	.152	.705	-.415
170	418	-.260	.045	-.102	-.459	170	468	-.188	.035	-.053	-.314	170	929	.070	.130	.641	-.323
170	419	-.203	.033	-.065	-.416	170	469	-.162	.042	.020	-.305	180	101	-.405	.110	-.113	-.932
170	420	-.185	.037	-.040	-.404	170	470	-.344	.062	-.190	-.620	180	102	-.502	.131	.185	-1.245
170	421	-.164	.070	-.093	-.567	170	471	-.266	.039	-.145	-.455	180	103	-.341	.106	.089	-.949
170	422	-.287	.067	-.068	-.737	170	472	-.238	.034	-.131	-.387	180	104	-.346	.112	.065	-1.140
170	423	-.325	.052	-.090	-.612	170	473	-.184	.032	-.067	-.291	180	105	-.364	.100	.124	-1.027
170	424	-.253	.034	-.145	-.381	170	474	-.161	.041	.015	-.300	180	106	-.374	.080	.148	-.875
170	425	-.273	.045	-.112	-.780	170	475	-.185	.066	.111	-.439	180	107	-.325	.056	.134	-.553
170	426	-.259	.061	-.023	-.735	170	476	-.217	.084	.107	-.521	180	108	-.304	.041	.150	-.475
170	427	-.262	.099	-.106	-.833	170	477	-.230	.086	.147	-.531	180	109	-.296	.042	.146	-.546
170	428	-.336	.191	-.093	-1.094	170	478	-.205	.035	-.075	-.347	180	110	-.294	.042	.153	-.454
170	429	-.481	.175	-.151	-1.237	170	479	-.260	.037	-.140	-.400	180	111	-.377	.073	.159	-.791
170	430	-.487	.137	-.086	-.099	170	480	-.184	.032	-.049	-.304	180	112	-.298	.094	.053	-1.136
170	431	-.256	.033	-.143	-.371	170	481	-.152	.044	.074	-.370	180	113	-.298	.089	.018	-1.249
170	432	-.205	.041	-.040	-.363	170	482	-.150	.059	.057	-.342	180	114	-.330	.114	.020	-1.138
170	433	-.197	.052	-.083	-.414	170	483	-.181	.073	.083	-.375	180	115	-.365	.106	.058	-.958
170	434	-.272	.054	-.018	-.607	170	801	-.228	.034	-.141	-.370	180	116	-.362	.088	.134	-.880
170	435	-.280	.045	-.072	-.547	170	802	-.217	.043	-.077	-.417	180	117	-.340	.059	.127	-.581
170	436	-.250	.036	-.120	-.389	170	803	-.230	.032	-.122	-.368	180	118	-.334	.054	.188	-.589

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	119	-.318	.045	-.176	-.484	180	169	-.249	.073	-.057	-.648	180	235	-.465	.072	-.282	-.859
180	120	-.299	.035	-.176	-.413	180	170	-.310	.069	-.125	-.770	180	236	-.575	.189	-.001	-1.443
180	121	-.285	.036	-.162	-.409	180	171	-.296	.048	-.173	-.583	180	237	-.462	.066	-.134	-.776
180	122	-.287	.039	-.176	-.456	180	172	-.286	.045	-.163	-.509	180	238	-.477	.076	-.192	-.947
180	123	-.316	.056	-.112	-.596	180	173	-.286	.041	-.161	-.466	180	239	-.476	.082	-.212	-1.002
180	124	-.314	.076	-.120	-.833	180	174	-.291	.047	-.161	-.528	180	240	-.460	.084	-.175	-.859
180	125	-.305	.064	-.127	-.679	180	175	-.285	.044	-.147	-.487	180	241	-.375	.082	-.115	-.743
180	126	-.295	.049	-.120	-.513	180	176	-.282	.043	-.161	-.506	180	242	-.281	.056	-.061	-.577
180	127	-.308	.044	-.165	-.503	180	177	-.467	.085	-.235	-.936	180	243	-.271	.045	-.077	-.476
180	128	-.319	.041	-.200	-.477	180	178	-.223	.081	-.154	-.523	180	244	-.282	.046	-.124	-.478
180	129	-.314	.039	-.193	-.454	180	179	-.221	.064	-.113	-.489	180	245	-.383	.076	-.094	-.706
180	130	-.327	.054	-.110	-.570	180	180	-.317	.118	-.051	-.894	180	246	-.480	.095	-.260	-1.119
180	131	-.298	.036	-.186	-.449	180	181	-.294	.059	-.115	-.551	180	247	-.475	.091	-.132	-1.360
180	132	-.306	.038	-.181	-.461	180	182	-.293	.048	-.146	-.508	180	248	-.398	.103	-.160	-.788
180	133	-.287	.037	-.167	-.451	180	183	-.282	.032	-.206	-.425	180	249	-.432	.098	-.107	-.849
180	134	-.285	.037	-.165	-.489	180	184	-.283	.043	-.153	-.430	180	250	-.397	.095	-.079	-.708
180	135	-.291	.049	-.006	-.518	180	201	-.433	.082	-.159	-.869	180	251	-.324	.080	-.082	-.835
180	136	-.308	.063	-.131	-.624	180	202	-.430	.106	-.075	-.951	180	252	-.259	.052	-.110	-.506
180	137	-.308	.059	-.122	-.667	180	203	-.432	.155	-.068	-1.213	180	253	-.244	.039	-.112	-.403
180	138	-.290	.047	-.098	-.489	180	204	-.378	.056	-.225	-.643	180	254	-.256	.041	-.079	-.403
180	139	-.291	.040	-.174	-.465	180	205	-.389	.056	-.227	-.801	180	255	-.270	.048	-.103	-.443
180	140	-.304	.040	-.172	-.499	180	206	-.434	.068	-.260	-.614	180	256	-.321	.071	-.110	-.602
180	141	-.323	.043	-.197	-.482	180	207	-.408	.086	-.129	-.849	180	257	-.357	.075	-.147	-.893
180	142	-.320	.043	-.192	-.526	180	208	-.393	.096	-.009	-.977	180	258	-.361	.073	-.147	-.858
180	143	-.315	.041	-.190	-.468	180	209	-.349	.107	-.016	-.869	180	259	-.306	.075	-.097	-.609
180	144	-.482	.104	-.182	-.967	180	210	-.313	.096	-.002	-.846	180	260	-.342	.070	-.077	-.739
180	145	-.339	.099	-.029	-1.022	180	211	-.313	.099	-.046	-.849	180	261	-.306	.054	-.089	-.570
180	146	-.332	.089	-.051	-.837	180	212	-.146	.110	-.317	-.528	180	262	-.260	.040	-.103	-.478
180	147	-.302	.068	-.070	-.576	180	213	-.394	.080	-.024	-.729	180	263	-.247	.036	-.115	-.427
180	148	-.331	.061	-.118	-.667	180	214	-.366	.078	-.052	-.731	180	264	-.231	.036	-.103	-.401
180	149	-.320	.054	-.185	-.593	180	215	-.297	.078	-.004	-.791	180	265	-.235	.047	-.003	-.436
180	150	-.304	.047	-.166	-.533	180	216	-.267	.069	-.027	-.663	180	266	-.239	.055	-.028	-.431
180	151	-.299	.047	-.166	-.511	180	217	-.270	.074	-.029	-.661	180	267	-.263	.064	-.061	-.476
180	152	-.295	.044	-.168	-.526	180	218	-.132	.131	-.302	-.561	180	268	-.368	.097	-.133	-.940
180	153	-.295	.047	-.156	-.566	180	219	-.407	.059	-.212	-.653	180	269	-.337	.084	-.061	-.663
180	154	-.293	.046	-.158	-.497	180	220	-.413	.058	-.257	-.696	180	270	-.159	.060	-.160	-.382
180	155	-.326	.047	-.202	-.518	180	221	-.443	.063	-.280	-.781	180	271	-.329	.077	-.124	-.753
180	156	-.294	.090	-.045	-.873	180	222	-.458	.079	-.205	-.899	180	272	-.274	.048	-.145	-.502
180	157	-.301	.094	-.012	-.792	180	223	-.466	.101	-.019	-.887	180	273	-.232	.032	-.110	-.356
180	158	-.264	.061	-.038	-.523	180	224	-.088	.118	-.349	-.616	180	274	-.225	.035	-.129	-.375
180	159	-.319	.066	-.149	-.617	180	225	-.468	.083	-.207	-.914	180	275	-.215	.043	-.051	-.366
180	160	-.307	.051	-.170	-.569	180	226	-.467	.086	-.182	-.937	180	276	-.214	.062	-.019	-.452
180	161	-.295	.044	-.147	-.490	180	227	-.395	.076	-.117	-.819	180	277	-.220	.071	-.071	-.443
180	162	-.292	.046	-.142	-.485	180	228	-.295	.060	-.064	-.568	180	278	-.218	.054	-.053	-.411
180	163	-.292	.045	-.151	-.473	180	229	-.270	.051	-.077	-.553	180	279	-.200	.054	-.031	-.395
180	164	-.276	.043	-.139	-.475	180	230	-.278	.049	-.049	-.505	180	280	-.274	.081	-.050	-.638
180	165	-.284	.045	-.125	-.456	180	231	-.045	.103	-.377	-.345	180	281	-.236	.052	-.062	-.552
180	166	-.329	.044	-.202	-.494	180	232	-.445	.064	-.235	-.771	180	282	-.210	.033	-.072	-.344
180	167	-.280	.125	-.055	-1.152	180	233	-.445	.066	-.272	-.811	180	283	-.206	.036	-.060	-.335
180	168	-.264	.113	-.062	-.763	180	234	-.458	.069	-.247	-.834	180	284	-.200	.043	-.010	-.347

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	283	-.203	.062	.009	-.403	180	349	-.009	.082	.407	-.186	180	413	-.243	.053	.083	-.550
180	286	-.200	.064	.033	-.433	180	350	-.143	.072	.232	-.373	180	414	-.202	.062	.207	-.600
180	301	-.333	.123	.431	-.818	180	351	-.219	.069	.150	-.424	180	415	-.161	.093	.194	-.714
180	302	-.436	.103	.078	-.981	180	352	-.396	.072	-.024	-.633	180	416	-.240	.206	.326	-1.031
180	303	-.082	.248	.739	-.688	180	353	-.377	.111	.286	-.726	180	417	-.360	.203	.388	-1.597
180	304	-.181	.204	.541	-.683	180	354	-.310	.131	.261	-.692	180	418	-.332	.053	-.193	-.583
180	305	-.346	.145	.529	-.762	180	355	-.435	.135	.370	-.937	180	419	-.216	.032	-.071	-.354
180	306	-.131	.164	.529	-.632	180	356	-.113	.105	.544	-.336	180	420	-.174	.038	-.002	-.324
180	307	-.044	.099	.350	-.394	180	357	-.090	.054	.186	-.228	180	421	-.072	.086	.251	-.431
180	308	-.098	.089	.259	-.379	180	358	-.071	.071	.186	-.349	180	422	-.289	.063	.110	-.525
180	309	-.133	.079	.228	-.442	180	359	-.069	.042	.104	-.230	180	423	-.323	.056	-.127	-.602
180	310	-.181	.073	.147	-.432	180	360	-.126	.039	-.053	-.305	180	424	-.314	.040	-.198	-.485
180	311	-.284	.145	.368	-.851	180	361	-.211	.044	-.056	-.382	180	425	-.262	.045	-.031	-.438
180	312	-.164	.161	.692	-.315	180	362	-.254	.048	-.111	-.448	180	426	-.227	.051	.103	-.503
180	313	-.131	.150	.694	-.272	180	363	-.337	.079	-.111	-.644	180	427	-.177	.058	.130	-.520
180	314	-.055	.131	.524	-.293	180	364	-.323	.082	-.032	-.649	180	428	-.116	.137	.309	-.736
180	315	-.026	.116	.589	-.370	180	365	-.300	.073	.135	-.610	180	429	-.301	.242	.435	-1.337
180	316	-.036	.105	.343	-.372	180	366	-.330	.094	.203	-.673	180	430	-.341	.193	.326	-1.039
180	317	-.458	.111	-.088	-.984	180	367	-.114	.110	.583	-.184	180	431	-.300	.036	-.183	-.458
180	318	-.146	.137	.292	-.604	180	368	-.011	.047	.198	-.177	180	432	-.200	.044	.016	-.381
180	319	-.032	.140	.536	-.372	180	369	-.055	.087	.232	-.545	180	433	-.168	.061	.103	-.374
180	320	-.100	.114	.620	-.236	180	370	-.052	.078	.327	-.252	180	434	-.294	.056	.014	-.543
180	321	-.049	.082	.293	-.293	180	371	-.080	.072	.307	-.249	180	435	-.288	.048	-.014	-.503
180	322	-.144	.067	.130	-.379	180	372	-.137	.057	.085	-.315	180	436	-.299	.039	-.185	-.461
180	323	-.467	.104	-.047	-.963	180	373	-.170	.054	.027	-.361	180	437	-.432	.084	-.183	-.776
180	324	-.231	.157	.790	-.243	180	374	-.267	.070	-.007	-.539	180	438	-.308	.042	.121	-.483
180	325	-.257	.149	.794	-.140	180	375	-.099	.101	.310	-.470	180	439	-.257	.038	-.031	-.389
180	326	-.238	.148	.871	-.107	180	376	-.072	.069	.237	-.363	180	440	-.200	.043	.017	-.371
180	327	-.103	.126	.661	-.217	180	377	-.141	.093	.264	-.470	180	441	-.094	.066	.188	-.437
180	328	-.053	.123	.613	-.291	180	378	-.066	.127	.573	-.203	180	442	-.068	.142	.392	-.781
180	329	-.012	.113	.462	-.260	180	379	-.048	.062	.338	-.112	180	443	-.171	.249	.492	-.986
180	330	-.478	.094	-.241	-1.089	180	380	-.038	.084	.277	-.356	180	444	-.242	.246	.538	-1.060
180	331	-.065	.107	.362	-.401	180	381	-.006	.093	.399	-.235	180	445	-.309	.047	-.173	-.577
180	332	-.080	.112	.254	-.432	180	382	-.028	.080	.297	-.219	180	446	-.290	.056	-.002	-.507
180	333	-.081	.092	.307	-.372	180	383	-.107	.064	.152	-.306	180	447	-.320	.062	-.005	-.560
180	334	-.186	.067	.159	-.415	180	384	-.147	.056	.041	-.317	180	448	-.338	.047	-.193	-.526
180	335	-.465	.078	-.272	-.948	180	385	-.206	.053	-.044	-.389	180	449	-.266	.038	-.101	-.407
180	336	-.208	.144	.749	-.183	180	386	-.085	.069	.181	-.317	180	450	-.227	.040	-.045	-.365
180	337	-.240	.142	.823	-.150	180	401	-.241	.072	-.007	-.632	180	451	-.148	.048	.046	-.321
180	338	-.214	.136	.751	-.092	180	402	-.234	.121	.227	-.610	180	452	-.093	.058	.174	-.363
180	339	-.149	.124	.742	-.114	180	403	-.468	.084	-.051	-.850	180	453	-.033	.097	.422	-.533
180	340	-.043	.106	.522	-.183	180	404	-.225	.033	-.039	-.337	180	454	-.119	.258	.480	-1.615
180	341	-.071	.102	.414	-.443	180	405	-.188	.037	.068	-.347	180	455	-.172	.258	.527	-1.264
180	342	-.175	.108	.385	-.513	180	406	-.116	.049	.068	-.329	180	456	-.290	.044	-.163	-.535
180	343	-.502	.201	.165	-1.428	180	407	-.129	.097	-.323	-.666	180	457	-.306	.049	-.066	-.533
180	344	-.459	.069	-.249	-.724	180	408	-.329	.072	-.049	-.565	180	458	-.333	.048	-.214	-.544
180	345	-.203	.131	.740	-.283	180	409	-.305	.112	.036	-.786	180	459	-.267	.036	-.128	-.407
180	346	-.186	.113	.760	-.080	180	410	-.274	.161	.197	-.786	180	460	-.227	.035	-.077	-.363
180	347	-.129	.093	.573	-.198	180	411	-.351	.166	.338	-.002	180	461	-.227	.035	-.077	-.363
180	348	-.029	.073	.523	-.169	180	412	-.350	.063	-.178	-.696	180	462	-.156	.044	.013	-.303

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	463	.091	.059	.132	-.272	180	924	.422	.068	-.148	-.726	190	145	-.339	.118	-.021	-.930
180	464	.049	.075	.267	-.265	180	925	.364	.151	-.276	-.776	190	146	-.336	.104	-.021	-.760
180	465	.019	.101	.413	-.421	180	926	.399	.088	-.087	-.795	190	147	-.353	.084	-.001	-.729
180	466	.014	.121	.476	-.523	180	927	.312	.133	-.101	-.875	190	148	-.415	.093	-.088	-.827
180	467	.296	.045	-.156	-.540	180	928	.003	.148	.535	-.470	190	149	-.394	.078	-.059	-.784
180	468	.200	.039	-.038	-.365	180	929	.012	.117	.445	-.364	190	150	-.386	.070	-.088	-.860
180	469	.165	.050	-.062	-.305	190	101	.431	.100	-.141	-.804	190	151	-.379	.070	-.081	-.755
180	470	.444	.082	-.212	-.809	190	102	.507	.133	-.137	-1.034	190	152	-.393	.063	-.208	-.700
180	471	.325	.044	-.173	-.502	190	103	.413	.137	-.082	-1.100	190	153	-.394	.070	-.194	-.877
180	472	.273	.039	-.152	-.426	190	104	.402	.124	-.053	-1.187	190	154	-.389	.066	-.179	-.757
180	473	.182	.030	-.038	-.307	190	105	.406	.106	-.101	-1.038	190	155	-.322	.095	.010	-.645
180	474	.125	.039	.013	-.261	190	106	.442	.098	-.153	-1.123	190	156	-.247	.119	.106	-1.060
180	475	.097	.072	.204	-.409	190	107	.402	.073	-.157	-.771	190	157	-.288	.087	.104	-.654
180	476	.109	.109	.241	-.491	190	108	.380	.060	-.186	-.747	190	158	-.228	.087	-.124	-.851
180	477	.092	.138	.297	-.577	190	109	.366	.056	-.155	-.629	190	159	-.409	.103	-.055	-.865
180	478	.232	.047	-.031	-.397	190	110	.415	.061	-.146	-.801	190	160	-.411	.092	-.112	-.801
180	479	.312	.047	-.159	-.522	190	111	.415	.084	-.191	-.882	190	161	-.377	.074	-.093	-.774
180	480	.157	.039	.031	-.277	190	112	.335	.113	-.056	-1.147	190	162	-.378	.076	-.175	-.745
180	481	.084	.048	.153	-.234	190	113	.330	.105	-.022	-1.228	190	163	-.385	.067	-.107	-.685
180	482	.045	.068	.198	-.259	190	114	.347	.095	-.046	-.858	190	164	-.374	.068	-.134	-.635
180	483	.034	.091	.335	-.344	190	115	.400	.092	-.148	-.896	190	165	-.373	.062	-.093	-.666
180	801	.288	.046	-.152	-.512	190	116	.415	.082	-.172	-.886	190	166	-.327	.072	-.240	-1.064
180	802	.262	.059	-.080	-.540	190	117	.291	.101	-.082	-.837	190	167	-.224	.157	-.286	-1.052
180	803	.274	.039	.152	-.442	190	118	.420	.067	-.231	-.733	190	168	-.210	.143	-.209	-.702
180	804	.158	.040	.021	-.283	190	119	.401	.062	-.162	-.711	190	169	-.264	.105	-.019	-1.093
180	805	.048	.067	.173	-.309	190	120	.381	.053	-.226	-.586	190	170	-.355	.090	-.100	-.824
180	806	.227	.064	-.026	-.522	190	121	.363	.051	-.210	-.607	190	171	-.348	.070	-.155	-.717
180	901	.337	.042	-.217	-.485	190	122	.363	.054	-.188	-.624	190	172	-.353	.068	-.064	-.690
180	902	.358	.055	-.213	-.624	190	123	.286	.121	-.378	-.799	190	173	-.380	.076	-.172	-.762
180	903	.333	.088	.116	-.850	190	124	.345	.076	-.129	-.844	190	174	-.390	.079	-.191	-.863
180	904	.326	.107	.083	-.940	190	125	.343	.068	-.105	-.728	190	175	-.390	.084	-.136	-.870
180	905	.301	.111	.122	-.859	190	126	.349	.060	-.169	-.640	190	176	-.381	.114	-.081	-.937
180	906	.192	.077	-.162	-.608	190	127	.387	.058	-.176	-.645	190	177	-.192	.090	-.119	-.568
180	907	.424	.122	-.129	-.918	190	128	.398	.053	-.202	-.719	190	178	-.192	.073	-.107	-.595
180	908	.264	.094	.200	-.693	190	129	.398	.062	-.205	-.693	190	179	-.390	.165	-.034	-1.093
180	909	.247	.060	.011	-.496	190	130	.226	.113	-.340	-.626	190	180	-.343	.094	-.070	-.798
180	910	.262	.105	.243	-.735	190	131	.392	.067	-.179	-.761	190	181	-.327	.068	-.125	-.633
180	911	.188	.090	.367	-.510	190	132	.395	.062	-.089	-.707	190	182	-.328	.041	-.164	-.468
180	912	.352	.111	.151	-.873	190	133	.377	.056	-.202	-.704	190	183	-.329	.057	-.106	-.612
180	913	.298	.072	.165	-.615	190	134	.357	.060	-.181	-.702	190	184	-.479	.091	-.173	-.858
180	914	.314	.086	.038	-.631	190	135	.182	.096	-.237	-.517	190	201	-.453	.093	-.104	-.928
180	915	.377	.084	-.111	-.840	190	136	.361	.080	-.138	-.809	190	202	-.450	.117	-.125	-1.213
180	916	.435	.111	-.022	-1.075	190	137	.353	.073	-.115	-.749	190	203	-.365	.061	-.164	-.707
180	917	.449	.098	-.026	-.945	190	138	.363	.066	-.148	-.681	190	204	-.374	.055	-.189	-.744
180	918	.288	.073	-.044	-.656	190	139	.394	.069	-.172	-.723	190	205	-.420	.068	-.254	-.961
180	919	.462	.074	-.210	-.786	190	140	.393	.064	-.205	-.913	190	206	-.432	.094	-.139	-.973
180	920	.446	.070	-.245	-.725	190	141	.386	.071	-.184	-.772	190	207	-.443	.120	-.021	-1.134
180	921	.429	.080	-.192	-.818	190	142	.386	.071	-.136	-.980	190	208	-.398	.135	-.019	-1.169
180	922	.438	.064	-.252	-.674	190	143	.387	.064	-.211	-.757	190	209	-.367	.135	-.063	-1.121
180	923	.446	.073	-.208	-.746	190	144	.457	.196	-.214	-1.208	190	210	-.367	.135	-.063	-1.121

WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN
190	211	-.362	.127	-.074	-1.172	190	261	-.386	.060	-.201	-.639	190	325	.295	.169	.948	-.340
190	212	-.207	.087	-.092	-.677	190	262	-.326	.050	-.173	-.584	190	326	.239	.145	.761	-.311
190	213	-.428	.090	-.101	-.870	190	263	-.294	.045	-.147	-.516	190	327	.081	.108	.497	-.330
190	214	-.397	.101	-.058	-1.018	190	264	-.249	.046	-.097	-.457	190	328	.011	.101	.442	-.263
190	215	-.320	.103	.009	-.958	190	265	-.224	.062	-.029	-.479	190	329	-.036	.096	.413	-.371
190	216	-.301	.105	.032	-1.275	190	266	-.218	.070	-.004	-.467	190	330	-.472	.085	-.285	-1.043
190	217	-.300	.105	.002	-1.156	190	267	-.319	.055	-.109	-.544	190	331	-.134	.091	.197	-.717
190	218	-.225	.097	.193	-.611	190	268	-.458	.096	-.187	-.973	190	332	-.152	.094	.245	-.544
190	219	-.387	.058	-.212	-.682	190	269	-.424	.082	-.175	-.780	190	333	-.091	.092	.519	-.383
190	220	-.394	.058	-.212	-.659	190	270	-.179	.070	.180	-.431	190	334	-.192	.068	.200	-.498
190	221	-.430	.064	-.267	-.765	190	271	-.403	.094	-.130	-.850	190	335	-.453	.073	-.285	-.841
190	222	-.454	.073	-.146	-.830	190	272	-.332	.056	-.130	-.631	190	336	.304	.164	.922	-.383
190	223	-.473	.101	-.061	-1.016	190	273	-.282	.040	-.085	-.453	190	337	.288	.157	.932	-.354
190	224	-.156	.092	-.261	-.556	190	274	-.251	.043	-.111	-.422	190	338	.242	.133	.689	-.357
190	225	-.471	.079	-.212	-.945	190	275	-.209	.059	.004	-.479	190	339	.143	.114	.555	-.203
190	226	-.460	.074	-.270	-.910	190	276	-.176	.078	.079	-.462	190	340	.030	.089	.509	-.328
190	227	-.412	.063	-.179	-.722	190	277	-.174	.087	.079	-.521	190	341	-.110	.084	.275	-.390
190	228	-.328	.064	-.079	-.599	190	278	-.268	.052	-.049	-.446	190	342	-.241	.085	.159	-.524
190	229	-.290	.055	-.051	-.672	190	279	-.229	.056	-.000	-.398	190	343	-.642	.191	-.079	-1.495
190	230	-.300	.057	-.036	-.538	190	280	-.332	.112	-.036	-.946	190	344	-.476	.075	-.278	-.946
190	231	-.104	.089	-.231	-.689	190	281	-.285	.067	-.056	-.650	190	345	.290	.148	.858	-.606
190	232	-.420	.061	-.247	-.709	190	282	-.250	.041	-.097	-.415	190	346	.272	.139	.888	-.225
190	233	-.429	.060	-.244	-.847	190	283	-.229	.042	-.056	-.410	190	347	.187	.114	.705	-.196
190	234	-.438	.062	-.257	-.810	190	284	-.188	.061	.027	-.395	190	348	.049	.077	.395	-.150
190	235	-.450	.068	-.262	-.792	190	285	-.164	.074	.158	-.435	190	349	-.008	.075	.395	-.222
190	236	-.726	.176	-.224	-1.604	190	286	-.159	.085	.164	-.531	190	350	-.157	.068	.241	-.371
190	237	-.455	.063	-.295	-.830	190	301	-.311	.181	.579	-.874	190	351	-.250	.059	.011	-.458
190	238	-.471	.069	-.280	-.827	190	302	-.386	.161	.198	-.928	190	352	-.449	.069	-.188	-.735
190	239	-.483	.081	-.247	-1.081	190	303	-.022	.297	.780	-1.302	190	353	-.434	.106	.302	-.764
190	240	-.484	.087	-.282	-1.121	190	304	-.157	.261	.864	-1.115	190	354	-.366	.122	.271	-.791
190	241	-.419	.070	-.208	-.820	190	305	-.355	.169	.454	-1.055	190	355	-.443	.077	-.167	-.866
190	242	-.324	.052	-.118	-.504	190	306	-.182	.179	.694	-1.069	190	356	.197	.121	.798	-.371
190	243	-.298	.048	-.104	-.516	190	307	-.031	.113	.337	-.568	190	357	-.036	.060	.285	-.220
190	244	-.312	.052	-.149	-.566	190	308	-.129	.073	.149	-.402	190	358	-.055	.066	.176	-.312
190	245	-.441	.065	-.224	-.697	190	309	-.162	.067	.135	-.429	190	359	-.064	.041	.125	-.235
190	246	-.447	.068	-.264	-.782	190	310	-.211	.061	.068	-.482	190	360	-.140	.037	-.096	-.271
190	247	-.449	.074	-.274	-.857	190	311	-.342	.149	.250	-1.263	190	361	-.239	.038	-.123	-.397
190	248	-.440	.068	-.217	-.787	190	312	-.155	.175	.756	-.664	190	362	-.292	.045	-.159	-.482
190	249	-.468	.080	-.158	-1.013	190	313	-.140	.181	.696	-.573	190	363	-.404	.073	-.227	-.728
190	250	-.466	.077	-.238	-.860	190	314	-.047	.138	.533	-.618	190	364	-.394	.072	-.069	-.793
190	251	-.418	.081	-.198	-.860	190	315	-.039	.103	.310	-.455	190	365	-.362	.074	.113	-.677
190	252	-.335	.068	-.161	-.622	190	316	-.053	.100	.325	-.525	190	366	-.414	.084	.016	-.815
190	253	-.285	.047	-.140	-.493	190	317	-.487	.114	-.153	-1.084	190	367	-.177	.108	.618	-.082
190	254	-.275	.052	-.083	-.497	190	318	-.246	.102	.169	-.652	190	368	-.039	.052	.271	-.133
190	255	-.280	.058	-.041	-.488	190	319	-.027	.148	.478	-.604	190	369	-.064	.072	.234	-.426
190	256	-.397	.065	-.215	-.688	190	320	-.119	.109	.488	-.299	190	370	-.065	.054	.215	-.244
190	257	-.431	.079	-.217	-.827	190	321	-.058	.072	.209	-.306	190	371	-.099	.051	.173	-.271
190	258	-.432	.080	-.229	-.867	190	322	-.154	.059	.089	-.362	190	372	-.164	.045	.042	-.310
190	259	-.390	.072	-.095	-.676	190	323	-.471	.099	-.112	-.985	190	373	-.201	.045	-.021	-.358
190	260	-.413	.070	-.210	-.766	190	324	-.283	.177	.944	-.441	190	374	-.326	.064	-.065	-.555

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	373	-.075	.111	.399	-.470	190	439	-.161	.097	.409	-.461	190	806	-.273	.074	-.019	-.612
190	376	-.071	.072	.203	-.349	190	440	-.073	.092	.573	-.345	190	901	-.385	.056	-.222	-.687
190	377	-.159	.114	.402	-.555	190	441	-.000	.080	.481	-.273	190	902	-.406	.061	-.218	-.645
190	378	-.222	.128	.769	-.129	190	442	-.065	.092	.590	-.652	190	903	-.417	.096	-.126	-1.024
190	379	-.099	.070	.420	-.090	190	443	-.045	.193	.637	-.984	190	904	-.374	.123	-.010	-1.119
190	380	-.042	.069	.209	-.410	190	444	-.001	.242	.718	-.914	190	905	-.350	.123	.027	-1.128
190	381	-.033	.039	.254	-.222	190	445	-.397	.067	-.159	-.798	190	906	-.195	.111	.247	-.681
190	382	-.080	.054	.142	-.252	190	446	-.198	.162	.272	-.649	190	907	-.457	.131	-.110	-1.033
190	383	-.133	.051	.095	-.321	190	447	-.338	.088	-.027	-.638	190	908	-.271	.114	.255	-.671
190	384	-.171	.045	.016	-.321	190	448	-.209	.083	.161	-.473	190	909	-.252	.094	.013	-.671
190	385	-.240	.055	-.032	-.409	190	449	-.149	.082	.258	-.406	190	910	-.238	.135	.291	-.740
190	386	-.057	.093	.235	-.329	190	450	-.050	.076	.419	-.241	190	911	-.136	.107	.371	-.533
190	401	-.359	.110	.002	-.876	190	451	-.012	.070	.284	-.227	190	912	-.410	.146	.120	-1.268
190	402	-.120	.164	.273	-.930	190	452	.080	.074	.437	-.180	190	913	-.246	.121	.224	-.883
190	403	-.440	.197	.347	-.995	190	453	.108	.137	.544	-.893	190	914	-.355	.131	.161	-.894
190	404	-.237	.068	.121	-.494	190	454	-.050	.199	.604	-1.610	190	915	-.337	.070	-.119	-.757
190	405	-.176	.072	.317	-.434	190	455	-.388	.067	.101	-.754	190	916	-.434	.118	.007	-.978
190	406	-.107	.057	.186	-.320	190	456	-.281	.090	.043	-.614	190	917	-.305	.128	.062	-.836
190	407	-.060	.119	.377	-.514	190	457	-.286	.105	.191	-.601	190	918	-.431	.063	-.251	-1.274
190	408	-.342	.110	.089	-1.037	190	458	-.330	.065	-.043	-.672	190	919	-.535	.102	.127	-.672
190	409	-.383	.155	.121	-1.012	190	459	-.249	.062	.108	-.489	190	920	-.489	.092	-.179	-.956
190	410	-.171	.204	.342	-1.151	190	460	-.191	.056	.189	-.385	190	921	-.511	.092	-.268	-1.088
190	411	-.168	.252	.496	-1.143	190	461	-.093	.054	.189	-.269	190	922	-.493	.092	-.129	-.789
190	412	-.428	.078	.218	-.762	190	462	-.025	.055	.303	-.187	190	923	-.470	.083	-.176	-.841
190	413	-.177	.084	.273	-.531	190	463	-.054	.064	.347	-.162	190	924	-.273	.253	.423	-1.261
190	414	-.141	.083	.211	-.523	190	464	-.119	.073	.419	-.134	190	925	-.376	.147	.233	-.991
190	415	-.076	.096	.357	-.593	190	465	-.160	.092	.565	-.132	190	926	-.367	.157	.124	-1.479
190	416	-.056	.185	.479	-.856	190	466	-.363	.068	.134	-.628	190	927	-.126	.126	.411	-.623
190	417	-.131	.242	.575	-1.553	190	467	-.252	.049	-.025	-.459	190	928	-.040	.120	.414	-.605
190	418	-.417	.066	.236	-.791	190	468	-.189	.057	-.040	-.380	200	101	-.458	.142	.058	-1.043
190	419	-.206	.077	.350	-.459	190	469	-.376	.123	-.078	-1.030	200	102	-.447	.119	-.044	-1.014
190	420	-.131	.085	.320	-.432	190	470	-.290	.070	-.083	-.619	200	103	-.386	.121	-.088	-1.295
190	421	-.019	.107	.573	-.362	190	471	-.233	.058	-.004	-.468	200	104	-.383	.111	-.027	-1.132
190	422	-.196	.127	.461	-.640	190	472	-.128	.044	.068	-.252	200	105	-.385	.101	.145	-.838
190	423	-.298	.121	.340	-.836	190	473	-.051	.044	.159	-.192	200	106	-.425	.112	-.015	-.944
190	424	-.400	.064	.211	-.893	190	474	-.016	.053	.249	-.187	200	107	-.452	.128	-.046	-1.210
190	425	-.156	.100	.491	-.469	190	475	-.059	.068	.395	-.259	200	108	-.442	.120	-.145	-1.175
190	426	-.126	.094	.357	-.442	190	476	-.077	.087	.377	-.387	200	109	-.422	.093	-.175	-.847
190	427	-.069	.085	.483	-.382	190	477	-.248	.063	.091	-.462	200	110	-.416	.095	-.168	-1.019
190	428	-.032	.088	.429	-.466	190	478	-.290	.062	-.087	-.565	200	111	-.405	.103	-.098	-.847
190	429	-.018	.216	.627	-1.384	190	479	-.116	.045	.063	-.271	200	112	-.331	.085	-.036	-.739
190	430	-.051	.231	.583	-.970	190	480	-.038	.048	.149	-.201	200	113	-.320	.081	-.027	-1.040
190	431	-.392	.071	.154	-.841	190	481	-.018	.053	.320	-.150	200	114	-.352	.087	.001	-.842
190	432	-.170	.082	.218	-.459	190	482	-.034	.057	.278	-.181	200	115	-.402	.104	-.032	-1.010
190	433	-.076	.106	.345	-.447	190	483	-.330	.064	-.106	-.638	200	116	-.407	.095	-.008	-1.014
190	434	-.200	.108	.268	-.702	190	801	-.265	.080	.007	-.567	200	117	-.137	.160	.524	-.904
190	435	-.181	.094	.253	-.501	190	802	-.327	.054	.156	-.565	200	118	-.436	.099	-.072	-.960
190	436	-.390	.062	-.196	-.804	190	803	-.113	.045	.108	-.287	200	119	-.433	.089	-.088	-.849
190	437	-.406	.173	.176	-1.064	190	804	-.009	.051	.209	-.189	200	120	-.428	.086	-.192	-.906
190	438	-.225	.109	.439	-.600	190	805					200					

