

WIND-TUNNEL STUDY OF  
ONE READING CENTER, PHILADELPHIA

by

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

for

One Reading Center Associates  
through CLA/BLT  
One North Twelfth Street  
Philadelphia, Pennsylvania 19107

Fluid Mechanics and Wind Engineering Program  
Fluid Dynamics and Diffusion Laboratory  
Department of Civil Engineering  
Colorado State University  
Fort Collins, Colorado 80523

CSU Project 2-95290

January 1983

\*Associate Professor

\*\*Professor-in-Charge, Fluid Mechanics and  
Wind Engineering Program

CER82-83JAP-JEC29

# TABLE OF CONTENTS

<u>Chapter</u>		<u>Page</u>
	LIST OF FIGURES . . . . .	ii
	LIST OF TABLES . . . . .	iii
	LIST OF SYMBOLS . . . . .	iv
1	INTRODUCTION . . . . .	1
	1.1 General . . . . .	1
	1.2 The Wind-Tunnel Test . . . . .	2
2	EXPERIMENTAL CONFIGURATION . . . . .	5
	2.1 Wind Tunnel . . . . .	5
	2.2 Model . . . . .	5
3	INSTRUMENTATION AND DATA ACQUISITION . . . . .	8
	3.1 Flow Visualization . . . . .	8
	3.2 Pressures . . . . .	8
	3.3 Velocity . . . . .	10
4	RESULTS . . . . .	12
	4.1 Flow Visualization . . . . .	12
	4.2 Velocity . . . . .	12
	4.3 Pressures . . . . .	15
	4.4 Forces and Moments . . . . .	19
5	DISCUSSION . . . . .	21
	5.1 Flow Visualization . . . . .	21
	5.2 Pedestrian Winds . . . . .	21
	5.3 Pressures . . . . .	23
	REFERENCES . . . . .	24
	FIGURES . . . . .	25
	TABLES . . . . .	68
	APPENDIX A . . . . .	161

## LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	Fluid Dynamics and Diffusion Laboratory . . . . .	26
2	Wind-Tunnel Configuration . . . . .	27
3	Pressure Tap Locations . . . . .	28
4	Building Location and Pedestrian Wind Velocity Measuring Positions . . . . .	38
5	Completed Model in Wind Tunnel . . . . .	39
6	Data Sampling Time Verification . . . . .	41
7	Mean Velocity and Turbulence Profiles approaching the Model . . . . .	42
8	Mean Velocities and Turbulence Intensities at Pedestrian Locations . . . . .	43
9	Wind-Velocity Probabilities for Pedestrian Locations . . . . .	53
10	Peak-Pressure Contours on the Building for Cladding Loads . . . . .	57
11	Load, Shear, and Moment Diagrams for Selected Wind Directions . . . . .	66

## LIST OF TABLES

<u>Table</u>		<u>Page</u>
1	Motion Picture Scene Guide . . . . .	69
2	Pedestrian Wind Velocities and Turbulence Intensities . . . . .	70
3	Annual Percentage Frequencies of Wind Direction and Speed . . . . .	76
4	Summary of Wind Effects on People . . . . .	77
5	Calculation of Reference Pressure . . . . .	78
6	Maximum Pressure Coefficients and Loads in PSF . . .	79
7	Loads, Shears, and Moments for each Wind Direction .	87



# 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, $\frac{F_y}{A_R 0.5\rho U_{\infty}^2}$

## 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  $U_{rms}$  (root-mean-square velocity) was obtained from

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

where  $E_{rms}$  is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements for pedestrian winds were divided by the mean velocity outside the boundary-layer  $U_{\infty}$ . 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 patterns identified with smoke showed that the largest pressures should be found near corners of the structure, particularly near setbacks where vertical lines of the building are interrupted. These higher pressures are due to flow separation phenomena at the corners and vortex formation at setbacks. These flow phenomena produce negative (outward-acting) pressures of higher magnitude than are usually found near the centers of the sides.

Wind speeds in pedestrian areas at street level appeared to be moderate except at the corner of Market and North 11th Street where high winds were observed for some wind directions. Winds on the balcony areas appeared to vary from relative calm on the lowest setback on Market Street and the balcony centered on the building on North 11th Street to fairly windy for some wind directions on balconies near the top of the building. A number of pedestrian locations were selected on balconies to quantitatively assess winds in those areas.

### 5.2 Pedestrian Winds

Figure 4 shows the 19 locations selected for investigation of pedestrian wind comfort. Locations 1 and 2 were selected as reference locations which should be reasonably undisturbed by presence of the One Reading Center building. All velocity data were obtained without the two proposed east towers of the Gallery II project in place. Table 2 and Figure 8 show that the largest values of mean velocity were measured at location 12 on an upper balcony and at reference location 1 with values of 70 and 68 percent respectively of the mean velocity,  $U_{\infty}$ , at the boundary-layer height. Location 1 had 4 of 16 measured wind directions with mean

velocity above 60 percent of  $U_{\infty}$  while location 12 had 2 such wind directions. For comparison, in an open-country environment, a mean wind speed of about 40 to 45 percent might be expected.

The largest values of fluctuating velocity,  $U_{rms}$ , were measured at location 14 on the roof with values ranging from 22 to 24 percent of  $U_{\infty}$  for 3 wind directions. These values are not unusual in an urban environment. For comparison, the largest fluctuating velocity measured at reference locations 1 or 2 was 18 percent at location 1; in an open-country environment, the largest  $U_{rms}$  might be 10 to 12 percent of  $U_{\infty}$ . The largest values of peak gust, represented by the mean plus 3 rms as discussed in Section 4.2 were measured at locations 12 and 14 with values ranging from 119 to 130 percent of  $U_{\infty}$ . The largest peak gusts at reference locations 1 or 2 were less than 100 percent while an open-country environment might expect values of 75 to 85 percent of  $U_{\infty}$ .

Velocity data of Table 2 integrated with local wind data of Table 3 are shown in Figure 9. Based on the data of this figure, the windiest locations should be reference locations 1 and 2 and location 12, all of which lie close to the acceptance criteria curve for unacceptable winds for up to 10 to 20 percent of the time. Most other measured locations showed wind speeds considerably less windy than these windiest locations. Because the two reference locations had wind environments very similar to the worst location on or adjacent to the One Reading Center building, a direct measure of acceptability of the pedestrian environment on and adjacent to the building can be obtained by assessing the acceptability of the two existing street corners where reference locations 1 and 2 were established and comparing relative positions of data curves on Figure 9.



### 5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the building for each pressure tap location. All pressure data were obtained without the two proposed east towers of the Gallery II in place. Data identified as Configuration A in Table 6 and Appendix A represent data obtained at all pressure tap locations for 36 wind directions. Configuration B represents data obtained at selected taps at 2-degree azimuthal increments near azimuths where large pressure peaks were observed in Configuration A to ensure that the largest peaks were obtained. The largest peak pressures measured on the One Reading Center building were -91 and -95 psf obtained at two upper corners of the building at taps 111 and 419 where smoke visualization indicated a possibility for elevated pressures. The next highest pressure measured was -70 psf.

Figure 10 shows contour plots of peak negative (outward-acting) and peak positive (inward-acting) pressures on the building elevations. Most peak negative pressures were in the range of -30 to -60 psf. Elevated pressure zones associated with building setbacks are in evidence and are consistent with the observations from flow visualization. Most positive peak pressures were in the 10 to 30 psf range.

Where doors open onto balconies, a possible increase in cladding load can exist. If a door is left open on high-wind days, the positive or negative pressure which would otherwise act on the door is transmitted into the interior space to which the door is connected. This interior pressure can act to increase or decrease loading on cladding elements subjected to the interior pressure and to an exterior wind pressure. Where an increase in loading occurs, design load on cladding which is

selected to withstand external wind loads only can be developed at wind speeds well below the design wind speed. This fact should be taken into account in the design of the cladding or in operation of the building (for example, insuring that the doors are closed on high-wind days).

Figure 11 shows load, shear and moment distributions plotted from Table 7 for the largest base shears in the X and Y coordinate directions (see Figure 3 for coordinate system). For the case with the largest X shear at a wind azimuth of 340 degrees, the Y shear was of about the same size and only slightly less than its maximum magnitude. Torsional loads, shown in Table 7, were reasonably modest but were maximum near loading maxima in the X and Y direction.

#### REFERENCES

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

**FIGURES**

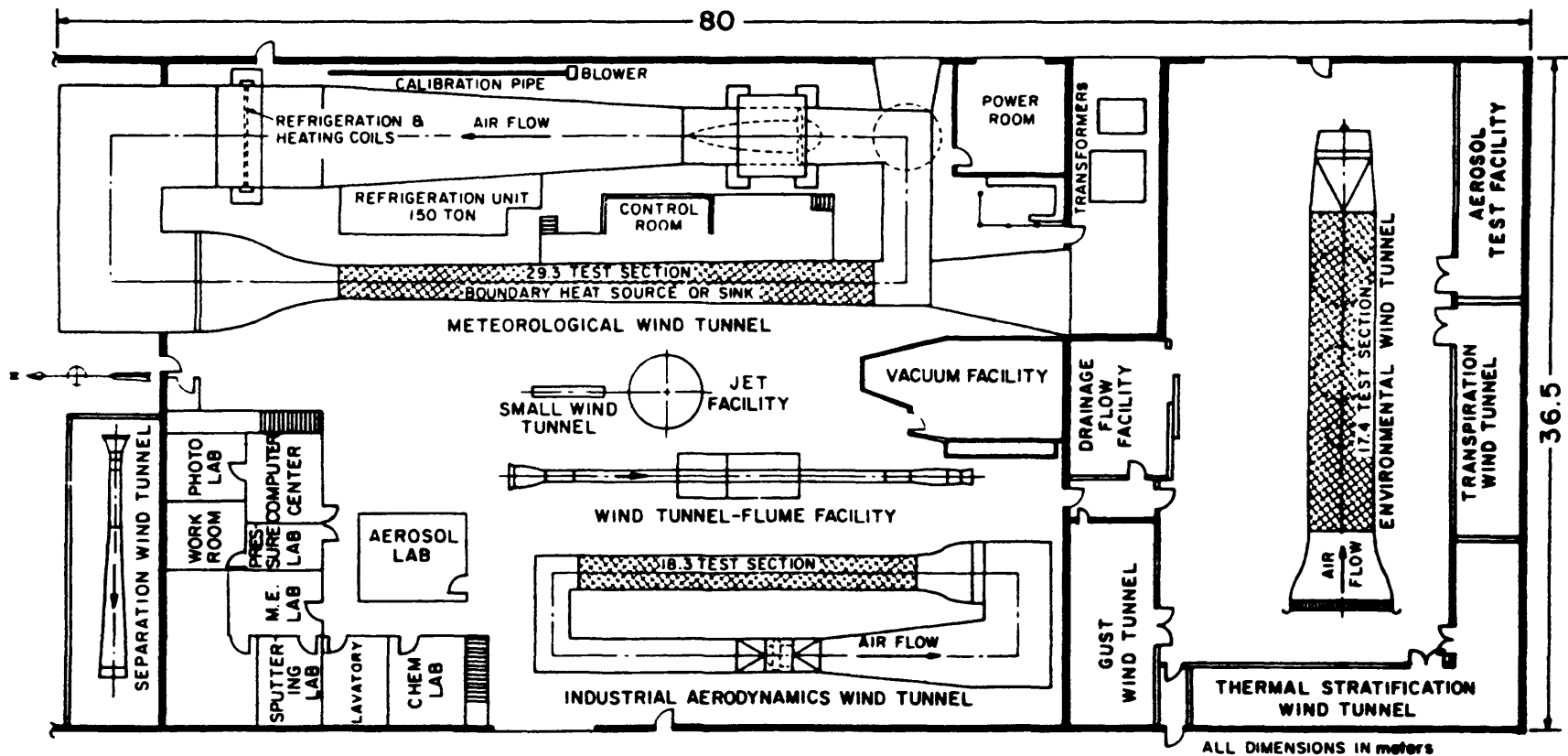
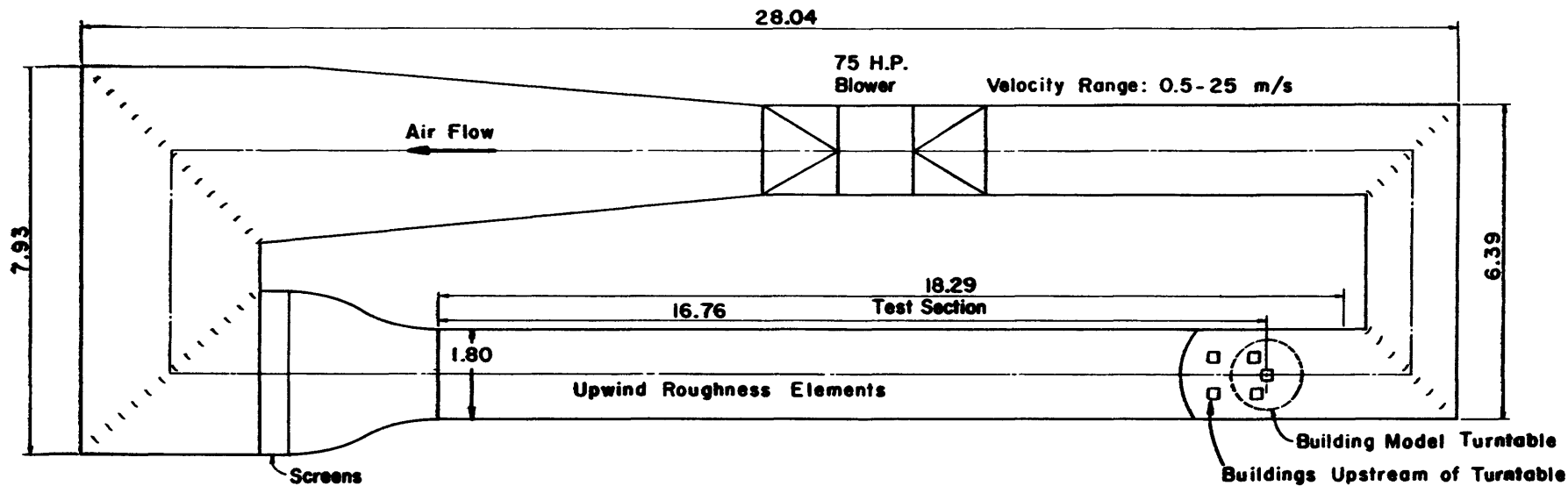
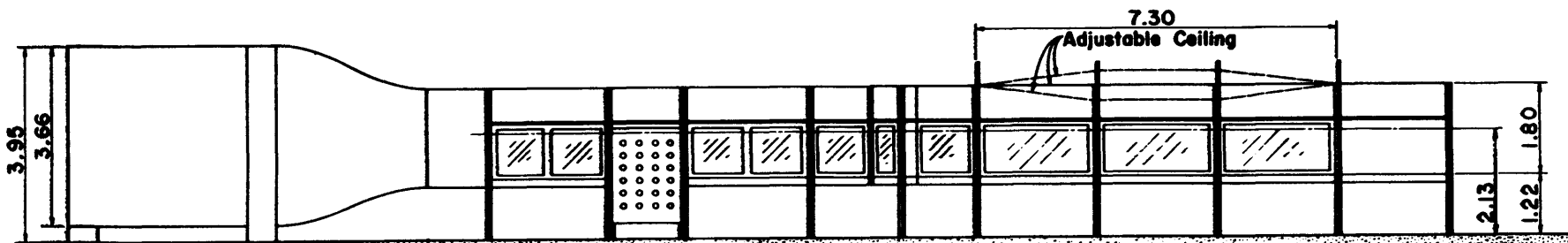
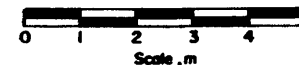


Figure 1. FLUID DYNAMICS AND DIFFUSION LABORATORY  
COLORADO STATE UNIVERSITY



PLAN

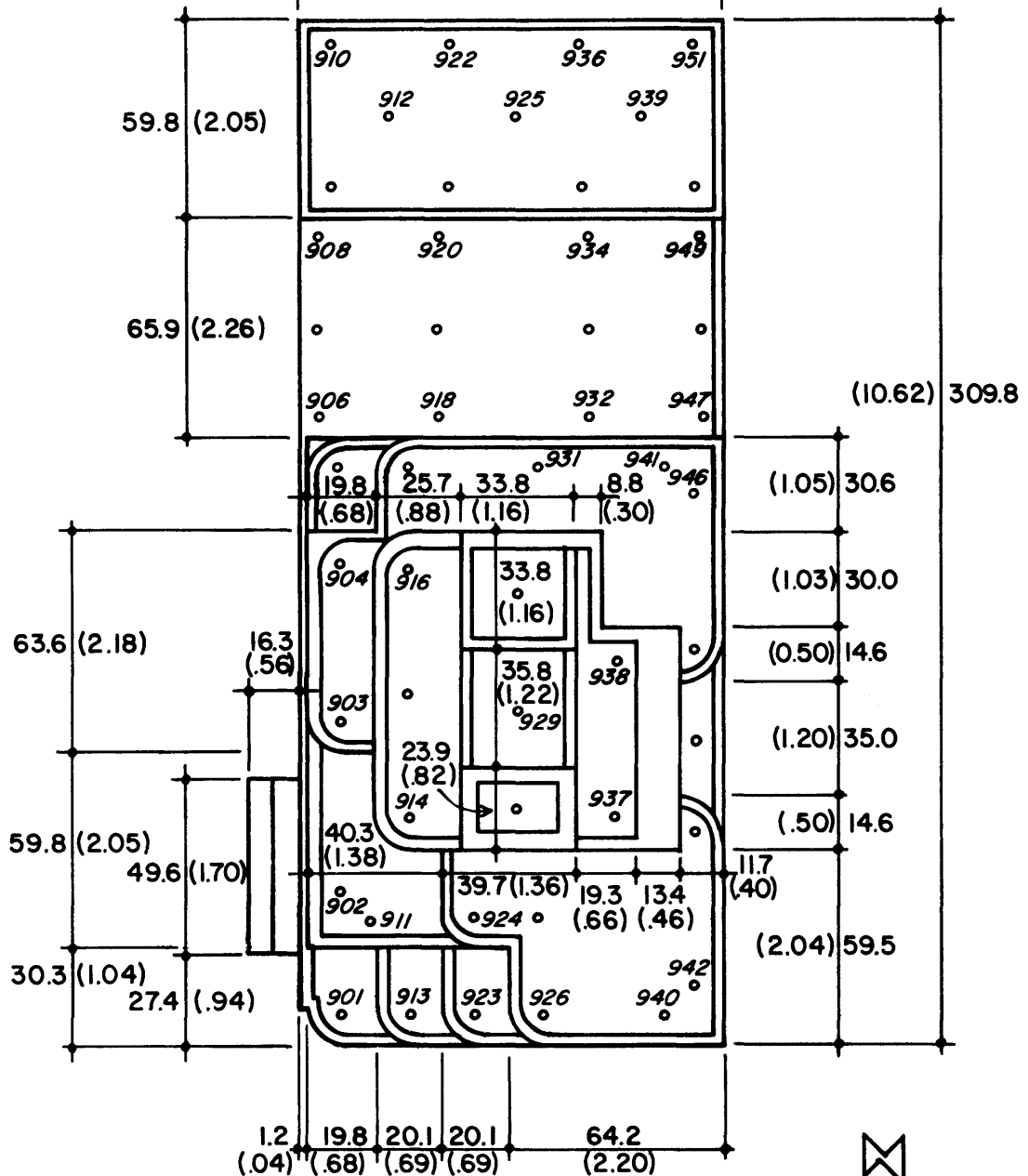


All Dimensions in m

ELEVATION

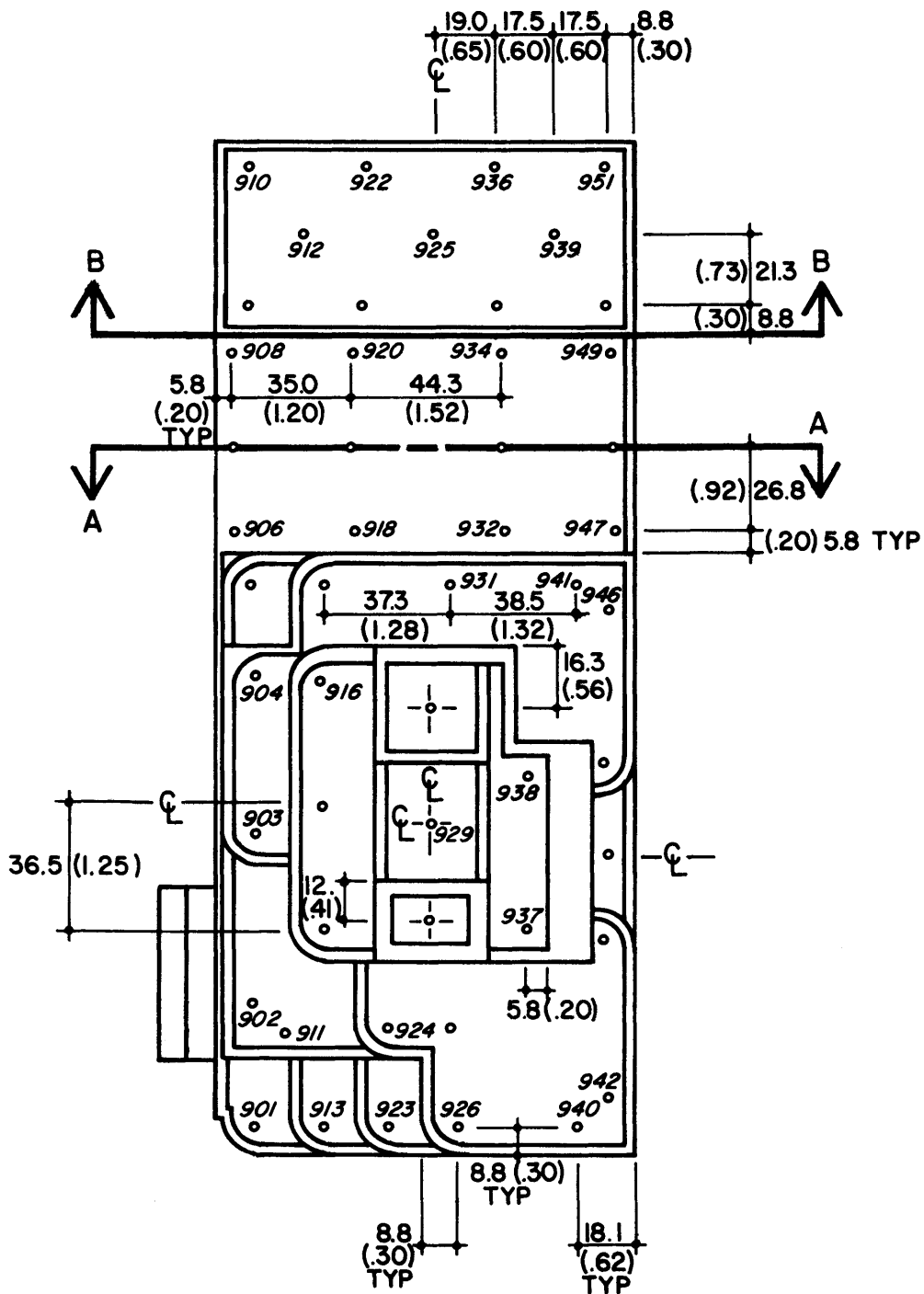
## INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration



**ROOF**  
(structural dimensions)  
Total taps = 476  
Model scale = 1/350  
Dimensions in model inches  
( ) and full scale feet

Figure 3a. Pressure Tap Locations



ROOF  
(tap dimensions)

Figure 3b. Pressure Tap Locations

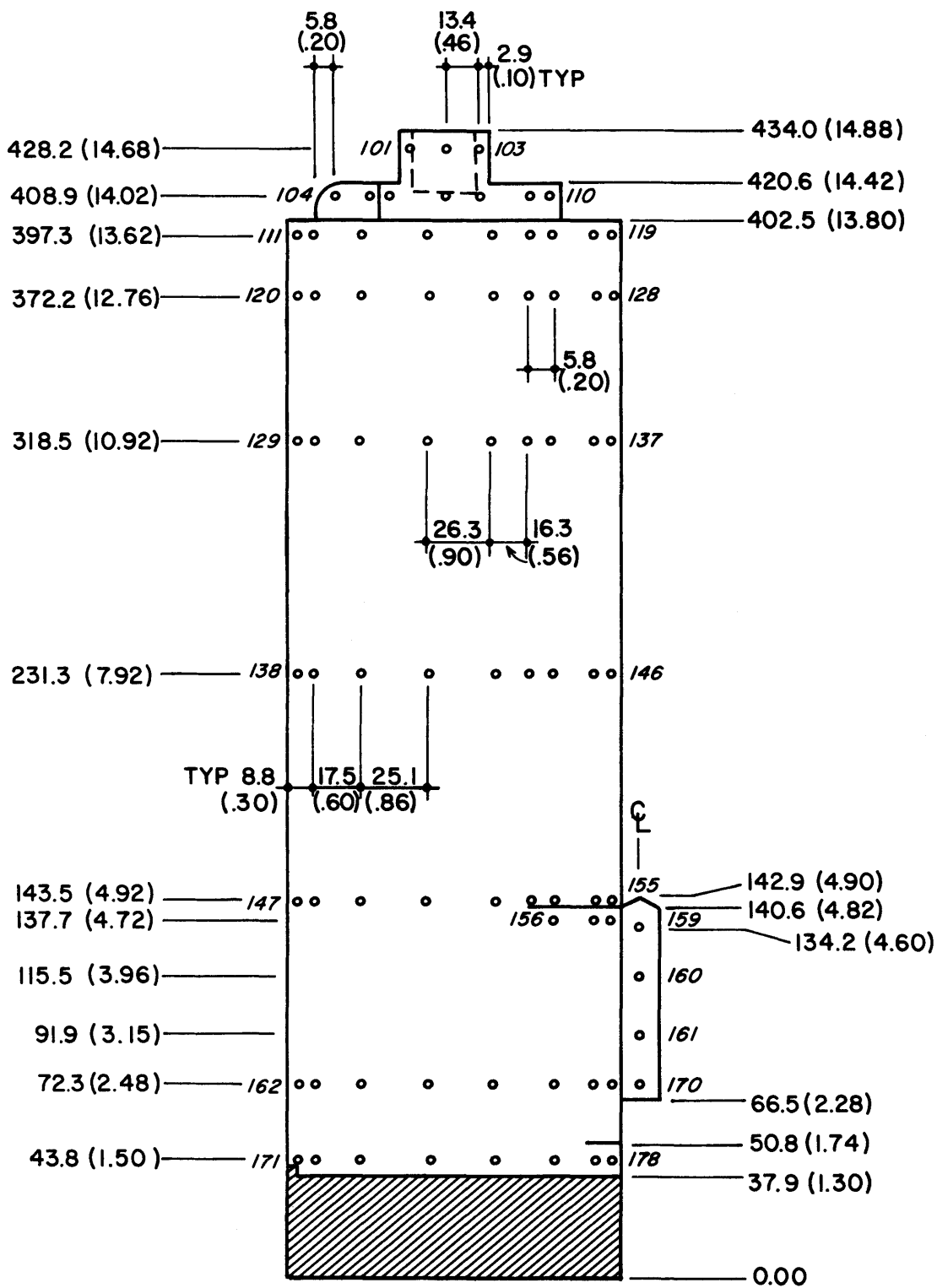
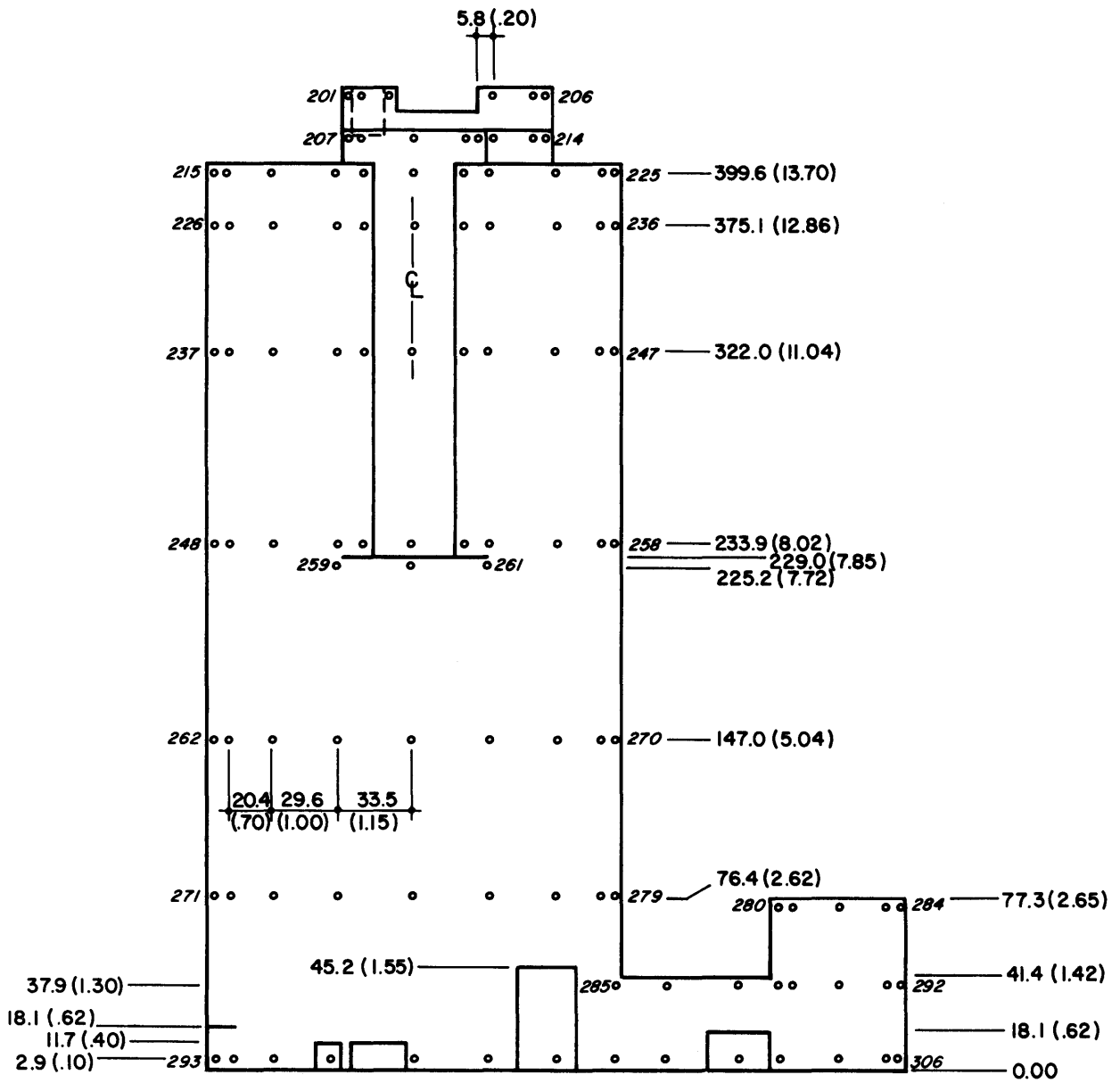


Figure 3c. Pressure Tap Locations





EAST

Figure 3d. Pressure Tap Locations

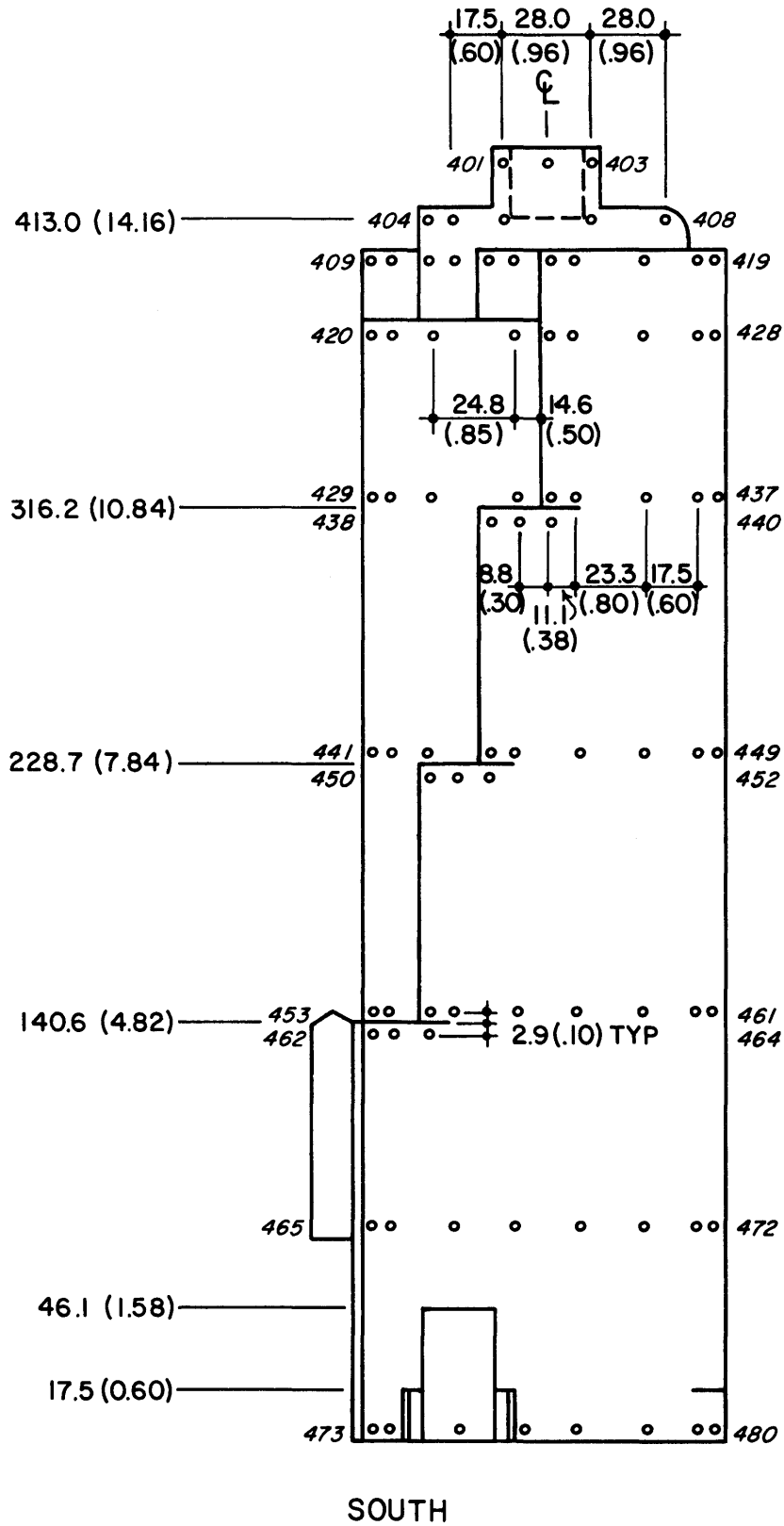


Figure 3e. Pressure Tap Locations

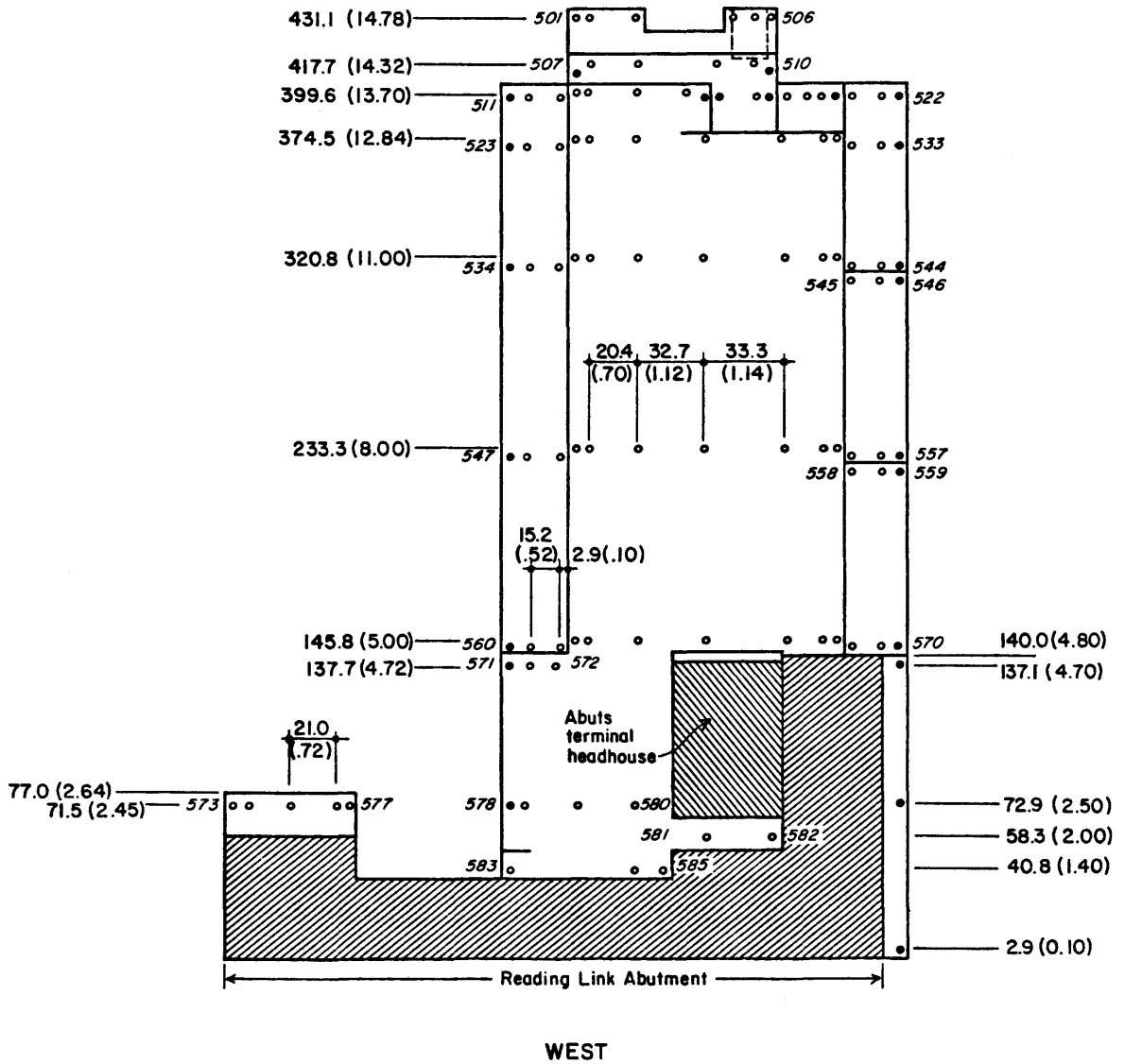
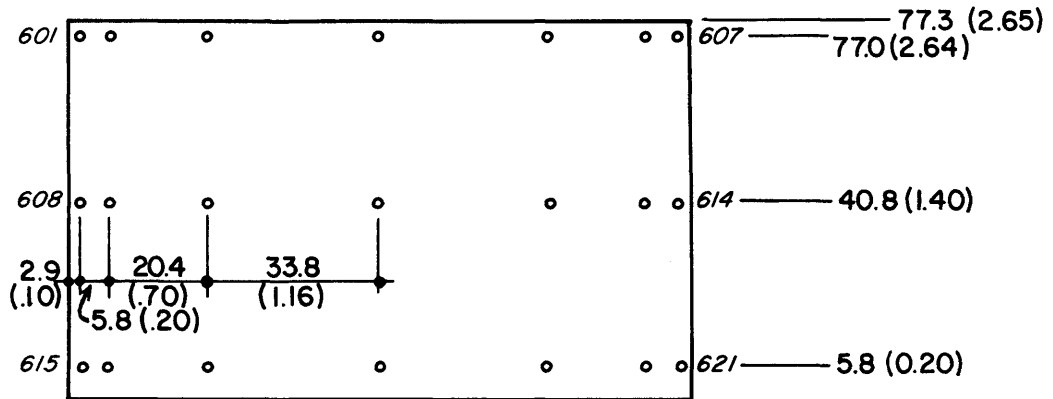
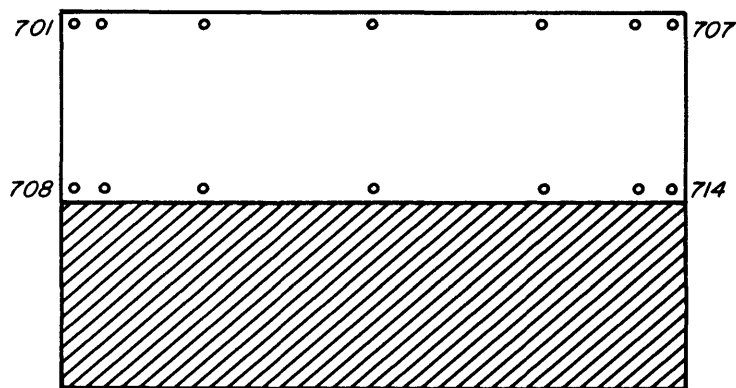


Figure 3f. Pressure Tap Locations



NORTH



SOUTH  
(Section B-B)

Figure 3g. Pressure Tap Locations

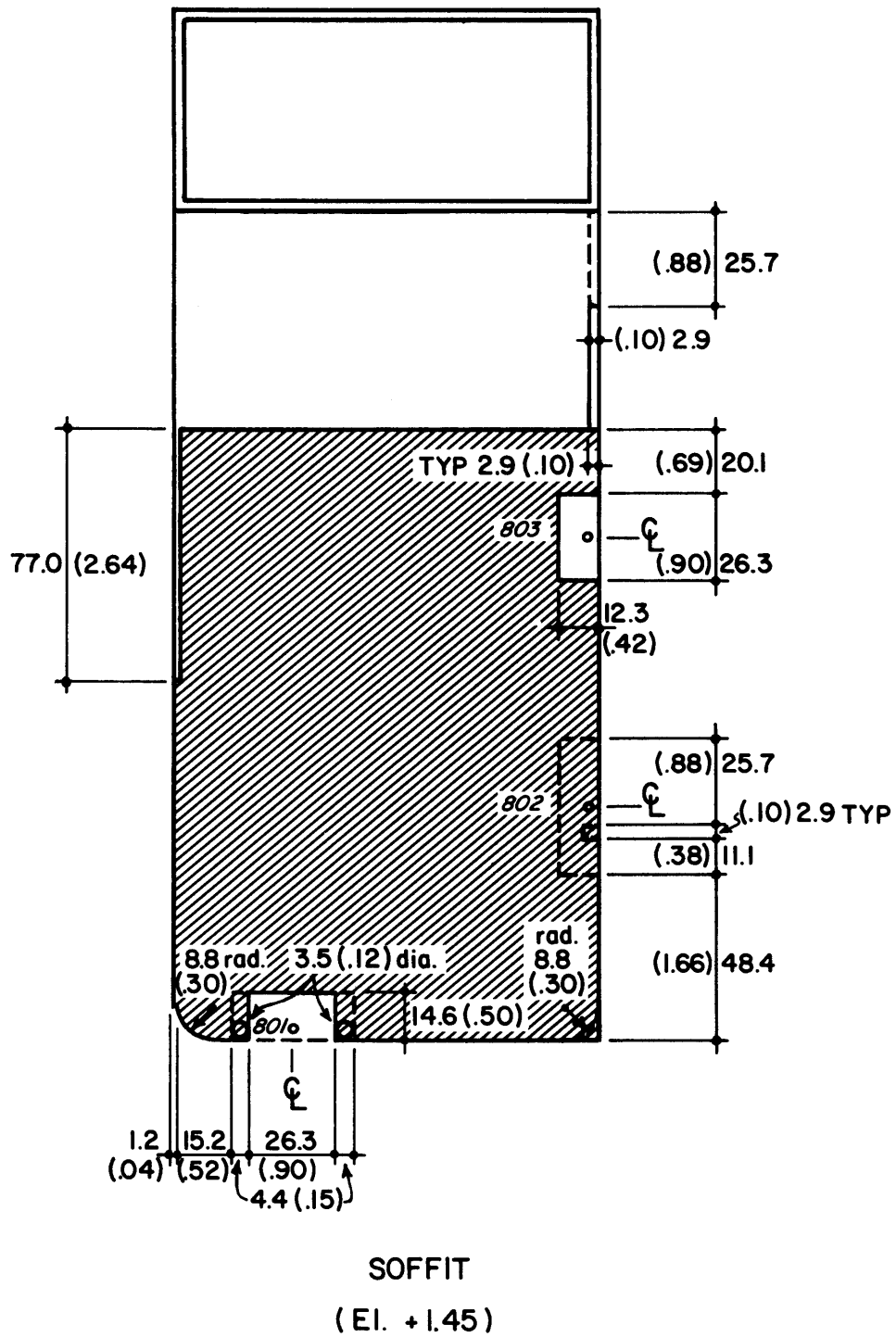


Figure 3h. Pressure Tap Locations

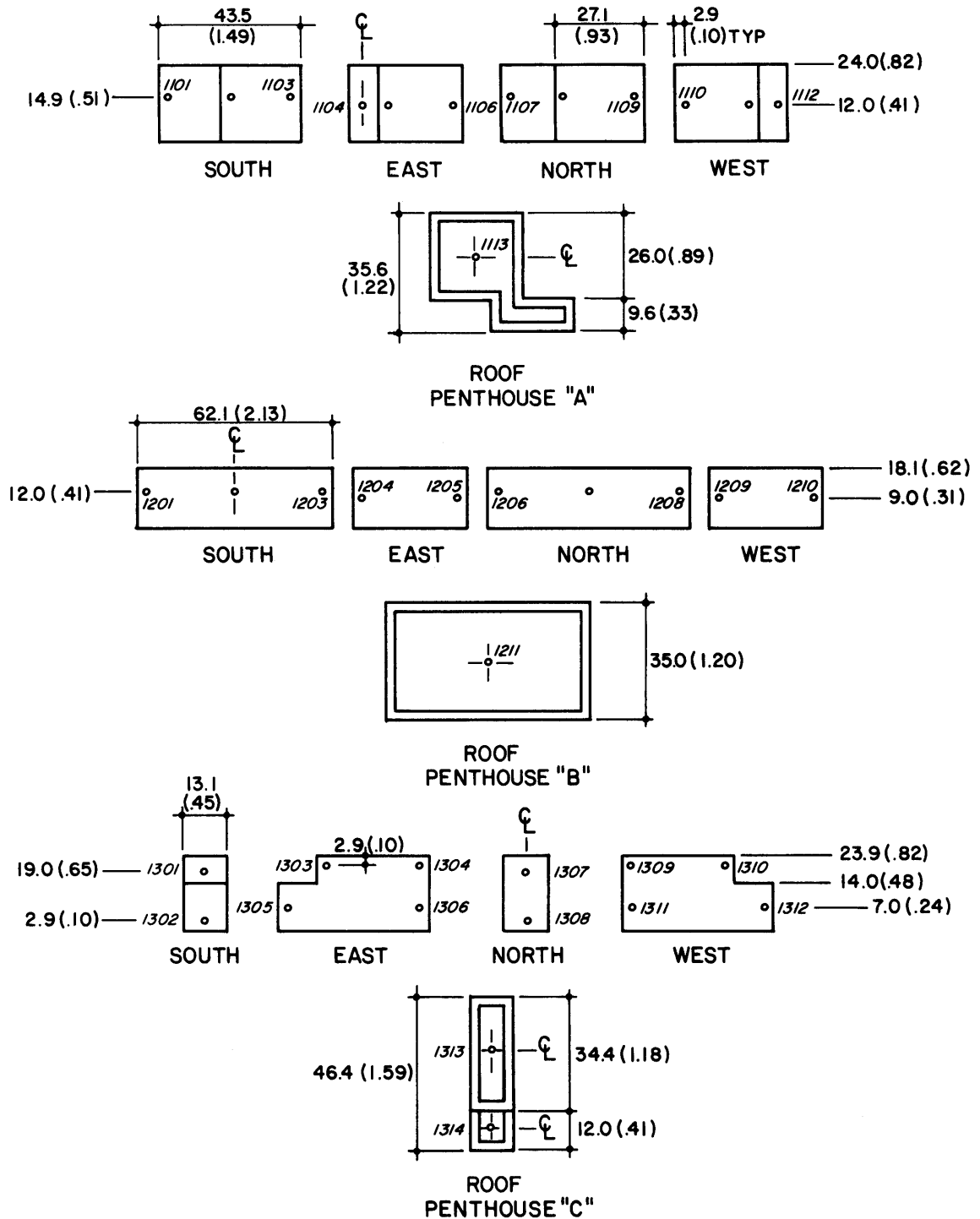
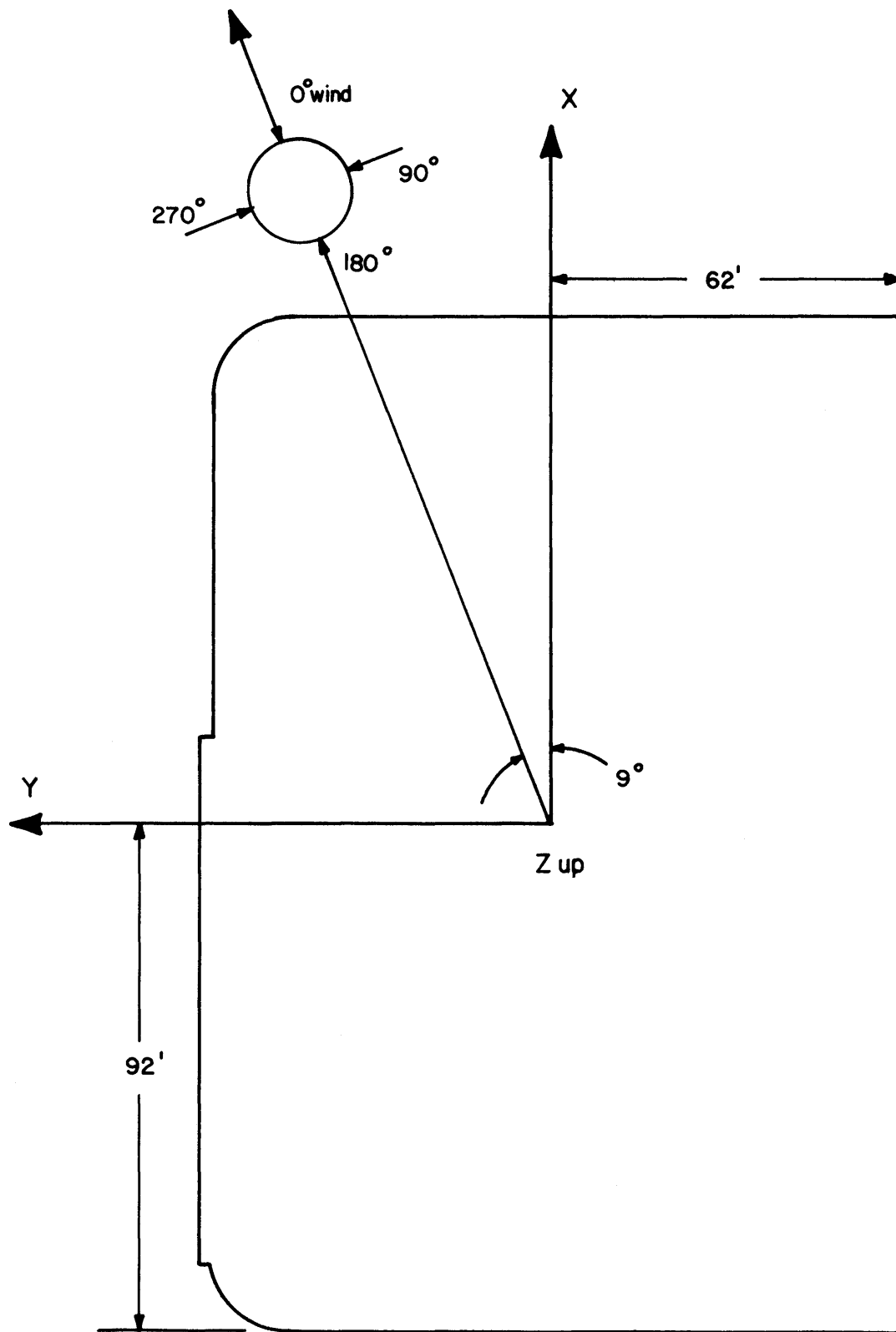