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	121	-.403	.070	-.225	-.823	200	171	-.322	.099	-.032	-.853	200	237	-.388	.068	-.216	-.798
200	122	-.400	.075	-.208	-.918	200	172	-.320	.071	-.089	-.626	200	238	-.396	.073	-.085	-.892
200	123	-.022	.155	-.663	-.442	200	173	-.322	.069	-.073	-.727	200	239	-.394	.073	-.090	-.815
200	124	-.341	.074	-.119	-.739	200	174	-.375	.096	-.035	-.949	200	240	-.389	.071	-.196	-.897
200	125	-.338	.066	-.013	-.694	200	175	-.425	.098	-.068	-1.058	200	241	-.348	.054	-.165	-.925
200	126	-.355	.073	-.062	-.701	200	176	-.340	.164	-.135	-1.543	200	242	-.303	.046	-.135	-.530
200	127	-.402	.078	-.135	-.774	200	177	-.187	.068	-.059	-.572	200	243	-.294	.046	-.160	-.631
200	128	-.430	.087	-.140	-.882	200	178	-.138	.049	.145	-.331	200	244	-.302	.054	-.080	-.684
200	129	-.435	.088	-.225	-.904	200	179	-.148	.047	.109	-.323	200	245	-.372	.056	-.112	-.594
200	130	-.029	.140	-.616	-.432	200	180	-.245	.100	.002	-.732	200	246	-.395	.057	-.230	-.731
200	131	-.453	.101	-.230	-1.130	200	181	-.246	.069	-.010	-.529	200	247	-.393	.052	-.248	-.830
200	132	-.432	.091	-.194	-.967	200	182	-.268	.062	-.068	-.558	200	248	-.399	.058	-.209	-.724
200	133	-.430	.076	-.227	-.823	200	183	-.284	.038	-.144	-.417	200	249	-.417	.074	-.117	-.855
200	134	-.418	.074	-.213	-.783	200	184	-.290	.050	-.127	-.469	200	250	-.409	.068	-.232	-.918
200	135	-.050	.151	-.694	-.590	200	201	-.343	.130	-.207	-1.092	200	251	-.403	.069	-.190	-.851
200	136	-.343	.084	-.058	-.814	200	202	-.434	.085	-.207	-.773	200	252	-.356	.063	-.080	-.666
200	137	-.343	.073	-.109	-.691	200	203	-.407	.096	-.082	-.949	200	253	-.289	.047	-.133	-.497
200	138	-.365	.078	-.015	-.774	200	204	-.337	.053	-.152	-.601	200	254	-.262	.048	-.123	-.495
200	139	-.408	.086	-.128	-.788	200	205	-.342	.053	-.191	-.613	200	255	-.264	.051	-.082	-.691
200	140	-.433	.088	-.088	-1.036	200	206	-.369	.051	-.226	-.618	200	256	-.340	.053	-.179	-.608
200	141	-.431	.095	-.182	-1.106	200	207	-.377	.074	-.164	-.732	200	257	-.406	.068	-.239	-.846
200	142	-.451	.102	-.156	-1.030	200	208	-.401	.097	-.095	-.867	200	258	-.409	.071	-.211	-.846
200	143	-.452	.096	-.225	-1.054	200	209	-.363	.106	-.115	-.882	200	259	-.350	.070	-.001	-.594
200	144	-.180	.158	-.312	-.906	200	210	-.325	.095	-.068	-1.097	200	260	-.411	.067	-.202	-.738
200	145	-.289	.085	.004	-.727	200	211	-.330	.094	-.098	-.971	200	261	-.377	.054	-.225	-.668
200	146	-.292	.081	.039	-.672	200	212	-.268	.093	-.218	-.737	200	262	-.338	.047	-.204	-.613
200	147	-.338	.095	-.063	-.736	200	213	-.363	.084	-.048	-.771	200	263	-.290	.044	-.151	-.553
200	148	-.418	.104	-.051	-.858	200	214	-.345	.086	-.117	-.894	200	264	-.219	.043	-.070	-.456
200	149	-.460	.115	-.101	-1.039	200	215	-.292	.080	-.048	-.845	200	265	-.177	.046	-.001	-.474
200	150	-.454	.105	-.111	-1.035	200	216	-.286	.076	-.041	-.843	200	266	-.174	.050	-.073	-.405
200	151	-.456	.108	-.073	-1.319	200	217	-.287	.077	-.075	-.778	200	267	-.282	.047	-.128	-.449
200	152	-.476	.092	-.218	-1.006	200	218	-.226	.089	-.194	-.510	200	268	-.379	.063	-.193	-.698
200	153	-.464	.090	-.237	-.901	200	219	-.342	.053	-.189	-.690	200	269	-.362	.060	-.174	-.648
200	154	-.465	.092	-.249	-1.008	200	220	-.337	.052	-.167	-.606	200	270	-.225	.059	-.082	-.391
200	155	-.174	.085	-.185	-.514	200	221	-.354	.050	-.201	-.606	200	271	-.417	.087	-.202	-.895
200	156	-.178	.069	-.102	-.605	200	222	-.383	.058	-.206	-.660	200	272	-.350	.053	-.220	-.585
200	157	-.186	.073	-.080	-.560	200	223	-.403	.082	-.167	-.963	200	273	-.290	.035	-.170	-.440
200	158	-.249	.083	-.039	-.774	200	224	-.213	.107	-.302	-.670	200	274	-.235	.031	-.107	-.343
200	159	-.353	.106	-.030	-.946	200	225	-.388	.059	-.228	-.746	200	275	-.182	.040	-.038	-.329
200	160	-.437	.110	-.051	-.889	200	226	-.372	.060	-.140	-.700	200	276	-.146	.046	-.006	-.488
200	161	-.475	.122	-.020	-1.123	200	227	-.347	.051	-.157	-.611	200	277	-.133	.050	-.061	-.370
200	162	-.485	.120	-.142	-1.142	200	228	-.296	.047	-.112	-.512	200	278	-.269	.046	-.082	-.464
200	163	-.478	.108	-.149	-.994	200	229	-.283	.049	-.105	-.608	200	279	-.251	.049	-.041	-.421
200	164	-.491	.107	-.230	-1.087	200	230	-.296	.051	-.122	-.645	200	280	-.397	.095	-.102	-.902
200	165	-.477	.100	-.218	-1.063	200	231	-.213	.121	-.255	-.670	200	281	-.324	.056	-.155	-.673
200	166	-.259	.052	-.082	-.502	200	232	-.358	.061	-.186	-.850	200	282	-.270	.037	-.116	-.424
200	167	-.132	.055	-.073	-.483	200	233	-.364	.063	-.164	-.700	200	283	-.221	.036	-.092	-.356
200	168	-.139	.057	-.130	-.400	200	234	-.379	.062	-.216	-.776	200	284	-.167	.038	-.003	-.305
200	169	-.186	.076	-.106	-.605	200	235	-.382	.061	-.216	-.695	200	285	-.154	.043	-.016	-.384
200	170	-.264	.096	-.030	-.684	200	236	-.412	.139	-.019	-1.116	200	286	-.147	.045	-.012	-.331

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	301	- .270	.185	.424	-1.101	200	351	- .214	.076	.176	- .499	200	415	- .019	.152	.696	- .452
200	302	- .359	.145	.070	-1.036	200	352	- .382	.067	- .179	- .709	200	416	- .045	.145	.782	- .743
200	303	- .304	.202	.380	-1.132	200	353	- .327	.120	- .591	- .656	200	417	- .069	.138	.516	- .718
200	304	- .329	.183	.337	-1.010	200	354	- .264	.129	- .455	- .647	200	418	- .435	.097	.007	- .945
200	305	- .370	.159	.262	- .989	200	355	- .400	.065	- .162	- .785	200	419	- .114	.096	.434	- .452
200	306	- .320	.155	.521	- .932	200	356	- .052	.255	.684	-1.379	200	420	- .011	.123	.558	- .353
200	307	- .196	.113	.213	- .583	200	357	- .126	.187	.207	-1.508	200	421	- .137	.151	.755	- .326
200	308	- .198	.094	.187	- .534	200	358	- .135	.080	.091	-1.016	200	422	- .037	.166	.676	- .498
200	309	- .215	.085	.125	- .522	200	359	- .116	.054	.074	- .434	200	423	- .016	.155	.612	- .493
200	310	- .250	.074	.071	- .534	200	360	- .159	.042	- .026	- .296	200	424	- .456	.106	.197	-1.293
200	311	- .372	.168	.081	-1.363	200	361	- .227	.035	- .081	- .372	200	425	- .094	.148	.686	- .340
200	312	- .252	.180	.434	-1.003	200	362	- .267	.038	- .136	- .434	200	426	- .101	.156	.819	- .377
200	313	- .244	.183	.446	-1.236	200	363	- .358	.064	- .177	- .675	200	427	- .136	.152	.780	- .254
200	314	- .223	.159	.439	-1.064	200	364	- .333	.074	- .095	- .632	200	428	- .112	.136	.829	- .259
200	315	- .202	.129	.281	- .974	200	365	- .271	.087	.086	- .592	200	429	- .055	.124	.706	- .713
200	316	- .213	.113	.293	- .664	200	366	- .359	.093	- .083	- .682	200	430	- .008	.119	.609	- .762
200	317	- .415	.098	.164	-1.007	200	367	- .027	.130	- .538	- .876	200	431	- .451	.109	.210	-1.552
200	318	- .241	.090	.194	- .558	200	368	- .050	.070	- .176	- .756	200	432	- .131	.091	.247	- .427
200	319	- .195	.146	.373	- .619	200	369	- .105	.067	- .119	- .420	200	433	- .015	.122	.498	- .456
200	320	- .038	.128	.557	- .390	200	370	- .108	.054	.181	- .289	200	434	- .039	.142	.530	- .439
200	321	- .129	.090	.246	- .437	200	371	- .137	.051	.100	- .289	200	435	- .050	.150	.676	- .609
200	322	- .186	.075	.118	- .543	200	372	- .171	.043	.002	- .305	200	436	- .466	.099	.222	- .997
200	323	- .407	.084	.181	-1.010	200	373	- .201	.043	.000	- .346	200	437	- .154	.133	.264	- .831
200	324	- .175	.200	.531	-1.000	200	374	- .290	.049	- .093	- .468	200	438	- .003	.129	.553	- .577
200	325	- .156	.213	.592	-1.078	200	375	- .162	.109	- .174	- .501	200	439	- .062	.148	.372	- .434
200	326	- .125	.199	.573	- .913	200	376	- .095	.073	- .155	- .384	200	440	- .131	.138	.743	- .232
200	327	- .095	.122	.392	- .602	200	377	- .205	.096	- .274	- .477	200	441	- .150	.141	.694	- .239
200	328	- .138	.115	.387	- .487	200	378	- .019	.137	- .708	- .487	200	442	- .145	.128	.680	- .205
200	329	- .148	.107	.340	- .543	200	379	- .001	.077	.310	- .495	200	443	- .078	.131	.660	- .748
200	330	- .399	.069	.244	- .843	200	380	- .085	.065	- .210	- .397	200	444	- .031	.107	.528	- .669
200	331	- .229	.121	.201	- .656	200	381	- .106	.051	- .147	- .262	200	445	- .488	.095	.186	-1.173
200	332	- .219	.121	.321	- .689	200	382	- .134	.050	- .186	- .322	200	446	- .133	.090	.193	- .454
200	333	- .106	.147	.472	- .600	200	383	- .161	.048	- .070	- .283	200	447	- .017	.126	.479	- .542
200	334	- .162	.109	.304	- .496	200	384	- .194	.042	- .019	- .340	200	448	- .199	.081	.124	- .521
200	335	- .384	.064	.209	- .718	200	385	- .258	.049	- .054	- .435	200	449	- .042	.111	.496	- .466
200	336	- .167	.211	.575	-1.099	200	386	- .133	.076	.210	- .320	200	450	- .024	.117	.486	- .304
200	337	- .131	.230	.469	-1.210	200	401	- .471	.144	.136	-1.268	200	451	- .103	.127	.588	- .218
200	338	- .081	.215	.582	-1.005	200	402	- .481	.171	- .178	-1.137	200	452	- .146	.133	.851	- .191
200	339	- .030	.127	.521	- .779	200	403	- .257	.221	- .429	-1.305	200	453	- .130	.111	.643	- .138
200	340	- .071	.106	.451	- .503	200	404	- .123	.113	- .370	- .484	200	454	- .101	.102	.590	- .849
200	341	- .153	.097	.329	- .518	200	405	- .037	.119	- .538	- .380	200	455	- .051	.104	.452	- .752
200	342	- .200	.087	.153	- .637	200	406	- .021	.121	- .553	- .264	200	456	- .508	.122	.140	-1.277
200	343	- .394	.123	.107	-1.107	200	407	- .006	.141	- .585	- .402	200	457	- .207	.074	.080	- .466
200	344	- .410	.087	.134	- .899	200	408	- .349	.238	- .380	-1.461	200	458	- .133	.106	.223	- .507
200	345	- .069	.283	.677	-1.493	200	409	- .485	.200	- .252	-1.288	200	459	- .283	.052	.075	- .523
200	346	- .037	.267	.789	-1.248	200	410	- .402	.189	- .501	-1.009	200	460	- .172	.063	.068	- .385
200	347	- .001	.165	.503	- .828	200	411	- .390	.198	- .479	-1.318	200	461	- .109	.075	.172	- .306
200	348	- .018	.109	.575	- .499	200	412	- .465	.108	- .089	-1.024	200	462	- .016	.104	.445	- .327
200	349	- .029	.116	.446	- .530	200	413	- .014	.161	- .871	- .637	200	463	- .033	.110	.701	- .232
200	350	- .146	.089	.305	- .477	200	414	- .017	.158	- .693	- .489	200	464	- .071	.094	.544	- .251



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	465	.081	.083	.533	-.142	200	926	-.428	.150	.084	-1.055	210	147	-.337	.093	-.012	-.687
200	466	.062	.079	.359	-.244	200	927	-.392	.164	.086	-1.438	210	148	-.430	.105	-.057	-.896
200	467	.315	.086	.047	-.780	200	928	-.221	.121	.338	-.617	210	149	-.485	.118	-.150	-1.212
200	468	.293	.055	-.050	-.558	200	929	-.207	.116	.279	-.560	210	150	-.507	.116	-.112	-.987
200	469	.204	.048	.029	-.422	210	101	-.465	.164	.051	-1.279	210	151	-.498	.108	-.151	-1.090
200	470	.177	.067	.063	-.484	210	102	-.483	.129	-.093	-1.060	210	152	-.506	.093	-.263	-.980
200	471	.165	.060	.054	-.454	210	103	-.389	.145	-.024	-1.213	210	153	-.496	.087	-.266	-.953
200	472	.132	.058	.151	-.350	210	104	-.390	.137	-.014	-1.062	210	154	-.501	.087	-.287	-.939
200	473	.045	.069	.288	-.242	210	105	-.402	.126	-.031	-.979	210	155	-.156	.072	.134	-.381
200	474	.004	.067	.301	-.184	210	106	-.457	.137	-.017	-1.362	210	156	-.179	.057	.014	-.532
200	475	.032	.062	.306	-.239	210	107	-.474	.130	-.093	-1.329	210	157	-.184	.061	-.007	-.501
200	476	.046	.059	.288	-.179	210	108	-.464	.108	-.202	-1.180	210	158	-.228	.077	-.009	-.592
200	477	.045	.063	.313	-.292	210	109	-.424	.077	-.209	-.818	210	159	-.324	.104	-.086	-.862
200	478	.145	.094	.368	-.383	210	110	-.416	.076	-.206	-.788	210	160	-.432	.122	-.045	-1.008
200	479	.164	.077	.152	-.428	210	111	-.431	.117	-.037	-1.038	210	161	-.413	.130	-.124	-1.205
200	480	.039	.095	.521	-.229	210	112	-.331	.105	-.040	-.882	210	162	-.517	.128	-.098	-1.090
200	481	.012	.094	.639	-.152	210	113	-.332	.102	-.015	-1.057	210	163	-.516	.107	-.175	-1.238
200	482	.052	.081	.479	-.126	210	114	-.363	.100	-.029	-.835	210	164	-.524	.112	-.222	-1.226
200	483	.052	.072	.481	-.168	210	115	-.415	.109	-.050	-.984	210	165	-.520	.104	-.254	-1.121
200	801	.260	.062	-.061	-.549	210	116	-.427	.104	-.114	-.951	210	166	-.243	.050	-.081	-.460
200	802	.185	.059	.040	-.549	210	117	-.035	.133	.793	-.480	210	167	-.142	.042	.043	-.366
200	803	.282	.052	-.056	-.480	210	118	-.462	.096	-.012	-.967	210	168	-.153	.046	.060	-.402
200	804	.051	.069	.266	-.248	210	119	-.443	.077	-.220	-.776	210	169	-.181	.057	.058	-.532
200	805	.023	.066	.324	-.154	210	120	-.433	.066	-.254	-.731	210	170	-.236	.079	.024	-.692
200	806	.272	.059	-.070	-.602	210	121	-.412	.062	-.225	-.700	210	171	-.301	.097	-.057	-.824
200	901	.412	.088	.179	-.899	210	122	-.399	.058	-.223	-.648	210	172	-.292	.074	-.081	-.702
200	902	.409	.094	-.029	-.904	210	123	-.105	.137	.680	-.317	210	173	-.302	.075	-.096	-.673
200	903	.385	.099	.043	-.781	210	124	-.356	.088	-.054	-.745	210	174	-.354	.114	-.041	-.975
200	904	.351	.102	-.068	-.858	210	125	-.352	.078	-.107	-.809	210	175	-.404	.107	-.079	-.937
200	905	.334	.093	-.058	-.838	210	126	-.365	.068	-.107	-.622	210	176	-.522	.159	-.196	-1.468
200	906	.411	.145	.251	-.057	210	127	-.417	.073	-.128	-.752	210	177	-.168	.068	.053	-.843
200	907	.447	.115	-.013	-.835	210	128	-.450	.077	-.242	-.856	210	178	-.147	.038	.051	-.407
200	908	.276	.095	.147	-.607	210	129	-.448	.078	-.202	-.899	210	179	-.156	.039	.032	-.294
200	909	.408	.122	-.048	-.993	210	130	-.078	.125	.614	-.305	210	180	-.223	.082	-.036	-.706
200	910	.261	.104	.211	-.750	210	131	-.465	.089	-.206	-.908	210	181	-.224	.059	.048	-.593
200	911	.045	.152	.699	-.413	210	132	-.447	.073	-.258	-.809	210	182	-.240	.056	-.025	-.551
200	912	.384	.114	-.089	-.903	210	133	-.437	.066	-.256	-.792	210	183	-.254	.036	-.138	-.421
200	913	.002	.177	.663	-.680	210	134	-.430	.065	-.242	-.691	210	184	-.267	.052	-.034	-.586
200	914	.506	.138	-.078	-.1066	210	135	-.106	.125	.630	-.275	210	201	-.651	.155	-.240	-1.457
200	915	.400	.128	-.101	-.1049	210	136	-.355	.088	-.079	-.752	210	202	-.400	.093	-.134	-.766
200	916	.342	.118	-.049	-.858	210	137	-.348	.076	-.028	-.617	210	203	-.353	.095	-.004	-.701
200	917	.389	.064	-.097	-.710	210	138	-.374	.079	-.022	-.740	210	204	-.348	.052	-.198	-.569
200	918	.345	.247	-.782	-.1245	210	139	-.421	.081	-.109	-.837	210	205	-.348	.048	-.211	-.566
200	919	.378	.036	-.197	-.733	210	140	-.441	.074	-.223	-.856	210	206	-.364	.047	-.235	-.598
200	920	.511	.127	-.013	-.1066	210	141	-.452	.085	-.189	-.968	210	207	-.347	.068	-.171	-.966
200	921	.368	.121	.242	-.772	210	142	-.462	.095	-.144	-.167	210	208	-.385	.099	-.159	-.907
200	922	.492	.142	.016	-.1182	210	143	-.484	.099	-.227	-.186	210	209	-.353	.112	-.065	-.885
200	923	.339	.123	.101	-.792	210	144	-.262	.168	.249	-.939	210	210	-.328	.104	-.045	-.961
200	924	.385	.104	-.025	-.812	210	145	-.273	.079	.012	-.637	210	211	-.329	.097	-.082	-.865
200	925	.408	.154	.142	-.1050	210	146	-.285	.081	.007	-.628	210	212	-.301	.070	-.025	-.818

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	213	-.360	.088	-.097	-.882	210	263	-.271	.033	-.160	-.421	210	327	-.225	.097	.071	-.689
210	214	-.341	.105	-.077	-1.018	210	264	-.209	.033	-.096	-.359	210	328	-.223	.071	.109	-.628
210	215	-.288	.084	-.008	-.877	210	265	-.178	.036	-.057	-.359	210	329	-.239	.065	-.045	-.548
210	216	-.288	.083	.002	-.919	210	266	-.174	.042	-.022	-.384	210	330	-.396	.064	-.240	-.746
210	217	-.289	.086	-.025	-.823	210	267	-.326	.051	-.170	-.530	210	331	-.275	.061	-.070	-.689
210	218	-.279	.068	-.027	-.621	210	268	-.370	.047	-.230	-.675	210	332	-.272	.073	.078	-.753
210	219	-.354	.048	-.216	-.522	210	269	-.368	.052	-.227	-.590	210	333	-.236	.082	.196	-.494
210	220	-.361	.050	-.196	-.529	210	270	-.263	.049	-.036	-.444	210	334	-.273	.069	-.004	-.517
210	221	-.369	.052	-.208	-.613	210	271	-.347	.053	-.197	-.634	210	335	-.388	.056	-.242	-.623
210	222	-.394	.061	-.220	-.798	210	272	-.319	.036	-.204	-.472	210	336	-.436	.163	.153	-1.198
210	223	-.409	.084	-.191	-.937	210	273	-.277	.028	-.188	-.437	210	337	-.425	.182	.168	-1.899
210	224	-.300	.065	-.082	-.603	210	274	-.239	.027	-.126	-.343	210	338	-.346	.195	.130	-1.096
210	225	-.378	.053	-.238	-.702	210	275	-.190	.031	-.077	-.313	210	339	-.193	.114	.193	-1.085
210	226	-.380	.056	-.230	-.611	210	276	-.160	.035	-.017	-.315	210	340	-.204	.066	.142	-.668
210	227	-.348	.052	-.196	-.618	210	277	-.151	.036	-.045	-.278	210	341	-.255	.066	.064	-.682
210	228	-.294	.049	-.109	-.500	210	278	-.295	.044	-.164	-.487	210	342	-.302	.074	.002	-.789
210	229	-.293	.050	-.092	-.497	210	279	-.282	.044	-.142	-.475	210	343	-.485	.116	-.113	-1.006
210	230	-.303	.053	-.109	-.564	210	280	-.337	.063	-.132	-.676	210	344	-.390	.058	.225	-.646
210	231	-.259	.062	-.007	-.687	210	281	-.296	.039	-.168	-.590	210	345	-.419	.175	.176	-1.292
210	232	-.378	.051	-.233	-.581	210	282	-.257	.028	-.165	-.373	210	346	-.427	.196	.123	-1.333
210	233	-.378	.051	-.233	-.581	210	283	-.220	.029	-.125	-.335	210	347	-.275	.202	.157	-1.373
210	234	-.379	.050	-.240	-.588	210	284	-.175	.031	-.018	-.323	210	348	-.176	.072	.109	-.744
210	235	-.387	.054	-.238	-.596	210	285	-.166	.034	-.053	-.332	210	349	-.182	.052	.133	-.396
210	236	-.504	.119	-.178	-1.157	210	286	-.161	.036	-.018	-.328	210	350	-.252	.049	.064	-.427
210	237	-.395	.056	-.220	-.628	210	301	-.390	.218	.309	-1.209	210	351	-.296	.050	.083	-.480
210	238	-.392	.058	-.235	-.663	210	302	-.364	.120	.028	-.963	210	352	-.363	.054	-.174	-.620
210	239	-.383	.060	-.201	-.714	210	303	-.521	.201	.342	-1.186	210	353	-.369	.073	.314	-.661
210	240	-.380	.056	-.171	-.722	210	304	-.440	.211	.191	-1.118	210	354	-.342	.075	.038	-.589
210	241	-.342	.048	-.165	-.581	210	305	-.275	.144	.370	-1.016	210	355	-.392	.060	-.141	-.718
210	242	-.298	.040	-.163	-.458	210	306	-.264	.087	.066	-.812	210	356	-.398	.199	.109	-1.452
210	243	-.293	.042	-.151	-.479	210	307	-.207	.081	.233	-.604	210	357	-.383	.208	.095	-1.621
210	244	-.300	.045	-.135	-.516	210	308	-.220	.076	.062	-.764	210	358	-.226	.096	.028	-.880
210	245	-.362	.054	-.216	-.604	210	309	-.265	.076	.015	-.779	210	359	-.202	.047	.007	-.513
210	246	-.393	.054	-.257	-.664	210	310	-.294	.070	.064	-.663	210	360	-.219	.034	-.105	-.403
210	247	-.394	.056	-.244	-.685	210	311	-.260	.086	.063	-.797	210	361	-.257	.035	-.148	-.396
210	248	-.382	.056	-.121	-.620	210	312	-.521	.245	.297	-1.647	210	362	-.281	.036	-.151	-.425
210	249	-.387	.059	-.216	-.698	210	313	-.468	.249	.344	-1.645	210	363	-.356	.052	-.163	-.704
210	250	-.389	.055	-.190	-.682	210	314	-.337	.177	.281	-1.179	210	364	-.333	.066	.004	-.603
210	251	-.358	.050	-.197	-.661	210	315	-.251	.104	.233	-.788	210	365	-.268	.076	.078	-.575
210	252	-.311	.044	-.174	-.548	210	316	-.264	.091	.066	-.767	210	366	-.345	.078	.135	-.632
210	253	-.262	.038	-.142	-.442	210	317	-.414	.107	-.178	-1.459	210	367	-.193	.163	.133	-1.173
210	254	-.246	.042	-.098	-.435	210	318	-.284	.068	.008	-.654	210	368	-.127	.109	.135	-.847
210	255	-.251	.047	-.084	-.456	210	319	-.218	.083	.224	-.567	210	369	-.109	.045	.142	-.379
210	256	-.346	.045	-.209	-.530	210	320	-.185	.076	.196	-.706	210	370	-.156	.036	-.010	-.294
210	257	-.388	.052	-.237	-.728	210	321	-.245	.061	-.062	-.496	210	371	-.192	.032	-.074	-.339
210	258	-.384	.051	-.248	-.671	210	322	-.284	.057	-.009	-.534	210	372	-.226	.035	-.113	-.356
210	259	-.341	.061	-.061	-.604	210	323	-.412	.091	-.181	-1.021	210	373	-.250	.038	-.134	-.437
210	260	-.375	.053	-.218	-.629	210	324	-.466	.174	.163	-1.110	210	374	-.318	.053	.158	-.530
210	261	-.344	.041	-.220	-.514	210	325	-.453	.185	.118	-1.358	210	375	-.261	.086	.042	-.494
210	262	-.305	.032	-.220	-.456	210	326	-.346	.208	.135	-1.096	210	376	-.149	.079	.088	-.511

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	377	-.247	.073	.069	-.496	210	441	.202	.129	.703	-.138	210	902	-.424	.086	-.079	-.975
210	378	-.107	.103	.195	-.840	210	442	.218	.133	.705	-.208	210	903	-.403	.126	.102	-1.226
210	379	-.066	.076	.184	-.618	210	443	.124	.126	.703	-.189	210	904	-.365	.131	.040	-1.213
210	380	-.076	.046	.118	-.258	210	444	.035	.115	.654	-.310	210	905	-.333	.113	-.005	-.844
210	381	-.145	.034	.033	-.254	210	445	-.511	.092	-.284	-.921	210	906	-.444	.139	.106	-1.234
210	382	-.181	.031	-.060	-.298	210	446	-.132	.084	-.260	-.426	210	907	-.452	.121	.061	-.948
210	383	-.204	.030	-.089	-.316	210	447	-.027	.117	.485	-.375	210	908	-.271	.092	.184	-.658
210	384	-.232	.032	-.128	-.373	210	448	-.190	.071	.119	-.423	210	909	-.433	.117	-.036	-.859
210	385	-.292	.046	-.145	-.465	210	449	-.030	.093	.406	-.284	210	910	-.299	.097	.101	-.691
210	386	-.175	.069	.120	-.375	210	450	.037	.107	.429	-.259	210	911	-.120	.128	.641	-.245
210	401	-.477	.172	.340	-1.149	210	451	.114	.124	.763	-.192	210	912	-.377	.131	-.002	-1.212
210	402	-.421	.216	.590	-1.043	210	452	.161	.134	.705	-.131	210	913	-.154	.147	.684	-.253
210	403	-.201	.248	.642	-.978	210	453	.141	.128	.770	-.152	210	914	-.520	.149	.153	-1.202
210	404	-.114	.082	.212	-.412	210	454	.075	.103	.580	-.222	210	915	-.363	.119	.034	-.973
210	405	-.006	.094	.375	-.333	210	455	-.003	.088	-.064	-.354	210	916	-.353	.132	.153	-.886
210	406	.093	.102	.434	-.231	210	456	-.540	.119	-.064	-1.088	210	917	-.388	.067	-.194	-.793
210	407	.139	.132	.707	-.256	210	457	.212	.061	.040	-.444	210	918	-.063	.199	.848	-1.257
210	408	-.049	.208	.771	-1.302	210	458	.112	.095	-.262	-.416	210	919	-.381	.052	-.236	-.592
210	409	-.209	.272	.833	-1.226	210	459	-.264	.052	-.115	-.567	210	920	-.510	.154	.079	-1.095
210	410	-.156	.287	.798	-.983	210	460	-.163	.051	-.052	-.319	210	921	-.134	.144	.518	-.513
210	411	-.112	.302	.771	-.983	210	461	-.105	.059	.114	-.277	210	922	-.510	.178	.213	-1.152
210	412	-.490	.114	-.105	-1.033	210	462	.015	.092	.392	-.263	210	923	-.222	.141	.209	-.852
210	413	.160	.156	.734	-.407	210	463	.033	.111	.571	-.215	210	924	-.207	.115	.286	-.659
210	414	.170	.155	.793	-.357	210	464	.067	.110	.552	-.173	210	925	-.357	.193	.464	-1.000
210	415	.194	.179	.937	-.276	210	465	.021	.088	.503	-.229	210	926	-.457	.224	.341	-1.350
210	416	.179	.185	.984	-.333	210	466	-.024	.081	.376	-.270	210	927	-.246	.108	.118	-.745
210	417	.115	.180	.907	-.498	210	467	-.294	.095	.052	-.815	210	928	-.248	.088	.146	-.654
210	418	-.462	.095	-.065	-.924	210	468	-.280	.062	-.104	-.553	210	929	-.243	.078	.219	-.723
210	419	.131	.078	.279	-.422	210	469	-.178	.050	.015	-.463	220	101	-.491	.156	.022	-1.148
210	420	-.019	.101	.407	-.377	210	470	-.154	.064	.075	-.518	220	102	-.533	.129	-.059	-1.203
210	421	.182	.140	.684	-.214	210	471	-.129	.049	.066	-.326	220	103	-.350	.117	.015	-.942
210	422	.160	.142	.761	-.305	210	472	-.102	.045	.103	-.289	220	104	-.345	.114	.013	-.860
210	423	.099	.136	.679	-.291	210	473	-.011	.058	.246	-.162	220	105	-.371	.115	.013	-.968
210	424	-.468	.086	-.226	-1.082	210	474	.031	.066	.381	-.150	220	106	-.437	.134	.107	-1.106
210	425	.162	.131	.731	-.206	210	475	.037	.069	.353	-.150	220	107	-.473	.136	-.107	-1.275
210	426	.179	.138	.749	-.244	210	476	-.028	.064	.327	-.236	220	108	-.468	.114	-.198	-1.418
210	427	.235	.148	.806	-.310	210	477	-.016	.053	.251	-.289	220	109	-.435	.080	-.231	-.850
210	428	.247	.155	.909	-.142	210	478	-.077	.086	.296	-.326	220	110	-.422	.081	-.184	-.834
210	429	.158	.148	.806	-.229	210	479	-.110	.056	.187	-.289	220	111	-.426	.114	-.056	-.963
210	430	.075	.130	.660	-.291	210	480	.027	.091	.472	-.190	220	112	-.304	.089	-.013	-.759
210	431	-.463	.094	-.184	-.944	210	481	.100	.103	.589	-.118	220	113	-.307	.082	.015	-.789
210	432	-.156	.080	.138	-.516	210	482	.084	.093	.579	-.110	220	114	-.338	.087	-.015	-.801
210	433	.027	.098	.407	-.325	210	483	.071	.087	.472	-.140	220	115	-.416	.111	-.067	-.996
210	434	.091	.117	.556	-.295	210	801	-.248	.059	-.052	-.557	220	116	-.427	.108	-.097	-.953
210	435	.106	.123	.627	-.261	210	802	-.180	.048	.041	-.397	220	117	-.004	.110	.510	-.327
210	436	-.490	.089	-.256	-.936	210	803	-.248	.049	-.071	-.490	220	118	-.453	.102	-.149	-.883
210	437	.207	.153	.311	-1.144	210	804	-.016	.064	.277	-.193	220	119	-.439	.085	-.198	-.834
210	438	.011	.113	.504	-.345	210	805	.044	.074	.389	-.128	220	120	-.433	.078	-.236	-.871
210	439	.079	.127	.655	-.481	210	806	-.310	.053	-.147	-.537	220	121	-.421	.066	-.245	-.728
210	440	.165	.130	.776	-.172	210	901	-.425	.074	-.238	-.907	220	122	-.405	.068	-.207	-.719

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	123	.105	.131	.635	-.336	220	173	-.263	.059	-.072	-.552	220	239	-.351	.049	-.221	-.552
220	124	-.310	.075	-.069	-.768	220	174	-.294	.092	-.049	-.942	220	240	-.341	.044	-.223	-.577
220	125	-.321	.075	-.046	-.691	220	175	-.344	.088	-.063	-.769	220	241	-.306	.041	-.166	-.501
220	126	-.341	.077	-.055	-.681	220	176	-.459	.145	-.165	-1.291	220	242	-.268	.033	-.141	-.398
220	127	-.411	.078	-.060	-.787	220	177	-.147	.057	-.070	-.721	220	243	-.267	.039	-.136	-.508
220	128	-.458	.090	-.193	-.949	220	178	-.159	.030	-.015	-.293	220	244	-.276	.044	-.129	-.529
220	129	-.460	.087	-.175	-.864	220	179	-.165	.029	-.110	-.276	220	245	-.344	.045	-.221	-.531
220	130	-.087	.119	-.520	-.273	220	180	-.198	.052	-.086	-.630	220	246	-.351	.048	-.237	-.648
220	131	-.473	.094	-.229	-.953	220	181	-.210	.051	-.048	-.540	220	247	-.351	.046	-.212	-.618
220	132	-.447	.083	-.245	-.930	220	182	-.216	.047	-.071	-.460	220	248	-.340	.044	-.154	-.540
220	133	-.446	.081	-.247	-.853	220	183	-.231	.036	-.116	-.378	220	249	-.354	.050	-.170	-.568
220	134	-.443	.075	-.243	-.834	220	184	-.243	.051	-.050	-.496	220	250	-.339	.048	-.200	-.687
220	135	-.126	.122	.588	-.191	220	201	-.568	.135	-.188	-1.205	220	251	-.319	.045	-.186	-.605
220	136	-.302	.079	-.053	-.681	220	202	-.410	.087	-.163	-.837	220	252	-.271	.036	-.154	-.460
220	137	-.307	.076	-.050	-.665	220	203	-.368	.089	-.043	-.756	220	253	-.235	.030	-.136	-.396
220	138	-.345	.082	-.032	-.763	220	204	-.306	.043	-.177	-.511	220	254	-.222	.035	-.111	-.359
220	139	-.419	.092	-.088	-.801	220	205	-.307	.041	-.182	-.513	220	255	-.220	.038	-.092	-.373
220	140	-.458	.097	-.182	-1.012	220	206	-.318	.038	-.223	-.547	220	256	-.328	.039	-.196	-.487
220	141	-.473	.111	-.091	-1.144	220	207	-.317	.071	-.125	-.763	220	257	-.343	.044	-.219	-.662
220	142	-.470	.101	-.134	-1.068	220	208	-.338	.099	-.135	-.886	220	258	-.339	.043	-.216	-.628
220	143	-.493	.102	-.236	-1.118	220	209	-.300	.092	-.093	-.827	220	259	-.301	.050	-.069	-.510
220	144	-.227	.150	-.198	-.780	220	210	-.295	.085	-.042	-.781	220	260	-.322	.041	-.196	-.508
220	145	-.230	.059	-.070	-.581	220	211	-.295	.081	-.025	-.709	220	261	-.301	.034	-.196	-.446
220	146	-.236	.067	-.013	-.564	220	212	-.299	.057	-.079	-.569	220	262	-.271	.029	-.191	-.393
220	147	-.293	.096	-.034	-.692	220	213	-.305	.074	-.125	-.830	220	263	-.242	.028	-.152	-.345
220	148	-.387	.120	-.089	-.894	220	214	-.291	.081	-.044	-.798	220	264	-.197	.028	-.069	-.331
220	149	-.467	.126	-.144	-1.101	220	215	-.260	.064	-.052	-.646	220	265	-.172	.029	-.069	-.276
220	150	-.484	.124	-.122	-1.103	220	216	-.265	.060	-.034	-.530	220	266	-.165	.032	-.058	-.301
220	151	-.500	.122	-.170	-1.106	220	217	-.271	.069	-.032	-.614	220	267	-.301	.036	-.197	-.464
220	152	-.512	.098	-.251	-.970	220	218	-.271	.056	-.027	-.540	220	268	-.331	.045	-.212	-.611
220	153	-.508	.103	-.267	-1.134	220	219	-.317	.042	-.196	-.560	220	269	-.324	.042	-.196	-.504
220	154	-.493	.096	-.258	-1.127	220	220	-.315	.040	-.189	-.454	220	270	-.239	.040	-.021	-.363
220	155	-.150	.064	-.087	-.353	220	221	-.322	.042	-.199	-.503	220	271	-.292	.034	-.124	-.499
220	156	-.165	.039	-.053	-.374	220	222	-.345	.049	-.204	-.643	220	272	-.273	.027	-.182	-.379
220	157	-.171	.041	-.015	-.391	220	223	-.359	.076	-.093	-.749	220	273	-.246	.022	-.173	-.345
220	158	-.194	.054	-.023	-.512	220	224	-.302	.052	-.101	-.665	220	274	-.217	.022	-.129	-.292
220	159	-.255	.084	-.146	-.742	220	225	-.341	.046	-.226	-.538	220	275	-.187	.026	-.099	-.311
220	160	-.364	.116	-.044	-.954	220	226	-.330	.046	-.201	-.565	220	276	-.165	.027	-.056	-.251
220	161	-.446	.133	-.101	-1.094	220	227	-.312	.044	-.155	-.501	220	277	-.159	.028	-.056	-.253
220	162	-.484	.142	-.044	-1.199	220	228	-.264	.039	-.133	-.430	220	278	-.290	.036	-.187	-.418
220	163	-.485	.122	-.051	-1.089	220	229	-.267	.041	-.128	-.422	220	279	-.269	.038	-.159	-.415
220	164	-.512	.119	-.156	-1.082	220	230	-.279	.046	-.081	-.611	220	280	-.269	.040	-.148	-.548
220	165	-.507	.117	-.158	-1.184	220	231	-.250	.050	-.032	-.560	220	281	-.252	.029	-.152	-.362
220	166	-.234	.045	-.099	-.453	220	232	-.333	.043	-.194	-.515	220	282	-.231	.024	-.150	-.329
220	167	-.162	.029	-.058	-.293	220	233	-.338	.044	-.199	-.515	220	283	-.208	.023	-.105	-.300
220	168	-.163	.033	-.030	-.348	220	234	-.337	.044	-.211	-.513	220	284	-.175	.025	-.069	-.250
220	169	-.181	.039	-.051	-.526	220	235	-.341	.045	-.194	-.552	220	285	-.175	.026	-.093	-.297
220	170	-.210	.054	-.039	-.564	220	236	-.485	.101	-.248	-.916	220	286	-.171	.027	-.066	-.282
220	171	-.239	.061	-.058	-.667	220	237	-.349	.043	-.201	-.555	220	301	-.367	.180	-.284	-1.166
220	172	-.253	.060	-.046	-.548	220	238	-.357	.053	-.201	-.621	220	302	-.350	.103	-.008	-.853

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	303	- .345	.169	.098	-1 .113	220	353	- .347	.054	- .117	- .549	220	417	- .096	.167	.864	- .390
220	304	- .454	.185	.351	-1 .286	220	354	- .328	.061	- .056	- .599	220	418	- .454	.100	- .167	- .969
220	305	- .287	.130	.157	- .993	220	355	- .348	.049	- .146	- .587	220	419	- .134	.065	.241	- .351
220	306	- .259	.077	.044	- .726	220	356	- .407	.181	- .056	- 1 .348	220	420	- .016	.085	.290	- .260
220	307	- .173	.076	.213	- .558	220	357	- .342	.185	- .015	- 1 .180	220	421	- .188	.136	.719	- .182
220	308	- .180	.065	.164	- .495	220	358	- .221	.090	- .067	- .841	220	422	- .150	.133	.665	- .371
220	309	- .215	.056	.121	- .513	220	359	- .202	.037	- .072	- .492	220	423	- .098	.132	.641	- .361
220	310	- .241	.050	-.035	- .511	220	360	- .220	.031	- .103	- .402	220	424	- .482	.100	- .196	- .911
220	311	- .252	.076	-.097	- .815	220	361	- .254	.031	- .162	- .409	220	425	- .183	.134	.707	- .169
220	312	- .313	.209	.250	- 1 .867	220	362	- .278	.033	- .181	- .442	220	426	- .180	.138	.729	- .152
220	313	- .426	.195	.253	- 1 .256	220	363	- .329	.043	- .217	- .547	220	427	- .216	.144	.751	- .140
220	314	- .314	.172	.271	- 1 .099	220	364	- .327	.057	- .022	- .580	220	428	- .218	.149	.827	- .128
220	315	- .241	.098	.084	- .923	220	365	- .261	.062	- .039	- .525	220	429	- .147	.142	.864	- .209
220	316	- .249	.074	.077	- .740	220	366	- .312	.063	- .013	- .632	220	430	- .042	.122	.540	- .353
220	317	- .367	.102	-.129	- 1 .260	220	367	- .177	.142	- .082	- 1 .068	220	431	- .473	.099	- .206	- 1 .048
220	318	- .274	.056	-.024	- .537	220	368	- .133	.096	.099	- .867	220	432	- .146	.067	.113	- .515
220	319	- .212	.078	.145	- .523	220	369	- .129	.038	.025	- .281	220	433	- .022	.087	.329	- .309
220	320	- .168	.059	-.047	- .323	220	370	- .166	.031	- .056	- .281	220	434	- .086	.104	.491	- .228
220	321	- .218	.045	-.050	- .413	220	371	- .196	.026	.072	- .283	220	435	- .126	.120	.587	- .194
220	322	- .253	.040	-.073	- .429	220	372	- .226	.028	- .105	- .350	220	436	- .498	.101	- .270	- .996
220	323	- .362	.081	.167	- .907	220	373	- .250	.031	- .153	- .381	220	437	- .200	.139	.226	- .947
220	324	- .457	.151	.173	- 1 .195	220	374	- .304	.043	- .184	- .566	220	438	- .026	.160	.437	- .263
220	325	- .446	.172	.100	- 1 .160	220	375	- .272	.073	- .001	- .516	220	439	- .107	.113	.555	- .238
220	326	- .341	.190	.152	- 1 .085	220	376	- .184	.071	.020	- .428	220	440	- .174	.131	.668	- .179
220	327	- .227	.089	.068	- .684	220	377	- .236	.058	.035	- .454	220	441	- .213	.142	.815	- .091
220	328	- .219	.062	-.058	- .504	220	378	- .118	.083	.160	- .343	220	442	- .200	.126	.822	- .101
220	329	- .236	.052	-.010	- .687	220	379	- .084	.064	.190	- .446	220	443	- .111	.119	.650	- .176
220	330	- .354	.050	-.232	- .647	220	380	- .090	.043	.112	- .214	220	444	- .023	.103	.440	- .287
220	331	- .268	.050	-.057	- .525	220	381	- .153	.029	- .008	- .250	220	445	- .506	.101	- .144	- 1 .003
220	332	- .268	.058	-.057	- .548	220	382	- .188	.025	- .107	- .275	220	446	- .138	.073	.194	- .404
220	333	- .238	.060	-.023	- .448	220	383	- .211	.026	- .128	- .319	220	447	- .009	.108	.433	- .377
220	334	- .260	.049	-.043	- .553	220	384	- .232	.030	- .147	- .362	220	448	- .166	.064	.084	- .377
220	335	- .341	.047	-.202	- .562	220	385	- .279	.036	- .155	- .437	220	449	- .031	.085	.316	- .257
220	336	- .427	.138	.187	- 1 .349	220	386	- .190	.032	.016	- .340	220	450	- .010	.096	.427	- .213
220	337	- .412	.153	.119	- 1 .036	220	401	- .539	.126	.069	- 1 .168	220	451	- .096	.112	.636	- .160
220	338	- .351	.183	.157	- 1 .082	220	402	- .543	.114	- .118	- 1 .070	220	452	- .142	.132	.629	- .149
220	339	- .221	.105	.042	- .755	220	403	- .319	.184	.437	- .896	220	453	- .127	.118	.588	- .167
220	340	- .206	.055	.082	- .351	220	404	- .095	.083	.223	- .385	220	454	- .048	.093	.431	- .216
220	341	- .262	.056	-.020	- .793	220	405	- .001	.093	.356	- .312	220	455	- .022	.085	.528	- .269
220	342	- .305	.058	-.044	- .611	220	406	- .086	.103	.385	- .221	220	456	- .498	.133	.021	- 1 .060
220	343	- .463	.103	.110	- 1 .035	220	407	- .101	.119	.574	- .260	220	457	- .211	.051	- .011	- .466
220	344	- .356	.050	-.229	- .585	220	408	- .159	.176	.628	- 1 .060	220	458	- .125	.077	.173	- .395
220	345	- .416	.174	.158	- 1 .619	220	409	- .318	.211	.501	- 1 .296	220	459	- .249	.046	- .091	- .473
220	346	- .430	.177	.182	- 1 .491	220	410	- .263	.220	.515	- .869	220	460	- .164	.043	.012	- .333
220	347	- .308	.196	.141	- 1 .552	220	411	- .228	.237	.653	- .886	220	461	- .119	.053	.107	- .287
220	348	- .181	.053	-.008	- .580	220	412	- .483	.114	- .135	- 1 .181	220	462	- .039	.083	.337	- .312
220	349	- .193	.046	-.006	- .402	220	413	- .124	.140	.641	- .236	220	463	- .001	.101	.496	- .220
220	350	- .239	.042	-.048	- .392	220	414	- .136	.147	.727	- .263	220	464	- .009	.091	.502	- .188
220	351	- .280	.042	-.056	- .433	220	415	- .167	.175	.790	- .334	220	465	- .020	.075	.334	- .243
220	352	- .344	.049	-.207	- .589	220	416	- .129	.168	.896	- .324	220	466	- .055	.066	.337	- .328



WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN
230	215	.237	.050	.045	.442	230	265	.160	.026	.047	.254	230	329	.247	.075	.001	.771
230	216	.237	.064	.011	.545	230	266	.153	.027	.032	.279	230	330	.284	.039	.172	.478
230	217	.241	.070	.001	.702	230	267	.272	.039	.144	.497	230	331	.253	.058	.059	.558
230	218	.289	.061	.092	.617	230	268	.298	.043	.194	.596	230	332	.253	.071	.079	.663
230	219	.263	.037	.158	.430	230	269	.298	.042	.194	.470	230	333	.198	.066	.179	.514
230	220	.263	.034	.160	.384	230	270	.215	.035	.056	.375	230	334	.217	.056	.055	.408
230	221	.268	.036	.168	.438	230	271	.277	.038	.169	.456	230	335	.284	.040	.170	.485
230	222	.279	.040	.170	.450	230	272	.251	.027	.160	.373	230	336	.447	.120	.024	-1.078
230	223	.281	.051	.141	.570	230	273	.226	.022	.151	.325	230	337	.456	.122	.010	-1.061
230	224	.280	.059	.079	.653	230	274	.205	.022	.128	.274	230	338	.460	.163	.072	-1.127
230	225	.280	.036	.170	.435	230	275	.174	.023	.068	.272	230	339	.282	.141	.100	.933
230	226	.273	.035	.170	.457	230	276	.153	.023	.059	.233	230	340	.208	.075	.058	.715
230	227	.264	.035	.143	.418	230	277	.149	.025	.063	.242	230	341	.231	.060	.037	.576
230	228	.240	.035	.109	.418	230	278	.255	.034	.172	.394	230	342	.258	.054	.008	.612
230	229	.238	.045	.065	.607	230	279	.241	.032	.141	.405	230	343	.370	.078	.098	.714
230	230	.241	.047	.092	.509	230	280	.246	.038	.108	.460	230	344	.295	.046	.190	.527
230	231	.248	.059	.055	.560	230	281	.230	.025	.122	.328	230	345	.494	.152	.067	-1.266
230	232	.280	.041	.165	.489	230	282	.212	.023	.137	.304	230	346	.523	.172	.008	-1.714
230	233	.274	.036	.165	.428	230	283	.193	.022	.125	.273	230	347	.348	.214	.142	-1.323
230	234	.282	.038	.170	.457	230	284	.167	.022	.089	.252	230	348	.201	.070	.022	.617
230	235	.282	.039	.173	.462	230	285	.161	.024	.075	.281	230	349	.192	.047	.053	.444
230	236	.380	.080	.163	.749	230	286	.161	.023	.068	.245	230	350	.227	.037	.050	.375
230	237	.287	.039	.178	.447	230	301	.483	.134	.100	-1.103	230	351	.250	.037	.112	.401
230	238	.284	.038	.182	.482	230	302	.363	.106	.037	.917	230	352	.301	.043	.174	.531
230	239	.289	.040	.187	.516	230	303	.579	.129	.191	-1.096	230	353	.303	.054	.069	.550
230	240	.274	.039	.180	.499	230	304	.517	.141	.041	-1.068	230	354	.287	.053	.060	.531
230	241	.260	.031	.171	.396	230	305	.417	.133	.052	-1.054	230	355	.291	.044	.140	.486
230	242	.235	.029	.130	.382	230	306	.316	.111	.048	.827	230	356	.451	.190	.022	-1.323
230	243	.237	.039	.093	.465	230	307	.228	.090	.058	.820	230	357	.397	.196	.012	-1.370
230	244	.238	.042	.112	.685	230	308	.195	.064	.053	.628	230	358	.244	.106	.031	.948
230	245	.302	.040	.201	.458	230	309	.207	.052	.013	.603	230	359	.200	.040	.024	.479
230	246	.299	.043	.183	.474	230	310	.226	.046	.024	.490	230	360	.210	.030	.124	.351
230	247	.293	.038	.187	.463	230	311	.312	.110	.041	.901	230	361	.237	.031	.133	.363
230	248	.290	.038	.157	.437	230	312	.490	.136	.013	-1.106	230	362	.252	.032	.145	.370
230	249	.297	.042	.178	.511	230	313	.485	.135	.034	-1.225	230	363	.296	.038	.183	.501
230	250	.291	.039	.162	.481	230	314	.434	.152	.010	-1.036	230	364	.297	.052	.117	.486
230	251	.280	.037	.155	.479	230	315	.316	.120	.017	.977	230	365	.242	.056	.026	.437
230	252	.248	.030	.144	.364	230	316	.315	.117	.069	-1.356	230	366	.267	.052	.072	.508
230	253	.213	.027	.118	.307	230	317	.297	.069	.123	.736	230	367	.230	.153	.047	-1.112
230	254	.197	.030	.109	.353	230	318	.288	.061	.090	.591	230	368	.167	.115	.085	-1.088
230	255	.202	.035	.079	.396	230	319	.243	.087	.048	.680	230	369	.130	.040	.042	.318
230	256	.291	.038	.196	.467	230	320	.169	.068	.123	.549	230	370	.162	.027	.053	.261
230	257	.294	.037	.190	.467	230	321	.194	.050	.001	.450	230	371	.188	.027	.107	.294
230	258	.293	.039	.185	.495	230	322	.216	.044	.008	.469	230	372	.210	.028	.126	.318
230	259	.264	.043	.050	.492	230	323	.284	.054	.139	.560	230	373	.223	.031	.140	.344
230	260	.290	.039	.176	.490	230	324	.474	.119	.022	-1.000	230	374	.275	.042	.143	.482
230	261	.275	.033	.174	.460	230	325	.472	.118	.034	-1.012	230	375	.248	.059	.024	.496
230	262	.247	.028	.174	.396	230	326	.460	.157	.053	-1.052	230	376	.168	.062	.040	.403
230	263	.221	.025	.146	.327	230	327	.301	.127	.010	.813	230	377	.212	.053	.003	.425
230	264	.184	.025	.093	.288	230	328	.246	.086	.032	.647	230	378	.153	.083	.176	.616

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	379	-.100	.060	.143	-.527	230	443	.160	.129	.587	-.171	230	904	-.268	.100	.017	-.889
230	380	-.096	.039	.173	-.220	230	444	.039	.101	.456	-.256	230	905	-.269	.082	.029	-.627
230	381	-.155	.026	-.058	-.272	230	445	-.512	.117	.022	-1.142	230	906	-.528	.113	-.224	-1.105
230	382	-.181	.022	-.099	-.267	230	446	-.124	.068	.199	-.357	230	907	-.460	.121	.100	-.925
230	383	-.195	.024	-.108	-.300	230	447	-.014	.097	.440	-.322	230	908	-.279	.096	.126	-.744
230	384	-.216	.025	-.148	-.349	230	448	-.152	.056	.057	-.389	230	909	-.505	.096	-.205	-.944
230	385	-.255	.036	-.138	-.424	230	449	-.023	.065	.305	-.203	230	910	-.282	.092	.051	-.772
230	386	-.157	.056	-.109	-.314	230	450	.024	.079	.326	-.171	230	911	-.142	.110	.627	-.160
230	401	-.576	.137	.177	-1.302	230	451	.109	.105	.509	-.159	230	912	-.262	.069	.040	-.708
230	402	-.563	.103	-.044	-.939	230	452	.140	.125	.640	-.148	230	913	-.190	.131	.741	-.235
230	403	-.486	.127	.032	-1.047	230	453	.147	.118	.638	-.180	230	914	-.563	.099	-.269	-1.003
230	404	.122	.098	.268	-.427	230	454	.049	.101	.516	-.198	230	915	-.418	.100	-.077	-.834
230	405	-.018	.102	.434	-.314	230	455	-.039	.085	.406	-.288	230	916	-.351	.081	-.079	-.749
230	406	.108	.103	.516	-.184	230	456	-.449	.149	.183	-1.216	230	917	-.276	.042	.122	-.497
230	407	.133	.118	.722	-.220	230	457	-.174	.051	-.003	-.403	230	918	-.121	.141	.346	-.614
230	408	-.150	.143	.312	-1.160	230	458	-.099	.067	.176	-.393	230	919	-.279	.033	-.193	-.417
230	409	-.409	.165	.229	-1.030	230	459	-.201	.045	-.037	-.469	230	920	-.538	.087	-.288	-.969
230	410	-.368	.157	.351	-.858	230	460	-.132	.037	.034	-.260	230	921	-.166	.108	.348	-.580
230	411	-.355	.163	.351	-.871	230	461	-.098	.043	.094	-.242	230	922	-.553	.093	.281	-1.048
230	412	-.467	.142	.084	-.996	230	462	-.030	.068	.238	-.219	230	923	-.355	.121	.079	-.799
230	413	.167	.136	.656	-.206	230	463	.013	.088	.367	-.256	230	924	-.247	.093	.106	-.625
230	414	.175	.139	.685	-.220	230	464	.009	.088	.477	-.180	230	925	-.485	.114	-.118	-.951
230	415	.184	.147	.675	-.213	230	465	-.029	.067	.298	-.226	230	926	-.558	.136	.150	-1.147
230	416	.161	.148	.766	-.252	230	466	-.079	.061	.215	-.265	230	927	-.349	.115	.043	-.941
230	417	.079	.138	.599	-.333	230	467	-.214	.078	.091	-.641	230	928	-.264	.082	.006	-.656
230	418	-.432	.114	.077	-.873	230	468	-.204	.051	.006	-.504	230	929	-.236	.064	-.024	-.532
230	419	-.153	.059	.108	-.363	230	469	-.138	.046	.068	-.350	240	101	-.322	.120	.039	-1.033
230	420	-.035	.075	.386	-.304	230	470	-.119	.054	.025	-.455	240	102	-.403	.126	.023	-.983
230	421	.182	.112	.634	-.211	230	471	-.099	.038	.036	-.217	240	103	-.231	.056	-.041	-.574
230	422	.207	.130	.781	-.139	230	472	-.071	.043	.082	-.221	240	104	-.219	.058	-.017	-.519
230	423	.105	.129	.582	-.316	230	473	-.022	.048	.215	-.141	240	105	-.232	.082	.002	-.724
230	424	-.524	.118	-.223	-1.180	230	474	.006	.056	.261	-.138	240	106	-.261	.106	.063	-1.014
230	425	.183	.123	.665	-.130	230	475	.004	.056	.284	-.159	240	107	-.336	.132	.013	-1.227
230	426	.219	.126	.715	-.095	230	476	-.006	.048	.243	-.161	240	108	-.432	.135	.069	-1.128
230	427	.266	.144	.773	-.078	230	477	-.060	.049	.105	-.267	240	109	-.447	.132	.050	-1.191
230	428	.268	.152	.879	-.076	230	478	-.048	.071	.298	-.225	240	110	-.426	.117	.128	-1.580
230	429	.168	.136	.776	-.164	230	479	.065	.050	.251	-.205	240	111	-.263	.095	.050	-.769
230	430	.068	.114	.611	-.245	230	480	.025	.073	.400	-.155	240	112	-.204	.046	-.053	-.430
230	431	.515	.124	.130	-1.293	230	481	.080	.080	.485	-.123	240	113	-.201	.048	.008	-.434
230	432	.162	.060	.101	-.382	230	482	.059	.079	.410	-.118	240	114	-.209	.066	.039	-.614
230	433	.029	.072	.342	-.287	230	483	.045	.069	.428	-.144	240	115	-.237	.086	.018	-1.019
230	434	.072	.085	.396	-.196	230	801	-.181	.035	-.060	-.381	240	116	-.253	.093	.046	-.981
230	435	.149	.111	.651	-.135	230	802	-.156	.028	-.008	-.337	240	117	-.036	.141	.636	-.503
230	436	.546	.119	.127	-1.158	230	803	.182	.040	-.025	-.399	240	118	-.248	.119	.266	-.772
230	437	.238	.127	.150	-.619	230	804	-.008	.049	.249	-.134	240	119	-.317	.109	.096	-.746
230	438	.010	.083	.351	-.341	230	805	.030	.061	.366	-.130	240	120	-.404	.108	.068	-.960
230	439	.092	.093	.464	-.179	230	806	-.260	.041	-.132	-.460	240	121	-.385	.097	-.005	-.889
230	440	.184	.119	.675	-.132	230	901	-.458	.097	-.069	-1.117	240	122	-.378	.092	.030	-.927
230	441	.233	.134	.730	-.086	230	902	-.422	.106	-.170	-.797	240	123	-.018	.147	.688	-.453
230	442	.257	.132	.780	-.132	230	903	-.343	.128	.179	-.611	240	124	-.209	.035	-.081	-.404



WD	TAP	CPMEAN	CP RMS	CP MAX	CP MIN	WD	TAP	CPMEAN	CP RMS	CP MAX	CP MIN	WD	TAP	CPMEAN	CP RMS	CP MAX	CP MIN
240	125	-.204	.041	-.027	-.385	240	175	-.238	.077	-.022	-.813	240	241	-.227	.025	-.143	-.330
240	126	-.206	.055	-.018	-.538	240	176	-.274	.117	-.039	-.956	240	242	-.221	.025	-.148	-.317
240	127	-.243	.072	-.013	-.616	240	177	-.123	.068	-.047	-.672	240	243	-.218	.031	-.127	-.379
240	128	-.306	.106	-.044	-.941	240	178	-.145	.024	-.036	-.239	240	244	-.217	.031	-.104	-.393
240	129	-.307	.101	-.039	-.859	240	179	-.146	.024	-.058	-.244	240	245	-.270	.037	-.185	-.492
240	130	-.020	.086	-.504	-.300	240	180	-.160	.028	-.079	-.354	240	246	-.250	.032	-.157	-.379
240	131	-.344	.146	-.240	-.901	240	181	-.159	.026	-.053	-.272	240	247	-.244	.030	-.160	-.381
240	132	-.411	.134	-.070	-1.368	240	182	-.165	.029	-.074	-.314	240	248	-.246	.030	-.164	-.430
240	133	-.402	.104	-.037	-.866	240	183	-.132	.032	-.022	-.255	240	249	-.249	.031	-.164	-.490
240	134	-.391	.101	-.086	-.908	240	184	-.147	.034	-.006	-.291	240	250	-.247	.031	-.166	-.409
240	135	-.017	.093	-.494	-.218	240	201	-.315	.078	-.113	-.703	240	251	-.245	.030	-.173	-.444
240	136	-.211	.034	-.064	-.456	240	202	-.274	.051	-.134	-.603	240	252	-.223	.025	-.148	-.328
240	137	-.204	.036	-.079	-.387	240	203	-.295	.073	-.099	-.677	240	253	-.202	.023	-.125	-.298
240	138	-.203	.049	-.034	-.437	240	204	-.226	.033	-.101	-.400	240	254	-.193	.028	-.109	-.319
240	139	-.236	.069	-.015	-.607	240	205	-.231	.029	-.143	-.343	240	255	-.196	.032	-.102	-.464
240	140	-.324	.102	-.003	-.786	240	206	-.241	.032	-.156	-.466	240	256	-.257	.032	-.169	-.425
240	141	-.412	.142	-.009	-1.159	240	207	-.232	.039	-.114	-.479	240	257	-.257	.033	-.155	-.421
240	142	-.407	.131	-.027	-1.030	240	208	-.236	.042	-.096	-.498	240	258	-.256	.032	-.157	-.508
240	143	-.432	.134	-.080	-1.037	240	209	-.229	.044	-.084	-.506	240	259	-.239	.034	-.132	-.377
240	144	-.207	.133	-.350	-.777	240	210	-.232	.051	-.069	-.538	240	260	-.260	.033	-.160	-.504
240	145	-.195	.029	-.096	-.321	240	211	-.242	.061	-.091	-.738	240	261	-.241	.027	-.164	-.423
240	146	-.187	.029	-.061	-.306	240	212	-.287	.062	-.094	-.622	240	262	-.230	.025	-.162	-.391
240	147	-.185	.037	-.029	-.431	240	213	-.229	.035	-.114	-.390	240	263	-.206	.023	-.132	-.305
240	148	-.209	.056	-.065	-.696	240	214	-.225	.036	-.082	-.429	240	264	-.176	.022	-.106	-.296
240	149	-.274	.096	-.018	-.947	240	215	-.210	.035	-.069	-.375	240	265	-.158	.022	-.076	-.250
240	150	-.320	.104	-.108	-.961	240	216	-.204	.040	-.054	-.434	240	266	-.152	.023	-.086	-.275
240	151	-.349	.114	-.063	-1.126	240	217	-.207	.046	-.040	-.437	240	267	-.232	.031	-.143	-.386
240	152	-.352	.126	-.217	-.863	240	218	-.267	.051	-.116	-.533	240	268	-.261	.036	-.169	-.455
240	153	-.399	.115	-.003	-.894	240	219	-.231	.030	-.074	-.363	240	269	-.254	.033	-.150	-.407
240	154	-.378	.112	-.016	-1.068	240	220	-.231	.031	-.133	-.370	240	270	-.191	.032	-.076	-.314
240	155	-.119	.060	-.305	-.378	240	221	-.237	.027	-.153	-.341	240	271	-.250	.034	-.146	-.414
240	156	-.156	.024	-.063	-.261	240	222	-.239	.031	-.146	-.378	240	272	-.231	.022	-.164	-.314
240	157	-.156	.023	-.072	-.247	240	223	-.237	.036	-.131	-.496	240	273	-.206	.019	-.146	-.280
240	158	-.160	.024	-.072	-.271	240	224	-.250	.050	-.096	-.673	240	274	-.190	.020	-.125	-.270
240	159	-.173	.033	-.058	-.474	240	225	-.239	.028	-.148	-.373	240	275	-.165	.021	-.079	-.245
240	160	-.202	.052	-.056	-.595	240	226	-.232	.026	-.153	-.373	240	276	-.147	.022	-.074	-.238
240	161	-.250	.075	-.046	-.875	240	227	-.227	.026	-.121	-.336	240	277	-.142	.023	-.051	-.220
240	162	-.294	.091	-.077	-.820	240	228	-.216	.028	-.094	-.355	240	278	-.225	.032	-.145	-.350
240	163	-.309	.133	-.174	-.927	240	229	-.217	.035	-.123	-.442	240	279	-.208	.029	-.071	-.314
240	164	-.350	.121	-.169	-.951	240	230	-.215	.034	-.101	-.447	240	280	-.229	.032	-.126	-.360
240	165	-.342	.117	-.030	-.882	240	231	-.236	.050	-.067	-.488	240	281	-.211	.023	-.119	-.305
240	166	-.123	.042	-.045	-.299	240	232	-.235	.031	-.141	-.397	240	282	-.196	.019	-.128	-.260
240	167	-.142	.022	-.065	-.210	240	233	-.236	.031	-.136	-.405	240	283	-.182	.020	-.112	-.279
240	168	-.143	.023	-.061	-.240	240	234	-.238	.029	-.146	-.373	240	284	-.160	.021	-.081	-.226
240	169	-.151	.026	-.049	-.345	240	235	-.239	.028	-.160	-.373	240	285	-.154	.021	-.084	-.262
240	170	-.163	.030	-.068	-.409	240	236	-.298	.055	-.173	-.733	240	286	-.153	.022	-.071	-.253
240	171	-.177	.035	-.063	-.433	240	237	-.246	.030	-.156	-.378	240	301	-.449	.118	-.011	-.933
240	172	-.188	.037	-.063	-.373	240	238	-.244	.031	-.153	-.375	240	302	-.333	.106	-.028	-.083
240	173	-.203	.042	-.065	-.421	240	239	-.240	.027	-.146	-.365	240	303	-.506	.134	-.150	-.068
240	174	-.194	.078	-.030	-.603	240	240	-.234	.025	-.168	-.355	240	304	-.475	.133	-.060	-.065

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	305	.399	.119	.091	-1.030	240	355	.241	.032	-.142	-.403	240	419	-.151	.078	.398	-.411
240	306	.300	.096	.001	-.872	240	356	.405	.148	-.025	-1.099	240	420	-.077	.076	.398	-.330
240	307	.239	.089	.010	-1.105	240	357	.345	.157	-.022	-1.532	240	421	.053	.100	.479	-.214
240	308	.199	.060	.013	-.664	240	358	.214	.065	-.025	-.744	240	422	.097	.131	.642	-.258
240	309	.196	.046	.049	-.628	240	359	.193	.034	-.103	-.368	240	423	.010	.150	.667	-.448
240	310	.208	.043	.053	-.453	240	360	.195	.027	-.118	-.303	240	424	-.375	.157	.509	-1.097
240	311	.331	.110	.131	-.986	240	361	.209	.025	-.137	-.351	240	425	.072	.112	.583	-.238
240	312	.433	.121	.115	-1.122	240	362	.229	.029	-.149	-.351	240	426	.108	.131	.746	-.320
240	313	.444	.129	.093	-1.112	240	363	.255	.033	-.175	-.406	240	427	.160	.138	.679	-.246
240	314	.406	.128	.004	-.985	240	364	.257	.039	-.118	-.468	240	428	.213	.155	.783	-.172
240	315	.307	.102	.044	-.931	240	365	.219	.047	-.058	-.430	240	429	.124	.133	.623	-.231
240	316	.298	.095	.018	-.792	240	366	.237	.037	-.092	-.461	240	430	.036	.112	.529	-.310
240	317	.246	.046	.103	-.595	240	367	.180	.087	.037	-.813	240	431	-.383	.164	.213	-1.302
240	318	.266	.051	.079	-.484	240	368	.147	.068	.011	-.775	240	432	.147	.080	.615	-.443
240	319	.249	.075	.020	-.675	240	369	.139	.030	-.008	-.280	240	433	-.058	.075	.233	-.273
240	320	.172	.061	.095	-.524	240	370	.161	.024	-.084	-.253	240	434	-.003	.081	.393	-.290
240	321	.183	.046	.036	-.425	240	371	.179	.024	-.096	-.268	240	435	.021	.094	.499	-.219
240	322	.197	.040	.006	-.425	240	372	.192	.024	-.127	-.303	240	436	-.419	.166	.442	-1.198
240	323	.240	.038	.124	-.526	240	373	.201	.026	-.101	-.337	240	437	-.204	.130	.149	-.934
240	324	.415	.102	.150	-.976	240	374	.241	.034	-.156	-.449	240	438	-.041	.074	.235	-.446
240	325	.449	.114	.091	-1.051	240	375	.213	.050	-.039	-.415	240	439	.002	.080	.354	-.495
240	326	.411	.132	.020	-.959	240	376	.152	.043	-.001	-.356	240	440	.095	.099	.571	-.154
240	327	.285	.100	.018	-.757	240	377	.187	.044	-.022	-.327	240	441	.164	.130	.648	-.138
240	328	.239	.073	.016	-.639	240	378	.162	.070	.141	-.485	240	442	.167	.121	.615	-.150
240	329	.239	.067	.037	-.828	240	379	.116	.055	.090	-.402	240	443	.125	.120	.601	-.212
240	330	.238	.028	.162	-.376	240	380	.118	.030	-.088	-.221	240	444	.019	.103	.442	-.275
240	331	.242	.050	.077	-.515	240	381	.163	.024	-.067	-.258	240	445	-.365	.161	.363	-1.167
240	332	.235	.059	.020	-.529	240	382	.184	.022	-.120	-.272	240	446	-.114	.067	.259	-.379
240	333	.192	.056	.071	-.477	240	383	.182	.024	-.109	-.274	240	447	-.045	.085	.349	-.337
240	334	.196	.044	.046	-.437	240	384	.192	.022	-.125	-.271	240	448	.131	.054	.185	-.323
240	335	.241	.029	.162	-.376	240	385	.220	.030	-.122	-.352	240	449	-.050	.057	.317	-.208
240	336	.426	.111	.107	-.990	240	386	.139	.051	.103	-.286	240	450	-.027	.059	.241	-.201
240	337	.439	.116	.098	-1.324	240	401	.423	.168	.388	-1.099	240	451	.030	.081	.520	-.175
240	338	.425	.140	.015	-1.035	240	402	.450	.132	.391	-.929	240	452	.070	.096	.516	-.138
240	339	.258	.112	.031	-.903	240	403	.457	.128	.093	-1.047	240	453	.095	.101	.599	-.189
240	340	.203	.058	.010	-.508	240	404	.151	.114	.460	-.529	240	454	.031	.093	.442	-.238
240	341	.215	.054	.051	-.515	240	405	.094	.096	.361	-.339	240	455	-.040	.093	.553	-.355
240	342	.235	.046	.016	-.470	240	406	.010	.107	.536	-.290	240	456	-.277	.143	.269	-.857
240	343	.308	.064	.137	-.684	240	407	.073	.138	.699	-.288	240	457	-.128	.053	.118	-.397
240	344	.241	.031	.161	-.387	240	408	.086	.167	.593	-.643	240	458	-.086	.060	.125	-.355
240	345	.507	.162	.065	-1.475	240	409	.278	.185	.401	-1.030	240	459	-.131	.042	.002	-.282
240	346	.475	.172	.063	-1.356	240	410	.286	.171	.410	-.848	240	460	-.100	.036	.044	-.245
240	347	.310	.156	.030	-1.070	240	411	.280	.161	.327	-.754	240	461	-.081	.038	.047	-.325
240	348	.190	.048	.020	-.584	240	412	.257	.134	.396	-.820	240	462	-.042	.054	.190	-.189
240	349	.183	.035	.051	-.375	240	413	.109	.151	.719	-.268	240	463	-.006	.076	.430	-.198
240	350	.209	.031	.089	-.358	240	414	.131	.159	.729	-.248	240	464	-.009	.071	.359	-.168
240	351	.225	.031	.094	-.380	240	415	.142	.154	.911	-.258	240	465	-.040	.067	.352	-.212
240	352	.255	.036	.161	-.463	240	416	.131	.141	.630	-.322	240	466	-.085	.060	.234	-.263
240	353	.256	.039	.118	-.518	240	417	.052	.131	.699	-.406	240	467	-.154	.055	.067	-.376
240	354	.242	.042	.094	-.449	240	418	.278	.122	.213	-.899	240	468	-.144	.044	.033	-.441

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	469	-.097	.044	.114	-.286	250	101	-.258	.087	-.032	-.664	250	151	-.387	.139	-.046	-1.012
240	470	-.124	.064	.026	-.612	250	102	-.283	.134	-.193	-.995	250	152	-.088	.150	.443	-.728
240	471	-.084	.038	.065	-.251	250	103	-.199	.042	-.034	-.417	250	153	-.176	.158	.374	-.890
240	472	-.064	.036	.063	-.182	250	104	-.182	.052	-.005	-.467	250	154	-.203	.137	.250	-.631
240	473	-.027	.042	.155	-.138	250	105	-.174	.062	-.042	-.431	250	155	-.013	.107	.522	-.311
240	474	-.014	.048	.162	-.154	250	106	-.220	.070	-.018	-.523	250	156	-.162	.023	-.082	-.258
240	475	-.020	.048	.178	-.147	250	107	-.206	.083	-.042	-.582	250	157	-.159	.023	-.074	-.237
240	476	-.037	.044	.151	-.157	250	108	-.276	.113	-.046	-.784	250	158	-.156	.027	-.072	-.292
240	477	-.078	.042	.102	-.245	250	109	-.328	.121	-.072	-.951	250	159	-.159	.051	-.046	-.287
240	478	-.055	.057	.229	-.209	250	110	-.381	.124	-.023	-1.139	250	160	-.172	.040	-.039	-.432
240	479	-.061	.045	.187	-.174	250	111	-.215	.075	-.075	-.548	250	161	-.247	.076	.046	-.735
240	480	-.007	.057	.397	-.142	250	112	-.178	.036	-.034	-.368	250	162	-.343	.114	-.065	-.888
240	481	-.007	.060	.281	-.132	250	113	-.177	.042	-.001	-.382	250	163	-.074	.131	.538	-.661
240	482	-.002	.061	.303	-.130	250	114	-.174	.050	-.009	-.528	250	164	-.122	.137	.398	-.788
240	483	-.019	.053	.284	-.154	250	115	-.213	.072	-.183	-.833	250	165	-.141	.134	.376	-.792
240	801	-.164	.030	-.071	-.302	250	116	-.287	.122	-.004	-1.026	250	166	-.052	.064	.250	-.404
240	802	-.154	.026	-.075	-.270	250	117	-.003	.166	-.658	-.624	250	167	-.156	.023	-.063	-.268
240	803	-.137	.033	-.022	-.288	250	118	-.112	.092	-.354	-.462	250	168	-.152	.027	-.070	-.268
240	804	-.037	.042	.145	-.152	250	119	-.175	.091	-.173	-.652	250	169	-.150	.034	-.039	-.301
240	805	-.016	.052	.328	-.133	250	120	-.221	.113	-.150	-.742	250	170	-.155	.035	-.003	-.327
240	806	-.230	.035	-.133	-.406	250	121	-.306	.142	-.112	-1.292	250	171	-.163	.040	-.017	-.296
240	901	-.378	.110	-.039	-.925	250	122	-.344	.142	-.131	-1.139	250	172	-.191	.049	-.011	-.394
240	902	-.300	.101	.120	-.846	250	123	-.037	.146	-.775	-.462	250	173	-.234	.070	-.005	-.695
240	903	-.250	.094	.180	-.901	250	124	-.189	.028	-.076	-.318	250	174	-.128	.063	.324	-.442
240	904	-.214	.054	.018	-.492	250	125	-.180	.031	-.022	-.285	250	175	-.155	.057	.138	-.396
240	905	-.253	.060	-.088	-.555	250	126	-.169	.040	-.002	-.349	250	176	-.172	.069	.255	-.594
240	906	-.480	.131	-.029	-.153	250	127	-.199	.064	-.077	-.610	250	177	-.063	.056	.341	-.540
240	907	-.310	.116	-.070	-.755	250	128	-.201	.069	-.030	-.683	250	178	-.120	.028	-.007	-.244
240	908	-.216	.082	-.235	-.555	250	129	-.242	.091	-.030	-.859	250	179	-.122	.028	-.014	-.230
240	909	-.456	.114	-.121	-.920	250	130	-.022	.122	-.705	-.664	250	180	-.128	.030	-.030	-.281
240	910	-.207	.087	-.202	-.701	250	131	-.146	.111	-.387	-.575	250	181	-.129	.031	-.002	-.256
240	911	-.035	.106	-.624	-.244	250	132	-.222	.128	-.187	-.775	250	182	-.133	.035	.009	-.276
240	912	-.239	.048	-.058	-.562	250	133	-.263	.141	-.110	-1.139	250	183	-.074	.028	.059	-.171
240	913	-.081	.145	-.618	-.432	250	134	-.291	.129	-.110	-.899	250	184	-.094	.040	.057	-.315
240	914	-.501	.121	-.137	-.037	250	135	-.030	.099	-.477	-.245	250	201	-.249	.055	-.018	-.537
240	915	-.320	.083	-.029	-.710	250	136	-.193	.027	-.090	-.304	250	202	-.278	.054	-.129	-.524
240	916	-.279	.065	-.111	-.732	250	137	-.183	.028	-.031	-.347	250	203	-.386	.097	-.157	-.930
240	917	-.245	.033	-.135	-.445	250	138	-.170	.034	-.020	-.314	250	204	-.217	.038	-.108	-.402
240	918	-.130	.171	-.449	-.880	250	139	-.179	.043	-.015	-.405	250	205	-.218	.031	-.133	-.346
240	919	-.245	.029	-.162	-.369	250	140	-.220	.066	-.008	-.678	250	206	-.217	.026	-.150	-.383
240	920	-.454	.093	-.178	-.803	250	141	-.256	.099	-.019	-.957	250	207	-.210	.032	-.118	-.456
240	921	-.182	.082	-.226	-.533	250	142	-.306	.119	-.011	-1.141	250	208	-.209	.031	-.108	-.348
240	922	-.476	.102	-.197	-.872	250	143	-.170	.145	-.395	-.828	250	209	-.198	.034	-.081	-.373
240	923	-.375	.101	-.019	-.803	250	144	-.001	.123	-.510	-.678	250	210	-.213	.040	-.088	-.412
240	924	-.206	.078	-.159	-.611	250	145	-.180	.024	-.098	-.272	250	211	-.216	.041	-.106	-.471
240	925	-.409	.107	-.175	-.821	250	146	-.175	.024	-.079	-.270	250	212	-.288	.064	-.113	-.623
240	926	-.533	.136	-.180	-.162	250	147	-.166	.028	-.065	-.272	250	213	-.202	.029	-.111	-.348
240	927	-.362	.107	-.017	-.854	250	148	-.167	.034	-.003	-.351	250	214	-.199	.030	-.074	-.321
240	928	-.279	.078	-.006	-.681	250	149	-.183	.044	-.036	-.487	250	215	-.186	.029	-.037	-.338
240	929	-.242	.058	-.016	-.500	250	150	-.293	.092	-.067	-.921	250	216	-.178	.030	-.057	-.348