Figure 3i. Pressure Tap Locations



$Z = 0$  at elevation  $138.5'$

Figure 3j. Force and Moment Coordinate System

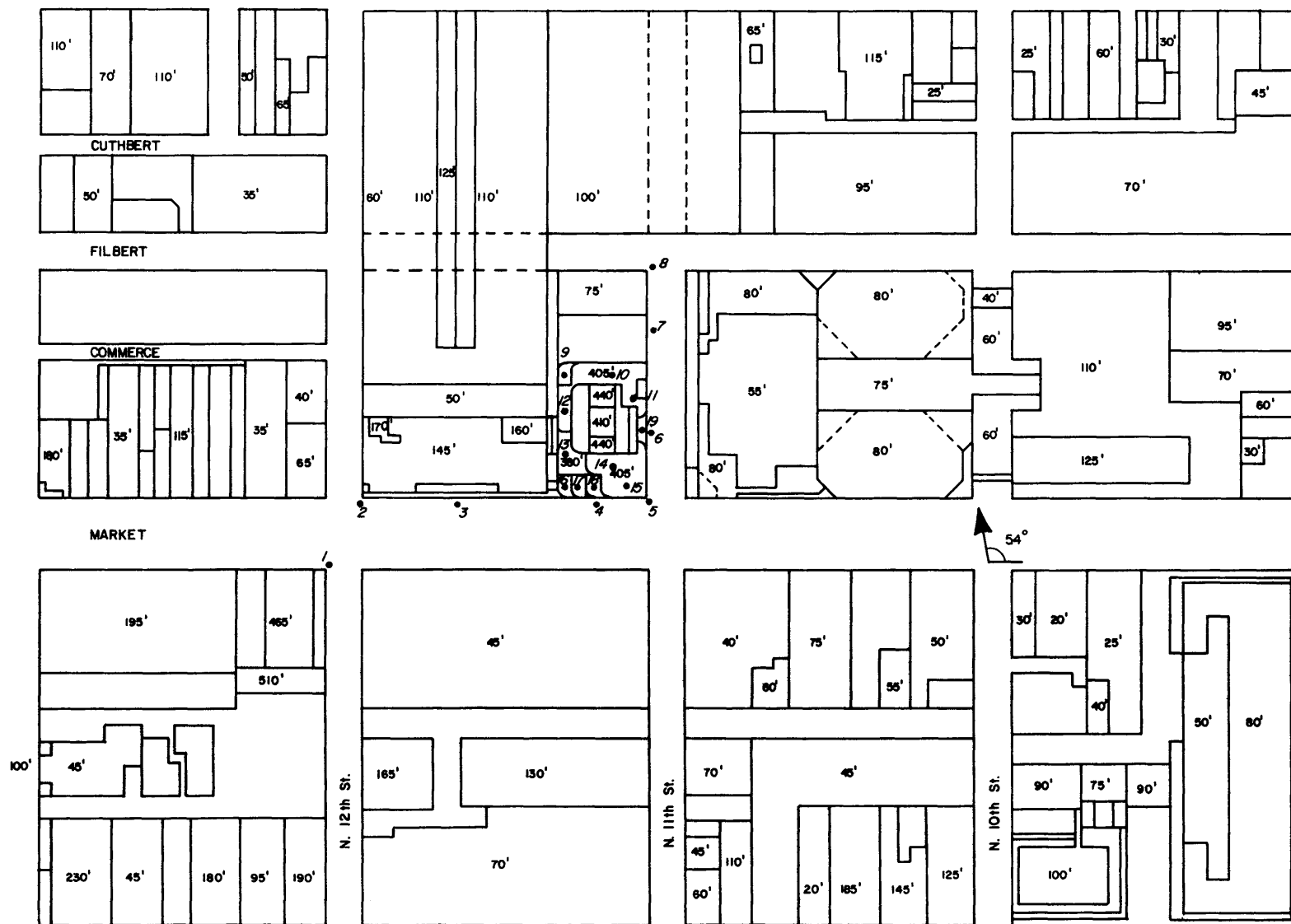


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions



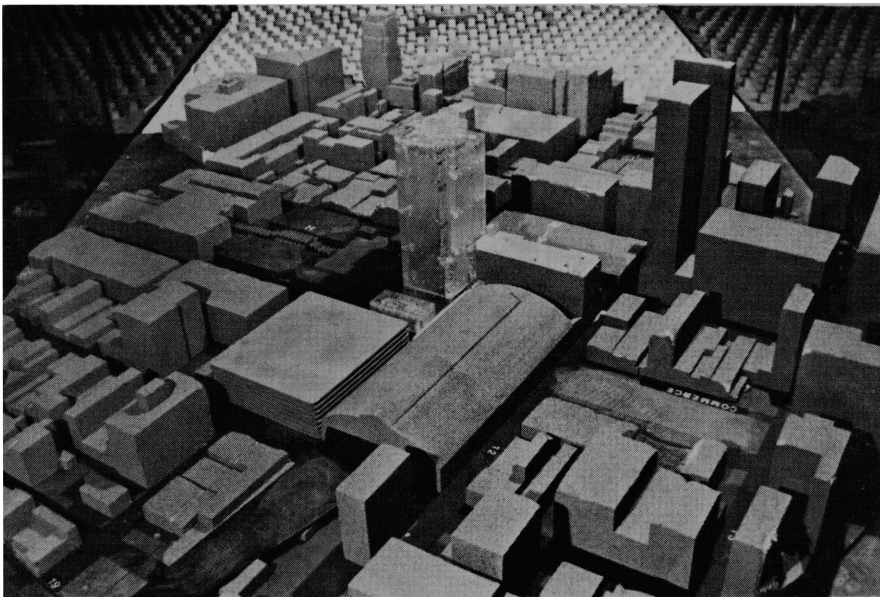
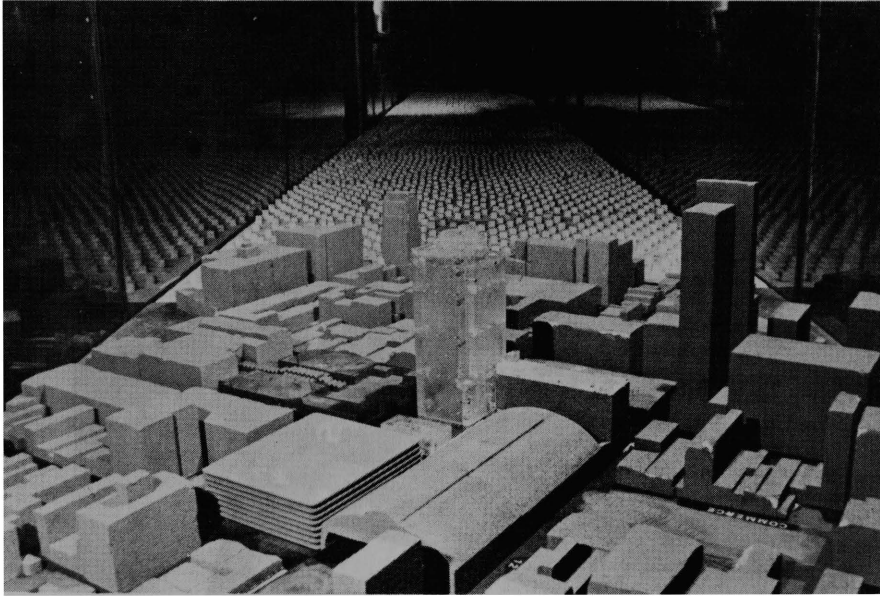


Figure 5. Completed Model in Wind Tunnel

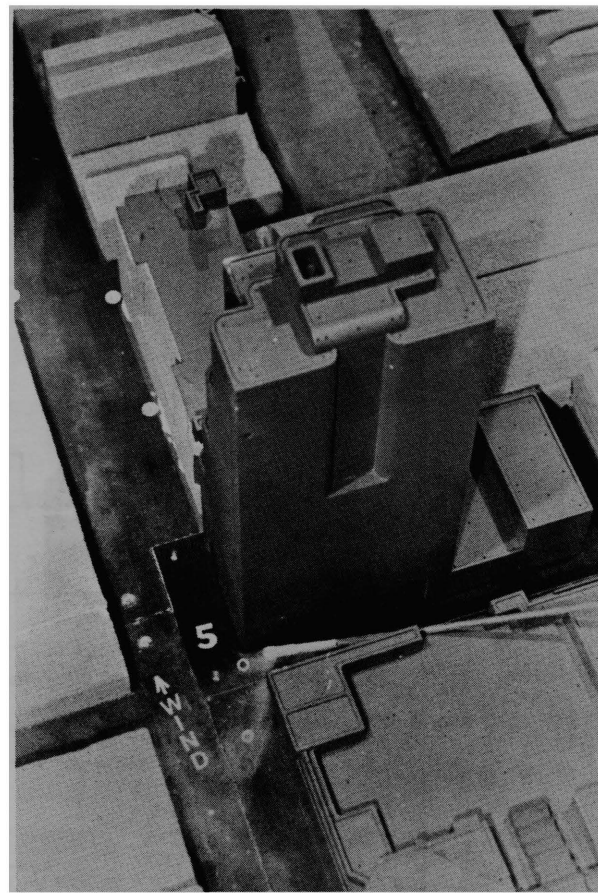
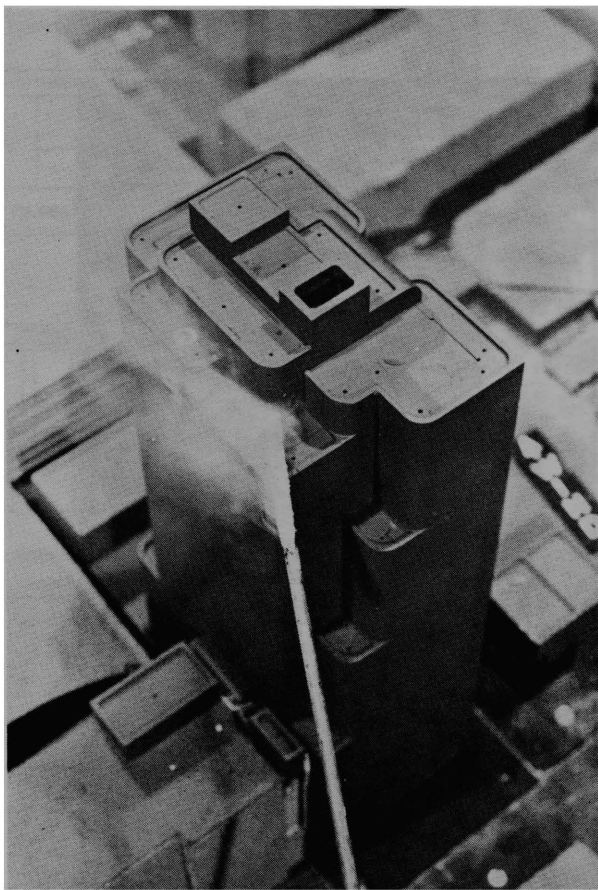


Figure 5. Completed Model in Wind Tunnel

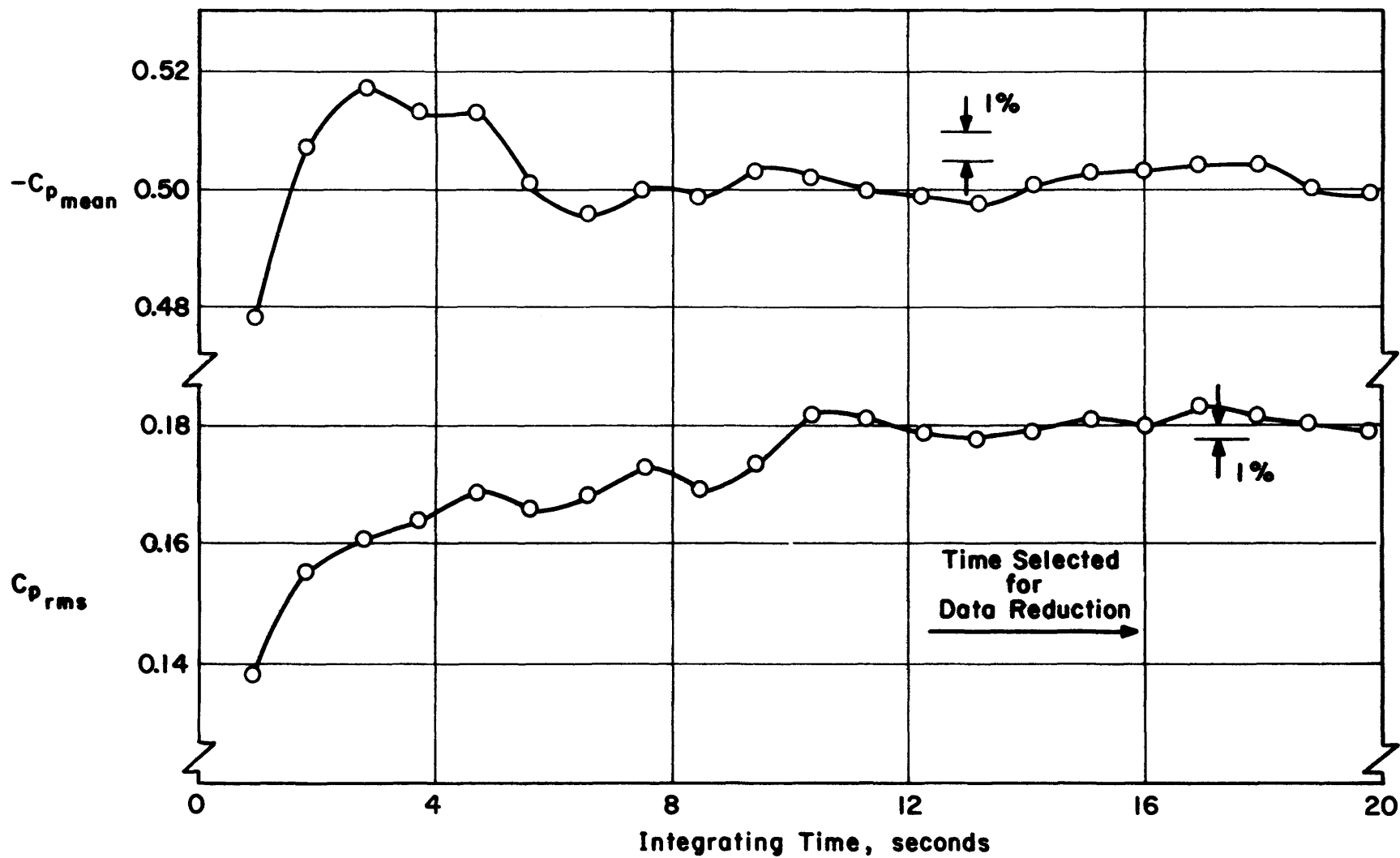


Figure 6. Data Sampling Time Verification

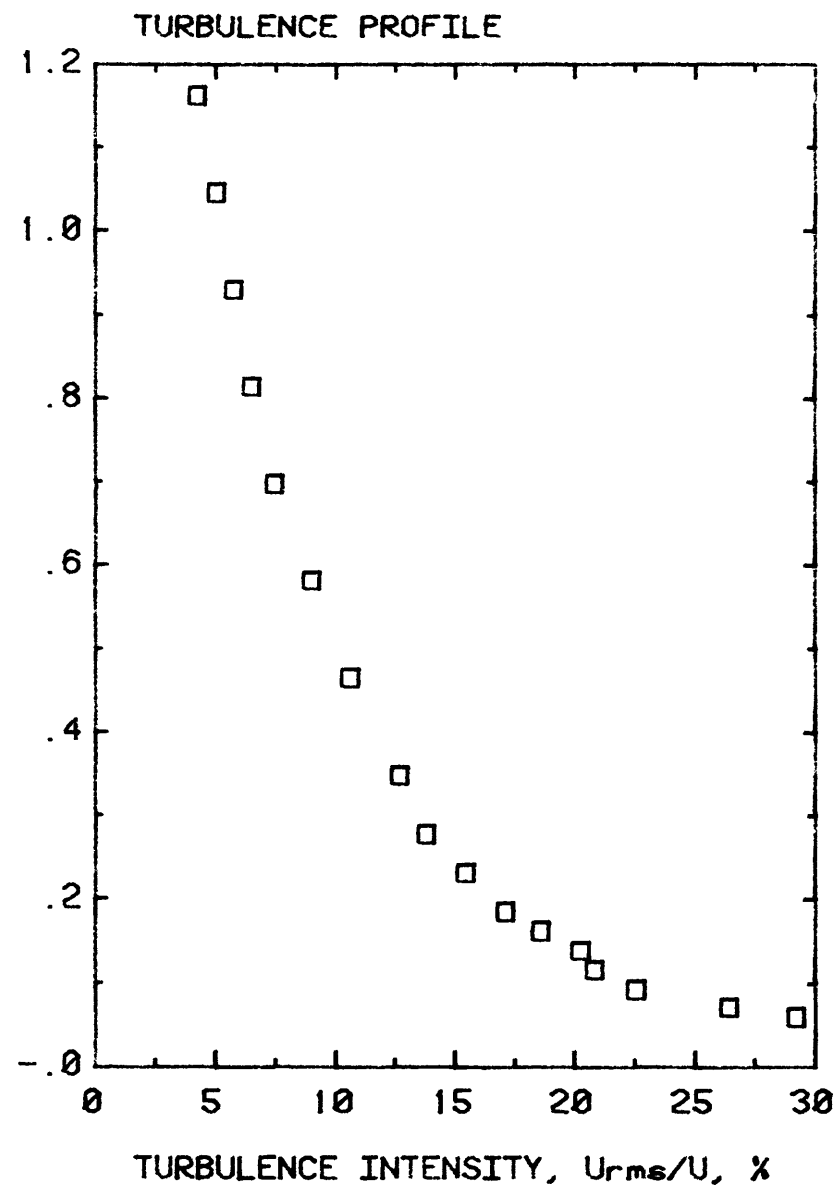
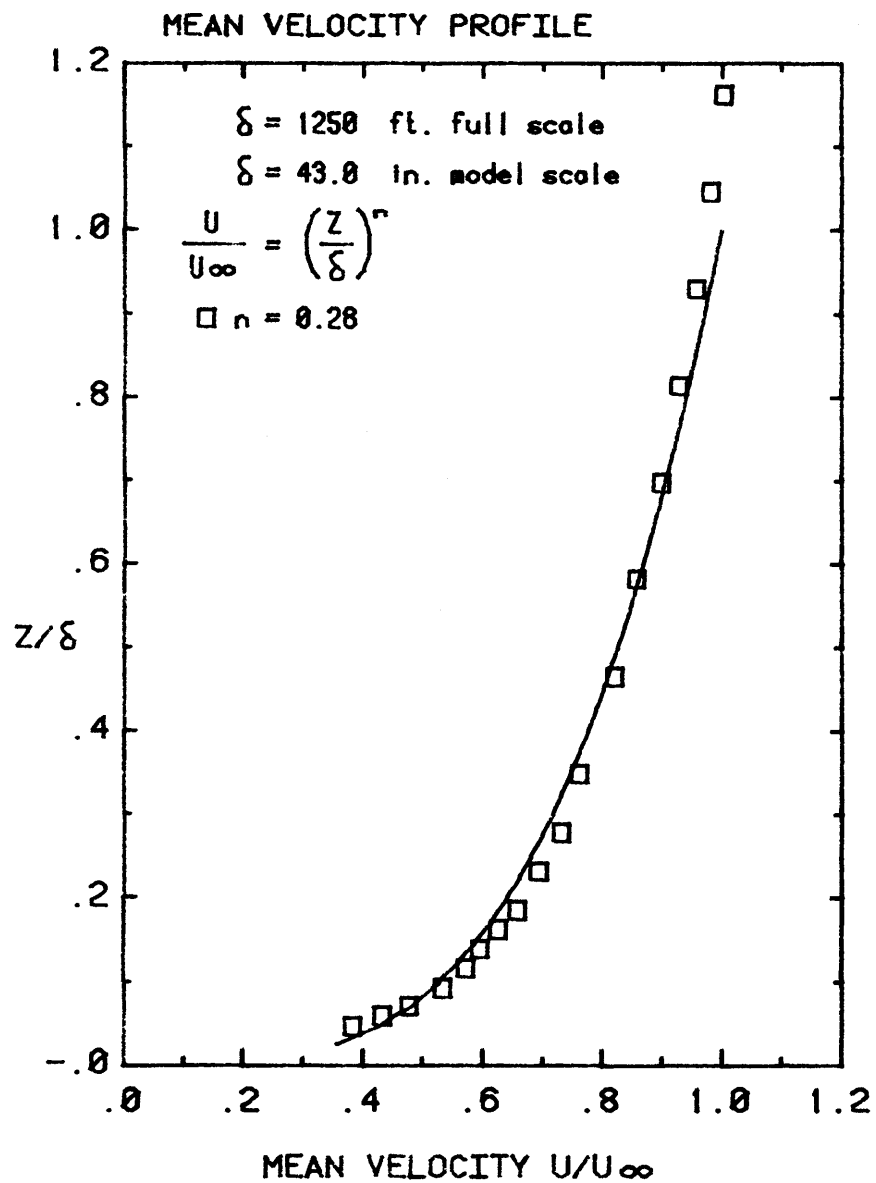


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

$\frac{U_{mean}}{U_{inf}}$  ———

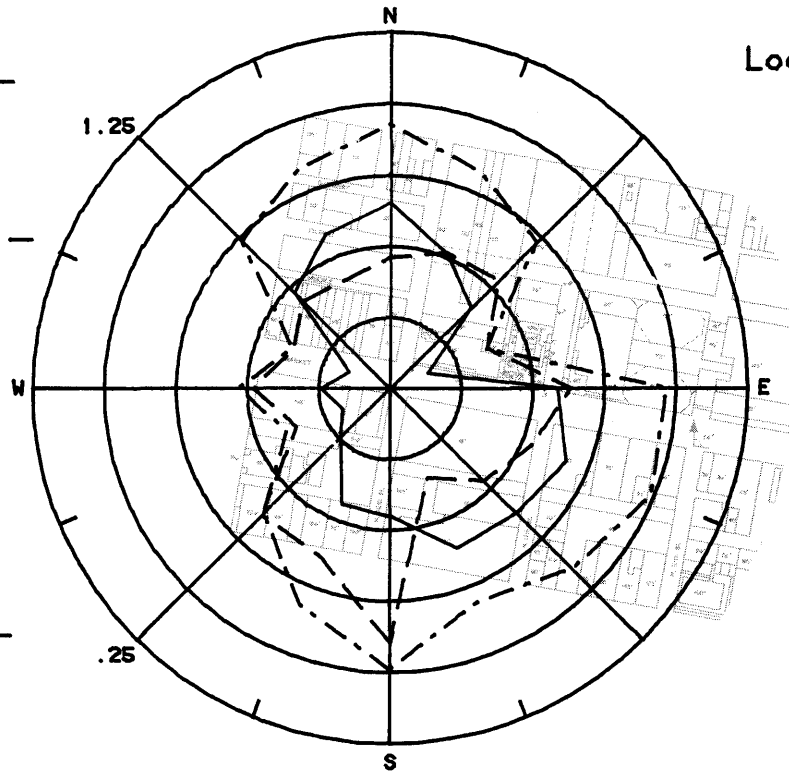
Location 1

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

.25/Div

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

.05/Div



$\frac{U_{mean}}{U_{inf}}$  ———

Location 2

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

.25/Div

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

.05/Div

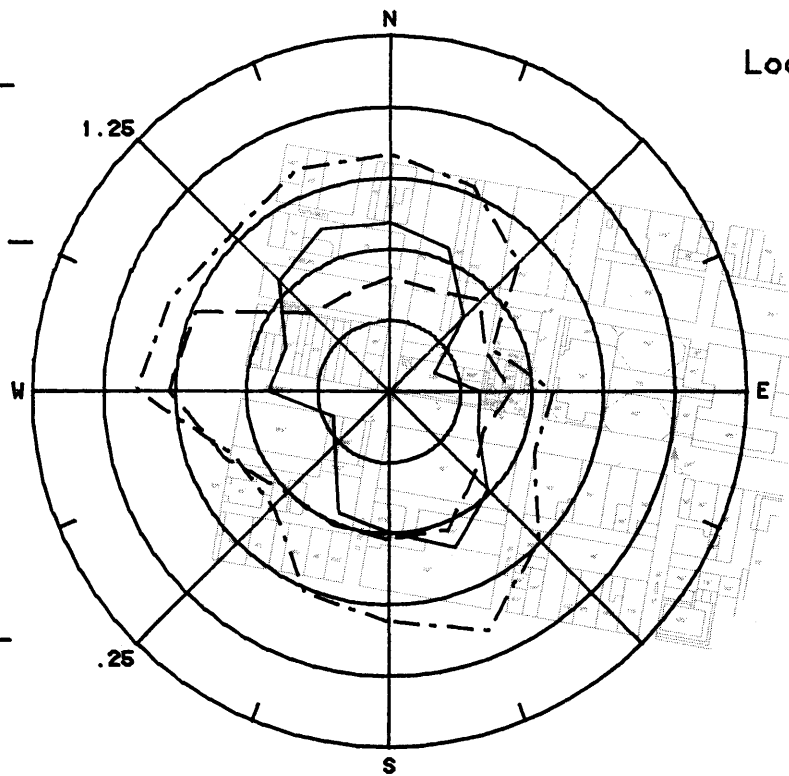


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

$\frac{U_{mean}}{U_{inf}}$  ———

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

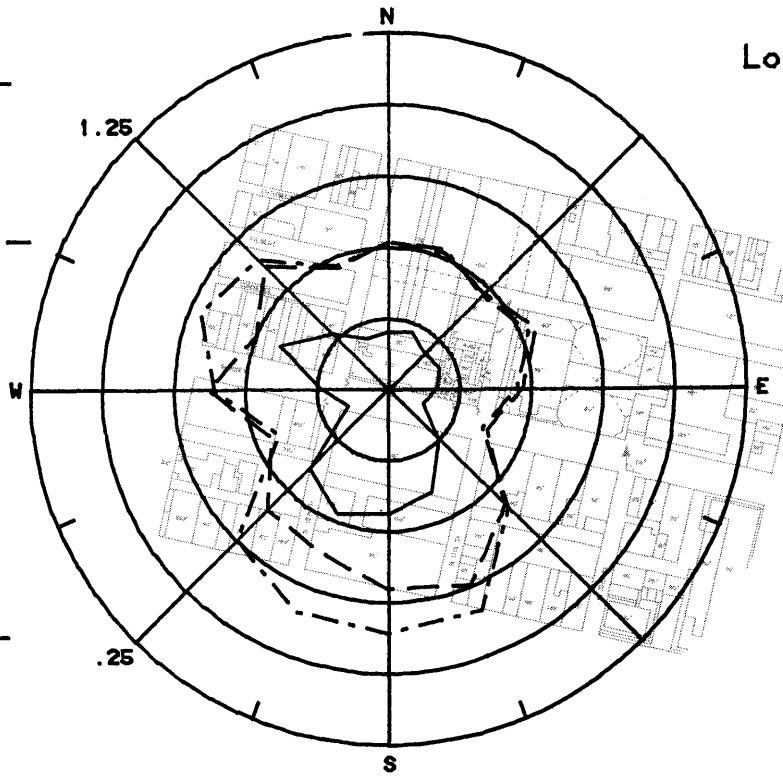
Location 3

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

.25/Div

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

.05/Div



$\frac{U_{mean}}{U_{inf}}$  ———

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

Location 4

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

.25/Div

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

.05/Div

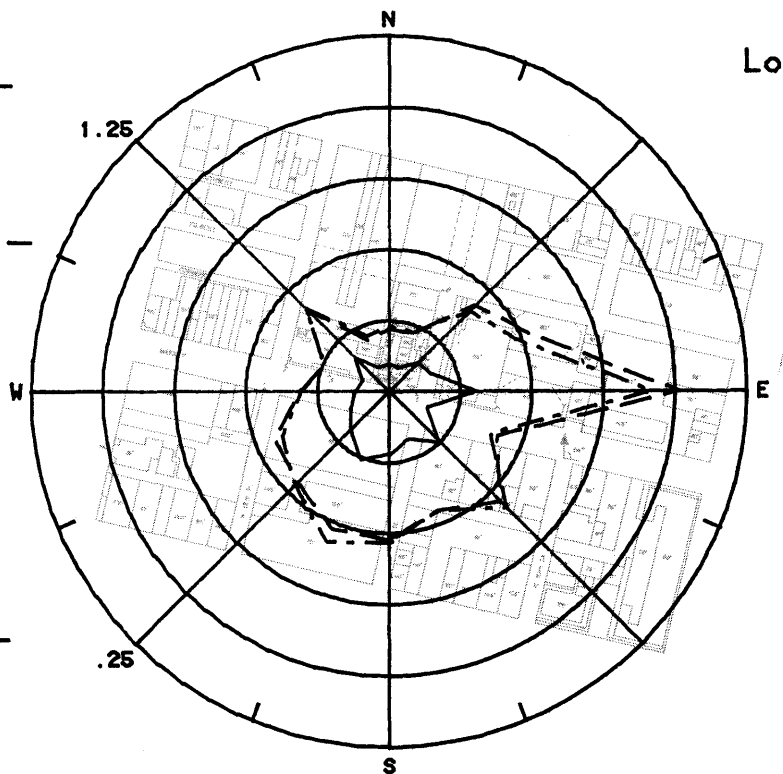


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

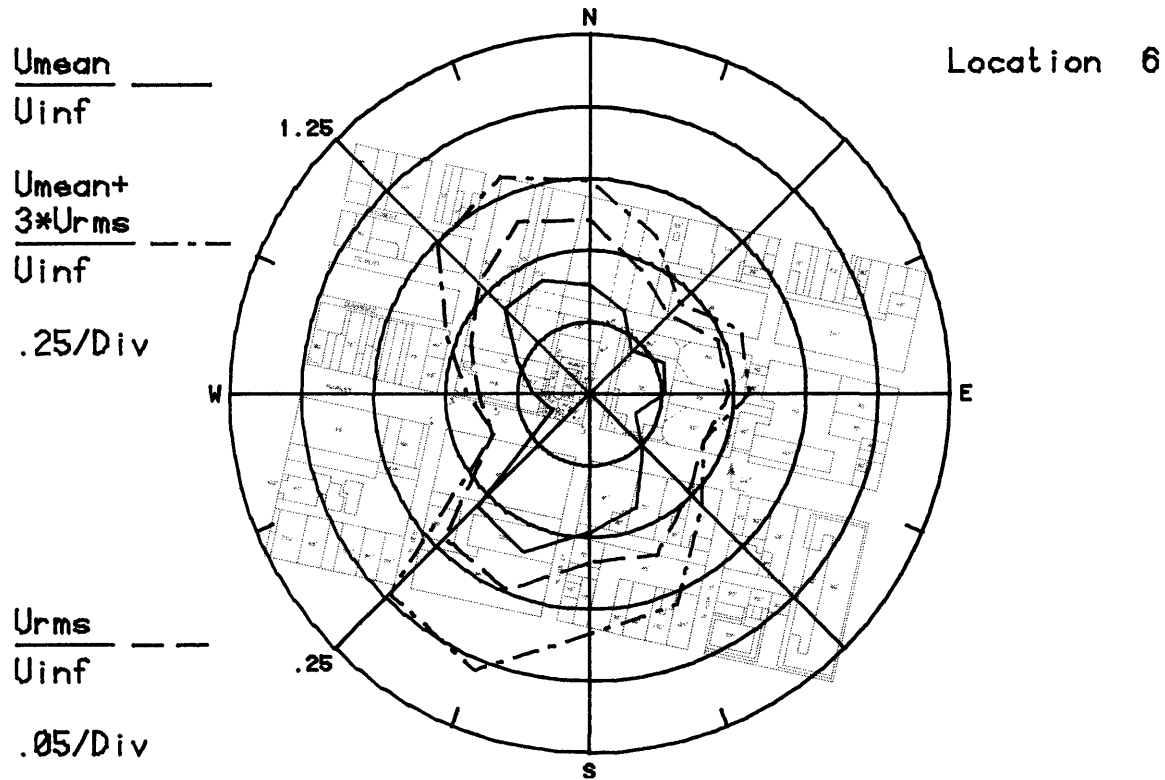
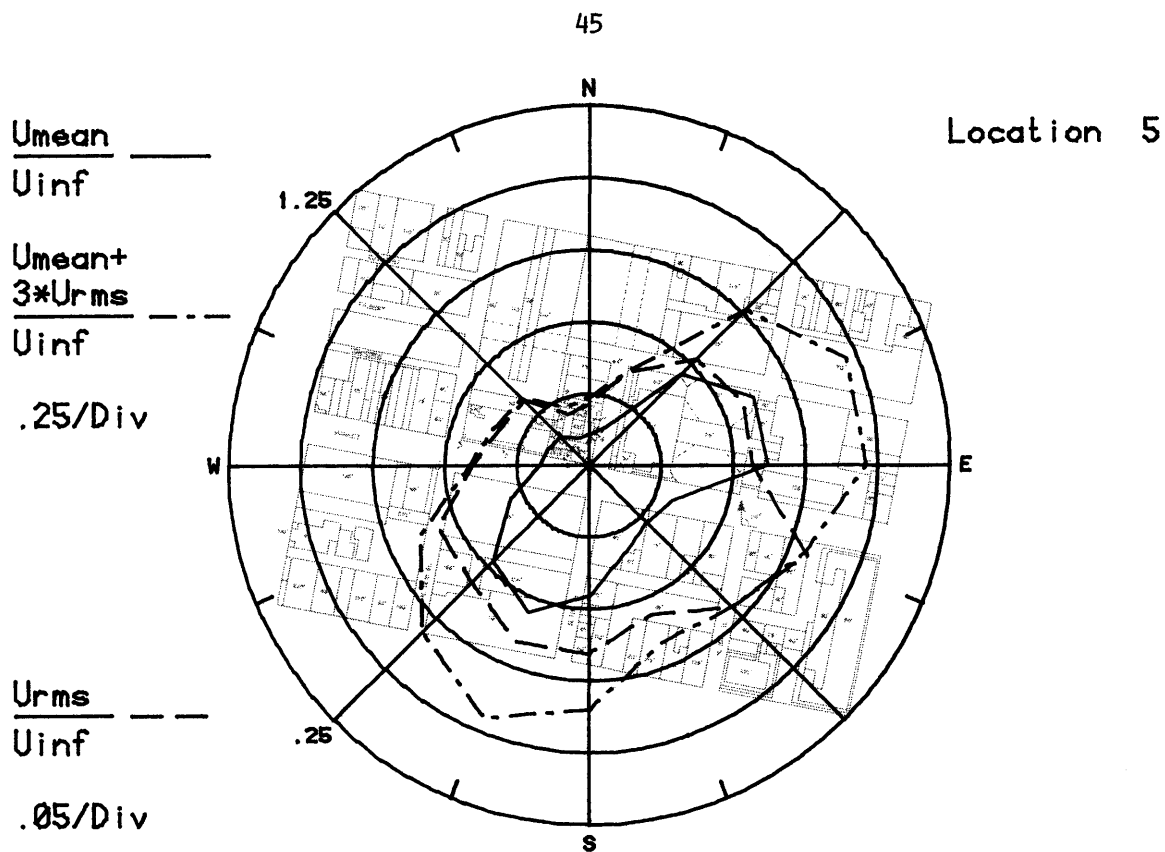


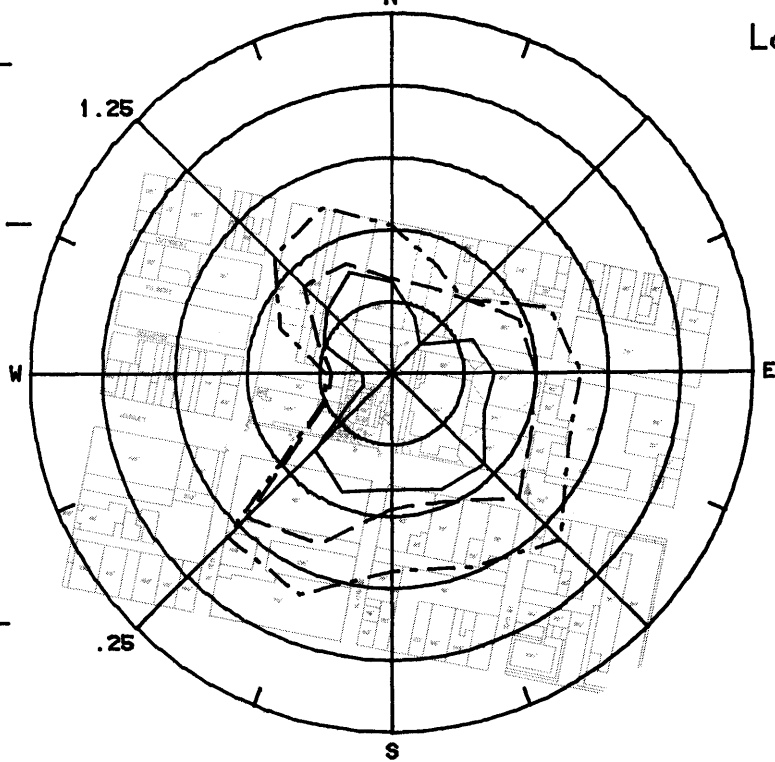
Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

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

$$U_{inf}$$

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

$$U_{inf}$$

$$.25/Div$$


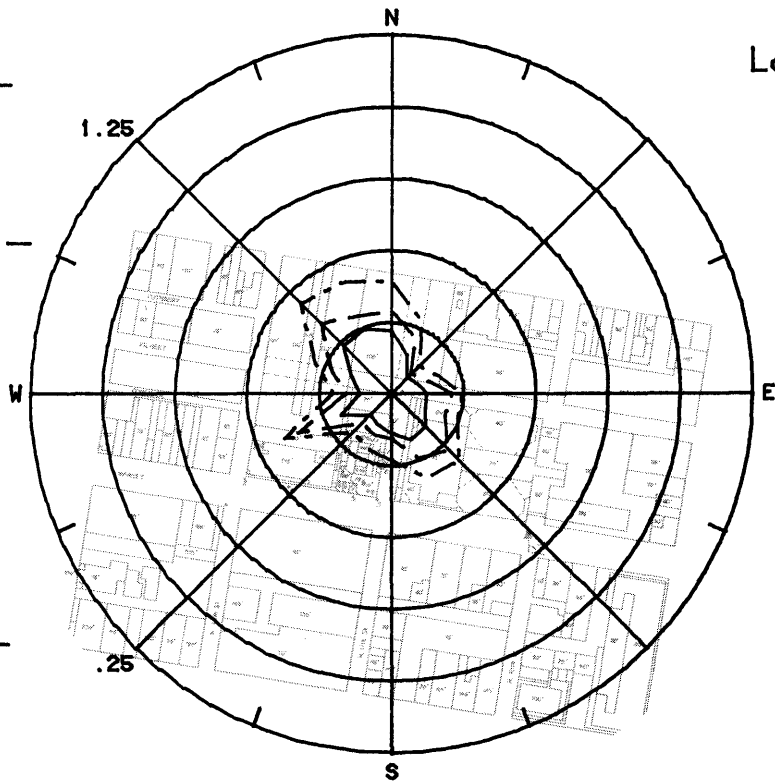
Location 7

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

$$U_{inf}$$

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

$$U_{inf}$$

$$.25/Div$$


Location 8

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

$$U_{inf}$$

$$.05/Div$$

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



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

$$U_{inf}$$

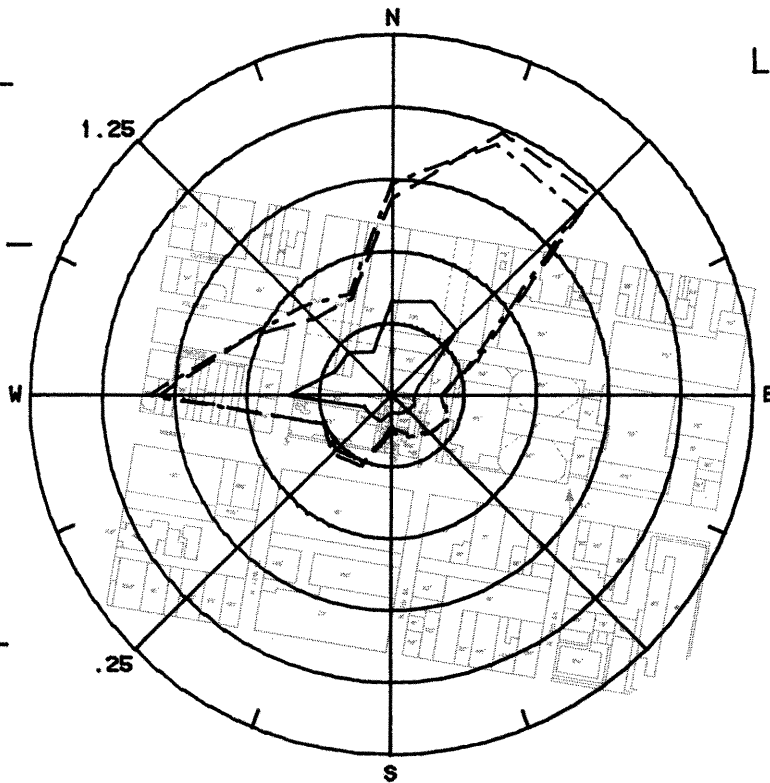
$$\frac{U_{mean} + 3 \cdot U_{rms}}{U_{inf}} \text{ - - -}$$

$$U_{inf}$$

$$.25/Div$$

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

$$U_{inf}$$

$$.05/Div$$


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

$$U_{inf}$$

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

$$U_{inf}$$

$$.25/Div$$

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

$$U_{inf}$$

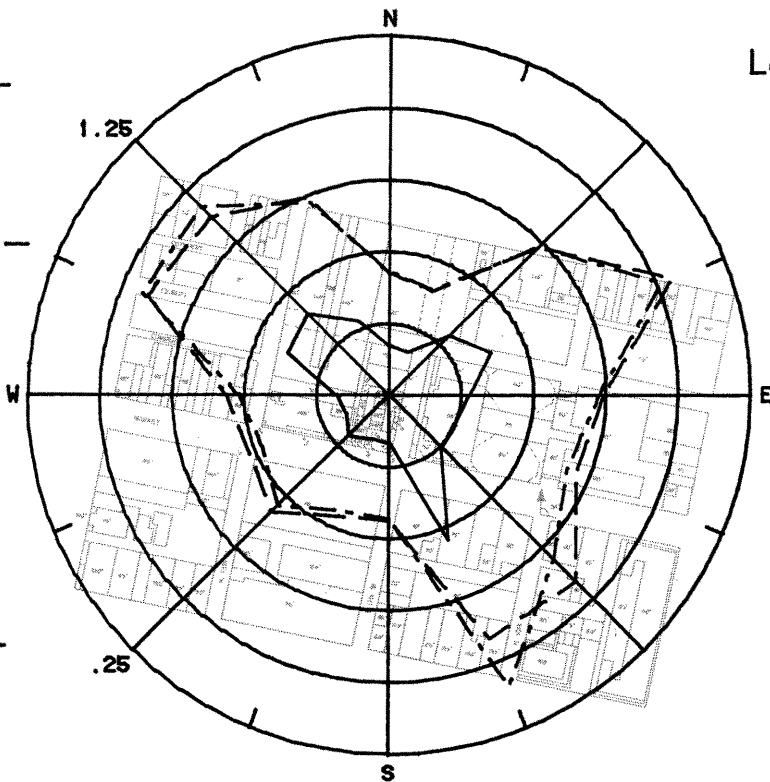
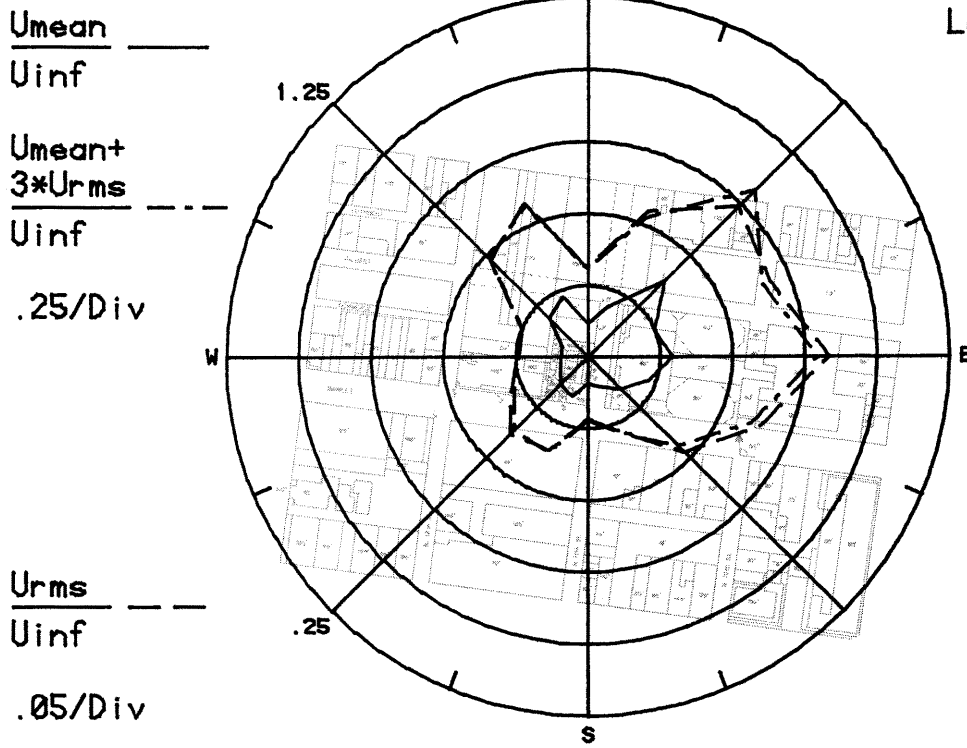
$$.05/Div$$


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

48

Location 11



Location 12

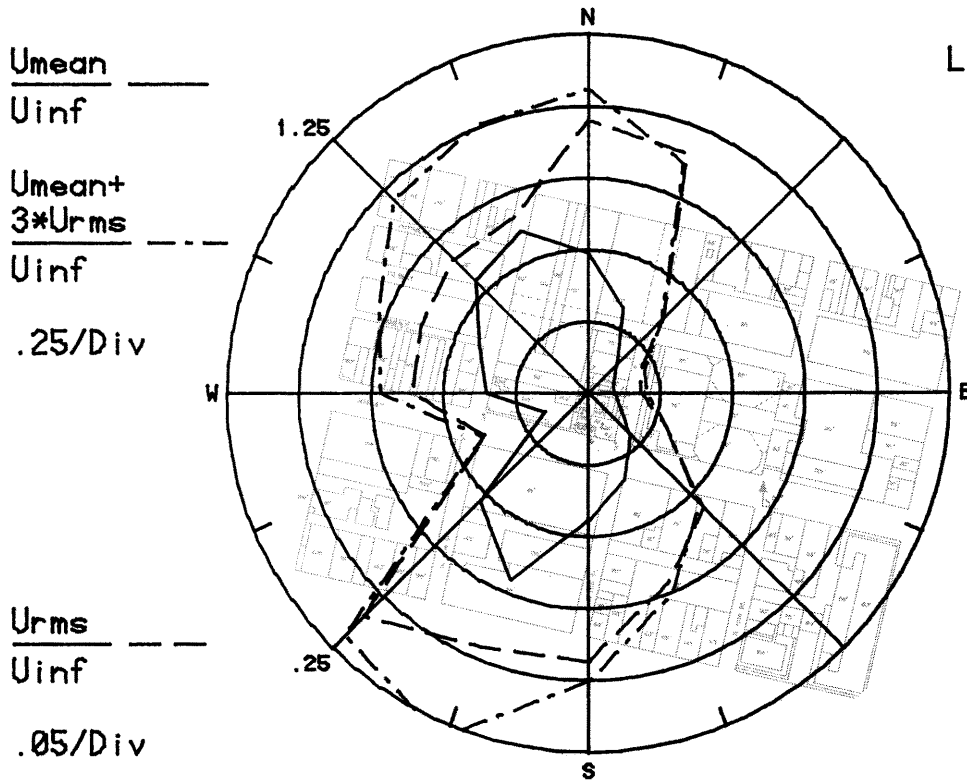
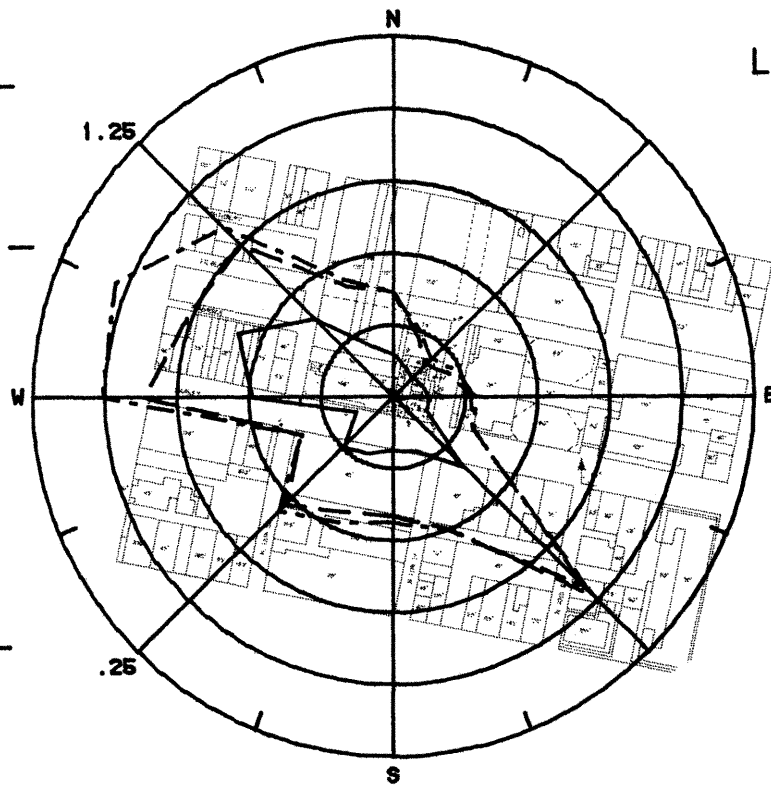


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

$\frac{U_{mean}}{U_{inf}}$  ———

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

 $U_{inf}$ 
 $.25/Div$ 
 $\frac{U_{rms}}{U_{inf}}$  - - -

 $U_{inf}$ 
 $.05/Div$ 

 $\frac{U_{mean}}{U_{inf}}$  ———

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

 $U_{inf}$ 
 $.25/Div$ 
 $\frac{U_{rms}}{U_{inf}}$  - - -

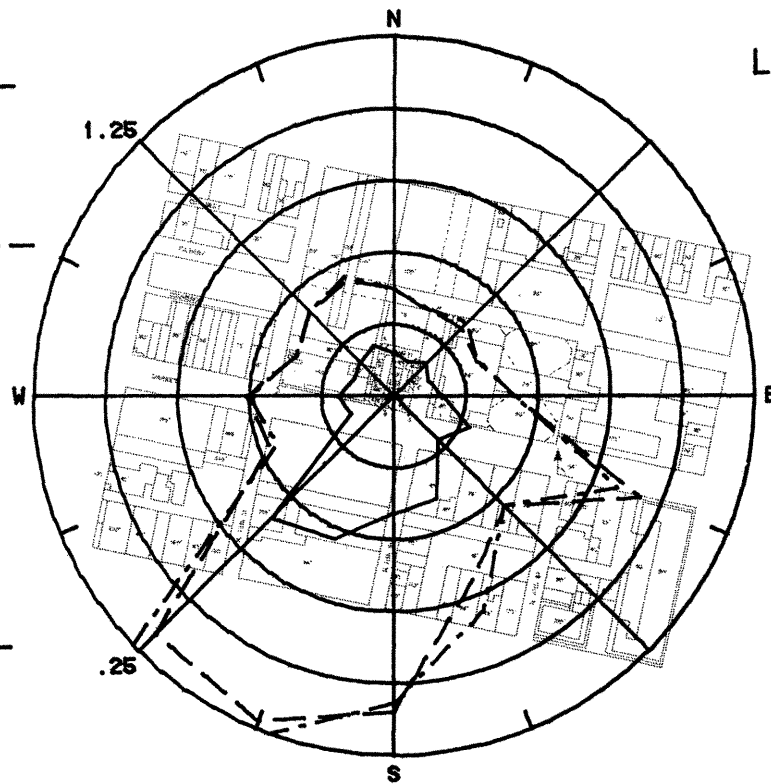
 $U_{inf}$ 
 $.05/Div$ 


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

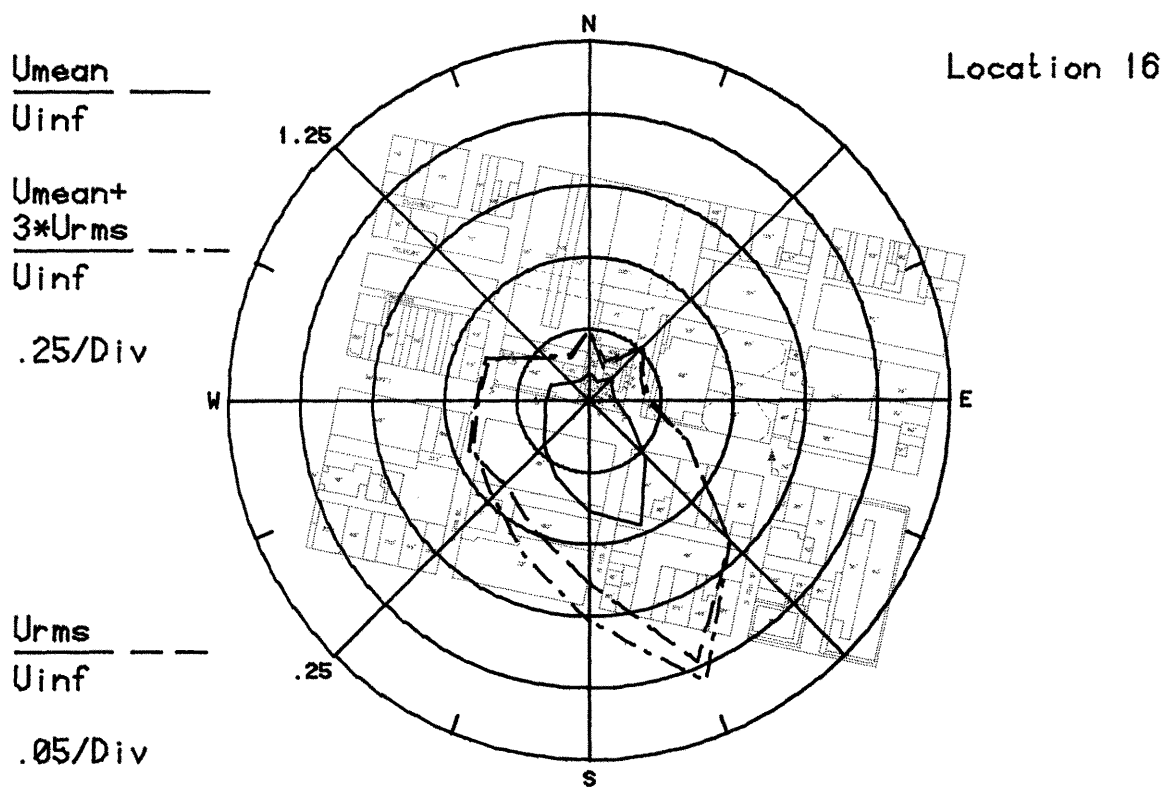
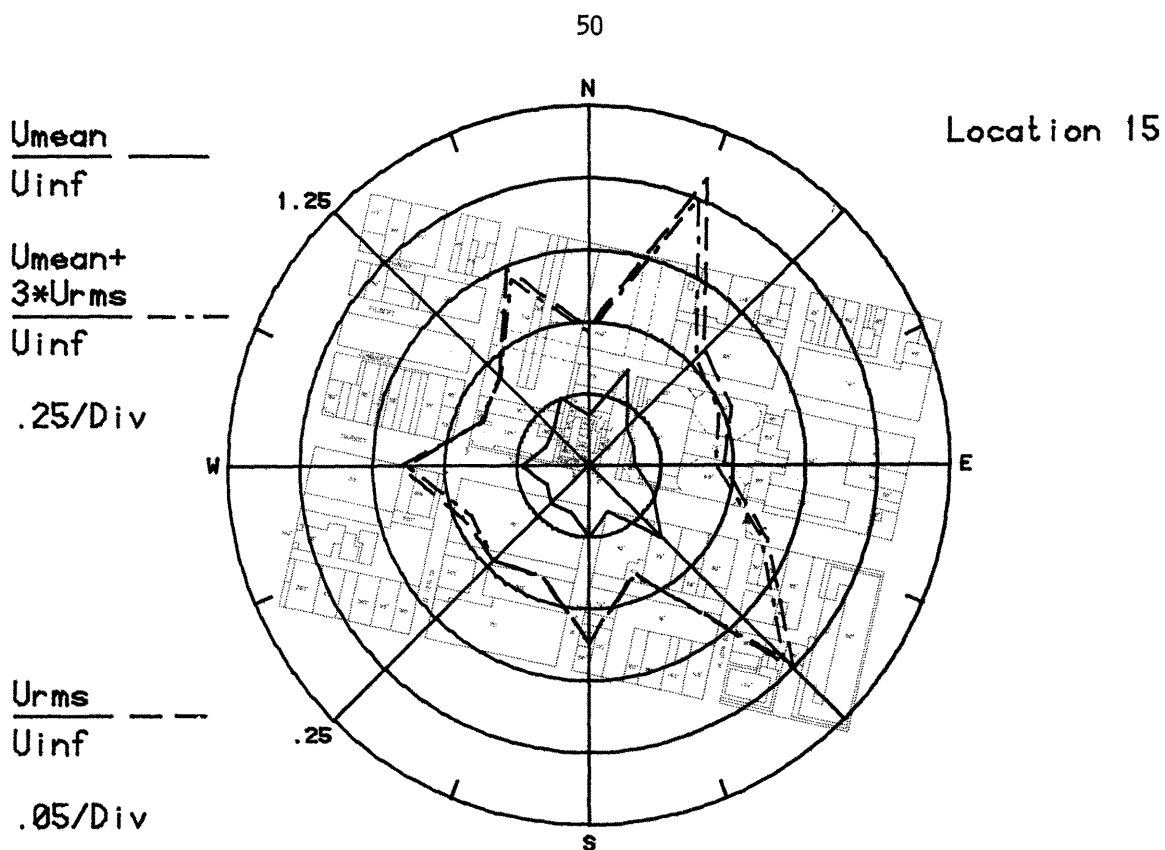