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	217	.176	.030	.071	.329	250	267	.238	.036	.149	.395	250	331	.244	.047	.077	.609
250	218	.271	.053	.130	.581	250	268	.245	.036	.163	.468	250	332	.238	.054	.000	.524
250	219	.219	.030	.125	.402	250	269	.247	.034	.156	.459	250	333	.207	.047	.021	.461
250	220	.222	.030	.128	.387	250	270	.192	.033	.041	.296	250	334	.206	.039	.033	.527
250	221	.218	.027	.133	.334	250	271	.212	.027	.133	.369	250	335	.229	.030	.133	.405
250	222	.220	.026	.135	.316	250	272	.204	.021	.142	.296	250	336	.423	.126	.075	.734
250	223	.227	.033	.118	.412	250	273	.186	.019	.126	.250	250	337	.413	.120	.021	.030
250	224	.256	.048	.071	.566	250	274	.171	.019	.110	.252	250	338	.391	.121	.084	.957
250	225	.224	.026	.150	.368	250	275	.161	.021	.092	.248	250	339	.278	.091	.019	.705
250	226	.217	.025	.133	.324	250	276	.150	.022	.064	.218	250	340	.235	.057	.042	.522
250	227	.207	.024	.125	.321	250	277	.149	.023	.064	.227	250	341	.233	.051	.006	.487
250	228	.192	.024	.088	.299	250	278	.201	.030	.123	.395	250	342	.238	.045	.032	.437
250	229	.191	.027	.098	.324	250	279	.208	.027	.138	.333	250	343	.264	.052	.110	.655
250	230	.189	.029	.088	.334	250	280	.188	.025	.063	.286	250	344	.239	.033	.146	.366
250	231	.244	.047	.052	.615	250	281	.186	.021	.110	.265	250	345	.478	.148	.120	.553
250	232	.233	.034	.130	.419	250	282	.173	.018	.103	.232	250	346	.470	.159	.039	.302
250	233	.230	.031	.118	.399	250	283	.159	.019	.094	.225	250	347	.336	.122	.020	.015
250	234	.227	.027	.142	.368	250	284	.147	.022	.070	.223	250	348	.222	.046	.061	.444
250	235	.230	.029	.135	.385	250	285	.156	.022	.064	.243	250	349	.211	.037	.087	.373
250	236	.276	.055	.162	.723	250	286	.170	.022	.098	.256	250	350	.213	.033	.108	.371
250	237	.230	.027	.155	.378	250	301	.352	.096	.060	.930	250	351	.230	.035	.108	.371
250	238	.237	.029	.137	.353	250	302	.308	.105	.037	.879	250	352	.252	.039	.141	.485
250	239	.231	.030	.150	.383	250	303	.445	.112	.180	.911	250	353	.247	.046	.013	.487
250	240	.221	.025	.145	.331	250	304	.424	.111	.122	.011	250	354	.229	.043	.072	.414
250	241	.206	.023	.133	.305	250	305	.359	.108	.087	.088	250	355	.233	.033	.110	.390
250	242	.192	.023	.121	.273	250	306	.321	.096	.089	.779	250	356	.440	.145	.091	.366
250	243	.188	.025	.117	.312	250	307	.321	.096	.089	.779	250	357	.404	.142	.032	.074
250	244	.191	.028	.110	.346	250	307	.257	.084	.021	.744	250	358	.242	.062	.072	.693
250	245	.253	.035	.154	.402	250	308	.230	.069	.023	.749	250	359	.208	.034	.110	.435
250	246	.242	.032	.140	.395	250	309	.219	.056	.073	.829	250	360	.213	.029	.120	.319
250	247	.239	.032	.134	.411	250	310	.217	.053	.063	.510	250	361	.216	.027	.139	.326
250	248	.232	.029	.133	.360	250	311	.330	.088	.045	.848	250	362	.228	.028	.139	.342
250	249	.238	.030	.149	.404	250	312	.439	.142	.148	.128	250	363	.243	.034	.153	.399
250	250	.229	.029	.147	.390	250	313	.414	.124	.075	.156	250	364	.244	.039	.094	.409
250	251	.219	.025	.131	.367	250	314	.380	.115	.110	.072	250	365	.221	.039	.068	.366
250	252	.199	.022	.126	.271	250	315	.315	.093	.103	.920	250	366	.226	.039	.087	.406
250	253	.181	.021	.105	.294	250	316	.302	.084	.094	.941	250	367	.239	.081	.006	.788
250	254	.171	.023	.096	.312	250	317	.224	.037	.115	.459	250	368	.213	.078	.011	.755
250	255	.168	.022	.092	.284	250	318	.268	.054	.105	.548	250	369	.154	.037	.022	.342
250	256	.248	.032	.160	.379	250	319	.253	.061	.023	.590	250	370	.175	.026	.065	.326
250	257	.245	.031	.158	.376	250	320	.213	.053	.049	.442	250	371	.187	.024	.101	.279
250	258	.240	.032	.156	.397	250	321	.201	.043	.033	.407	250	372	.201	.027	.113	.290
250	259	.219	.030	.101	.340	250	322	.203	.039	.023	.452	250	373	.213	.028	.129	.334
250	260	.233	.029	.142	.390	250	323	.225	.034	.119	.414	250	374	.237	.034	.151	.423
250	261	.222	.025	.126	.319	250	324	.412	.117	.087	.133	250	375	.238	.041	.101	.387
250	262	.203	.022	.140	.299	250	325	.423	.119	.112	.105	250	376	.183	.047	.037	.373
250	263	.184	.019	.124	.257	250	326	.365	.108	.061	.833	250	377	.199	.043	.035	.364
250	264	.162	.020	.092	.241	250	327	.265	.079	.082	.655	250	378	.243	.090	.030	.819
250	265	.151	.022	.080	.232	250	328	.249	.061	.073	.655	250	379	.159	.066	.037	.489
250	266	.148	.023	.066	.220	250	330	.228	.032	.056	.691	250	380	.119	.035	.037	.246

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	381	.187	.028	.083	.281	250	445	.071	.176	.347	.870	250	906	.396	.118	.112	.904
250	382	.205	.024	.129	.297	250	446	.015	.129	.579	.360	250	907	.224	.098	.157	.648
250	383	.185	.024	.109	.295	250	447	.044	.124	.660	.281	250	908	.191	.075	.140	.509
250	384	.177	.024	.114	.299	250	448	.018	.114	.349	.304	250	909	.393	.102	.069	.869
250	385	.198	.028	.098	.342	250	449	.030	.103	.748	.764	250	910	.155	.103	.319	.556
250	386	.155	.034	.008	.286	250	450	.001	.085	.372	.574	250	911	.021	.110	.715	.267
250	401	.235	.163	.459	.963	250	451	.016	.063	.337	.214	250	912	.226	.039	.067	.480
250	402	.326	.136	.392	.808	250	452	.017	.076	.473	.247	250	913	.034	.147	.034	.440
250	403	.342	.124	.222	1.126	250	453	.007	.098	.549	.297	250	914	.400	.109	.063	.893
250	404	.010	.163	.676	.433	250	454	.058	.110	.434	.351	250	915	.271	.066	.024	.575
250	405	.036	.165	.634	.453	250	455	.125	.104	.321	.431	250	916	.272	.079	.012	.709
250	406	.011	.124	.508	.256	250	456	.063	.136	.434	.646	250	917	.243	.031	.144	.396
250	407	.006	.146	.688	.330	250	457	.056	.088	.399	.424	250	918	.163	.187	.908	.807
250	408	.077	.204	.713	.801	250	458	.034	.074	.309	.344	250	919	.237	.027	.177	.382
250	409	.124	.216	.649	.865	250	459	.049	.065	.328	.235	250	920	.342	.082	.058	.745
250	410	.167	.193	.496	.751	250	460	.101	.082	.141	.978	250	921	.229	.064	.171	.587
250	411	.170	.185	.520	.781	250	461	.084	.066	.153	.708	250	922	.358	.087	.103	.826
250	412	.058	.138	.360	.441	250	462	.062	.050	.247	.235	250	923	.322	.083	.111	.739
250	413	.010	.186	.720	.812	250	463	.052	.067	.379	.270	250	924	.219	.067	.050	.500
250	414	.028	.172	.821	.532	250	464	.042	.078	.393	.286	250	925	.333	.116	.190	.796
250	415	.047	.184	.779	.458	250	465	.075	.081	.409	.318	250	926	.453	.114	.136	.997
250	416	.015	.188	.688	.601	250	466	.116	.078	.305	.420	250	927	.337	.091	.039	.810
250	417	.045	.169	.577	.557	250	467	.129	.071	.335	.404	250	928	.290	.068	.047	.695
250	418	.136	.093	.343	.507	250	468	.115	.052	.206	.316	250	929	.261	.052	.024	.505
250	419	.032	.141	.659	.394	250	469	.096	.046	.219	.369	260	101	.259	.106	.220	.812
250	420	.009	.129	.730	.333	250	470	.059	.046	.125	.323	260	102	.232	.125	.267	.667
250	421	.035	.109	.555	.283	250	471	.057	.045	.081	.297	260	103	.200	.061	.081	.475
250	422	.030	.122	.585	.387	250	472	.054	.041	.074	.233	260	104	.189	.080	.178	.540
250	423	.038	.151	.883	.584	250	473	.038	.042	.164	.182	260	105	.155	.092	.244	.617
250	424	.101	.162	.686	.584	250	474	.036	.044	.206	.166	260	106	.231	.076	.146	.579
250	425	.025	.116	.476	.749	250	475	.053	.040	.136	.184	260	107	.187	.078	.155	.447
250	426	.007	.106	.308	.444	250	476	.080	.046	.102	.321	260	108	.200	.086	.151	.484
250	427	.011	.119	.543	.336	250	477	.132	.043	.060	.369	260	109	.205	.124	.357	.719
250	428	.040	.150	.693	.315	250	478	.041	.051	.202	.237	260	110	.227	.160	.383	.921
250	429	.014	.152	.587	.399	250	479	.018	.043	.183	.143	260	111	.233	.087	.126	.682
250	430	.095	.138	.459	.611	250	480	.001	.047	.293	.141	260	112	.174	.050	.032	.433
250	431	.180	.141	.402	.050	250	481	.012	.051	.255	.129	260	113	.161	.062	.120	.503
250	432	.020	.137	.585	.392	250	482	.008	.055	.397	.124	260	114	.148	.072	.197	.459
250	433	.005	.120	.730	.333	250	483	.015	.052	.303	.140	260	115	.172	.089	.246	.579
250	434	.030	.108	.663	.060	250	801	.144	.033	.032	.276	260	116	.232	.116	.267	.807
250	435	.037	.105	.528	.253	250	802	.136	.030	.023	.247	260	117	.080	.126	.364	.552
250	436	.122	.204	.607	.233	250	803	.103	.035	.049	.246	260	118	.064	.105	.457	.445
250	437	.001	.126	.686	.522	250	804	.020	.039	.135	.147	260	119	.107	.096	.453	.400
250	438	.021	.096	.397	.349	250	805	.021	.046	.187	.156	260	120	.115	.111	.395	.696
250	439	.013	.097	.516	.749	250	806	.223	.037	.136	.441	260	121	.144	.147	.413	.849
250	440	.014	.080	.326	.404	250	901	.236	.117	.139	.816	260	122	.158	.168	.499	.763
250	441	.010	.085	.423	.219	250	902	.176	.089	.269	.468	260	123	.057	.110	.548	.405
250	442	.007	.118	.651	.299	250	903	.228	.089	.040	.714	260	124	.188	.036	.027	.347
250	443	.041	.128	.476	.390	250	904	.187	.044	.048	.390	260	125	.168	.044	.030	.354
250	444	.127	.117	.448	.521	250	905	.239	.045	.086	.483	260	126	.141	.059	.171	.354

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	127	154	076	181	496	260	177	066	042	193	295	260	243	202	027	129	323
260	128	142	080	190	661	260	178	138	024	037	216	260	244	200	029	085	551
260	129	176	092	255	710	260	179	141	023	056	225	260	245	255	038	158	424
260	130	008	097	439	270	260	180	143	022	049	218	260	246	253	034	167	446
260	131	068	111	676	396	260	181	141	026	027	235	260	247	248	033	156	424
260	132	117	110	371	531	260	182	141	032	013	259	260	248	240	029	145	401
260	133	142	133	432	870	260	183	076	028	040	170	260	249	236	029	118	388
260	134	157	134	511	884	260	184	097	043	087	268	260	250	232	028	131	410
260	135	015	085	355	275	260	201	253	048	087	582	260	251	223	026	129	330
260	136	197	028	094	314	260	202	263	044	084	463	260	252	201	021	138	281
260	137	180	037	104	319	260	203	313	071	096	602	260	253	191	022	116	265
260	138	154	043	081	314	260	204	230	041	102	484	260	254	184	025	089	317
260	139	143	049	118	335	260	205	228	033	128	419	260	255	183	026	076	524
260	140	163	065	134	472	260	206	225	027	143	375	260	256	267	033	172	424
260	141	164	091	231	723	260	207	216	029	114	403	260	257	254	032	156	381
260	142	194	118	331	860	260	208	219	035	095	403	260	258	252	031	167	393
260	143	085	111	337	655	260	209	215	037	104	444	260	259	236	033	107	381
260	144	002	085	502	302	260	210	224	042	083	480	260	260	240	032	140	419
260	145	191	024	080	295	260	211	232	044	102	446	260	261	232	032	131	417
260	146	182	024	104	295	260	212	230	057	107	551	260	262	216	026	131	335
260	147	166	026	019	264	260	213	213	030	114	384	260	263	195	021	120	281
260	148	161	029	028	269	260	214	211	031	102	343	260	264	174	020	094	254
260	149	162	038	009	344	260	215	201	031	075	334	260	265	164	022	060	245
260	150	218	083	104	726	260	216	196	034	085	434	260	266	160	022	085	281
260	151	286	117	115	126	260	217	195	037	078	360	260	267	266	035	185	406
260	152	069	103	386	518	260	218	279	052	069	573	260	268	261	039	163	497
260	153	119	111	405	780	260	219	236	034	128	453	260	269	257	039	165	531
260	154	135	099	198	714	260	220	234	031	133	398	260	270	217	036	027	419
260	155	004	089	476	283	260	221	228	026	156	324	260	271	224	029	118	393
260	156	172	023	094	299	260	222	226	027	121	327	260	272	214	025	140	330
260	157	168	022	090	257	260	223	224	029	126	401	260	273	197	020	143	281
260	158	159	022	068	254	260	224	262	044	116	611	260	274	182	018	129	250
260	159	159	026	040	254	260	225	226	024	133	336	260	275	167	020	098	236
260	160	162	034	012	325	260	226	224	025	128	322	260	276	157	020	091	232
260	161	210	066	054	523	260	227	217	025	135	308	260	277	153	020	085	219
260	162	272	094	024	789	260	228	207	027	124	334	260	278	250	031	161	387
260	163	071	080	243	464	260	229	205	030	114	353	260	279	236	030	133	403
260	164	104	095	321	535	260	230	204	030	104	355	260	280	211	030	118	355
260	165	124	089	231	516	260	231	255	041	059	484	260	281	203	025	118	309
260	166	054	060	219	292	260	232	234	030	140	429	260	282	190	020	077	270
260	167	159	020	092	243	260	233	239	029	136	358	260	283	175	019	109	242
260	168	158	022	061	276	260	234	235	025	152	394	260	284	160	019	094	227
260	169	154	024	061	257	260	235	232	026	150	322	260	285	165	020	083	243
260	170	154	026	054	264	260	236	263	047	128	556	260	286	174	020	094	235
260	171	154	030	038	318	260	237	240	028	159	487	260	301	302	074	052	675
260	172	169	038	054	337	260	238	237	027	147	365	260	302	291	076	034	992
260	173	204	060	038	608	260	239	233	023	139	353	260	303	392	098	104	809
260	174	115	054	297	342	260	240	223	023	133	303	260	304	383	100	052	878
260	175	135	053	189	424	260	241	209	022	131	294	260	305	351	093	018	864
260	176	137	058	153	419	260	242	203	023	127	339	260	306	310	084	013	762

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	307	-.287	.086	-.034	-.800	260	357	-.506	.179	-.093	-1.343	260	421	-.021	.082	.410	-.216
260	308	-.267	.074	-.052	-.778	260	358	-.301	.066	-.100	-.672	260	422	-.087	.093	.454	-.513
260	309	-.252	.070	-.068	-.812	260	359	-.248	.039	-.077	-.411	260	423	-.061	.110	.571	-.421
260	310	-.250	.072	-.063	-.844	260	360	-.234	.030	-.137	-.395	260	424	-.028	.131	.635	-.533
260	311	-.318	.076	-.038	-.705	260	361	-.238	.029	-.144	-.388	260	425	-.068	.091	.335	-.511
260	312	-.378	.116	-.125	-.224	260	362	-.246	.030	-.160	-.388	260	426	-.060	.087	.320	-.428
260	313	-.384	.109	-.111	-.130	260	363	-.265	.033	-.174	-.414	260	427	-.058	.088	.398	-.382
260	314	-.380	.107	-.102	-.930	260	364	-.268	.040	-.153	-.469	260	428	-.060	.121	.491	-.377
260	315	-.320	.090	-.084	-.123	260	365	-.250	.039	-.121	-.407	260	429	-.115	.129	.513	-.533
260	316	-.314	.082	-.043	-.762	260	366	-.242	.040	-.079	-.508	260	430	-.175	.120	.440	-.545
260	317	-.222	.035	-.111	-.395	260	367	-.311	.112	.027	-.833	260	431	-.092	.113	.547	-.711
260	318	-.271	.053	-.047	-.587	260	368	-.249	.104	.128	-.796	260	432	-.021	.100	.491	-.472
260	319	-.275	.064	-.077	-.721	260	369	-.176	.045	.037	-.340	260	433	-.005	.098	.496	-.435
260	320	-.247	.048	-.054	-.482	260	370	-.203	.036	-.038	-.375	260	434	-.030	.084	.381	-.345
260	321	-.233	.044	-.056	-.480	260	371	-.213	.027	-.116	-.333	260	435	-.016	.084	.359	-.304
260	322	-.235	.050	-.095	-.639	260	372	-.222	.026	-.146	-.361	260	436	-.057	.123	.464	-.618
260	323	-.220	.029	-.120	-.389	260	373	-.238	.029	-.153	-.375	260	437	-.002	.088	.430	-.328
260	324	-.371	.102	-.161	-.044	260	374	-.269	.037	-.167	-.434	260	438	-.034	.094	.532	-.745
260	325	-.378	.097	-.150	-.939	260	375	-.266	.043	-.084	-.462	260	439	-.028	.084	.345	-.611
260	326	-.367	.094	-.091	-.905	260	376	-.228	.046	-.047	-.441	260	440	-.038	.068	.271	-.292
260	327	-.308	.068	-.063	-.805	260	377	-.221	.045	-.043	-.416	260	441	-.045	.073	.333	-.331
260	328	-.277	.058	-.089	-.684	260	378	-.238	.117	-.068	-.771	260	442	-.058	.098	.461	-.367
260	329	-.276	.063	-.050	-.687	260	379	-.153	.091	-.154	-.598	260	443	-.118	.114	.461	-.477
260	330	-.227	.027	-.134	-.361	260	380	-.141	.048	-.176	-.295	260	444	-.181	.108	.443	-.527
260	331	-.250	.041	-.066	-.457	260	381	-.204	.034	-.030	-.347	260	445	-.051	.118	.552	-.652
260	332	-.243	.046	-.061	-.477	260	382	-.222	.027	-.130	-.315	260	446	-.010	.096	.474	-.383
260	333	-.235	.041	-.056	-.418	260	383	-.210	.025	-.140	-.319	260	447	-.005	.094	.557	-.317
260	334	-.233	.038	-.095	-.436	260	384	-.224	.024	-.141	-.339	260	448	-.008	.086	.477	-.335
260	335	-.229	.026	-.145	-.329	260	385	-.249	.031	-.164	-.377	260	449	-.036	.084	.559	-.458
260	336	-.406	.133	-.134	-.183	260	386	-.192	.040	-.004	-.309	260	450	-.029	.071	.356	-.356
260	337	-.405	.115	-.129	-.151	260	401	-.245	.137	-.240	-.733	260	451	-.029	.062	.256	-.260
260	338	-.386	.104	-.061	-.076	260	402	-.293	.101	-.320	-.716	260	452	-.008	.077	.440	-.221
260	339	-.311	.073	-.086	-.812	260	403	-.303	.083	-.103	-.686	260	453	-.002	.111	.582	-.397
260	340	-.265	.053	-.077	-.566	260	404	-.078	.096	-.440	-.494	260	454	-.045	.140	.582	-.545
260	341	-.250	.050	-.073	-.575	260	405	-.082	.086	-.354	-.435	260	455	-.125	.133	.500	-.609
260	342	-.251	.051	-.079	-.674	260	406	-.116	.071	-.284	-.294	260	456	-.073	.092	.285	-.511
260	343	-.255	.046	-.121	-.584	260	407	-.121	.086	-.366	-.335	260	457	-.063	.071	.230	-.399
260	344	-.233	.030	-.137	-.432	260	408	-.241	.171	-.620	-.833	260	458	-.060	.063	.265	-.310
260	345	-.510	.194	-.119	-.615	260	409	-.228	.169	-.505	-.776	260	459	-.064	.060	.196	-.340
260	346	-.514	.185	-.146	-.921	260	410	-.260	.161	-.415	-.815	260	460	-.089	.052	.096	-.611
260	347	-.377	.109	-.093	-.124	260	411	-.262	.167	-.708	-.723	260	461	-.084	.048	.084	-.397
260	348	-.275	.051	-.022	-.534	260	412	-.026	.133	-.596	-.445	260	462	-.057	.055	.226	-.278
260	349	-.241	.041	-.096	-.467	260	413	-.115	.133	-.530	-.642	260	463	-.018	.082	.586	-.198
260	350	-.236	.037	-.040	-.453	260	414	-.105	.121	-.591	-.506	260	464	-.016	.103	.506	-.228
260	351	-.246	.036	-.045	-.388	260	415	-.086	.152	-.603	-.396	260	465	-.006	.113	.522	-.296
260	352	-.254	.040	-.130	-.517	260	416	-.111	.166	-.649	-.591	260	466	-.069	.104	.411	-.363
260	353	-.249	.047	-.059	-.534	260	417	-.141	.167	-.520	-.611	260	467	-.119	.054	.198	-.299
260	354	-.236	.047	-.003	-.455	260	418	-.089	.101	-.393	-.465	260	468	-.102	.048	.226	-.283
260	355	-.239	.035	-.096	-.460	260	419	-.028	.112	-.466	-.735	260	469	-.096	.040	.107	-.267
260	356	-.563	.192	-.033	-.686	260	420	-.015	.097	-.554	-.538	260	470	-.057	.042	.130	-.376

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	471	-.069	.040	.105	-.249	270	103	-.203	.092	.189	-.753	270	153	.033	.122	.693	-.286
260	472	-.063	.039	.094	-.226	270	104	-.181	.113	.217	-.555	270	154	.029	.117	.533	-.302
260	473	-.051	.042	.135	-.178	270	105	-.092	.128	.335	-.711	270	155	.023	.099	.479	-.257
260	474	-.041	.043	.137	-.160	270	106	-.261	.111	.242	-.679	270	156	-.190	.029	-.105	-.354
260	475	-.042	.046	.148	-.201	270	107	-.153	.108	.279	-.497	270	157	-.183	.031	-.041	-.424
260	476	-.062	.050	.132	-.328	270	108	-.127	.121	.398	-.532	270	158	-.172	.034	-.043	-.363
260	477	-.119	.048	.057	-.328	270	109	-.058	.146	.547	-.458	270	159	-.183	.044	-.046	-.443
260	478	-.056	.044	.204	-.174	270	110	-.019	.169	.742	-.534	270	160	-.173	.042	-.036	-.479
260	479	-.044	.042	.186	-.174	270	111	-.287	.147	.270	-1.022	270	161	-.160	.071	-.248	-.561
260	480	-.024	.044	.219	-.136	270	112	-.155	.064	.086	-.416	270	162	-.212	.116	-.281	-.641
260	481	-.008	.054	.256	-.146	270	113	-.121	.077	.207	-.367	270	163	-.005	.092	.505	-.314
260	482	-.001	.055	.322	-.129	270	114	-.075	.096	.342	-.460	270	164	-.021	.095	.632	-.295
260	483	-.014	.055	.217	-.146	270	115	-.088	.120	.458	-.641	270	165	-.021	.097	.533	-.330
260	801	-.143	.035	.004	-.251	270	116	-.172	.176	.426	-.979	270	166	-.021	.070	.359	-.337
260	802	-.140	.023	-.033	-.225	270	117	-.048	.172	.740	-.518	270	167	-.179	.027	-.100	-.307
260	803	-.098	.035	.060	-.216	270	118	-.075	.152	.658	-.311	270	168	-.174	.027	-.086	-.323
260	804	-.037	.038	.116	-.155	270	119	-.016	.135	.598	-.353	270	169	-.164	.029	-.025	-.309
260	805	-.026	.042	.161	-.148	270	120	-.078	.134	.719	-.500	270	170	-.161	.029	-.046	-.274
260	806	-.263	.038	.172	-.436	270	121	-.075	.132	.724	-.472	270	171	-.153	.031	-.037	-.519
260	901	-.061	.105	.269	-.652	270	122	-.109	.185	.861	-.579	270	172	-.151	.052	-.086	-.448
260	902	-.041	.102	.310	-.490	270	123	-.116	.186	.458	-.434	270	173	-.174	.075	-.213	-.552
260	903	-.054	.101	.298	-.532	270	124	-.180	.044	.005	-.369	270	174	-.065	.062	-.397	-.262
260	904	-.031	.098	.574	-.647	270	125	-.129	.063	.147	-.344	270	175	-.070	.062	-.305	-.337
260	905	-.252	.048	-.077	-.473	270	126	-.072	.084	.321	-.388	270	176	-.085	.056	-.333	-.236
260	906	-.366	.107	.132	-.000	270	127	-.083	.124	.426	-.709	270	177	-.061	.051	-.211	-.203
260	907	-.277	.089	.076	-.621	270	128	-.014	.134	.542	-.651	270	178	-.146	.028	-.035	-.252
260	908	-.265	.081	-.037	-.638	270	129	-.072	.149	.498	-.707	270	179	-.147	.026	-.042	-.242
260	909	-.360	.091	-.068	-.768	270	130	-.027	.145	.726	-.330	270	180	-.154	.026	-.054	-.235
260	910	-.253	.092	-.130	-.738	270	131	-.111	.164	.719	-.311	270	181	-.144	.029	-.018	-.254
260	911	-.048	.105	.350	-.666	270	132	-.061	.156	.826	-.453	270	182	-.127	.037	-.034	-.240
260	912	-.233	.042	-.106	-.452	270	133	-.078	.161	.719	-.495	270	183	-.076	.033	-.062	-.176
260	913	-.026	.097	-.363	-.517	270	134	-.064	.159	.779	-.483	270	184	-.077	.044	-.142	-.247
260	914	-.315	.074	-.075	-.759	270	135	-.043	.112	.628	-.430	270	201	-.295	.061	-.060	-.750
260	915	-.243	.057	-.005	-.624	270	136	-.199	.040	-.025	-.346	270	202	-.324	.072	-.092	-.693
260	916	-.243	.060	.012	-.561	270	137	-.171	.048	.031	-.393	270	203	-.411	.113	-.110	-.973
260	917	-.246	.031	-.151	-.436	270	138	-.116	.064	.179	-.323	270	204	-.280	.062	-.097	-.699
260	918	-.179	.177	.534	-.889	270	139	-.098	.068	.200	-.297	270	205	-.272	.047	-.135	-.544
260	919	-.261	.027	-.175	-.367	270	140	-.144	.103	.305	-.783	270	206	-.270	.046	-.147	-.503
260	920	-.274	.071	-.021	-.650	270	141	-.036	.146	.533	-.801	270	207	-.261	.058	-.053	-.578
260	921	-.190	.059	.132	-.436	270	142	-.021	.154	.641	-.829	270	208	-.269	.072	-.034	-.699
260	922	-.277	.076	.033	-.624	270	143	-.084	.157	.797	-.347	270	209	-.274	.069	-.070	-.665
260	923	-.297	.063	.013	-.582	270	144	-.033	.130	.804	-.392	270	210	-.291	.066	-.111	-.583
260	924	-.199	.056	.106	-.416	270	145	-.209	.031	-.074	-.377	270	211	-.306	.071	-.116	-.781
260	925	-.039	.101	.446	-.600	270	146	-.199	.033	-.065	-.344	270	212	-.311	.051	-.159	-.580
260	926	-.391	.098	-.048	-.819	270	147	-.178	.038	-.023	-.347	270	213	-.258	.054	-.058	-.472
260	927	-.326	.087	-.012	-.756	270	148	-.173	.045	.025	-.370	270	214	-.260	.058	-.065	-.566
260	928	-.290	.065	.059	-.634	270	149	-.162	.045	.008	-.373	270	215	-.249	.049	-.077	-.443
260	929	-.269	.060	.011	-.657	270	150	-.135	.069	.291	-.530	270	216	-.234	.048	-.084	-.484
270	101	-.405	.195	.270	-.104	270	151	-.196	.141	.359	-.944	270	217	-.235	.050	-.099	-.554
270	102	-.385	.185	.358	-.982	270	152	-.062	.130	.832	-.335	270	218	-.296	.042	-.126	-.937



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	219	-.281	.050	-.133	-.626	270	269	-.290	.044	-.167	-.479	270	333	-.268	.043	-.029	-.520
270	220	-.273	.045	-.126	-.566	270	270	-.233	.039	-.075	-.373	270	334	-.266	.045	-.066	-.529
270	221	-.266	.039	-.138	-.455	270	271	-.253	.034	-.068	-.441	270	335	-.268	.037	-.144	-.416
270	222	-.273	.048	-.101	-.525	270	272	-.239	.027	-.136	-.362	270	336	-.407	.115	-.124	-1.151
270	223	-.268	.047	-.116	-.493	270	273	-.224	.022	-.134	-.301	270	337	-.405	.122	-.101	-1.075
270	224	-.292	.047	-.121	-.639	270	274	-.208	.022	-.136	-.326	270	338	-.381	.100	-.087	-.900
270	225	-.266	.039	-.135	-.462	270	275	-.196	.027	-.115	-.421	270	339	-.323	.072	-.092	-.663
270	226	-.261	.038	-.143	-.426	270	276	-.187	.029	-.084	-.335	270	340	-.288	.054	-.073	-.649
270	227	-.254	.036	-.128	-.392	270	277	-.183	.029	-.075	-.299	270	341	-.280	.051	-.048	-.527
270	228	-.245	.037	-.143	-.452	270	278	-.273	.037	-.160	-.445	270	342	-.281	.051	-.104	-.664
270	229	-.242	.040	-.123	-.416	270	279	-.251	.033	-.120	-.384	270	343	-.298	.057	-.135	-.650
270	230	-.241	.040	-.123	-.433	270	280	-.227	.031	-.089	-.437	270	344	-.279	.042	-.151	-.678
270	231	-.282	.042	-.133	-.544	270	281	-.224	.027	-.124	-.327	270	345	-.520	.183	-.076	-1.617
270	232	-.281	.040	-.155	-.530	270	282	-.213	.022	-.131	-.299	270	346	-.538	.186	-.114	-1.526
270	233	-.283	.040	-.167	-.469	270	283	-.198	.023	-.108	-.279	270	347	-.411	.113	-.046	-1.152
270	234	-.277	.035	-.169	-.418	270	284	-.184	.025	-.093	-.284	270	348	-.311	.057	-.104	-.571
270	235	-.273	.036	-.152	-.411	270	285	-.194	.026	-.104	-.314	270	349	-.289	.047	-.088	-.478
270	236	-.303	.053	-.169	-.603	270	286	-.200	.029	-.120	-.356	270	350	-.279	.043	-.090	-.436
270	237	-.276	.034	-.176	-.474	270	287	-.319	.073	-.046	-.668	270	351	-.286	.043	-.114	-.450
270	238	-.275	.034	-.174	-.447	270	288	-.326	.074	-.083	-.739	270	352	-.296	.045	-.186	-.520
270	239	-.278	.033	-.128	-.443	270	289	-.357	.068	-.167	-.782	270	353	-.287	.054	-.067	-.571
270	240	-.264	.030	-.152	-.370	270	290	-.350	.065	-.183	-.907	270	354	-.279	.047	-.107	-.503
270	241	-.248	.030	-.138	-.400	270	291	-.347	.067	-.110	-.626	270	355	-.279	.038	-.137	-.480
270	242	-.239	.032	-.125	-.384	270	292	-.330	.067	-.105	-.766	270	356	-.596	.212	-.097	-2.112
270	243	-.240	.038	-.118	-.389	270	293	-.293	.059	-.117	-.640	270	357	-.529	.181	-.012	-1.381
270	244	-.239	.040	-.099	-.400	270	294	-.278	.059	-.071	-.596	270	358	-.341	.065	-.118	-.751
270	245	-.292	.041	-.186	-.522	270	295	-.273	.062	-.061	-.709	270	359	-.290	.042	-.121	-.471
270	246	-.289	.037	-.167	-.540	270	296	-.274	.065	-.023	-.660	270	360	-.272	.033	-.170	-.394
270	247	-.285	.035	-.174	-.436	270	297	-.352	.066	-.141	-.758	270	361	-.277	.033	-.165	-.412
270	248	-.274	.033	-.165	-.430	270	298	-.381	.099	-.158	-1.077	270	362	-.280	.034	-.174	-.417
270	249	-.276	.031	-.174	-.414	270	299	-.368	.085	-.160	-.874	270	363	-.291	.037	-.200	-.454
270	250	-.269	.033	-.145	-.407	270	300	-.360	.079	-.098	-.746	270	364	-.294	.041	-.181	-.494
270	251	-.238	.029	-.163	-.375	270	301	-.320	.062	-.112	-.667	270	365	-.282	.044	-.130	-.475
270	252	-.237	.025	-.152	-.339	270	302	-.320	.065	-.126	-.695	270	366	-.276	.047	-.107	-.527
270	253	-.223	.027	-.131	-.380	270	303	-.263	.057	-.082	-.570	270	367	-.342	.119	-.029	-1.092
270	254	-.221	.034	-.131	-.459	270	304	-.266	.042	-.107	-.451	270	368	-.300	.110	-.039	-.935
270	255	-.218	.035	-.111	-.509	270	305	-.291	.053	-.114	-.582	270	369	-.224	.052	-.052	-.639
270	256	-.298	.036	-.192	-.488	270	306	-.265	.049	-.025	-.499	270	370	-.241	.038	-.072	-.389
270	257	-.287	.037	-.183	-.468	270	307	-.262	.047	-.061	-.481	270	371	-.249	.030	-.139	-.375
270	258	-.285	.036	-.183	-.432	270	308	-.266	.048	-.089	-.492	270	372	-.253	.032	-.156	-.410
270	259	-.272	.039	-.120	-.418	270	309	-.264	.046	-.128	-.483	270	373	-.267	.031	-.174	-.394
270	260	-.269	.037	-.159	-.416	270	310	-.376	.100	-.126	-1.107	270	374	-.297	.040	-.188	-.465
270	261	-.265	.036	-.131	-.475	270	311	-.375	.094	-.133	-.893	270	375	-.284	.047	-.111	-.510
270	262	-.240	.028	-.161	-.364	270	312	-.357	.081	-.073	-.826	270	376	-.251	.052	-.072	-.485
270	263	-.221	.022	-.147	-.341	270	313	-.311	.061	-.107	-.651	270	377	-.238	.049	-.058	-.478
270	264	-.202	.025	-.125	-.321	270	314	-.289	.052	-.061	-.577	270	378	-.321	.156	-.111	-1.007
270	265	-.191	.027	-.115	-.326	270	315	-.289	.053	-.087	-.517	270	379	-.200	.113	-.126	-.056
270	266	-.189	.028	-.088	-.339	270	316	-.266	.041	-.158	-.534	270	380	-.178	.051	-.069	-.415
270	267	-.291	.040	-.183	-.473	270	317	-.275	.041	-.119	-.575	270	381	-.238	.035	-.096	-.370
270	268	-.295	.045	-.196	-.527	270	318	-.270	.047	-.045	-.584	270	382	-.250	.030	-.130	-.367

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	383	- .235	.028	- .134	- .368	270	447	- .028	.082	.323	- .504	270	908	- .405	.120	- .051	-1. 016
270	384	- .245	.028	- .143	- .339	270	448	- .017	.088	.585	- .194	270	909	- .469	.117	- .044	-1. 034
270	385	- .262	.035	- .163	- .453	270	449	- .195	.134	.186	- .857	270	910	- .396	.132	- .179	-1. 009
270	386	- .199	.046	- .012	- .381	270	450	- .159	.111	.090	- .934	270	911	- .116	.087	- .361	- .532
270	401	- .407	.162	- .224	- .969	270	451	- .161	.065	.122	- .447	270	912	- .274	.075	- .048	- .684
270	402	- .290	.122	.117	- .818	270	452	- .085	.073	.321	- .483	270	913	- .197	.075	- .143	- .566
270	403	- .326	.082	.005	- .760	270	453	- .064	.103	.457	- .354	270	914	- .357	.113	- .091	- .848
270	404	- .209	.187	.311	-1. 008	270	454	- .987	.138	.516	- .420	270	915	- .282	.074	- .001	- .671
270	405	- .156	.103	.219	- .738	270	455	- .141	.137	.496	- .636	270	916	- .292	.087	- .152	- .596
270	406	- .204	.054	.017	- .453	270	456	- .028	.085	.396	- .317	270	917	- .274	.051	- .048	- .606
270	407	- .224	.064	.031	- .492	270	457	- .085	.083	.336	- .586	270	918	- .400	.116	- .013	- .940
270	408	- .411	.109	.056	- .828	270	458	- .065	.058	.270	- .358	270	919	- .287	.035	- .134	- .439
270	409	- .327	.105	.061	- .797	270	459	- .028	.061	.282	- .199	270	920	- .270	.077	- .037	- .589
270	410	- .344	.081	.104	- .668	270	460	- .177	.090	.047	- .638	270	921	- .184	.090	- .303	- .549
270	411	- .342	.077	.069	- .865	270	461	- .149	.073	.050	- .600	270	922	- .250	.095	- .239	- .768
270	412	- .118	.192	.840	- .590	270	462	- .112	.054	.277	- .372	270	923	- .331	.066	- .103	- .699
270	413	- .368	.180	.131	-1. 249	270	463	- .091	.063	.286	- .367	270	924	- .195	.090	- .285	- .446
270	414	- .286	.114	.085	- .972	270	464	- .059	.094	.357	- .338	270	925	- .331	.063	- .091	- .727
270	415	- .242	.062	.104	- .448	270	465	- .088	.108	.425	- .424	270	926	- .371	.067	- .181	- .709
270	416	- .267	.066	.345	- .478	270	466	- .124	.111	.623	- .477	270	927	- .357	.070	- .141	- .762
270	417	- .291	.068	.119	- .553	270	467	- .083	.060	.229	- .274	270	928	- .309	.056	- .126	- .681
270	418	- .050	.146	.662	- .439	270	468	- .088	.050	.163	- .290	270	929	- .291	.046	- .110	- .531
270	419	- .134	.197	.445	-1. 064	270	469	- .085	.044	.147	- .269	280	101	- .384	.221	- .383	-1. 195
270	420	- .085	.150	.367	-1. 310	270	470	- .073	.040	.168	- .253	280	102	- .354	.233	- .679	- .961
270	421	- .094	.067	.160	- .390	270	471	- .128	.052	.059	- .552	280	103	- .189	.090	- .229	- .508
270	422	- .176	.071	.143	- .483	270	472	- .115	.047	.088	- .424	280	104	- .147	.112	- .229	- .548
270	423	- .122	.089	.333	- .390	270	473	- .104	.039	.072	- .256	280	105	- .059	.135	- .407	- .654
270	424	- .128	.167	.961	- .373	270	474	- .098	.041	.077	- .251	280	106	- .256	.116	- .217	- .716
270	425	- .265	.142	.099	- .962	270	475	- .111	.046	.047	- .286	280	107	- .101	.122	- .319	- .476
270	426	- .202	.101	.131	- .728	270	476	- .127	.053	.111	- .351	280	108	- .043	.144	- .501	- .474
270	427	- .171	.074	.134	- .556	270	477	- .192	.060	.054	- .424	280	109	- .050	.177	- .799	- .522
270	428	- .190	.071	.263	- .487	270	478	- .060	.056	.409	- .198	280	110	- .100	.202	- .853	- .488
270	429	- .234	.083	.333	- .538	270	479	- .077	.039	.176	- .200	280	111	- .280	.129	- .191	-1. 156
270	430	- .271	.076	.229	- .536	270	480	- .090	.036	.060	- .218	280	112	- .154	.069	- .229	- .395
270	431	- .086	.155	.672	- .329	270	481	- .083	.042	.198	- .218	280	113	- .115	.087	- .450	- .430
270	432	- .096	.174	.472	-1. 120	270	482	- .071	.058	.253	- .198	280	114	- .059	.100	- .407	- .349
270	433	- .053	.128	.367	- .882	270	483	- .075	.057	.189	- .223	280	115	- .083	.139	- .351	- .776
270	434	- .099	.083	.316	- .660	270	801	- .122	.042	.048	- .258	280	116	- .199	.201	- .598	- .922
270	435	- .042	.101	.616	- .448	270	802	- .146	.028	.038	- .237	280	117	- .055	.211	- .093	- .448
270	436	- .096	.151	.974	- .482	270	803	- .081	.042	.217	- .214	280	118	- .123	.176	- .802	- .423
270	437	- .017	.108	.528	- .271	270	804	- .093	.036	.101	- .268	280	119	- .089	.161	- .677	- .409
270	438	- .240	.173	.260	-1. 325	270	805	- .084	.046	.154	- .210	280	120	- .094	.161	- .802	- .243
270	439	- .141	.098	.282	- .620	270	806	- .284	.043	- .175	- .483	280	121	- .133	.190	- .961	- .384
270	440	- .136	.083	.131	- .602	270	901	- .062	.166	.678	- .440	280	122	- .150	.200	- .947	- .568
270	441	- .125	.066	.207	- .376	270	902	- .021	.158	.605	- .494	280	123	- .066	.154	- .613	- .518
270	442	- .150	.084	.371	- .508	270	903	- .331	.158	.277	-1. 167	280	124	- .191	.054	- .085	- .377
270	443	- .206	.096	.389	- .559	270	904	- .252	.080	.043	- .710	280	125	- .137	.071	- .219	- .356
270	444	- .245	.101	.227	- .548	270	905	- .317	.068	.032	- .665	280	126	- .075	.094	- .388	- .321
270	445	- .038	.114	.530	- .342	270	906	- .469	.122	.007	-1. 099	280	127	- .103	.170	- .492	- .786
270	446	- .065	.103	.453	- .636	270	907	- .451	.131	.105	- .993	280	128	- .032	.144	- .688	- .790

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	129	.046	.174	.628	-.733	280	179	-.172	.031	-.006	-.284	280	243	-.302	.033	-.166	-.429
280	130	.091	.193	.966	-.384	280	180	-.176	.028	-.066	-.291	280	246	-.300	.032	-.168	-.417
280	131	.125	.165	.950	-.243	280	181	-.163	.032	-.013	-.274	280	247	-.309	.030	-.191	-.419
280	132	.098	.178	.908	-.474	280	182	-.147	.043	-.067	-.314	280	248	-.280	.031	-.157	-.397
280	133	.093	.153	.890	-.252	280	183	-.091	.037	-.136	-.179	280	249	-.280	.035	-.198	-.447
280	134	.094	.165	.850	-.315	280	184	-.079	.061	-.247	-.267	280	250	-.293	.030	-.203	-.470
280	135	.011	.153	.762	-.381	280	201	-.305	.087	-.024	-.781	280	251	-.282	.028	-.191	-.388
280	136	.217	.044	.007	-.384	280	202	-.350	.090	-.064	-.853	280	252	-.279	.029	-.189	-.388
280	137	.181	.054	.081	-.321	280	203	-.419	.116	-.046	-.896	280	253	-.268	.033	-.171	-.451
280	138	.137	.068	.261	-.328	280	204	-.315	.066	-.126	-.688	280	254	-.263	.034	-.166	-.490
280	139	.101	.083	.414	-.321	280	205	-.310	.056	-.160	-.613	280	255	-.266	.040	-.162	-.643
280	140	.196	.126	.409	-.848	280	206	-.291	.046	-.163	-.535	280	256	-.263	.030	-.230	-.447
280	141	.075	.179	.522	-1.109	280	207	-.295	.069	-.092	-.669	280	257	-.263	.033	-.212	-.454
280	142	.027	.162	.648	-1.032	280	208	-.303	.076	-.068	-.761	280	258	-.244	.029	-.221	-.442
280	143	.117	.177	.908	-.492	280	209	-.308	.065	-.048	-.718	280	259	-.281	.031	-.155	-.408
280	144	.091	.180	.950	-.420	280	210	-.334	.070	-.163	-.732	280	260	-.203	.034	-.216	-.522
280	145	.238	.034	-.100	-.418	280	211	-.345	.077	-.131	-.817	280	261	-.293	.030	-.198	-.415
280	146	.223	.035	-.093	-.354	280	212	-.330	.057	-.172	-.671	280	262	-.287	.029	-.212	-.399
280	147	.198	.040	-.039	-.406	280	213	-.292	.062	-.058	-.742	280	263	-.272	.031	-.194	-.424
280	148	.185	.045	-.016	-.350	280	214	-.288	.057	-.109	-.613	280	264	-.272	.037	-.171	-.483
280	149	.169	.045	.010	-.347	280	215	-.286	.046	-.099	-.523	280	265	-.238	.034	-.164	-.394
280	150	.157	.087	.129	-.633	280	216	-.272	.045	-.133	-.523	280	266	-.236	.037	-.152	-.426
280	151	.232	.119	.197	-.925	280	217	-.269	.042	-.138	-.486	280	267	-.310	.033	-.191	-.458
280	152	.036	.112	1.015	-.315	280	218	-.354	.057	-.206	-.742	280	268	-.305	.035	-.200	-.463
280	153	.025	.111	.735	-.289	280	219	-.320	.056	-.148	-.652	280	269	-.307	.033	-.203	-.467
280	154	.022	.114	.770	-.399	280	220	-.306	.057	-.146	-.854	280	270	-.275	.032	-.134	-.404
280	155	.008	.106	.571	-.310	280	221	-.299	.053	-.150	-.530	280	271	-.279	.032	-.125	-.417
280	156	.228	.035	-.097	-.401	280	222	-.295	.057	-.104	-.662	280	272	-.277	.030	-.100	-.390
280	157	.210	.033	-.079	-.345	280	223	-.293	.055	-.097	-.545	280	273	-.269	.031	-.120	-.408
280	158	.192	.035	-.051	-.364	280	224	-.328	.050	-.182	-.620	280	274	-.259	.033	-.148	-.538
280	159	.194	.042	-.023	-.474	280	225	-.297	.052	-.148	-.645	280	275	-.294	.062	-.173	-1.063
280	160	.187	.041	-.032	-.413	280	226	-.288	.048	-.136	-.552	280	276	-.279	.048	-.178	-.627
280	161	.182	.074	.115	-.712	280	227	-.291	.042	-.136	-.489	280	277	-.276	.048	-.143	-.566
280	162	.235	.110	.223	-.683	280	228	-.280	.040	-.138	-.494	280	278	-.291	.033	-.198	-.414
280	163	.019	.085	.438	-.284	280	229	-.277	.044	-.158	-.639	280	279	-.281	.032	-.171	-.387
280	164	.047	.080	.398	-.282	280	230	-.274	.039	-.168	-.481	280	280	-.264	.033	-.135	-.401
280	165	.042	.083	.667	-.357	280	231	-.343	.051	-.219	-.586	280	281	-.235	.031	-.121	-.370
280	166	.048	.083	.545	-.275	280	232	-.316	.045	-.187	-.542	280	282	-.247	.029	-.150	-.368
280	167	.234	.035	-.097	-.460	280	233	-.306	.041	-.175	-.518	280	283	-.238	.036	-.035	-.425
280	168	.206	.031	-.102	-.333	280	234	-.301	.048	-.131	-.698	280	284	-.259	.046	-.116	-.560
280	169	.189	.031	-.058	-.338	280	235	-.302	.043	-.172	-.508	280	285	-.247	.042	-.160	-.569
280	170	.187	.030	-.062	-.298	280	236	-.325	.048	-.165	-.542	280	286	-.273	.044	-.163	-.506
280	171	.177	.032	-.030	-.340	280	237	-.290	.038	-.136	-.462	280	301	-.337	.102	-.069	-.842
280	172	.180	.054	.022	-.443	280	238	-.310	.046	-.168	-.683	280	302	-.333	.085	-.067	-.713
280	173	.203	.074	.148	-.574	280	239	-.300	.039	-.170	-.511	280	303	-.394	.079	-.179	-.775
280	174	.087	.058	.204	-.263	280	240	-.291	.036	-.177	-.464	280	304	-.388	.076	-.142	-.840
280	175	.093	.057	.213	-.266	280	241	-.282	.035	-.159	-.431	280	305	-.378	.074	-.131	-.966
280	176	.103	.061	.234	-.404	280	242	-.286	.038	-.173	-.534	280	306	-.383	.082	-.149	-.012
280	177	.089	.060	.316	-.275	280	243	-.271	.039	-.143	-.515	280	307	-.383	.070	-.147	-.852
280	178	.167	.032	-.009	-.279	280	244	-.274	.043	-.150	-.641	280	308	-.322	.067	-.117	-.763

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	309	-.334	.072	-.121	-.763	280	359	-.331	.046	-.158	-.629	280	423	-.077	.126	.515	-.402
280	310	-.336	.080	-.077	-.977	280	360	-.314	.034	-.205	-.497	280	424	-.171	.188	.899	-.259
280	311	-.386	.080	-.171	-.911	280	361	-.303	.030	-.210	-.474	280	425	-.405	.197	.084	-1.486
280	312	-.343	.059	-.179	-.684	280	362	-.306	.030	-.201	-.420	280	426	-.253	.114	.174	-.896
280	313	-.345	.058	-.165	-.675	280	363	-.306	.031	-.191	-.427	280	427	-.237	.109	.154	-.929
280	314	-.355	.058	-.154	-.680	280	364	-.310	.034	-.212	-.497	280	428	-.213	.055	.128	-.436
280	315	-.373	.066	-.165	-.749	280	365	-.293	.032	-.187	-.427	280	429	-.261	.053	.133	-.521
280	316	-.379	.074	-.149	-.770	280	366	-.280	.036	-.118	-.415	280	430	-.290	.047	.044	-.470
280	317	-.288	.062	-.091	-.649	280	367	-.408	.092	-.170	-.921	280	431	-.098	.150	.793	-.419
280	318	-.347	.058	-.210	-.705	280	368	-.415	.098	-.172	-1.234	280	432	-.105	.181	.529	-.898
280	319	-.357	.062	-.142	-.794	280	369	-.321	.059	-.154	-.589	280	433	-.059	.133	.541	-.825
280	320	-.323	.053	-.161	-.773	280	370	-.283	.031	-.175	-.438	280	434	-.081	.112	.399	-.455
280	321	-.334	.059	-.158	-.714	280	371	-.280	.028	-.194	-.391	280	435	-.005	.138	.587	-.351
280	322	-.342	.067	-.151	-.721	280	372	-.286	.026	-.203	-.384	280	436	-.102	.145	.713	-.588
280	323	-.293	.053	-.124	-.540	280	373	-.295	.030	-.198	-.431	280	437	-.061	.140	.742	-.315
280	324	-.339	.052	-.196	-.568	280	374	-.307	.032	-.212	-.443	280	438	-.326	.197	.222	-1.701
280	325	-.342	.050	-.198	-.566	280	375	-.307	.037	-.163	-.479	280	439	-.172	.099	.212	-.620
280	326	-.350	.054	-.191	-.647	280	376	-.286	.036	-.130	-.438	280	440	-.224	.123	.123	-.837
280	327	-.362	.053	-.168	-.603	280	377	-.282	.037	-.135	-.424	280	441	-.175	.060	.217	-.416
280	328	-.349	.054	-.163	-.638	280	378	-.445	.119	-.153	-1.286	280	442	-.197	.057	.181	-.391
280	329	-.355	.053	-.205	-.603	280	379	-.419	.112	-.109	-.901	280	443	-.252	.053	.138	-.484
280	330	-.286	.047	-.121	-.486	280	380	-.471	.059	-.061	-.564	280	444	-.282	.052	.056	-.490
280	331	-.336	.050	-.205	-.580	280	381	-.273	.032	-.128	-.384	280	445	-.022	.103	.605	-.239
280	332	-.347	.052	-.198	-.596	280	382	-.278	.025	-.175	-.373	280	446	-.073	.100	.421	-.593
280	333	-.321	.048	-.170	-.605	280	383	-.267	.027	-.186	-.373	280	447	-.040	.089	.382	-.364
280	334	-.321	.050	-.177	-.642	280	384	-.274	.026	-.186	-.380	280	448	-.002	.088	.512	-.227
280	335	-.301	.044	-.163	-.517	280	385	-.288	.030	-.198	-.412	280	449	-.322	.122	.197	-.994
280	336	-.349	.060	-.186	-.656	280	386	-.253	.034	-.114	-.362	280	450	-.259	.119	.140	-.867
280	337	-.342	.055	-.189	-.614	280	401	-.402	.213	-.484	-1.205	280	451	-.161	.061	.178	-.579
280	338	-.361	.056	-.210	-.687	280	402	-.178	.147	-.549	-.683	280	452	-.153	.051	.088	-.305
280	339	-.354	.050	-.186	-.605	280	403	-.293	.100	-.079	-.733	280	453	-.173	.056	.076	-.357
280	340	-.343	.048	-.189	-.538	280	404	-.254	.231	-.491	-1.186	280	454	-.222	.059	.085	-.543
280	341	-.337	.049	-.158	-.559	280	405	-.153	.143	-.290	-.854	280	455	-.270	.066	.042	-.606
280	342	-.343	.051	-.179	-.601	280	406	-.183	.076	-.121	-.513	280	456	-.049	.083	.382	-.266
280	343	-.317	.044	-.191	-.552	280	407	-.198	.086	-.101	-.540	280	457	-.098	.077	.260	-.429
280	344	-.292	.040	-.156	-.507	280	408	-.385	.115	-.024	-1.002	280	458	-.078	.065	.299	-.336
280	345	-.379	.083	-.156	-.013	280	409	-.285	.115	-.198	-.934	280	459	-.052	.071	.466	-.239
280	346	-.390	.089	-.154	-.176	280	410	-.305	.090	-.046	-.721	280	460	-.269	.099	.117	-.758
280	347	-.390	.075	-.149	-.860	280	411	-.299	.085	-.094	-.629	280	461	-.228	.096	.040	-.856
280	348	-.356	.056	-.135	-.603	280	412	-.165	.183	-.827	-.388	280	462	-.166	.049	.051	-.400
280	349	-.328	.042	-.161	-.460	280	413	-.487	.202	-.104	-1.476	280	463	-.155	.046	.058	-.348
280	350	-.310	.038	-.156	-.549	280	414	-.360	.160	-.029	-1.157	280	464	-.171	.044	.115	-.309
280	351	-.310	.042	-.137	-.500	280	415	-.239	.060	-.008	-.516	280	465	-.204	.053	.099	-.420
280	352	-.298	.035	-.163	-.483	280	416	-.271	.054	-.017	-.472	280	466	-.249	.060	.108	-.438
280	353	-.297	.035	-.165	-.438	280	417	-.286	.049	-.080	-.499	280	467	-.107	.056	.244	-.300
280	354	-.297	.035	-.154	-.434	280	418	-.100	.167	-.713	-.649	280	468	-.110	.056	.172	-.305
280	355	-.281	.036	-.137	-.415	280	419	-.185	.233	-.587	-1.595	280	469	-.100	.056	.267	-.318
280	356	-.426	.085	-.196	-1.138	280	420	-.098	.173	-.394	-1.014	280	470	-.099	.050	.160	-.239
280	357	-.417	.091	-.135	-1.025	280	421	-.084	.087	-.314	-.363	280	471	-.198	.069	.147	-.556
280	358	-.390	.068	-.212	-.766	280	422	-.165	.101	-.329	-.632	280	472	-.177	.056	.031	-.447

WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN
280	473	- .159	.042	.011	- .345	290	105	- .052	.122	.505	- .495	290	155	- .021	.097	.458	- .317
280	474	- .159	.042	.006	- .332	290	106	- .221	.109	.235	- .627	290	156	- .241	.034	- .137	- .401
280	475	- .176	.037	- .003	- .323	290	107	- .100	.109	.433	- .486	290	157	- .225	.036	- .109	- .433
280	476	- .214	.039	- .021	- .438	290	108	- .039	.130	.511	- .369	290	158	- .200	.034	- .048	- .473
280	477	- .276	.046	- .096	- .549	290	109	- .040	.161	.675	- .445	290	159	- .199	.041	- .019	- .436
280	478	- .071	.062	.507	- .236	290	110	- .077	.184	.809	- .405	290	160	- .199	.040	.024	- .438
280	479	- .076	.066	.365	- .275	290	111	- .255	.116	.222	- .825	290	161	- .196	.062	.003	- .683
280	480	- .123	.048	.100	- .283	290	112	- .153	.078	.253	- .426	290	162	- .240	.092	.127	- .685
280	481	- .124	.046	.053	- .275	290	113	- .104	.091	.281	- .364	290	163	- .066	.075	.365	- .240
280	482	- .137	.041	.018	- .248	290	114	- .047	.110	.364	- .364	290	164	- .071	.074	.281	- .307
280	483	- .141	.042	.078	- .279	290	115	- .045	.138	.415	- .627	290	165	- .087	.072	.276	- .319
280	801	- .155	.041	- .015	- .293	290	116	- .153	.200	.533	- .838	290	166	- .090	.066	.397	- .275
280	802	- .167	.028	- .043	- .258	290	117	- .108	.214	.986	- .451	290	167	- .254	.035	- .111	- .398
280	803	- .095	.050	.253	- .232	290	118	- .150	.167	.825	- .258	290	168	- .226	.032	- .072	- .443
280	804	- .133	.044	.136	- .283	290	119	- .072	.148	.652	- .251	290	169	- .202	.032	- .060	- .335
280	805	- .138	.042	.052	- .241	290	120	- .120	.161	.723	- .253	290	170	- .198	.030	- .041	- .366
280	806	- .301	.036	- .204	- .456	290	121	- .123	.156	.781	- .263	290	171	- .196	.032	- .065	- .326
280	901	- .134	.178	.840	- .333	290	122	- .144	.183	.869	- .468	290	172	- .207	.047	- .016	- .424
280	902	- .076	.170	.697	- .493	290	123	- .035	.168	.871	- .449	290	173	- .231	.069	.045	- .639
280	903	- .344	.147	.214	- .991	290	124	- .198	.058	.092	- .449	290	174	- .124	.056	.148	- .291
280	904	- .271	.074	.028	- .634	290	125	- .141	.076	.258	- .357	290	175	- .129	.052	.124	- .305
280	905	- .336	.071	- .129	- .763	290	126	- .069	.101	.461	- .329	290	176	- .147	.054	.078	- .387
280	906	- .463	.141	- .109	- .998	290	127	- .092	.165	.564	- .730	290	177	- .119	.059	.185	- .303
280	907	- .457	.142	.122	- .920	290	128	- .005	.141	.535	- .638	290	178	- .189	.029	- .067	- .308
280	908	- .413	.123	.044	- .966	290	129	- .009	.175	.627	- .813	290	179	- .191	.029	- .051	- .310
280	909	- .481	.155	.058	- 1.035	290	130	- .076	.188	.965	- .408	290	180	- .196	.029	- .063	- .306
280	910	- .416	.137	.150	- 1.179	290	131	- .130	.147	.827	- .200	290	181	- .188	.029	- .081	- .306
280	911	- .093	.131	.382	- .547	290	132	- .103	.155	.783	- .415	290	182	- .177	.038	.012	- .313
280	912	- .300	.081	.087	- .855	290	133	- .086	.144	.749	- .313	290	183	- .116	.031	.125	- .205
280	913	- .200	.117	.442	- .641	290	134	- .081	.143	.871	- .366	290	184	- .109	.051	.239	- .257
280	914	- .312	.160	.552	- .946	290	135	- .027	.140	.733	- .313	290	201	- .341	.092	- .037	- .969
280	915	- .284	.105	.155	- 1.018	290	136	- .225	.048	.037	- .433	290	202	- .361	.077	- .053	- .677
280	916	- .316	.110	.183	- .728	290	137	- .194	.054	.062	- .373	290	203	- .415	.093	- .143	- .829
280	917	- .291	.058	- .069	- .614	290	138	- .142	.069	.182	- .322	290	204	- .320	.073	- .109	- .771
280	918	- .475	.156	.186	- 1.058	290	139	- .108	.084	.323	- .332	290	205	- .310	.058	- .094	- .621
280	919	- .303	.045	- .155	- .588	290	140	- .201	.120	.283	- .723	290	206	- .307	.048	- .191	- .604
280	920	- .215	.122	.309	- .619	290	141	- .099	.189	.542	- 1.010	290	207	- .314	.061	- .145	- .800
280	921	- .188	.116	.365	- .537	290	142	- .046	.152	.521	- .921	290	208	- .329	.067	- .140	- .694
280	922	- .184	.148	.531	- .777	290	143	- .066	.144	.755	- .352	290	209	- .327	.055	- .145	- .626
280	923	- .363	.091	- .090	- .833	290	144	- .056	.164	.792	- .457	290	210	- .345	.060	- .186	- .631
280	924	- .206	.115	.450	- .518	290	145	- .249	.035	- .097	- .429	290	211	- .358	.064	- .191	- .682
280	925	- .336	.069	- .096	- .638	290	146	- .235	.035	- .095	- .403	290	212	- .317	.056	- .126	- .551
280	926	- .385	.079	- .159	- .890	290	147	- .208	.040	- .041	- .503	290	213	- .312	.052	- .140	- .619
280	927	- .389	.079	- .180	- .901	290	148	- .189	.044	- .006	- .389	290	214	- .310	.046	- .118	- .529
280	928	- .350	.057	- .170	- .712	290	149	- .163	.044	- .025	- .443	290	215	- .300	.042	- .118	- .556
280	929	- .345	.050	- .213	- .717	290	150	- .172	.079	.115	- .592	290	216	- .288	.039	- .152	- .457
290	101	- .416	.178	.364	- 1.253	290	151	- .241	.111	.103	- .949	290	217	- .287	.039	- .169	- .488
290	102	- .389	.177	.702	- 1.008	290	152	- .008	.103	.568	- .317	290	218	- .333	.053	- .194	- .691
290	103	- .171	.096	.279	- .475	290	153	- .004	.100	.542	- .324	290	219	- .325	.054	- .159	- .653
290	104	- .146	.102	.272	- .514	290	154	- .000	.109	.535	- .440	290	220	- .312	.050	- .138	- .604

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	221	.307	.044	.157	.554	290	271	.276	.039	.036	.428	290	335	.319	.039	.199	.502
290	222	.305	.047	.150	.558	290	272	.279	.038	.059	.408	290	336	.308	.052	.155	.546
290	223	.306	.041	.126	.552	290	273	.276	.035	.086	.412	290	337	.318	.054	.181	.587
290	224	.311	.050	.140	.556	290	274	.267	.045	.129	.512	290	338	.329	.054	.190	.638
290	225	.315	.043	.174	.542	290	275	.331	.061	.206	.877	290	339	.345	.051	.176	.555
290	226	.310	.043	.193	.525	290	276	.338	.067	.208	.732	290	340	.332	.045	.206	.548
290	227	.304	.036	.191	.471	290	277	.342	.082	.211	.823	290	341	.324	.050	.171	.648
290	228	.301	.044	.157	.754	290	278	.293	.033	.161	.413	290	342	.326	.054	.134	.625
290	229	.292	.043	.147	.661	290	279	.279	.030	.146	.394	290	343	.303	.043	.169	.489
290	230	.294	.039	.181	.664	290	280	.261	.036	.001	.406	290	344	.298	.036	.176	.459
290	231	.330	.049	.169	.534	290	281	.261	.034	.108	.389	290	345	.343	.074	.136	.714
290	232	.311	.040	.191	.517	290	282	.257	.032	.079	.394	290	346	.347	.072	.106	.852
290	233	.312	.039	.203	.500	290	283	.257	.045	.082	.517	290	347	.359	.068	.159	.641
290	234	.313	.038	.193	.520	290	284	.298	.055	.186	.732	290	348	.340	.056	.178	.683
290	235	.318	.038	.203	.474	290	285	.332	.070	.106	.863	290	349	.322	.047	.157	.564
290	236	.304	.041	.179	.491	290	286	.318	.070	.153	.822	290	350	.300	.040	.169	.439
290	237	.296	.033	.201	.440	290	301	.436	.118	.118	.001	290	351	.304	.044	.129	.526
290	238	.300	.043	.210	.546	290	302	.359	.082	.078	.772	290	352	.293	.036	.108	.426
290	239	.321	.037	.210	.509	290	303	.381	.087	.139	.862	290	353	.294	.036	.164	.442
290	240	.313	.036	.210	.500	290	304	.372	.089	.104	.997	290	354	.295	.036	.150	.468
290	241	.302	.034	.181	.428	290	305	.348	.070	.121	.786	290	355	.291	.037	.148	.443
290	242	.295	.041	.179	.548	290	306	.367	.087	.086	.269	290	356	.382	.077	.171	.170
290	243	.290	.041	.147	.612	290	307	.334	.076	.104	.906	290	357	.380	.080	.213	.015
290	244	.292	.042	.143	.700	290	308	.317	.071	.084	.682	290	358	.353	.064	.180	.688
290	245	.299	.035	.174	.433	290	309	.320	.073	.116	.761	290	359	.323	.047	.190	.548
290	246	.313	.037	.186	.469	290	310	.330	.081	.093	.807	290	360	.309	.036	.216	.498
290	247	.305	.032	.199	.471	290	311	.337	.080	.074	.813	290	361	.304	.031	.176	.440
290	248	.313	.032	.188	.406	290	312	.313	.055	.109	.550	290	362	.307	.031	.204	.477
290	249	.347	.050	.229	.580	290	313	.308	.052	.139	.636	290	363	.312	.031	.218	.433
290	250	.326	.039	.213	.621	290	314	.335	.068	.132	.846	290	364	.309	.031	.183	.438
290	251	.318	.037	.217	.499	290	315	.349	.074	.037	.895	290	365	.301	.034	.208	.433
290	252	.308	.039	.202	.560	290	316	.358	.082	.102	.886	290	366	.292	.035	.099	.428
290	253	.290	.034	.183	.462	290	317	.300	.049	.137	.608	290	367	.368	.077	.176	.816
290	254	.288	.043	.170	.685	290	318	.326	.053	.171	.715	290	368	.376	.084	.155	.826
290	255	.288	.044	.168	.598	290	319	.339	.061	.137	.708	290	369	.300	.045	.136	.555
290	256	.315	.030	.229	.444	290	320	.318	.053	.139	.599	290	370	.282	.031	.176	.398
290	257	.311	.032	.122	.428	290	321	.316	.057	.141	.638	290	371	.283	.026	.190	.407
290	258	.305	.035	.059	.415	290	322	.326	.065	.148	.694	290	372	.290	.025	.199	.405
290	259	.303	.035	.122	.428	290	323	.305	.040	.144	.523	290	373	.291	.028	.190	.396
290	260	.324	.040	.190	.633	290	324	.308	.049	.132	.530	290	374	.304	.034	.204	.433
290	261	.316	.036	.190	.530	290	325	.316	.052	.158	.543	290	375	.307	.035	.192	.468
290	262	.322	.037	.217	.517	290	326	.331	.052	.153	.537	290	376	.291	.034	.176	.442
290	263	.326	.053	.199	.725	290	327	.339	.052	.160	.569	290	377	.280	.037	.141	.424
290	264	.309	.052	.206	.605	290	328	.340	.055	.181	.629	290	378	.373	.102	.121	.054
290	265	.302	.059	.197	.823	290	329	.337	.060	.151	.705	290	379	.379	.090	.140	.784
290	266	.290	.056	.186	.707	290	330	.300	.037	.174	.467	290	380	.272	.043	.103	.495
290	267	.307	.033	.190	.442	290	331	.325	.048	.162	.571	290	381	.271	.026	.186	.365
290	268	.301	.035	.120	.469	290	332	.331	.051	.183	.587	290	382	.277	.023	.209	.365
290	269	.306	.035	.172	.467	290	333	.310	.044	.183	.571	290	383	.275	.026	.162	.370
290	270	.279	.034	.149	.406	290	334	.308	.046	.160	.648	290	384	.278	.024	.192	.371

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	385	-.288	.030	-.140	-.403	290	449	-.330	.100	.065	-.842	290	910	-.414	.106	.097	-.924
290	386	-.262	.030	-.170	-.393	290	450	-.292	.102	.133	-.745	290	911	-.094	.134	.554	-.445
290	401	-.421	.175	-.652	-1.005	290	451	-.167	.054	.094	-.453	290	912	-.310	.070	-.060	-.732
290	402	-.154	.148	-.429	-.619	290	452	-.180	.043	.119	-.306	290	913	-.161	.130	.549	-.573
290	403	-.283	.099	-.099	-.662	290	453	-.191	.043	.051	-.333	290	914	-.300	.144	.493	-.870
290	404	-.275	.229	-.524	-1.051	290	454	-.231	.047	.065	-.403	290	915	-.307	.086	.045	-.769
290	405	-.142	.151	-.314	-.723	290	455	-.261	.052	.029	-.507	290	916	-.349	.091	.157	-.865
290	406	-.166	.077	-.130	-.382	290	456	-.086	.075	.286	-.320	290	917	-.304	.046	-.116	-.594
290	407	-.166	.095	-.258	-.423	290	457	-.137	.071	.304	-.415	290	918	-.434	.168	-.245	-1.046
290	408	-.330	.100	-.294	-.718	290	458	-.123	.055	.169	-.424	290	919	-.314	.039	-.160	-.515
290	409	-.238	.106	-.236	-.732	290	459	-.088	.062	.284	-.245	290	920	-.219	.115	.341	-.601
290	410	-.255	.087	-.140	-.674	290	460	-.264	.060	.060	-.707	290	921	-.224	.100	.269	-.531
290	411	-.253	.079	-.188	-.657	290	461	-.251	.077	.024	-.682	290	922	-.173	.143	.596	-.655
290	412	-.128	.162	-.098	-.343	290	462	-.189	.041	-.010	-.397	290	923	-.380	.112	-.080	-.964
290	413	-.496	.188	-.003	-1.442	290	463	-.182	.036	-.048	-.367	290	924	-.236	.098	.256	-.570
290	414	-.364	.160	-.170	-1.157	290	464	-.190	.040	.013	-.356	290	925	-.297	.075	.108	-.705
290	415	-.222	.064	-.140	-.337	290	465	-.215	.043	.144	-.358	290	926	-.363	.087	-.044	-.955
290	416	-.247	.051	-.016	-.626	290	466	-.244	.046	-.035	-.440	290	927	-.344	.073	.011	-.758
290	417	-.264	.048	-.015	-.510	290	467	-.139	.063	.248	-.322	290	928	-.324	.060	-.125	-.629
290	418	-.128	.161	-.794	-.254	290	468	-.133	.061	.223	-.363	290	929	-.320	.048	.186	-.595
290	419	-.206	.197	-.490	-.947	290	469	-.131	.056	.241	-.290	300	101	-.479	.142	.113	-1.055
290	420	-.140	.193	-.388	-.991	290	470	-.124	.051	.144	-.275	300	102	-.453	.113	.337	-.810
290	421	-.086	.095	-.268	-.440	290	471	-.209	.061	-.087	-.569	300	103	-.155	.109	.406	-.526
290	422	-.146	.112	-.422	-.657	290	472	-.192	.047	-.014	-.541	300	104	-.121	.122	.321	-.517
290	423	-.050	.140	-.553	-.348	290	473	-.180	.037	-.051	-.327	300	105	-.002	.129	.446	-.549
290	424	-.115	.158	-.932	-.259	290	474	-.181	.034	-.010	-.315	300	106	-.200	.117	.233	-.612
290	425	-.433	.195	-.084	-1.527	290	475	-.193	.032	-.064	-.304	300	107	-.064	.104	.344	-.392
290	426	-.253	.095	-.050	-.776	290	476	-.218	.034	-.078	-.428	300	108	-.023	.117	.483	-.360
290	427	-.266	.113	-.096	-.947	290	477	-.265	.038	-.143	-.485	300	109	-.059	.147	.591	-.330
290	428	-.215	.050	-.103	-.447	290	478	-.111	.045	.119	-.286	300	110	-.098	.163	.605	-.353
290	429	-.247	.045	-.041	-.459	290	479	-.127	.053	.274	-.263	300	111	-.238	.128	.325	-.802
290	430	-.269	.040	-.102	-.628	290	480	-.167	.039	.127	-.329	300	112	-.124	.092	.409	-.432
290	431	-.101	.135	-.712	-.189	290	481	-.171	.034	-.003	-.258	300	113	-.053	.107	.522	-.367
290	432	-.161	.170	-.475	-.896	290	482	-.175	.032	-.083	-.275	300	114	-.003	.122	.492	-.325
290	433	-.097	.150	-.582	-1.370	290	483	-.181	.032	-.042	-.285	300	115	-.001	.137	.547	-.612
290	434	-.089	.115	-.427	-.397	290	801	-.181	.035	-.049	-.335	300	116	-.056	.203	.538	-.859
290	435	-.019	.132	-.599	-.305	290	802	-.188	.028	-.060	-.289	300	117	-.082	.186	.732	-.485
290	436	-.083	.150	-.768	-.442	290	803	-.125	.042	.105	-.260	300	118	-.171	.154	.760	-.316
290	437	-.017	.130	-.734	-.464	290	804	-.171	.038	-.002	-.296	300	119	-.137	.148	.843	-.321
290	438	-.355	.173	-.142	-1.413	290	805	-.174	.033	-.010	-.301	300	120	-.153	.153	.672	-.228
290	439	-.196	.088	-.256	-.517	290	806	-.301	.033	-.182	-.471	300	121	-.178	.169	.760	-.261
290	440	-.263	.116	-.038	-.851	290	901	-.126	.170	.839	-.268	300	122	-.157	.169	.751	-.448
290	441	-.197	.054	-.029	-.503	290	902	-.093	.166	.799	-.379	300	123	-.053	.144	.603	-.411
290	442	-.206	.046	-.001	-.399	290	903	-.304	.127	-.212	-.772	300	124	-.179	.066	.180	-.379
290	443	-.244	.038	-.053	-.435	290	904	-.283	.059	-.020	-.505	300	125	-.105	.084	.319	-.349
290	444	-.266	.040	-.091	-.437	290	905	-.346	.059	-.193	-.829	300	126	-.016	.112	.485	-.279
290	445	-.018	.089	-.449	-.243	290	906	-.467	.113	-.180	-.967	300	127	-.022	.153	.561	-.253
290	446	-.120	.090	-.359	-.510	290	907	-.451	.109	-.065	-1.103	300	128	-.098	.158	.651	-.480
290	447	-.079	.069	-.284	-.317	290	908	-.420	.094	-.076	-.790	300	129	-.090	.166	.709	-.584
290	448	-.039	.078	-.393	-.229	290	909	-.470	.114	-.265	-.958	300	130	-.081	.167	.794	-.383