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

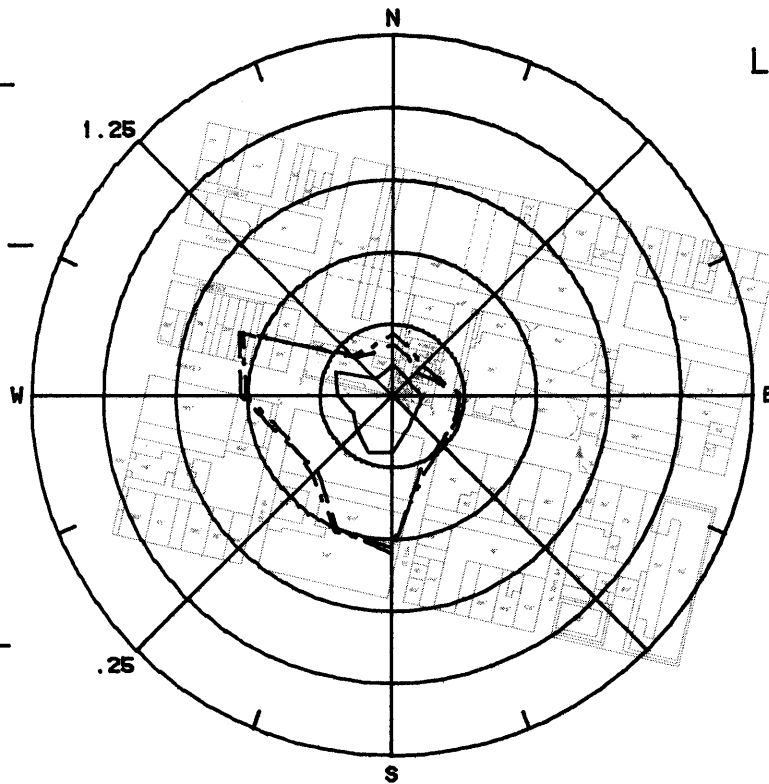
$\frac{U_{mean}}{U_{inf}}$  ———

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

.25/Div

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

.05/Div



$\frac{U_{mean}}{U_{inf}}$  ———

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

.25/Div

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

.05/Div

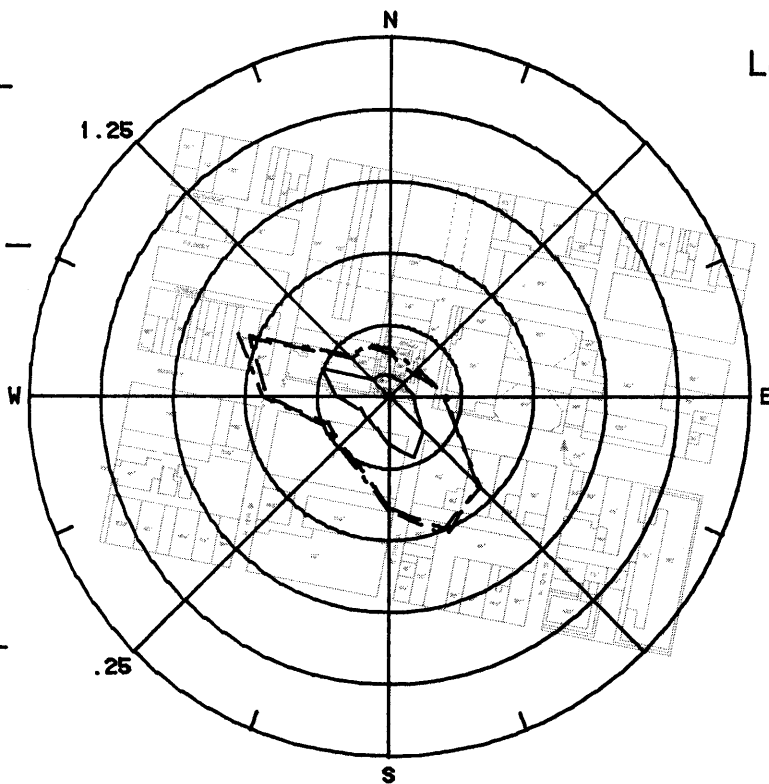


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

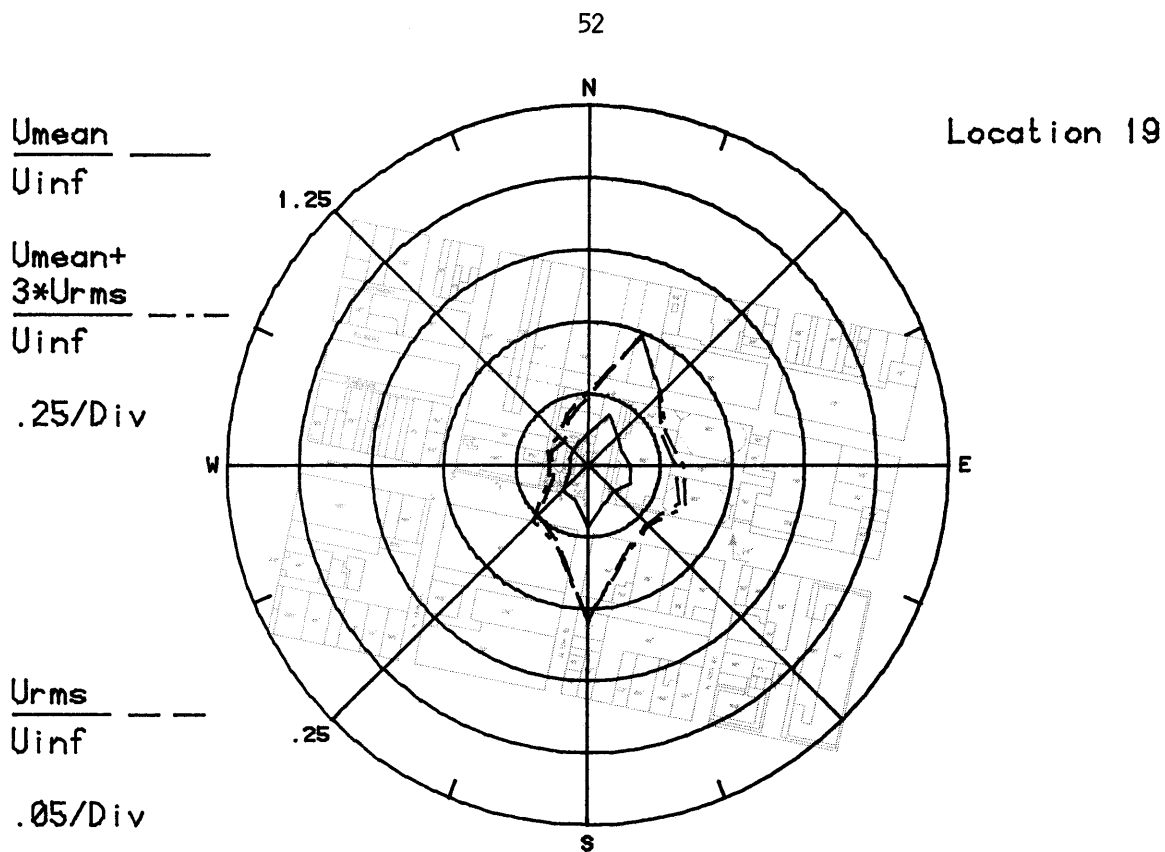


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Location 19

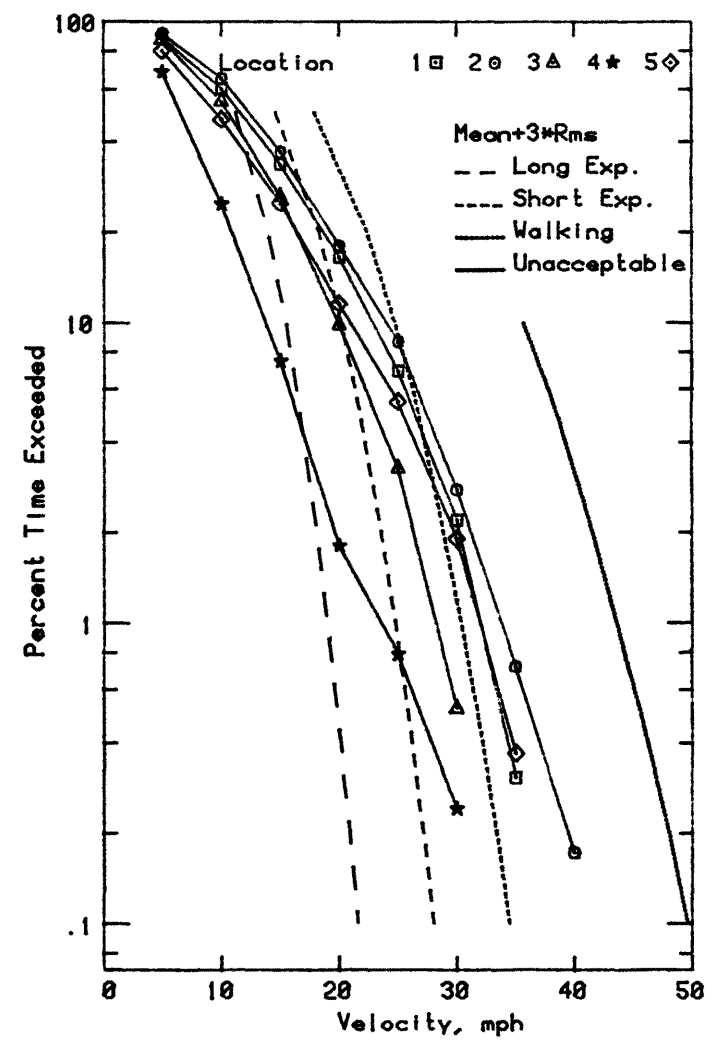
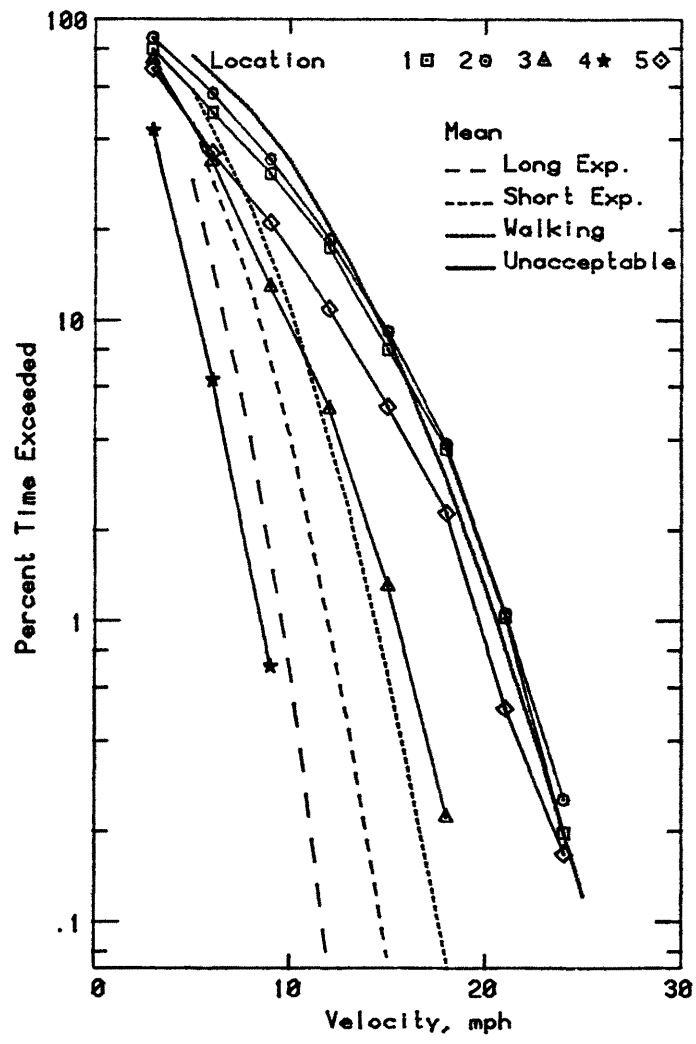


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

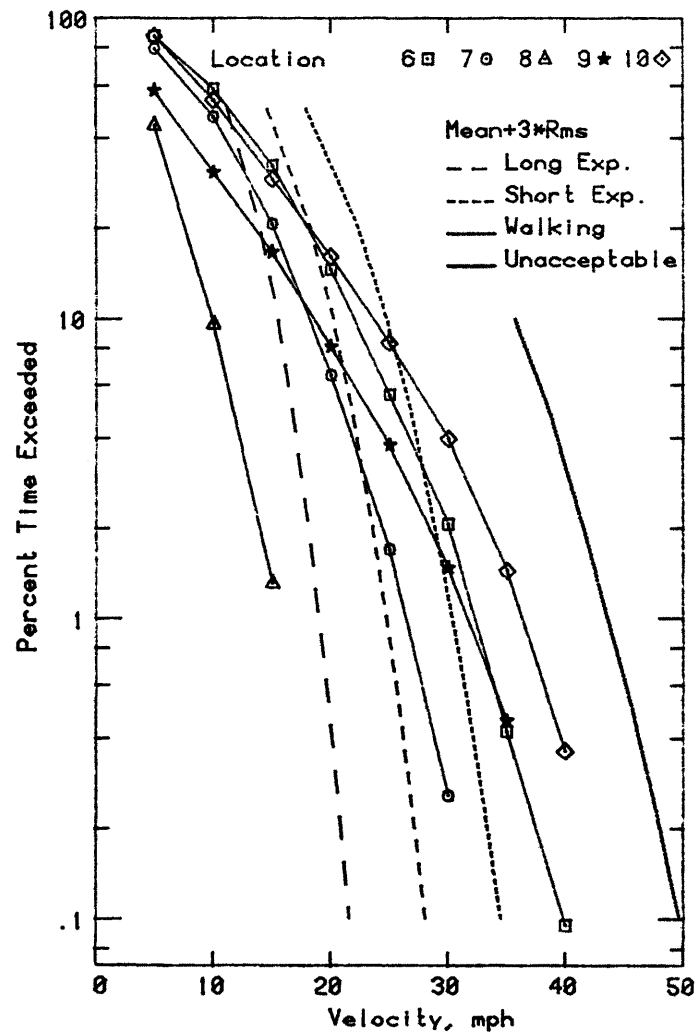
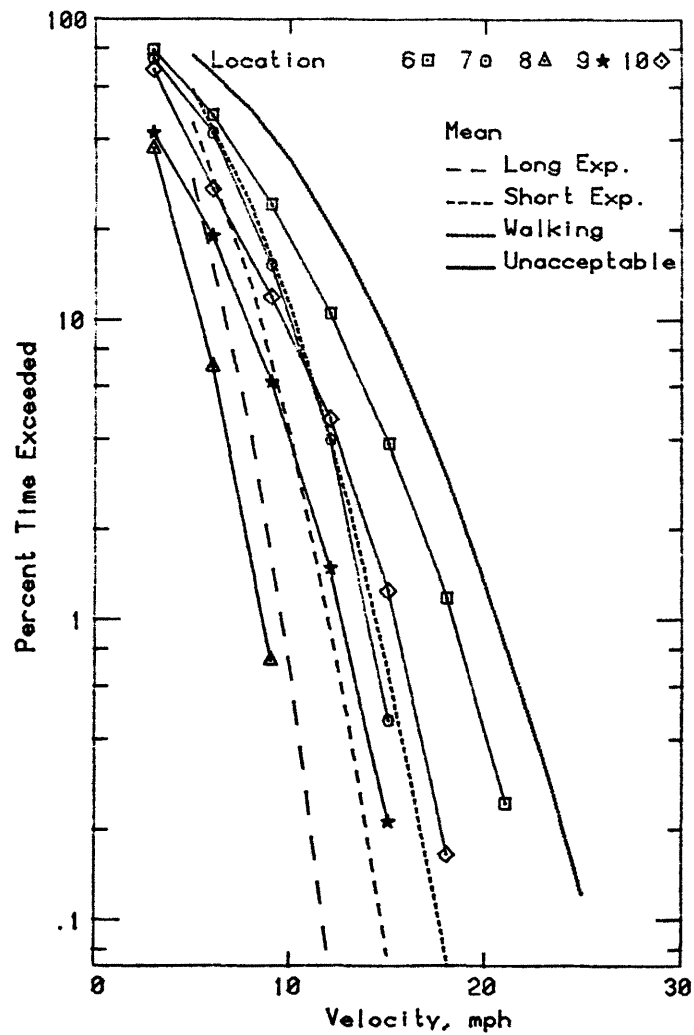


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations



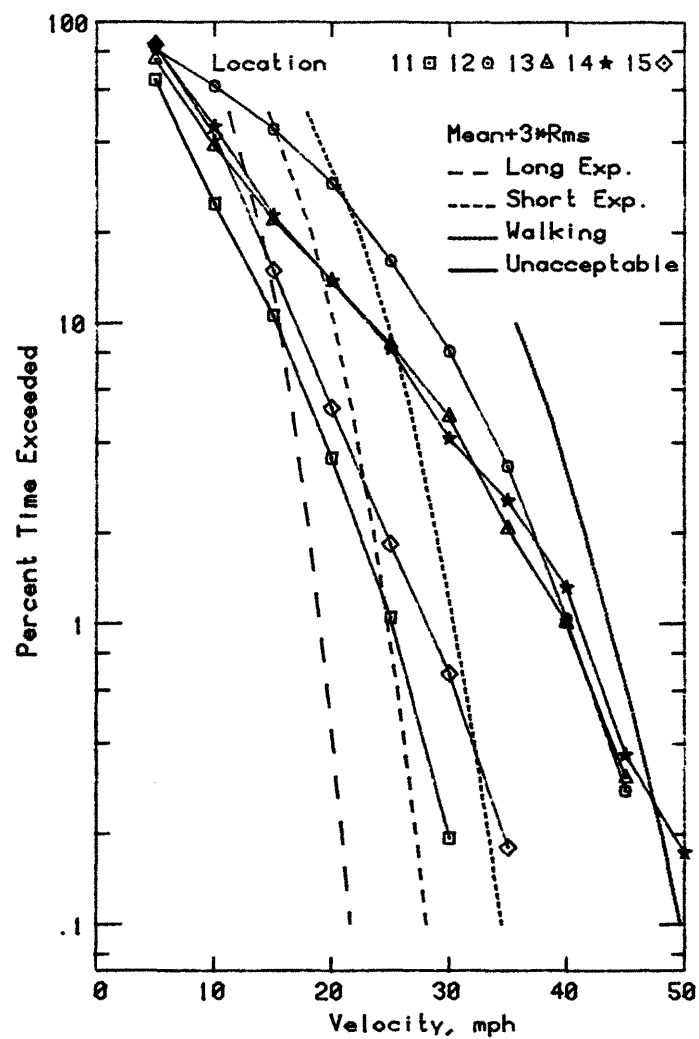
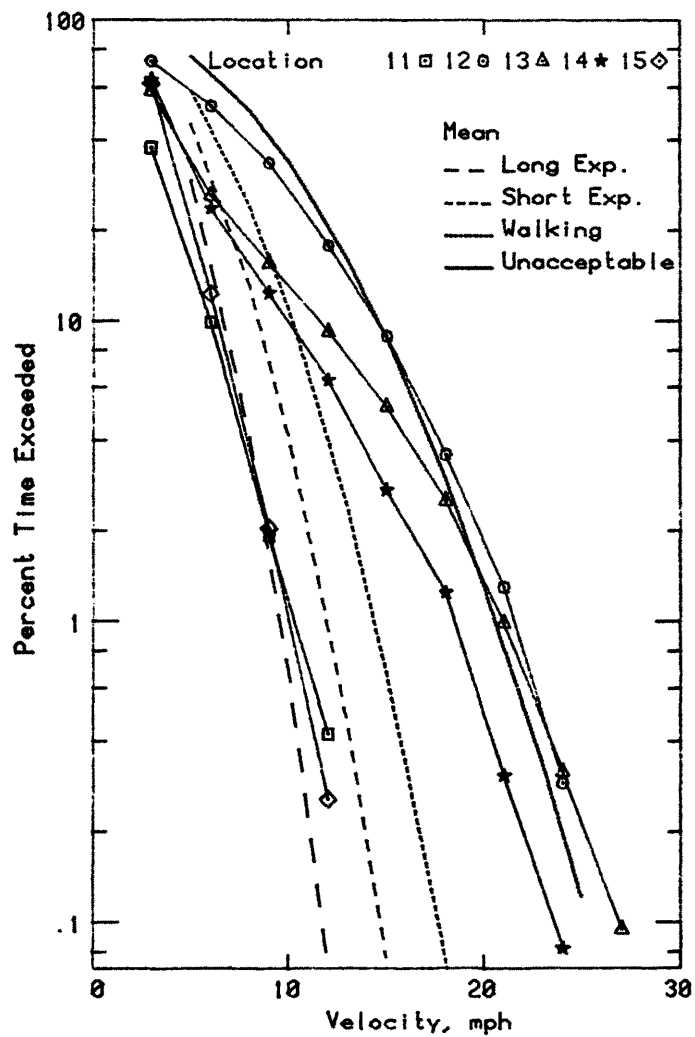


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

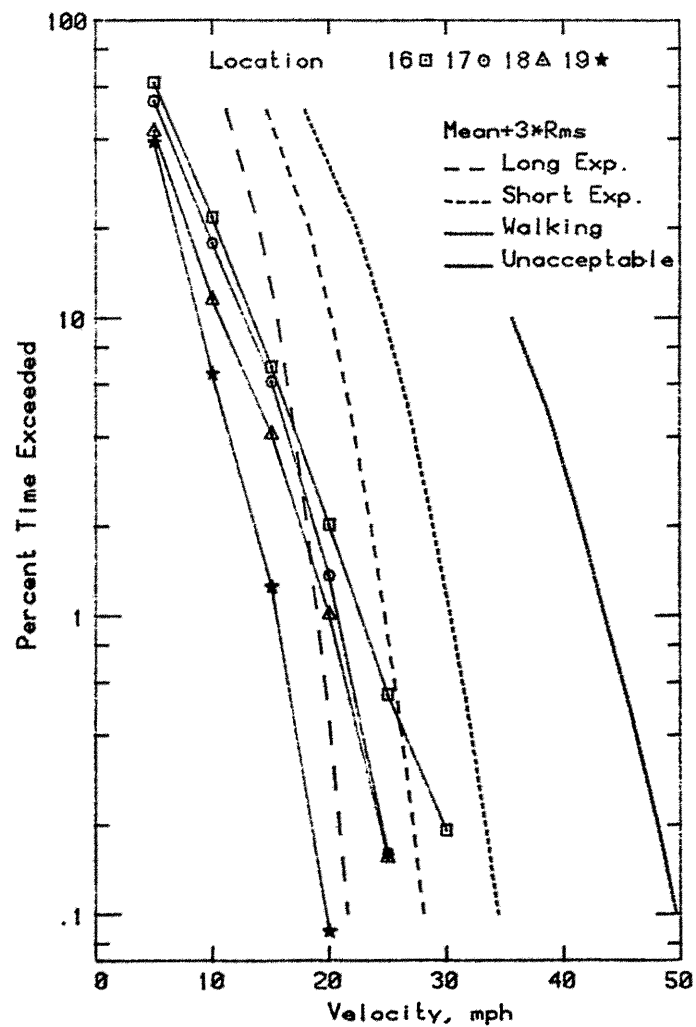
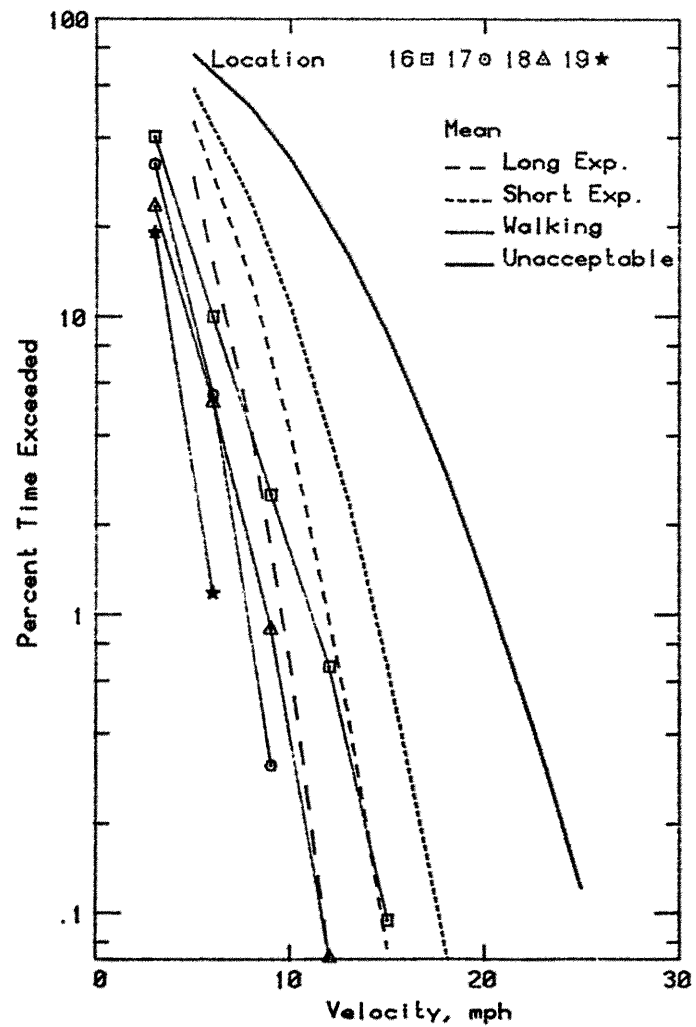
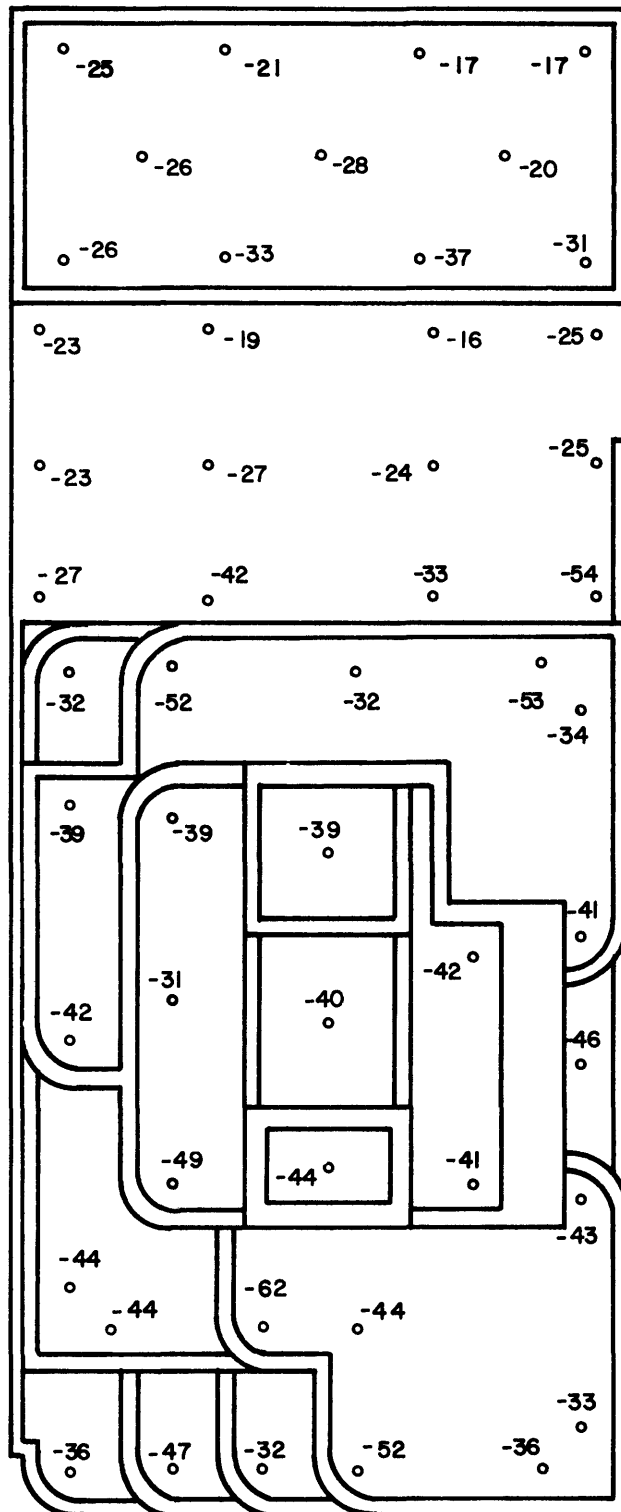


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations



PEAK NEGATIVE (UPLIFT) PRESSURE ON THE ROOF

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

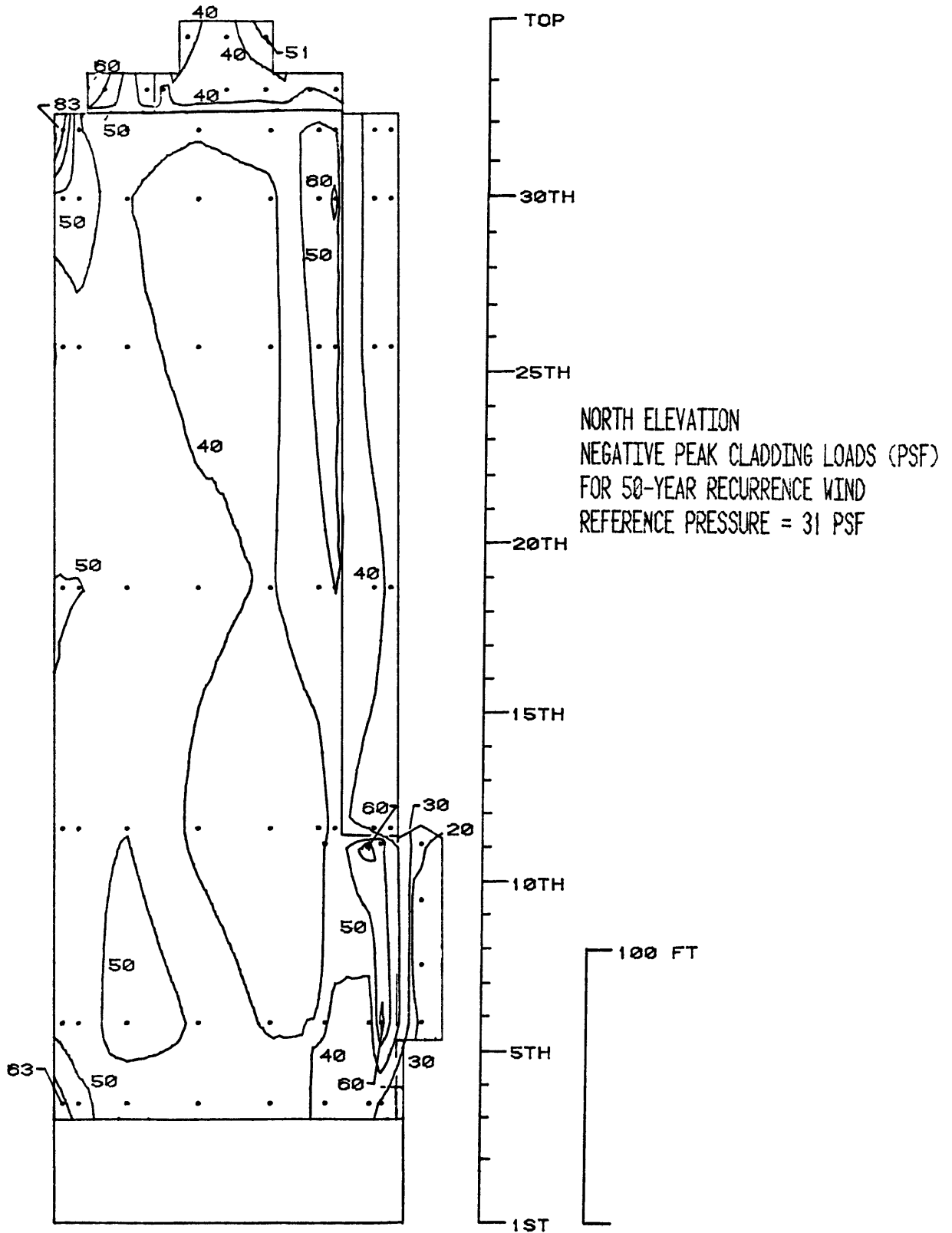


Figure 10b. Peak Pressure Contours on the Building  
for Cladding Loads

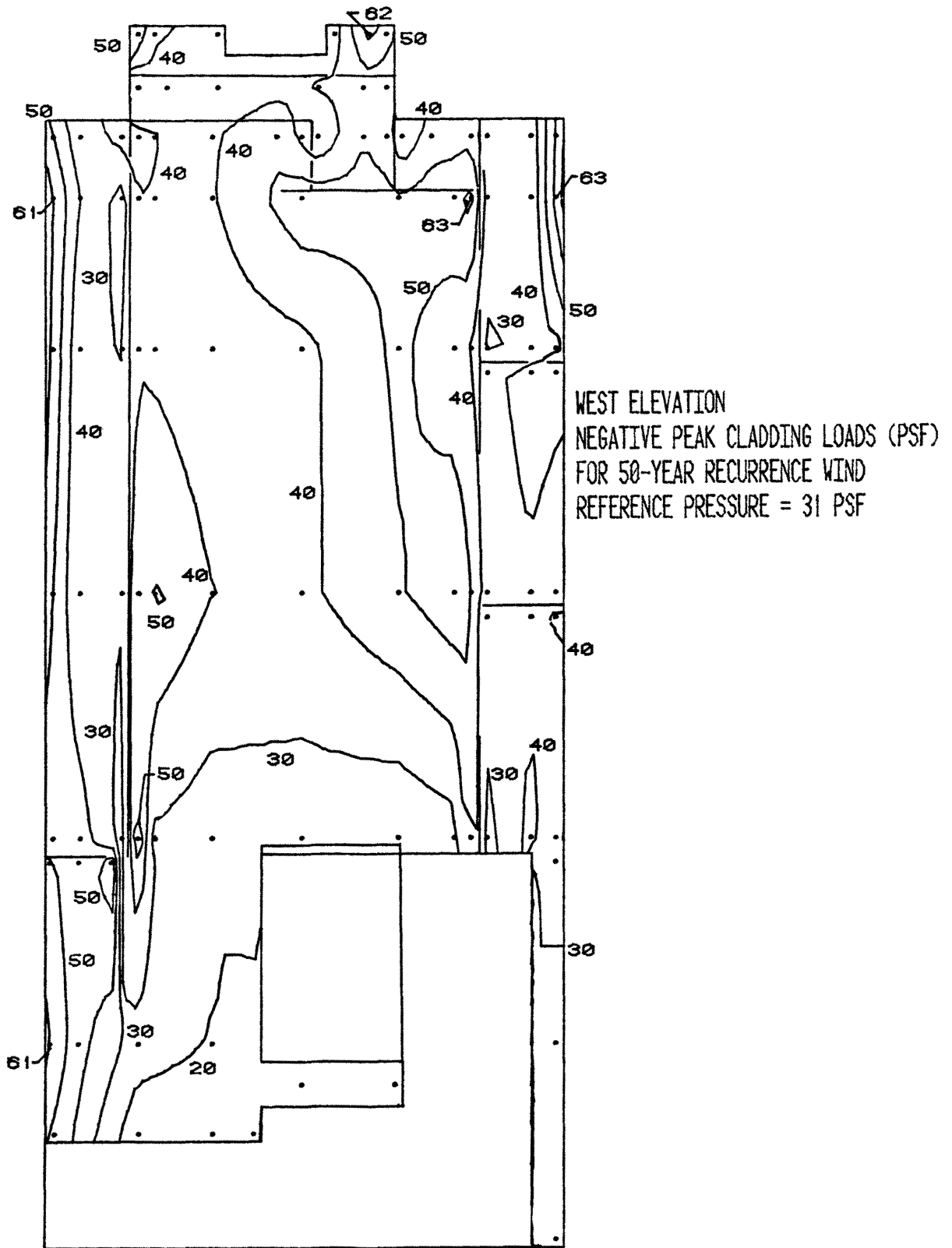


Figure 10c. Peak Pressure Contours on the Building  
for Cladding Loads

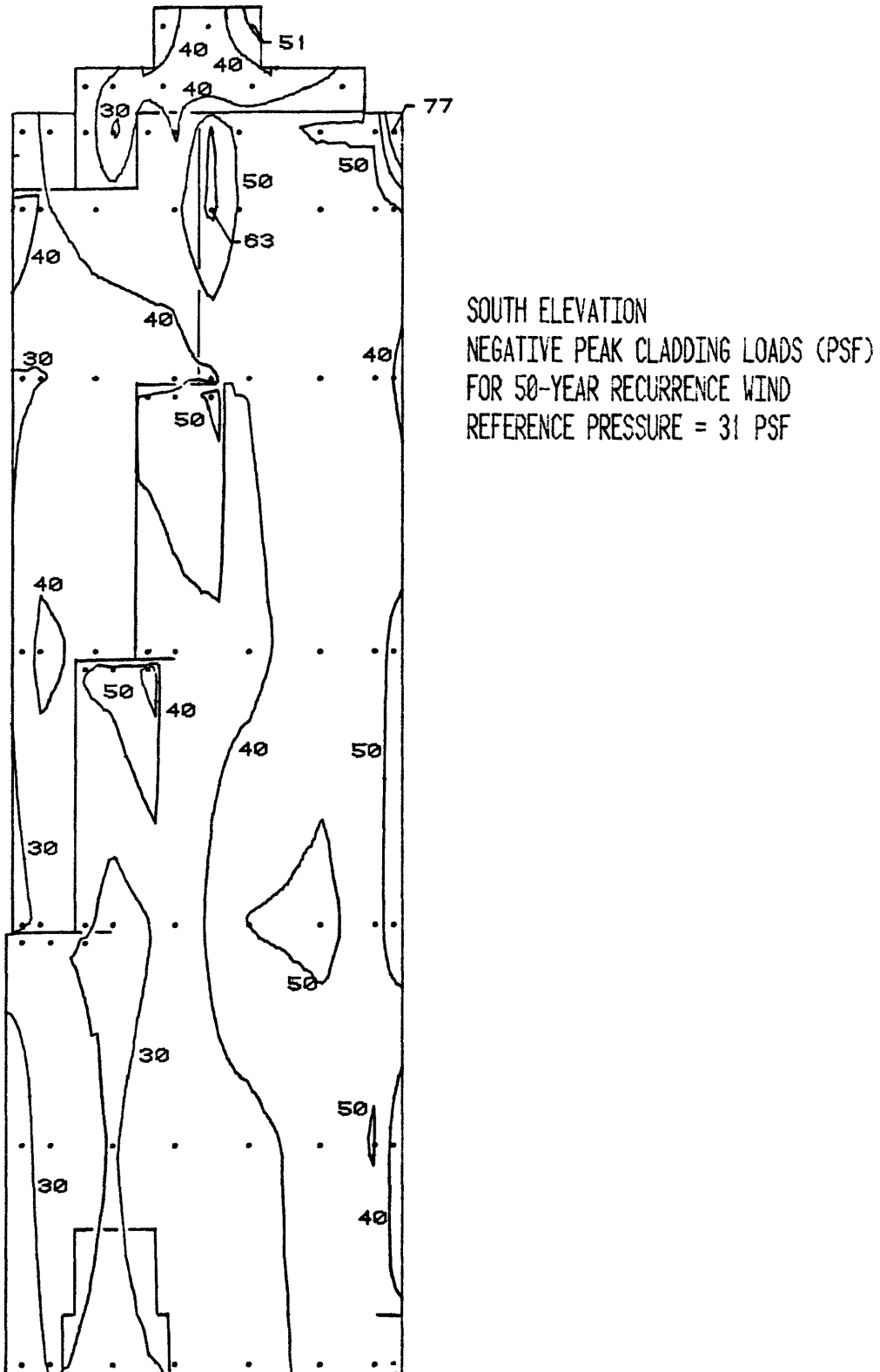


Figure 10d. Peak Pressure Contours on the Building  
for Cladding Loads

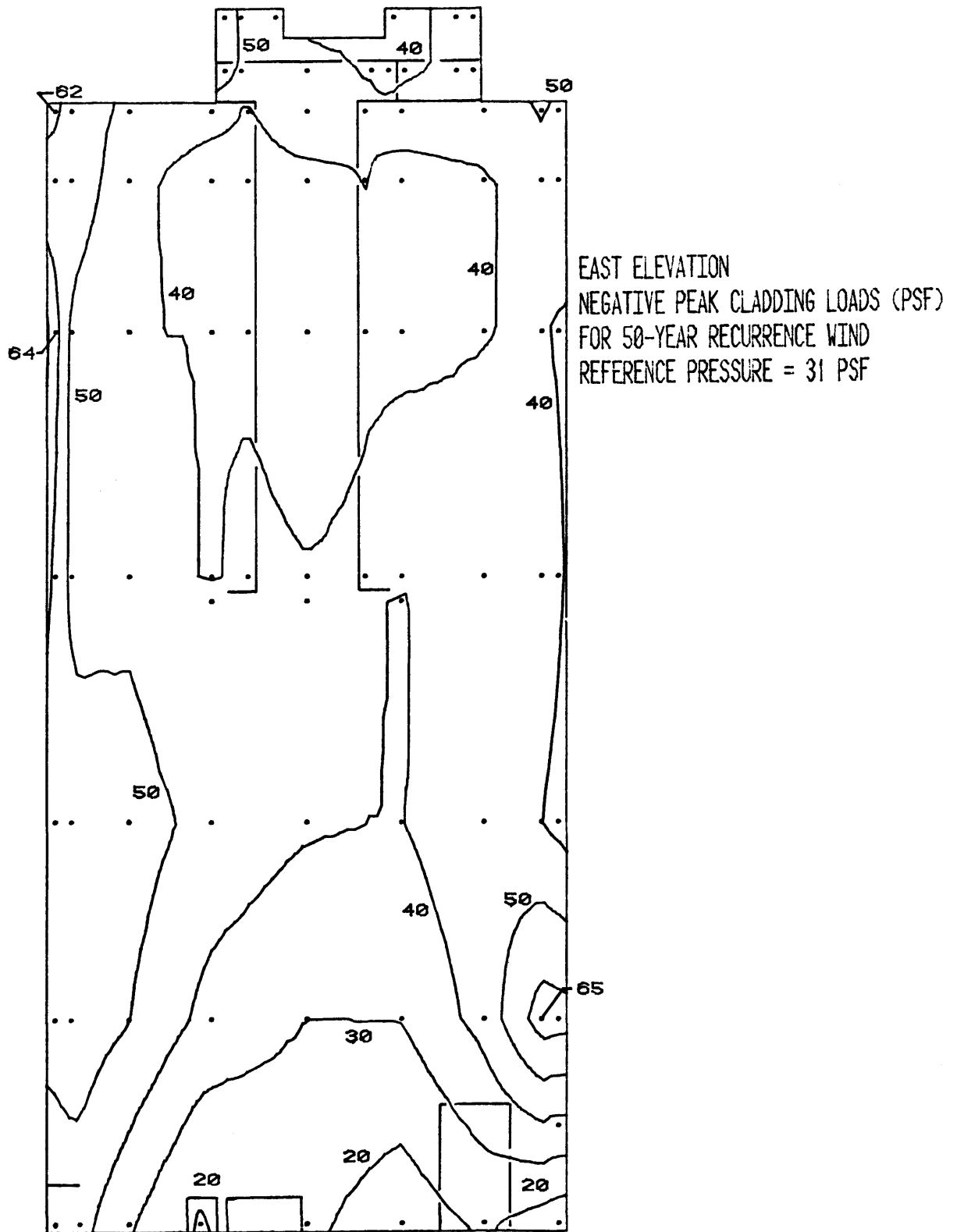


Figure 10e. Peak Pressure Contours on the Building  
for Cladding Loads

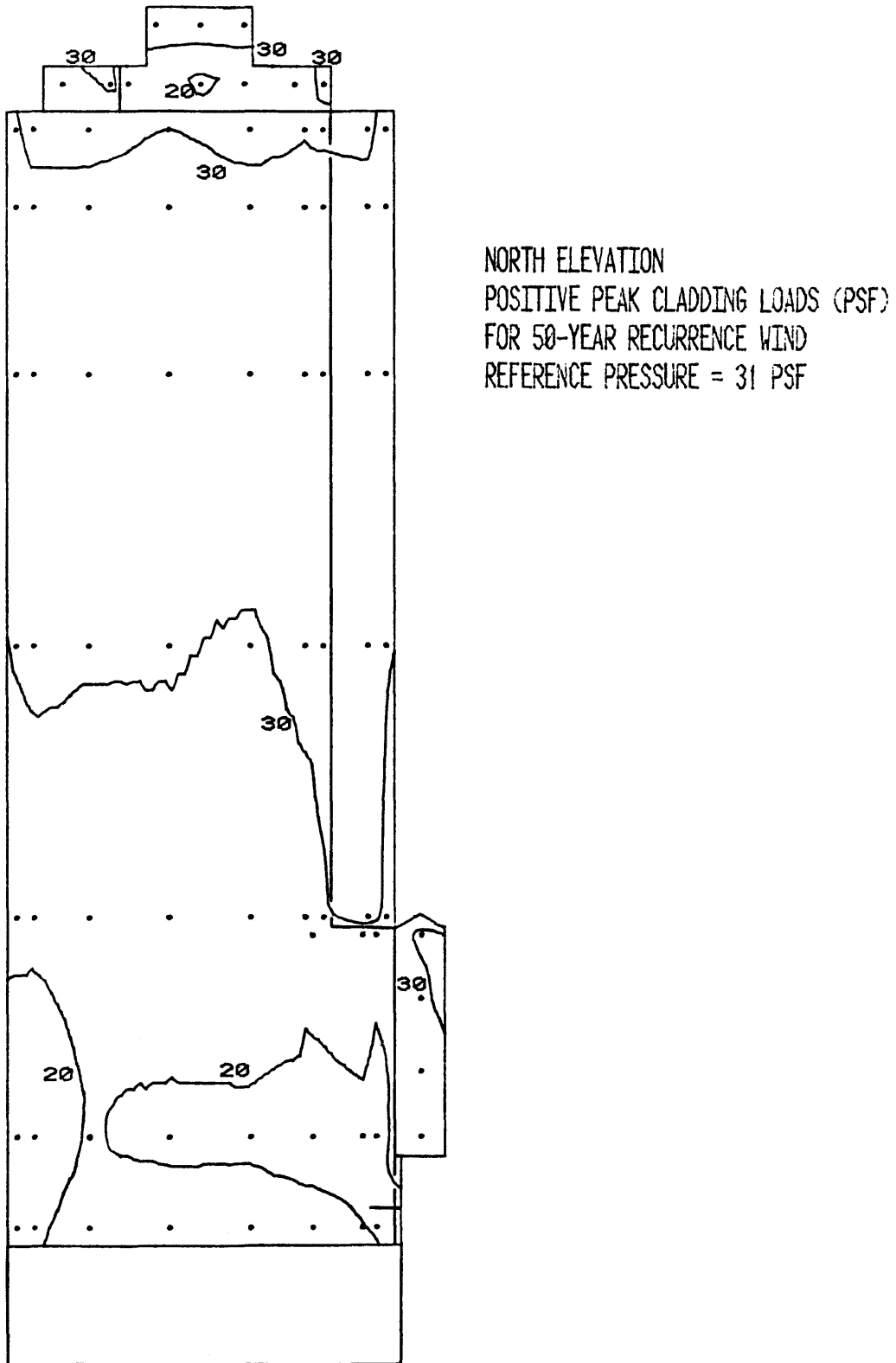


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads



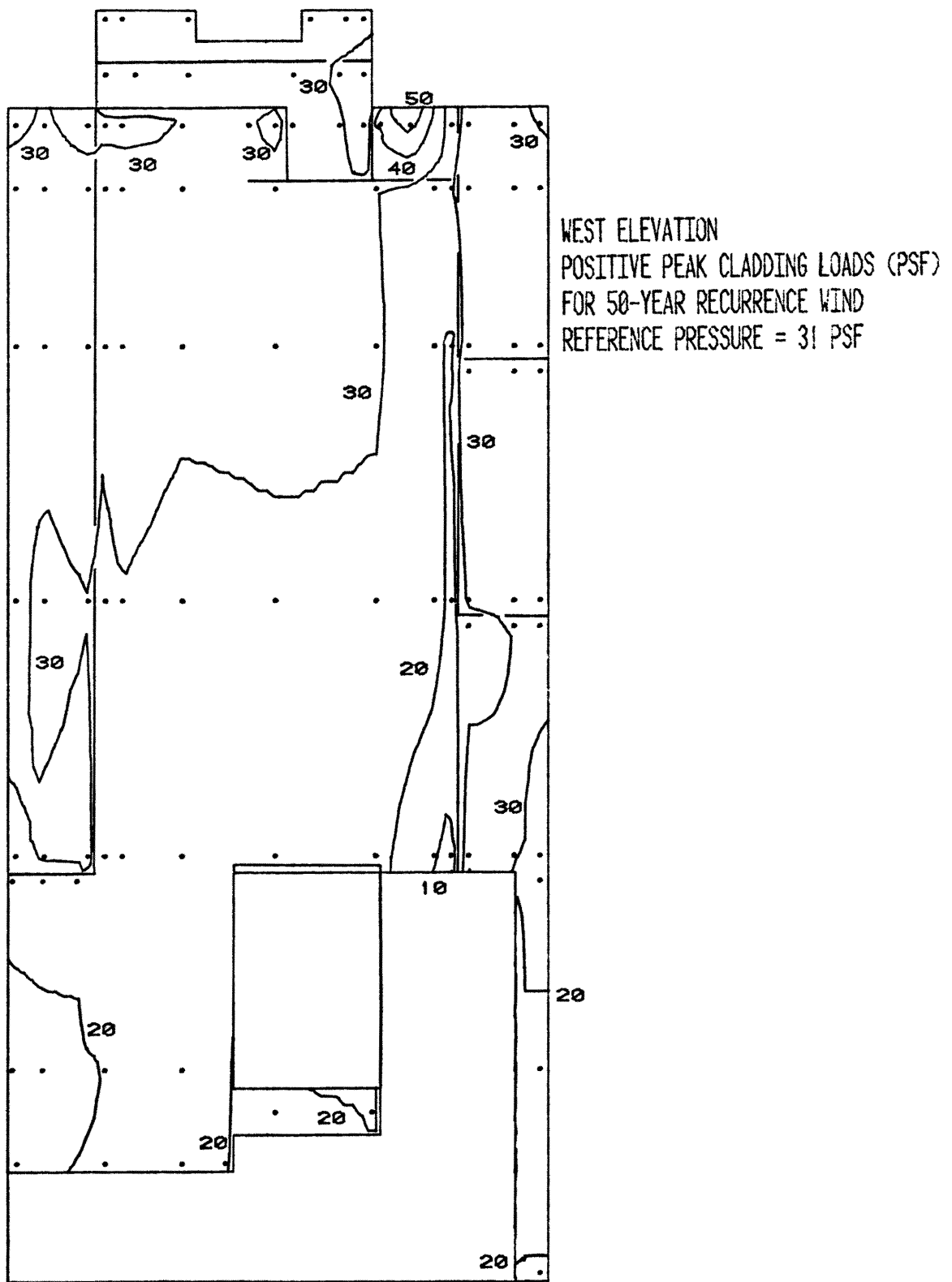


Figure 10g. Peak Pressure Contours on the Building  
for Cladding Loads



SOUTH ELEVATION  
POSITIVE PEAK CLADDING LOADS (PSF)  
FOR 50-YEAR RECURRENCE WIND  
REFERENCE PRESSURE = 31 PSF

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

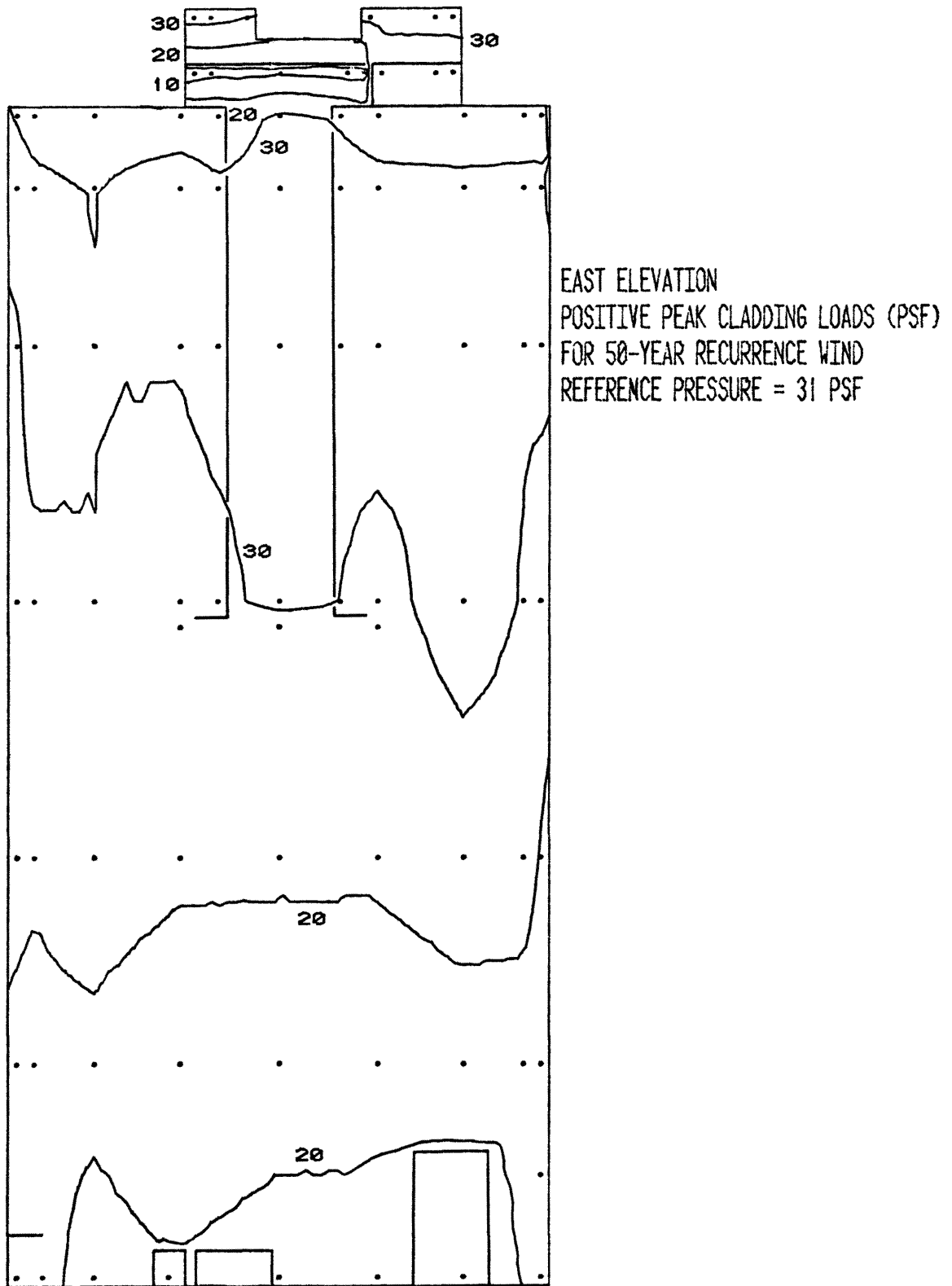


Figure 10i. Peak Pressure Contours on the Building  
for Cladding Loads

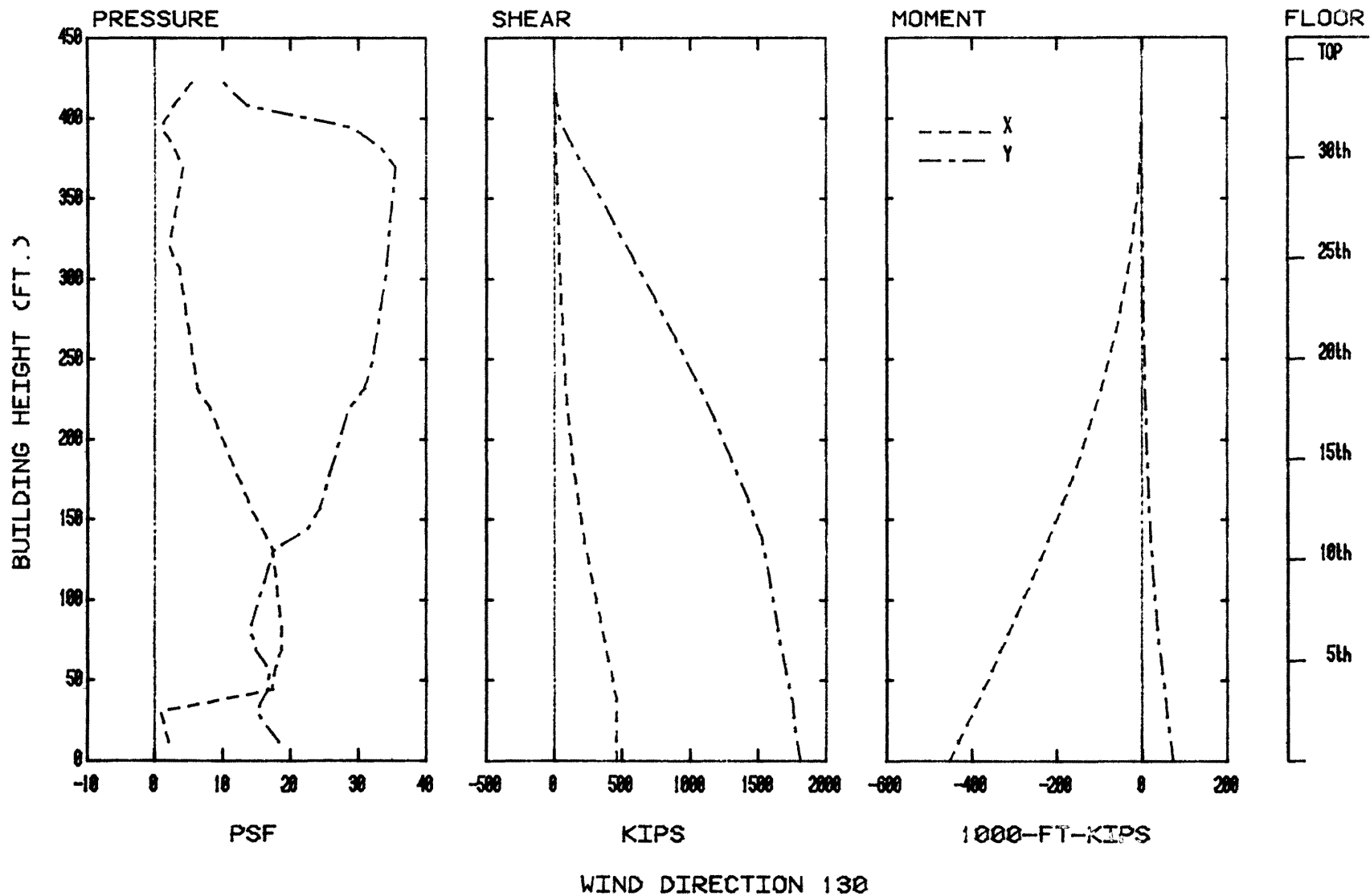


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

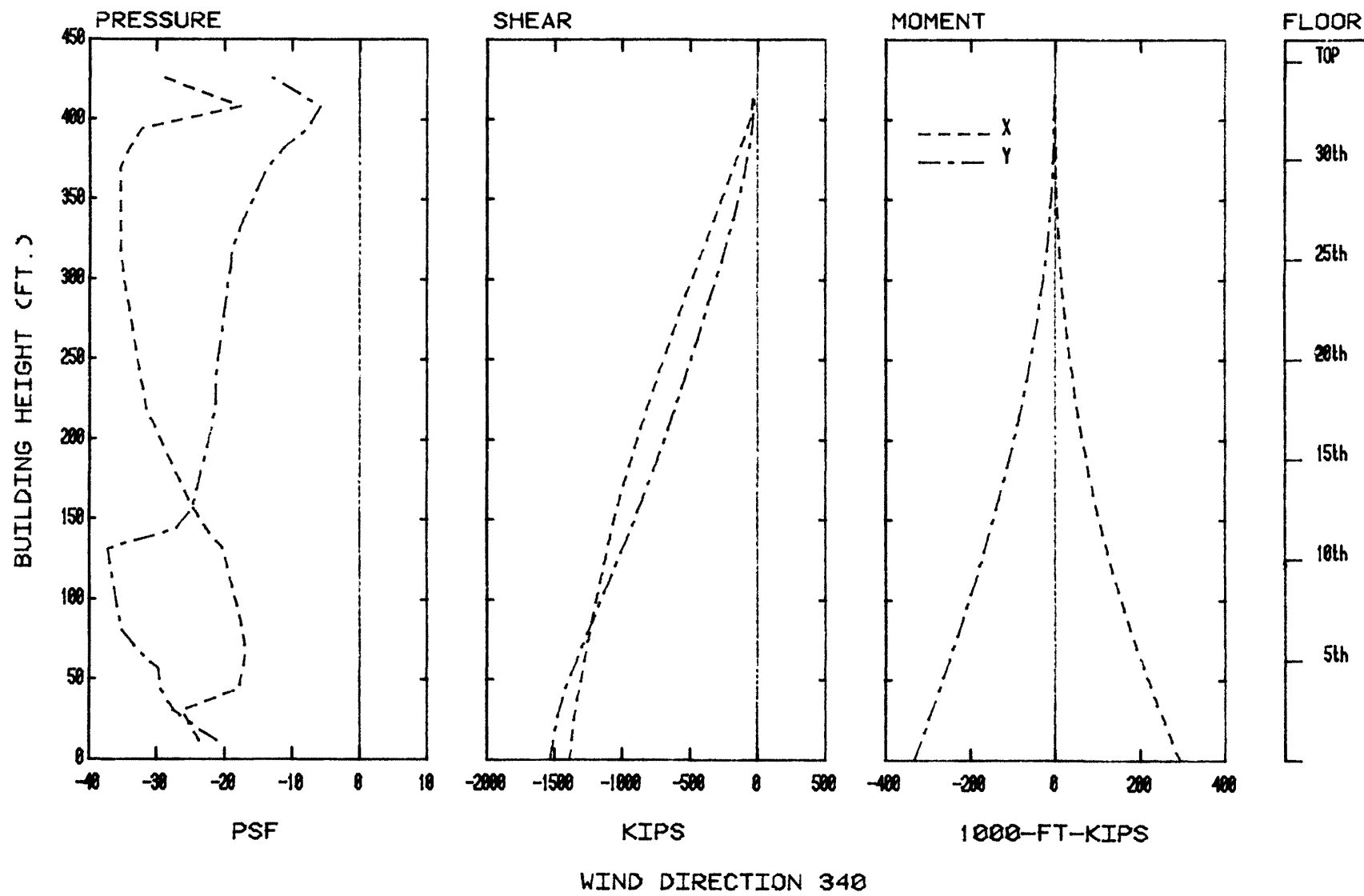


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

**TABLES**

TABLE 1

## MOTION PICTURE SCENE GUIDE

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

ONE READING CENTER, PHILADELPHIAHIGH PRESSURE AREAS

<u>Run No.</u>	<u>Tap No.</u>	<u>Wind Direction</u>
1	111	90°
2	419	120°
3	227	170°

PEDESTRIAN AREA HIGH WIND VELOCITIES

<u>Run No.</u>	<u>Pedestrian Location No.</u>	<u>Wind Direction</u>
4	12	202.5°
5	5	90°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

LOCATION 1

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	65.2	9.2	92.7
22.50	51.5	10.3	82.4
45.00	40.5	10.7	72.6
67.50	14.0	7.4	36.1
90.00	58.6	12.6	96.5
112.50	66.7	10.7	98.7
135.00	62.2	9.2	89.8
157.50	60.8	6.8	81.2
180.00	45.1	17.9	98.7
202.50	44.0	12.8	82.4
225.00	24.5	12.6	62.4
247.50	17.9	7.0	39.1
270.00	24.4	9.6	53.2
292.50	15.2	7.3	37.0
315.00	47.6	8.6	73.5
337.50	58.8	8.2	83.5

LOCATION 2

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	59.5	7.9	83.3
22.50	54.6	7.7	77.8
45.00	37.0	9.0	64.0
67.50	16.8	7.3	38.8
90.00	31.7	8.6	57.6
112.50	33.5	7.1	54.9
135.00	49.0	8.4	74.3
157.50	59.2	10.6	90.9
180.00	49.6	10.4	80.7
202.50	46.2	10.1	76.7
225.00	27.3	10.0	57.4
247.50	21.5	12.4	58.6
270.00	42.2	15.4	88.3
292.50	39.2	14.6	83.1
315.00	54.9	7.7	77.9
337.50	62.0	7.4	84.3

LOCATION 3

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	20.4	10.4	51.6
22.50	21.8	10.4	53.0
45.00	18.0	9.5	46.4
67.50	19.4	11.2	52.9
90.00	16.7	9.3	44.7
112.50	13.0	7.4	35.3
135.00	24.7	11.5	59.1
157.50	39.3	14.9	84.1
180.00	43.7	14.0	85.9
202.50	47.2	12.4	84.5
225.00	39.2	11.9	75.0
247.50	14.9	8.8	41.4
270.00	23.3	12.6	61.1
292.50	41.2	9.9	70.9
315.00	27.7	12.2	64.3
337.50	19.3	9.2	46.9

LOCATION 4

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	9.8	4.4	22.9
22.50	9.1	4.4	22.2
45.00	14.3	8.5	39.8
67.50	16.2	10.6	47.9
90.00	30.9	20.3	91.7
112.50	14.2	8.2	38.6
135.00	25.0	11.0	58.1
157.50	18.1	9.1	45.3
180.00	22.0	10.5	53.4
202.50	25.9	10.4	57.3
225.00	19.4	9.0	46.4
247.50	14.4	8.7	40.4
270.00	12.0	6.2	30.7
292.50	9.9	4.8	24.4
315.00	16.9	8.1	41.3
337.50	9.4	3.9	21.0



TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.8	4.3	23.6
22.50	14.4	7.0	35.4
45.00	44.9	10.5	76.3
67.50	61.8	11.5	96.4
90.00	62.2	11.3	96.2
112.50	31.6	16.3	80.6
135.00	28.0	14.0	69.9
157.50	32.8	11.2	66.5
180.00	45.7	13.1	85.0
202.50	55.3	13.2	95.0
225.00	47.3	11.5	81.8
247.50	29.3	11.3	63.2
270.00	17.2	8.1	41.4
292.50	15.2	6.7	35.3
315.00	13.8	6.4	33.0
337.50	10.3	3.9	21.9

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	37.8	12.1	74.0
22.50	31.6	9.4	59.8
45.00	21.1	7.8	44.5
67.50	28.1	9.6	57.0
90.00	26.4	9.7	55.4
112.50	17.1	8.6	42.7
135.00	26.0	9.7	55.2
157.50	42.8	12.2	79.4
180.00	48.5	11.8	83.8
202.50	59.5	14.8	103.9
225.00	55.4	14.2	98.0
247.50	13.9	7.3	35.8
270.00	19.4	7.7	42.6
292.50	27.1	8.9	53.9
315.00	41.9	10.8	74.3
337.50	42.5	13.0	81.4

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	31.7	6.6	51.3
22.50	21.1	6.5	40.6
45.00	14.2	7.2	35.9
67.50	30.5	9.6	59.2
90.00	35.5	10.0	65.5
112.50	34.7	10.4	66.0
135.00	45.3	12.4	82.6
157.50	44.1	9.7	73.3
180.00	40.6	9.5	69.0
202.50	44.7	12.9	83.3
225.00	37.9	14.2	80.4
247.50	10.6	4.8	25.1
270.00	10.3	4.2	22.8
292.50	25.6	5.5	42.1
315.00	31.5	8.6	57.4
337.50	37.8	8.2	62.4

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.9	5.7	39.1
22.50	14.5	4.3	27.5
45.00	7.9	1.9	13.6
67.50	9.4	2.5	16.8
90.00	12.2	4.2	24.7
112.50	12.6	4.0	24.7
135.00	16.6	5.6	33.4
157.50	17.2	4.9	31.8
180.00	13.6	3.1	22.9
202.50	11.8	3.1	21.0
225.00	10.2	2.9	18.8
247.50	19.2	7.1	40.4
270.00	10.8	3.1	20.1
292.50	15.0	4.6	28.8
315.00	24.0	6.9	44.6
337.50	24.5	5.9	42.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

LOCATION 9

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	32.7	13.6	73.6
22.50	35.4	19.7	94.5
45.00	31.8	19.5	90.3
67.50	11.0	6.4	30.1
90.00	7.6	3.4	17.8
112.50	8.8	4.3	21.7
135.00	8.0	3.7	19.0
157.50	6.9	3.0	15.8
180.00	6.3	2.2	13.0
202.50	9.5	3.3	25.4
225.00	9.6	3.8	26.9
247.50	10.4	5.1	25.8
270.00	35.7	16.1	84.0
292.50	21.4	10.7	53.4
315.00	20.9	7.5	43.5
337.50	16.2	7.3	38.0

LOCATION 10

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	17.4	8.5	42.8
22.50	16.2	7.8	39.6
45.00	29.1	14.5	72.6
67.50	38.3	21.2	101.8
90.00	27.9	14.9	72.5
112.50	24.7	14.0	66.8
135.00	25.7	18.3	80.7
157.50	54.6	18.3	109.5
180.00	16.7	8.7	42.9
202.50	16.3	9.1	43.6
225.00	20.0	11.4	54.4
247.50	16.0	10.4	47.4
270.00	18.1	11.2	51.8
292.50	38.0	18.1	92.3
315.00	39.7	17.5	92.2
337.50	27.9	14.9	72.5

LOCATION 11

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	11.9	6.2	30.6
22.50	19.3	11.0	52.2
45.00	37.6	14.8	81.9
67.50	24.5	13.6	65.5
90.00	29.5	16.7	79.7
112.50	22.2	12.8	60.6
135.00	15.9	9.4	44.2
157.50	11.2	5.6	28.0
180.00	9.3	4.3	22.3
202.50	14.7	7.0	35.7
225.00	13.4	7.6	36.3
247.50	10.2	5.7	27.4
270.00	9.3	4.9	24.1
292.50	9.7	4.9	24.5
315.00	19.4	9.6	48.0
337.50	22.5	11.5	57.0

LOCATION 12

WIND AZIMUTH	U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)	U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)	U <sub>MEAN</sub> +3*U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)
0.00	48.7	19.0	105.6
22.50	32.3	18.0	86.3
45.00	13.8	7.3	35.8
67.50	9.5	3.9	21.2
90.00	9.3	3.7	20.4
112.50	11.9	5.7	29.1
135.00	20.6	11.3	54.5
157.50	32.7	14.4	75.8
180.00	44.5	18.6	100.4
202.50	70.2	19.1	127.4
225.00	53.0	21.9	118.7
247.50	16.0	7.7	39.1
270.00	35.4	12.1	71.7
292.50	40.7	12.5	78.1
315.00	55.5	13.2	94.9
337.50	61.0	13.3	100.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.7	7.2	36.4
22.50	11.3	4.5	24.9
45.00	9.2	3.2	18.8
67.50	10.9	4.2	23.4
90.00	12.6	5.4	28.8
112.50	12.5	6.0	30.4
135.00	34.6	19.7	93.6
157.50	20.3	9.9	50.1
180.00	18.7	8.3	43.6
202.50	21.3	8.6	47.2
225.00	24.3	10.6	56.1
247.50	13.7	6.8	34.1
270.00	48.8	17.3	100.7
292.50	58.2	15.2	103.9
315.00	58.5	14.9	83.3
337.50	19.1	8.3	43.9

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	14.9	7.4	37.1
22.50	12.9	6.4	32.1
45.00	16.0	6.6	35.9
67.50	13.1	6.2	31.7
90.00	16.8	8.4	41.9
112.50	28.7	18.5	84.2
135.00	21.3	10.9	54.0
157.50	38.8	14.1	81.0
180.00	41.0	22.0	106.9
202.50	53.7	24.4	127.1
225.00	60.0	23.3	130.0
247.50	15.8	9.3	43.6
270.00	19.4	10.2	50.0
292.50	14.9	7.3	36.6
315.00	16.7	8.2	41.4
337.50	18.7	8.7	44.7

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.6	9.6	46.4
22.50	35.8	21.5	100.3
45.00	18.7	11.3	52.7
67.50	16.8	10.7	48.9
90.00	15.9	9.4	44.0
112.50	24.3	13.4	64.5
135.00	35.4	20.1	95.6
157.50	17.1	8.1	41.4
180.00	24.6	12.4	61.7
202.50	17.1	8.4	42.2
225.00	18.6	9.3	46.5
247.50	16.1	9.5	44.4
270.00	23.5	13.1	62.9
292.50	16.5	7.9	40.3
315.00	17.1	8.8	43.3
337.50	25.5	14.8	69.8

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.5	4.9	24.2
22.50	7.3	2.6	15.0
45.00	10.9	5.2	26.5
67.50	8.9	3.9	20.5
90.00	9.3	4.0	21.3
112.50	14.6	7.4	36.9
135.00	27.5	13.8	68.8
157.50	46.7	19.6	105.5
180.00	38.5	12.7	76.6
202.50	29.2	9.8	58.5
225.00	22.3	8.2	47.0
247.50	16.4	9.0	43.4
270.00	15.0	7.8	38.5
292.50	14.3	7.7	37.4
315.00	9.3	4.1	21.7
337.50	7.6	3.3	17.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	10.7	3.6	21.4
22.50	8.7	3.0	17.6
45.00	7.8	2.3	14.6
67.50	7.7	3.0	16.8
90.00	10.2	4.7	24.3
112.50	9.9	4.7	23.8
135.00	10.3	4.7	24.5
157.50	12.9	5.4	29.2
180.00	19.7	11.0	52.5
202.50	21.2	10.0	51.1
225.00	17.0	7.3	39.0
247.50	14.7	8.0	38.9
270.00	19.2	10.3	50.7
292.50	21.5	11.3	56.0
315.00	8.6	3.7	19.8
337.50	8.5	3.3	18.3

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	7.6	3.0	16.7
22.50	6.6	2.4	13.7
45.00	6.8	2.2	13.5
67.50	6.6	2.8	15.2
90.00	8.8	3.7	19.9
112.50	9.9	4.9	24.6
135.00	16.7	8.9	43.5
157.50	22.5	9.8	52.1
180.00	16.5	7.7	39.7
202.50	11.9	5.3	27.7
225.00	10.6	4.7	24.6
247.50	10.9	4.6	24.8
270.00	18.3	8.5	43.8
292.50	25.4	10.5	56.9
315.00	8.6	3.8	19.9
337.50	8.3	3.7	19.4

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.0	4.8	25.5
22.50	18.9	9.9	48.6
45.00	14.6	7.0	35.5
67.50	12.7	5.5	29.2
90.00	15.0	6.1	33.3
112.50	16.1	6.9	36.8
135.00	12.6	5.7	29.8
157.50	14.2	6.6	34.1
180.00	21.2	10.9	53.9
202.50	12.7	5.6	29.6
225.00	12.2	5.0	27.1
247.50	7.1	2.6	14.8
270.00	6.0	2.5	13.4
292.50	6.8	2.8	15.2
315.00	7.2	2.5	14.1
337.50	8.8	3.5	19.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES  
ONE READING CENTER

\* \* GREATEST VALUES \* \*

U <sub>MEAN</sub> /U <sub>INF</sub> (PERCENT)					U <sub>RMS</sub> /U <sub>INF</sub> (PERCENT)					U <sub>MEAN</sub> +3*U <sub>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
12	202.5	70.2	19.1	127.4	14	202.5	53.7	24.4	127.1	14	225.0	60.0	23.3	130.0
1	112.5	66.7	10.7	98.7	14	225.0	60.0	23.3	130.0	12	202.5	70.2	19.1	127.4
1	0.0	65.2	9.2	92.7	14	180.0	41.0	22.0	106.9	14	202.5	53.7	24.4	127.1
1	135.0	62.2	9.2	89.8	12	225.0	53.0	21.9	118.7	12	225.0	53.0	21.9	118.7
5	90.0	62.2	11.3	96.2	15	22.5	35.8	21.5	100.3	10	157.5	54.6	18.3	109.5
2	337.5	62.0	7.4	84.3	10	67.5	38.3	21.2	101.8	14	180.0	41.0	22.0	106.9
5	67.5	61.8	11.5	96.4	4	90.0	30.9	20.3	91.7	12	0.0	48.7	19.0	105.6
12	337.5	61.0	13.3	100.9	15	135.0	35.4	20.1	95.6	16	157.5	46.7	19.6	105.5
1	157.5	60.8	6.8	81.2	9	22.5	35.4	19.7	94.5	6	202.5	59.5	14.8	103.9
14	225.0	60.0	23.3	130.0	13	135.0	34.6	19.7	93.6	13	292.5	58.2	15.2	103.9

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

PHILADELPHIA PENNSYLVANIA

INT. ARPRT (1965-1974)

SEASON ANNUAL NO. OF OBS = 29211 HT OF MEAS. = 20. FT.

## VELOCITY LEVELS IN MPH

DIRECTION	0- 3	4- 7	8-12	13-18	19-24	25-31	32 +	TOTAL
N	.30	2.00	3.60	2.00	.20	0.00	0.00	8.10
NNE	.20	.60	1.20	.90	.20	0.00	0.00	3.10
NE	.20	.60	1.10	1.00	.20	0.00	0.00	3.20
ENE	.20	1.00	2.20	2.00	.30	0.00	0.00	5.80
E	.40	1.70	2.60	1.10	.10	0.00	0.00	6.00
ESE	.40	1.50	1.00	.20	0.00	0.00	0.00	3.10
SE	.40	1.40	1.00	.30	0.00	0.00	0.00	3.10
SSE	.40	1.50	1.00	.30	0.00	0.00	0.00	3.30
S	.80	2.40	2.60	1.20	.10	0.00	0.00	7.20
SSW	.50	1.60	2.00	.90	.10	0.00	0.00	5.00
SW	.60	3.60	5.20	2.10	.30	0.00	0.00	11.70
WSW	.60	2.90	3.10	1.20	.10	0.00	0.00	7.90
W	.80	3.10	3.40	2.40	.70	.20	0.00	10.60
WNW	.40	1.70	2.80	2.80	.80	.20	0.00	8.70
NW	.30	1.40	2.10	2.60	.70	.10	0.00	7.10
NNW	.20	1.20	2.00	1.60	.30	0.00	0.00	5.40
CALM	.60	0.00	0.00	0.00	0.00	0.00	0.00	.60
TOT	7.30	28.30	37.10	22.60	4.00	.60	.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) and Batts et. al.\*:

50-yr fastest mile at 30 ft = 78 mph

$$\text{Mean hourly wind speed} = \frac{78}{1.28} = 60.9 \text{ mph}$$

$$\text{Mean hourly gradient wind speed} = 60.9 \left( \frac{1000}{30} \right)^{.17} = 110.5 \text{ mph}$$

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

$$\text{Reference pressure} = 0.5 \rho U_{\infty}^2 = (0.00256) (110.5)^2 = 31.3 \text{ psf}$$

Use reference pressure = 31 psf

2. 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.

---

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



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

ONE READING CENTER  
REFERENCE PRESSURE = 31.0 PSF

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK	POSITIVE PEAK
			----- PSF -----	-----				----- PSF -----	-----				----- PSF -----	-----
101	80	-1.36	-42.0	33.8	149	100	-1.61	-49.9	23.0	219	0	-1.27	-39.4	21.1
102	10	-1.18	-34.6	36.6	150	100	-1.21	-37.4	27.2	220	190	-1.53	-47.6	33.3
103	310	-1.65	-51.1	35.3	151	110	-1.99	-30.8	26.5	221	200	-1.34	-41.4	29.0
104	100	-1.93	-59.7	28.2	152	290	-1.11	-34.4	27.5	222	190	-1.49	-46.2	24.3
105	220	-1.11	-34.4	30.8	153	60	-1.40	-43.4	29.5	223	200	-1.51	-46.7	24.0
106	130	-1.30	-40.4	29.7	154	20	-1.15	-33.9	35.6	224	210	-1.62	-50.3	24.0
107	100	-1.09	-33.8	16.4	155	290	-1.03	-32.0	28.6	225	20	-1.49	-46.3	28.7
108	250	-1.04	-32.3	22.0	156	310	-1.30	-40.3	24.9	226	170	-2.12	-65.8	35.2
109	350	-1.33	-41.2	21.3	157	270	-1.98	-61.3	29.0	227	170	-2.27	-70.3	35.0
110	340	-1.21	-37.4	33.4	158	300	-1.67	-51.8	23.8	228	190	-1.42	-44.1	29.8
111	90	-3.06	-94.7	30.7	159	340	-1.02	-24.1	31.8	229	120	-1.25	-33.2	38.6
112	90	-1.63	-50.6	29.0	160	0	-1.89	-14.9	27.7	230	190	-1.15	-35.7	32.4
113	90	-1.40	-43.4	26.7	161	0	-1.73	-14.0	22.8	231	10	-1.20	-37.1	35.4
114	100	-1.33	-41.3	30.6	162	100	-1.46	-45.3	13.8	232	0	-1.30	-40.4	34.5
115	100	-1.46	-45.3	27.6	163	120	-1.36	-42.0	14.8	233	10	-1.15	-35.5	33.6
116	270	-1.71	-53.1	29.7	164	100	-1.91	-59.2	20.1	234	30	-1.25	-38.8	32.4
117	270	-1.63	-50.5	27.6	165	130	-1.57	-48.6	17.8	235	20	-1.45	-45.0	33.6
118	270	-1.15	-35.7	27.2	166	150	-1.24	-38.6	18.4	236	230	-1.55	-48.0	30.9
119	230	-1.16	-36.0	34.3	167	130	-1.32	-40.9	15.3	237	180	-2.06	-64.0	29.0
120	90	-1.86	-57.6	31.4	168	130	-1.05	-32.7	16.7	238	180	-1.54	-47.7	34.4
121	90	-2.12	-65.6	31.2	169	100	-1.95	-60.6	15.4	239	180	-1.31	-40.5	30.5
122	90	-1.31	-40.6	33.9	170	10	-1.68	-17.0	21.0	240	190	-1.29	-39.9	30.7
123	0	-1.11	-34.4	34.5	171	110	-2.02	-62.5	14.2	241	190	-1.23	-38.1	33.8
124	270	-1.20	-37.3	32.8	172	100	-1.75	-54.1	18.6	242	180	-1.07	-33.1	33.0
125	290	-1.87	-58.0	32.7	173	110	-1.30	-40.3	24.3	243	20	-1.23	-38.1	32.9
126	290	-1.95	-60.6	37.1	174	120	-1.53	-47.5	25.3	244	10	-1.20	-37.2	34.3
127	350	-1.11	-31.7	34.4	175	130	-1.53	-47.4	24.6	245	20	-1.29	-39.9	30.5
128	330	-1.07	-33.0	33.2	176	130	-1.22	-37.7	24.1	246	20	-1.33	-41.1	31.3
129	90	-1.34	-41.7	31.6	177	120	-1.14	-35.5	20.4	247	20	-1.26	-39.2	31.7
130	90	-1.48	-46.0	32.9	178	130	-1.93	-28.8	19.5	248	180	-1.87	-58.1	28.5
131	100	-1.37	-42.4	35.0	201	190	-1.74	-53.9	33.1	249	180	-1.54	-47.7	27.9
132	100	-1.20	-37.3	31.6	202	200	-1.58	-49.1	33.1	250	190	-1.53	-47.4	29.9
133	270	-1.19	-37.0	34.9	203	220	-1.50	-46.6	30.3	251	190	-1.25	-38.9	26.5
134	290	-1.71	-52.9	33.1	204	20	-1.06	-33.0	32.1	252	190	-1.40	-43.4	27.4
135	290	-1.86	-57.7	30.9	205	10	-1.45	-45.0	32.9	253	10	-1.32	-40.9	33.4
136	330	-1.07	-32.2	33.2	206	20	-1.52	-47.0	32.4	254	190	-1.38	-42.6	30.0
137	50	-1.06	-32.8	32.8	207	180	-1.76	-54.4	9.3	255	20	-1.56	-48.3	26.9
138	90	-1.63	-50.6	31.2	208	200	-1.60	-49.5	9.6	256	30	-1.46	-45.2	35.1
139	100	-1.62	-50.2	33.1	209	190	-1.40	-43.4	9.1	257	20	-1.53	-47.5	29.5
140	100	-1.54	-47.8	31.4	210	100	-1.27	-39.3	7.0	258	30	-1.36	-42.3	27.3
141	110	-1.39	-43.2	30.7	211	340	-1.07	-33.2	5.0	259	200	-1.50	-46.4	24.2
142	100	-1.27	-39.4	29.4	212	20	-1.22	-37.9	25.4	260	10	-1.52	-47.1	24.5
143	290	-1.53	-47.3	31.9	213	100	-1.35	-42.0	24.6	261	10	-1.26	-39.1	30.0
144	280	-1.63	-50.5	32.1	214	340	-1.44	-44.6	26.3	262	190	-1.73	-53.6	22.4
145	50	-1.48	-45.8	31.9	215	180	-2.01	-62.2	29.4	263	190	-1.73	-53.8	21.2
146	40	-1.20	-37.2	30.8	216	170	-1.78	-55.3	26.0	264	190	-1.77	-54.8	25.1
147	90	-1.57	-48.7	22.5	217	0	-1.55	-48.1	22.4	265	190	-1.52	-47.0	22.4
148	120	-1.53	-47.3	21.9	218	190	-1.45	-44.9	21.3	266	210	-1.33	-41.3	21.3

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

ONE READING CENTER  
REFERENCE PRESSURE = 31.0 PSF

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF	TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK PSF	POSITIVE PEAK PSF
267	10	-1.28	-39.8	21.5	410	230	-1.35	-42.0	41.3	458	110	-1.64	-50.8	24.9
268	10	-1.57	-48.6	24.2	411	190	-1.48	-45.8	22.6	459	110	-1.63	-52.3	24.8
269	20	-1.29	-40.1	25.6	412	230	-1.34	-29.7	41.6	460	100	-1.50	-46.6	25.9
270	20	-1.20	-37.3	19.6	413	310	-1.52	-47.1	25.8	461	110	-1.75	-54.3	19.7
271	190	-2.18	-67.5	18.4	414	310	-1.27	-39.5	30.0	462	230	-1.08	-33.5	24.3
272	190	-1.85	-57.4	17.9	415	270	-1.95	-60.5	29.8	463	100	-1.00	-30.9	24.6
273	200	-1.62	-50.3	17.6	416	280	-1.66	-48.5	27.3	464	200	-1.99	-29.2	30.6
274	190	-1.18	-36.5	13.0	417	110	-1.69	-52.4	28.4	465	80	-1.85	-26.4	17.3
275	210	-1.97	-30.0	15.7	418	110	-1.64	-51.0	28.9	466	80	-1.18	-36.7	14.9
276	330	-1.98	-30.4	15.1	419	120	-2.95	-91.3	30.0	467	80	-1.96	-29.7	14.6
277	20	-1.41	-43.7	16.6	420	280	-1.52	-47.1	27.5	468	80	-1.20	-37.3	17.1
278	10	-2.13	-65.9	15.3	421	290	-1.26	-39.1	29.3	469	100	-1.16	-36.0	15.5
279	10	-2.07	-64.2	13.8	422	290	-1.45	-44.9	28.8	470	90	-1.45	-45.0	17.5
280	140	-1.15	-35.7	14.1	423	290	-1.54	-47.7	37.0	471	100	-1.65	-51.0	20.2
281	210	-1.63	-19.5	11.5	424	290	-2.03	-62.8	34.7	472	100	-1.21	-37.5	16.0
282	140	-1.75	-23.5	11.9	425	290	-1.60	-49.5	35.0	473	80	-1.79	-24.5	20.4
283	90	-1.43	-12.6	13.3	426	110	-1.29	-40.1	32.3	474	50	-1.00	-31.0	22.0
284	90	-1.51	-13.6	15.9	427	110	-1.51	-47.0	31.8	475	60	-1.91	-28.2	27.1
285	0	-1.22	-38.0	12.8	428	110	-1.57	-48.7	32.8	476	50	-1.00	-31.0	26.6
286	320	-1.96	-29.7	12.0	429	110	-1.94	-29.1	26.9	477	90	-1.17	-36.3	24.8
287	130	-1.22	-37.8	10.7	430	230	-1.05	-29.9	32.5	478	90	-1.38	-42.8	23.6
288	130	-1.95	-29.5	7.2	431	220	-1.13	-32.9	34.9	479	100	-1.40	-43.4	19.6
289	140	-1.69	-21.3	6.1	432	230	-1.29	-35.2	40.0	480	200	-1.30	-40.4	16.3
290	220	-1.45	-13.8	6.2	433	110	-1.29	-39.9	33.9	501	0	-1.78	-55.2	34.7
291	210	-1.33	-10.2	5.8	434	110	-1.31	-40.6	35.0	502	10	-1.35	-41.9	35.8
292	0	-1.37	-11.4	5.2	435	110	-1.60	-49.6	32.6	503	270	-1.15	-33.8	35.7
293	200	-1.41	-43.7	17.6	436	110	-1.54	-47.6	31.0	504	230	-1.17	-36.4	34.1
294	200	-1.02	-31.7	23.7	437	120	-1.29	-39.9	29.7	505	150	-2.03	-62.9	37.2
295	130	-1.68	-16.4	21.0	438	290	-1.39	-43.0	34.8	506	200	-1.76	-54.6	34.6
296	130	-1.79	-22.6	24.4	439	300	-1.44	-44.5	33.1	507	320	-1.08	-33.6	30.5
297	70	-1.81	-13.7	25.2	440	290	-1.66	-51.4	32.3	508	0	-1.07	-33.1	31.8
298	330	-1.72	-22.4	21.9	441	300	-1.15	-35.5	25.7	509	230	-1.30	-40.4	37.2
299	50	-1.52	-14.2	16.1	442	290	-1.38	-42.9	30.3	510	200	-1.43	-44.2	27.7
300	330	-1.43	-13.3	13.1	443	90	-1.21	-37.4	32.3	511	220	-1.06	-32.9	32.5
301	320	-1.41	-11.2	12.7	444	300	-1.14	-35.2	30.7	512	230	-1.42	-43.9	24.2
302	210	-1.62	-19.2	11.1	445	300	-1.21	-37.6	30.1	513	10	-1.55	-48.2	29.0
303	210	-1.33	-10.4	9.4	446	310	-1.18	-36.6	31.4	514	0	-1.30	-40.4	27.1
304	330	-1.46	-14.3	4.4	447	110	-1.52	-47.1	28.4	515	230	-1.26	-39.2	30.5
305	290	-1.39	-12.0	5.3	448	110	-1.52	-47.3	30.3	516	200	-1.56	-48.4	30.8
401	270	-1.45	-44.9	41.5	449	110	-1.67	-51.9	28.1	517	240	-1.06	-30.8	32.8
402	220	-1.17	-31.3	36.3	450	310	-1.31	-40.6	31.4	518	200	-1.61	-49.8	32.6
403	120	-1.66	-51.5	33.7	451	290	-1.40	-43.3	35.2	519	220	-1.37	-30.4	42.6
404	230	-1.41	-43.6	24.0	452	280	-1.69	-52.5	32.0	520	270	-1.75	-46.1	54.2
405	230	-1.35	-38.3	41.9	453	170	-1.04	-27.9	32.1	521	260	-1.07	-32.5	33.2
406	330	-1.20	-37.2	29.3	454	230	-1.09	-31.6	33.8	522	280	-1.06	-32.8	32.9
407	270	-1.06	-32.8	27.9	455	140	-1.07	-33.0	28.8	523	40	-1.28	-39.6	35.8
408	110	-1.42	-43.9	34.6	456	310	-1.80	-24.7	24.0	524	320	-1.18	-26.3	36.7
409	190	-1.20	-37.1	27.5	457	100	-1.07	-33.3	24.9	525	30	-1.28	-39.5	34.0

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

ONE READING CENTER  
REFERENCE PRESSURE = 31.0 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
526	140	-1.26	-39.2	35.5	574	210	-.78	-24.3	15.2	802	200	-.64	-20.0	18.6
527	180	-1.27	-39.3	32.8	575	210	-.58	-17.9	13.1	803	350	-.76	-23.5	12.5
528	190	-1.83	-56.8	34.3	576	130	-.73	-23.3	13.7	901	220	-1.20	-36.0	37.1
529	230	-1.68	-52.1	30.3	577	130	-.81	-25.1	19.0	902	170	-1.43	-44.2	22.4
530	230	-1.81	-56.2	26.4	578	80	-1.42	-44.1	15.5	903	270	-1.35	-42.0	22.1
531	220	-2.04	-63.2	30.0	579	60	-.82	-25.4	20.4	904	0	-1.24	-38.5	15.9
532	290	-1.17	-36.3	33.8	580	320	-.69	-19.4	21.3	905	330	-1.17	-32.2	36.2
533	230	-1.08	-30.8	33.3	581	20	-.61	-12.9	18.8	906	130	-.87	-27.0	22.5
534	330	-1.08	-31.3	33.4	582	320	-.66	-11.7	20.4	907	130	-.75	-23.4	14.2
535	310	-1.17	-30.0	36.4	583	140	-1.57	-48.5	17.8	908	220	-.75	-23.4	14.8
536	340	-1.26	-39.2	31.5	584	320	-.69	-12.9	21.5	909	220	-.83	-25.8	15.8
537	300	-1.29	-38.0	39.9	585	330	-.86	-13.0	26.7	910	210	-.79	-24.6	13.8
538	290	-1.11	-33.5	34.4	586	320	-.95	-13.5	29.4	911	230	-1.41	-43.7	19.9
539	230	-1.20	-37.1	35.1	601	90	-.46	-14.3	6.1	912	190	-.85	-26.3	12.6
540	230	-1.69	-52.2	31.6	602	160	-.53	-16.5	7.7	913	270	-1.52	-47.0	38.7
541	230	-1.44	-44.5	22.2	603	210	-.45	-13.8	6.2	914	210	-1.59	-49.2	20.7
542	220	-1.30	-40.2	18.3	604	170	-.57	-17.5	7.6	915	200	-1.00	-31.2	17.6
543	230	-1.18	-28.7	36.7	605	210	-.51	-15.8	7.1	916	340	-1.26	-39.0	15.1
544	230	-1.06	-32.5	33.0	606	210	-.74	-22.8	12.1	917	10	-1.69	-52.3	9.8
545	290	-1.20	-37.1	36.3	607	210	-.70	-21.7	13.2	918	140	-1.34	-41.5	24.5
546	160	-1.44	-44.6	33.4	608	170	-.36	-11.0	4.5	919	140	-.87	-27.1	14.6
547	40	-.97	-30.1	28.2	609	170	-.35	-10.8	5.5	920	150	-.61	-18.9	15.0
548	40	-1.01	-31.2	30.0	610	160	-.42	-13.1	5.2	921	150	-1.07	-33.0	11.6
549	30	-1.55	-48.1	27.9	611	170	-.44	-13.7	5.1	922	200	-.66	-20.5	15.0
550	60	-1.61	-50.0	29.2	612	220	-.35	-10.9	5.4	923	230	-1.09	-32.0	33.7
551	10	-1.30	-40.3	24.6	613	220	-.49	-15.0	6.0	924	190	-1.99	-61.7	18.0
552	200	-1.21	-37.6	26.9	614	220	-.76	-23.4	6.1	925	200	-.89	-27.7	9.5
553	190	-1.58	-48.9	28.1	615	160	-.49	-15.2	4.6	926	190	-1.69	-52.4	14.5
554	230	-1.85	-57.4	27.0	616	130	-.50	-15.6	4.0	927	200	-1.43	-44.3	13.1
555	230	-1.66	-51.4	16.4	617	160	-.57	-17.6	5.8	928	190	-1.42	-44.0	8.1
556	290	-1.10	-34.3	33.3	618	170	-.44	-13.7	7.0	929	210	-1.30	-40.2	9.5
557	290	-1.24	-38.5	35.5	619	130	-.41	-9.7	12.6	930	350	-1.25	-38.8	7.2
558	290	-1.19	-36.8	23.1	620	130	-.42	-12.9	13.0	931	310	-1.04	-32.3	8.1
559	310	-1.19	-36.9	30.6	621	220	-.45	-13.8	8.8	932	120	-1.05	-32.6	27.6
560	40	-1.45	-44.9	31.0	701	90	-.45	-13.8	6.7	933	130	-.78	-24.3	15.0
561	320	-1.04	-26.5	32.3	702	140	-.86	-26.5	18.2	934	220	-.52	-16.1	15.8
562	20	-2.07	-64.3	24.2	703	130	-.83	-25.6	12.8	935	130	-1.20	-37.2	14.1
563	10	-.93	-28.9	25.2	704	130	-1.03	-31.9	10.9	936	220	-.56	-17.4	13.0
564	330	-.85	-24.5	26.4	705	200	-.53	-16.4	14.2	937	130	-1.31	-40.7	22.2
565	300	-.98	-25.2	30.3	707	130	1.05	-16.2	32.5	938	110	-1.34	-41.7	16.6
566	270	-.77	-22.0	23.8	708	290	-.85	-24.4	26.3	939	200	-.65	-20.3	11.2
567	210	-.83	-25.8	10.9	709	300	-.82	-16.6	25.5	940	160	-1.17	-36.2	9.4
568	160	-1.59	-49.4	7.3	710	0	-.66	-18.4	20.5	941	60	-1.70	-52.6	12.4
569	220	-1.27	-26.8	39.5	711	130	-.69	-21.5	21.0	942	110	-1.07	-33.1	11.5
570	160	-1.39	-43.2	31.1	712	50	-.50	-15.3	15.6	943	180	-1.39	-43.1	27.5
571	10	-1.41	-43.7	26.3	713	130	1.15	-24.7	35.5	944	190	-1.48	-46.0	41.2
572	300	-1.80	-55.7	23.5	714	130	-.92	-21.7	28.4	945	140	-1.31	-40.7	21.5
573	160	-.70	-21.7	12.3	801	70	-1.03	-32.1	17.8	946	70	-1.10	-34.0	8.7

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

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF -----	POSITIVE PEAK -----
947	90	-1.73	-53.7	24.2
948	150	-.81	-25.2	20.5
949	130	1.03	-25.0	31.9
950	190	-1.01	-31.4	18.1
951	210	-.55	-17.1	11.6
1101	0	-1.10	-34.2	22.4
1102	250	-1.12	-34.8	23.0
1103	160	-.94	-29.1	23.1
1104	160	-1.11	-34.5	27.3
1105	70	-.91	-24.8	28.2
1106	340	-1.31	-40.6	30.3
1107	170	-.82	-25.3	25.1
1108	80	-.94	-29.1	27.8
1109	240	-.77	-23.9	23.7
1110	350	-1.06	-32.9	19.6

ONE READING CENTER  
REFERENCE PRESSURE = 31.0 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 -----
1111	180	-1.15	-35.7	27.9	1301	310	-1.17	-36.4	29.9	1301	310	-1.17	-36.4	29.9
1112	250	-.87	-24.8	26.9	1302	310	-.92	-28.5	27.0	1302	310	-.92	-28.5	27.0
1113	10	-1.03	-31.9	10.3	1303	140	-1.45	-44.8	29.4	1303	140	-1.45	-44.8	29.4
1201	50	-1.02	-31.7	20.6	1304	0	-1.93	-59.8	17.2	1304	0	-1.93	-59.8	17.2
1202	350	-1.20	-37.1	30.9	1305	190	-1.04	-26.7	32.1	1305	190	-1.04	-26.7	32.1
1203	330	-1.43	-44.4	20.3	1306	350	-1.53	-47.3	16.6	1306	350	-1.53	-47.3	16.6
1204	0	-1.09	-33.7	26.1	1307	320	1.12	-24.8	34.6	1307	320	1.12	-24.8	34.6
1205	0	-1.53	-47.5	25.2	1308	300	1.21	-21.5	37.4	1308	300	1.21	-21.5	37.4
1206	50	-1.00	-31.0	27.3	1309	350	-1.31	-40.7	36.9	1309	350	-1.31	-40.7	36.9
1207	30	-.90	-25.7	27.8	1310	180	-1.05	-32.6	18.3	1310	180	-1.05	-32.6	18.3
1208	60	-.90	-28.0	26.7	1311	350	-1.02	-31.5	20.8	1311	350	-1.02	-31.5	20.8
1209	50	-2.08	-64.5	19.1	1312	160	-1.26	-38.9	16.2	1312	160	-1.26	-38.9	16.2
1210	20	-1.19	-36.8	20.6	1313	290	1.00	-29.4	31.0	1313	290	1.00	-29.4	31.0
1211	350	-1.35	-41.8	16.6	1314	310	-1.15	-35.7	24.1	1314	310	-1.15	-35.7	24.1

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

ONE READING CENTER  
REFERENCE PRESSURE = 31.0 PSF

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

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
111	90	-3.06	-94.7	30.7
419	120	-2.95	-91.3	30.0
227	170	-2.27	-70.3	33.0
271	190	-2.18	-67.5	18.4
278	10	-2.13	-65.9	15.3
226	170	-2.12	-65.8	35.2
121	90	-2.12	-65.6	31.2
1209	50	-2.08	-64.5	19.1
562	20	-2.07	-64.3	24.2
279	10	-2.07	-64.2	13.8
237	180	-2.06	-64.0	29.0
531	220	-2.04	-63.2	30.0
505	150	-2.03	-62.9	37.2
424	290	-2.03	-62.8	34.7
171	110	-2.02	-62.5	14.2

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

					ONE READING CENTER REFERENCE PRESSURE = 31.0 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 -----
111	96	-2.79	-86.5	25.0	227	176	-2.02	-62.6	32.4	419	122	-2.69	-83.4	31.8
121	90	-1.63	-50.5	32.0	271	188	-1.85	-57.4	18.2	562	4	-2.31	-71.7	19.1
226	180	-2.70	-83.7	35.6	278	6	-2.38	-73.8	17.0					

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

ONE READING CENTER  
REFERENCE PRESSURE = 31.9 PSF

\* \* 8 GREATEST PRESSURE MAGNITUDES \* \*

TAP	AZI- MUTH	PRESS COEFF	NEGATIVE PEAK ----- PSF	POSITIVE PEAK -----
111	96	-2.79	-86.5	25.0
226	180	-2.70	-83.7	35.6
419	122	-2.69	-83.4	31.8
278	6	-2.38	-73.8	17.0
562	4	-2.31	-71.7	19.1
227	176	-2.02	-62.6	32.4
271	188	-1.85	-57.4	18.2
121	90	-1.63	-50.5	32.0

TABLE 6B COMPARISON OF CONFIGURATIONS A AND B : ONE READING CENTER  
TAPS WHERE NEGATIVE PEAK LOAD FOR CONFIG. B EXCEEDED THAT FOR CONFIG. A BY 5 PSF  
REF PRESSURE = 31.0 PSF

TAP	AZIMUTH	A CONFIG PSF LOAD	AZIMUTH	B CONFIG PSF LOAD
226	170	-65.8	180	-83.7
278	10	-65.9	6	-73.8
562	20	-64.3	4	-71.7



TABLE 7 BASE SHEAR AND MOMENT SUMMARY : ONE READING CENTER  
CONFIGURATION A REFERENCE PRESSURE 31.0 GUST FACTOR 1.32

AZIMUTH	SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			ECCEN (FT)	
	X	Y	X	Y	Z	X	Y
0	-1383.2	-937.4	155.9	-322.8	-18.5	6	-9
10	-1248.6	-736.6	120.1	-288.7	-23.1	8	-14
20	-1120.6	-501.8	70.4	-252.4	-29.3	10	-22
30	-919.5	303.1	-115.6	-208.9	-17.6	-6	-17
40	-767.0	854.9	-243.0	-169.6	-1.3	-1	-1
50	-743.7	1357.2	-345.7	-160.7	10.4	6	3
60	-631.4	1479.6	-371.9	-130.1	14.6	8	4
70	-450.6	1579.1	-383.7	-80.3	18.6	11	3
80	-207.9	1643.1	-389.0	-15.1	23.9	14	2
90	-47.1	1518.8	-370.4	29.9	19.6	13	0
100	9.5	1528.2	-380.2	25.2	13.7	9	-0
110	-36.5	1277.6	-332.7	-21.1	1.9	-2	0
120	332.8	1089.3	-279.2	39.0	-3.6	-3	1
130	463.0	1814.0	-449.7	72.8	-18.6	-10	2
140	569.8	1440.3	-367.3	116.9	-6.7	-4	2
150	917.5	881.2	-248.4	199.8	-2	-0	0
160	1253.7	782.6	-215.7	274.9	15.1	5	-9
170	1024.7	269.5	-98.6	231.4	23.6	6	-22
180	1211.3	-349.9	39.3	277.4	37.7	-8	-29
190	1284.6	-810.1	150.9	301.5	37.2	-13	-21
200	1313.7	-752.9	120.4	312.7	24.4	-8	-14
210	1383.5	-766.2	118.8	328.1	17.6	-5	-10
220	1273.7	-746.8	123.5	303.3	13.8	-5	-8
230	1068.9	-366.7	39.5	263.9	12.8	-4	-11
240	531.4	-286.6	33.0	122.0	9.4	-7	-14
250	245.5	-202.4	19.8	49.9	3.2	-6	-8
260	188.7	-533.0	117.6	48.5	-3.9	6	2
270	152.6	-781.0	189.9	43.4	-1.8	2	0
280	-31.8	-872.9	204.4	-1.5	-8.1	9	-0
290	-319.0	-1030.9	235.9	-76.1	-18.2	16	-5
300	-571.2	-1153.3	257.2	-135.8	-23.9	17	-8
310	-789.5	-1470.6	315.1	-173.4	-27.9	15	-8
320	-1047.5	-1642.6	341.1	-241.1	-31.2	13	-9
330	-1308.3	-1638.0	325.8	-307.6	-31.2	12	-9
340	-1387.0	-1528.2	293.5	-331.2	-27.8	10	-9
350	-1358.3	-1233.5	224.6	-326.1	-23.3	9	-9