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	131	.195	.165	.864	-.224	300	181	-.205	.029	-.025	-.308	300	247	-.302	.034	-.201	-.466
300	132	.160	.153	.697	-.231	300	182	-.187	.036	-.032	-.308	300	248	-.293	.033	-.175	-.415
300	133	.136	.159	.882	-.258	300	183	-.136	.030	-.090	-.219	300	249	-.352	.056	-.198	-.681
300	134	.122	.146	.776	-.261	300	184	-.130	.047	-.156	-.268	300	250	-.339	.046	-.207	-.555
300	135	-.004	.141	.621	-.415	300	201	-.358	.055	-.070	-.060	300	251	-.350	.053	-.198	-.630
300	136	-.219	.054	.062	-.413	300	202	-.375	.074	-.154	-.767	300	252	-.345	.059	-.214	-.605
300	137	-.177	.063	.113	-.418	300	203	-.452	.090	-.176	-.874	300	253	-.340	.058	-.143	-.756
300	138	-.113	.075	.199	-.339	300	204	-.323	.079	-.114	-.816	300	254	-.317	.054	-.173	-.681
300	139	-.060	.091	.365	-.300	300	205	-.317	.062	-.102	-.582	300	255	-.317	.055	-.169	-.809
300	140	-.138	.124	.402	-.699	300	206	-.315	.052	-.153	-.558	300	256	-.284	.042	-.043	-.443
300	141	-.032	.191	.752	-.958	300	207	-.319	.062	-.131	-.587	300	257	-.273	.047	-.054	-.406
300	142	.010	.172	.600	-.886	300	208	-.340	.074	-.119	-.699	300	258	-.284	.043	-.054	-.397
300	143	.120	.155	.719	-.482	300	209	-.335	.061	-.153	-.758	300	259	-.264	.042	-.047	-.399
300	144	.083	.163	.724	-.477	300	210	-.354	.062	-.187	-.673	300	260	-.294	.048	-.130	-.359
300	145	-.272	.041	-.133	.547	300	211	-.369	.063	-.200	-.716	300	261	-.283	.041	-.082	-.450
300	146	-.254	.038	.077	.451	300	212	-.396	.045	-.163	-.563	300	262	-.316	.041	-.134	-.477
300	147	-.220	.039	.084	.393	300	213	-.332	.069	-.156	-.868	300	263	-.360	.057	-.212	-.601
300	148	-.193	.047	.035	.454	300	214	-.331	.058	-.117	-.716	300	264	-.358	.070	-.219	-.765
300	149	-.177	.050	.028	.421	300	215	-.315	.047	-.151	-.636	300	265	-.344	.073	-.198	-.756
300	150	-.161	.086	.142	.370	300	216	-.304	.043	-.146	-.570	300	266	-.336	.073	-.191	-.806
300	151	-.243	.131	.273	-.947	300	217	-.300	.042	-.153	-.585	300	267	-.278	.037	-.143	-.393
300	152	.036	.126	.757	-.248	300	218	-.306	.042	-.165	-.563	300	268	-.277	.036	-.157	-.425
300	153	.037	.128	.738	-.260	300	219	-.320	.053	-.185	-.631	300	269	-.274	.038	-.137	-.388
300	154	.030	.129	.792	-.348	300	220	-.318	.051	-.151	-.543	300	270	-.266	.033	-.143	-.372
300	155	.001	.112	.635	-.239	300	221	-.312	.041	-.197	-.531	300	271	-.253	.045	-.005	-.415
300	156	-.266	.045	.091	.482	300	222	-.324	.052	-.146	-.624	300	272	-.242	.049	-.044	-.418
300	157	-.238	.039	.103	.463	300	223	-.313	.043	-.180	-.514	300	273	-.263	.043	-.057	-.418
300	158	-.207	.041	.061	.419	300	224	-.325	.038	-.170	-.473	300	274	-.302	.059	-.079	-.637
300	159	-.206	.047	.026	.447	300	225	-.331	.049	-.170	-.577	300	275	-.390	.095	-.162	-.621
300	160	-.201	.046	.010	.449	300	226	-.321	.043	-.178	-.521	300	276	-.394	.098	-.214	-.167
300	161	-.198	.070	.128	.673	300	227	-.317	.042	-.200	-.514	300	277	-.392	.097	-.210	-.215
300	162	-.253	.114	.135	.940	300	228	-.312	.047	-.151	-.636	300	278	-.308	.032	-.207	-.438
300	163	-.048	.099	.448	.337	300	229	-.313	.051	-.090	-.668	300	279	-.293	.034	-.176	-.422
300	164	-.034	.091	.500	.351	300	230	-.310	.047	-.153	-.699	300	280	-.280	.037	-.088	-.405
300	165	-.067	.093	.488	.367	300	231	-.298	.035	-.187	-.460	300	281	-.278	.036	-.038	-.433
300	166	-.062	.083	.369	.267	300	232	-.323	.043	-.197	-.529	300	282	-.275	.039	-.064	-.405
300	167	-.277	.047	.098	.580	300	233	-.322	.039	-.212	-.475	300	283	-.275	.049	-.014	-.684
300	168	-.240	.045	.026	.619	300	234	-.340	.045	-.204	-.531	300	284	-.312	.056	-.129	-.729
300	169	-.204	.039	.035	.533	300	235	-.333	.047	-.202	-.602	300	285	-.364	.102	-.105	-.158
300	170	-.198	.034	.014	.344	300	236	-.329	.032	-.192	-.421	300	286	-.381	.104	-.037	-.115
300	171	-.194	.031	.059	.341	300	237	-.314	.035	-.180	-.458	300	301	-.435	.112	-.169	-.921
300	172	-.202	.049	.005	.510	300	238	-.344	.048	-.204	-.536	300	302	-.461	.080	-.088	-.752
300	173	-.222	.058	.000	.547	300	239	-.335	.041	-.207	-.502	300	303	-.443	.069	-.129	-.770
300	174	-.127	.061	.212	.285	300	240	-.328	.039	-.200	-.524	300	304	-.337	.071	-.101	-.777
300	175	-.131	.062	.205	.339	300	241	-.328	.050	-.171	-.630	300	305	-.320	.055	-.103	-.602
300	176	-.135	.066	.289	.344	300	242	-.321	.052	-.137	-.591	300	306	-.314	.060	-.148	-.679
300	177	-.123	.056	.131	.334	300	243	-.315	.058	-.139	-.023	300	307	-.307	.064	-.131	-.021
300	178	-.205	.035	.002	.303	300	244	-.308	.051	-.164	-.646	300	308	-.298	.059	-.101	-.686
300	179	-.210	.033	.025	.320	300	245	-.293	.032	-.180	-.434	300	309	-.302	.062	-.136	-.651
300	180	-.214	.031	.010	.360	300	246	-.303	.039	-.159	-.466	300	310	-.310	.069	-.110	-.707



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	311	-.314	.059	-.088	-.607	300	361	-.272	.036	-.145	-.401	300	425	-.444	.182	.079	-1.660
300	312	-.281	.040	-.150	-.453	300	362	-.275	.041	-.109	-.399	300	426	-.262	.098	.117	-.759
300	313	-.280	.038	-.150	-.453	300	363	-.284	.038	-.093	-.413	300	427	-.252	.099	.125	-.955
300	314	-.300	.045	-.155	-.493	300	364	-.288	.038	-.095	-.423	300	428	-.209	.050	.011	-.416
300	315	-.307	.051	-.127	-.544	300	365	-.280	.041	-.105	-.543	300	429	-.236	.037	-.047	-.429
300	316	-.313	.058	-.068	-.725	300	366	-.266	.042	-.116	-.420	300	430	-.253	.032	-.134	-.371
300	317	-.303	.049	-.129	-.606	300	367	-.328	.072	-.145	-.755	300	431	-.162	.153	.777	-.218
300	318	-.301	.043	-.148	-.520	300	368	-.323	.071	-.138	-.743	300	432	-.215	.188	.504	-1.040
300	319	-.302	.046	-.157	-.551	300	369	-.273	.040	-.095	-.463	300	433	-.140	.167	.417	-1.006
300	320	-.291	.039	-.136	-.497	300	370	-.259	.032	-.145	-.376	300	434	-.093	.104	.335	-.491
300	321	-.295	.042	-.185	-.546	300	371	-.261	.031	-.126	-.390	300	435	-.003	.127	.603	-.339
300	322	-.299	.044	-.159	-.583	300	372	-.263	.033	-.112	-.366	300	436	-.103	.147	.610	-.397
300	323	-.312	.042	-.187	-.534	300	373	-.274	.033	-.140	-.366	300	437	-.041	.129	.651	-.320
300	324	-.281	.034	-.166	-.476	300	374	-.277	.037	-.147	-.404	300	438	-.413	.192	.187	-1.351
300	325	-.280	.036	-.138	-.432	300	375	-.282	.040	-.067	-.437	300	439	-.205	.095	.209	-.704
300	326	-.285	.035	-.182	-.456	300	376	-.273	.036	-.138	-.411	300	440	-.258	.099	.057	-.747
300	327	-.297	.039	-.178	-.555	300	377	-.269	.035	-.152	-.416	300	441	-.194	.052	.050	-.396
300	328	-.299	.039	-.180	-.463	300	378	-.334	.090	-.081	-.860	300	442	-.203	.041	.016	-.371
300	329	-.303	.043	-.173	-.541	300	379	-.317	.073	-.114	-.779	300	443	-.231	.036	-.029	-.378
300	330	-.311	.041	-.173	-.525	300	380	-.270	.036	-.138	-.491	300	444	-.250	.035	-.079	-.423
300	331	-.294	.035	-.185	-.453	300	381	-.251	.029	-.142	-.353	300	445	-.027	.119	.635	-.296
300	332	-.304	.038	-.201	-.469	300	382	-.257	.027	-.147	-.337	300	446	-.125	.099	.204	-.634
300	333	-.297	.036	-.159	-.443	300	383	-.286	.025	-.200	-.405	300	447	-.076	.079	.311	-.425
300	334	-.304	.035	-.194	-.455	300	384	-.288	.027	-.179	-.386	300	448	-.019	.093	.376	-.269
300	335	-.335	.050	-.201	-.630	300	385	-.302	.031	-.191	-.433	300	449	-.373	.111	.041	-1.032
300	336	-.277	.038	-.157	-.520	300	386	-.278	.029	-.169	-.404	300	450	-.336	.121	.020	-.924
300	337	-.281	.037	-.178	-.511	300	401	-.479	.106	-.272	-.868	300	451	-.193	.057	.019	-.518
300	338	-.289	.038	-.175	-.499	300	402	-.178	.117	-.361	-.634	300	452	-.182	.040	.028	-.387
300	339	-.296	.037	-.185	-.478	300	403	-.296	.073	-.086	-.629	300	453	-.188	.042	.003	-.360
300	340	-.300	.036	-.175	-.460	300	404	-.366	.190	-.376	-.146	300	454	-.218	.043	-.002	-.373
300	341	-.297	.034	-.156	-.470	300	405	-.221	.161	-.248	-.752	300	455	-.236	.044	.392	-.455
300	342	-.299	.038	-.180	-.500	300	406	-.179	.062	-.122	-.455	300	456	-.068	.090	.478	-.310
300	343	-.294	.036	-.185	-.491	300	407	-.174	.073	-.163	-.516	300	457	-.143	.073	.279	-.543
300	344	-.308	.039	-.182	-.519	300	408	-.341	.078	-.117	-.738	300	458	-.116	.064	.168	-.425
300	345	-.302	.068	-.116	-.934	300	409	-.229	.082	-.129	-.496	300	459	-.076	.068	-.288	-.276
300	346	-.300	.062	-.140	-.760	300	410	-.235	.071	-.052	-.535	300	460	-.312	.098	-.027	-.785
300	347	-.310	.056	-.147	-.623	300	411	-.234	.066	-.050	-.474	300	461	-.269	.094	-.033	-.713
300	348	-.289	.044	-.138	-.550	300	412	-.183	.163	-.823	-.327	300	462	-.186	.048	-.015	-.480
300	349	-.289	.038	-.126	-.472	300	413	-.499	.160	-.033	-.262	300	463	-.176	.038	.022	-.353
300	350	-.285	.033	-.135	-.401	300	414	-.358	.140	-.050	-.943	300	464	-.178	.040	.030	-.369
300	351	-.291	.037	-.159	-.474	300	415	-.212	.057	-.047	-.438	300	465	-.203	.044	.225	-.430
300	352	-.288	.034	-.142	-.423	300	416	-.231	.049	-.052	-.474	300	466	-.228	.046	.123	-.407
300	353	-.294	.033	-.175	-.408	300	417	-.245	.043	-.028	-.443	300	467	-.144	.060	.218	-.310
300	354	-.295	.033	-.149	-.427	300	418	-.154	.150	-.786	-.310	300	468	-.147	.054	.096	-.376
300	355	-.298	.036	-.147	-.482	300	419	-.276	.195	-.489	-.120	300	469	-.139	.047	.080	-.296
300	356	-.335	.073	-.156	-.887	300	420	-.212	.201	-.521	-.028	300	470	-.131	.044	.084	-.253
300	357	-.326	.066	-.074	-.729	300	421	-.092	.095	-.405	-.506	300	471	-.212	.065	-.011	-.650
300	358	-.313	.051	-.159	-.599	300	422	-.154	.096	-.550	-.588	300	472	-.193	.051	-.043	-.552
300	359	-.283	.036	-.163	-.456	300	423	-.067	.115	-.484	-.368	300	473	-.170	.035	.013	-.330
300	360	-.278	.034	-.135	-.418	300	424	-.188	.165	-.721	-.279	300	474	-.169	.035	-.036	-.312

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	475	-.182	.033	-.061	-.303	310	107	-.029	.112	.424	-.428	310	157	-.254	.043	-.100	-.440
300	476	-.202	.034	-.077	-.376	310	108	-.007	.123	.521	-.342	310	158	-.213	.042	-.056	-.459
300	477	-.243	.038	-.120	-.425	310	109	-.129	.140	.561	-.347	310	159	-.206	.048	-.035	-.649
300	478	-.125	.049	-.251	-.246	310	110	-.121	.151	.630	-.433	310	160	-.199	.046	-.007	-.424
300	479	-.152	.040	-.100	-.261	310	111	-.213	.144	.406	-.674	310	161	-.194	.071	-.054	-.551
300	480	-.181	.032	-.056	-.288	310	112	-.060	.113	.345	-.479	310	162	-.249	.106	-.158	-.804
300	481	-.180	.033	-.132	-.285	310	113	-.005	.124	.438	-.389	310	163	-.046	.092	-.397	-.309
300	482	-.180	.033	-.006	-.288	310	114	.070	.142	.625	-.433	310	164	-.057	.087	-.476	-.342
300	483	-.189	.033	-.052	-.286	310	115	.099	.153	.751	-.567	310	165	-.059	.093	-.434	-.386
300	801	-.195	.036	-.036	-.332	310	116	.034	.209	.702	-.782	310	166	-.051	.085	-.394	-.276
300	802	-.206	.031	-.006	-.348	310	117	.102	.176	.713	-.428	310	167	-.297	.053	-.119	-.534
300	803	-.141	.040	-.110	-.267	310	118	.230	.158	.836	-.240	310	168	-.249	.048	-.035	-.534
300	804	-.184	.032	-.057	-.304	310	119	.187	.152	.818	-.222	310	169	-.208	.046	-.031	-.572
300	805	-.185	.034	-.048	-.274	310	120	.213	.157	.957	-.173	310	170	-.200	.038	-.030	-.365
300	806	-.308	.034	-.207	-.308	310	121	.221	.161	.866	-.210	310	171	-.192	.035	-.056	-.318
300	901	-.163	.160	-.844	-.300	310	122	-.198	.166	.836	-.259	310	172	-.202	.048	-.004	-.410
300	902	-.130	.160	-.878	-.380	310	123	-.032	.148	.737	-.386	310	173	-.223	.062	-.012	-.501
300	903	-.289	.127	-.183	-.749	310	124	-.146	.086	.206	-.447	310	174	-.127	.055	-.136	-.274
300	904	-.282	.060	-.094	-.537	310	125	.072	.102	.406	-.342	310	175	-.136	.060	-.240	-.356
300	905	-.360	.064	-.180	-.683	310	126	.038	.126	.507	-.382	310	176	-.137	.062	-.167	-.389
300	906	-.486	.086	-.101	-.820	310	127	.054	.160	.637	-.493	310	177	-.120	.053	-.207	-.307
300	907	-.500	.090	-.145	-.873	310	128	.141	.163	.725	-.421	310	178	-.197	.040	-.006	-.356
300	908	-.440	.085	-.134	-.050	310	129	.144	.187	.757	-.567	310	179	-.196	.042	-.086	-.337
300	909	-.499	.086	-.215	-.866	310	130	.148	.163	.843	-.444	310	180	-.206	.038	-.029	-.330
300	910	-.441	.094	-.161	-.986	310	131	.254	.158	.901	-.169	310	181	-.188	.035	-.002	-.290
300	911	-.132	.113	-.468	-.485	310	132	.228	.170	.857	-.192	310	182	-.170	.039	-.017	-.281
300	912	-.330	.079	-.028	-.750	310	133	.195	.159	.848	-.176	310	183	-.106	.038	-.055	-.191
300	913	-.191	.107	-.331	-.573	310	134	.160	.154	.748	-.259	310	184	-.105	.054	-.171	-.281
300	914	-.333	.105	-.119	-.727	310	135	.020	.144	.582	-.421	310	201	-.371	.102	-.107	-1.150
300	915	-.336	.070	-.016	-.748	310	136	-.218	.066	.216	-.479	310	202	-.397	.073	-.136	-.748
300	916	-.367	.080	-.115	-.734	310	137	-.166	.076	.253	-.370	310	203	-.479	.089	-.191	-.914
300	917	-.314	.051	-.133	-.582	310	138	-.084	.080	.287	-.433	310	204	-.350	.093	-.114	-.848
300	918	-.439	.111	-.169	-1.160	310	139	-.042	.095	.359	-.282	310	205	-.347	.072	-.121	-.783
300	919	-.327	.045	-.175	-.542	310	140	-.117	.129	.378	-.629	310	206	-.336	.058	-.155	-.581
300	920	-.236	.076	-.149	-.524	310	141	-.002	.221	.669	-1.078	310	207	-.351	.078	-.104	-.899
300	921	-.250	.080	-.156	-.577	310	142	.072	.196	.676	-.867	310	208	-.369	.087	-.138	-1.017
300	922	-.199	.092	-.203	-.510	310	143	.181	.172	.943	-.461	310	209	-.368	.070	-.111	-.744
300	923	-.374	.110	-.035	-.817	310	144	.132	.182	.995	-.529	310	210	-.414	.081	-.208	-.821
300	924	-.255	.071	-.055	-.530	310	145	-.293	.047	1.136	-.504	310	211	-.421	.078	-.230	-.761
300	925	-.281	.050	-.009	-.495	310	146	-.268	.044	1.126	-.492	310	212	-.306	.039	-.138	-.458
300	926	-.339	.068	-.003	-.690	310	147	-.231	.044	1.046	-.405	310	213	-.368	.082	-.174	-.848
300	927	-.319	.063	-.099	-.676	310	148	-.188	.047	1.016	-.358	310	214	-.351	.064	-.172	-.690
300	928	-.301	.047	-.115	-.559	310	149	-.160	.055	1.136	-.372	310	215	-.341	.056	-.172	-.649
300	929	-.301	.038	-.182	-.467	310	150	-.144	.093	1.150	-.630	310	216	-.333	.051	-.143	-.632
310	101	-.524	.139	-.111	-1.044	310	151	-.220	.124	1.275	-.705	310	217	-.332	.051	-.177	-.608
310	102	-.502	.101	-.025	-.887	310	152	-.065	.123	.633	-.246	310	218	-.310	.037	-.194	-.494
310	103	-.105	.124	-.424	-.497	310	153	.047	.123	.570	-.358	310	219	-.351	.065	-.170	-.753
310	104	-.050	.137	-.593	-.592	310	154	.049	.126	.697	-.370	310	220	-.345	.057	-.179	-.666
310	105	-.069	.137	-.697	-.539	310	155	.019	.111	.547	-.344	310	221	-.344	.049	-.189	-.581
310	106	-.140	.142	-.628	-.497	310	156	-.281	.047	1.143	-.522	310	222	-.347	.059	-.155	-.785

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	223	.337	.049	.187	.623	310	273	.280	.048	.000	.432	310	337	.279	.032	.172	.429
310	224	.311	.035	.201	.463	310	274	.334	.061	.107	.629	310	338	.283	.031	.172	.459
310	225	.356	.061	.194	.763	310	275	.418	.106	.211	1.051	310	339	.297	.031	.207	.433
310	226	.353	.053	.208	.727	310	276	.411	.109	.214	1.133	310	340	.301	.030	.195	.454
310	227	.347	.051	.165	.589	310	277	.391	.102	.214	1.230	310	341	.306	.035	.194	.449
310	228	.341	.059	.136	.695	310	278	.248	.037	.120	.380	310	342	.306	.033	.180	.454
310	229	.341	.061	.155	.913	310	279	.248	.033	.141	.432	310	343	.305	.033	.206	.431
310	230	.335	.056	.143	.690	310	280	.231	.055	.165	.408	310	344	.340	.048	.206	.573
310	231	.312	.034	.206	.470	310	281	.226	.058	.091	.408	310	345	.288	.042	.150	.538
310	232	.343	.046	.211	.545	310	282	.233	.057	.043	.406	310	346	.286	.044	.143	.564
310	233	.339	.042	.206	.521	310	283	.300	.077	.046	.693	310	347	.293	.044	.173	.503
310	234	.333	.055	.220	.611	310	284	.379	.100	.163	1.001	310	348	.281	.035	.150	.482
310	235	.333	.051	.204	.627	310	285	.392	.100	.153	1.211	310	349	.286	.033	.152	.426
310	236	.316	.032	.216	.460	310	286	.425	.114	.181	1.180	310	350	.294	.033	.162	.407
310	237	.339	.041	.216	.526	310	301	.446	.119	.168	1.021	310	351	.294	.032	.159	.407
310	238	.383	.057	.204	.606	310	302	.360	.077	.161	.732	310	352	.298	.034	.106	.447
310	239	.374	.055	.216	.635	310	303	.336	.074	.179	.734	310	353	.304	.035	.132	.470
310	240	.359	.047	.189	.572	310	304	.340	.067	.172	.771	310	354	.311	.035	.173	.461
310	241	.362	.060	.184	.870	310	305	.319	.048	.142	.544	310	355	.311	.040	.173	.571
310	242	.347	.063	.125	.681	310	306	.307	.055	.135	.574	310	356	.316	.046	.178	.571
310	243	.345	.068	.136	.861	310	307	.319	.056	.112	.796	310	357	.319	.048	.173	.674
310	244	.342	.065	.157	.933	310	308	.308	.056	.096	.635	310	358	.311	.042	.185	.510
310	245	.303	.033	.141	.429	310	309	.313	.057	.156	.614	310	359	.285	.037	.155	.456
310	246	.305	.037	.146	.441	310	310	.320	.069	.137	.699	310	360	.277	.039	.120	.400
310	247	.307	.037	.173	.463	310	311	.308	.051	.122	.558	310	361	.270	.046	.099	.388
310	248	.305	.033	.198	.441	310	312	.280	.035	.146	.505	310	362	.278	.045	.103	.428
310	249	.333	.061	.205	.690	310	313	.282	.036	.156	.422	310	363	.282	.049	.078	.428
310	250	.337	.057	.207	.640	310	314	.298	.039	.167	.468	310	364	.287	.043	.101	.447
310	251	.368	.051	.227	.649	310	315	.306	.044	.167	.558	310	365	.286	.044	.115	.491
310	252	.378	.061	.230	.652	310	316	.310	.046	.165	.554	310	366	.286	.043	.110	.417
310	253	.362	.062	.136	.609	310	317	.331	.058	.158	.632	310	367	.266	.053	.178	.685
310	254	.347	.063	.182	.609	310	318	.306	.037	.190	.486	310	368	.322	.065	.150	.765
310	255	.350	.069	.189	.353	310	319	.304	.037	.202	.470	310	369	.282	.039	.138	.454
310	256	.289	.045	.062	.459	310	320	.301	.036	.195	.459	310	370	.257	.032	.136	.367
310	257	.290	.052	.018	.434	310	321	.309	.041	.163	.484	310	371	.260	.035	.115	.388
310	258	.264	.051	.082	.441	310	322	.317	.045	.188	.561	310	372	.266	.036	.129	.388
310	259	.268	.046	.082	.422	310	323	.337	.049	.190	.653	310	373	.271	.039	.136	.407
310	260	.308	.053	.125	.677	310	324	.282	.032	.153	.399	310	374	.283	.037	.157	.440
310	261	.298	.044	.021	.477	310	325	.284	.032	.179	.412	310	375	.281	.042	.141	.473
310	262	.329	.044	.066	.516	310	326	.288	.032	.195	.503	310	376	.280	.041	.115	.447
310	263	.380	.059	.248	.677	310	327	.297	.031	.190	.429	310	377	.282	.037	.141	.489
310	264	.388	.072	.220	.783	310	328	.302	.033	.172	.438	310	378	.322	.068	.125	.836
310	265	.331	.066	.189	.856	310	329	.304	.036	.200	.470	310	379	.326	.071	.071	.695
310	266	.346	.069	.202	.756	310	330	.331	.047	.211	.537	310	380	.342	.042	.103	.454
310	267	.287	.036	.146	.398	310	331	.308	.034	.204	.475	310	381	.333	.032	.132	.339
310	268	.280	.037	.112	.436	310	332	.307	.032	.216	.449	310	382	.334	.031	.136	.336
310	269	.288	.036	.143	.391	310	333	.307	.031	.202	.449	310	383	.232	.036	.098	.337
310	270	.279	.030	.166	.388	310	334	.321	.036	.204	.475	310	384	.243	.032	.133	.389
310	271	.278	.049	.131	.459	310	335	.366	.054	.197	.780	310	385	.251	.032	.151	.356
310	272	.266	.052	.236	.457	310	336	.278	.032	.179	.410	310	386	.254	.030	.151	.394

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	401	-.517	.092	-.210	-.877	310	451	-.177	.053	.020	-.502	310	912	-.352	.087	-.061	-.872
310	402	-.210	.112	-.195	-.598	310	452	-.169	.041	.016	-.309	310	913	-.212	.087	.327	-.519
310	403	-.301	.071	-.057	-.617	310	453	-.190	.042	-.009	-.327	310	914	-.359	.098	.022	-.771
310	404	-.434	.169	.231	-1.044	310	454	-.212	.040	-.020	-.355	310	915	-.369	.075	.147	-.701
310	405	-.296	.172	.117	-.831	310	455	-.239	.039	.036	-.439	310	916	-.388	.078	-.046	-.738
310	406	-.183	.061	.008	-.513	310	456	-.068	.064	.532	-.282	310	917	-.341	.057	.180	-.614
310	407	-.186	.057	.050	-.479	310	457	-.125	.073	.170	-.473	310	918	-.495	.104	-.096	-1.001
310	408	-.380	.072	-.106	-.695	310	458	-.102	.062	.173	-.364	310	919	-.369	.053	.208	-.630
310	409	-.251	.072	.134	-.520	310	459	-.072	.068	.257	-.230	310	920	-.255	.070	.000	-.492
310	410	-.246	.063	-.021	-.482	310	460	-.299	.100	-.014	-.875	310	921	-.262	.077	.122	-.640
310	411	-.245	.059	.047	-.489	310	461	-.247	.089	-.023	-.714	310	922	-.212	.083	.153	-.457
310	412	-.249	.162	.816	-.268	310	462	-.172	.042	-.000	-.441	310	923	-.371	.100	-.115	-.850
310	413	-.521	.167	.018	-1.119	310	463	-.167	.037	-.007	-.320	310	924	-.268	.071	.098	-.583
310	414	-.355	.140	.064	-.921	310	464	-.176	.036	.020	-.330	310	925	-.298	.044	-.151	-.500
310	415	-.207	.051	.006	-.387	310	465	-.202	.037	.075	-.345	310	926	-.340	.073	.155	-.793
310	416	-.230	.040	.001	-.406	310	466	-.232	.037	-.011	-.384	310	927	-.309	.071	-.134	-.525
310	417	-.241	.038	.050	-.387	310	467	-.157	.055	.111	-.430	310	928	-.295	.039	.152	-.504
310	418	-.210	.155	.797	-.237	310	468	-.141	.050	.111	-.377	310	929	-.302	.032	-.191	-.428
310	419	-.301	.195	.362	-.955	310	469	-.140	.043	.100	-.282	320	101	-.446	.158	.374	-.952
310	420	-.250	.219	.333	-1.081	310	470	-.118	.047	.152	-.259	320	102	-.449	.124	.210	-.969
310	421	-.084	.085	.275	-.540	310	471	-.188	.053	.086	-.482	320	103	-.098	.139	.597	-.484
310	422	-.151	.084	.202	-.535	310	472	-.175	.048	.018	-.457	320	104	-.048	.145	.547	-.468
310	423	-.047	.113	.347	-.343	310	473	-.156	.038	.005	-.302	320	105	-.036	.145	.590	-.443
310	424	-.247	.167	.792	-.285	310	474	-.160	.034	-.034	-.277	320	106	-.140	.144	.499	-.493
310	425	-.432	.168	.120	-1.219	310	475	-.174	.032	-.045	-.305	320	107	-.013	.127	.586	-.436
310	426	-.263	.100	.108	-.751	310	476	-.200	.031	-.095	-.323	320	108	-.054	.137	.579	-.327
310	427	-.228	.087	.168	-.717	310	477	-.242	.034	-.105	-.423	320	109	-.119	.147	.684	-.409
310	428	-.199	.049	.040	-.414	310	478	-.084	.063	.226	-.230	320	110	-.146	.152	.666	-.409
310	429	-.225	.040	.028	-.370	310	479	-.102	.059	.236	-.267	320	111	-.183	.165	.543	-.673
310	430	-.249	.033	.098	-.375	310	480	-.147	.038	.020	-.262	320	112	-.058	.124	.524	-.390
310	431	-.217	.148	.733	-.169	310	481	-.147	.036	.030	-.257	320	113	-.008	.138	.704	-.395
310	432	-.229	.205	.522	-1.510	310	482	-.154	.034	.102	-.252	320	114	-.035	.148	.625	-.432
310	433	-.152	.208	.384	-1.151	310	483	-.162	.034	-.020	-.293	320	115	-.094	.163	.848	-.507
310	434	-.072	.098	.408	-.516	310	801	-.176	.039	.038	-.307	320	116	-.010	.229	.780	-.817
310	435	-.019	.125	.484	-.368	310	802	-.196	.038	.036	-.354	320	117	-.106	.166	.641	-.402
310	436	-.147	.167	.794	-.596	310	803	-.114	.046	.052	-.233	320	118	-.238	.176	.999	-.201
310	437	-.074	.138	.680	-.465	310	804	-.153	.039	.013	-.351	320	119	-.205	.177	.805	-.306
310	438	-.442	.212	.113	-1.481	310	805	-.154	.034	.031	-.261	320	120	-.247	.171	.914	-.185
310	439	-.185	.091	.180	-.632	310	806	-.260	.034	-.133	-.421	320	121	-.249	.174	.848	-.288
310	440	-.233	.092	.076	-.933	310	901	-.188	.184	.947	-.286	320	122	-.232	.168	.784	-.324
310	441	-.175	.052	.136	-.373	310	902	-.167	.186	.839	-.332	320	123	-.041	.139	.650	-.420
310	442	-.190	.044	.002	-.368	310	903	-.237	.161	.372	-.787	320	124	-.142	.091	.335	-.436
310	443	-.222	.039	.005	-.368	310	904	-.294	.073	.009	-.624	320	125	-.071	.113	.492	-.400
310	444	-.243	.034	.082	-.411	310	905	-.391	.070	-.146	-.699	320	126	-.006	.119	.554	-.363
310	445	-.040	.123	.589	-.284	310	906	-.508	.077	-.275	-.796	320	127	-.029	.158	.723	-.630
310	446	-.095	.109	.398	-.639	310	907	-.525	.085	-.213	-.886	320	128	-.109	.174	.668	-.671
310	447	-.047	.092	.316	-.523	310	908	-.459	.078	-.229	-.861	320	129	-.113	.197	.736	-.710
310	448	-.004	.092	.377	-.264	310	909	-.514	.081	-.181	-.852	320	130	-.117	.166	.666	-.685
310	449	-.370	.124	-.025	-.989	310	910	-.478	.096	-.166	-1.053	320	131	-.229	.164	.933	-.872
310	450	-.306	.123	.114	-.877	310	911	-.136	.107	.298	-.577	320	132	-.190	.159	.889	-.251

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	133	.189	.163	.709	-.331	320	183	-.090	.043	.143	-.184	320	249	-.350	.056	-.153	-.637
320	134	.143	.157	.704	-.324	320	184	-.087	.056	.266	-.262	320	250	-.340	.044	-.148	-.556
320	135	.028	.147	.520	-.489	320	201	-.308	.103	.163	-.887	320	251	-.356	.045	-.039	-.606
320	136	-.202	.069	.164	-.521	320	202	-.367	.090	-.076	-.885	320	252	-.372	.056	-.052	-.637
320	137	-.164	.074	.266	-.466	320	203	-.449	.094	-.138	-.914	320	253	-.362	.061	-.186	-.848
320	138	-.109	.074	.358	-.347	320	204	-.329	.086	-.092	-.831	320	254	-.345	.060	-.164	-.749
320	139	-.039	.090	.378	-.333	320	205	-.326	.074	-.115	-.767	320	255	-.349	.065	-.171	-.792
320	140	-.131	.123	.344	-.708	320	206	-.329	.063	-.130	-.623	320	256	-.271	.040	-.065	-.417
320	141	-.049	.232	.840	-1.245	320	207	-.348	.086	-.044	-.814	320	257	-.259	.044	-.094	-.415
320	142	.021	.217	.620	-.924	320	208	-.360	.089	-.040	-.939	320	258	-.260	.042	-.083	-.406
320	143	.128	.170	.754	-.469	320	209	-.367	.079	-.096	-.836	320	259	-.259	.038	-.108	-.406
320	144	.124	.181	.701	-.728	320	210	-.433	.092	-.151	-.877	320	260	-.285	.044	-.117	-.502
320	145	-.257	.046	-.070	-.359	320	211	-.436	.087	-.230	-.901	320	261	-.281	.040	-.077	-.424
320	146	.240	.043	.049	-.423	320	212	-.307	.036	-.185	-.498	320	262	-.314	.040	-.124	-.471
320	147	-.199	.044	.019	-.412	320	213	-.368	.091	-.096	-.779	320	263	-.367	.047	-.229	-.610
320	148	-.167	.048	.045	-.362	320	214	-.356	.077	-.123	-.769	320	264	-.385	.068	-.179	-.792
320	149	-.143	.055	.159	-.355	320	215	-.354	.076	-.123	-.774	320	265	-.360	.056	-.233	-.691
320	150	-.140	.098	.152	-.689	320	216	-.344	.064	-.159	-.755	320	266	-.346	.055	-.200	-.702
320	151	-.217	.129	.191	-.785	320	217	-.337	.065	-.154	-.862	320	267	-.269	.033	-.162	-.411
320	152	.063	.130	.761	-.220	320	218	-.306	.035	-.187	-.448	320	268	-.272	.034	-.121	-.422
320	153	.049	.127	.664	-.294	320	219	-.339	.063	-.142	-.800	320	269	-.279	.034	-.142	-.395
320	154	.041	.131	.671	-.358	320	220	-.333	.059	-.113	-.630	320	270	-.271	.028	-.166	-.381
320	155	.045	.121	.567	-.294	320	221	-.336	.053	-.111	-.652	320	271	-.261	.038	-.056	-.377
320	156	-.255	.044	.130	-.460	320	222	-.354	.067	-.137	-.700	320	272	-.261	.044	-.047	-.402
320	157	.231	.043	.010	-.444	320	223	-.342	.058	-.108	-.623	320	273	-.269	.041	-.052	-.424
320	158	-.192	.041	.033	-.398	320	224	-.309	.034	-.214	-.448	320	274	-.310	.054	-.108	-.697
320	159	-.176	.048	.011	-.400	320	225	-.361	.068	-.135	-.697	320	275	-.407	.085	-.211	-1.025
320	160	-.168	.044	.059	-.372	320	226	-.345	.059	-.135	-.683	320	276	-.422	.089	-.238	-1.184
320	161	-.175	.077	.082	-.612	320	227	-.355	.064	-.168	-.659	320	277	-.404	.083	-.236	-.987
320	162	-.227	.108	.094	-.855	320	228	-.354	.076	-.044	-.824	320	278	-.206	.029	-.111	-.326
320	163	-.032	.087	.479	-.275	320	229	-.353	.075	-.147	-.850	320	279	-.208	.029	-.108	-.348
320	164	-.058	.084	.325	-.469	320	230	-.357	.078	-.120	-.860	320	280	-.203	.051	-.110	-.398
320	165	-.059	.089	.369	-.365	320	231	-.311	.031	-.226	-.436	320	281	-.194	.057	-.215	-.408
320	166	-.039	.086	-.426	-.264	320	232	-.338	.046	-.204	-.585	320	282	-.198	.052	-.009	-.379
320	167	-.251	.045	.061	-.306	320	233	-.337	.042	-.190	-.542	320	283	-.258	.068	-.103	-.801
320	168	-.213	.043	.005	-.474	320	234	-.363	.057	-.154	-.580	320	284	-.323	.087	-.000	-.952
320	169	-.175	.041	.034	-.483	320	235	-.356	.051	-.039	-.589	320	285	-.402	.086	-.204	-1.006
320	170	-.168	.039	.036	-.469	320	236	-.310	.029	-.216	-.436	320	286	-.360	.102	-.094	-1.144
320	171	-.169	.033	.040	-.324	320	237	-.331	.041	-.171	-.613	320	301	-.388	.114	-.087	-.838
320	172	-.191	.048	.002	-.432	320	238	-.359	.056	-.187	-.604	320	302	-.318	.084	-.051	-.742
320	173	-.212	.055	.013	-.539	320	239	-.365	.053	-.147	-.568	320	303	-.346	.065	-.152	-.696
320	174	-.133	.047	.228	-.310	320	240	-.358	.051	-.154	-.656	320	304	-.344	.064	-.175	-.669
320	175	-.136	.048	.196	-.282	320	241	-.351	.060	-.047	-.610	320	305	-.313	.047	-.161	-.570
320	176	-.147	.051	.189	-.425	320	242	-.355	.063	-.121	-.973	320	306	-.316	.048	-.163	-.561
320	177	-.087	.056	.221	-.285	320	243	-.347	.079	-.121	-1.141	320	307	-.304	.047	-.173	-.623
320	178	-.156	.049	.138	-.338	320	244	-.355	.069	-.142	-1.114	320	308	-.301	.051	-.150	-.614
320	179	-.160	.046	.060	-.293	320	245	-.295	.028	-.207	-.386	320	309	-.311	.060	-.111	-.650
320	180	-.165	.042	.166	-.314	320	246	-.293	.031	-.153	-.413	320	310	-.313	.067	-.138	-.788
320	181	-.132	.039	.036	-.279	320	247	-.297	.032	-.177	-.402	320	311	-.268	.046	-.133	-.566
320	182	-.149	.039	.081	-.274	320	248	-.297	.030	-.204	-.435	320	312	-.281	.034	-.143	-.413