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 0		ONE READING CENTER CONFIGURATION A		REFERENCE PRESSURE 31.0 PSF		GUST FACTOR 1.32								
FLOOR	HEIGHT	FORCE (KIPS) X Y		AREA (SQ FT) X Y		PRESSURE (PSF) X Y		ECCEN (FT) X Y		SHEAR (KIPS) X Y		MOMENT (1000-FT-KIPS) X Y Z		
1ST	0.00	-26.6	-37.4	1450	2247	-18.3	-16.6	12	-8	-1383.2	-937.4	155.9	-322.8	-18.5
2ND	23.00	-18.6	-32.2	945	1466	-19.6	-22.0	18	-10	-1356.6	-900.1	134.7	-291.3	-17.8
3RD	38.00	-30.6	-41.8	1576	1701	-19.4	-24.6	17	-12	-1338.1	-867.8	121.5	-271.1	-17.1
4TH	50.50	-27.3	-47.6	1513	1934	-18.1	-24.6	17	-10	-1307.5	-826.1	110.9	-254.5	-16.0
5TH	62.50	-28.8	-50.4	1702	1869	-16.9	-26.9	18	-10	-1280.1	-778.5	101.3	-239.0	-14.9
6TH	75.50	-29.4	-48.7	1664	1701	-17.7	-28.6	16	-10	-1251.4	-728.1	91.5	-222.5	-13.7
7TH	88.00	-32.0	-49.2	1664	1701	-19.2	-28.9	13	-8	-1222.0	-679.4	82.7	-207.1	-12.7
8TH	100.50	-34.5	-49.6	1664	1701	-20.7	-29.2	10	-7	-1190.0	-630.2	74.5	-192.0	-11.8
9TH	113.00	-37.0	-50.1	1664	1701	-22.2	-29.4	7	-5	-1155.5	-580.6	66.9	-177.3	-11.1
10TH	125.50	-39.3	-50.5	1664	1701	-23.6	-29.7	4	-3	-1118.5	-530.6	60.0	-163.1	-10.6
11TH	138.00	-40.9	-39.6	1585	2177	-25.8	-18.2	14	-14	-1079.2	-480.1	53.7	-149.4	-10.2
12TH	150.50	-42.7	-35.5	1551	2301	-27.5	-15.4	15	-18	-1038.3	-440.4	47.9	-136.2	-9.1
13TH	163.00	-44.4	-33.2	1551	2301	-28.6	-14.4	13	-17	-995.6	-404.9	42.6	-123.5	-7.8
14TH	175.50	-46.1	-30.8	1551	2301	-29.7	-13.4	10	-15	-951.2	-371.8	37.8	-111.3	-6.6
15TH	188.00	-47.8	-28.5	1551	2301	-30.8	-12.4	8	-14	-905.1	-341.0	33.3	-99.7	-5.6
16TH	200.50	-49.5	-26.2	1551	2301	-31.9	-11.4	6	-12	-857.3	-312.5	29.2	-88.7	-4.7
17TH	213.00	-51.3	-23.9	1551	2301	-33.0	-10.4	5	-10	-807.7	-286.3	25.5	-78.3	-4.0
18TH	225.50	-52.6	-22.3	1551	2301	-33.9	-9.7	3	-7	-756.5	-262.4	22.1	-68.5	-3.4
19TH	238.00	-52.7	-21.6	1551	2301	-33.9	-9.4	2	-6	-703.9	-240.1	18.9	-59.4	-2.9
20TH	250.50	-52.8	-20.9	1551	2301	-34.0	-9.1	2	-6	-651.3	-218.5	16.1	-50.9	-2.6
21ST	263.00	-52.8	-20.3	1551	2301	-34.1	-8.8	2	-5	-598.5	-197.6	13.5	-43.1	-2.2
22ND	275.50	-52.9	-19.6	1551	2301	-34.1	-8.5	2	-5	-545.7	-177.3	11.1	-35.9	-1.9
23RD	288.00	-53.0	-19.0	1551	2301	-34.2	-8.2	2	-5	-492.7	-157.7	9.0	-29.4	-1.6
24TH	300.50	-53.1	-18.3	1551	2301	-34.2	-8.0	2	-5	-439.7	-138.7	7.2	-23.6	-1.3
25TH	313.00	-53.1	-18.0	1551	2301	-34.2	-7.8	1	-4	-386.6	-120.4	5.5	-18.4	-1.1

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER		REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 0		CONFIGURATION A												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-52.8	-17.5	1551	2301	-34.0	-7.6	1	-4	-333.5	-102.3	4.2	-13.9	-1.8
27TH	338.00	-52.5	-16.8	1551	2301	-33.8	-7.3	1	-4	-280.7	-84.8	3.0	-10.1	-1.6
28TH	350.50	-52.1	-16.2	1551	2301	-33.6	-7.0	1	-5	-228.2	-68.0	2.0	-6.9	-1.4
29TH	363.00	-51.8	-15.6	1551	2301	-33.4	-6.8	1	-5	-176.1	-51.8	1.3	-4.4	-1.1
30TH	375.50	-48.5	-14.2	1551	2301	-31.2	-6.2	1	-3	-124.3	-36.3	.7	-2.5	.2
31ST	388.00	-45.8	-12.7	1613	2393	-28.4	-5.3	-0	0	-75.8	-22.0	.4	-1.3	.3
32ND	401.00	-9.5	-4.0	1404	1559	-6.8	-2.6	-8	19	-30.0	-9.4	.2	-.6	.3
ROOF	415.50	-20.5	-5.4	845	1610	-24.3	-3.3	-1	5	-20.5	-5.4	.1	-.2	.1
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 10		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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									-1248.6	-736.6	120.1	-288.7	-23.1
2ND	23.00	-22.3	-27.7	1450	2247	-15.4	-12.3	11	-9	-1226.2	-708.9	103.5	-260.2	-22.6
3RD	38.00	-15.6	-25.2	945	1466	-16.5	-17.2	19	-12	-1210.6	-683.6	93.0	-242.0	-22.0
4TH	50.50	-30.8	-34.9	1576	1701	-19.5	-20.5	16	-14	-1179.9	-648.7	84.7	-227.0	-21.0
5TH	62.50	-26.5	-40.5	1513	1934	-17.6	-21.0	17	-11	-1153.3	-608.2	77.1	-213.0	-20.0
6TH	75.50	-26.8	-41.7	1702	1869	-15.7	-22.3	19	-12	-1126.5	-566.4	69.5	-198.2	-18.9
7TH	88.00	-27.0	-40.4	1664	1701	-16.2	-23.8	18	-12	-1099.5	-526.0	62.7	-184.3	-17.8
8TH	100.50	-29.3	-41.3	1664	1701	-17.6	-24.3	16	-11	-1070.2	-484.7	56.4	-170.7	-16.8
9TH	113.00	-31.7	-42.3	1664	1701	-19.0	-24.9	14	-10	-1038.5	-442.4	50.6	-157.5	-15.9
10TH	125.50	-34.0	-43.2	1664	1701	-20.4	-25.4	12	-9	-1004.6	-399.2	45.3	-144.8	-15.1
11TH	138.00	-36.1	-44.1	1664	1701	-21.7	-25.9	10	-8	-968.5	-355.1	40.6	-132.4	-14.3
12TH	150.50	-38.9	-32.8	1585	2177	-24.5	-15.1	17	-20	-929.6	-322.3	36.4	-120.6	-13.0
13TH	163.00	-40.2	-28.1	1551	2301	-25.9	-12.2	16	-23	-889.4	-294.2	32.5	-109.2	-11.6
14TH	175.50	-41.3	-25.6	1551	2301	-26.6	-11.1	13	-21	-848.1	-268.6	29.0	-98.4	-10.4
15TH	188.00	-42.3	-23.1	1551	2301	-27.3	-10.0	11	-19	-805.8	-245.6	25.8	-88.0	-9.3
16TH	200.50	-43.4	-20.6	1551	2301	-28.0	-8.9	8	-17	-762.4	-225.0	22.8	-78.2	-8.4
17TH	213.00	-44.5	-18.1	1551	2301	-28.7	-7.9	6	-14	-717.9	-206.9	20.1	-69.0	-7.7
18TH	225.50	-45.6	-15.6	1551	2301	-29.4	-6.8	4	-11	-672.4	-191.3	17.6	-60.3	-7.1
19TH	238.00	-46.5	-13.8	1551	2301	-30.0	-6.0	2	-8	-625.9	-177.6	15.3	-52.2	-6.7
20TH	250.50	-46.8	-13.4	1551	2301	-30.1	-5.8	2	-7	-579.1	-164.1	13.2	-44.6	-6.4
21ST	263.00	-47.0	-13.3	1551	2301	-30.3	-5.8	2	-8	-532.1	-150.8	11.2	-37.7	-5.9
22ND	275.50	-47.3	-13.1	1551	2301	-30.5	-5.7	2	-9	-484.8	-137.7	9.4	-31.3	-5.5
23RD	288.00	-47.6	-13.0	1551	2301	-30.7	-5.6	3	-9	-437.2	-124.7	7.8	-25.6	-5.0
24TH	300.50	-47.9	-12.8	1551	2301	-30.9	-5.6	3	-10	-389.3	-111.9	6.3	-20.4	-4.5
25TH	313.00	-48.2	-12.7	1551	2301	-31.0	-5.5	3	-11	-341.1	-99.2	5.0	-15.8	-3.9
		-48.4	-12.8	1551	2301	-31.2	-5.5	3	-11					

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32		
WIND DIRECTION 10														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-47.9	-12.7	1551	2301	-30.9	-5.5	3	-11	-292.7	-86.4	3.8	-11.9	-3.4
27TH	338.00	-47.5	-12.5	1551	2301	-30.6	-5.5	3	-12	-244.8	-73.7	2.8	-8.5	-2.8
28TH	350.50	-47.0	-12.4	1551	2301	-30.3	-5.4	3	-13	-197.3	-61.2	2.0	-5.8	-2.2
29TH	363.00	-46.5	-12.2	1551	2301	-30.0	-5.3	4	-13	-150.4	-48.8	1.3	-3.6	-1.5
30TH	375.50	-43.5	-12.4	1551	2301	-28.1	-5.4	3	-12	-103.9	-36.5	.8	-2.0	-.9
31ST	388.00	-41.2	-13.3	1613	2393	-25.5	-5.6	3	-8	-60.3	-24.2	.4	-1.0	-.3
32ND	401.00	-1.9	-5.9	1404	1559	-1.4	-3.8	-1	0	-19.2	-10.8	.2	-.4	.1
ROOF	415.50	-17.2	-4.9	845	1610	-20.4	-3.1	-1	3	-17.2	-4.9	.1	-.2	.1
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-22.4	-21.0	1450	2247	-15.5	-9.4	6	-6	-1120.6	-501.8	79.4	-252.4	-29.3
2ND	23.00	-15.2	-20.5	945	1466	-16.1	-14.0	15	-11	-1098.2	-480.7	59.1	-226.9	-29.0
3RD	38.00	-32.7	-30.7	1576	1701	-20.8	-18.0	13	-14	-1082.9	-460.2	52.1	-210.5	-28.6
4TH	50.50	-27.7	-35.7	1513	1934	-18.3	-18.5	14	-11	-1050.2	-429.5	46.5	-197.2	-27.7
5TH	62.50	-27.3	-35.9	1702	1869	-16.0	-19.2	16	-12	-1022.5	-393.7	41.6	-184.8	-26.9
6TH	75.50	-26.9	-34.5	1664	1701	-16.2	-20.3	16	-12	-995.3	-357.8	36.7	-171.7	-26.1
7TH	88.00	-28.7	-34.9	1664	1701	-17.2	-20.5	14	-12	-968.4	-323.3	32.4	-159.4	-25.2
8TH	100.50	-30.5	-35.3	1664	1701	-18.3	-20.7	13	-11	-939.7	-288.4	28.6	-147.5	-24.4
9TH	113.00	-32.3	-35.7	1664	1701	-19.4	-21.0	12	-11	-909.2	-253.2	25.2	-135.9	-23.6
10TH	125.50	-33.9	-36.1	1664	1701	-20.4	-21.2	11	-10	-876.9	-217.5	22.3	-124.7	-22.8
11TH	138.00	-36.1	-24.7	1585	2177	-22.8	-11.3	15	-22	-843.1	-181.4	19.8	-114.0	-22.0
12TH	150.50	-36.7	-19.3	1551	2301	-23.6	-8.4	14	-26	-807.0	-156.7	17.7	-103.7	-20.9
13TH	163.00	-37.3	-16.3	1551	2301	-24.1	-7.1	11	-26	-770.3	-137.4	15.9	-93.8	-19.6
14TH	175.50	-38.0	-13.3	1551	2301	-24.5	-5.8	9	-25	-733.0	-121.1	14.2	-84.4	-18.5
15TH	188.00	-38.6	-10.2	1551	2301	-24.9	-4.5	6	-24	-695.0	-107.9	12.8	-75.5	-17.4
16TH	200.50	-39.2	-7.2	1551	2301	-25.3	-3.1	4	-22	-656.5	-97.6	11.5	-67.0	-16.4
17TH	213.00	-39.9	-4.2	1551	2301	-25.7	-1.8	2	-20	-617.2	-90.4	10.3	-59.1	-15.5
18TH	225.50	-40.7	-1.7	1551	2301	-26.3	-.7	1	-18	-577.4	-86.2	9.2	-51.6	-14.7
19TH	238.00	-40.8	-2.1	1551	2301	-26.3	-.9	1	-18	-536.6	-84.5	8.2	-44.7	-14.0
20TH	250.50	-40.8	-3.1	1551	2301	-26.3	-1.4	2	-20	-495.9	-82.4	7.1	-38.2	-13.2
21ST	263.00	-40.9	-4.1	1551	2301	-26.3	-1.8	2	-21	-455.0	-79.3	6.1	-32.3	-12.4
22ND	275.50	-40.9	-5.1	1551	2301	-26.4	-2.2	3	-23	-414.2	-75.1	5.2	-26.8	-11.5
23RD	288.00	-41.0	-6.1	1551	2301	-26.4	-2.7	4	-24	-373.2	-70.0	4.2	-21.9	-10.6
24TH	300.50	-41.0	-7.1	1551	2301	-26.4	-3.1	4	-25	-332.3	-63.9	3.4	-17.5	-9.6
25TH	313.00	-41.1	-8.0	1551	2301	-26.5	-3.5	5	-27	-291.3	-56.8	2.7	-13.6	-8.5

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 20		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									-250.2	-48.7	2.0	-10.2	-7.4
27TH	338.00	-40.8	-8.0	1551	2301	-26.3	-3.5	5	-28	-209.4	-40.7	1.4	-7.3	-6.2
28TH	350.50	-40.5	-7.8	1551	2301	-26.1	-3.4	6	-29	-169.0	-32.9	1.0	-5.0	-5.0
29TH	363.00	-40.1	-7.6	1551	2301	-25.9	-3.3	6	-30	-128.8	-25.3	.6	-3.1	-3.8
30TH	375.50	-39.8	-7.4	1551	2301	-25.7	-3.2	6	-31	-89.0	-17.9	.3	-1.8	-2.5
31ST	388.00	-37.1	-6.9	1551	2301	-23.9	-3.0	6	-31	-51.9	-10.9	.2	-.9	-1.3
32ND	401.00	-34.7	-6.4	1613	2393	-21.5	-2.7	5	-29	-17.2	-4.5	.1	-.4	-.3
		-.4	-2.7	1404	1559	-.3	-1.8	91	-13	-16.8	-1.8	.0	-.2	-.0
ROOF	415.50	-16.8	-1.8	845	1610	-19.9	-1.1	0	-3					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-919.5	303.1	-115.6	-208.9	-17.6
2ND	23.00	-23.8	-9.0	1450	2247	-16.4	-4.0	-1	4	-895.6	312.1	-108.5	-188.0	-17.7
3RD	38.00	-15.9	-8.8	945	1466	-16.8	-6.0	1	-3	-879.8	320.9	-103.8	-174.7	-17.7
4TH	50.50	-28.8	-14.6	1576	1701	-18.3	-8.6	4	-8	-851.0	335.5	-99.7	-163.9	-17.4
5TH	62.50	-23.9	-16.5	1513	1934	-15.8	-8.5	4	-6	-827.1	352.1	-95.5	-153.8	-17.2
6TH	75.50	-22.7	-14.7	1702	1869	-13.3	-7.9	3	-5	-804.4	366.8	-90.9	-143.2	-17.0
7TH	88.00	-21.7	-13.2	1664	1701	-13.1	-7.7	3	-5	-782.6	379.9	-86.2	-133.3	-16.8
8TH	100.50	-22.8	-12.7	1664	1701	-13.7	-7.4	3	-6	-759.8	392.6	-81.4	-123.6	-16.7
9TH	113.00	-23.9	-12.2	1664	1701	-14.4	-7.2	3	-6	-735.8	404.8	-76.4	-114.3	-16.5
10TH	125.50	-25.0	-11.7	1664	1701	-15.0	-6.9	3	-7	-710.8	416.5	-71.2	-105.2	-16.2
11TH	138.00	-26.0	-11.2	1664	1701	-15.6	-6.6	3	-8	-684.8	427.7	-66.0	-96.5	-16.0
12TH	150.50	-27.9	1.4	1585	2177	-17.6	.6	-1	-21	-656.9	426.2	-60.6	-88.1	-15.4
13TH	163.00	-28.4	7.0	1551	2301	-18.3	3.0	-6	-23	-628.4	419.2	-55.3	-80.1	-14.7
14TH	175.50	-28.8	9.7	1551	2301	-18.5	4.2	-7	-21	-599.7	409.5	-50.2	-72.4	-14.0
15TH	188.00	-29.1	12.4	1551	2301	-18.8	5.4	-8	-19	-570.6	397.1	-45.1	-65.1	-13.4
16TH	200.50	-29.4	15.1	1551	2301	-19.0	6.6	-9	-17	-541.1	382.0	-40.3	-58.2	-12.7
17TH	213.00	-29.8	17.9	1551	2301	-19.2	7.8	-9	-16	-511.4	364.1	-35.6	-51.6	-12.1
18TH	225.50	-30.1	20.6	1551	2301	-19.4	8.9	-9	-14	-481.3	343.5	-31.2	-45.4	-11.5
19TH	238.00	-31.0	25.2	1551	2301	-20.0	11.0	-9	-12	-450.3	318.3	-27.0	-39.6	-10.9
20TH	250.50	-31.3	25.8	1551	2301	-20.2	11.2	-10	-12	-419.0	292.5	-23.2	-34.1	-10.2
21ST	263.00	-31.7	25.2	1551	2301	-20.4	11.0	-11	-13	-387.4	267.3	-19.7	-29.1	-9.6
22ND	275.50	-32.0	24.6	1551	2301	-20.6	10.7	-11	-14	-355.4	242.6	-16.5	-24.5	-8.8
23RD	288.00	-32.3	24.0	1551	2301	-20.8	10.4	-12	-16	-323.0	218.6	-13.6	-20.2	-8.0
24TH	300.50	-32.7	23.4	1551	2301	-21.1	10.2	-12	-17	-290.4	195.1	-11.1	-16.4	-7.2
25TH	313.00	-33.0	22.8	1551	2301	-21.3	9.9	-13	-18	-257.3	172.3	-8.8	-13.0	-6.3
		-33.4	22.3	1551	2301	-21.5	9.7	-13	-19					



TABLE 7 SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 30		CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF		GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-33.3	22.0	1551	2301	-21.5	9.6	-13	-20	-223.9	150.0	-6.8	-9.9	-5.4
27TH	338.00	-33.2	21.8	1551	2301	-21.4	9.5	-13	-20	-190.6	127.9	-5.0	-7.4	-4.4
28TH	350.50	-33.1	21.5	1551	2301	-21.3	9.4	-14	-21	-157.4	106.1	-3.6	-5.2	-3.4
29TH	363.00	-32.9	21.3	1551	2301	-21.2	9.2	-14	-22	-124.4	84.6	-2.4	-3.4	-2.5
30TH	375.50	-31.7	20.5	1551	2301	-20.4	8.9	-12	-19	-91.4	63.4	-1.4	-2.1	-1.5
31ST	388.00	-31.3	20.0	1613	2393	-19.4	8.4	-9	-15	-59.7	42.9	-.8	-1.1	-.6
32ND	401.00	-9.0	12.9	1404	1559	-6.4	8.3	-4	-3	-28.4	22.9	-.3	-.6	.1
ROOF	415.50	-19.4	10.0	845	1610	-23.0	6.2	3	5	-19.4	10.0	-.1	-.2	.1
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 40													
CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 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
1ST	0.00	-29.9	.0	1450	2247	-20.6	.0	0	9	-767.0	854.9	-243.0	-169.6
2ND	23.00	-19.6	-1.1	945	1466	-20.7	-.7	-0	8	-737.1	854.9	-223.3	-152.3
3RD	38.00	-27.4	-2.7	1576	1701	-17.4	-1.6	-0	2	-717.6	856.0	-210.5	-141.4
4TH	50.50	-22.8	-1.6	1513	1934	-15.1	-.9	-0	7	-690.2	858.7	-199.8	-132.6
5TH	62.50	-21.2	1.0	1702	1869	-12.5	.5	1	12	-667.4	860.4	-189.4	-124.4
6TH	75.50	-19.7	1.7	1664	1701	-11.8	1.0	1	12	-646.2	859.4	-178.3	-115.9
7TH	88.00	-20.0	2.1	1664	1701	-12.0	1.3	1	10	-626.5	857.7	-167.5	-107.9
8TH	100.50	-20.3	2.6	1664	1701	-12.2	1.5	1	8	-606.5	855.6	-156.8	-100.2
9TH	113.00	-20.6	3.1	1664	1701	-12.4	1.8	1	5	-586.2	853.0	-146.1	-92.8
10TH	125.50	-20.9	3.5	1664	1701	-12.6	2.1	1	3	-565.6	850.0	-135.5	-85.6
11TH	138.00	-22.7	17.6	1585	2177	-14.3	8.1	-3	-4	-544.6	846.5	-124.9	-78.6
12TH	150.50	-22.6	24.1	1551	2301	-14.5	10.5	-4	-4	-521.9	828.8	-114.4	-71.9
13TH	163.00	-22.6	27.1	1551	2301	-14.5	11.8	-4	-3	-499.4	804.8	-104.2	-65.6
14TH	175.50	-22.5	30.1	1551	2301	-14.5	13.1	-3	-2	-476.8	777.7	-94.3	-59.5
15TH	188.00	-22.5	33.1	1551	2301	-14.5	14.4	-2	-1	-454.3	747.6	-84.8	-53.6
16TH	200.50	-22.5	36.2	1551	2301	-14.5	15.7	-1	-1	-431.8	714.4	-75.7	-48.1
17TH	213.00	-22.5	39.2	1551	2301	-14.5	17.0	-1	-0	-409.2	678.3	-67.0	-42.9
18TH	225.50	-22.9	44.0	1551	2301	-14.8	19.1	-1	-0	-386.7	639.0	-58.7	-37.9
19TH	238.00	-23.4	44.9	1551	2301	-15.1	19.5	-1	-1	-363.8	595.1	-51.0	-33.2
20TH	250.50	-23.9	44.7	1551	2301	-15.4	19.4	-2	-1	-340.4	550.2	-43.8	-28.8
21ST	263.00	-24.4	44.5	1551	2301	-15.7	19.3	-2	-1	-316.5	505.5	-37.2	-24.7
22ND	275.50	-24.9	44.3	1551	2301	-16.1	19.3	-3	-2	-292.1	461.0	-31.2	-20.9
23RD	288.00	-25.4	44.1	1551	2301	-16.4	19.2	-4	-2	-267.1	416.7	-25.7	-17.4
24TH	300.50	-25.9	43.9	1551	2301	-16.7	19.1	-4	-2	-241.7	372.6	-20.8	-14.2
25TH	313.00	-26.5	43.8	1551	2301	-17.1	19.1	-5	-3	-215.8	328.7	-16.4	-11.3

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 40		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50	-26.6	43.3	1551	2301	-17.1	18.8	-5	-3	-189.3	284.9	-12.6	-8.8	-.9		
27TH	338.00	-26.7	42.6	1551	2301	-17.2	18.5	-6	-3	-162.7	241.6	-9.3	-6.6	-.6		
28TH	350.50	-26.8	41.9	1551	2301	-17.3	18.2	-6	-4	-136.0	199.0	-6.5	-4.7	-.3		
29TH	363.00	-27.0	41.3	1551	2301	-17.4	17.9	-6	-4	-109.2	157.0	-4.3	-3.2	.1		
30TH	375.50	-25.6	39.0	1551	2301	-16.5	16.9	-4	-3	-82.3	115.8	-2.6	-2.0	.4		
31ST	388.00	-24.6	36.5	1613	2393	-15.3	15.3	-1	-1	-56.7	76.8	-1.4	-1.1	.7		
32ND	401.00	-13.3	21.2	1404	1559	-9.5	13.6	5	3	-32.1	40.3	-.6	-.6	.7		
ROOF	415.50	-18.8	19.1	845	1610	-22.2	11.8	16	15	-18.8	19.1	-.2	-.2	.6		
TOP	436.67									0.0	0.0	0.0	0.0	0.0		

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-35.1	20.4	1450	2247	-24.2	9.1	7	12	-743.7	1357.2	-345.7	-160.7	10.4
2ND	23.00	-23.1	11.0	945	1466	-24.4	7.5	6	12	-708.6	1336.8	-314.7	-144.0	9.8
3RD	38.00	-30.5	10.8	1576	1701	-19.4	6.3	4	12	-685.5	1325.8	-294.7	-133.5	9.5
4TH	50.50	-25.8	13.3	1513	1934	-17.1	6.9	8	15	-655.0	1315.0	-278.2	-125.2	9.1
5TH	62.50	-24.1	15.8	1702	1869	-14.2	8.5	12	18	-629.2	1301.8	-262.5	-117.5	8.6
6TH	75.50	-21.7	15.4	1664	1701	-13.0	9.1	13	18	-605.1	1286.0	-245.7	-109.4	7.9
7TH	88.00	-21.0	16.4	1664	1701	-12.6	9.6	13	16	-583.4	1270.5	-229.7	-102.0	7.4
8TH	100.50	-20.4	17.4	1664	1701	-12.3	10.2	12	14	-562.4	1254.1	-213.9	-94.8	6.8
9TH	113.00	-19.9	18.3	1664	1701	-11.9	10.8	12	13	-542.0	1236.8	-198.4	-87.9	6.3
10TH	125.50	-19.2	19.3	1664	1701	-11.6	11.3	11	11	-522.1	1218.4	-183.0	-81.3	5.9
11TH	138.00	-20.1	37.7	1585	2177	-12.7	17.3	5	3	-502.9	1199.1	-167.9	-74.9	5.4
12TH	150.50	-19.5	45.0	1551	2301	-12.6	19.6	3	2	-482.8	1161.4	-153.1	-68.7	5.2
13TH	163.00	-19.4	47.4	1551	2301	-12.5	20.6	4	2	-463.3	1116.4	-138.9	-62.8	5.0
14TH	175.50	-19.3	49.9	1551	2301	-12.5	21.7	4	2	-443.9	1069.0	-125.2	-57.1	4.8
15TH	188.00	-19.3	52.3	1551	2301	-12.4	22.7	4	2	-424.6	1019.1	-112.2	-51.7	4.6
16TH	200.50	-19.2	54.7	1551	2301	-12.4	23.8	5	2	-405.3	966.9	-99.8	-46.5	4.3
17TH	213.00	-19.1	57.2	1551	2301	-12.3	24.8	5	2	-386.1	912.1	-88.0	-41.6	4.0
18TH	225.50	-19.5	61.5	1551	2301	-12.6	26.7	5	2	-367.0	855.0	-77.0	-36.9	3.7
19TH	238.00	-20.4	62.1	1551	2301	-13.2	27.0	4	1	-347.5	793.5	-66.7	-32.4	3.3
20TH	250.50	-21.4	61.5	1551	2301	-13.8	26.7	4	1	-327.0	731.4	-57.2	-28.2	3.0
21ST	263.00	-22.3	60.9	1551	2301	-14.4	26.5	3	1	-305.7	669.9	-48.4	-24.2	2.8
22ND	275.50	-23.3	60.3	1551	2301	-15.0	26.2	3	1	-283.3	609.1	-40.4	-20.6	2.5
23RD	288.00	-24.2	59.7	1551	2301	-15.6	25.9	2	1	-260.1	548.8	-33.2	-17.2	2.3
24TH	300.50	-25.2	59.1	1551	2301	-16.2	25.7	2	1	-235.9	489.1	-26.7	-14.1	2.2
25TH	313.00	-26.0	58.6	1551	2301	-16.8	25.5	1	1	-210.7	430.0	-20.9	-11.3	2.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS :														
WIND DIRECTION 50		ONE READING CENTER								GUST FACTOR 1.32				
		CONFIGURATION A				REFERENCE PRESSURE 31.0 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
26TH	325.50									-184.7	371.4	-15.9	-8.8	1.9
27TH	338.00	-25.8	57.9	1551	2301	-16.6	25.2	1	1	-158.9	313.4	-11.7	-6.7	1.8
28TH	350.50	-25.5	57.1	1551	2301	-16.4	24.8	2	1	-133.4	256.3	-8.1	-4.8	1.7
29TH	363.00	-25.2	56.4	1551	2301	-16.2	24.5	2	1	-108.2	199.9	-5.2	-3.3	1.6
30TH	375.50	-24.9	55.6	1551	2301	-16.1	24.1	2	1	-83.3	144.4	-3.1	-2.1	1.5
31ST	388.00	-23.4	51.8	1551	2301	-15.1	22.5	3	1	-59.9	92.6	-1.6	-1.2	1.3
32ND	401.00	-22.4	46.9	1613	2393	-13.9	19.6	4	2	-37.5	45.7	-.7	-.6	1.1
ROOF	415.50	-19.6	24.4	1404	1559	-14.0	15.6	6	5	-17.9	21.3	-.2	-.2	.8
TOP	436.67	-17.9	21.3	845	1610	-21.2	13.2	23	19	0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-37.5	25.0	1450	2247	-25.8	11.1	6	9	-631.4	1479.6	-371.9	-130.1	14.6
2ND	23.00	-25.0	13.7	945	1466	-26.5	9.4	5	9	-593.9	1454.7	-338.2	-116.0	14.1
3RD	38.00	-28.2	14.8	1576	1701	-17.9	8.7	7	14	-568.9	1440.9	-316.5	-107.3	13.8
4TH	50.50	-24.4	18.1	1513	1934	-16.1	9.4	11	15	-540.6	1426.1	-298.6	-100.4	13.3
5TH	62.50	-23.2	20.0	1702	1869	-13.7	10.7	15	17	-516.3	1408.0	-281.5	-94.0	12.7
6TH	75.50	-20.7	19.1	1664	1701	-12.5	11.2	16	18	-493.0	1388.0	-263.4	-87.5	12.0
7TH	88.00	-19.7	20.4	1664	1701	-11.8	12.0	17	16	-472.3	1368.9	-246.1	-81.4	11.3
8TH	100.50	-18.7	21.7	1664	1701	-11.2	12.8	17	14	-452.6	1348.5	-229.2	-75.6	10.7
9TH	113.00	-17.6	23.0	1664	1701	-10.6	13.5	17	13	-434.0	1326.8	-212.4	-70.1	10.1
10TH	125.50	-16.6	24.3	1664	1701	-10.0	14.3	16	11	-416.3	1303.8	-196.0	-64.8	9.4
11TH	138.00	-16.8	42.7	1585	2177	-10.6	19.6	8	3	-399.7	1279.5	-179.9	-59.7	8.9
12TH	150.50	-16.1	49.2	1551	2301	-10.4	21.4	6	2	-382.9	1236.8	-164.1	-54.8	8.5
13TH	163.00	-15.9	51.0	1551	2301	-10.2	22.2	6	2	-366.8	1187.6	-149.0	-50.1	8.2
14TH	175.50	-15.7	52.7	1551	2301	-10.1	22.9	6	2	-351.0	1136.6	-134.4	-45.6	7.8
15TH	188.00	-15.4	54.5	1551	2301	-10.0	23.7	7	2	-335.3	1083.8	-120.6	-41.3	7.4
16TH	200.50	-15.2	56.2	1551	2301	-9.8	24.4	7	2	-319.9	1029.4	-107.4	-37.2	7.0
17TH	213.00	-15.0	58.0	1551	2301	-9.7	25.2	7	2	-304.6	973.1	-94.8	-33.3	6.6
18TH	225.50	-15.0	62.5	1551	2301	-9.6	27.2	7	2	-289.6	915.2	-83.0	-29.6	6.2
19TH	238.00	-15.7	63.8	1551	2301	-10.1	27.7	7	2	-274.7	852.7	-72.0	-26.1	5.7
20TH	250.50	-16.4	63.8	1551	2301	-10.5	27.7	6	2	-259.0	788.9	-61.7	-22.8	5.3
21ST	263.00	-17.0	63.9	1551	2301	-11.0	27.8	6	2	-242.7	725.1	-52.3	-19.6	4.8
22ND	275.50	-17.7	63.9	1551	2301	-11.4	27.8	6	2	-225.6	661.2	-43.6	-16.7	4.4
23RD	288.00	-18.4	64.0	1551	2301	-11.9	27.8	6	2	-207.9	597.2	-35.7	-14.0	4.0
24TH	300.50	-19.1	64.0	1551	2301	-12.3	27.8	5	2	-189.4	533.2	-28.7	-11.5	3.6
25TH	313.00	-19.8	64.2	1551	2301	-12.7	27.9	5	2	-170.3	469.2	-22.4	-9.3	3.2

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 60		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-20.0	63.9	1551	2301	-12.9	27.8	5	1	-150.5	405.0	-16.9	-7.3	2.9
27TH	338.00	-20.3	63.5	1551	2301	-13.1	27.6	4	1	-130.5	341.1	-12.3	-5.5	2.6
28TH	350.50	-20.6	63.2	1551	2301	-13.3	27.5	4	1	-110.2	277.6	-8.4	-4.0	2.2
29TH	363.00	-20.8	62.8	1551	2301	-13.4	27.3	4	1	-89.7	214.4	-5.3	-2.7	2.0
30TH	375.50	-19.3	58.4	1551	2301	-12.5	25.4	5	2	-68.8	151.6	-3.1	-1.8	1.7
31ST	388.00	-17.9	51.8	1613	2393	-11.1	21.7	6	2	-49.5	93.2	-1.5	-1.0	1.4
32ND	401.00	-17.3	21.6	1404	1559	-12.3	13.8	8	6	-31.6	41.4	-.7	-.5	1.1
ROOF	415.50	-14.3	19.8	845	1610	-16.9	12.3	26	19	-14.3	19.8	-.2	-.2	.8
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 70		CONFIGURATION A				REFERENCE PRESSURE 31.0 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	-39.6	33.5	1450	2247	-27.3	14.9	7	8	-450.6	1579.1	-383.7	-80.3	18.6
2ND	23.00	-26.6	19.1	945	1466	-28.2	13.0	5	8	-411.0	1545.6	-347.8	-70.4	18.0
3RD	38.00	-25.2	22.6	1576	1701	-16.0	13.3	15	17	-384.4	1526.5	-324.8	-64.5	17.7
4TH	50.50	-21.8	25.9	1513	1934	-14.4	13.4	17	14	-359.2	1503.9	-305.8	-59.8	17.0
5TH	62.50	-20.5	26.5	1702	1869	-12.0	14.2	19	15	-337.4	1478.0	-287.9	-55.6	16.2
6TH	75.50	-17.9	24.9	1664	1701	-10.7	14.7	21	15	-316.9	1451.4	-268.9	-51.4	15.4
7TH	88.00	-16.6	26.6	1664	1701	-10.0	15.6	21	13	-299.1	1426.5	-250.9	-47.5	14.6
8TH	100.50	-15.3	28.2	1664	1701	-9.2	16.6	21	11	-282.5	1399.9	-233.2	-43.9	13.8
9TH	113.00	-14.0	29.8	1664	1701	-8.4	17.5	21	10	-267.2	1371.8	-215.9	-40.5	13.1
10TH	125.50	-12.7	31.4	1664	1701	-7.6	18.5	20	8	-253.2	1342.0	-198.9	-37.2	12.3
11TH	138.00	-12.0	47.6	1585	2177	-7.6	21.9	9	2	-240.5	1310.6	-182.4	-34.1	11.6
12TH	150.50	-11.5	52.8	1551	2301	-7.4	23.0	7	2	-228.4	1263.0	-166.3	-31.2	11.1
13TH	163.00	-11.2	53.8	1551	2301	-7.2	23.4	8	2	-216.9	1210.1	-150.8	-28.4	10.7
14TH	175.50	-10.9	54.8	1551	2301	-7.0	23.8	8	2	-205.7	1156.3	-136.0	-25.8	10.3
15TH	188.00	-10.5	55.8	1551	2301	-6.8	24.3	8	2	-194.8	1101.5	-121.9	-23.3	9.8
16TH	200.50	-10.2	56.8	1551	2301	-6.6	24.7	8	2	-184.3	1045.7	-108.5	-20.9	9.4
17TH	213.00	-9.9	57.9	1551	2301	-6.4	25.1	9	1	-174.1	988.8	-95.8	-18.7	8.9
18TH	225.50	-9.4	62.0	1551	2301	-6.1	26.9	9	1	-164.2	930.9	-83.8	-16.5	8.4
19TH	238.00	-9.6	63.7	1551	2301	-6.2	27.7	8	1	-154.8	869.0	-72.5	-14.5	7.8
20TH	250.50	-9.8	64.3	1551	2301	-6.3	27.9	8	1	-145.2	805.3	-62.1	-12.7	7.3
21ST	263.00	-10.0	64.9	1551	2301	-6.4	28.2	8	1	-135.4	741.0	-52.4	-10.9	6.7
22ND	275.50	-10.2	65.5	1551	2301	-6.6	28.5	8	1	-125.5	676.1	-43.6	-9.3	6.2
23RD	288.00	-10.4	66.1	1551	2301	-6.7	28.7	8	1	-115.3	610.7	-35.5	-7.8	5.6
24TH	300.50	-10.6	66.6	1551	2301	-6.8	29.0	8	1	-104.9	544.6	-28.3	-6.4	5.1
25TH	313.00	-10.6	67.2	1551	2301	-6.8	29.2	8	1	-94.4	478.0	-21.9	-5.2	4.6



TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32		
WIND DIRECTION 70		CONFIGURATION A												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									-83.8	410.7	-16.3	-4.0	4.0
27TH	338.00	-10.9	67.3	1551	2301	-7.0	29.2	8	1	-73.0	343.4	-11.6	-3.1	3.5
28TH	350.50	-11.1	67.2	1551	2301	-7.2	29.2	8	1	-61.8	276.2	-7.8	-2.2	3.0
29TH	363.00	-11.4	67.2	1551	2301	-7.4	29.2	8	1	-50.4	209.0	-4.7	-1.5	2.4
30TH	375.50	-11.7	67.1	1551	2301	-7.5	29.2	8	1	-38.8	141.9	-2.5	-1.0	1.8
31ST	388.00	-11.0	61.5	1551	2301	-7.1	26.7	8	2	-27.8	80.4	-1.1	-.5	1.3
32ND	401.00	-10.3	52.3	1613	2393	-6.4	21.9	9	2	-17.4	28.1	-.4	-.3	.8
ROOF	415.50	-10.3	14.7	1404	1559	-7.3	9.4	9	6	-7.1	13.4	-.1	-.1	.6
TOP	436.67	-7.1	13.4	845	1610	-8.4	8.4	37	19	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 80													
CONFIGURATION A				ONE READING CENTER REFERENCE PRESSURE 31.0 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	Z
1ST	0.00	-38.0	38.9	1450	2247	-26.2	17.3	6	6	-207.9	1643.1	-389.0	23.9
2ND	23.00	-25.9	22.7	945	1466	-27.4	15.5	5	6	-170.0	1604.2	-351.7	23.5
3RD	38.00	-21.1	28.2	1576	1701	-13.4	16.6	22	16	-144.0	1581.5	-327.8	23.2
4TH	50.50	-18.3	31.8	1513	1934	-12.1	16.4	21	12	-122.9	1553.4	-308.2	22.2
5TH	62.50	-17.0	32.1	1702	1869	-10.0	17.2	24	13	-104.7	1521.6	-289.7	21.3
6TH	75.50	-14.2	30.1	1664	1701	-8.5	17.7	25	12	-87.7	1489.5	-270.2	20.4
7TH	88.00	-12.5	31.9	1664	1701	-7.5	18.8	25	10	-73.5	1459.4	-251.7	19.4
8TH	100.50	-10.8	33.8	1664	1701	-6.5	19.9	25	8	-60.9	1427.5	-233.7	18.5
9TH	113.00	-9.1	35.6	1664	1701	-5.4	20.9	24	6	-50.2	1393.7	-216.1	17.6
10TH	125.50	-7.4	37.4	1664	1701	-4.4	22.0	24	5	-41.1	1358.1	-198.9	16.7
11TH	138.00	-6.6	50.6	1585	2177	-4.1	23.3	12	1	-33.7	1320.7	-182.1	15.7
12TH	150.50	-6.3	54.5	1551	2301	-4.0	23.7	10	1	-27.1	1270.0	-165.9	15.1
13TH	163.00	-5.6	55.2	1551	2301	-3.6	24.0	10	1	-20.8	1215.5	-150.4	14.6
14TH	175.50	-5.0	55.9	1551	2301	-3.2	24.3	11	1	-15.2	1160.3	-135.6	14.0
15TH	188.00	-4.3	56.5	1551	2301	-2.8	24.6	11	1	-10.2	1104.5	-121.4	13.4
16TH	200.50	-3.7	57.2	1551	2301	-2.4	24.9	12	1	-5.9	1047.9	-107.9	12.7
17TH	213.00	-3.1	57.9	1551	2301	-2.0	25.2	12	1	-2.2	990.7	-95.2	12.0
18TH	225.50	-1.9	61.4	1551	2301	-1.2	26.7	12	0	.9	932.8	-83.2	11.3
19TH	238.00	-1.5	63.2	1551	2301	-1.0	27.5	12	0	2.8	871.4	-71.9	10.6
20TH	250.50	-1.1	64.2	1551	2301	-.7	27.9	12	0	4.3	808.2	-61.4	9.8
21ST	263.00	-.7	65.1	1551	2301	-.4	28.3	12	0	5.3	744.0	-51.7	9.1
22ND	275.50	-.3	66.1	1551	2301	-.2	28.7	12	0	6.0	678.9	-42.8	8.3
23RD	288.00	.2	67.0	1551	2301	.1	29.1	12	-0	6.2	612.8	-34.7	7.5
24TH	300.50	.6	68.0	1551	2301	.4	29.5	12	-0	6.1	545.8	-27.5	6.7
25TH	313.00	1.1	69.0	1551	2301	.7	30.0	11	-0	5.5	477.8	-21.1	5.9

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 80		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									4.4	408.8	-15.6	.2	5.1
		1.0	69.3	1551	2301	.6	30.1	11	-0					
27TH	338.00	.8	69.3	1551	2301	.5	30.1	11	-0	3.4	339.6	-10.9	.2	4.4
28TH	350.50	.6	69.3	1551	2301	.4	30.1	11	-0	2.6	270.3	-7.1	.1	3.6
29TH	363.00	.4	69.3	1551	2301	.3	30.1	11	-0	2.0	201.0	-4.1	.1	2.8
30TH	375.50	.1	62.8	1551	2301	.1	27.3	11	-0	1.6	131.7	-2.0	.1	2.0
31ST	398.00	-.3	51.8	1613	2393	-.2	21.7	11	0	1.5	68.8	-.8	.1	1.3
32ND	401.00	.8	10.7	1404	1559	.6	6.9	19	-1	1.8	17.0	-.2	.0	.7
ROOF	415.50	.9	6.3	845	1610	1.1	3.9	83	-12	.9	6.3	-.1	.0	.5
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									-47.1	1518.8	-370.4	29.9	19.6
2ND	23.00	-32.9	34.6	1450	2247	-22.7	15.4	5	5	-14.2	1484.2	-335.9	30.6	19.3
3RD	38.00	-24.0	19.6	945	1466	-25.4	13.4	4	5	9.8	1464.7	-313.7	30.6	19.1
4TH	50.50	-18.7	25.8	1576	1701	-11.8	15.2	24	17	28.4	1438.8	-295.6	30.4	18.2
5TH	62.50	-16.1	28.9	1513	1934	-10.6	14.9	23	13	44.5	1410.0	-278.5	29.9	17.3
6TH	75.50	-14.7	28.0	1702	1869	-8.6	15.0	26	13	59.2	1382.0	-260.3	29.3	16.4
7TH	88.00	-12.3	25.6	1664	1701	-7.4	15.1	27	13	71.5	1356.4	-243.2	28.4	15.5
8TH	100.50	-10.8	26.9	1664	1701	-6.5	15.8	27	11	82.3	1329.5	-226.4	27.5	14.7
9TH	113.00	-9.4	28.1	1664	1701	-5.6	16.5	27	9	91.7	1301.4	-210.0	26.4	13.9
10TH	125.50	-7.9	29.3	1664	1701	-4.8	17.2	26	7	99.6	1272.1	-193.9	25.2	13.0
11TH	138.00	-6.5	30.6	1664	1701	-3.9	18.0	25	5	106.1	1241.5	-178.2	23.9	12.2
12TH	150.50	-5.9	42.7	1585	2177	-3.8	19.6	10	1	112.0	1198.9	-163.0	22.5	11.8
13TH	163.00	-5.1	46.1	1551	2301	-3.3	20.0	8	1	117.1	1152.8	-148.3	21.1	11.4
14TH	175.50	-3.7	46.6	1551	2301	-2.4	20.3	9	1	120.9	1106.1	-134.1	19.6	11.0
15TH	188.00	-2.4	47.1	1551	2301	-1.5	20.5	9	0	123.3	1059.0	-120.6	18.1	10.6
16TH	200.50	-1.0	47.6	1551	2301	-.6	20.7	9	0	124.3	1011.4	-107.7	16.6	10.1
17TH	213.00	.4	48.1	1551	2301	.2	20.9	10	-0	123.9	963.3	-95.3	15.0	9.6
18TH	225.50	1.8	48.6	1551	2301	1.1	21.1	10	-0	122.1	914.7	-83.6	13.5	9.2
19TH	238.00	3.6	54.6	1551	2301	2.3	23.7	9	-1	118.5	860.0	-72.5	12.0	8.7
20TH	250.50	4.4	58.0	1551	2301	2.8	25.2	9	-1	114.2	802.0	-62.1	10.5	8.1
21ST	263.00	5.1	59.7	1551	2301	3.3	26.0	9	-1	109.0	742.3	-52.5	9.1	7.6
22ND	275.50	5.9	61.5	1551	2301	3.8	26.7	9	-1	103.1	680.8	-43.6	7.8	7.0
23RD	288.00	6.7	63.2	1551	2301	4.3	27.5	9	-1	96.5	617.6	-35.4	6.5	6.4
24TH	300.50	7.4	65.0	1551	2301	4.8	28.2	9	-1	89.0	552.6	-28.1	5.4	5.8
25TH	313.00	8.2	66.7	1551	2301	5.3	29.0	9	-1	80.8	485.9	-21.6	4.3	5.2
		9.4	68.5	1551	2301	6.1	29.8	9	-1					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER													
WIND DIRECTION 90		CONFIGURATION A				REFERENCE PRESSURE 31.0 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
26TH	325.50									71.4	417.4	-16.0	3.4
27TH	338.00	9.5	69.3	1551	2301	6.2	30.1	9	-1	61.9	348.1	-11.2	2.5
28TH	350.50	9.7	70.0	1551	2301	6.2	30.4	9	-1	52.2	278.1	-7.3	1.8
29TH	363.00	9.8	70.7	1551	2301	6.3	30.7	9	-1	42.3	207.4	-4.3	1.2
30TH	375.50	10.0	71.4	1551	2301	6.4	31.0	9	-1	32.4	136.0	-2.1	.8
31ST	388.00	9.7	65.0	1551	2301	6.3	28.3	9	-1	22.7	71.0	-.8	.4
32ND	401.00	9.6	53.7	1613	2393	6.0	22.4	10	-2	13.0	17.3	-.3	.2
ROOF	415.50	8.1	10.1	1404	1559	5.8	6.5	14	-11	4.9	7.2	-.1	.1
TOP	436.67	4.9	7.2	845	1610	5.8	4.5	47	-32	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 100

CONFIGURATION A

ONE READING CENTER

REFERENCE PRESSURE 31.0 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									9.5	1528.2	-380.2	25.2	13.7
2ND	23.00	-23.3	33.1	1450	2247	-16.1	14.7	5	3	32.8	1495.1	-345.4	24.7	13.4
3RD	38.00	-19.4	18.3	945	1466	-20.5	12.5	2	2	52.1	1476.8	-323.1	24.1	13.3
4TH	50.50	-11.4	23.8	1576	1701	-7.2	14.0	31	15	63.6	1453.0	-304.8	23.4	12.4
5TH	62.50	-9.6	26.2	1513	1934	-6.4	13.6	28	10	73.2	1426.8	-287.5	22.5	11.6
6TH	75.50	-8.1	25.0	1702	1869	-4.8	13.4	30	10	81.3	1401.8	-269.1	21.5	10.8
7TH	88.00	-6.0	22.8	1664	1701	-3.6	13.4	32	8	87.3	1378.9	-251.8	20.5	10.0
8TH	100.50	-4.4	24.3	1664	1701	-2.7	14.3	31	6	91.7	1354.7	-234.7	19.4	9.2
9TH	113.00	-2.9	25.7	1664	1701	-1.7	15.1	30	3	94.6	1329.0	-217.9	18.2	8.5
10TH	125.50	-1.3	27.1	1664	1701	-.8	15.9	28	1	95.9	1301.9	-201.5	17.0	7.7
11TH	138.00	.3	28.5	1664	1701	.2	16.8	27	-0	95.6	1273.4	-185.4	15.8	6.9
12TH	150.50	.7	40.9	1585	2177	.5	18.8	10	-0	94.9	1232.4	-169.7	14.6	6.5
13TH	163.00	.8	44.8	1551	2301	.5	19.5	8	-0	94.0	1187.6	-154.6	13.4	6.2
14TH	175.50	1.5	45.8	1551	2301	1.0	19.9	8	-0	92.5	1141.8	-140.0	12.3	5.8
15TH	188.00	2.2	46.7	1551	2301	1.4	20.3	8	-0	90.3	1095.1	-126.0	11.1	5.4
16TH	200.50	2.8	47.6	1551	2301	1.8	20.7	8	-0	87.5	1047.5	-112.6	10.0	5.0
17TH	213.00	3.5	48.6	1551	2301	2.3	21.1	8	-1	84.0	998.9	-99.9	9.0	4.6
18TH	225.50	4.2	49.5	1551	2301	2.7	21.5	8	-1	79.8	949.4	-87.7	7.9	4.2
19TH	238.00	5.0	55.7	1551	2301	3.2	24.2	7	-1	74.8	893.7	-76.2	7.0	3.8
20TH	250.50	4.9	59.1	1551	2301	3.2	25.7	6	-1	69.9	834.6	-65.4	6.1	3.5
21ST	263.00	4.9	61.0	1551	2301	3.2	26.5	6	-0	65.0	773.6	-55.3	5.2	3.1
22ND	275.50	4.9	62.9	1551	2301	3.1	27.3	5	-0	60.1	710.7	-46.0	4.4	2.8
23RD	288.00	4.8	64.8	1551	2301	3.1	28.2	5	-0	55.2	645.9	-37.5	3.7	2.5
24TH	300.50	4.8	66.7	1551	2301	3.1	29.0	4	-0	50.4	579.3	-29.9	3.1	2.2
25TH	313.00	4.8	68.5	1551	2301	3.1	29.8	4	-0	45.6	510.7	-23.1	2.5	2.0
		5.2	70.4	1551	2301	3.4	30.6	3	-0					

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 100		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50									40.4	440.3	-17.1	1.9	1.7		
27TH	338.00	5.3	71.6	1551	2301	3.4	31.1	3	-0	35.1	368.7	-12.1	1.4	1.5		
28TH	350.50	5.3	72.7	1551	2301	3.4	31.6	3	-0	29.8	296.1	-7.9	1.0	1.2		
29TH	363.00	5.3	73.7	1551	2301	3.4	32.0	3	-0	24.5	222.4	-4.7	.7	1.0		
30TH	375.50	5.3	74.8	1551	2301	3.4	32.5	3	-0	19.2	147.6	-2.4	.4	.8		
31ST	388.00	5.7	68.8	1551	2301	3.7	29.9	3	-0	13.6	78.8	-1.0	.2	.6		
32ND	401.00	6.4	58.0	1613	2393	4.0	24.2	2	-0	7.1	20.8	-.3	.1	.5		
ROOF	415.50	5.4	12.0	1404	1559	3.9	7.7	8	-4	1.7	8.8	-.1	.0	.4		
TOP	436.67	1.7	8.8	845	1610	2.0	5.5	44	-8	0.0	0.0	0.0	0.0	0.0		

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-8.6	30.3	1450	2247	-6.0	13.5	6	2	-36.5	1277.6	-332.7	-21.1	1.9
2ND	23.00	-7.4	15.6	945	1466	-7.8	10.6	2	1	-27.8	1247.2	-303.7	-20.3	1.7
3RD	38.00	-1.2	19.0	1576	1701	-8	11.2	38	2	-20.4	1231.7	-285.1	-20.0	1.7
4TH	50.50	1.7	20.2	1513	1934	1.2	10.4	32	-3	-19.2	1212.7	-269.8	-19.7	1.0
5TH	62.50	6.0	18.2	1702	1869	3.5	9.7	32	-10	-20.9	1192.5	-255.4	-19.5	.3
6TH	75.50	7.1	15.6	1664	1701	4.3	9.2	30	-14	-26.9	1174.3	-240.0	-19.2	-.3
7TH	88.00	7.3	16.1	1664	1701	4.4	9.5	27	-12	-34.0	1158.7	-225.4	-18.8	-.9
8TH	100.50	7.4	16.5	1664	1701	4.5	9.7	25	-11	-41.3	1142.6	-211.0	-18.3	-1.4
9TH	113.00	7.6	16.9	1664	1701	4.6	10.0	23	-10	-48.7	1126.1	-196.9	-17.8	-1.9
10TH	125.50	7.8	17.4	1664	1701	4.7	10.2	21	-9	-56.3	1109.1	-182.9	-17.1	-2.4
11TH	138.00	6.3	26.8	1585	2177	3.9	12.3	7	-2	-64.1	1091.7	-169.1	-16.4	-2.8
12TH	150.50	4.6	30.4	1551	2301	3.0	13.2	4	-1	-70.3	1065.0	-155.6	-15.5	-3.0
13TH	163.00	3.6	31.6	1551	2301	2.3	13.7	3	-0	-74.9	1034.6	-142.5	-14.6	-3.1
14TH	175.50	2.7	32.8	1551	2301	1.7	14.3	2	-0	-78.6	1003.0	-129.8	-13.6	-3.2
15TH	188.00	1.7	34.1	1551	2301	1.1	14.8	1	-0	-81.2	970.1	-117.5	-12.6	-3.2
16TH	200.50	.7	35.3	1551	2301	.5	15.4	-0	0	-82.9	936.0	-105.5	-11.6	-3.2
17TH	213.00	-.3	36.6	1551	2301	-.2	15.9	-1	-0	-83.6	900.7	-94.1	-10.6	-3.2
18TH	225.50	-1.2	45.1	1551	2301	-.8	19.6	-2	-0	-83.4	864.1	-83.0	-9.5	-3.2
19TH	238.00	-1.9	49.5	1551	2301	-1.2	21.5	-2	-0	-82.2	819.1	-72.5	-8.5	-3.1
20TH	250.50	-2.7	51.8	1551	2301	-1.7	22.5	-3	-0	-80.3	769.6	-62.6	-7.5	-3.0
21ST	263.00	-3.5	54.0	1551	2301	-2.2	23.5	-3	-0	-77.6	717.8	-53.3	-6.5	-2.8
22ND	275.50	-4.2	56.2	1551	2301	-2.7	24.4	-3	-0	-74.1	663.8	-44.7	-5.5	-2.7
23RD	288.00	-5.0	58.5	1551	2301	-3.2	25.4	-4	-0	-69.9	607.6	-36.7	-4.6	-2.5
24TH	300.50	-5.7	60.7	1551	2301	-3.7	26.4	-4	-0	-64.9	549.1	-29.5	-3.8	-2.2
25TH	313.00	-5.8	63.4	1551	2301	-3.8	27.6	-5	-0	-59.2	488.4	-23.0	-3.0	-2.0



TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 110		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-6.7	65.3	1551	2301	-4.3	28.4	-5	-0	-53.3	425.0	-17.3	-2.3	-1.7
27TH	338.00	-7.5	67.0	1551	2301	-4.9	29.1	-5	-1	-46.7	359.7	-12.4	-1.7	-1.4
28TH	350.50	-8.4	68.7	1551	2301	-5.4	29.9	-5	-1	-39.1	292.7	-8.3	-1.2	-1.1
29TH	363.00	-9.2	70.4	1551	2301	-5.9	30.6	-4	-1	-30.8	224.0	-5.1	-.7	-.7
30TH	375.50	-8.5	66.2	1551	2301	-5.5	28.8	-5	-1	-21.6	153.6	-2.7	-.4	-.4
31ST	388.00	-7.6	58.6	1613	2393	-4.7	24.5	-6	-1	-13.0	87.4	-1.2	-.2	-.1
32ND	401.00	-3.8	15.1	1404	1559	-2.7	9.7	-4	-1	-5.4	28.8	-.5	-.1	.3
ROOF	415.50	-1.6	13.8	845	1610	-1.8	8.5	23	3	-1.6	13.8	-.1	-.0	.3
TOP	436.67									0.0	0.0	0.0	0.0	0.0

		CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 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									332.8	1089.3	-279.2	39.0	-3.6
2ND	23.00	7.9	24.4	1450	2247	5.4	10.9	-3	1	324.9	1064.9	-254.4	31.4	-3.5
3RD	38.00	4.1	11.4	945	1466	4.3	7.8	-7	2	320.8	1053.5	-238.5	26.6	-3.4
4TH	50.50	22.2	15.8	1576	1701	14.1	9.3	12	-17	298.6	1037.6	-225.4	22.7	-4.0
5TH	62.50	22.8	18.4	1513	1934	15.1	9.5	11	-13	275.8	1019.2	-213.1	19.2	-4.5
6TH	75.50	27.6	14.4	1702	1869	16.2	7.7	7	-13	248.2	1004.8	-200.0	15.8	-5.0
7TH	88.00	27.1	11.5	1664	1701	16.3	6.8	5	-13	221.0	993.3	-187.5	12.9	-5.4
8TH	100.50	26.4	12.3	1664	1701	15.9	7.2	6	-13	194.6	981.0	-175.1	10.3	-5.8
9TH	113.00	25.7	13.1	1664	1701	15.5	7.7	7	-13	168.9	967.9	-162.9	8.0	-6.2
10TH	125.50	25.1	13.9	1664	1701	15.1	8.2	7	-13	143.8	953.9	-150.9	6.1	-6.6
11TH	138.00	24.4	14.7	1664	1701	14.7	8.7	8	-13	119.4	939.2	-139.1	4.4	-7.0
12TH	150.50	21.1	28.4	1585	2177	13.3	13.0	3	-2	98.4	910.8	-127.5	3.1	-7.2
13TH	163.00	18.4	32.8	1551	2301	11.9	14.2	1	-1	80.0	878.0	-116.4	2.0	-7.2
14TH	175.50	16.7	33.5	1551	2301	10.8	14.6	0	-0	63.3	844.5	-105.6	1.1	-7.2
15TH	188.00	15.0	34.2	1551	2301	9.6	14.9	-1	0	48.3	810.3	-95.2	.4	-7.2
16TH	200.50	13.2	34.9	1551	2301	8.5	15.2	-2	1	35.1	775.4	-85.3	-.2	-7.1
17TH	213.00	11.5	35.6	1551	2301	7.4	15.5	-3	1	23.6	739.8	-75.9	-.5	-7.0
18TH	225.50	9.8	36.3	1551	2301	6.3	15.8	-4	1	13.7	703.4	-66.8	-.8	-6.9
19TH	238.00	7.1	41.2	1551	2301	4.6	17.9	-4	1	6.6	662.2	-58.3	-.9	-6.7
20TH	250.50	6.0	43.5	1551	2301	3.9	18.9	-5	1	.6	618.7	-50.3	-.9	-6.5
21ST	263.00	4.8	44.4	1551	2301	3.1	19.3	-6	1	-4.2	574.3	-42.9	-.9	-6.3
22ND	275.50	3.7	45.4	1551	2301	2.4	19.7	-7	1	-7.9	528.9	-36.0	-.8	-6.0
23RD	288.00	2.5	46.3	1551	2301	1.6	20.1	-8	0	-10.4	482.6	-29.6	-.7	-5.6
24TH	300.50	1.4	47.3	1551	2301	.9	20.5	-9	0	-11.7	435.3	-23.9	-.6	-5.2
25TH	313.00	.2	48.2	1551	2301	.1	21.0	-10	0	-11.9	387.1	-18.8	-.4	-4.7
		-2.0	49.3	1551	2301	-1.3	21.4	-10	-0					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 120				ONE READING CENTER CONFIGURATION A		REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-2.0	50.4	1551	2301	-1.3	21.9	-11	-0	-9.9	337.8	-14.2	-1.3	-4.2
27TH	338.00	-1.9	51.5	1551	2301	-1.2	22.4	-12	-0	-7.9	287.4	-10.3	-1.2	-3.6
28TH	350.50	-1.8	52.7	1551	2301	-1.1	22.9	-13	-0	-6.0	235.9	-7.1	-1.1	-3.0
29TH	363.00	-1.7	53.8	1551	2301	-1.1	23.4	-14	-0	-4.3	183.2	-4.4	-1.0	-2.3
30TH	375.50	-1.8	51.6	1551	2301	-1.1	22.4	-15	-1	-2.6	129.4	-2.5	.0	-1.6
31ST	388.00	-2.0	47.8	1613	2393	-1.2	20.0	-16	-1	-1.8	77.8	-1.2	.0	-1.8
32ND	401.00	-1.0	15.2	1404	1559	-1.0	9.8	-7	-0	1.2	30.0	-1.5	.0	-1.0
ROOF	415.50	1.2	14.8	845	1610	1.5	9.2	6	-1	1.2	14.8	-1.2	.0	.1
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									463.0	1814.0	-449.7	72.8	-18.6
2ND	23.00	3.0	41.1	1450	2247	2.1	18.3	-4	0	460.0	1772.8	-408.4	62.2	-18.5
3RD	38.00	.9	22.0	945	1466	.9	15.0	-12	0	459.1	1750.8	-382.0	55.3	-18.2
4TH	50.50	27.3	28.5	1576	1701	17.3	16.8	8	-8	431.8	1722.3	-360.3	49.7	-18.6
5TH	62.50	26.8	32.7	1513	1934	17.7	16.9	5	-4	405.0	1689.6	-339.8	44.7	-18.9
6TH	75.50	31.8	28.0	1702	1869	18.7	15.0	2	-2	373.2	1661.6	-318.1	39.6	-19.0
7TH	88.00	31.2	24.0	1664	1701	18.8	14.1	1	-1	342.0	1637.6	-297.4	35.1	-19.1
8TH	100.50	30.6	25.5	1664	1701	18.4	15.0	0	-0	311.4	1612.0	-277.1	31.1	-19.1
9TH	113.00	30.0	27.0	1664	1701	18.0	15.9	0	-0	281.4	1585.1	-257.1	27.4	-19.1
10TH	125.50	29.4	28.5	1664	1701	17.7	16.7	-0	0	252.0	1556.6	-237.5	24.0	-19.1
11TH	138.00	28.9	30.0	1664	1701	17.4	17.6	-1	1	223.1	1526.6	-218.2	21.1	-19.1
12TH	150.50	25.1	49.0	1585	2177	15.8	22.5	-8	4	198.0	1477.6	-199.5	18.4	-18.6
13TH	163.00	22.0	55.9	1551	2301	14.2	24.3	-10	4	176.0	1421.6	-181.3	16.1	-18.0
14TH	175.50	20.2	57.9	1551	2301	13.0	25.2	-10	4	155.8	1363.7	-163.9	14.0	-17.3
15TH	188.00	18.3	59.9	1551	2301	11.8	26.1	-11	3	137.5	1303.8	-147.3	12.2	-16.5
16TH	200.50	16.4	61.9	1551	2301	10.6	26.9	-12	3	121.1	1241.8	-131.4	10.6	-15.7
17TH	213.00	14.6	63.9	1551	2301	9.4	27.8	-13	3	106.5	1177.9	-116.2	9.1	-14.9
18TH	225.50	12.7	65.9	1551	2301	8.2	28.7	-13	3	93.8	1112.0	-101.9	7.9	-14.0
19TH	238.00	9.8	71.1	1551	2301	6.3	30.9	-12	2	84.0	1040.9	-88.5	6.8	-13.1
20TH	250.50	9.1	73.4	1551	2301	5.8	31.9	-12	1	75.0	967.5	-75.9	5.8	-12.3
21ST	263.00	8.4	74.5	1551	2301	5.4	32.4	-12	1	66.6	893.0	-64.3	4.9	-11.4
22ND	275.50	7.7	75.5	1551	2301	4.9	32.8	-13	1	58.9	817.5	-53.6	4.1	-10.4
23RD	288.00	7.0	76.6	1551	2301	4.5	33.3	-13	1	51.9	740.9	-43.9	3.4	-9.4
24TH	300.50	6.3	77.7	1551	2301	4.0	33.8	-14	1	45.7	663.2	-35.1	2.8	-8.3
25TH	313.00	5.6	78.8	1551	2301	3.6	34.2	-14	1	40.1	584.4	-27.3	2.3	-7.2
		3.4	79.2	1551	2301	2.2	34.4	-14	1					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 130				CONFIGURATION A		ONE READING CENTER REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									36.6	505.2	-20.5	1.8	-6.1
		4.2	79.7	1551	2301	2.7	34.7	-14	1	32.5	425.4	-14.7	1.4	-5.0
27TH	338.00	5.0	80.4	1551	2301	3.2	34.9	-13	1					
28TH	350.50									27.5	345.1	-9.8	1.0	-3.9
		5.7	81.0	1551	2301	3.7	35.2	-13	1					
29TH	363.00	6.5	81.7	1551	2301	4.2	35.5	-13	1	21.8	264.0	-6.0	.7	-2.9
30TH	375.50	4.5	76.9	1551	2301	2.9	33.4	-12	1	15.2	182.3	-3.2	.5	-1.8
31ST	388.00	1.5	69.5	1613	2393	1.0	29.0	-12	0	10.7	105.4	-1.4	.3	-.8
32ND	401.00	4.0	21.1	1404	1559	2.8	13.5	0	-0	9.2	36.0	-.5	.2	-.0
ROOF	415.50									5.2	14.9	-.2	.1	-.0
		5.2	14.9	845	1610	6.2	9.2	-1	0					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00									569.8	1440.3	-367.3	116.9	-6.7
2ND	23.00	1.4	16.5	1450	2247	1.0	7.3	-11	1	568.3	1423.8	-334.4	103.9	-6.5
3RD	38.00	-1.2	9.4	945	1466	-1.2	6.4	-20	-0	568.5	1414.4	-313.1	95.3	-6.3
4TH	50.50	22.8	18.1	1576	1701	14.5	10.7	11	-14	545.7	1396.3	-295.5	88.4	-6.8
5TH	62.50	22.9	23.6	1513	1934	15.2	12.2	8	-8	522.8	1372.6	-278.9	82.0	-7.2
6TH	75.50	27.7	20.8	1702	1869	16.2	11.1	5	-7	495.1	1351.9	-261.2	75.3	-7.5
7TH	88.00	27.3	18.2	1664	1701	16.4	10.7	4	-6	467.8	1333.6	-244.4	69.3	-7.7
8TH	100.50	26.7	19.3	1664	1701	16.1	11.3	4	-6	441.0	1314.4	-227.9	63.6	-8.0
9TH	113.00	26.2	20.3	1664	1701	15.7	11.9	4	-6	414.9	1294.1	-211.6	58.3	-8.2
10TH	125.50	25.7	21.3	1664	1701	15.4	12.5	5	-5	389.2	1272.8	-195.5	53.3	-8.5
11TH	138.00	25.1	22.4	1664	1701	15.1	13.1	5	-5	364.1	1250.4	-179.7	48.6	-8.7
12TH	150.50	22.5	36.6	1585	2177	14.2	16.8	-1	1	341.6	1213.8	-164.3	44.2	-8.6
13TH	163.00	20.6	42.6	1551	2301	13.3	18.5	-3	1	321.0	1171.2	-149.4	40.0	-8.5
14TH	175.50	19.6	45.1	1551	2301	12.6	19.6	-4	2	301.4	1126.1	-135.1	36.1	-8.3
15TH	188.00	18.6	47.6	1551	2301	12.0	20.7	-5	2	282.8	1078.5	-121.3	32.5	-8.0
16TH	200.50	17.6	50.1	1551	2301	11.4	21.8	-6	2	265.2	1028.4	-108.1	29.0	-7.7
17TH	213.00	16.6	52.5	1551	2301	10.7	22.8	-7	2	248.6	975.9	-95.6	25.8	-7.3
18TH	225.50	15.6	55.0	1551	2301	10.1	23.9	-8	2	232.9	920.9	-83.8	22.8	-6.8
19TH	238.00	14.4	60.4	1551	2301	9.3	26.3	-6	2	218.5	860.5	-72.6	20.0	-6.4
20TH	250.50	14.6	62.2	1551	2301	9.4	27.1	-6	1	203.9	798.2	-62.3	17.4	-6.0
21ST	263.00	14.8	62.8	1551	2301	9.5	27.3	-7	2	189.1	735.4	-52.7	14.9	-5.6
22ND	275.50	15.0	63.4	1551	2301	9.7	27.5	-7	2	174.1	672.1	-43.9	12.6	-5.1
23RD	288.00	15.2	63.9	1551	2301	9.8	27.8	-8	2	158.9	608.2	-35.9	10.6	-4.6
24TH	300.50	15.4	64.5	1551	2301	9.9	28.0	-8	2	143.5	543.7	-28.7	8.7	-4.0
25TH	313.00	15.6	65.0	1551	2301	10.1	28.3	-8	2	127.9	478.7	-22.3	7.0	-3.5
		14.8	65.1	1551	2301	9.6	28.3	-8	2					

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	15.3	65.5	1551	2301	9.9	28.5	-8	2	113.1	413.6	-16.7	5.5	-2.9
27TH	338.00	15.8	66.0	1551	2301	10.2	28.7	-8	2	97.7	348.1	-11.9	4.1	-2.3
28TH	350.50	16.4	66.5	1551	2301	10.5	28.9	-8	2	81.9	282.1	-8.0	3.0	-1.8
29TH	363.00	16.9	67.0	1551	2301	10.9	29.1	-8	2	65.5	215.6	-4.9	2.1	-1.2
30TH	375.50	13.1	63.0	1551	2301	8.4	27.4	-7	1	48.7	148.6	-2.6	1.4	-.6
31ST	388.00	9.1	56.7	1613	2393	5.0	23.7	-6	1	35.6	85.6	-1.2	.9	-.2
32ND	401.00	13.6	17.4	1404	1559	9.7	11.2	6	-5	27.5	28.9	-.4	.4	.2
ROOF	415.50	14.0	11.4	845	1610	16.5	7.1	0	-0	14.0	11.4	-.1	.1	.0
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 150		CONFIGURATION A		REFERENCE PRESSURE 31.0 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	
1ST	0.00									917.5	881.2	-248.4	199.8	-1.2
2ND	23.00	9.9	-10.9	1450	2247	6.8	-4.8	11	10	907.6	892.1	-228.0	178.8	1.1
3RD	38.00	6.5	-6.6	945	1466	6.9	-4.5	13	13	901.1	898.8	-214.6	165.2	1.2
4TH	50.50	27.7	5.8	1576	1701	17.6	3.4	4	-17	873.4	893.0	-203.4	154.2	-1.3
5TH	62.50	28.6	12.5	1513	1934	18.9	6.5	5	-11	844.9	880.5	-192.7	143.8	-1.6
6TH	75.50	34.7	9.2	1702	1869	20.4	4.9	2	-8	810.1	871.3	-181.3	133.1	-1.9
7TH	88.00	34.8	6.8	1664	1701	20.9	4.0	1	-7	775.3	864.5	-170.5	123.2	-1.2
8TH	100.50	34.8	6.4	1664	1701	20.9	3.8	1	-7	740.5	858.1	-159.7	113.7	-1.4
9TH	113.00	34.8	6.1	1664	1701	20.9	3.6	1	-8	705.7	852.1	-149.0	104.7	-1.7
10TH	125.50	34.7	5.7	1664	1701	20.9	3.4	1	-9	671.0	846.3	-138.4	96.1	-2.0
11TH	138.00	34.7	5.4	1664	1701	20.8	3.2	1	-10	636.3	841.0	-127.9	87.9	-2.4
12TH	150.50	32.3	16.4	1585	2177	20.4	7.5	2	-4	604.1	824.6	-117.5	80.1	-2.6
13TH	163.00	30.6	21.6	1551	2301	19.7	9.4	2	-2	573.5	803.0	-107.3	72.8	-2.7
14TH	175.50	29.9	24.2	1551	2301	19.3	10.5	1	-1	543.5	778.8	-97.4	65.8	-2.7
15TH	188.00	29.2	26.8	1551	2301	18.8	11.6	-1	1	514.3	752.0	-87.8	59.2	-2.7
16TH	200.50	28.5	29.4	1551	2301	18.4	12.8	-2	2	485.8	722.6	-78.6	52.9	-2.6
17TH	213.00	27.8	32.0	1551	2301	17.9	13.9	-3	3	458.0	690.6	-69.8	47.0	-2.4
18TH	225.50	27.1	34.6	1551	2301	17.5	15.0	-4	3	430.9	656.0	-61.4	41.5	-2.2
19TH	238.00	26.9	38.9	1551	2301	17.3	16.9	-3	2	404.0	617.1	-53.4	36.3	-2.0
20TH	250.50	27.3	40.8	1551	2301	17.6	17.7	-3	2	404.0	617.1	-53.4	36.3	-2.0
21ST	263.00	27.8	42.0	1551	2301	17.9	18.2	-3	2	376.7	576.3	-46.0	31.4	-1.9
22ND	275.50	27.8	42.0	1551	2301	17.9	18.2	-3	2	348.9	534.3	-39.0	26.9	-1.7
23RD	288.00	28.2	43.1	1551	2301	18.2	18.7	-3	2	320.7	491.2	-32.6	22.7	-1.5
24TH	300.50	28.7	44.3	1551	2301	18.5	19.2	-4	2	292.0	446.9	-26.7	18.8	-1.3
25TH	313.00	29.2	45.4	1551	2301	18.8	19.8	-4	3	262.8	401.5	-21.4	15.4	-1.0
		29.6	46.6	1551	2301	19.1	20.3	-4	3	233.2	354.9	-16.7	12.3	-0.7
		29.0	47.1	1551	2301	18.7	20.5	-4	3					



TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 150														
		CONFIGURATION A				ONE READING CENTER REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									204.2	307.8	-12.6	9.5	-.4
		29.3	47.7	1551	2301	18.9	20.7	-4	2					
27TH	338.00									174.9	260.1	-9.0	7.2	-.2
		29.5	48.4	1551	2301	19.0	21.0	-3	2					
28TH	350.50									145.4	211.7	-6.1	5.2	.0
		29.8	49.1	1551	2301	19.2	21.3	-3	2					
29TH	363.00									115.6	162.6	-3.7	3.5	.2
		30.1	49.8	1551	2301	19.4	21.6	-3	2					
30TH	375.50									85.5	112.8	-2.0	2.3	.4
		24.7	47.1	1551	2301	15.9	20.5	-1	0					
31ST	388.00									60.8	65.6	-.9	1.4	.5
		17.8	42.8	1613	2393	11.1	17.9	3	-1					
32ND	401.00									42.9	22.8	-.3	.7	.3
		21.7	13.8	1404	1559	15.4	8.8	6	-10					
ROOF	415.50									21.3	9.1	-.1	.2	.0
		21.3	9.1	845	1610	25.2	5.6	0	-1					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS  
WIND DIRECTION 160

ONE READING CENTER  
CONFIGURATION A  
REFERENCE PRESSURE 31.0 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	26.4	6.6	1450	2247	18.2	2.9	-2	8	1253.7	782.6	-215.7	274.9	15.1
2ND	23.00	15.4	-1.1	945	1466	16.3	-1.7	0	7	1227.3	776.0	-197.8	246.3	15.3
3RD	38.00	39.0	9.2	1576	1701	24.8	5.4	4	-16	1211.9	777.1	-186.2	228.0	15.4
4TH	50.50	36.6	13.2	1513	1934	24.2	6.8	5	-14	1172.9	767.9	-176.5	213.1	14.8
5TH	62.50	40.6	6.4	1702	1869	23.8	3.4	2	-14	1136.2	754.8	-167.4	199.3	14.2
6TH	75.50	40.0	2.2	1664	1701	24.0	1.3	1	-14	1095.7	748.4	-157.6	184.8	13.6
7TH	88.00	40.7	1.7	1664	1701	24.5	1.0	1	-16	1055.7	746.2	-148.3	171.3	13.0
8TH	100.50	41.4	1.1	1664	1701	24.9	.7	0	-17	1015.0	744.5	-138.9	158.4	12.4
9TH	113.00	42.1	.6	1664	1701	25.3	.4	0	-18	973.6	743.4	-129.6	146.0	11.7
10TH	125.50	42.8	.1	1664	1701	25.7	.1	0	-19	931.5	742.7	-120.4	134.1	10.9
11TH	138.00	41.9	15.3	1585	2177	26.4	7.0	4	-10	888.7	742.6	-111.1	122.7	10.1
12TH	150.50	40.7	21.7	1551	2301	26.2	9.5	4	-7	846.8	727.4	-101.9	111.8	9.6
13TH	163.00	40.2	24.3	1551	2301	25.9	10.5	4	-7	806.1	705.6	-92.9	101.5	9.2
14TH	175.50	39.7	26.8	1551	2301	25.6	11.6	4	-6	765.9	681.3	-84.3	91.7	8.9
15TH	188.00	39.3	29.3	1551	2301	25.3	12.7	4	-5	726.2	654.6	-75.9	82.4	8.5
16TH	200.50	38.8	31.8	1551	2301	25.0	13.8	4	-5	686.9	625.3	-67.9	73.5	8.2
17TH	213.00	38.4	34.3	1551	2301	24.7	14.9	4	-4	648.1	593.6	-60.3	65.2	7.9
18TH	225.50	38.4	35.7	1551	2301	24.7	15.5	7	-7	609.7	559.3	-53.1	57.3	7.6
19TH	238.00	39.3	36.1	1551	2301	25.3	15.7	7	-8	571.4	523.6	-46.3	49.9	7.1
20TH	250.50	40.1	36.5	1551	2301	25.9	15.9	7	-7	532.1	487.5	-40.0	43.0	6.5
21ST	263.00	41.0	36.9	1551	2301	26.4	16.1	6	-7	492.0	451.0	-34.1	36.6	5.9
22ND	275.50	41.9	37.3	1551	2301	27.0	16.2	5	-6	451.0	414.1	-28.7	30.7	5.4
23RD	288.00	42.7	37.8	1551	2301	27.5	16.4	5	-6	409.1	376.7	-23.8	25.4	5.0
24TH	300.50	43.6	38.2	1551	2301	28.1	16.6	4	-5	366.4	339.0	-19.3	20.5	4.6
25TH	313.00	43.5	37.1	1551	2301	28.0	16.1	5	-6	322.8	300.8	-15.3	16.2	4.2

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER										
WIND DIRECTION 160		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									279.4	263.6	-11.8	12.5	3.7
		43.0	37.3	1551	2301	27.7	16.2	6	-7					
27TH	338.00									236.4	226.4	-8.7	9.2	3.2
		42.5	37.9	1551	2301	27.4	16.5	6	-6					
28TH	350.50									193.9	188.4	-6.1	6.5	2.7
		42.0	38.6	1551	2301	27.1	16.8	6	-6					
29TH	363.00									151.8	149.9	-4.0	4.4	2.3
		41.5	39.2	1551	2301	26.8	17.1	6	-6					
30TH	375.50									110.3	110.6	-2.4	2.7	1.8
		35.0	38.2	1551	2301	22.6	16.6	8	-7					
31ST	388.00									75.3	72.4	-1.2	1.6	1.2
		27.2	37.0	1613	2393	16.9	15.5	13	-9					
32ND	401.00									48.1	35.4	-.5	.8	.5
		24.0	19.5	1404	1559	17.1	12.5	9	-11					
ROOF	415.50									24.1	15.9	-.2	.3	.1
		24.1	15.9	845	1610	28.5	9.8	1	-2					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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	17.8	-15.7	1450	2247	12.3	-7.0	6	7	1024.7	269.5	-98.6	231.4	23.6
2ND	23.00	9.0	-14.4	945	1466	9.5	-9.8	3	2	1006.9	285.2	-92.2	208.1	23.8
3RD	38.00	29.2	-2.7	1576	1701	18.5	-1.6	-2	-22	997.9	299.6	-87.8	193.0	23.9
4TH	50.50	27.4	1.3	1513	1934	18.1	.7	1	-22	968.7	302.3	-84.1	180.7	23.2
5TH	62.50	30.7	-5.4	1702	1869	18.0	-2.9	-3	-20	941.3	301.0	-80.4	169.3	22.6
6TH	75.50	30.6	-8.6	1664	1701	18.4	-5.1	-5	-18	910.7	306.3	-76.5	157.2	22.0
7TH	88.00	31.3	-9.1	1664	1701	18.8	-5.3	-5	-19	880.1	314.9	-72.6	146.0	21.4
8TH	100.50	32.1	-9.6	1664	1701	19.3	-5.6	-6	-19	848.8	324.0	-68.6	135.2	20.8
9TH	113.00	32.9	-10.1	1664	1701	19.8	-5.9	-6	-20	816.7	333.6	-64.5	124.8	20.1
10TH	125.50	33.6	-10.6	1664	1701	20.2	-6.2	-6	-20	783.8	343.6	-60.3	114.8	19.4
11TH	138.00	32.9	-.4	1585	2177	20.7	-.2	-0	-19	750.2	354.2	-55.9	105.2	18.6
12TH	150.50	32.0	4.7	1551	2301	20.7	2.1	3	-18	717.3	354.6	-51.5	96.1	18.0
13TH	163.00	31.9	7.4	1551	2301	20.6	3.2	4	-17	685.3	349.8	-47.1	87.3	17.4
14TH	175.50	31.7	10.1	1551	2301	20.5	4.4	5	-16	653.4	342.4	-42.8	78.9	16.9
15TH	188.00	31.6	12.8	1551	2301	20.4	5.6	6	-14	621.6	332.3	-38.5	71.0	16.3
16TH	200.50	31.4	15.5	1551	2301	20.3	6.7	6	-13	590.1	319.6	-34.5	63.4	15.8
17TH	213.00	31.3	18.1	1551	2301	20.2	7.9	7	-12	558.6	304.1	-30.6	56.2	15.3
18TH	225.50	32.1	19.7	1551	2301	20.7	8.6	10	-16	527.4	286.0	-26.9	49.4	14.8
19TH	238.00	33.1	19.7	1551	2301	21.3	8.6	11	-18	495.3	266.3	-23.4	43.0	14.1
20TH	250.50	34.1	19.7	1551	2301	22.0	8.6	10	-18	462.2	246.5	-20.2	37.0	13.3
21ST	263.00	35.1	19.7	1551	2301	22.6	8.5	10	-18	428.1	226.8	-17.3	31.5	12.5
22ND	275.50	36.1	19.6	1551	2301	23.3	8.5	10	-19	393.0	207.2	-14.6	26.3	11.6
23RD	288.00	37.1	19.6	1551	2301	23.9	8.5	10	-19	356.9	187.5	-12.1	21.7	10.8
24TH	300.50	38.1	19.6	1551	2301	24.6	8.5	10	-19	319.7	167.9	-9.9	17.4	9.9
25TH	313.00	38.5	18.2	1551	2301	24.8	7.9	11	-23	281.6	148.4	-7.9	13.7	8.9

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 170														
CONFIGURATION A					ONE READING CENTER REFERENCE PRESSURE 31.0 PSF					GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									243.1	130.2	-6.1	10.4	7.9
		38.4	17.8	1551	2301	24.8	7.7	11	-24					
27TH	338.00									204.7	112.4	-4.6	7.6	6.7
		38.4	17.9	1551	2301	24.7	7.8	11	-24					
28TH	350.50									166.3	94.5	-3.3	5.3	5.6
		38.3	18.0	1551	2301	24.7	7.8	12	-25					
29TH	363.00									128.0	76.5	-2.3	3.4	4.4
		38.2	18.1	1551	2301	24.6	7.9	12	-25					
30TH	375.50									89.8	58.4	-1.4	2.1	3.2
		32.0	17.4	1551	2301	20.6	7.5	16	-30					
31ST	388.00									57.8	41.0	-.8	1.1	2.0
		24.3	16.4	1613	2393	15.1	6.9	26	-39					
32ND	401.00									33.5	24.6	-.4	.6	.6
		16.0	13.5	1404	1559	11.4	8.7	16	-19					
ROOF	415.50									17.5	11.1	-.1	.2	.1
		17.5	11.1	845	1610	20.7	6.9	2	-4					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	24.3	-38.5	1450	2247	16.8	-17.2	-1	-1	1211.3	-349.9	39.3	277.4	37.7
2ND	23.00	12.5	-29.1	945	1466	13.2	-19.8	-7	-3	1187.0	-311.4	31.7	249.8	37.6
3RD	38.00	30.0	-15.8	1576	1701	19.0	-9.3	-12	-23	1174.5	-282.3	27.2	232.1	37.4
4TH	50.50	27.6	-12.5	1513	1934	18.3	-6.5	-12	-27	1144.5	-266.5	23.8	217.6	36.5
5TH	62.50	30.1	-19.1	1702	1869	17.7	-10.2	-15	-24	1116.9	-254.0	20.7	204.0	35.6
6TH	75.50	30.5	-21.9	1664	1701	18.3	-12.9	-15	-22	1086.8	-234.9	17.5	189.7	34.6
7TH	88.00	32.3	-23.5	1664	1701	19.4	-13.8	-15	-21	1056.3	-213.0	14.7	176.3	33.6
8TH	100.50	34.0	-25.1	1664	1701	20.4	-14.8	-14	-20	1024.0	-189.5	12.2	163.3	32.6
9TH	113.00	35.8	-26.7	1664	1701	21.5	-15.7	-14	-19	990.0	-164.4	10.0	150.7	31.6
10TH	125.50	37.6	-28.4	1664	1701	22.6	-16.7	-14	-18	954.2	-137.7	8.1	138.5	30.5
11TH	138.00	37.9	-22.3	1585	2177	23.9	-10.2	-13	-21	916.6	-109.3	6.6	126.9	29.5
12TH	150.50	37.8	-17.8	1551	2301	24.4	-7.7	-11	-23	878.8	-87.0	5.3	115.6	28.4
13TH	163.00	38.3	-14.4	1551	2301	24.7	-6.3	-9	-23	841.0	-69.3	4.4	104.9	27.3
14TH	175.50	38.8	-11.1	1551	2301	25.0	-4.8	-7	-23	802.7	-54.8	3.6	94.6	26.3
15TH	188.00	39.3	-7.8	1551	2301	25.4	-3.4	-4	-22	763.8	-43.7	3.0	84.8	25.3
16TH	200.50	39.8	-4.4	1551	2301	25.7	-1.9	-2	-21	724.5	-36.0	2.5	75.5	24.4
17TH	213.00	40.3	-1.1	1551	2301	26.0	-.5	-1	-20	684.7	-31.5	2.0	66.7	23.6
18TH	225.50	42.0	.3	1551	2301	27.1	.1	0	-24	644.3	-30.4	1.7	58.4	22.7
19TH	238.00	43.0	-.5	1551	2301	27.7	-.2	-0	-27	602.3	-30.7	1.3	50.6	21.7
20TH	250.50	43.9	-1.4	1551	2301	28.3	-.6	-1	-28	559.3	-30.1	.9	43.4	20.6
21ST	263.00	44.9	-2.3	1551	2301	28.9	-1.0	-1	-30	515.4	-28.7	.5	36.6	19.3
22ND	275.50	45.8	-3.1	1551	2301	29.5	-1.4	-2	-31	470.5	-26.5	.2	30.5	18.0
23RD	288.00	46.7	-4.0	1551	2301	30.1	-1.7	-3	-32	424.7	-23.4	-.1	24.9	16.6
24TH	300.50	47.7	-4.9	1551	2301	30.7	-2.1	-3	-33	378.0	-19.4	-.4	19.9	15.1
25TH	313.00	48.3	-6.9	1551	2301	31.1	-3.0	-5	-36	330.4	-14.5	-.6	15.4	13.5

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 180														
CONFIGURATION A						ONE READING CENTER REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									282.0	-7.6	-.7	11.6	11.7
		47.4	-6.5	1551	2301	30.6	-2.8	-5	-38					
27TH	338.00									234.6	-1.1	-.8	8.4	9.9
		46.5	-5.4	1551	2301	30.0	-2.3	-5	-39					
28TH	350.50									188.1	4.3	-.8	5.7	8.0
		45.6	-4.2	1551	2301	29.4	-1.8	-4	-41					
29TH	363.00									142.5	8.6	-.7	3.7	6.2
		44.7	-3.1	1551	2301	28.8	-1.3	-3	-42					
30TH	375.50									97.8	11.6	-.6	2.2	4.3
		37.2	-2.1	1551	2301	24.0	-.9	-3	-52					
31ST	388.00									60.6	13.7	-.4	1.2	2.4
		28.3	-1.3	1613	2393	17.6	-.5	-3	-71					
32ND	401.00									32.3	15.0	-.2	.6	.3
		13.4	8.2	1404	1559	9.5	5.2	12	-19					
ROOF	415.50									18.9	6.8	-.1	.2	.0
		18.9	6.8	845	1610	22.3	4.2	0	-0					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 190

ONE READING CENTER  
CONFIGURATION A  
REFERENCE PRESSURE 31.0 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	22.6	-46.9	1450	2247	15.6	-20.9	-3	-2	1284.6	-810.1	150.9	301.5	37.2
2ND	23.00	11.2	-35.1	945	1466	11.8	-23.9	-9	-3	1262.0	-763.2	132.8	272.2	37.1
3RD	38.00	27.8	-21.6	1576	1701	17.6	-12.7	-17	-22	1250.8	-728.2	121.6	253.4	36.7
4TH	50.50	25.5	-18.4	1513	1934	16.9	-9.5	-19	-27	1223.0	-706.6	112.6	237.9	35.7
5TH	62.50	27.8	-25.6	1702	1869	16.3	-13.7	-22	-24	1197.5	-688.1	104.3	223.4	34.7
6TH	75.50	28.5	-29.0	1664	1701	17.1	-17.0	-22	-22	1169.7	-662.6	95.5	208.0	33.4
7TH	88.00	30.6	-32.2	1664	1701	18.4	-19.0	-21	-20	1141.2	-633.6	87.4	193.5	32.2
8TH	100.50	32.7	-35.5	1664	1701	19.7	-20.9	-20	-19	1110.6	-601.3	79.7	179.5	30.9
9TH	113.00	34.9	-38.8	1664	1701	21.0	-22.8	-20	-18	1077.8	-565.8	72.4	165.8	29.5
10TH	125.50	37.0	-42.0	1664	1701	22.2	-24.7	-19	-17	1042.9	-527.0	65.5	152.5	28.2
11TH	138.00	38.4	-38.3	1585	2177	24.2	-17.6	-19	-20	1005.9	-485.0	59.2	139.7	26.7
12TH	150.50	39.2	-34.3	1551	2301	25.3	-14.9	-18	-21	967.5	-446.7	53.4	127.4	25.2
13TH	163.00	40.4	-30.9	1551	2301	26.0	-13.4	-16	-20	928.3	-412.4	48.0	115.6	23.8
14TH	175.50	41.6	-27.5	1551	2301	26.8	-12.0	-13	-20	887.9	-381.5	43.1	104.2	22.5
15TH	188.00	42.8	-24.2	1551	2301	27.6	-10.5	-11	-19	846.3	-354.0	38.5	93.4	21.3
16TH	200.50	44.0	-20.8	1551	2301	28.4	-9.0	-8	-17	803.5	-329.8	34.2	83.0	20.2
17TH	213.00	45.3	-17.4	1551	2301	29.2	-7.6	-6	-16	759.5	-309.0	30.2	73.3	19.3
18TH	225.50	47.4	-17.7	1551	2301	30.5	-7.7	-6	-17	714.2	-291.6	26.4	64.1	18.5
19TH	238.00	48.4	-18.8	1551	2301	31.2	-8.2	-7	-19	666.8	-273.9	22.9	55.4	17.5
20TH	250.50	49.5	-19.3	1551	2301	31.9	-8.4	-8	-19	618.4	-255.1	19.6	47.4	16.5
21ST	263.00	50.6	-19.8	1551	2301	32.6	-8.6	-8	-20	568.9	-235.8	16.5	40.0	15.4
22ND	275.50	51.6	-20.3	1551	2301	33.3	-8.8	-8	-20	518.3	-215.9	13.7	33.2	14.2
23RD	288.00	52.7	-20.8	1551	2301	33.9	-9.1	-8	-21	466.7	-195.6	11.1	27.0	13.0
24TH	300.50	53.7	-21.3	1551	2301	34.6	-9.3	-8	-21	414.1	-174.8	8.8	21.5	11.8
25TH	313.00	54.2	-22.6	1551	2301	34.9	-9.8	-9	-22	360.3	-153.5	6.8	16.7	10.5



TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 190														
ONE READING CENTER CONFIGURATION A														
REFERENCE PRESSURE 31.0 PSF														
GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									306.1	-130.9	5.0	12.5	9.0
27TH	338.00	52.8	-22.5	1551	2301	34.0	-9.8	-10	-24	253.3	-108.4	3.5	9.0	7.6
28TH	350.50	51.4	-22.0	1551	2301	33.1	-9.6	-11	-25	201.9	-86.4	2.3	6.2	6.1
29TH	363.00	50.0	-21.6	1551	2301	32.2	-9.4	-11	-25	151.9	-64.8	1.3	4.0	4.6
30TH	375.50	48.6	-21.1	1551	2301	31.3	-9.2	-11	-26	103.4	-43.7	.7	2.4	3.0
31ST	388.00	38.9	-19.9	1551	2301	25.1	-8.7	-16	-31	64.4	-23.8	.2	1.3	1.5
32ND	401.00	27.2	-18.8	1613	2393	16.9	-7.8	-26	-37	37.2	-5.0	.1	.7	.0
ROOF	415.50	15.1	-4.0	1404	1559	10.7	-2.6	-2	-6	22.2	-1.0	.0	.2	-.1
TOP	436.67	22.2	-1.0	845	1610	26.2	-.6	0	4	0.0	0.0	0.0	0.0	0.0

		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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													
		19.8	-59.0	1450	2247	13.7	-26.3	-3	-1	1313.7	-752.9	120.4	312.7	24.4
2ND	23.00	9.3	-42.7	945	1466	9.8	-29.1	-8	-2	1293.9	-693.8	103.8	282.8	24.2
3RD	38.00	28.7	-26.0	1576	1701	18.2	-15.3	-18	-20	1284.6	-651.2	93.7	263.4	23.8
4TH	50.50	25.5	-22.0	1513	1934	16.8	-11.4	-21	-24	1255.9	-625.1	85.7	247.5	22.8
5TH	62.50	26.7	-29.8	1702	1869	15.7	-15.9	-23	-20	1230.4	-603.2	78.3	232.6	21.7
6TH	75.50	27.2	-32.8	1664	1701	16.3	-19.3	-22	-18	1203.7	-573.4	70.7	216.8	20.4
7TH	88.00	29.4	-35.5	1664	1701	17.7	-20.9	-20	-16	1176.5	-540.5	63.7	201.9	19.2
8TH	100.50	31.6	-38.1	1664	1701	19.0	-22.4	-18	-15	1147.1	-505.1	57.2	187.4	18.1
9TH	113.00	33.9	-40.7	1664	1701	20.4	-23.9	-16	-14	1115.5	-467.0	51.1	173.3	16.9
10TH	125.50	36.1	-43.3	1664	1701	21.7	-25.5	-15	-12	1081.6	-426.3	45.5	159.5	15.8
11TH	138.00	38.1	-38.5	1585	2177	24.0	-17.7	-15	-14	1045.5	-382.9	40.5	146.2	14.7
12TH	150.50	39.2	-34.1	1551	2301	25.3	-14.8	-13	-15	1007.4	-344.5	35.9	133.4	13.6
13TH	163.00	40.8	-30.4	1551	2301	26.3	-13.2	-11	-15	968.2	-310.4	31.8	121.1	12.5
14TH	175.50	42.4	-26.7	1551	2301	27.3	-11.6	-8	-13	927.4	-280.0	28.1	109.2	11.6
15TH	188.00	44.0	-22.9	1551	2301	28.3	-10.0	-6	-12	885.0	-253.4	24.8	97.9	10.8
16TH	200.50	45.5	-19.2	1551	2301	29.4	-8.4	-4	-10	841.0	-230.4	21.8	87.1	10.1
17TH	213.00	47.1	-15.5	1551	2301	30.4	-6.8	-3	-8	795.5	-211.2	19.0	76.9	9.6
18TH	225.50	50.1	-15.7	1551	2301	32.3	-6.8	-3	-10	748.4	-195.7	16.5	67.2	9.2
19TH	238.00	51.0	-15.9	1551	2301	32.9	-6.9	-3	-11	698.3	-180.0	14.1	58.2	8.7
20TH	250.50	51.9	-15.5	1551	2301	33.5	-6.7	-3	-11	647.4	-164.1	12.0	49.8	8.0
21ST	263.00	52.8	-15.0	1551	2301	34.1	-6.5	-3	-11	595.5	-148.6	10.0	42.0	7.4
22ND	275.50	53.7	-14.6	1551	2301	34.6	-6.3	-3	-12	542.6	-133.6	8.3	34.9	6.8
23RD	288.00	54.7	-14.1	1551	2301	35.2	-6.1	-3	-12	488.9	-119.0	6.7	28.4	6.1
24TH	300.50	55.6	-13.7	1551	2301	35.8	-5.9	-3	-12	434.2	-104.8	5.3	22.7	5.4
25TH	313.00	56.2	-13.3	1551	2301	36.2	-5.8	-3	-12	378.6	-91.2	4.1	17.6	4.7

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 200		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	54.8	-12.9	1551	2301	35.3	-5.6	-3	-13	322.4	-77.9	3.0	13.2	3.9
27TH	338.00	53.4	-12.6	1551	2301	34.4	-5.5	-3	-12	267.6	-65.0	2.1	9.5	3.2
28TH	350.50	52.0	-12.2	1551	2301	33.5	-5.3	-3	-12	214.2	-52.4	1.4	6.5	2.5
29TH	363.00	50.6	-11.9	1551	2301	32.6	-5.2	-3	-12	162.2	-40.2	.8	4.2	1.8
30TH	375.50	42.3	-12.5	1551	2301	27.2	-5.4	-4	-15	111.7	-28.4	.4	2.4	1.2
31ST	388.00	32.6	-14.6	1613	2393	20.2	-6.1	-9	-19	69.4	-15.9	.1	1.3	.5
32ND	401.00	16.8	-2.3	1404	1559	11.9	-1.5	1	4	36.7	-1.3	-.0	.6	-.3
ROOF	415.50	20.0	1.0	845	1610	23.7	.6	-1	10	20.0	1.0	-.0	.2	-.2
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER  
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 31.0 PSF

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		GUST FACTOR 1.32		
		X	Y	X	Y	X	Y	X	Y	X	Y	MOMENT (1000-FT-KIPS)	X	Y
1ST	0.00									1383.5	-766.2	118.8	328.1	17.6
2ND	23.00	21.3	-68.4	1450	2247	14.7	-30.4	-2	-1	1362.3	-697.8	101.9	296.5	17.4
3RD	38.00	10.4	-48.6	945	1466	11.0	-33.2	-4	-1	1351.8	-649.2	91.8	276.1	17.2
4TH	50.50	30.9	-29.9	1576	1701	19.6	-17.6	-15	-15	1321.0	-619.3	83.9	259.4	16.3
5TH	62.50	27.4	-24.9	1513	1934	18.1	-12.9	-16	-18	1293.6	-594.4	76.6	243.7	15.4
6TH	75.50	28.8	-33.3	1702	1869	16.9	-17.8	-17	-14	1264.8	-561.2	69.1	227.1	14.5
7TH	88.00	29.2	-35.9	1664	1701	17.5	-21.1	-15	-13	1235.6	-525.3	62.3	211.5	13.5
8TH	100.50	31.6	-37.6	1664	1701	19.0	-22.1	-14	-12	1204.0	-487.7	56.0	196.2	12.6
9TH	113.00	34.0	-39.2	1664	1701	20.4	-23.1	-12	-11	1170.1	-448.5	50.1	181.4	11.8
10TH	125.50	36.3	-40.9	1664	1701	21.8	-24.1	-11	-10	1133.7	-407.6	44.8	167.0	11.0
11TH	138.00	38.7	-42.6	1664	1701	23.3	-25.1	-10	-9	1095.0	-364.9	40.0	153.1	10.2
12TH	150.50	41.5	-36.6	1585	2177	26.2	-16.8	-9	-11	1053.6	-328.3	35.6	139.6	9.4
13TH	163.00	42.6	-32.2	1551	2301	27.4	-14.0	-9	-11	1011.0	-296.1	31.7	126.7	8.7
14TH	175.50	43.9	-28.7	1551	2301	28.3	-12.5	-7	-11	967.1	-267.4	28.2	114.4	8.0
15TH	188.00	45.3	-25.3	1551	2301	29.2	-11.0	-5	-10	921.8	-242.1	25.0	102.6	7.4
16TH	200.50	46.6	-21.9	1551	2301	30.0	-9.5	-4	-9	875.2	-220.3	22.1	91.3	6.9
17TH	213.00	48.0	-18.4	1551	2301	30.9	-8.0	-3	-7	827.3	-201.8	19.5	80.7	6.5
18TH	225.50	49.3	-15.0	1551	2301	31.8	-6.5	-2	-6	778.0	-186.9	17.1	70.6	6.2
19TH	238.00	51.8	-14.1	1551	2301	33.4	-6.1	-2	-7	726.2	-172.8	14.8	61.2	5.8
20TH	250.50	52.6	-13.9	1551	2301	33.9	-6.1	-2	-8	673.6	-158.8	12.7	52.5	5.3
21ST	263.00	53.3	-13.5	1551	2301	34.4	-5.9	-2	-8	620.2	-145.4	10.8	44.4	4.9
22ND	275.50	54.1	-13.0	1551	2301	34.9	-5.7	-2	-8	566.1	-132.3	9.1	37.0	4.4
23RD	288.00	54.9	-12.6	1551	2301	35.4	-5.5	-2	-8	511.3	-119.7	7.5	30.3	3.9
24TH	300.50	55.6	-12.1	1551	2301	35.9	-5.3	-2	-8	455.6	-107.6	6.1	24.2	3.5
25TH	313.00	56.4	-11.7	1551	2301	36.4	-5.1	-2	-8	399.2	-95.9	4.8	18.9	3.0
		57.3	-11.1	1551	2301	36.9	-4.8	-1	-8					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 210		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	56.2	-11.3	1551	2301	36.2	-4.9	-2	-8	342.0	-84.8	3.7	14.2	2.6
27TH	338.00	55.2	-11.8	1551	2301	35.6	-5.1	-2	-8	285.7	-73.4	2.7	10.3	2.1
28TH	350.50	54.2	-12.2	1551	2301	34.9	-5.3	-2	-8	230.5	-61.7	1.9	7.1	1.7
29TH	363.00	53.1	-12.6	1551	2301	34.2	-5.5	-2	-7	176.4	-49.5	1.2	4.6	1.2
30TH	375.50	45.5	-13.9	1551	2301	29.3	-6.0	-3	-10	123.2	-36.9	.6	2.7	.8
31ST	388.00	36.9	-16.7	1613	2393	22.9	-7.0	-7	-15	77.7	-23.0	.3	1.4	.3
32ND	401.00	20.7	-4.3	1404	1559	14.7	-2.7	1	4	40.8	-6.3	.1	.7	-.3
ROOF	415.50	20.1	-2.1	845	1559	14.7	-2.7	1	4	20.1	-2.1	.0	.2	-.2
TOP	436.67	20.1	-2.1	845	1610	23.8	-1.3	1	12	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER  
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 31.0 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	20.9	-61.5	1450	2247	14.4	-27.4	-0	-0	1273.7	-746.8	123.5	303.3	13.8
2ND	23.00	10.3	-44.0	945	1466	10.9	-30.0	-1	-0	1252.8	-685.3	107.0	274.2	13.8
3RD	38.00	28.3	-28.2	1576	1701	17.9	-16.6	-11	-11	1242.5	-641.3	97.0	255.5	13.7
4TH	50.50	25.4	-23.9	1513	1934	16.8	-12.4	-12	-12	1214.3	-613.2	89.2	240.2	13.1
5TH	62.50	27.0	-31.6	1702	1869	15.9	-16.9	-11	-9	1188.8	-589.2	82.0	225.7	12.5
6TH	75.50	27.3	-33.5	1664	1701	16.4	-19.7	-10	-8	1161.8	-557.7	74.5	210.5	11.9
7TH	88.00	29.3	-34.4	1664	1701	17.6	-20.2	-10	-8	1134.5	-524.2	67.8	196.1	11.3
8TH	100.50	31.2	-35.4	1664	1701	18.8	-20.8	-9	-8	1105.3	-489.8	61.4	182.1	10.8
9TH	113.00	33.2	-36.4	1664	1701	20.0	-21.4	-9	-8	1074.0	-454.4	55.5	168.5	10.2
10TH	125.50	35.1	-37.3	1664	1701	21.1	-21.9	-8	-8	1040.8	-418.0	50.1	155.3	9.6
11TH	138.00	38.2	-33.4	1585	2177	24.1	-15.3	-8	-9	1005.7	-380.7	45.1	142.5	9.0
12TH	150.50	39.0	-30.0	1551	2301	25.1	-13.1	-8	-10	967.4	-347.3	40.5	130.1	8.4
13TH	163.00	39.8	-27.1	1551	2301	25.7	-11.9	-7	-10	928.5	-317.3	36.4	118.3	7.8
14TH	175.50	40.6	-24.2	1551	2301	26.2	-10.5	-5	-9	888.7	-290.2	32.6	106.9	7.2
15TH	188.00	41.5	-21.3	1551	2301	26.7	-9.3	-4	-8	848.0	-265.9	29.1	96.1	6.7
16TH	200.50	42.3	-18.4	1551	2301	27.3	-8.0	-3	-7	806.5	-244.6	25.9	85.7	6.3
17TH	213.00	43.2	-15.5	1551	2301	27.8	-6.7	-2	-5	764.2	-226.2	23.0	75.9	6.0
18TH	225.50	46.2	-15.3	1551	2301	29.8	-6.7	-2	-7	721.1	-210.7	20.3	66.6	5.7
19TH	238.00	47.1	-15.2	1551	2301	30.3	-6.6	-3	-8	674.9	-195.4	17.7	57.9	5.4
20TH	250.50	48.0	-14.6	1551	2301	30.9	-6.3	-2	-8	627.8	-180.2	15.4	49.8	4.9
21ST	263.00	48.9	-14.0	1551	2301	31.5	-6.1	-2	-8	579.9	-165.6	13.2	42.2	4.5
22ND	275.50	49.7	-13.4	1551	2301	32.1	-5.8	-2	-7	531.0	-151.6	11.2	35.3	4.1
23RD	288.00	50.6	-12.8	1551	2301	32.6	-5.6	-2	-7	481.3	-138.2	9.4	29.0	3.7
24TH	300.50	51.5	-12.2	1551	2301	33.2	-5.3	-2	-6	430.6	-125.4	7.8	23.3	3.4
25TH	313.00	52.9	-11.4	1551	2301	34.1	-4.9	-1	-6	379.1	-113.2	6.3	18.2	3.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 220		CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
26TH	325.50									326.2	-101.9	4.9	13.8	2.7	
27TH	338.00	52.3	-11.9	1551	2301	33.7	-5.2	-1	-6	273.9	-90.0	3.7	10.0	2.3	
28TH	350.50	51.6	-12.7	1551	2301	33.3	-5.5	-2	-7	222.3	-77.3	2.7	6.9	1.9	
29TH	363.00	51.0	-13.5	1551	2301	32.8	-5.9	-2	-8	171.3	-63.9	1.8	4.5	1.5	
30TH	375.50	50.3	-14.3	1551	2301	32.4	-6.2	-3	-9	121.0	-49.6	1.1	2.7	1.0	
31ST	388.00	43.6	-15.8	1551	2301	28.1	-6.9	-4	-12	77.4	-33.8	.6	1.4	.4	
32ND	401.00	36.0	-18.7	1613	2393	22.3	-7.8	-9	-17	41.4	-15.1	.3	.6	-.3	
ROOF	413.50	22.2	-7.1	1404	1559	15.8	-4.6	1	2	19.2	-8.0	.1	.2	-.3	
TOP	436.67	19.2	-8.0	845	1610	22.7	-5.0	6	13	0.0	0.0	0.0	0.0	0.0	