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	313	- .283	.035	- .179	- .456	320	363	- .275	.036	- .118	- .377	320	427	- .219	.056	- .009	- .570
320	314	- .301	.038	- .166	- .442	320	364	- .277	.041	- .148	- .407	320	428	- .186	.037	- .002	- .412
320	315	- .302	.040	- .170	- .484	320	365	- .271	.038	- .132	- .412	320	429	- .208	.029	- .077	- .335
320	316	- .303	.040	- .177	- .500	320	366	- .261	.034	- .107	- .377	320	430	- .222	.026	- .113	- .328
320	317	- .328	.066	- .106	- .655	320	367	- .316	.046	- .183	- .560	320	431	- .189	.152	- .796	- .259
320	318	- .303	.035	- .175	- .442	320	368	- .318	.051	- .160	- .606	320	432	- .222	.193	- .377	- .184
320	319	- .301	.034	- .173	- .415	320	369	- .295	.040	- .091	- .468	320	433	- .159	.212	- .334	- .361
320	320	- .301	.036	- .193	- .470	320	370	- .259	.032	- .158	- .382	320	434	- .079	.093	- .277	- .527
320	321	- .306	.039	- .177	- .502	320	371	- .256	.031	- .148	- .354	320	435	.021	.124	- .514	- .472
320	322	- .316	.045	- .143	- .532	320	372	- .265	.036	- .125	- .373	320	436	.124	.176	- .717	- .598
320	323	- .343	.058	- .138	- .621	320	373	- .267	.033	- .146	- .382	320	437	- .074	.134	- .631	- .338
320	324	- .281	.031	- .182	- .392	320	374	- .269	.034	- .158	- .394	320	438	- .403	.184	- .023	- .292
320	325	- .282	.029	- .184	- .408	320	375	- .268	.034	- .165	- .394	320	439	- .174	.080	- .157	- .341
320	326	- .285	.030	- .186	- .436	320	376	- .267	.036	- .130	- .410	320	440	- .218	.081	- .009	- .720
320	327	- .299	.030	- .200	- .438	320	377	- .275	.032	- .176	- .394	320	441	- .163	.044	- .112	- .335
320	328	- .300	.031	- .200	- .449	320	378	- .280	.056	- .129	- .639	320	442	- .174	.037	- .090	- .333
320	329	- .299	.031	- .193	- .431	320	379	- .325	.057	- .142	- .657	320	443	- .199	.028	- .009	- .317
320	330	- .333	.034	- .136	- .701	320	380	- .215	.042	- .039	- .384	320	444	- .212	.025	- .083	- .306
320	331	- .308	.031	- .221	- .426	320	381	- .203	.030	- .098	- .331	320	445	- .024	.108	- .510	- .250
320	332	- .311	.030	- .218	- .424	320	382	- .206	.029	- .107	- .293	320	446	- .062	.106	- .452	- .347
320	333	- .312	.032	- .218	- .461	320	383	- .190	.030	- .089	- .297	320	447	- .029	.089	- .371	- .353
320	334	- .316	.034	- .205	- .472	320	384	- .198	.029	- .087	- .318	320	448	- .026	.101	- .499	- .243
320	335	- .358	.053	- .054	- .648	320	385	- .210	.027	- .117	- .326	320	449	- .355	.130	- .029	- .026
320	336	- .276	.030	- .166	- .378	320	386	- .214	.025	- .120	- .323	320	450	- .278	.120	- .103	- .766
320	337	- .277	.028	- .191	- .390	320	401	- .484	.092	- .144	- .883	320	451	- .152	.050	- .038	- .411
320	338	- .280	.027	- .205	- .449	320	402	- .211	.104	- .160	- .620	320	452	- .147	.041	- .027	- .302
320	339	- .296	.028	- .205	- .404	320	403	- .252	.068	- .035	- .570	320	453	- .162	.036	- .011	- .315
320	340	- .302	.027	- .223	- .392	320	404	- .454	.126	- .045	- .103	320	454	- .192	.031	- .040	- .304
320	341	- .300	.029	- .192	- .424	320	405	- .332	.155	- .076	- .795	320	455	- .213	.030	- .080	- .328
320	342	- .305	.031	- .192	- .426	320	406	- .194	.060	- .044	- .565	320	456	- .062	.081	- .360	- .328
320	343	- .301	.031	- .188	- .461	320	407	- .178	.052	- .022	- .493	320	457	- .092	.085	- .284	- .471
320	344	- .333	.045	- .128	- .521	320	408	- .351	.067	- .079	- .696	320	458	- .078	.072	- .306	- .393
320	345	- .279	.036	- .162	- .472	320	409	- .234	.057	- .020	- .472	320	459	- .040	.074	- .385	- .205
320	346	- .282	.035	- .151	- .530	320	410	- .225	.058	- .017	- .476	320	460	- .269	.094	- .058	- .755
320	347	- .295	.040	- .185	- .502	320	411	- .220	.053	- .075	- .460	320	461	- .202	.083	- .081	- .742
320	348	- .282	.030	- .183	- .407	320	412	- .258	.180	- .825	- .345	320	462	- .148	.042	- .018	- .375
320	349	- .294	.028	- .197	- .401	320	413	- .525	.155	- .060	- .122	320	463	- .147	.035	- .016	- .311
320	350	- .298	.029	- .192	- .407	320	414	- .338	.118	- .056	- .840	320	464	- .159	.033	- .016	- .295
320	351	- .299	.028	- .199	- .442	320	415	- .198	.036	- .048	- .359	320	465	- .185	.032	- .049	- .297
320	352	- .293	.029	- .188	- .403	320	416	- .206	.031	- .070	- .335	320	466	- .208	.031	- .076	- .378
320	353	- .300	.030	- .199	- .442	320	417	- .217	.028	- .120	- .354	320	467	- .152	.046	- .078	- .299
320	354	- .301	.031	- .192	- .438	320	418	- .214	.170	- .932	- .209	320	468	- .125	.048	- .107	- .299
320	355	- .305	.033	- .174	- .442	320	419	- .351	.184	- .294	- .160	320	469	- .116	.050	- .132	- .246
320	356	- .313	.040	- .190	- .523	320	420	- .276	.220	- .330	- .247	320	470	- .086	.051	- .159	- .214
320	357	- .317	.041	- .174	- .539	320	421	- .080	.097	- .229	- .718	320	471	- .145	.053	- .116	- .404
320	358	- .311	.038	- .209	- .472	320	422	- .140	.074	- .162	- .467	320	472	- .136	.049	- .054	- .395
320	359	- .283	.037	- .153	- .431	320	423	- .054	.108	- .466	- .378	320	473	- .129	.043	- .040	- .353
320	360	- .273	.036	- .148	- .424	320	424	- .243	.179	- .882	- .462	320	474	- .138	.036	- .018	- .373
320	361	- .266	.041	- .081	- .394	320	425	- .422	.133	- .003	- .170	320	475	- .157	.033	- .022	- .308
320	362	- .267	.041	- .107	- .421	320	426	- .254	.080	- .008	- .689	320	476	- .184	.032	- .020	- .360

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	477	.230	.036	.123	.454	330	109	.069	.165	.726	-.375	330	159	-.163	.057	.062	-.405
320	478	.079	.058	.221	.236	330	110	.050	.160	.574	-.407	330	160	-.152	.052	.092	-.463
320	479	.048	.066	.308	.212	330	111	-.008	.174	.685	-.489	330	161	-.150	.071	.092	-.564
320	480	.099	.045	.106	.231	330	112	.008	.156	.681	-.411	330	162	-.190	.104	.226	-.776
320	481	.109	.040	.126	.251	330	113	.076	.184	.792	-.395	330	163	-.045	.075	.341	-.295
320	482	.125	.035	.027	.254	330	114	.127	.206	.947	-.372	330	164	-.055	.076	.332	-.447
320	483	.128	.035	.008	.232	330	115	.148	.218	1.001	-.504	330	165	-.061	.082	.313	-.468
320	801	.151	.038	.022	.288	330	116	.089	.233	.924	-.795	330	166	-.038	.090	.495	-.332
320	802	.158	.043	.182	.353	330	117	-.045	.169	.656	-.623	330	167	-.176	.043	-.005	-.339
320	803	.099	.046	.180	.232	330	118	.163	.197	.892	-.320	330	168	-.160	.040	.097	-.415
320	804	.112	.040	.047	.255	330	119	.136	.209	.879	-.304	330	169	-.138	.065	.230	-.410
320	805	.122	.035	.010	.239	330	120	.126	.192	.963	-.247	330	170	-.149	.059	.092	-.659
320	806	.216	.027	.122	.308	330	121	.095	.165	.744	-.293	330	171	-.152	.056	.097	-.624
320	901	.167	.192	.926	.348	330	122	.066	.165	.722	-.470	330	172	-.164	.057	.018	-.488
320	902	.133	.184	.807	.384	330	123	-.115	.115	.456	-.545	330	173	-.174	.066	.113	-.484
320	903	.236	.175	.449	.776	330	124	-.079	.137	.440	-.523	330	174	-.119	.049	.189	-.357
320	904	.295	.077	.118	.641	330	125	.010	.163	.665	-.354	330	175	-.123	.055	.143	-.311
320	905	.367	.082	-.142	.714	330	126	.056	.178	.992	-.300	330	176	-.133	.060	.286	-.412
320	906	.478	.082	-.162	.860	330	127	.039	.194	.783	-.586	330	177	-.108	.058	.175	-.276
320	907	.491	.088	-.176	.851	330	128	.062	.197	.897	-.795	330	178	-.118	.072	.308	-.312
320	908	.439	.076	-.174	.767	330	129	.049	.201	.794	-.600	330	179	-.125	.066	.301	-.271
320	909	.485	.088	-.203	.867	330	130	-.043	.164	.701	-.859	330	180	-.124	.072	.235	-.473
320	910	.449	.094	-.169	.922	330	131	.115	.173	.874	-.245	330	181	-.133	.059	.254	-.331
320	911	.139	.108	-.358	.542	330	132	.128	.180	.981	-.277	330	182	-.138	.045	.062	-.295
320	912	.321	.095	-.003	.795	330	133	.032	.134	.624	-.300	330	183	-.100	.034	.069	-.203
320	913	.227	.074	.305	.465	330	134	-.011	.134	.651	-.359	330	184	-.102	.048	.138	-.359
320	914	.301	.102	.112	.684	330	135	-.102	.134	.567	-.886	330	201	-.249	.110	.127	-.947
320	915	.329	.075	-.088	.730	330	136	-.159	.111	.335	-.575	330	202	-.343	.124	.098	-.179
320	916	.355	.088	-.051	.746	330	137	-.107	.123	.433	-.463	330	203	-.397	.110	.026	-.877
320	917	.388	.070	-.081	.695	330	138	-.072	.115	.524	-.334	330	204	-.237	.075	.017	-.810
320	918	.489	.100	-.139	.912	330	139	-.057	.102	.531	-.350	330	205	-.234	.065	.051	-.651
320	919	.332	.059	-.132	.653	330	140	-.110	.124	.510	-.554	330	206	-.256	.070	-.048	-.738
320	920	.215	.065	.032	.492	330	141	-.140	.176	.781	-.032	330	207	-.295	.105	.087	-.791
320	921	.216	.082	.232	.490	330	142	-.109	.178	.551	-.120	330	208	-.332	.117	.007	-.008
320	922	.163	.088	.311	.437	330	143	-.035	.135	.652	-.645	330	209	-.374	.124	-.022	-.037
320	923	.345	.102	-.067	.852	330	144	-.042	.181	.772	-.1237	330	210	-.443	.118	-.097	-.981
320	924	.223	.080	-.203	.496	330	145	-.238	.068	.005	-.553	330	211	-.460	.117	-.140	-.931
320	925	.300	.046	-.138	.518	330	146	-.218	.063	.039	-.551	330	212	-.224	.036	-.113	-.415
320	926	.300	.068	-.096	.689	330	147	-.189	.058	.074	-.548	330	213	-.350	.127	.065	-.1071
320	927	.267	.046	-.085	.454	330	148	-.158	.059	.099	-.399	330	214	-.343	.112	.053	-.063
320	928	.255	.035	-.139	.416	330	149	-.136	.060	.076	-.433	330	215	-.373	.116	-.068	-.897
320	929	.268	.031	-.173	.390	330	150	-.131	.081	.141	-.627	330	216	-.358	.110	-.084	-.010
330	101	.331	.181	.526	-1.032	330	151	-.162	.105	.212	-.661	330	217	-.371	.112	-.094	-.1075
330	102	.367	.163	.463	-1.030	330	152	-.022	.083	.440	-.327	330	218	-.221	.031	-.121	-.350
330	103	.036	.197	.694	.670	330	153	-.038	.084	.408	-.401	330	219	-.229	.051	-.024	-.591
330	104	.046	.194	.726	.818	330	154	-.040	.094	.366	-.359	330	220	-.228	.054	-.060	-.637
330	105	.049	.181	.794	.468	330	155	-.034	.090	.350	-.320	330	221	-.248	.063	-.032	-.564
330	106	.016	.178	.913	.461	330	156	-.208	.049	-.033	-.500	330	222	-.309	.104	.007	-.873
330	107	.024	.160	.658	.452	330	157	-.196	.047	-.023	-.424	330	223	-.296	.079	.022	-.625
330	108	.038	.158	.751	.359	330	158	-.174	.050	.648	-.396	330	224	-.222	.033	-.106	-.408

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	225	-.302	.091	-.007	-.735	330	275	-.229	.053	-.057	-.601	330	339	-.209	.027	-.128	-.332
330	226	-.290	.081	-.058	-.728	330	276	-.234	.066	-.061	-.766	330	340	-.218	.029	-.123	-.355
330	227	-.328	.103	-.075	-.796	330	277	-.238	.069	-.079	-.819	330	341	-.223	.034	-.123	-.430
330	228	-.377	.130	-.058	-.919	330	278	-.177	.024	-.082	-.269	330	342	-.222	.032	-.109	-.362
330	229	-.401	.121	-.065	-1.119	330	279	-.176	.022	-.097	-.262	330	343	-.225	.033	-.116	-.444
330	230	-.383	.117	-.104	-.984	330	280	-.180	.028	-.070	-.281	330	344	-.241	.050	-.034	-.500
330	231	-.230	.032	-.138	-.415	330	281	-.174	.027	-.032	-.276	330	345	-.201	.032	-.097	-.323
330	232	-.222	.044	-.084	-.475	330	282	-.181	.028	-.026	-.281	330	346	-.206	.033	-.092	-.376
330	233	-.224	.044	-.024	-.422	330	283	-.196	.038	-.018	-.413	330	347	-.206	.030	-.120	-.325
330	234	-.260	.071	-.096	-.612	330	284	-.211	.052	-.009	-.626	330	348	-.202	.027	-.116	-.297
330	235	-.261	.058	-.007	-.569	330	285	-.232	.069	-.005	-.813	330	349	-.209	.026	-.120	-.302
330	236	-.228	.031	-.135	-.388	330	286	-.234	.079	.054	-.994	330	350	-.218	.033	-.136	-.430
330	237	-.238	.044	-.058	-.436	330	301	-.266	.089	.010	-.730	330	351	-.221	.034	-.127	-.465
330	238	-.246	.055	-.005	-.538	330	302	-.238	.073	.006	-.665	330	352	-.223	.038	-.104	-.409
330	239	-.244	.062	.017	-.579	330	303	-.240	.052	.091	-.500	330	353	-.227	.041	-.139	-.498
330	240	-.262	.069	.022	-.675	330	304	-.230	.049	-.084	-.524	330	354	-.238	.043	-.130	-.509
330	241	-.302	.099	-.065	-.795	330	305	-.224	.041	-.075	-.434	330	355	-.212	.035	-.106	-.402
330	242	-.357	.139	-.005	-1.192	330	306	-.224	.042	-.095	-.517	330	356	-.216	.039	-.104	-.418
330	243	-.398	.156	-.073	-1.144	330	307	-.217	.039	-.065	-.411	330	357	-.214	.039	-.104	-.414
330	244	-.395	.150	-.068	-1.650	330	308	-.222	.044	-.095	-.496	330	358	-.210	.042	-.083	-.472
330	245	-.227	.044	-.113	-.501	330	309	-.226	.052	.070	-.671	330	359	-.183	.030	-.081	-.311
330	246	-.208	.035	-.055	-.386	330	310	-.228	.058	-.042	-.494	330	360	-.180	.027	-.092	-.272
330	247	-.203	.037	-.041	-.470	330	311	-.224	.040	-.115	-.425	330	361	-.179	.027	-.085	-.279
330	248	-.213	.036	-.095	-.375	330	312	-.199	.036	-.077	-.392	330	362	-.183	.029	-.083	-.281
330	249	-.220	.045	-.032	-.431	330	313	-.200	.036	-.084	-.443	330	363	-.182	.028	-.069	-.307
330	250	-.209	.040	-.050	-.404	330	314	-.207	.037	-.077	-.353	330	364	-.193	.029	-.097	-.330
330	251	-.216	.051	-.020	-.499	330	315	-.212	.037	-.079	-.378	330	365	-.192	.028	-.062	-.337
330	252	-.233	.061	-.031	-.605	330	316	-.210	.033	-.084	-.392	330	366	-.183	.028	-.078	-.302
330	253	-.262	.086	-.000	-.795	330	317	-.304	.091	-.063	-.915	330	367	-.210	.048	-.099	-.488
330	254	-.318	.135	-.057	-1.165	330	318	-.218	.031	-.114	-.349	330	368	-.219	.053	-.085	-.558
330	255	-.326	.145	-.041	-1.235	330	319	-.221	.033	-.086	-.365	330	369	-.192	.040	-.085	-.372
330	256	-.190	.029	-.070	-.296	330	320	-.216	.035	-.107	-.383	330	370	-.174	.024	-.081	-.271
330	257	-.179	.030	-.039	-.280	330	321	-.223	.037	-.111	-.438	330	371	-.172	.024	-.097	-.251
330	258	-.175	.027	-.050	-.262	330	322	-.223	.041	-.065	-.404	330	372	-.174	.024	-.095	-.255
330	259	-.180	.027	-.077	-.301	330	323	-.296	.080	-.013	-.641	330	373	-.174	.024	-.064	-.258
330	260	-.188	.030	-.077	-.368	330	324	-.198	.030	-.100	-.349	330	374	-.177	.025	-.076	-.288
330	261	-.188	.028	-.034	-.273	330	325	-.202	.031	-.093	-.342	330	375	-.180	.025	-.099	-.267
330	262	-.196	.031	-.034	-.339	330	326	-.203	.028	-.111	-.298	330	376	-.180	.023	-.083	-.262
330	263	-.215	.035	-.034	-.375	330	327	-.209	.028	-.119	-.328	330	377	-.183	.024	-.092	-.290
330	264	-.230	.040	-.059	-.488	330	328	-.216	.029	-.125	-.330	330	378	-.224	.059	-.079	-.553
330	265	-.236	.051	-.075	-.637	330	329	-.219	.029	-.118	-.353	330	379	-.219	.054	-.097	-.501
330	266	-.241	.062	-.088	-.840	330	330	-.284	.075	-.082	-.712	330	380	-.183	.035	-.075	-.346
330	267	-.180	.024	-.082	-.258	330	331	-.227	.032	-.134	-.408	330	381	-.175	.023	-.108	-.260
330	268	-.184	.024	-.084	-.267	330	332	-.225	.034	-.118	-.402	330	382	-.171	.023	-.086	-.254
330	269	-.184	.024	-.106	-.253	330	333	-.226	.034	-.123	-.593	330	383	-.169	.027	-.061	-.267
330	270	-.182	.020	-.093	-.242	330	334	-.228	.034	-.125	-.443	330	384	-.170	.022	-.087	-.238
330	271	-.185	.026	-.084	-.278	330	335	-.260	.058	-.036	-.586	330	385	-.175	.021	-.099	-.278
330	272	-.180	.026	-.028	-.280	330	336	-.196	.029	-.107	-.330	330	386	-.175	.019	-.102	-.233
330	273	-.183	.026	-.084	-.307	330	337	-.197	.028	-.109	-.314	330	401	-.406	.104	-.078	-.856
330	274	-.198	.033	-.059	-.370	330	338	-.202	.028	-.107	-.291	330	402	-.246	.100	-.147	-.748



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	403	- .219	.072	.056	-.540	330	453	-.168	.032	-.037	-.323	330	914	-.272	.094	-.055	-.670
330	404	-.394	.117	.016	-.963	330	454	-.181	.029	-.037	-.283	330	915	-.292	.087	-.032	-.742
330	405	-.356	.123	.025	-1.119	330	455	-.188	.026	-.097	-.276	330	916	-.326	.121	-.134	-.963
330	406	-.251	.089	-.066	-.733	330	456	-.056	.072	-.332	-.289	330	917	-.296	.097	-.009	-.781
330	407	-.207	.074	.004	-.669	330	457	-.099	.083	-.256	-.455	330	918	-.321	.106	-.071	-.810
330	408	-.280	.078	.066	-.714	330	458	-.082	.074	-.281	-.354	330	919	-.265	.070	-.018	-.681
330	409	-.209	.059	.018	-.492	330	459	-.050	.076	-.328	-.233	330	920	-.186	.073	-.219	-.507
330	410	-.203	.056	-.032	-.542	330	460	-.270	.095	-.062	-.678	330	921	-.174	.094	-.286	-.599
330	411	-.196	.049	.013	-.410	330	461	-.201	.075	-.075	-.683	330	922	-.151	.085	-.306	-.493
330	412	-.162	.192	.803	-.353	330	462	-.152	.037	-.015	-.356	330	923	-.253	.080	-.018	-.664
330	413	-.334	.133	.128	-1.071	330	463	-.154	.033	-.014	-.271	330	924	-.157	.101	-.317	-.501
330	414	-.253	.084	.011	-.705	330	464	-.162	.032	-.025	-.330	330	925	-.209	.044	-.042	-.425
330	415	-.191	.039	-.032	-.367	330	465	-.178	.030	-.068	-.292	330	926	-.235	.057	-.079	-.649
330	416	-.190	.035	-.054	-.367	330	466	-.187	.031	-.052	-.285	330	927	-.225	.042	-.081	-.516
330	417	-.194	.035	-.056	-.353	330	467	-.129	.048	-.136	-.334	330	928	-.217	.035	-.113	-.364
330	418	-.142	.186	.779	-.296	330	468	-.131	.053	-.182	-.309	330	929	-.231	.034	-.121	-.398
330	419	-.347	.169	.166	-1.327	330	469	-.123	.054	-.124	-.292	340	101	-.208	.197	-.519	-1.016
330	420	-.319	.192	.207	-1.250	330	470	-.104	.057	-.259	-.289	340	102	-.254	.189	-.512	-.863
330	421	-.191	.124	.114	-1.076	330	471	-.172	.062	-.104	-.473	340	103	-.041	.120	-.514	-.482
330	422	-.187	.073	.090	-.616	330	472	-.155	.053	-.084	-.426	340	104	-.005	.133	-.578	-.579
330	423	-.117	.098	.351	-.552	330	473	-.148	.041	-.013	-.316	340	105	-.052	.139	-.666	-.409
330	424	-.105	.184	.786	-.451	330	474	-.153	.034	-.019	-.300	340	106	-.026	.132	-.762	-.400
330	425	-.309	.128	.001	-1.174	330	475	-.162	.031	-.032	-.309	340	107	-.054	.126	-.514	-.301
330	426	-.218	.064	.006	-.676	330	476	-.175	.030	-.075	-.383	340	108	-.079	.134	-.627	-.278
330	427	-.205	.053	.008	-.480	330	477	-.199	.038	-.086	-.432	340	109	-.105	.146	-.744	-.310
330	428	-.187	.036	-.028	-.365	330	478	-.087	.049	-.151	-.266	340	110	-.075	.139	-.555	-.331
330	429	-.189	.031	-.049	-.327	330	479	-.063	.074	-.268	-.219	340	111	-.003	.142	-.743	-.704
330	430	-.196	.029	-.099	-.312	330	480	-.119	.044	-.131	-.246	340	112	-.040	.105	-.440	-.443
330	431	-.087	.155	.808	-.351	330	481	-.133	.036	-.020	-.243	340	113	-.025	.123	-.544	-.388
330	432	-.326	.216	.279	-1.399	330	482	-.140	.031	-.023	-.243	340	114	-.082	.144	-.836	-.294
330	433	-.273	.220	.217	-1.315	330	483	-.142	.032	-.008	-.254	340	115	-.109	.158	-.765	-.469
330	434	-.169	.113	.248	-.853	330	801	-.141	.043	-.074	-.377	340	116	-.078	.170	-.707	-.867
330	435	-.097	.119	.465	-.736	330	802	-.123	.066	-.146	-.333	340	117	-.043	.160	-.638	-.600
330	436	-.052	.147	.585	-.810	330	803	-.101	.046	-.150	-.270	340	118	-.196	.158	-.944	-.186
330	437	-.060	.141	.561	-.607	330	804	-.116	.048	-.136	-.272	340	119	-.171	.159	-.746	-.234
330	438	-.313	.131	-.006	-1.207	330	805	-.139	.032	-.004	-.228	340	120	-.195	.168	-.765	-.172
330	439	-.217	.073	.023	-.722	330	806	-.160	.024	-.089	-.252	340	121	-.152	.163	-.802	-.248
330	440	-.201	.057	-.013	-.528	330	901	-.151	.199	-.959	-.292	340	122	-.082	.150	-.698	-.326
330	441	-.130	.036	-.041	-.379	330	902	-.175	.210	1.166	-.383	340	123	-.111	.110	-.553	-.558
330	442	-.180	.033	-.059	-.334	330	903	-.028	.179	-.699	-.749	340	124	-.099	.085	-.330	-.441
330	443	-.185	.027	-.084	-.292	330	904	-.265	.103	-.374	-.709	340	125	-.025	.105	-.509	-.416
330	444	-.189	.027	-.095	-.312	330	905	-.376	.119	-.007	-.827	340	126	-.034	.121	-.714	-.264
330	445	-.039	.080	.440	-.305	330	906	-.403	.095	-.127	-.789	340	127	-.013	.142	-.636	-.551
330	446	-.107	.096	.317	-.656	330	907	-.416	.099	-.088	-.802	340	128	-.066	.163	-.774	-.637
330	447	-.076	.080	.388	-.482	330	908	-.388	.088	-.052	-.684	340	129	-.096	.167	-.760	-.554
330	448	-.039	.074	.364	-.283	330	909	-.401	.093	-.093	-.725	340	130	-.054	.177	-.551	-.722
330	449	-.310	.098	.017	-.877	330	910	-.400	.099	-.040	-.825	340	131	-.163	.155	-.838	-.156
330	450	-.239	.082	.001	-.654	330	911	-.183	.102	-.222	-.832	340	132	-.146	.149	-.914	-.275
330	451	-.165	.041	-.003	-.370	330	912	-.344	.137	-.069	-.147	340	133	-.075	.138	-.827	-.241
330	452	-.166	.035	-.032	-.330	330	913	-.194	.069	-.148	-.537	340	134	-.001	.129	-.620	-.294

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	135	090	132	539	664	340	201	175	067	046	699	340	251	182	037	050	345
340	136	139	076	261	473	340	202	257	103	064	763	340	252	204	052	039	458
340	137	099	078	282	326	340	203	351	119	111	020	340	253	256	088	061	703
340	138	062	079	438	266	340	204	225	048	088	539	340	254	308	121	080	252
340	139	055	075	293	261	340	205	226	047	088	488	340	255	314	113	098	148
340	140	112	116	440	558	340	206	241	061	074	677	340	256	197	026	100	315
340	141	119	191	537	145	340	207	267	088	047	692	340	257	177	022	089	261
340	142	086	194	572	966	340	208	292	093	062	864	340	258	163	024	050	263
340	143	006	153	728	598	340	209	328	111	047	851	340	259	178	022	098	288
340	144	027	188	696	912	340	210	423	112	057	101	340	260	169	022	080	247
340	145	222	053	055	530	340	211	416	097	045	832	340	261	163	023	066	272
340	146	207	044	022	437	340	212	233	031	137	396	340	262	164	025	059	281
340	147	183	041	015	355	340	213	292	087	042	774	340	263	172	027	046	309
340	148	152	044	069	295	340	214	298	086	018	675	340	264	195	042	061	404
340	149	126	032	099	358	340	215	351	109	052	113	340	265	212	056	089	635
340	150	106	074	146	479	340	216	349	105	042	914	340	266	217	060	075	737
340	151	130	096	157	879	340	217	348	111	011	086	340	267	172	020	066	259
340	152	019	082	539	281	340	218	229	023	137	352	340	268	168	019	107	234
340	153	034	078	430	332	340	219	217	035	083	403	340	269	164	021	093	230
340	154	037	096	490	334	340	220	216	044	062	488	340	270	172	019	093	239
340	155	042	083	379	323	340	221	222	057	035	665	340	271	164	019	098	234
340	156	189	038	080	434	340	222	261	085	004	728	340	272	160	020	059	225
340	157	184	038	052	423	340	223	266	062	059	563	340	273	156	021	050	241
340	158	162	039	011	309	340	224	240	029	154	394	340	274	157	026	050	322
340	159	150	048	013	460	340	225	253	073	062	805	340	275	172	043	030	612
340	160	143	050	048	406	340	226	249	068	030	679	340	276	193	067	022	944
340	161	137	057	036	453	340	227	265	077	059	672	340	277	198	073	018	871
340	162	161	084	097	581	340	228	343	095	074	861	340	278	161	020	099	242
340	163	053	063	260	283	340	229	343	086	105	859	340	279	161	019	088	238
340	164	059	075	379	518	340	230	338	084	096	844	340	280	154	019	092	223
340	165	069	074	274	427	340	231	232	027	166	365	340	281	152	019	076	230
340	166	072	070	346	290	340	232	212	032	079	367	340	282	146	023	057	223
340	167	149	042	041	483	340	233	206	038	028	384	340	283	144	028	035	283
340	168	132	051	055	379	340	234	219	054	023	481	340	284	147	044	032	409
340	169	127	060	127	427	340	235	226	045	037	648	340	285	177	062	089	677
340	170	140	060	169	607	340	236	241	030	149	377	340	286	188	075	031	786
340	171	144	042	004	388	340	237	219	035	093	386	340	301	198	063	002	584
340	172	141	043	036	386	340	238	212	043	059	476	340	302	185	055	062	469
340	173	152	031	013	476	340	239	210	046	045	408	340	303	230	045	105	473
340	174	106	050	120	264	340	240	227	053	018	464	340	304	223	045	105	482
340	175	116	051	157	392	340	241	265	072	016	638	340	305	210	036	098	480
340	176	113	061	407	353	340	242	326	091	059	937	340	306	222	038	098	471
340	177	120	055	190	313	340	243	343	112	066	068	340	307	220	039	089	505
340	178	055	075	307	240	340	244	345	099	075	000	340	308	229	037	124	443
340	179	059	079	351	219	340	245	255	043	105	479	340	309	225	038	122	445
340	180	079	075	295	329	340	246	199	071	036	381	340	310	222	040	096	429
340	181	096	067	285	264	340	247	181	033	066	311	340	311	216	032	121	390
340	182	116	048	153	292	340	248	199	026	116	318	340	312	184	031	082	337
340	183	114	025	004	202	340	249	187	028	066	304	340	313	183	030	089	320
340	184	107	040	120	294	340	250	182	030	064	322	340	314	185	030	091	332

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	315	-.206	.031	-.103	-.357	340	365	-.213	.027	-.135	-.395	340	429	-.191	.027	-.102	-.317
340	316	-.211	.030	-.091	-.362	340	366	-.176	.022	-.105	-.276	340	430	-.193	.024	-.104	-.283
340	317	-.281	.077	-.031	-.665	340	367	-.160	.021	-.098	-.292	340	431	-.128	.138	-.758	-.184
340	318	-.227	.028	-.135	-.355	340	368	-.160	.021	-.091	-.259	340	432	-.389	.179	-.140	-1.499
340	319	-.230	.027	-.131	-.330	340	369	-.161	.019	-.102	-.226	340	433	-.353	.205	-.149	-1.385
340	320	-.227	.027	-.142	-.337	340	370	-.164	.019	-.077	-.259	340	434	-.182	.090	-.224	-.779
340	321	-.229	.031	-.133	-.401	340	371	-.166	.019	-.098	-.231	340	435	-.088	.109	-.389	-.588
340	322	-.226	.032	-.138	-.404	340	372	-.167	.020	-.100	-.240	340	436	-.033	.144	-.488	-.617
340	323	-.267	.064	-.054	-.658	340	373	-.170	.021	-.107	-.273	340	437	-.054	.139	-.599	-.646
340	324	-.197	.026	-.117	-.316	340	374	-.170	.021	-.058	-.262	340	438	-.370	.150	-.075	-1.144
340	325	-.199	.027	-.112	-.302	340	375	-.178	.021	-.112	-.273	340	439	-.246	.069	-.049	-.721
340	326	-.199	.026	-.122	-.353	340	376	-.180	.021	-.102	-.278	340	440	-.231	.056	-.037	-.622
340	327	-.217	.025	-.126	-.346	340	377	-.171	.019	-.077	-.252	340	441	-.192	.031	-.056	-.340
340	328	-.227	.025	-.149	-.341	340	378	-.160	.021	-.081	-.248	340	442	-.186	.026	-.074	-.302
340	329	-.227	.025	-.145	-.325	340	379	-.163	.022	-.089	-.279	340	443	-.192	.025	-.112	-.304
340	330	-.246	.051	-.096	-.521	340	380	-.153	.019	-.085	-.216	340	444	-.195	.022	-.110	-.284
340	331	-.229	.027	-.159	-.364	340	381	-.165	.018	-.101	-.232	340	445	-.023	.081	-.405	-.300
340	332	-.231	.027	-.142	-.334	340	382	-.166	.018	-.103	-.234	340	446	-.153	.089	-.197	-1.153
340	333	-.236	.029	-.145	-.408	340	383	-.158	.020	-.092	-.238	340	447	-.108	.071	-.177	-.519
340	334	-.232	.028	-.152	-.360	340	384	-.157	.019	-.094	-.237	340	448	-.049	.069	-.301	-.356
340	335	-.225	.045	-.027	-.651	340	385	-.161	.017	-.109	-.222	340	449	-.359	.090	-.124	-.846
340	336	-.198	.027	-.098	-.339	340	386	-.164	.015	-.118	-.217	340	450	-.296	.088	-.038	-.711
340	337	-.198	.026	-.112	-.306	340	401	-.381	.115	-.113	-1.069	340	451	-.193	.035	-.076	-.392
340	338	-.203	.026	-.133	-.304	340	402	-.234	.083	-.132	-.651	340	452	-.184	.028	-.087	-.316
340	339	-.214	.025	-.128	-.390	340	403	-.170	.055	-.045	-.513	340	453	-.177	.024	-.081	-.277
340	340	-.232	.026	-.147	-.461	340	404	-.397	.102	-.087	-1.035	340	454	-.179	.024	-.047	-.297
340	341	-.234	.028	-.152	-.411	340	405	-.390	.095	-.095	-.752	340	455	-.179	.021	-.110	-.300
340	342	-.233	.030	-.147	-.385	340	406	-.284	.085	-.075	-.718	340	456	-.065	.068	-.328	-.273
340	343	-.234	.029	-.138	-.355	340	407	-.209	.064	-.027	-.634	340	457	-.157	.066	-.118	-.456
340	344	-.220	.039	-.095	-.423	340	408	-.256	.074	-.008	-.593	340	458	-.127	.055	-.118	-.413
340	345	-.180	.023	-.112	-.280	340	409	-.199	.050	-.024	-.438	340	459	-.077	.060	-.253	-.252
340	346	-.181	.025	-.109	-.332	340	410	-.193	.040	-.022	-.414	340	460	-.310	.079	-.033	-.724
340	347	-.186	.021	-.112	-.273	340	411	-.189	.037	-.039	-.375	340	461	-.255	.071	-.002	-.607
340	348	-.198	.022	-.128	-.290	340	412	-.159	.150	-.838	-.307	340	462	-.187	.034	-.031	-.340
340	349	-.217	.025	-.142	-.332	340	413	-.349	.142	-.079	-1.086	340	463	-.176	.027	-.074	-.270
340	350	-.240	.032	-.140	-.423	340	414	-.256	.077	-.051	-.687	340	464	-.170	.023	-.078	-.268
340	351	-.246	.036	-.152	-.409	340	415	-.191	.036	-.056	-.445	340	465	-.166	.023	-.072	-.273
340	352	-.246	.033	-.133	-.423	340	416	-.185	.030	-.085	-.329	340	466	-.164	.023	-.063	-.243
340	353	-.254	.039	-.152	-.430	340	417	-.187	.031	-.080	-.353	340	467	-.117	.048	-.095	-.338
340	354	-.249	.039	-.152	-.582	340	418	-.175	.148	-.879	-.172	340	468	-.154	.045	-.068	-.370
340	355	-.199	.027	-.116	-.388	340	419	-.414	.145	-.041	-1.371	340	469	-.148	.040	-.032	-.282
340	356	-.168	.027	-.088	-.313	340	420	-.416	.166	-.067	-1.569	340	470	-.131	.038	-.100	-.234
340	357	-.167	.026	-.084	-.273	340	421	-.245	.128	-.113	-.921	340	471	-.208	.051	-.040	-.503
340	358	-.166	.021	-.091	-.320	340	422	-.192	.069	-.164	-.547	340	472	-.197	.037	-.063	-.383
340	359	-.172	.019	-.102	-.240	340	423	-.110	.090	-.321	-.539	340	473	-.181	.032	-.076	-.514
340	360	-.181	.021	-.119	-.280	340	424	-.151	.163	-.942	-.261	340	474	-.176	.027	-.058	-.306
340	361	-.190	.023	-.084	-.276	340	425	-.361	.147	-.072	-1.025	340	475	-.170	.024	-.087	-.286
340	362	-.196	.028	-.105	-.334	340	426	-.238	.068	-.012	-.706	340	476	-.163	.022	-.083	-.270
340	363	-.191	.026	-.114	-.306	340	427	-.222	.052	-.075	-.493	340	477	-.163	.020	-.074	-.255
340	364	-.214	.030	-.128	-.369	340	428	-.190	.030	-.080	-.346	340	478	-.110	.036	-.052	-.306

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	479	- .119	.046	.153	- .254	350	111	- .119	.109	.249	- .722	350	161	- .150	.049	.026	- .414
340	480	- .144	.032	.015	- .242	350	112	- .127	.086	.460	- .590	350	162	- .187	.083	.058	- .674
340	481	- .150	.026	.007	- .230	350	113	- .103	.089	.414	- .634	350	163	- .042	.073	.364	- .222
340	482	- .155	.023	.054	- .259	350	114	- .074	.094	.437	- .483	350	164	- .048	.073	.348	- .268
340	483	- .151	.024	.027	- .246	350	115	- .064	.103	.391	- .487	350	165	- .056	.079	.279	- .410
340	801	- .124	.041	.084	- .297	350	116	- .081	.135	.517	- .728	350	166	- .067	.071	.325	- .299
340	802	- .080	.066	.226	- .251	350	117	- .035	.126	.558	- .462	350	167	- .189	.034	.057	- .350
340	803	- .116	.038	.089	- .249	350	118	- .042	.110	.604	- .245	350	168	- .175	.035	.034	- .426
340	804	- .148	.033	.008	- .265	350	119	- .016	.111	.568	- .439	350	169	- .163	.037	.004	- .354
340	805	- .153	.024	.068	- .235	350	120	- .049	.113	.719	- .215	350	170	- .166	.036	.050	- .456
340	806	- .165	.018	.105	- .237	350	121	- .045	.127	.574	- .261	350	171	- .160	.031	.018	- .454
340	901	- .208	.175	.978	- .193	350	122	- .010	.119	.568	- .442	350	172	- .151	.042	.024	- .380
340	902	- .198	.170	.873	- .191	350	123	- .118	.091	.357	- .526	350	173	- .162	.055	.068	- .600
340	903	- .017	.147	.507	- .626	350	124	- .159	.062	.144	- .398	350	174	- .112	.058	.246	- .296
340	904	- .240	.106	.168	- .692	350	125	- .126	.065	.179	- .334	350	175	- .110	.066	.253	- .387
340	905	- .354	.115	.017	- .816	350	126	- .091	.071	.364	- .334	350	176	- .112	.067	.279	- .333
340	906	- .344	.085	.022	- .708	350	127	- .088	.090	.259	- .396	350	177	- .129	.063	.205	- .331
340	907	- .369	.107	.093	- .768	350	128	- .039	.111	.508	- .347	350	178	- .120	.048	.098	- .266
340	908	- .355	.097	.059	- .860	350	129	- .042	.116	.423	- .549	350	179	- .131	.042	.103	- .237
340	909	- .345	.091	.054	- .738	350	130	- .045	.128	.472	- .542	350	180	- .138	.042	.053	- .311
340	910	- .341	.112	.111	- 1.035	350	131	- .049	.107	.533	- .242	350	181	- .138	.042	.129	- .254
340	911	- .219	.104	.159	- 1.057	350	132	- .049	.110	.584	- .284	350	182	- .142	.031	.005	- .263
340	912	- .268	.099	.006	- .728	350	133	- .019	.105	.558	- .274	350	183	- .119	.029	.069	- .206
340	913	- .209	.073	.103	- .566	350	134	- .008	.117	.542	- .377	350	184	- .114	.039	.079	- .294
340	914	- .239	.094	.118	- .714	350	135	- .116	.100	.419	- .487	350	201	- .169	.047	.031	- .440
340	915	- .239	.087	.020	- .870	350	136	- .175	.047	.066	- .409	350	202	- .196	.065	.107	- .490
340	916	- .230	.104	.143	- .672	350	137	- .148	.052	.174	- .339	350	203	- .248	.082	.078	- .618
340	917	- .243	.071	.017	- .581	350	138	- .124	.053	.153	- .281	350	204	- .208	.039	.066	- .407
340	918	- .276	.109	.117	- .846	350	139	- .097	.058	.206	- .323	350	205	- .209	.041	.019	- .441
340	919	- .210	.049	.013	- .469	350	140	- .134	.086	.224	- .474	350	206	- .210	.049	.001	- .427
340	920	- .137	.073	.260	- .530	350	141	- .092	.136	.455	- .678	350	207	- .216	.061	.007	- .522
340	921	- .105	.076	.283	- .500	350	142	- .061	.137	.594	- .850	350	208	- .225	.067	.031	- .677
340	922	- .102	.081	.320	- .420	350	143	- .005	.117	.557	- .336	350	209	- .234	.074	.060	- .607
340	923	- .193	.061	.033	- .525	350	144	- .048	.139	.504	- .618	350	210	- .274	.085	.172	- .675
340	924	- .093	.092	.333	- .460	350	145	- .197	.032	.076	- .357	350	211	- .284	.072	.282	- .612
340	925	- .199	.039	.038	- .401	350	146	- .188	.030	.088	- .352	350	212	- .214	.032	.115	- .405
340	926	- .223	.044	.101	- .539	350	147	- .173	.030	.062	- .308	350	213	- .232	.058	.047	- .483
340	927	- .216	.034	.100	- .409	350	148	- .158	.035	.009	- .312	350	214	- .233	.059	.036	- .478
340	928	- .227	.029	.129	- .362	350	149	- .143	.040	.001	- .287	350	215	- .240	.065	.021	- .680
340	929	- .233	.026	.153	- .344	350	150	- .130	.058	.091	- .649	350	216	- .253	.076	.250	- .707
350	101	- .199	.142	.375	- .918	350	151	- .166	.094	.193	- .832	350	217	- .257	.092	.109	- .875
350	102	- .208	.145	.310	- .666	350	152	- .016	.076	.353	- .268	350	218	- .214	.024	.120	- .349
350	103	- .124	.097	.394	- .492	350	153	- .026	.086	.439	- .280	350	219	- .208	.029	.098	- .397
350	104	- .105	.097	.401	- .423	350	154	- .031	.093	.629	- .336	350	220	- .205	.032	.054	- .376
350	105	- .075	.096	.327	- .451	350	155	- .040	.087	.404	- .326	350	221	- .200	.041	.028	- .356
350	106	- .121	.098	.311	- .480	350	156	- .191	.028	.104	- .377	350	222	- .213	.055	.170	- .439
350	107	- .069	.095	.359	- .391	350	157	- .183	.028	.074	- .296	350	223	- .222	.042	.035	- .405
350	108	- .040	.106	.613	- .403	350	158	- .169	.031	.048	- .359	350	224	- .219	.026	.120	- .359
350	109	- .020	.111	.490	- .428	350	159	- .164	.036	.018	- .345	350	225	- .217	.041	.047	- .436
350	110	- .018	.124	.453	- .355	350	160	- .159	.036	.007	- .308	350	226	- .214	.045	.033	- .461

WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPMIN
350	227	.223	.046	.057	.407	350	277	.222	.049	.113	.586	350	341	.221	.025	.142	.354
350	228	.240	.056	.023	.485	350	278	.171	.018	.092	.242	350	342	.222	.025	.116	.354
350	229	.248	.059	.028	.704	350	279	.172	.016	.118	.229	350	343	.222	.024	.151	.351
350	230	.245	.063	.240	.556	350	280	.162	.020	.051	.241	350	344	.206	.032	.064	.391
350	231	.223	.025	.154	.402	350	281	.159	.021	.058	.229	350	345	.179	.023	.107	.278
350	232	.211	.027	.110	.349	350	282	.156	.022	.067	.233	350	346	.181	.023	.111	.281
350	233	.206	.028	.091	.342	350	283	.160	.025	.077	.265	350	347	.186	.021	.114	.297
350	234	.203	.038	.006	.354	350	284	.172	.038	.009	.361	350	348	.190	.020	.123	.276
350	235	.210	.032	.028	.322	350	285	.206	.047	.006	.558	350	349	.202	.022	.123	.311
350	236	.222	.024	.144	.351	350	286	.224	.052	.076	.532	350	350	.218	.023	.156	.351
350	237	.208	.028	.110	.395	350	301	.191	.050	.030	.436	350	351	.222	.025	.142	.386
350	238	.211	.034	.030	.371	350	302	.183	.043	.016	.377	350	352	.215	.025	.116	.361
350	239	.210	.033	.009	.471	350	303	.213	.040	.099	.487	350	353	.231	.028	.161	.403
350	240	.209	.033	.066	.310	350	304	.206	.038	.108	.401	350	354	.227	.029	.149	.431
350	241	.221	.040	.019	.479	350	305	.200	.030	.101	.359	350	355	.196	.024	.109	.354
350	242	.230	.048	.026	.482	350	306	.203	.031	.113	.364	350	356	.171	.025	.085	.292
350	243	.241	.055	.040	.609	350	307	.205	.030	.127	.389	350	357	.176	.026	.097	.311
350	244	.233	.053	.081	.634	350	308	.213	.029	.122	.350	350	358	.173	.020	.111	.299
350	245	.218	.032	.113	.432	350	309	.215	.032	.099	.375	350	359	.180	.018	.111	.231
350	246	.196	.025	.115	.340	350	310	.212	.034	.076	.406	350	360	.185	.017	.128	.238
350	247	.189	.025	.103	.290	350	311	.203	.028	.123	.345	350	361	.194	.019	.125	.262
350	248	.192	.023	.106	.315	350	312	.187	.031	.085	.366	350	362	.196	.021	.137	.295
350	249	.197	.029	.074	.324	350	313	.186	.029	.085	.359	350	363	.193	.021	.114	.278
350	250	.195	.025	.101	.345	350	314	.191	.028	.094	.341	350	364	.203	.022	.125	.285
350	251	.200	.027	.044	.295	350	315	.194	.027	.101	.334	350	365	.203	.021	.128	.297
350	252	.214	.028	.101	.331	350	316	.200	.027	.087	.427	350	366	.174	.019	.100	.252
350	253	.221	.038	.085	.468	350	317	.229	.053	.048	.545	350	367	.172	.023	.107	.299
350	254	.220	.048	.083	.566	350	318	.213	.025	.113	.345	350	368	.173	.025	.100	.335
350	255	.224	.045	.103	.527	350	319	.210	.024	.136	.301	350	369	.171	.019	.095	.231
350	256	.192	.023	.106	.290	350	320	.213	.023	.139	.296	350	370	.173	.018	.116	.234
350	257	.175	.021	.094	.240	350	321	.214	.024	.122	.331	350	371	.175	.018	.114	.243
350	258	.168	.021	.060	.245	350	322	.217	.027	.132	.343	350	372	.177	.017	.090	.234
350	259	.175	.021	.097	.252	350	323	.224	.043	.048	.413	350	373	.178	.018	.118	.255
350	260	.173	.022	.097	.256	350	324	.190	.024	.111	.329	350	374	.179	.018	.102	.243
350	261	.173	.022	.074	.247	350	325	.190	.024	.115	.278	350	375	.186	.019	.116	.262
350	262	.181	.023	.090	.272	350	326	.193	.024	.127	.289	350	376	.186	.018	.118	.252
350	263	.198	.025	.110	.299	350	327	.201	.023	.127	.301	350	377	.174	.018	.116	.229
350	264	.216	.031	.117	.334	350	328	.210	.024	.108	.296	350	378	.175	.025	.099	.288
350	265	.209	.033	.115	.404	350	329	.213	.023	.127	.289	350	379	.175	.021	.099	.256
350	266	.210	.035	.119	.609	350	330	.215	.037	.036	.429	350	380	.167	.020	.084	.241
350	267	.179	.019	.115	.247	350	331	.221	.024	.153	.338	350	381	.173	.017	.104	.232
350	268	.178	.018	.115	.254	350	332	.220	.024	.125	.310	350	382	.174	.018	.110	.238
350	269	.173	.019	.108	.238	350	333	.220	.023	.145	.366	350	383	.167	.018	.096	.241
350	270	.177	.017	.119	.240	350	334	.222	.025	.141	.424	350	384	.166	.016	.107	.221
350	271	.172	.021	.099	.258	350	335	.210	.032	.034	.364	350	385	.172	.016	.124	.246
350	272	.167	.021	.072	.238	350	336	.190	.024	.111	.315	350	386	.173	.015	.124	.236
350	273	.169	.023	.088	.247	350	337	.191	.024	.099	.292	350	401	.287	.099	.048	.762
350	274	.179	.026	.088	.288	350	338	.195	.022	.118	.292	350	402	.187	.062	.058	.534
350	275	.207	.039	.092	.443	350	339	.200	.021	.141	.299	350	403	.174	.041	.023	.340
350	276	.221	.051	.110	.652	350	340	.211	.021	.134	.313	350	404	.360	.113	.024	.829

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3350	405	-.301	.094	-.002	-.678	3350	443	-.191	.024	-.081	-.303	3350	481	-.166	.025	-.047	-.254
3350	406	-.211	.054	-.059	-.635	3350	444	-.190	.022	-.108	-.288	3350	482	-.167	.022	-.074	-.239
3350	407	-.182	.048	-.021	-.443	3350	445	-.030	.075	.334	-.288	3350	483	-.164	.024	-.059	-.243
3350	408	-.235	.056	-.035	-.553	3350	446	-.145	.081	.154	-.546	3350	801	-.142	.030	-.001	-.252
3350	409	-.198	.043	-.062	-.421	3350	447	-.106	.067	.222	-.642	3350	802	-.136	.041	.041	-.313
3350	410	-.196	.037	-.050	-.400	3350	448	-.055	.066	.348	-.270	3350	803	-.125	.039	.139	-.238
3350	411	-.192	.034	-.074	-.371	3350	449	-.375	.080	-.157	-.752	3350	804	-.164	.034	.023	-.271
3350	412	-.025	.105	-.590	-.405	3350	450	-.316	.074	-.128	-.842	3350	805	-.168	.024	-.066	-.271
3350	413	-.371	.109	-.127	-1.011	3350	451	-.212	.034	-.104	-.404	3350	806	-.175	.018	-.124	-.241
3350	414	-.274	.066	-.112	-.714	3350	452	-.198	.026	-.095	-.335	3350	901	-.067	.121	.761	-.232
3350	415	-.203	.037	-.086	-.417	3350	453	-.191	.023	.106	-.310	3350	902	-.025	.116	.733	-.356
3350	416	-.197	.033	-.091	-.421	3350	454	-.186	.022	-.108	-.281	3350	903	-.137	.121	.368	-.661
3350	417	-.194	.032	-.098	-.400	3350	455	-.185	.023	-.110	-.290	3350	904	-.187	.083	.300	-.570
3350	418	-.023	.103	.480	-.270	3350	456	-.049	.066	.314	-.274	3350	905	-.261	.083	.080	-.574
3350	419	-.338	.129	.116	-1.104	3350	457	-.151	.070	.096	-.485	3350	906	-.277	.079	.018	-.657
3350	420	-.302	.133	.039	-1.196	3350	458	-.114	.058	.150	-.382	3350	907	-.260	.091	.195	-.634
3350	421	-.180	.069	.060	-.356	3350	459	-.075	.061	.231	-.250	3350	908	-.264	.075	.050	-.645
3350	422	-.179	.066	.118	-.380	3350	460	-.351	.079	-.092	-.739	3350	909	-.268	.090	.371	-.691
3350	423	-.123	.076	.305	-.496	3350	461	-.295	.078	-.088	-.654	3350	910	-.244	.080	.080	-.643
3350	424	-.042	.115	.705	-.227	3350	462	-.201	.030	-.065	-.337	3350	911	-.195	.077	.162	-.658
3350	425	-.347	.108	-.107	-.870	3350	463	-.191	.026	-.099	-.292	3350	912	-.222	.070	.040	-.565
3350	426	-.242	.056	-.079	-.618	3350	464	-.183	.025	-.088	-.285	3350	913	-.189	.075	.260	-.556
3350	427	-.248	.062	-.091	-.671	3350	465	-.176	.023	-.090	-.270	3350	914	-.174	.070	.156	-.565
3350	428	-.200	.030	-.088	-.361	3350	466	-.175	.023	-.097	-.288	3350	915	-.191	.056	.014	-.607
3350	429	-.194	.026	-.107	-.333	3350	467	-.113	.063	.323	-.299	3350	916	-.183	.063	.109	-.428
3350	430	-.199	.026	-.119	-.371	3350	468	-.153	.051	.074	-.346	3350	917	-.216	.054	.040	-.442
3350	431	-.025	.098	.451	-.249	3350	469	-.150	.045	.123	-.301	3350	918	-.254	.080	.018	-.645
3350	432	-.309	.132	.039	-1.092	3350	470	-.132	.045	-.128	-.288	3350	919	-.207	.041	-.002	-.397
3350	433	-.240	.132	.183	-.999	3350	471	-.247	.072	-.043	-.750	3350	920	-.137	.060	.225	-.340
3350	434	-.173	.074	.209	-.512	3350	472	-.220	.054	-.048	-.622	3350	921	-.141	.056	.142	-.398
3350	435	-.115	.085	.322	-.450	3350	473	-.192	.032	-.083	-.375	3350	922	-.117	.066	.191	-.389
3350	436	-.028	.109	.427	-.414	3350	474	-.186	.028	-.056	-.335	3350	923	-.202	.048	.008	-.421
3350	437	-.086	.102	-.374	-.512	3350	475	-.182	.025	-.095	-.297	3350	924	-.134	.068	.185	-.340
3350	438	-.366	.124	-.088	-1.301	3350	476	-.176	.024	-.061	-.274	3350	925	-.194	.035	-.066	-.573
3350	439	-.247	.061	-.057	-.651	3350	477	-.175	.024	-.086	-.281	3350	926	-.209	.039	-.101	-.411
3350	440	-.245	.056	-.098	-.642	3350	478	-.114	.037	-.063	-.236	3350	927	-.204	.031	-.098	-.467
3350	441	-.203	.030	-.099	-.371	3350	479	-.133	.048	.257	-.244	3350	928	-.213	.025	.127	-.343
3350	442	-.194	.026	-.104	-.335	3350	480	-.162	.031	.018	-.261	3350	929	-.224	.024	-.155	-.340

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	112	- .228	.201	.382	-1.315	52	157	-.267	.078	-.048	-.850	64	425	-.191	.032	-.095	-.316
40	113	-.138	.159	.374	-.898	52	417	-.182	.065	-.060	-.743	64	438	-.190	.031	-.087	-.314
40	157	-.198	.053	-.064	-.570	52	425	-.194	.035	-.080	-.354	64	454	-.149	.025	-.053	-.242
40	417	-.194	.053	-.030	-.575	52	438	-.201	.035	-.102	-.349	64	455	-.150	.027	-.065	-.292
40	425	-.257	.050	-.120	-.545	52	454	-.154	.026	-.070	-.263	66	112	-.407	.099	-.134	-1.030
40	438	-.271	.055	-.153	-.545	52	455	-.153	.027	-.033	-.298	66	113	-.412	.094	-.141	-.972
40	454	-.171	.029	-.076	-.448	54	112	-.431	.186	.097	-1.514	66	157	-.428	.132	-.147	-1.705
40	455	-.169	.031	-.063	-.336	54	113	-.406	.178	.121	-1.536	66	417	-.169	.053	-.018	-.579
42	112	-.253	.217	-.335	-1.343	54	157	-.293	.092	-.095	-.899	66	425	-.190	.032	-.085	-.314
42	113	-.186	.165	-.236	-1.115	54	417	-.180	.061	-.064	-.518	66	438	-.194	.033	-.097	-.354
42	157	-.195	.052	-.028	-.517	54	425	-.188	.032	-.081	-.315	66	454	-.152	.026	-.074	-.262
42	417	-.185	.052	-.011	-.558	54	438	-.193	.033	-.114	-.328	66	455	-.146	.027	-.021	-.296
42	425	-.250	.057	-.109	-.533	54	454	-.155	.026	-.069	-.288	68	112	-.381	.091	-.088	-.874
42	438	-.257	.046	-.145	-.463	54	455	-.152	.028	-.059	-.302	68	113	-.390	.099	-.098	-.996
42	454	-.167	.028	-.071	-.316	56	112	-.417	.173	.012	-1.513	68	157	-.414	.123	-.142	-1.271
42	455	-.161	.027	-.071	-.361	56	113	-.423	.166	.012	-1.244	68	417	-.168	.050	.067	-.527
44	112	-.287	.188	-.321	-1.521	56	157	-.289	.093	-.092	-.863	68	425	-.190	.037	-.029	-.331
44	113	-.212	.168	-.265	-1.135	56	417	-.178	.064	-.030	-.653	68	438	-.191	.036	-.077	-.334
44	157	-.198	.055	-.047	-.583	56	425	-.182	.031	-.066	-.351	68	454	-.153	.029	-.051	-.267
44	417	-.181	.054	-.034	-.500	56	438	-.191	.032	-.109	-.339	68	455	-.149	.028	-.041	-.262
44	425	-.223	.047	-.089	-.466	56	454	-.148	.025	-.066	-.266	70	112	-.363	.093	-.161	-.791
44	438	-.251	.051	-.132	-.501	56	455	-.147	.029	-.054	-.292	70	113	-.390	.093	-.132	-.906
44	454	-.159	.025	-.061	-.283	58	112	-.429	.159	.002	-1.236	70	157	-.415	.129	-.136	-1.418
44	455	-.157	.028	-.053	-.330	58	113	-.434	.160	.043	-1.670	70	417	-.165	.048	-.010	-.426
46	112	-.332	.192	-.270	-1.283	58	157	-.312	.094	-.109	-1.257	70	425	-.180	.034	-.054	-.307
46	113	-.256	.173	-.277	-1.033	58	417	-.175	.065	-.047	-.774	70	438	-.192	.036	-.082	-.314
46	157	-.207	.062	-.031	-.583	58	425	-.184	.030	-.083	-.305	70	454	-.155	.029	-.059	-.283
46	417	-.174	.056	-.037	-.505	58	438	-.184	.027	-.103	-.323	70	455	-.149	.030	-.054	-.300
46	425	-.215	.043	-.100	-.445	58	454	-.148	.026	-.066	-.253	150	112	-.208	.052	-.041	-.448
46	438	-.227	.042	-.125	-.415	58	455	-.145	.028	-.045	-.305	150	113	-.206	.049	-.017	-.426
46	454	-.156	.024	-.071	-.272	60	112	-.427	.124	.027	-1.213	150	157	-.254	.065	-.061	-.658
46	455	-.152	.024	-.076	-.265	60	113	-.452	.128	-.073	-1.288	150	417	-.401	.095	-.149	-.983
48	112	-.355	.190	-.404	-1.302	60	157	-.385	.124	-.156	-1.223	150	425	-.346	.124	-.014	-.886
48	113	-.295	.162	-.246	-.975	60	417	-.185	.061	-.033	-.647	150	438	-.242	.066	-.062	-.536
48	157	-.216	.062	-.019	-.723	60	425	-.192	.030	-.108	-.357	150	454	-.593	.200	-.046	-1.610
48	417	-.173	.056	-.037	-.530	60	438	-.191	.029	-.101	-.327	150	455	-.567	.165	-.049	-1.399
48	425	-.200	.040	-.098	-.401	60	454	-.155	.025	-.047	-.273	152	112	-.209	.055	-.042	-.536
48	438	-.213	.043	-.118	-.388	60	455	-.151	.028	-.063	-.363	152	113	-.211	.051	-.022	-.440
48	454	-.152	.024	-.057	-.243	62	112	-.435	.114	-.095	-1.105	152	157	-.244	.058	-.060	-.598
48	455	-.150	.026	-.069	-.307	62	113	-.436	.113	-.087	-1.020	152	417	-.422	.104	-.125	-1.178
50	112	-.389	.178	-.168	-1.613	62	157	-.416	.140	-.154	-1.386	152	425	-.320	.113	-.032	-.938
50	113	-.370	.175	-.097	-1.897	62	417	-.181	.062	-.023	-.701	152	438	-.236	.071	-.013	-.652
50	157	-.258	.076	-.085	-.816	62	425	-.193	.032	-.098	-.343	152	454	-.599	.223	-.112	-1.841
50	417	-.184	.062	-.122	-.607	62	438	-.190	.030	-.098	-.330	152	455	-.591	.187	-.034	-1.472
50	425	-.196	.036	-.095	-.375	62	454	-.152	.025	-.067	-.253	154	112	-.206	.055	-.029	-.482
50	438	-.209	.037	-.115	-.375	62	455	-.150	.027	-.021	-.303	154	113	-.206	.052	-.029	-.443
50	454	-.159	.025	-.084	-.322	64	112	-.463	.099	-.129	-.846	154	157	-.235	.058	-.103	-.615
50	455	-.159	.028	-.067	-.370	64	113	-.426	.103	-.066	-.919	154	417	-.424	.111	-.166	-1.238
52	112	-.401	.177	-.010	-1.367	64	157	-.412	.137	-.127	-1.251	154	425	-.316	.112	-.071	-.891
52	113	-.397	.177	-.136	-1.450	64	417	-.177	.058	-.028	-.504	154	438	-.227	.061	-.084	-.566

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
154	454	-.597	.223	.105	-1.669	168	112	-.247	.073	-.009	-.665	180	157	-.295	.098	.043	-.803
154	455	-.584	.189	.040	-1.522	168	113	-.246	.064	-.010	-.612	180	236	-.502	.197	.191	-1.243
156	112	-.204	.057	-.019	-.595	168	157	-.239	.067	-.016	-.662	180	244	-.264	.046	-.061	-.472
156	113	-.208	.037	-.059	-.463	168	417	-.509	.162	-.050	-1.603	180	312	.156	.160	.707	-.427
156	157	-.225	.051	-.079	-.502	168	425	-.269	.046	-.115	-.650	180	313	.138	.143	.672	-.274
156	417	-.437	.117	-.132	-1.272	168	438	-.266	.035	-.120	-.423	180	336	.201	.157	.703	-.224
156	425	-.285	.101	-.062	-.749	168	454	-.464	.281	.177	-1.880	180	337	.228	.138	.779	-.115
156	438	-.226	.063	-.049	-.578	168	455	-.501	.226	.191	-1.637	180	345	.145	.124	.662	-.290
156	454	-.544	.247	.101	-1.644	170	112	-.247	.071	-.005	-.608	180	346	.176	.127	.641	-.193
156	455	-.586	.215	.199	-1.880	170	113	-.250	.067	-.014	-.736	180	356	.063	.112	.658	-.306
158	112	-.209	.065	.010	-.485	170	157	-.234	.065	-.008	-.516	180	357	-.031	.064	.195	-.350
158	113	-.207	.058	.034	-.546	170	417	-.500	.176	.031	-1.743	180	417	-.342	.207	.452	-1.354
158	157	-.197	.055	.080	-.415	170	425	-.266	.048	-.121	-.667	180	425	-.250	.045	-.032	-.418
158	417	-.443	.123	-.129	-1.368	170	438	-.267	.035	-.136	-.391	180	438	-.311	.042	-.144	-.466
158	425	-.291	.101	.021	-.913	170	454	-.425	.272	.135	-1.995	180	454	-.082	.227	.521	-1.112
158	438	-.221	.049	-.091	-.505	170	455	-.465	.234	.232	-1.604	180	455	-.169	.270	.550	-1.354
158	454	-.575	.269	.158	-1.983	172	112	-.262	.080	-.031	-.727	182	112	-.286	.091	-.012	-.871
158	455	-.572	.205	.110	-1.674	172	113	-.258	.071	-.012	-.657	182	113	-.280	.080	-.055	-.796
160	112	-.218	.073	.002	-.613	172	157	-.253	.067	-.009	-.608	182	157	-.283	.079	-.005	-.769
160	113	-.214	.067	.044	-.766	172	417	-.498	.182	.219	-1.697	182	236	-.529	.184	.014	-1.463
160	157	-.189	.066	.004	-.540	172	425	-.269	.044	-.073	-.659	182	244	-.262	.045	-.123	-.434
160	417	-.466	.136	-.143	-1.366	172	438	-.281	.037	-.154	-.441	182	312	.148	.149	.613	-.338
160	425	-.279	.082	-.062	-.720	172	454	-.405	.268	.292	-1.724	182	313	.159	.145	.627	-.326
160	438	-.230	.045	-.077	-.519	172	455	-.450	.232	.199	-1.575	182	336	.203	.145	.783	-.142
160	454	-.556	.261	.051	-1.683	174	112	-.272	.081	-.043	-.690	182	337	.261	.146	.785	-.085
160	455	-.570	.219	.035	-1.624	174	113	-.268	.074	-.051	-1.060	182	345	.167	.137	.804	-.220
162	112	-.231	.070	-.007	-.655	174	157	-.263	.062	-.011	-.613	182	346	.188	.128	.980	-.125
162	113	-.233	.067	.015	-.575	174	417	-.468	.177	-.277	-1.596	182	356	.069	.106	.490	-.270
162	157	-.201	.068	-.012	-.530	174	425	-.270	.039	-.135	-.547	182	357	-.032	.058	.179	-.258
162	417	-.484	.142	-.117	-1.692	174	438	-.293	.037	-.117	-.453	182	417	-.380	.195	.281	-1.643
162	425	-.269	.071	-.083	-.753	174	454	-.336	.262	.326	-1.745	182	425	-.261	.041	-.009	-.406
162	438	-.243	.044	-.108	-.550	174	455	-.403	.229	.307	-1.602	182	438	-.306	.039	-.176	-.434
162	454	-.537	.277	.086	-1.934	176	112	-.277	.082	.015	-.713	182	454	-.183	.242	.416	-1.271
162	455	-.585	.213	.102	-1.472	176	113	-.274	.070	-.058	-.623	182	455	-.255	.231	.392	-1.163
164	112	-.239	.074	.003	-.616	176	157	-.265	.065	.048	-.692	184	112	-.303	.102	-.039	-1.050
164	113	-.244	.067	-.014	-.655	176	417	-.410	.185	.234	-1.396	184	113	-.296	.084	-.034	-.788
164	157	-.214	.073	-.004	-.763	176	425	-.268	.038	-.108	-.513	184	157	-.300	.092	-.069	-.833
164	417	-.508	.156	-.135	-1.547	176	438	-.300	.036	-.177	-.432	184	236	-.562	.177	-.040	-1.342
164	425	-.279	.071	-.091	-.644	176	454	-.292	.263	.317	-1.808	184	244	-.277	.049	-.065	-.513
164	438	-.260	.040	-.139	-.511	176	455	-.325	.228	.393	-1.421	184	312	.193	.160	.723	-.280
164	454	-.526	.267	.130	-1.666	178	112	-.283	.086	-.009	-.938	184	313	.168	.141	.667	-.182
164	455	-.571	.235	.166	-1.891	178	113	-.283	.080	-.029	-1.070	184	336	.246	.155	.843	-.131
166	112	-.243	.070	-.019	-.140	178	157	-.274	.074	-.068	-.898	184	337	.286	.146	.816	-.038
166	113	-.245	.065	.015	-.526	178	417	-.384	.196	.386	-1.290	184	345	.207	.139	.729	-.233
166	157	-.231	.068	-.006	-.680	178	425	-.263	.040	-.071	-.535	184	346	.214	.127	.679	-.160
166	417	-.510	.148	-.067	-1.776	178	438	-.310	.041	-.193	-.469	184	356	.101	.106	.701	-.242
166	425	-.267	.052	-.100	-.676	178	454	-.235	.251	.398	-1.568	184	357	-.021	.057	.232	-.259
166	438	-.263	.037	-.126	-.397	178	455	-.287	.235	.477	-1.336	184	417	-.288	.203	.483	-1.193
166	454	-.481	.277	.221	-1.602	180	112	-.292	.090	-.060	-1.168	184	425	-.260	.048	-.020	-.413
166	455	-.540	.226	.324	-1.540	180	113	-.290	.084	-.063	-1.035	184	438	-.314	.042	-.162	-.461





WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CFRMS	CPMAX	CPMIN
202	336	.239	.194	.566	-1.119	212	336	.422	.135	.135	-1.124	222	336	.422	.118	.137	-1.029
202	337	.238	.201	.470	-1.132	212	337	.425	.132	.002	-1.001	222	337	.419	.110	.027	-.866
202	345	.203	.279	.768	-1.376	212	345	.432	.167	.096	-1.173	222	345	.436	.152	.044	-1.174
202	346	.189	.291	.727	-1.618	212	346	.425	.182	.117	-1.154	222	346	.454	.172	.104	-1.637
202	356	.154	.268	.534	-1.504	212	356	.422	.180	.104	-1.604	222	356	.410	.163	.013	-1.125
202	357	.187	.224	.255	-1.582	212	357	.390	.198	.041	-1.399	222	357	.365	.188	.004	-1.308
204	236	.385	.110	.031	-.937	214	236	.442	.099	.157	-.977	224	236	.401	.092	.171	-.920
204	244	.304	.055	.127	-.564	214	244	.281	.047	.125	-.462	224	244	.244	.042	.083	-.455
204	312	.297	.159	.341	-.985	214	312	.487	.218	.274	-1.772	224	312	.487	.157	.216	-1.415
204	313	.303	.167	.405	-.956	214	313	.428	.211	.374	-1.277	224	313	.481	.175	.162	-1.358
204	336	.239	.205	.581	-.922	214	336	.419	.135	.136	-1.164	224	336	.434	.114	.011	-.941
204	337	.247	.203	.469	-.920	214	337	.418	.133	.116	-.974	224	337	.447	.106	.033	-1.052
204	345	.220	.281	.628	-1.471	214	345	.443	.171	.260	-1.171	224	345	.480	.152	.017	-1.260
204	346	.222	.288	.686	-1.462	214	346	.446	.186	.201	-1.425	224	346	.490	.185	.134	-1.574
204	356	.183	.271	.491	-1.335	214	356	.453	.192	.077	-1.363	224	356	.468	.173	.060	-1.320
204	357	.169	.212	.271	-1.354	214	357	.443	.222	.083	-1.651	224	357	.433	.188	.036	-1.365
206	236	.366	.113	.029	-.955	216	236	.410	.093	.126	-.932	226	236	.372	.079	.182	-.796
206	244	.290	.050	.141	-.586	216	244	.274	.047	.029	-.554	226	244	.239	.042	.109	-.496
206	312	.287	.149	.435	-1.304	216	312	.443	.204	.321	-1.432	226	312	.508	.159	.008	-1.184
206	313	.286	.158	.373	-1.007	216	313	.435	.202	.390	-1.444	226	313	.496	.162	.217	-1.450
206	336	.250	.186	.446	-.886	216	336	.395	.122	.139	-.893	226	336	.446	.112	.072	-1.278
206	337	.257	.203	.434	-.915	216	337	.414	.118	.034	-.934	226	337	.455	.100	.008	-.956
206	345	.235	.290	.659	-1.811	216	345	.453	.174	.378	-1.285	226	345	.496	.148	.048	-1.273
206	346	.299	.299	.760	-1.671	216	346	.438	.165	.127	-1.203	226	346	.510	.160	.040	-1.322
206	356	.192	.281	.534	-1.371	216	356	.471	.203	.224	-1.528	226	356	.496	.169	.063	-1.374
206	357	.181	.217	.195	-1.427	216	357	.446	.217	.063	-1.708	226	357	.472	.198	.040	-1.403
208	236	.360	.110	.003	-.900	218	236	.386	.095	.102	-.901	228	236	.350	.074	.132	-.689
208	244	.288	.052	.122	-.754	218	244	.260	.043	.098	-.466	228	244	.223	.038	.092	-.499
208	312	.270	.160	.471	-1.022	218	312	.421	.183	.451	-1.291	228	312	.514	.153	.139	-1.260
208	313	.255	.166	.535	-.961	218	313	.408	.183	.333	-1.110	228	313	.509	.158	.074	-1.347
208	336	.240	.195	.557	-.914	218	336	.379	.115	.097	-.832	228	336	.463	.107	.177	-1.000
208	337	.218	.198	.422	-.995	218	337	.391	.107	.004	-.795	228	337	.473	.101	.135	-.871
208	345	.204	.273	.557	-1.731	218	345	.440	.158	.107	-1.114	228	345	.535	.147	.131	-1.338
208	346	.172	.273	.676	-1.449	218	346	.439	.175	.327	-1.254	228	346	.531	.143	.070	-1.198
208	356	.147	.253	.569	-1.329	218	356	.465	.191	.126	-1.598	228	356	.569	.175	.108	-1.460
208	357	.168	.198	.154	-1.456	218	357	.434	.208	.104	-1.670	228	357	.530	.190	.041	-1.366
210	236	.480	.110	.190	-.956	220	236	.465	.091	.163	-.931	230	236	.369	.071	.175	-.866
210	244	.303	.047	.127	-.535	220	244	.277	.044	.104	-.478	230	244	.239	.039	.105	-.479
210	312	.517	.240	.355	-1.565	220	312	.495	.194	.197	-1.626	230	312	.481	.135	.010	-1.212
210	313	.448	.219	.173	-1.374	220	313	.439	.195	.276	-1.420	230	313	.472	.134	.039	-1.212
210	336	.427	.150	.085	-1.349	220	336	.413	.125	.123	-1.103	230	336	.449	.110	.124	-1.367
210	337	.429	.148	.020	-1.047	220	337	.426	.126	.093	-.943	230	337	.457	.106	.004	-.885
210	345	.412	.179	.155	-1.398	220	345	.423	.161	.080	-1.504	230	345	.496	.169	.025	-1.639
210	346	.422	.193	.285	-1.524	220	346	.434	.184	.042	-1.323	230	346	.502	.169	.052	-1.489
210	356	.394	.193	.257	-1.377	220	356	.399	.176	.013	-1.384	230	356	.443	.195	.001	-1.629
210	357	.366	.199	.032	-1.408	220	357	.343	.189	.007	-1.362	230	357	.412	.196	.018	-1.368
212	236	.456	.099	.142	-.971	222	236	.419	.089	.212	-.845	240	236	.296	.056	.143	-.568
212	244	.285	.050	.089	-.721	222	244	.260	.043	.115	-.442	240	244	.211	.034	.099	-.399
212	312	.505	.219	.089	-1.562	222	312	.490	.175	.241	-1.545	240	312	.443	.114	.140	-1.153
212	313	.443	.210	.385	-1.498	222	313	.449	.173	.092	-1.248	240	313	.453	.108	.157	-.983