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 230				CONFIGURATION A		ONE READING CENTER				REFERENCE PRESSURE 31.0 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									1068.9	-366.7	39.5	263.9	12.8		
2ND	23.00	11.1	-53.6	1450	2247	7.6	-23.8	2	1	1057.8	-313.1	31.7	239.4	12.9		
3RD	38.00	4.8	-36.5	945	1466	5.1	-24.9	0	0	1053.0	-276.6	27.2	223.6	12.9		
4TH	50.50	22.2	-20.1	1576	1701	14.1	-11.8	-14	-15	1030.8	-256.5	23.9	210.6	12.3		
5TH	62.50	19.0	-14.5	1513	1934	12.5	-7.5	-15	-19	1011.9	-242.0	20.9	198.3	11.8		
6TH	75.50	19.0	-20.4	1702	1869	11.2	-10.9	-16	-15	992.8	-221.6	17.9	185.3	11.1		
7TH	88.00	18.9	-22.1	1664	1701	11.3	-13.0	-16	-14	974.0	-199.6	15.3	173.0	10.5		
8TH	100.50	20.2	-22.9	1664	1701	12.2	-13.4	-15	-13	953.8	-176.7	12.9	161.0	9.9		
9TH	113.00	21.6	-23.7	1664	1701	13.0	-13.9	-14	-13	932.1	-153.0	10.8	149.2	9.3		
10TH	125.50	23.0	-24.5	1664	1701	13.8	-14.4	-13	-12	909.1	-128.6	9.1	137.7	8.7		
11TH	138.00	24.4	-25.3	1664	1701	14.6	-14.9	-12	-12	884.8	-103.3	7.6	126.5	8.1		
12TH	150.50	28.9	-20.0	1585	2177	18.2	-9.2	-8	-11	855.9	-83.3	6.5	115.6	7.6		
13TH	163.00	30.6	-16.5	1551	2301	19.7	-7.1	-6	-11	825.2	-66.8	5.5	105.1	7.2		
14TH	175.50	32.1	-13.6	1551	2301	20.7	-5.9	-4	-10	793.1	-53.2	4.8	95.0	6.8		
15TH	188.00	33.6	-10.8	1551	2301	21.7	-4.7	-3	-8	759.5	-42.4	4.2	85.3	6.5		
16TH	200.50	35.1	-8.0	1551	2301	22.6	-3.5	-1	-6	724.4	-34.4	3.7	76.0	6.2		
17TH	213.00	36.6	-5.2	1551	2301	23.6	-2.3	-1	-5	687.9	-29.1	3.3	67.2	6.1		
18TH	225.50	38.1	-2.4	1551	2301	24.5	-1.0	-0	-3	649.8	-26.7	3.0	58.8	6.0		
19TH	238.00	42.9	-3.3	1551	2301	27.6	-1.4	-0	-6	606.9	-23.4	2.6	50.9	5.7		
20TH	250.50	43.7	-3.5	1551	2301	28.2	-1.5	-1	-8	563.2	-19.9	2.4	43.6	5.3		
21ST	263.00	44.6	-2.9	1551	2301	28.7	-1.2	-1	-8	518.6	-17.1	2.1	36.9	4.9		
22ND	275.50	45.4	-2.2	1551	2301	29.3	-1.0	-0	-8	473.2	-14.9	1.9	30.7	4.6		
23RD	288.00	46.3	-1.6	1551	2301	29.8	-.7	-0	-8	427.0	-13.3	1.8	25.0	4.2		
24TH	300.50	47.1	-.9	1551	2301	30.4	-.4	-0	-8	379.9	-12.4	1.6	20.0	3.8		
25TH	313.00	47.9	-.3	1551	2301	30.9	-.1	-0	-8	331.9	-12.1	1.5	15.5	3.5		
		49.0	.5	1551	2301	31.6	.2	0	-7							



TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 230		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									262.9	-12.6	1.3	11.7	3.1
27TH	338.00	47.6	.8	1551	2301	30.7	.3	0	-8	235.3	-13.4	1.1	8.5	2.7
28TH	350.50	46.2	.9	1551	2301	29.8	.4	0	-9	189.1	-14.3	1.0	5.8	2.3
29TH	363.00	44.7	1.0	1551	2301	28.8	.5	0	-11	144.4	-15.4	.8	3.7	1.8
30TH	375.50	43.3	1.2	1551	2301	27.9	.5	0	-12	101.1	-16.6	.6	2.2	1.3
31ST	388.00	37.1	-.9	1551	2301	23.9	-.4	-0	-17	64.0	-15.7	.4	1.2	.7
32ND	401.00	30.2	-5.4	1613	2393	18.7	-2.3	-5	-28	33.8	-10.2	.2	.5	-.2
ROOF	415.50	18.1	-2.8	1404	1559	12.9	-1.8	-1	-3	15.8	-7.4	.1	.2	-.3
TOP	436.67	15.8	-7.4	845	1610	18.6	-4.6	6	13	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 240		CONFIGURATION A				REFERENCE PRESSURE 31.0 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	-2.7	-31.4	1450	2247	-1.8	-14.0	-1	0	531.4	-286.6	33.0	122.0	9.4
2ND	23.00	-2.6	-23.1	945	1466	-2.7	-15.8	-4	0	534.1	-255.2	26.8	109.7	9.4
3RD	38.00	9.2	-14.4	1576	1701	5.8	-8.5	-22	-14	536.6	-232.1	23.1	101.7	9.3
4TH	50.50	8.5	-11.6	1513	1934	5.6	-6.0	-24	-18	527.5	-217.7	20.3	95.1	8.8
5TH	62.50	9.5	-16.7	1702	1869	5.6	-8.9	-22	-13	519.0	-206.1	17.8	88.8	8.4
6TH	75.50	10.4	-18.1	1664	1701	6.2	-10.7	-20	-12	509.4	-189.5	15.2	82.1	7.9
7TH	88.00	11.9	-18.6	1664	1701	7.1	-10.9	-19	-12	499.0	-171.3	12.9	75.8	7.4
8TH	100.50	13.3	-19.0	1664	1701	8.0	-11.2	-17	-12	487.2	-152.8	10.9	69.6	6.9
9TH	113.00	14.8	-19.5	1664	1701	8.9	-11.5	-16	-12	473.9	-133.7	9.1	63.6	6.4
10TH	125.50	16.2	-19.9	1664	1701	9.7	-11.7	-14	-12	459.1	-114.3	7.6	57.8	6.0
11TH	138.00	19.5	-16.2	1585	2177	12.3	-7.4	-10	-12	442.9	-94.3	6.3	52.2	5.5
12TH	150.50	21.1	-13.8	1551	2301	13.6	-6.0	-8	-13	423.3	-78.1	5.2	46.7	5.1
13TH	163.00	22.6	-11.9	1551	2301	14.6	-5.2	-6	-12	402.2	-64.4	4.3	41.6	4.7
14TH	175.50	24.1	-10.0	1551	2301	15.6	-4.3	-4	-10	379.6	-52.5	3.6	36.7	4.4
15TH	188.00	25.6	-8.1	1551	2301	16.5	-3.5	-3	-9	355.4	-42.5	3.0	32.1	4.1
16TH	200.50	27.1	-6.2	1551	2301	17.5	-2.7	-2	-7	329.8	-34.5	2.5	27.8	3.8
17TH	213.00	28.6	-4.3	1551	2301	18.5	-1.9	-1	-5	302.7	-28.3	2.1	23.9	3.6
18TH	225.50	29.2	-4.0	1551	2301	18.8	-1.7	-1	-8	274.0	-24.0	1.8	20.3	3.5
19TH	238.00	27.7	-3.8	1551	2301	17.8	-1.6	-1	-10	244.8	-20.0	1.5	17.0	3.2
20TH	250.50	26.1	-3.2	1551	2301	16.8	-1.4	-1	-11	217.1	-16.2	1.3	14.1	3.0
21ST	263.00	24.5	-2.7	1551	2301	15.8	-1.2	-1	-11	191.0	-13.0	1.1	11.6	2.7
22ND	275.50	23.0	-2.1	1551	2301	14.8	-.9	-1	-12	166.5	-10.3	.9	9.3	2.4
23RD	288.00	21.4	-1.6	1551	2301	13.8	-.7	-1	-13	143.5	-8.2	.8	7.4	2.1
24TH	300.50	19.8	-1.0	1551	2301	12.8	-.4	-1	-13	122.1	-6.7	.7	5.7	1.8
25TH	313.00	17.9	-.3	1551	2301	11.5	-.1	-0	-14	102.3	-5.7	.7	4.3	1.6

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER		REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 240		CONFIGURATION A												
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									84.4	-5.4	.6	3.2	1.3
27TH	338.00	16.6	.0	1551	2301	10.7	.0	0	-14	67.8	-5.4	.5	2.2	1.1
28TH	350.50	15.4	.2	1551	2301	9.9	.1	0	-15	52.5	-5.6	.4	1.5	.9
29TH	363.00	14.1	.4	1551	2301	9.1	.2	0	-15	38.4	-6.0	.4	.9	.7
30TH	375.50	12.8	.5	1551	2301	8.3	.2	1	-16	25.5	-6.5	.3	.5	.4
31ST	388.00	10.3	.2	1551	2301	6.7	.1	0	-21	15.2	-6.7	.2	.2	.2
		7.6	-.7	1613	2393	4.7	-.3	-3	-34					
32ND	401.00									7.6	-6.0	.1	.1	-.0
		5.2	-1.2	1404	1559	3.7	-.8	-2	-7					
ROOF	415.50									2.5	-4.8	.1	.0	-.1
		2.5	-4.8	845	1610	2.9	-3.0	11	6					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-6.3	-23.8	1450	2247	-4.4	-10.6	-9	2	245.5	-202.4	19.8	49.9	3.2
2ND	23.00	-4.1	-17.1	945	1466	-4.3	-11.7	-9	2	251.8	-178.6	15.5	44.2	3.0
3RD	38.00	5.6	-11.1	1576	1701	3.6	-6.6	-22	-11	255.9	-161.5	12.9	40.4	2.8
4TH	50.50	5.6	-10.1	1513	1934	3.7	-5.2	-24	-13	250.3	-150.3	11.0	37.2	2.5
5TH	62.50	6.7	-12.6	1702	1869	3.9	-6.7	-22	-12	244.6	-140.3	9.2	34.3	2.2
6TH	75.50	7.6	-13.0	1664	1701	4.6	-7.6	-19	-11	238.0	-127.7	7.5	31.1	1.8
7TH	88.00	9.0	-13.1	1664	1701	5.4	-7.7	-16	-11	230.4	-114.8	6.0	28.2	1.5
8TH	100.50	10.5	-13.2	1664	1701	6.3	-7.7	-13	-10	221.3	-101.7	4.6	25.4	1.2
9TH	113.00	11.9	-13.3	1664	1701	7.2	-7.8	-10	-9	210.8	-88.5	3.4	22.7	.9
10TH	125.50	13.3	-13.4	1664	1701	8.0	-7.9	-8	-8	198.9	-75.2	2.4	20.1	.7
11TH	138.00	13.8	-11.1	1585	2177	8.7	-5.1	-7	-8	185.6	-61.8	1.5	17.7	.4
12TH	150.50	13.6	-9.8	1551	2301	8.8	-4.2	-6	-9	171.7	-50.8	.8	15.5	.3
13TH	163.00	13.7	-9.0	1551	2301	8.8	-3.9	-5	-8	158.1	-41.0	.3	13.4	.1
14TH	175.50	13.7	-8.2	1551	2301	8.8	-3.6	-4	-7	144.5	-32.0	-.2	11.5	-.1
15TH	188.00	13.8	-7.4	1551	2301	8.9	-3.2	-3	-6	130.7	-23.9	-.5	9.8	-.2
16TH	200.50	13.8	-6.6	1551	2301	8.9	-2.9	-2	-5	117.0	-16.5	-.8	8.3	-.3
17TH	213.00	13.9	-5.8	1551	2301	8.9	-2.5	-1	-3	103.2	-9.9	-1.0	6.9	-.4
18TH	225.50	13.1	-4.9	1551	2301	8.4	-2.1	-1	-2	89.3	-4.1	-1.0	5.7	-.5
19TH	238.00	11.8	-4.0	1551	2301	7.6	-1.7	-0	-1	76.2	.8	-1.1	4.7	-.5
20TH	250.50	10.5	-3.1	1551	2301	6.8	-1.4	-0	-0	64.4	4.8	-1.0	3.8	-.5
21ST	263.00	9.2	-2.3	1551	2301	5.9	-1.0	0	1	54.0	7.9	-1.0	3.0	-.5
22ND	275.50	7.9	-1.4	1551	2301	5.1	-.6	0	2	44.8	10.2	-.8	2.4	-.5
23RD	288.00	6.6	-.5	1551	2301	4.3	-.2	0	4	36.9	11.6	-.7	1.9	-.5
24TH	300.50	5.3	.4	1551	2301	3.4	.2	-1	7	30.3	12.1	-.6	1.5	-.5
25TH	313.00	4.1	1.4	1551	2301	2.7	.6	-5	14	25.0	11.7	-.4	1.1	-.4

TABLE 7. SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 250		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50									20.9	10.3	-.3	.9	-.3		
27TH	338.00	3.8	1.7	1551	2301	2.5	.8	-7	15	17.1	8.6	-.2	.6	-.3		
28TH	350.50	3.5	1.9	1551	2301	2.2	.8	-8	14	13.6	6.7	-.1	.4	-.2		
29TH	363.00	3.2	2.1	1551	2301	2.0	.9	-9	13	10.4	4.6	.0	.3	-.2		
30TH	375.50	2.8	2.3	1551	2301	1.8	1.0	-10	12	7.6	2.3	.1	.2	-.1		
31ST	388.00	2.6	2.3	1551	2301	1.7	1.0	-7	8	5.0	.0	.1	.1	-.1		
32ND	401.00	2.5	2.1	1613	2393	1.5	.9	-1	2	2.5	-2.1	.1	.0	-.1		
ROOF	415.50	1.4	.4	1404	1559	1.0	.3	-2	5	1.1	-2.5	.0	.0	-.0		
TOP	436.67	1.1	-2.5	845	1610	1.3	-1.5	16	7	0.0	0.0	0.0	0.0	0.0		

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00	-10.5	-23.5	1450	2247	-7.3	-10.5	-4	2	188.7	-533.0	117.6	48.5	-3.9
2ND	23.00	-6.0	-16.8	945	1466	-6.4	-11.4	-5	2	199.2	-509.5	105.6	44.1	-4.0
3RD	38.00	4.1	-13.5	1576	1701	2.6	-7.9	-7	-2	205.2	-492.7	98.1	41.1	-4.1
4TH	50.50	4.5	-13.6	1513	1934	3.0	-7.0	-11	-4	201.1	-479.2	92.0	38.5	-4.2
5TH	62.50	5.9	-14.2	1702	1869	3.5	-7.6	-15	-6	196.6	-465.6	86.3	36.1	-4.4
6TH	75.50	6.4	-13.6	1664	1701	3.8	-8.0	-13	-6	190.7	-451.5	80.4	33.6	-4.6
7TH	88.00	7.1	-13.9	1664	1701	4.3	-8.1	-9	-5	184.3	-437.9	74.8	31.3	-4.8
8TH	100.50	7.8	-14.1	1664	1701	4.7	-8.3	-6	-3	177.2	-424.0	69.4	29.0	-5.0
9TH	113.00	8.5	-14.4	1664	1701	5.1	-8.5	-2	-1	169.4	-409.9	64.2	26.8	-5.1
10TH	125.50	9.2	-14.7	1664	1701	5.6	-8.7	1	0	160.9	-395.4	59.2	24.8	-5.1
11TH	138.00	7.8	-17.7	1585	2177	4.9	-8.1	1	1	151.6	-380.7	54.3	22.8	-5.1
12TH	150.50	6.8	-18.3	1551	2301	4.4	-8.0	1	1	143.8	-363.0	49.7	21.0	-5.1
13TH	163.00	6.4	-17.9	1551	2301	4.1	-7.8	2	1	137.0	-344.7	45.3	19.2	-5.1
14TH	175.50	6.0	-17.6	1551	2301	3.9	-7.6	3	1	130.7	-326.8	41.1	17.6	-5.0
15TH	188.00	5.6	-17.2	1551	2301	3.6	-7.5	4	1	124.7	-309.2	37.1	16.0	-4.9
16TH	200.50	5.2	-16.8	1551	2301	3.4	-7.3	5	2	119.1	-292.0	33.3	14.4	-4.9
17TH	213.00	4.8	-16.5	1551	2301	3.1	-7.2	6	2	113.9	-275.2	29.8	13.0	-4.8
18TH	225.50	5.1	-16.3	1551	2301	3.3	-7.1	8	3	109.0	-258.7	26.4	11.6	-4.6
19TH	238.00	5.4	-16.1	1551	2301	3.5	-7.0	10	3	103.9	-242.5	23.3	10.3	-4.5
20TH	250.50	5.7	-15.9	1551	2301	3.6	-6.9	12	4	98.6	-226.3	20.4	9.0	-4.3
21ST	263.00	5.9	-15.8	1551	2301	3.8	-6.8	13	5	92.9	-210.4	17.7	7.8	-4.1
22ND	275.50	6.2	-15.6	1551	2301	4.0	-6.8	15	6	87.0	-194.6	15.1	6.7	-3.9
23RD	288.00	6.5	-15.4	1551	2301	4.2	-6.7	16	7	80.8	-179.1	12.8	5.6	-3.6
24TH	300.50	6.8	-15.2	1551	2301	4.4	-6.6	18	8	74.2	-163.7	10.6	4.6	-3.3
25TH	313.00	8.3	-16.5	1551	2301	5.4	-7.2	13	6	67.4	-148.5	8.7	3.8	-3.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 260				ONE READING CENTER CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									59.1	-132.0	6.9	3.0	-2.7
		7.8	-16.7	1551	2301	5.0	-7.2	12	6					
27TH	338.00									51.3	-115.3	5.4	2.3	-2.5
		7.2	-16.3	1551	2301	4.6	-7.1	14	6					
28TH	350.50									44.2	-99.0	4.1	1.7	-2.2
		6.6	-15.9	1551	2301	4.3	-6.9	17	7					
29TH	363.00									37.5	-83.1	2.9	1.2	-1.9
		6.0	-15.6	1551	2301	3.9	-6.8	19	7					
30TH	375.50									31.5	-67.5	2.0	.7	-1.5
		7.9	-15.4	1551	2301	5.1	-6.7	21	11					
31ST	388.00									23.6	-52.1	1.2	.4	-1.1
		11.2	-16.0	1613	2393	6.9	-6.7	21	15					
32ND	401.00									12.4	-36.1	.7	.2	-.6
		8.3	-14.1	1404	1559	5.9	-9.0	15	9					
ROOF	415.50									4.1	-22.0	.2	.0	-.3
		4.1	-22.0	845	1610	4.8	-13.7	15	3					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS :  
WIND DIRECTION 270

ONE READING CENTER  
CONFIGURATION A  
REFERENCE PRESSURE 31.0 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									152.6	-781.0	189.9	43.4	-1.8
2ND	23.00	-15.9	-25.1	1450	2247	-11.0	-11.2	4	-3	168.5	-755.8	172.2	39.7	-1.7
3RD	38.00	-10.5	-18.5	945	1466	-11.1	-12.6	6	-3	178.9	-737.3	161.0	37.1	-1.6
4TH	50.50	-1.0	-15.4	1576	1701	-6	-9.1	7	-0	179.9	-721.9	151.9	34.9	-1.4
5TH	62.50	.0	-16.3	1513	1934	.0	-8.4	4	0	179.9	-705.6	143.3	32.7	-1.4
6TH	75.50	1.5	-17.0	1702	1869	.9	-9.1	2	0	178.4	-688.6	134.2	30.4	-1.4
7TH	88.00	2.8	-16.0	1664	1701	1.7	-9.4	2	0	175.7	-672.6	125.7	28.2	-1.3
8TH	100.50	4.3	-15.9	1664	1701	2.6	-9.3	2	1	171.4	-656.8	117.4	26.0	-1.3
9TH	113.00	5.9	-15.8	1664	1701	3.5	-9.3	3	1	165.5	-641.0	109.3	23.9	-1.2
10TH	125.50	7.4	-15.7	1664	1701	4.5	-9.2	4	2	158.1	-625.3	101.4	21.9	-1.2
11TH	138.00	9.0	-15.6	1664	1701	5.4	-9.2	4	2	149.1	-609.8	93.7	19.9	-1.1
12TH	150.50	8.5	-21.6	1585	2177	5.3	-9.9	3	1	140.7	-588.1	86.2	18.1	-1.0
13TH	163.00	7.3	-23.4	1551	2301	4.7	-10.2	0	0	133.3	-564.7	79.0	16.4	-1.0
14TH	175.50	6.9	-23.2	1551	2301	4.4	-10.1	-2	-1	126.5	-541.5	72.1	14.8	-1.0
15TH	188.00	6.4	-23.1	1551	2301	4.1	-10.0	-4	-1	120.1	-518.5	65.4	13.2	-1.2
16TH	200.50	5.9	-22.9	1551	2301	3.8	-9.9	-7	-2	114.1	-495.6	59.1	11.8	-1.3
17TH	213.00	5.5	-22.7	1551	2301	3.5	-9.9	-9	-2	108.6	-472.8	53.1	10.4	-1.6
18TH	225.50	5.0	-22.6	1551	2301	3.2	-9.8	-12	-3	103.6	-450.3	47.3	9.1	-1.8
19TH	238.00	6.7	-22.0	1551	2301	4.4	-9.5	-10	-3	96.9	-428.3	41.8	7.8	-2.1
20TH	250.50	6.9	-22.7	1551	2301	4.5	-9.9	-8	-2	89.9	-405.6	36.6	6.6	-2.3
21ST	263.00	7.1	-23.9	1551	2301	4.6	-10.4	-5	-1	82.8	-381.8	31.7	5.6	-2.4
22ND	275.50	7.3	-25.0	1551	2301	4.7	-10.9	-2	-1	75.4	-356.8	27.0	4.6	-2.5
23RD	288.00	7.6	-26.1	1551	2301	4.9	-11.3	-0	-0	67.9	-330.7	22.8	3.7	-2.5
24TH	300.50	7.8	-27.2	1551	2301	5.0	-11.8	2	1	60.1	-303.4	18.8	2.9	-2.4
25TH	313.00	8.0	-28.4	1551	2301	5.1	-12.3	4	1	52.2	-275.0	15.2	2.2	-2.3
		10.0	-32.5	1551	2301	6.5	-14.1	-1	-0					



TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 270														
CONFIGURATION A						ONE READING CENTER REFERENCE PRESSURE 31.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									42.1	-242.6	11.9	1.6	-2.3
		8.5	-33.1	1551	2301	5.5	-14.4	-0	-0					
27TH	338.00									33.6	-209.4	9.1	1.1	-2.3
		6.9	-32.5	1551	2301	4.5	-14.1	2	0					
28TH	350.50									26.7	-177.0	6.7	.7	-2.2
		5.4	-31.8	1551	2301	3.5	-13.8	5	1					
29TH	363.00									21.3	-145.2	4.7	.4	-2.1
		3.9	-31.2	1551	2301	2.5	-13.5	8	1					
30TH	375.50									17.4	-114.0	3.1	.2	-1.8
		6.5	-30.4	1551	2301	4.2	-13.2	15	3					
31ST	388.00									10.9	-83.6	1.8	.0	-1.4
		11.2	-30.7	1613	2393	6.9	-12.8	22	8					
32ND	401.00									.3	-52.8	.9	-0.0	-1.6
		2.2	-21.3	1404	1559	1.5	-13.7	12	1					
ROOF	415.50									-2.5	-31.5	.3	-0.0	-1.3
		-2.5	-31.5	845	1610	-2.9	-19.6	10	-1					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS  
WIND DIRECTION 280

CONFIGURATION A ONE READING CENTER  
REFERENCE PRESSURE 31.0 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	-21.2	-29.5	1450	2247	-14.7	-13.1	3	-2	-31.8	-872.9	204.4	-1.5	-8.1
2ND	23.00	-14.1	-22.3	945	1466	-14.9	-15.2	5	-3	-10.6	-843.4	184.7	-1.0	-8.0
3RD	38.00	-3.4	-20.6	1576	1701	-2.1	-12.1	10	-2	3.5	-821.1	172.2	-.9	-7.8
4TH	50.50	-2.8	-22.9	1513	1934	-1.9	-11.8	6	-1	6.9	-800.5	162.1	-1.0	-7.6
5TH	62.50	-2.6	-23.5	1702	1869	-1.5	-12.6	4	-0	9.7	-777.6	152.6	-1.1	-7.5
6TH	75.50	-1.3	-22.0	1664	1701	-.8	-12.9	3	-0	12.2	-754.1	142.7	-1.2	-7.4
7TH	88.00	.5	-21.8	1664	1701	.3	-12.8	4	0	13.6	-732.1	133.4	-1.4	-7.3
8TH	100.50	2.3	-21.6	1664	1701	1.4	-12.7	5	1	13.1	-710.3	124.4	-1.6	-7.2
9TH	113.00	4.1	-21.4	1664	1701	2.5	-12.6	6	1	10.8	-688.7	115.6	-1.7	-7.1
10TH	125.50	6.0	-21.2	1664	1701	3.6	-12.5	6	2	6.6	-667.3	107.1	-1.8	-7.0
11TH	138.00	4.3	-24.3	1585	2177	2.7	-11.2	10	2	.7	-646.0	98.9	-1.9	-6.8
12TH	150.50	2.6	-25.1	1551	2301	1.7	-10.9	9	1	-3.7	-621.7	91.0	-1.8	-6.6
13TH	163.00	1.7	-24.7	1551	2301	1.1	-10.7	8	1	-6.3	-596.6	83.4	-1.8	-6.3
14TH	175.50	.8	-24.3	1551	2301	.5	-10.6	7	0	-8.0	-571.9	76.1	-1.7	-6.1
15TH	188.00	-.1	-24.0	1551	2301	-.1	-10.4	6	-0	-8.8	-547.6	69.1	-1.6	-6.0
16TH	200.50	-1.0	-23.6	1551	2301	-.7	-10.3	5	-0	-8.7	-523.6	62.4	-1.5	-5.8
17TH	213.00	-1.9	-23.2	1551	2301	-1.3	-10.1	3	-0	-7.7	-500.0	56.0	-1.4	-5.7
18TH	225.50	-.3	-23.2	1551	2301	-.2	-10.1	5	-0	-5.7	-476.8	49.9	-1.3	-5.6
19TH	238.00	-.1	-24.1	1551	2301	-.1	-10.5	6	-0	-5.4	-453.6	44.1	-1.2	-5.5
20TH	250.50	.1	-25.2	1551	2301	.1	-11.0	8	0	-5.3	-429.5	38.6	-1.2	-5.4
21ST	263.00	.3	-26.3	1551	2301	.2	-11.5	11	0	-5.4	-404.2	33.3	-1.1	-5.2
22ND	275.50	.5	-27.5	1551	2301	.4	-11.9	12	0	-5.8	-377.9	28.5	-1.0	-4.9
23RD	288.00	.8	-28.6	1551	2301	.5	-12.4	14	0	-6.3	-350.4	23.9	-.9	-4.6
24TH	300.50	1.0	-29.7	1551	2301	.6	-12.9	16	1	-7.1	-321.8	19.7	-.9	-4.2
25TH	313.00	4.6	-34.3	1551	2301	3.0	-14.9	9	1	-8.0	-292.2	15.9	-.8	-3.7

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER										
WIND DIRECTION 280		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50									-12.6	-257.9	12.4	-1.6	-3.4
		1.8	-35.3	1551	2301	1.2	-15.4	8	0					
27TH	338.00									-14.5	-222.6	9.4	-1.5	-3.1
		-1.9	-35.0	1551	2301	-1.6	-15.2	9	-0					
28TH	350.50									-13.5	-187.6	6.9	-1.3	-2.8
		-3.7	-34.6	1551	2301	-2.4	-15.1	10	-1					
29TH	363.00									-9.8	-153.0	4.7	-1.2	-2.4
		-6.5	-34.3	1551	2301	-4.2	-14.9	12	-2					
30TH	375.50									-3.3	-118.7	3.0	-1.1	-2.0
		-3.4	-33.7	1551	2301	-2.2	-14.7	17	-2					
31ST	388.00									.1	-84.9	1.8	-1.0	-1.4
		1.9	-34.2	1613	2393	1.2	-14.3	22	1					
32ND	401.00									-1.9	-50.7	.9	-1.0	-1.7
		-1.6	-21.7	1404	1559	-1.4	-13.9	15	-0					
ROOF	415.50									-1.3	-29.0	.3	-1.0	-1.3
		-1.3	-29.0	845	1610	-1.5	-18.0	12	-1					
TOP	436.67									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 290		CONFIGURATION A				REFERENCE PRESSURE 31.0 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													
		-24.7	-36.7	1450	2247	-17.0	-16.3	8	-5	-319.0	-1030.9	235.9	-76.1	-18.2
2ND	23.00	-16.9	-27.9	945	1466	-17.9	-19.1	8	-5	-294.3	-994.2	212.6	-69.1	-17.8
3RD	38.00	-6.8	-28.6	1576	1701	-4.3	-16.8	12	-3	-277.4	-966.3	197.9	-64.8	-17.5
4TH	50.50	-5.8	-32.5	1513	1934	-3.8	-16.8	8	-1	-270.6	-937.7	186.0	-61.4	-17.1
5TH	62.50	-5.7	-32.9	1702	1869	-3.3	-17.6	6	-1	-264.8	-905.2	175.0	-58.2	-16.9
6TH	75.50	-4.3	-30.4	1664	1701	-2.6	-17.9	6	-1	-259.2	-872.3	163.4	-54.8	-16.6
7TH	88.00	-2.6	-29.9	1664	1701	-1.6	-17.6	6	-1	-254.9	-841.9	152.7	-51.5	-16.4
8TH	100.50	-1.0	-29.4	1664	1701	-.6	-17.3	7	-0	-252.3	-812.0	142.4	-48.4	-16.3
9TH	113.00	.7	-28.9	1664	1701	.4	-17.0	7	0	-251.3	-782.6	132.4	-45.2	-16.1
10TH	125.50	2.5	-28.4	1664	1701	1.5	-16.7	7	1	-252.0	-753.7	122.8	-42.1	-15.9
11TH	138.00	-1.6	-31.3	1585	2177	-1.0	-14.4	10	-1	-254.5	-725.3	113.6	-38.9	-15.7
12TH	150.50	-4.6	-31.1	1551	2301	-2.9	-13.5	12	-2	-252.9	-694.0	104.7	-35.7	-15.3
13TH	163.00	-6.3	-29.2	1551	2301	-4.1	-12.7	14	-3	-248.3	-662.9	96.2	-32.6	-14.9
14TH	175.50	-8.0	-27.3	1551	2301	-5.2	-11.9	16	-5	-242.0	-633.7	88.1	-29.5	-14.5
15TH	188.00	-9.7	-25.4	1551	2301	-6.3	-11.0	17	-7	-234.0	-606.5	80.3	-26.6	-14.1
16TH	200.50	-11.5	-23.5	1551	2301	-7.4	-10.2	18	-9	-224.3	-581.1	72.9	-23.7	-13.6
17TH	213.00	-13.2	-21.6	1551	2301	-8.5	-9.4	19	-12	-212.8	-557.6	65.8	-21.0	-13.0
18TH	225.50	-13.1	-21.2	1551	2301	-8.5	-9.2	18	-11	-199.6	-536.1	59.0	-18.4	-12.5
19TH	238.00	-13.1	-23.0	1551	2301	-8.4	-10.0	19	-11	-186.5	-514.8	52.4	-16.0	-11.9
20TH	250.50	-13.0	-24.9	1551	2301	-8.4	-10.8	20	-10	-173.4	-491.9	46.1	-13.7	-11.4
21ST	263.00	-12.9	-26.7	1551	2301	-8.3	-11.6	21	-10	-160.5	-467.0	40.1	-11.6	-10.7
22ND	275.50	-12.8	-28.6	1551	2301	-8.3	-12.4	22	-10	-147.6	-440.2	34.4	-9.7	-10.0
23RD	288.00	-12.7	-30.5	1551	2301	-8.2	-13.3	23	-10	-134.7	-411.6	29.1	-8.0	-9.2
24TH	300.50	-12.7	-32.4	1551	2301	-8.2	-14.1	24	-9	-122.0	-381.1	24.2	-6.3	-8.4
25TH	313.00	-9.7	-38.3	1551	2301	-6.2	-16.6	17	-4	-109.3	-348.7	19.6	-4.9	-7.5

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 290		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF						GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-13.1	-40.1	1551	2301	-8.4	-17.4	15	-5	-99.7	-310.4	15.5	-3.6	-6.8
27TH	338.00	-16.5	-40.4	1551	2301	-10.6	-17.6	16	-6	-86.6	-270.3	11.9	-2.4	-6.1
28TH	350.50	-19.9	-40.8	1551	2301	-12.8	-17.7	16	-8	-70.1	-229.8	8.7	-1.5	-5.4
29TH	363.00	-23.3	-41.1	1551	2301	-15.0	-17.8	16	-9	-50.3	-189.1	6.1	-.7	-4.6
30TH	375.50	-18.1	-39.6	1551	2301	-11.7	-17.2	23	-11	-27.0	-148.0	4.0	-.2	-3.7
31ST	388.00	-10.2	-37.9	1613	2393	-6.3	-15.9	34	-9	-8.9	-108.4	2.4	.0	-2.6
32ND	401.00	-1.3	-29.1	1404	1559	-.9	-18.7	21	-1	1.3	-70.4	1.2	.1	-1.3
ROOF	415.50	2.6	-41.3	845	1610	3.1	-25.7	15	1	2.6	-41.3	.4	.0	-.6
TOP	436.67									0.0	0.0	0.0	0.0	0.0

		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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	-28.0	-41.1	1450	2247	-19.3	-18.3	7	-5	-571.2	-1153.3	257.2	-135.8	-23.9
2ND	23.00	-18.4	-30.2	945	1466	-19.5	-20.6	9	-6	-543.2	-1112.3	231.2	-123.0	-23.4
3RD	38.00	-10.5	-32.9	1576	1701	-6.7	-19.4	14	-5	-524.8	-1082.1	214.7	-115.0	-23.1
4TH	50.50	-8.9	-37.5	1513	1934	-5.9	-19.4	11	-3	-514.2	-1049.2	201.4	-108.5	-22.5
5TH	62.50	-8.9	-37.3	1702	1869	-5.2	-19.9	10	-2	-505.4	-1011.7	189.0	-102.4	-22.1
6TH	75.50	-8.0	-34.2	1664	1701	-4.8	-20.1	10	-2	-496.5	-974.4	176.1	-95.8	-21.7
7TH	88.00	-7.2	-33.9	1664	1701	-4.3	-19.9	9	-2	-488.5	-940.2	164.2	-89.7	-21.4
8TH	100.50	-6.5	-33.6	1664	1701	-3.9	-19.7	9	-2	-481.3	-906.3	152.6	-83.6	-21.0
9TH	113.00	-5.8	-33.2	1664	1701	-3.5	-19.5	8	-1	-474.8	-872.7	141.5	-77.6	-20.7
10TH	125.50	-5.0	-32.9	1664	1701	-3.0	-19.3	8	-1	-468.9	-839.4	130.8	-71.8	-20.4
11TH	138.00	-9.6	-36.0	1585	2177	-6.1	-16.6	15	-4	-463.9	-806.5	120.5	-65.9	-20.1
12TH	150.50	-13.0	-36.0	1551	2301	-8.4	-15.6	17	-6	-454.3	-770.5	110.7	-60.2	-19.6
13TH	163.00	-15.3	-34.1	1551	2301	-9.8	-14.8	18	-8	-441.3	-734.5	101.3	-54.6	-18.9
14TH	175.50	-17.5	-32.2	1551	2301	-11.3	-14.0	18	-10	-426.0	-700.4	92.3	-49.2	-18.1
15TH	188.00	-19.8	-30.4	1551	2301	-12.8	-13.2	19	-12	-408.5	-668.2	83.7	-43.9	-17.4
16TH	200.50	-22.1	-28.5	1551	2301	-14.2	-12.4	18	-14	-388.7	-637.8	75.6	-39.0	-16.6
17TH	213.00	-24.3	-26.6	1551	2301	-15.7	-11.6	18	-16	-366.6	-609.3	67.8	-34.2	-15.7
18TH	225.50	-25.2	-26.4	1551	2301	-16.2	-11.5	16	-16	-342.3	-582.7	60.3	-29.8	-14.9
19TH	238.00	-25.0	-28.5	1551	2301	-16.1	-12.4	17	-15	-317.1	-556.3	53.2	-25.7	-14.0
20TH	250.50	-24.7	-30.8	1551	2301	-16.0	-13.4	17	-14	-292.1	-527.7	46.4	-21.9	-13.2
21ST	263.00	-24.5	-33.1	1551	2301	-15.8	-14.4	18	-13	-267.4	-496.9	40.0	-18.4	-12.3
22ND	275.50	-24.3	-35.3	1551	2301	-15.7	-15.4	19	-13	-242.8	-463.9	34.0	-15.2	-11.4
23RD	288.00	-24.1	-37.6	1551	2301	-15.5	-16.3	19	-12	-218.6	-428.6	28.4	-12.3	-10.4
24TH	300.50	-23.8	-39.9	1551	2301	-15.4	-17.3	19	-12	-194.5	-391.0	23.3	-9.7	-9.4
25TH	313.00	-22.4	-44.1	1551	2301	-14.5	-19.2	17	-9	-170.6	-351.1	18.7	-7.5	-8.4

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 300														
ONE READING CENTER CONFIGURATION A REFERENCE PRESSURE 31.0 PSF GUST FACTOR 1.32														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-23.8	-44.5	1551	2301	-15.3	-19.3	16	-9	-148.2	-307.0	14.6	-5.5	-7.4
27TH	338.00	-25.1	-43.7	1551	2301	-16.2	-19.0	16	-9	-124.4	-262.6	11.0	-3.8	-6.5
28TH	350.50	-26.5	-42.9	1551	2301	-17.1	-18.7	16	-10	-99.3	-218.9	8.0	-2.4	-5.6
29TH	363.00	-27.8	-42.2	1551	2301	-17.9	-18.3	16	-10	-72.9	-175.9	5.5	-1.3	-4.6
30TH	375.50	-24.0	-38.4	1551	2301	-15.5	-16.7	20	-13	-45.1	-133.8	3.6	-.5	-3.7
31ST	388.00	-19.0	-32.8	1613	2393	-11.8	-13.7	27	-16	-21.1	-95.4	2.2	-.1	-2.6
32ND	401.00	-4.1	-24.3	1404	1559	-2.9	-15.6	24	-4	-2.1	-62.6	1.1	.0	-1.4
ROOF	415.50	2.0	-38.3	845	1610	2.4	-23.8	20	1	2.0	-38.3	.4	.0	-.8
TOP	436.67									0.0	0.0	0.0	0.0	0.0

		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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									-789.5	-1470.6	315.1	-173.4	-27.9
2ND	23.00	-40.6	-53.9	1450	2247	-28.0	-24.0	4	-3	-748.9	-1416.7	281.9	-155.7	-27.5
3RD	38.00	-28.6	-40.3	945	1466	-30.3	-27.5	5	-3	-720.3	-1376.3	261.0	-144.7	-27.2
4TH	50.50	-18.9	-42.4	1576	1701	-12.0	-24.9	8	-4	-701.4	-1333.9	244.1	-135.8	-26.8
5TH	62.50	-18.1	-47.6	1513	1934	-12.0	-24.6	5	-2	-683.3	-1286.3	228.3	-127.5	-26.5
6TH	75.50	-20.4	-48.9	1702	1869	-12.0	-26.2	4	-2	-662.9	-1237.4	211.9	-118.7	-26.3
7TH	88.00	-19.6	-46.2	1664	1701	-11.8	-27.1	3	-1	-643.3	-1191.2	196.7	-110.6	-26.1
8TH	100.50	-18.8	-46.2	1664	1701	-11.3	-27.2	4	-2	-624.5	-1145.0	182.1	-102.6	-25.9
9TH	113.00	-18.0	-46.3	1664	1701	-10.8	-27.2	4	-2	-606.5	-1098.6	168.1	-95.0	-25.7
10TH	125.50	-17.3	-46.4	1664	1701	-10.4	-27.3	5	-2	-589.2	-1052.2	154.7	-87.5	-25.4
11TH	138.00	-16.6	-46.5	1664	1701	-9.9	-27.3	5	-2	-572.7	-1005.7	141.8	-80.2	-25.2
12TH	150.50	-20.3	-45.1	1585	2177	-12.8	-20.7	14	-6	-552.3	-960.7	129.5	-73.2	-24.4
13TH	163.00	-22.3	-44.4	1551	2301	-14.4	-19.3	17	-9	-530.0	-916.3	117.8	-66.4	-23.5
14TH	175.50	-23.3	-43.6	1551	2301	-15.0	-18.9	18	-9	-506.7	-872.7	106.6	-59.9	-22.5
15TH	188.00	-24.3	-42.8	1551	2301	-15.7	-18.6	18	-10	-482.4	-829.9	96.0	-53.8	-21.5
16TH	200.50	-25.3	-42.0	1551	2301	-16.3	-18.3	19	-11	-457.1	-787.9	85.9	-47.9	-20.4
17TH	213.00	-26.3	-41.2	1551	2301	-16.9	-17.9	19	-12	-430.8	-746.7	76.3	-42.3	-19.3
18TH	225.50	-27.3	-40.4	1551	2301	-17.6	-17.6	20	-13	-403.6	-706.3	67.2	-37.1	-18.1
19TH	238.00	-27.3	-41.4	1551	2301	-17.6	-18.0	19	-12	-376.3	-664.8	58.6	-32.2	-17.0
20TH	250.50	-27.3	-43.3	1551	2301	-17.6	-18.8	18	-11	-349.0	-621.6	50.6	-27.7	-15.9
21ST	263.00	-27.2	-44.9	1551	2301	-17.5	-19.5	18	-11	-321.8	-576.7	43.1	-23.5	-14.8
22ND	275.50	-27.2	-46.6	1551	2301	-17.5	-20.2	18	-11	-294.6	-530.1	36.2	-19.7	-13.7
23RD	288.00	-27.1	-48.3	1551	2301	-17.5	-21.0	18	-10	-267.5	-481.8	29.9	-16.2	-12.5
24TH	300.50	-27.1	-49.9	1551	2301	-17.5	-21.7	18	-10	-240.4	-431.9	24.1	-13.0	-11.3
25TH	313.00	-27.1	-51.6	1551	2301	-17.4	-22.4	19	-10	-213.3	-380.3	19.1	-10.1	-10.1
		-26.9	-53.8	1551	2301	-17.4	-23.4	18	-9					



TABLE 7 SHEAR AND MOMENT DIAGRAMS :															
WIND DIRECTION 310		CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF			GUST FACTOR 1.32		
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)			
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z	
26TH	325.50	-27.8	-52.4	1551	2301	-17.9	-22.8	18	-10	-186.4	-326.5	14.6	-7.7	-8.9	
27TH	338.00	-28.7	-50.1	1551	2301	-18.5	-21.8	19	-11	-158.5	-274.2	10.9	-5.5	-7.6	
28TH	350.50	-29.7	-47.9	1551	2301	-19.1	-20.8	19	-12	-129.8	-224.1	7.8	-3.7	-6.4	
29TH	363.00	-30.6	-45.6	1551	2301	-19.7	-19.8	19	-13	-100.1	-176.2	5.3	-2.3	-5.1	
30TH	375.50	-29.1	-40.5	1551	2301	-18.8	-17.6	20	-15	-69.6	-130.6	3.4	-1.2	-3.9	
31ST	388.00	-27.9	-33.7	1613	2393	-17.3	-14.1	20	-16	-40.5	-90.1	2.0	-.5	-2.6	
32ND	401.00	-8.6	-21.6	1404	1559	-6.1	-13.9	24	-10	-12.6	-56.5	1.0	-.2	-1.5	
ROOF	415.50	-4.0	-34.8	845	1610	-4.7	-21.6	25	-3	-4.0	-34.8	.4	-.0	-.9	
TOP	436.67									0.0	0.0	0.0	0.0	0.0	

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00													
		-41.4	-34.2	1450	2247	-28.6	-24.1	3	-3	-1047.5	-1642.6	341.1	-241.1	-31.2
2ND	23.00													
		-29.0	-42.3	945	1466	-30.7	-28.8	5	-4	-1006.1	-1588.4	304.0	-217.4	-30.9
3RD	38.00													
		-24.3	-49.0	1576	1701	-15.4	-28.8	10	-5	-977.1	-1546.1	280.5	-202.6	-30.6
4TH	50.50													
		-22.6	-55.5	1513	1934	-14.9	-28.7	8	-3	-952.9	-1497.1	261.4	-190.5	-29.9
5TH	62.50													
		-24.9	-57.3	1702	1869	-14.6	-30.7	7	-3	-930.3	-1441.6	243.8	-179.2	-29.4
6TH	75.50													
		-24.1	-54.6	1664	1701	-14.5	-32.1	6	-3	-905.4	-1384.3	225.4	-167.3	-29.0
7TH	88.00													
		-23.8	-55.0	1664	1701	-14.3	-32.3	6	-3	-881.2	-1329.7	208.5	-156.1	-28.6
8TH	100.50													
		-23.5	-55.4	1664	1701	-14.1	-32.6	6	-3	-857.5	-1274.7	192.2	-145.2	-28.2
9TH	113.00													
		-23.3	-55.9	1664	1701	-14.0	-32.8	6	-2	-833.9	-1219.3	176.6	-134.7	-27.8
10TH	125.50													
		-23.1	-56.3	1664	1701	-13.9	-33.1	6	-2	-810.7	-1163.4	161.7	-124.4	-27.4
11TH	138.00													
		-26.1	-55.2	1585	2177	-16.4	-25.4	14	-7	-787.6	-1107.1	147.5	-114.4	-27.0
12TH	150.50													
		-28.0	-54.5	1551	2301	-18.1	-23.7	17	-9	-761.5	-1051.9	134.0	-104.7	-26.1
13TH	163.00													
		-29.5	-53.5	1551	2301	-19.0	-23.2	17	-9	-733.5	-997.4	121.2	-95.4	-24.9
14TH	175.50													
		-31.0	-52.4	1551	2301	-20.0	-22.8	17	-10	-704.0	-944.0	109.1	-86.4	-23.8
15TH	188.00													
		-32.4	-51.4	1551	2301	-20.9	-22.3	17	-11	-673.0	-891.6	97.6	-77.8	-22.6
16TH	200.50													
		-33.9	-50.4	1551	2301	-21.8	-21.9	17	-11	-640.6	-840.2	86.8	-69.6	-21.4
17TH	213.00													
		-35.4	-49.3	1551	2301	-22.8	-21.4	17	-12	-606.7	-789.8	76.6	-61.8	-20.1
18TH	225.50													
		-35.7	-49.9	1551	2301	-23.0	-21.7	16	-11	-571.4	-740.4	67.1	-54.4	-18.9
19TH	238.00													
		-36.2	-50.9	1551	2301	-23.3	-22.1	15	-11	-535.7	-690.5	58.1	-47.5	-17.7
20TH	250.50													
		-36.6	-51.7	1551	2301	-23.6	-22.5	16	-11	-499.5	-639.6	49.8	-41.0	-16.5
21ST	263.00													
		-37.1	-52.6	1551	2301	-23.9	-22.8	16	-11	-462.9	-587.9	42.1	-35.0	-15.3
22ND	275.50													
		-37.6	-53.4	1551	2301	-24.2	-23.2	16	-11	-425.8	-535.3	35.1	-29.5	-14.1
23RD	288.00													
		-38.1	-54.2	1551	2301	-24.5	-23.6	16	-11	-388.2	-481.9	28.7	-24.4	-12.8
24TH	300.50													
		-38.5	-55.0	1551	2301	-24.8	-23.9	16	-11	-350.2	-427.7	23.1	-19.8	-11.5
25TH	313.00													
		-38.9	-56.1	1551	2301	-25.1	-24.4	16	-11	-311.6	-372.7	18.1	-15.6	-10.2

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 320		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50	-39.4	-53.8	1551	2301	-25.4	-23.4	16	-12	-272.7	-316.6	13.8	-12.0	-8.9		
27TH	338.00	-40.0	-50.8	1551	2301	-25.8	-22.1	16	-13	-233.3	-262.8	10.1	-8.8	-7.6		
28TH	350.50	-40.5	-47.9	1551	2301	-26.1	-20.8	16	-14	-193.3	-211.9	7.2	-6.1	-6.2		
29TH	363.00	-41.0	-44.9	1551	2301	-26.5	-19.5	16	-15	-152.8	-164.1	4.8	-4.0	-4.9		
30TH	375.50	-39.9	-38.7	1551	2301	-25.7	-16.8	15	-16	-111.8	-119.1	3.0	-2.3	-3.5		
31ST	388.00	-39.7	-30.3	1613	2393	-24.6	-12.7	12	-15	-71.9	-80.5	1.8	-1.2	-2.3		
32ND	401.00	-17.1	-17.4	1404	1559	-12.2	-11.2	15	-15	-32.2	-50.1	.9	-.5	-1.3		
ROOF	415.50	-15.1	-17.4							-15.1	-32.7	.3	-.2	-.8		
TOP	436.67			845	1610	-17.9	-20.3	20	-9	0.0	0.0	0.0	0.0	0.0		

FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
1ST	0.00													
		-40.9	-54.0	1450	2247	-28.2	-24.0	5	-4	-1308.3	-1638.0	325.8	-307.6	-31.2
2ND	23.00													
		-28.5	-43.0	945	1466	-30.1	-29.3	7	-5	-1267.4	-1584.0	288.7	-278.0	-30.8
3RD	38.00													
		-28.1	-51.4	1576	1701	-17.9	-30.2	12	-6	-1238.9	-1541.1	265.3	-259.2	-30.4
4TH	50.50													
		-26.3	-58.4	1513	1934	-17.4	-30.2	10	-4	-1210.8	-1489.7	246.4	-243.9	-29.6
5TH	62.50													
		-29.2	-61.2	1702	1869	-17.2	-32.8	9	-4	-1184.5	-1431.2	228.8	-229.5	-28.9
6TH	75.50													
		-29.0	-58.8	1664	1701	-17.4	-34.6	8	-4	-1155.3	-1370.0	210.6	-214.3	-28.3
7TH	88.00													
		-29.5	-59.5	1664	1701	-17.7	-35.0	7	-4	-1126.3	-1311.2	193.9	-200.0	-27.7
8TH	100.50													
		-30.1	-60.1	1664	1701	-18.1	-35.3	7	-3	-1096.8	-1251.7	177.8	-186.1	-27.2
9TH	113.00													
		-30.7	-60.7	1664	1701	-18.4	-35.7	6	-3	-1066.7	-1191.6	162.6	-172.6	-26.7
10TH	125.50													
		-31.3	-61.4	1664	1701	-18.8	-36.1	5	-3	-1036.0	-1130.9	148.1	-159.5	-26.2
11TH	138.00													
		-33.2	-59.5	1585	2177	-21.0	-27.4	14	-8	-1004.7	-1069.5	134.3	-146.7	-25.8
12TH	150.50													
		-35.3	-58.4	1551	2301	-22.7	-25.4	16	-10	-971.4	-1010.0	121.3	-134.4	-24.7
13TH	163.00													
		-37.2	-57.1	1551	2301	-24.0	-24.8	16	-10	-936.1	-951.5	109.1	-122.5	-23.5
14TH	175.50													
		-39.1	-55.9	1551	2301	-25.2	-24.3	15	-11	-899.0	-894.4	97.5	-111.0	-22.2
15TH	188.00													
		-41.0	-54.6	1551	2301	-26.4	-23.7	15	-11	-859.9	-838.6	86.7	-100.0	-20.9
16TH	200.50													
		-42.9	-53.3	1551	2301	-27.7	-23.2	14	-12	-818.8	-784.0	76.5	-89.5	-19.7
17TH	213.00													
		-44.8	-52.0	1551	2301	-28.9	-22.6	14	-12	-775.9	-730.7	67.1	-79.5	-18.4
18TH	225.50													
		-45.7	-52.2	1551	2301	-29.4	-22.7	13	-11	-731.1	-678.7	58.3	-70.1	-17.1
19TH	238.00													
		-46.2	-52.3	1551	2301	-29.8	-22.7	13	-11	-685.4	-626.5	50.1	-61.3	-15.9
20TH	250.50													
		-46.8	-52.0	1551	2301	-30.2	-22.6	12	-11	-639.2	-574.2	42.6	-53.0	-14.8
21ST	263.00													
		-47.3	-51.7	1551	2301	-30.5	-22.5	12	-11	-592.4	-522.2	35.8	-45.3	-13.6
22ND	275.50													
		-47.9	-51.4	1551	2301	-30.9	-22.3	12	-11	-545.1	-470.5	29.6	-38.2	-12.4
23RD	288.00													
		-48.4	-51.1	1551	2301	-31.2	-22.2	12	-12	-497.2	-419.1	24.0	-31.7	-11.3
24TH	300.50													
		-49.0	-50.8	1551	2301	-31.6	-22.1	12	-12	-448.8	-368.0	19.1	-25.8	-10.1
25TH	313.00													
		-49.5	-50.7	1551	2301	-31.9	-22.0	12	-12	-399.8	-317.1	14.8	-20.4	-8.9

TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 330		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50									-350.3	-266.4	11.1	-15.8	-7.7		
		-49.9	-48.1	1551	2301	-32.2	-20.9	12	-12							
27TH	338.00									-300.4	-218.4	8.1	-11.7	-6.5		
		-50.4	-44.9	1551	2301	-32.5	-19.5	12	-13							
28TH	350.50									-250.0	-173.4	5.7	-8.3	-5.3		
		-50.8	-41.8	1551	2301	-32.8	-18.2	12	-15							
29TH	363.00									-199.2	-131.6	3.8	-5.4	-4.1		
		-51.3	-38.6	1551	2301	-33.1	-16.8	12	-16							
30TH	375.50									-147.9	-93.0	2.4	-3.3	-2.8		
		-49.6	-32.1	1551	2301	-32.0	-13.9	10	-16							
31ST	388.00									-98.2	-61.0	1.4	-1.7	-1.7		
		-49.0	-22.9	1613	2393	-30.4	-9.6	6	-13							
32ND	401.00									-49.2	-38.0	.7	-.8	-1.0		
		-25.4	-11.6	1404	1559	-18.1	-7.4	6	-12							
ROOF	415.50									-23.8	-26.4	.3	-.3	-.6		
		-23.8	-26.4	845	1610	-28.1	-16.4	12	-11							
TOP	436.67									0.0	0.0	0.0	0.0	0.0		

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 340		CONFIGURATION A		ONE READING CENTER		REFERENCE PRESSURE 31.0 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									-1387.0	-1528.2	293.5	-331.2	-27.8
2ND	23.00	-34.4	-47.6	1450	2247	-23.7	-21.2	7	-5	-1352.7	-1489.7	258.9	-299.7	-27.3
3RD	38.00	-24.8	-40.3	945	1466	-26.2	-27.5	10	-6	-1327.9	-1440.3	237.0	-279.6	-26.7
4TH	50.50	-28.0	-49.8	1576	1701	-17.8	-29.3	14	-8	-1299.9	-1390.5	219.3	-263.1	-25.8
5TH	62.50	-26.0	-57.4	1513	1934	-17.2	-29.7	12	-5	-1273.8	-1333.1	203.0	-247.7	-25.0
6TH	75.50	-28.7	-61.5	1702	1869	-16.8	-32.9	11	-5	-1245.2	-1271.6	186.1	-231.3	-24.2
7TH	88.00	-28.9	-59.9	1664	1701	-17.3	-35.2	10	-5	-1216.3	-1211.6	170.5	-215.9	-23.4
8TH	100.50	-30.0	-60.8	1664	1701	-18.0	-35.8	9	-5	-1186.3	-1150.8	155.8	-200.9	-22.7
9TH	113.00	-31.2	-61.7	1664	1701	-18.8	-36.3	8	-4	-1155.0	-1089.2	141.8	-186.3	-22.0
10TH	125.50	-32.4	-62.5	1664	1701	-19.5	-36.8	7	-4	-1122.6	-1026.6	128.5	-172.0	-21.5
11TH	138.00	-33.7	-63.4	1664	1701	-20.2	-37.3	6	-3	-1089.0	-963.3	116.1	-158.2	-21.0
12TH	150.50	-36.0	-58.8	1585	2177	-22.7	-27.0	15	-9	-1053.0	-904.5	104.4	-144.8	-19.8
13TH	163.00	-38.1	-56.7	1551	2301	-24.6	-24.6	17	-11	-1014.9	-847.8	93.5	-131.9	-18.4
14TH	175.50	-40.3	-55.2	1551	2301	-25.9	-24.0	16	-11	-974.6	-792.6	83.2	-119.5	-17.1
15TH	188.00	-42.4	-53.6	1551	2301	-27.3	-23.3	14	-11	-932.2	-739.0	73.7	-107.6	-15.8
16TH	200.50	-44.5	-52.0	1551	2301	-28.7	-22.6	13	-11	-887.7	-687.0	64.7	-96.2	-14.6
17TH	213.00	-46.7	-50.5	1551	2301	-30.1	-21.9	12	-11	-841.0	-636.5	56.5	-85.4	-13.5
18TH	225.50	-48.8	-48.9	1551	2301	-31.5	-21.3	11	-11	-792.2	-587.6	48.8	-75.2	-12.4
19TH	238.00	-49.7	-48.9	1551	2301	-32.0	-21.3	10	-10	-742.5	-538.7	41.8	-65.6	-11.5
20TH	250.50	-50.5	-48.4	1551	2301	-32.5	-21.0	9	-9	-692.0	-490.3	35.4	-56.6	-10.6
21ST	263.00	-51.3	-47.5	1551	2301	-33.0	-20.6	9	-9	-640.7	-442.7	29.5	-48.3	-9.7
22ND	275.50	-52.0	-46.6	1551	2301	-33.5	-20.3	8	-9	-588.7	-396.1	24.3	-40.6	-8.8
23RD	288.00	-52.8	-45.7	1551	2301	-34.0	-19.9	8	-10	-535.9	-350.4	19.6	-33.6	-7.9
24TH	300.50	-53.6	-44.8	1551	2301	-34.5	-19.5	8	-10	-482.3	-305.6	15.5	-27.2	-7.0
25TH	313.00	-54.4	-43.9	1551	2301	-35.0	-19.1	8	-10	-427.9	-261.7	12.0	-21.5	-6.2
		-54.9	-43.3	1551	2301	-35.4	-18.8	8	-10					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : ONE READING CENTER														
WIND DIRECTION 340		CONFIGURATION A				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
26TH	325.50	-54.9	-40.7	1551	2301	-35.4	-17.7	7	-10	-373.1	-218.5	9.0	-16.5	-5.3
27TH	338.00	-54.9	-37.7	1551	2301	-35.4	-16.4	7	-11	-318.2	-177.8	6.5	-12.2	-4.5
28TH	350.50	-54.9	-34.7	1551	2301	-35.4	-15.1	7	-11	-263.3	-140.1	4.5	-8.6	-3.6
29TH	363.00	-54.9	-31.6	1551	2301	-35.4	-13.8	7	-12	-208.5	-105.4	3.0	-5.6	-2.7
30TH	375.50	-52.8	-26.0	1551	2301	-34.0	-11.3	6	-11	-153.6	-73.8	1.8	-3.4	-1.8
31ST	388.00	-51.8	-18.3	1613	2393	-32.1	-7.7	3	-8	-100.8	-47.8	1.1	-1.8	-1.1
32ND	401.00	-24.8	-8.9	1404	1559	-17.6	-5.7	3	-8	-49.0	-29.5	.6	-.8	-.6
ROOF	415.50	-24.2	-8.9	1404	1559	-17.6	-5.7	3	-8	-24.2	-20.6	.2	-.3	-.4
TOP	436.67	-24.2	-20.6	845	1610	-28.7	-12.8	8	-9	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : WIND DIRECTION 350														
CONFIGURATION A				ONE READING CENTER				REFERENCE PRESSURE 31.0 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													
		-31.0	-42.5	1450	2247	-21.4	-18.9	11	-8	-1358.3	-1233.5	224.6	-326.1	-23.3
2ND	23.00			945	1466	-22.9	-24.9	15	-9	-1327.3	-1190.9	196.7	-295.2	-22.6
		-21.7	-36.5											
3RD	38.00			1576	1701	-17.5	-26.1	16	-10	-1305.7	-1154.5	179.1	-275.5	-21.8
		-27.5	-44.4											
4TH	50.50			1513	1934	-16.3	-25.7	16	-8	-1278.1	-1110.1	164.9	-259.3	-20.8
		-24.6	-49.6											
5TH	62.50			1702	1869	-15.2	-29.3	17	-8	-1253.5	-1060.5	151.9	-244.2	-19.8
		-25.9	-54.7											
6TH	75.50			1664	1701	-15.7	-31.7	16	-8	-1227.6	-1005.8	138.5	-228.0	-18.7
		-26.1	-54.0											
7TH	88.00			1664	1701	-16.7	-32.2	13	-7	-1201.6	-951.8	126.2	-212.8	-17.7
		-27.9	-54.8											
8TH	100.50			1664	1701	-17.8	-32.7	11	-6	-1173.7	-897.0	114.7	-198.0	-16.7
		-29.7	-55.6											
9TH	113.00			1664	1701	-18.9	-33.2	8	-5	-1144.0	-841.4	103.8	-183.5	-16.0
		-31.5	-56.4											
10TH	125.50			1664	1701	-19.9	-33.7	6	-4	-1112.5	-784.9	93.7	-169.4	-15.3
		-33.2	-57.3											
11TH	138.00			1585	2177	-22.5	-22.5	16	-11	-1079.3	-727.6	84.2	-155.7	-14.9
		-35.7	-49.0											
12TH	150.50			1551	2301	-24.4	-20.0	17	-14	-1043.6	-678.7	75.4	-142.4	-13.7
		-37.9	-46.0											
13TH	163.00			1551	2301	-25.8	-19.3	15	-14	-1005.7	-632.7	67.2	-129.6	-12.4
		-40.1	-44.3											
14TH	175.50			1551	2301	-27.2	-18.6	14	-13	-965.7	-588.3	59.6	-117.3	-11.1
		-42.2	-42.7											
15TH	188.00			1551	2301	-28.6	-17.9	12	-13	-923.5	-545.6	52.5	-105.5	-10.0
		-44.4	-41.1											
16TH	200.50			1551	2301	-30.0	-17.2	10	-12	-879.1	-504.5	45.9	-94.2	-8.9
		-46.5	-39.5											
17TH	213.00			1551	2301	-31.4	-16.4	9	-11	-832.6	-465.0	39.9	-83.5	-8.0
		-48.7	-37.8											
18TH	225.50			1551	2301	-32.2	-16.4	7	-9	-783.9	-427.2	34.3	-73.4	-7.1
		-50.0	-37.7											
19TH	238.00			1551	2301	-32.8	-16.1	6	-8	-733.9	-389.5	29.2	-64.0	-6.4
		-50.8	-37.1											
20TH	250.50			1551	2301	-33.3	-15.7	5	-8	-683.1	-352.4	24.6	-55.1	-5.8
		-51.6	-36.0											
21ST	263.00			1551	2301	-33.8	-15.2	5	-8	-631.5	-316.3	20.4	-46.9	-5.2
		-52.4	-35.0											
22ND	275.50			1551	2301	-34.3	-14.8	5	-8	-579.1	-281.4	16.6	-39.3	-4.6
		-53.2	-33.9											
23RD	288.00			1551	2301	-34.8	-14.3	5	-7	-525.9	-247.4	13.3	-32.4	-4.1
		-54.0	-32.9											
24TH	300.50			1551	2301	-35.3	-13.8	4	-7	-471.9	-214.5	10.5	-26.2	-3.5
		-54.8	-31.9											
25TH	313.00			1551	2301	-35.7	-13.6	4	-7	-417.1	-182.6	8.0	-20.6	-3.0
		-55.4	-31.3											



TABLE 7 SHEAR AND MOMENT DIAGRAMS :				ONE READING CENTER				REFERENCE PRESSURE 31.0 PSF				GUST FACTOR 1.32				
WIND DIRECTION 350		CONFIGURATION A														
FLOOR	HEIGHT	FORCE (KIPS)		AREA (SQ FT)		PRESSURE (PSF)		ECCEN (FT)		SHEAR (KIPS)		MOMENT (1000-FT-KIPS)				
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z		
26TH	325.50	-54.9	-29.4	1551	2301	-35.4	-12.8	4	-7	-361.8	-151.4	5.9	-15.7	-2.5		
27TH	338.00	-54.4	-27.1	1551	2301	-35.1	-11.8	4	-7	-306.9	-122.0	4.2	-11.6	-2.0		
28TH	350.50	-54.0	-24.8	1551	2301	-34.8	-10.8	3	-8	-252.5	-94.9	2.8	-8.1	-1.5		
29TH	363.00	-53.5	-22.6	1551	2301	-34.5	-9.8	3	-8	-198.5	-70.0	1.8	-5.3	-1.0		
30TH	375.50	-51.4	-18.7	1551	2301	-33.1	-8.1	2	-7	-145.0	-47.5	1.1	-3.1	-.5		
31ST	388.00	-50.6	-13.7	1613	2393	-31.3	-5.7	1	-3	-93.6	-28.7	.6	-1.6	-.2		
32ND	401.00	-19.7	-4.7	1404	1559	-14.0	-3.0	-1	5	-43.1	-15.0	.3	-.7	.0		
ROOF	415.50	-23.3	-10.3	845	1610	-27.6	-6.4	1	-3	-23.3	-10.3	.1	-.2	-.1		
TOP	436.67									0.0	0.0	0.0	0.0	0.0		

TABLE 7 ONE READING CENTER CONFIGURATION R  
 PROJECT = 5290  
 SCALE = 350  
 GUST FACTOR = 1.32  
 NUMBER OF SIDES = 4  
 REF. PRESSURE = 31.0  
 STANDARD FLOOR = HEIGHT = 12.50  
 NO. OF FLOORS = 33

SIDE	ANGLE	Z-AXIS
1	0.0	2.126
2	90.0	3.155
3	180.0	2.156
4	270.0	3.155

FLOOR #	LABEL	HEIGHT-FT
1	1ST	27.000
2	2ND	15.000
3	3RD	12.500
4	4TH	12.000
5	5TH	12.000
6	6TH	12.000
7	7TH	12.000
8	8TH	12.000
9	9TH	12.000
10	10TH	12.000
11	11TH	12.000
12	12TH	12.000
13	13TH	12.000
14	14TH	12.000
15	15TH	12.000
16	16TH	12.000
17	17TH	12.000
18	18TH	12.000
19	19TH	12.000
20	20TH	12.000
21	21ST	12.000
22	22ND	12.000
23	23RD	12.000
24	24TH	12.000
25	25TH	12.000
26	26TH	12.000
27	27TH	12.000
28	28TH	12.000
29	29TH	12.000
30	30TH	12.000
31	31ST	12.000
32	32ND	12.000
33	33RD	12.000

APPENDIX A  
PRESSURE DATA

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

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	.281	.215	.882	-.543	0	151	.306	.124	.855	-.018	0	223	-.403	.087	-.151	-.793
0	102	.483	.215	1.070	-.484	0	152	.278	.132	.888	-.090	0	224	-.376	.077	-.128	-.732
0	103	.493	.197	1.138	-.501	0	153	.237	.155	.951	-.577	0	225	-.356	.072	-.142	-.758
0	104	-.433	.108	-.028	-.909	0	154	.374	.161	.879	-.976	0	226	-.355	.141	.076	-.948
0	105	-.417	.109	-.048	-.874	0	155	.225	.111	.737	-.052	0	227	-.347	.124	.041	-.889
0	106	-.427	.096	-.036	-.831	0	156	.274	.136	.783	-.234	0	228	-.340	.105	.268	-.756
0	107	-.236	.125	.380	-.745	0	157	.267	.155	.936	-.467	0	229	-.395	.106	.013	-.821
0	108	.251	.128	.394	-.626	0	158	.087	.179	.768	-.916	0	230	-.428	.105	.114	-.985
0	109	.300	.220	.642	-1.086	0	159	.184	.179	.979	-.525	0	231	-.388	.090	-.029	-.873
0	110	.272	.269	.839	-.898	0	160	.280	.141	.893	-.251	0	232	-.408	.112	-.116	-1.304
0	111	.043	.097	.356	-.369	0	161	.243	.110	.735	-.064	0	233	-.446	.103	-.158	-1.056
0	112	.162	.117	.570	-.300	0	162	-.281	.090	.046	-.702	0	234	-.400	.080	-.130	-.784
0	113	.233	.130	.682	-.158	0	163	-.111	.062	.140	-.340	0	235	-.374	.072	-.144	-.850
0	114	.304	.132	.701	-.053	0	164	.067	.068	.397	-.119	0	236	-.371	.069	-.172	-.803
0	115	.338	.152	.892	-.108	0	165	.146	.078	.449	-.047	0	237	-.407	.117	.010	-.852
0	116	.280	.157	.782	-.234	0	166	.164	.078	.504	-.042	0	238	-.397	.113	-.006	-.880
0	117	.057	.144	.558	-.446	0	167	.168	.077	.456	-.062	0	239	-.377	.094	.001	-.850
0	118	.305	.179	.856	-.500	0	168	.142	.092	.538	-.138	0	240	-.412	.087	-.053	-1.030
0	119	.341	.160	.875	-.215	0	169	.103	.107	.497	-.503	0	241	-.443	.092	-.171	-.850
0	120	.046	.089	.397	-.324	0	170	.211	.096	.567	-.054	0	242	-.408	.077	-.212	-.800
0	121	.253	.123	.627	-.224	0	171	-.391	.131	.080	-1.070	0	243	-.421	.089	-.127	-.852
0	122	.462	.147	.877	.001	0	172	.043	.080	.471	-.156	0	244	-.431	.084	-.181	-.942
0	123	.407	.152	1.113	.014	0	173	.166	.096	.621	-.054	0	245	-.401	.064	-.188	-.744
0	124	.511	.164	1.058	.033	0	174	.222	.103	.788	-.001	0	246	-.377	.062	-.190	-.644
0	125	.395	.171	1.001	-.151	0	175	.254	.104	.746	.018	0	247	-.377	.064	-.141	-.633
0	126	.149	.164	1.644	-.348	0	176	.234	.090	.663	.001	0	248	-.436	.126	-.077	-1.058
0	127	.349	.200	1.049	-.358	0	177	.232	.090	.589	.018	0	249	-.422	.115	-.067	-.947
0	128	.370	.163	.946	-.181	0	178	.213	.080	.631	-.013	0	250	-.428	.105	-.072	-.855
0	129	.011	.081	.354	-.253	0	201	-.369	.135	.028	-1.107	0	251	-.435	.098	-.103	-.890
0	130	.216	.106	.578	-.146	0	202	-.422	.160	.128	-1.201	0	252	-.475	.096	-.238	-1.063
0	131	.382	.131	.863	-.008	0	203	-.418	.128	.022	-1.044	0	253	-.449	.083	-.216	-.834
0	132	.488	.148	.987	.045	0	204	-.453	.124	-.118	-1.007	0	254	-.446	.087	-.150	-.836
0	133	.517	.162	1.025	.104	0	205	-.679	.204	-.021	-1.338	0	255	-.460	.084	-.216	-.841
0	134	.403	.174	1.068	-.141	0	206	-.726	.156	-.120	-1.335	0	256	-.447	.086	-.134	-.796
0	135	.174	.167	.751	-.312	0	207	-.410	.129	-.001	-1.023	0	257	-.447	.077	-.223	-.971
0	136	.276	.191	1.006	-.386	0	208	-.405	.130	.069	-.922	0	258	-.434	.082	-.205	-.800
0	137	.308	.165	.901	-.284	0	209	-.447	.132	.043	-1.157	0	259	-.461	.092	-.122	-.897
0	138	-.064	.085	.247	-.386	0	210	-.463	.120	.071	-.967	0	260	-.469	.098	-.169	-.907
0	139	.120	.102	.504	-.165	0	211	-.474	.107	-.090	-1.044	0	261	-.456	.091	-.157	-.928
0	140	.310	.127	.806	-.082	0	212	-.449	.106	-.090	-1.002	0	262	-.280	.082	-.072	-.708
0	141	.415	.148	.961	.037	0	213	-.451	.126	-.125	-1.161	0	263	-.268	.082	-.027	-.576
0	142	.413	.154	.934	.023	0	214	-.470	.132	-.083	-1.375	0	264	-.322	.109	-.041	-.706
0	143	.344	.163	.946	-.177	0	215	-.330	.148	.130	-1.086	0	265	-.411	.124	-.067	-.909
0	144	.195	.169	.823	-.234	0	216	-.342	.159	.074	-1.590	0	266	-.527	.122	-.162	-1.082
0	145	.257	.173	.942	-.327	0	217	-.359	.159	.111	-1.553	0	267	-.562	.128	-.171	-1.247
0	146	.245	.155	.884	-.372	0	218	-.408	.138	.114	-1.112	0	268	-.578	.118	-.266	-1.252
0	147	-.188	.087	.154	-.553	0	219	-.457	.148	.010	-1.271	0	269	-.557	.112	-.292	-1.139
0	148	.006	.096	.444	-.291	0	220	-.433	.134	.001	-1.297	0	270	-.564	.103	-.283	-.952
0	149	.176	.111	.610	-.105	0	221	-.425	.123	.003	-1.053	0	271	-.148	.040	-.011	-.354
0	150	.255	.120	.876	-.059	0	222	-.459	.118	.062	-1.292	0	272	-.152	.044	-.001	-.313

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	273	- .173	.057	.103	-.422	0	418	-.274	.082	.034	-.781	0	468	-.213	.038	-.066	-.391
0	274	-.207	.076	-.020	-.592	0	419	-.251	.091	.018	-.021	0	469	-.186	.036	-.061	-.341
0	275	-.258	.102	.070	-.647	0	420	-.247	.053	-.074	-.522	0	470	-.163	.038	-.027	-.331
0	276	-.385	.148	.065	-.822	0	421	-.247	.053	-.071	-.621	0	471	-.144	.040	.034	-.369
0	277	-.641	.157	-.108	-1.380	0	422	-.245	.052	-.098	-.448	0	472	-.140	.045	.044	-.348
0	278	-.755	.201	-.261	-1.971	0	423	-.238	.048	-.074	-.421	0	473	-.196	.041	-.017	-.339
0	279	-.707	.181	-.280	-1.666	0	424	-.258	.057	-.083	-.553	0	474	-.190	.034	-.096	-.355
0	280	-.057	.049	.108	-.424	0	425	-.234	.046	-.080	-.456	0	475	-.180	.034	-.024	-.353
0	281	-.052	.034	.070	-.202	0	426	-.231	.052	-.061	-.444	0	476	-.171	.039	-.017	-.316
0	282	-.064	.027	.037	-.169	0	427	-.245	.062	-.003	-.612	0	477	-.159	.037	.013	-.364
0	283	-.079	.033	.030	-.216	0	428	-.265	.073	.040	-.602	0	478	-.139	.037	.122	-.281
0	284	-.073	.035	.027	-.255	0	429	-.260	.047	-.104	-.468	0	479	-.136	.043	.011	-.346
0	285	-.529	.135	-.174	-1.225	0	430	-.263	.049	-.121	-.576	0	480	-.140	.043	.020	-.316
0	286	-.235	.079	.006	-.623	0	431	-.266	.046	-.073	-.492	0	501	-.867	.201	-.120	-1.782
0	287	-.176	.085	.013	-.644	0	432	-.259	.045	-.097	-.446	0	502	-.639	.209	-.117	-1.318
0	288	-.066	.036	.055	-.267	0	433	-.268	.047	-.116	-.458	0	503	-.390	.078	-.120	-.721
0	289	-.052	.038	.071	-.237	0	434	-.260	.042	-.130	-.461	0	504	-.294	.087	.013	-.698
0	290	-.045	.035	.073	-.193	0	435	-.262	.043	-.123	-.437	0	505	-.240	.063	.038	-.538
0	291	-.056	.026	.061	-.237	0	436	-.288	.053	-.080	-.614	0	506	-.273	.072	.055	-.588
0	292	-.059	.031	.055	-.366	0	437	-.321	.068	-.027	-.717	0	507	-.555	.114	-.220	-.938
0	293	-.150	.041	.006	-.316	0	438	-.281	.047	-.152	-.542	0	508	-.534	.129	-.150	-1.066
0	294	-.139	.035	.015	-.274	0	439	-.265	.046	-.121	-.473	0	509	-.266	.100	.072	-.644
0	295	-.111	.050	.117	-.285	0	440	-.267	.043	-.133	-.418	0	510	-.271	.079	.030	-.644
0	296	-.134	.048	.038	-.290	0	441	-.353	.060	-.142	-.626	0	511	-.017	.095	.312	-.490
0	297	-.094	.084	.277	-.397	0	442	-.356	.058	-.188	-.609	0	512	-.139	.146	.727	-.269
0	298	-.292	.092	.177	-.683	0	443	-.339	.054	-.171	-.530	0	513	-.705	.170	-.281	-1.523
0	299	-.170	.060	.154	-.403	0	444	-.346	.059	-.181	-.588	0	514	-.705	.156	-.052	-1.304
0	300	-.122	.042	.112	-.276	0	445	-.319	.046	-.181	-.521	0	515	-.517	.140	-.138	-.980
0	301	-.020	.046	.237	-.128	0	446	-.309	.045	-.171	-.497	0	516	-.364	.088	-.008	-.833
0	302	-.009	.048	.279	-.107	0	447	-.310	.046	-.166	-.475	0	517	-.352	.083	-.047	-.752
0	303	-.006	.045	.304	-.119	0	448	-.318	.061	-.083	-.540	0	518	-.302	.072	-.052	-.637
0	304	-.030	.035	.122	-.154	0	449	-.354	.075	-.130	-.870	0	519	-.276	.069	-.026	-.539
0	305	-.033	.032	.145	-.142	0	450	-.373	.068	-.171	-.695	0	520	-.272	.075	-.060	-.654
0	401	-.318	.096	-.086	-.853	0	451	-.348	.060	-.202	-.624	0	521	-.246	.068	-.029	-.663
0	402	-.303	.089	-.062	-.870	0	452	-.346	.054	-.193	-.590	0	522	-.241	.078	.113	-.577
0	403	-.321	.084	-.064	-.820	0	453	-.372	.063	-.217	-.691	0	523	-.161	.135	.619	-.260
0	404	-.332	.110	-.050	-.861	0	454	-.382	.064	-.214	-.643	0	524	-.267	.158	.969	-.150
0	405	-.304	.093	-.066	-.711	0	455	-.345	.063	-.162	-.585	0	525	-.644	.132	-.276	-1.195
0	406	-.309	.099	-.077	-.938	0	456	-.284	.045	-.154	-.437	0	526	-.646	.138	-.218	-1.149
0	407	-.292	.078	-.050	-.711	0	457	-.257	.039	-.154	-.408	0	527	-.532	.166	.030	-1.059
0	408	-.299	.086	-.006	-.852	0	458	-.242	.037	-.121	-.418	0	528	-.321	.108	.025	-.754
0	409	-.374	.094	-.042	-.764	0	459	-.232	.043	-.087	-.418	0	529	-.238	.073	-.010	-.682
0	410	-.343	.088	-.080	-.703	0	460	-.243	.053	-.083	-.490	0	530	-.218	.057	.013	-.451
0	411	-.297	.073	-.045	-.712	0	461	-.244	.052	-.094	-.492	0	531	-.238	.055	-.026	-.476
0	412	-.274	.069	-.083	-.510	0	462	-.314	.060	-.094	-.561	0	532	-.233	.048	-.087	-.502
0	413	-.262	.071	-.062	-.654	0	463	-.363	.062	-.190	-.657	0	533	-.254	.055	-.103	-.558
0	414	-.243	.064	-.033	-.553	0	464	-.307	.049	-.159	-.549	0	534	-.182	.136	.629	-.232
0	415	-.246	.074	-.040	-.640	0	465	-.253	.046	-.090	-.432	0	535	-.233	.154	.743	-.311
0	416	-.231	.067	-.016	-.520	0	466	-.327	.056	-.171	-.569	0	536	-.636	.129	-.274	-1.246
0	417	-.231	.072	.025	-.544	0	467	-.231	.037	-.130	-.451	0	537	-.637	.132	-.015	-1.226

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	538	-558	.168	.058	-1.080	0	602	-.004	.042	.150	-.214	0	915	-.355	.065	-.145	-.600
0	539	-.288	.153	-.060	-.850	0	603	-.010	.046	.141	-.245	0	916	-.721	.164	-.275	-1.252
0	540	-.206	.083	-.010	-.693	0	604	-.010	.056	.162	-.415	0	917	-.443	.139	.010	-1.106
0	541	-.222	.043	-.073	-.437	0	605	-.003	.060	.229	-.261	0	918	-.264	.099	.758	.037
0	542	-.241	.048	-.073	-.455	0	606	-.006	.068	.390	-.434	0	919	.169	.056	.415	.022
0	543	-.254	.048	-.087	-.453	0	607	-.018	.069	.304	-.245	0	920	.189	.063	.482	.051
0	544	-.255	.048	-.113	-.521	0	608	-.026	.023	.091	-.106	0	921	.159	.039	.303	-.011
0	545	-.288	.053	-.124	-.619	0	609	-.016	.022	.079	-.085	0	922	.107	.041	.298	.013
0	546	-.287	.048	-.145	-.489	0	610	-.005	.022	.477	-.078	0	923	-.040	.024	.037	-.143
0	547	.163	.129	.690	-.298	0	611	-.004	.025	.102	-.083	0	924	-.127	.057	.054	-.442
0	548	.198	.132	.626	-.233	0	612	-.003	.025	.093	-.115	0	925	-.079	.030	.217	-.025
0	549	-.648	.182	-.051	-1.551	0	613	-.014	.034	.114	-.183	0	926	-.112	.059	.090	-.390
0	550	-.660	.197	-.005	-1.449	0	614	-.020	.041	.114	-.245	0	927	-.014	.032	.116	-.148
0	551	-.435	.188	-.065	-1.069	0	615	-.003	.029	.137	-.077	0	928	-.189	.060	.006	-.409
0	552	-.240	.103	.014	-.702	0	616	-.005	.026	.097	-.075	0	929	-.180	.063	.037	-.442
0	553	-.259	.055	-.099	-.582	0	617	-.018	.028	.132	-.075	0	930	-.507	.106	-.196	-.993
0	554	-.305	.047	-.104	-.533	0	618	-.035	.033	.227	-.055	0	931	-.238	.068	.008	-.557
0	555	-.337	.053	-.145	-.515	0	619	-.048	.042	.239	-.070	0	932	-.222	.107	.765	-.021
0	556	-.320	.051	-.178	-.642	0	620	-.025	.034	.184	-.072	0	933	.085	.062	.346	-.119
0	557	-.339	.056	-.180	-.565	0	621	-.026	.028	.167	-.060	0	934	.119	.070	.511	-.081
0	558	-.391	.077	-.198	-.833	0	701	-.038	.034	.129	-.214	0	935	.087	.059	.391	-.227
0	559	-.391	.079	-.201	-.734	0	702	.109	.061	.344	-.046	0	936	.063	.057	.327	-.107
0	560	-.217	.157	.782	-.445	0	703	.121	.057	.351	-.077	0	937	-.374	.121	.106	-1.115
0	561	.284	.146	.847	-.275	0	704	.098	.056	.301	-.142	0	938	-.415	.095	-.064	-.782
0	562	-.400	.330	.469	-1.793	0	705	-.058	.052	.375	-.108	0	939	-.065	.052	.257	-.100
0	563	-.165	.185	.355	-.914	0	707	-.006	.035	.148	-.147	0	940	-.266	.118	.238	-.823
0	564	-.005	.132	.508	-.644	0	708	.165	.064	.438	.013	0	941	-.403	.082	-.155	-.722
0	565	-.228	.145	.360	-.812	0	709	.185	.076	.600	.008	0	942	-.268	.115	.171	-.861
0	566	-.316	.097	-.058	-.711	0	710	.203	.082	.661	-.006	0	943	-.378	.134	.046	-1.146
0	567	-.336	.060	-.141	-.577	0	711	.183	.091	.678	-.025	0	944	-.447	.091	-.145	-.888
0	568	-.360	.061	-.178	-.628	0	712	.122	.076	.431	-.051	0	945	-.440	.102	.046	-.888
0	569	-.374	.065	-.212	-.612	0	713	.077	.062	.400	-.079	0	946	-.406	.079	-.136	-.775
0	570	-.365	.067	-.162	-.658	0	714	-.024	.044	.238	-.152	0	947	.151	.107	.660	-.090
0	571	-.082	.201	.519	-1.256	0	801	-.200	.036	-.062	-.341	0	948	.078	.067	.350	-.142
0	572	-.167	.241	.432	-1.143	0	802	-.151	.055	.081	-.494	0	949	.083	.062	.343	-.079
0	573	.046	.061	.395	-.150	0	803	-.284	.085	.020	-.686	0	950	.070	.057	.278	-.116
0	574	.063	.058	.332	-.102	0	901	-.438	.099	-.184	-.933	0	951	.036	.052	.254	-.128
0	575	.074	.058	.388	-.314	0	902	-.298	.082	-.025	-.684	0	1101	-.392	.111	-.146	-1.102
0	576	.081	.063	.353	-.173	0	903	-.404	.099	-.033	-.823	0	1102	-.401	.113	-.180	-.905
0	577	.070	.077	.364	-.287	0	904	-.595	.122	-.196	-1.242	0	1103	-.325	.081	-.113	-.706
0	578	.110	.103	.418	-.409	0	905	.290	.149	.885	-.423	0	1104	-.423	.138	-.023	-.984
0	579	.146	.091	.508	-.235	0	906	.219	.093	.686	-.001	0	1105	-.006	.160	.554	-.722
0	580	.198	.090	.593	-.099	0	907	.141	.063	.389	-.045	0	1106	-.264	.177	.304	-1.002
0	581	.187	.071	.603	-.005	0	908	.150	.064	.444	.010	0	1107	.108	.157	.737	-.623
0	582	.186	.080	.563	-.022	0	909	.121	.066	.411	-.095	0	1108	.078	.130	.714	-.234
0	583	.167	.071	.422	-.081	0	910	-.072	.059	-.403	-.085	0	1109	-.025	.119	.612	-.268
0	584	.209	.077	.508	.012	0	911	-.278	.070	-.035	-.528	0	1110	-.435	.127	.079	-.979
0	585	.220	.082	.602	.035	0	912	-.093	.061	.353	-.090	0	1111	-.298	.103	-.030	-.813
0	586	.237	.092	.720	.028	0	913	-.320	.056	-.155	-.545	0	1112	-.347	.085	-.132	-.801
0	601	-.034	.034	.072	-.196	0	914	-.221	.060	.022	-.481	0	1113	-.383	.120	-.014	-.938

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1201	-.387	.104	-.115	-.870	10	126	-.072	.137	.441	-.524	10	176	.253	.094	.684	.011
0	1202	-.421	.093	-.183	-.794	10	127	.120	.210	.826	-.788	10	177	.235	.085	.578	.039
0	1203	-.507	.165	-.164	-1.243	10	128	.309	.188	.930	-.413	10	178	.220	.078	.585	.030
0	1204	-.502	.131	-.176	-1.086	10	129	.089	.103	.512	-.375	10	201	-.344	.138	.053	-.962
0	1205	-.640	.187	-.201	-1.533	10	130	.297	.125	.724	-.099	10	202	-.384	.161	.086	-1.573
0	1206	.122	.172	.707	-.687	10	131	.448	.144	1.130	.037	10	203	-.405	.139	.133	-1.062
0	1207	.186	.125	.714	-.301	10	132	.511	.156	1.018	.096	10	204	-.495	.133	.041	-1.008
0	1208	.029	.131	.586	-.405	10	133	.486	.161	1.125	.058	10	205	-.731	.213	-.004	-1.453
0	1209	-.580	.156	-.128	-1.338	10	134	.197	.165	.750	-.353	10	206	-.757	.182	-.160	-1.483
0	1210	-.480	.153	-.104	-1.160	10	135	.044	.151	.519	-.498	10	207	-.352	.131	.149	-.924
0	1211	-.648	.146	-.164	-1.246	10	136	.101	.196	.985	-.648	10	208	-.362	.133	.098	-1.158
0	1301	-.393	.085	-.120	-.736	10	137	.243	.191	.909	-.503	10	209	-.456	.149	.011	-1.090
0	1302	-.336	.070	-.148	-.671	10	138	.007	.099	.450	-.339	10	210	-.500	.134	-.038	-1.135
0	1303	-.376	.065	-.141	-.630	10	139	.193	.124	.738	-.182	10	211	-.509	.120	-.092	-1.069
0	1304	-.658	.225	-.150	-1.929	10	140	.348	.147	.878	-.001	10	212	-.512	.124	-.090	-1.090
0	1305	-.317	.067	-.134	-.685	10	141	.430	.145	.985	.091	10	213	-.520	.128	-.158	-1.015
0	1306	-.405	.161	-.067	-1.229	10	142	.410	.140	.902	.025	10	214	-.522	.124	-.111	-1.256
0	1307	.074	.247	.883	-.604	10	143	.225	.155	.821	-.265	10	215	-.260	.141	.138	-.947
0	1308	-.153	.159	.385	-.639	10	144	.008	.151	.598	-.496	10	216	-.254	.155	.294	-1.350
0	1309	-.466	.144	-.107	-1.178	10	145	.089	.165	.766	-.498	10	217	-.295	.169	.241	-1.430
0	1310	-.382	.098	-.095	-.979	10	146	.133	.166	.674	-.548	10	218	-.369	.176	.269	-1.385
0	1311	-.440	.114	-.164	-.935	10	147	.113	.091	.236	-.536	10	219	-.425	.186	.302	-1.193
0	1312	-.312	.080	-.019	-.766	10	148	.071	.096	.474	-.237	10	220	-.468	.152	.100	-1.275
0	1313	-.339	.089	-.090	-.794	10	149	.227	.112	.676	-.107	10	221	-.500	.144	-.005	-1.292
0	1314	-.405	.088	-.104	-.873	10	150	.303	.121	.863	-.054	10	222	-.506	.132	-.003	-1.198
10	101	.348	.233	.888	-.540	10	151	.295	.125	.810	.025	10	223	-.488	.108	-.127	-1.062
10	102	.479	.251	1.182	-.577	10	152	.253	.128	.757	-.083	10	224	-.450	.098	-.181	-1.381
10	103	.424	.194	1.041	-.363	10	153	.131	.154	.688	-.570	10	225	-.439	.098	-.179	-.933
10	104	-.494	.124	.160	-.945	10	154	.380	.169	1.122	-.126	10	226	-.264	.133	.112	-1.177
10	105	-.470	.118	-.037	-.907	10	155	.267	.131	.781	-.176	10	227	-.252	.128	.187	-.868
10	106	-.507	.107	-.158	-1.004	10	156	.287	.120	.769	-.133	10	228	-.275	.131	.173	-.837
10	107	-.263	.139	.319	-.679	10	157	.223	.133	.753	-.409	10	229	-.382	.143	.149	-.861
10	108	-.320	.116	.265	-.703	10	158	.007	.150	.601	-.630	10	230	-.439	.152	.241	-1.109
10	109	-.437	.187	.545	-.083	10	159	.052	.176	.767	-.556	10	231	-.443	.130	.046	-1.198
10	110	-.380	.181	.505	-.033	10	160	.190	.122	.791	-.183	10	232	-.474	.141	-.041	-1.121
10	111	-.088	.120	.519	-.320	10	161	.192	.098	.618	-.111	10	233	-.495	.128	-.031	-1.146
10	112	.214	.130	.631	-.230	10	162	.239	.091	.157	-.565	10	234	-.461	.102	-.101	-.903
10	113	.267	.137	.771	-.220	10	163	.052	.066	.280	-.253	10	235	-.440	.096	-.158	-.945
10	114	.318	.144	.752	-.089	10	164	.088	.072	.419	-.097	10	236	-.443	.097	-.127	-.978
10	115	.313	.158	.883	-.163	10	165	.160	.080	.477	-.025	10	237	-.307	.140	.027	-1.036
10	116	.166	.138	.676	-.420	10	166	.187	.079	.541	-.051	10	238	-.296	.122	.140	-.863
10	117	-.141	.120	.336	-.539	10	167	.163	.074	.486	-.025	10	239	-.309	.112	.163	-.744
10	118	.150	.201	.859	-.548	10	168	.089	.089	.472	-.215	10	240	-.393	.121	.177	-.794
10	119	.318	.180	1.106	-.320	10	169	.034	.129	.417	-.623	10	241	-.459	.124	.227	-1.054
10	120	.113	.107	.543	-.234	10	170	.188	.087	.678	-.018	10	242	-.415	.095	-.076	-.810
10	121	.314	.137	.926	-.089	10	171	.336	.120	.055	-.822	10	243	-.464	.132	-.064	-1.073
10	122	.424	.162	.930	-.020	10	172	.080	.073	.506	-.090	10	244	-.497	.130	.019	-1.201
10	123	.496	.163	1.085	-.003	10	173	.197	.094	.707	-.016	10	245	-.436	.102	-.093	-1.165
10	124	.461	.167	1.037	-.020	10	174	.278	.112	.815	.023	10	246	-.414	.091	-.042	-1.035
10	125	.226	.161	.785	-.279	10	175	.288	.106	.744	.027	10	247	-.419	.092	-.178	-.973

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	248	- .332	.117	-.024	-.831	10	298	- .195	.070	.133	-.610	10	443	- .316	.062	-.162	-.605
10	249	- .331	.121	-.009	-.860	10	299	- .126	.047	.276	-.290	10	444	- .307	.068	-.146	-.684
10	250	- .382	.122	.033	-1.033	10	300	- .093	.035	.108	-.237	10	445	- .272	.044	-.124	-.564
10	251	- .422	.122	.005	-1.004	10	301	- .019	.029	.129	-.099	10	446	- .250	.039	-.146	-.411
10	252	- .479	.132	-.196	-1.322	10	302	- .012	.030	.150	-.097	10	447	- .261	.049	-.103	-.457
10	253	- .443	.122	-.107	-1.319	10	303	- .001	.029	.196	-.069	10	448	- .272	.063	-.069	-.643
10	254	- .452	.123	-.088	-1.315	10	304	- .022	.026	.133	-.118	10	449	- .286	.074	-.035	-.682
10	255	- .471	.122	-.074	-1.104	10	305	- .017	.028	.145	-.145	10	450	- .326	.071	-.158	-.694
10	256	- .460	.110	-.055	-1.082	10	401	- .279	.083	-.039	-.690	10	451	- .309	.064	-.150	-.663
10	257	- .447	.101	-.201	-1.104	10	402	- .261	.067	-.035	-.570	10	452	- .303	.056	-.167	-.612
10	258	- .447	.102	-.187	-1.007	10	403	- .277	.074	-.025	-.632	10	453	- .304	.053	-.160	-.512
10	259	- .419	.130	-.014	-.898	10	404	- .274	.086	-.018	-.643	10	454	- .314	.057	-.179	-.615
10	260	- .444	.124	-.021	-1.518	10	405	- .237	.069	-.037	-.659	10	455	- .296	.067	-.035	-.651
10	261	- .472	.115	-.119	-1.260	10	406	- .233	.062	-.037	-.525	10	456	- .221	.033	-.112	-.361
10	262	- .213	.068	.033	-.569	10	407	- .255	.067	-.012	-.631	10	457	- .218	.030	-.129	-.347
10	263	- .188	.072	.007	-.535	10	408	- .273	.086	-.002	-.769	10	458	- .213	.034	-.107	-.359
10	264	- .218	.109	.066	-.701	10	409	- .351	.110	-.035	-.879	10	459	- .213	.041	-.100	-.402
10	265	- .325	.137	.090	-.879	10	410	- .294	.089	-.043	-.674	10	460	- .213	.047	-.086	-.517
10	266	- .441	.157	.035	-1.063	10	411	- .305	.088	-.013	-.733	10	461	- .210	.047	-.079	-.457
10	267	- .568	.156	-.024	-1.284	10	412	- .239	.059	-.035	-.491	10	462	- .268	.048	-.103	-.457
10	268	- .562	.139	-.100	-1.568	10	413	- .266	.076	-.023	-.616	10	463	- .299	.053	-.143	-.521
10	269	- .547	.132	-.152	-1.123	10	414	- .224	.059	-.051	-.500	10	464	- .258	.037	-.131	-.411
10	270	- .542	.122	-.239	-1.111	10	415	- .235	.068	-.027	-.606	10	465	- .218	.041	-.031	-.385
10	271	- .131	.042	-.000	-.339	10	416	- .206	.066	-.008	-.541	10	466	- .262	.046	-.129	-.483
10	272	- .127	.041	.005	-.313	10	417	- .198	.070	-.028	-.551	10	467	- .194	.030	-.112	-.339
10	273	- .133	.052	.085	-.344	10	418	- .204	.075	-.028	-.570	10	468	- .175	.031	-.067	-.306
10	274	- .152	.065	.104	-.505	10	419	- .220	.089	-.018	-.791	10	469	- .160	.030	-.040	-.311
10	275	- .185	.095	.066	-.604	10	420	- .239	.066	-.023	-.539	10	470	- .140	.029	-.040	-.275
10	276	- .287	.146	.109	-.765	10	421	- .235	.062	-.023	-.572	10	471	- .124	.041	-.009	-.474
10	277	- .397	.188	.047	-1.362	10	422	- .227	.053	-.036	-.443	10	472	- .127	.049	-.028	-.482
10	278	- .732	.238	.021	-2.127	10	423	- .219	.047	-.034	-.484	10	473	- .170	.034	-.012	-.290
10	279	- .688	.202	-.173	-2.072	10	424	- .231	.050	-.087	-.568	10	474	- .158	.029	-.053	-.322
10	280	- .056	.054	-.106	-.396	10	425	- .217	.046	-.050	-.481	10	475	- .150	.028	-.035	-.274
10	281	- .043	.034	-.104	-.228	10	426	- .213	.054	-.033	-.464	10	476	- .145	.033	-.000	-.297
10	282	- .047	.025	.050	-.159	10	427	- .218	.071	-.002	-.667	10	477	- .131	.031	-.016	-.265
10	283	- .060	.029	.035	-.235	10	428	- .233	.082	-.005	-.763	10	478	- .118	.031	-.005	-.233
10	284	- .035	.029	.025	-.246	10	429	- .257	.056	-.098	-.555	10	479	- .113	.032	-.064	-.299
10	285	- .440	.134	-.138	-1.126	10	430	- .255	.052	-.093	-.478	10	480	- .114	.032	-.034	-.265
10	286	- .198	.071	-.002	-.523	10	431	- .246	.049	-.112	-.461	10	501	- .853	.187	-.211	-1.577
10	287	- .139	.067	.044	-.700	10	432	- .249	.048	-.110	-.478	10	502	- .763	.189	-.141	-1.352
10	288	- .057	.029	.039	-.198	10	433	- .252	.051	-.119	-.562	10	503	- .425	.093	-.030	-.867
10	289	- .038	.029	.060	-.267	10	434	- .232	.040	-.112	-.509	10	504	- .289	.097	-.091	-.805
10	290	- .024	.027	.076	-.147	10	435	- .229	.045	-.052	-.641	10	505	- .241	.077	-.079	-.672
10	291	- .034	.023	.069	-.111	10	436	- .243	.064	-.008	-.694	10	506	- .241	.071	-.028	-.601
10	292	- .037	.026	.041	-.173	10	437	- .254	.079	-.031	-.775	10	507	- .484	.118	-.151	-.939
10	293	- .123	.034	-.000	-.293	10	438	- .271	.057	-.098	-.572	10	508	- .500	.125	-.090	-1.007
10	294	- .106	.030	.016	-.230	10	439	- .241	.043	-.112	-.461	10	509	- .335	.106	-.105	-.800
10	295	- .084	.040	.092	-.221	10	440	- .239	.044	-.103	-.473	10	510	- .304	.095	-.181	-.705
10	296	- .099	.039	.055	-.256	10	441	- .292	.058	-.148	-.545	10	511	- .150	.092	-.163	-.582
10	297	- .061	.064	.251	-.253	10	442	- .309	.063	-.129	-.588	10	512	- .063	.159	-.652	-.434



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	513	-.576	.149	-.181	-1.554	10	563	-.089	.180	.324	-.932	10	707	.018	.039	.286	-.110
10	514	-.580	.135	-.234	-1.141	10	564	-.091	.130	.331	-.751	10	708	.167	.062	.446	-.002
10	515	-.533	.127	-.018	-1.009	10	565	-.223	.125	.296	-.806	10	709	.203	.072	.561	.019
10	516	-.387	.116	.068	-.823	10	566	-.326	.081	.069	-.652	10	710	.208	.074	.559	.005
10	517	-.301	.084	.077	-.642	10	567	-.286	.058	.108	-.567	10	711	.194	.081	.500	.005
10	518	-.309	.087	.075	-.751	10	568	-.284	.055	.126	-.547	10	712	.121	.066	.396	-.035
10	519	-.230	.057	.030	-.510	10	569	-.301	.060	.138	-.592	10	713	.087	.056	.335	-.068
10	520	-.251	.070	.035	-.649	10	570	-.319	.068	.094	-.641	10	714	-.012	.042	.187	-.151
10	521	-.216	.055	.012	-.554	10	571	-.024	.144	.319	-1.410	10	801	-.182	.033	-.066	-.308
10	522	-.226	.066	.028	-.663	10	572	-.055	.201	.354	-1.261	10	802	-.118	.046	.100	-.301
10	523	.021	.117	.476	-.471	10	573	.039	.046	.230	-.112	10	803	-.212	.076	.058	-.549
10	524	.088	.154	.699	-.415	10	574	.050	.048	.294	-.154	10	901	-.355	.086	-.147	-.826
10	525	-.539	.119	-.246	-1.058	10	575	.085	.061	.329	-.149	10	902	-.286	.083	.018	-.744
10	526	-.530	.122	-.200	-.992	10	576	.088	.060	.393	-.181	10	903	-.404	.102	.059	-.852
10	527	-.528	.130	-.072	-1.002	10	577	.083	.074	.364	-.186	10	904	-.501	.111	-.200	-.967
10	528	-.378	.126	.003	-.937	10	578	.036	.116	.363	-.498	10	905	.201	.155	.819	-.485
10	529	-.312	.114	.093	-.844	10	579	.105	.093	.388	-.347	10	906	.265	.092	.651	.037
10	530	-.250	.092	.088	-.826	10	580	.195	.083	.496	-.232	10	907	.141	.060	.383	-.133
10	531	-.252	.090	.042	-.747	10	581	.191	.073	.531	-.011	10	908	.169	.066	.457	-.023
10	532	-.213	.047	-.062	-.427	10	582	.180	.072	.461	-.019	10	909	.133	.068	.411	-.126
10	533	-.238	.055	-.060	-.531	10	583	.140	.068	.448	.110	10	910	.087	.059	.356	-.097
10	534	.008	.130	.462	-.471	10	584	.210	.073	.549	.030	10	911	-.280	.082	-.003	-.639
10	535	.047	.146	.662	-.492	10	585	.217	.079	.570	.012	10	912	-.142	.064	.392	-.054
10	536	-.548	.123	-.225	-1.218	10	586	.211	.078	.590	.023	10	913	-.300	.062	-.140	-.605
10	537	-.533	.113	-.186	-1.107	10	601	-.020	.033	.081	-.191	10	914	-.272	.085	-.040	-.754
10	538	-.503	.117	-.195	-.942	10	602	.001	.035	.121	-.294	10	915	-.379	.089	-.078	-.718
10	539	-.395	.118	-.030	-.858	10	603	-.005	.046	.191	-.289	10	916	-.618	.157	-.198	-1.257
10	540	-.295	.098	.003	-.867	10	604	-.011	.045	.129	-.243	10	917	-.481	.161	-.054	-1.687
10	541	-.250	.064	-.051	-.543	10	605	-.010	.051	.168	-.292	10	918	.288	.099	.790	.049
10	542	-.243	.071	-.002	-.573	10	606	-.005	.058	.214	-.321	10	919	.163	.053	.375	.040
10	543	-.220	.044	-.067	-.464	10	607	.015	.056	.296	-.216	10	920	.199	.057	.450	.044
10	544	-.228	.046	-.102	-.424	10	608	-.014	.020	.056	-.087	10	921	.178	.043	.359	.049
10	545	-.238	.048	-.104	-.492	10	609	.006	.021	.074	-.085	10	922	.117	.041	.351	.008
10	546	-.255	.053	-.124	-.498	10	610	.004	.021	.088	-.080	10	923	-.031	.025	.042	-.152
10	547	.022	.117	.393	-.411	10	611	.008	.024	.120	-.089	10	924	-.096	.044	.028	-.337
10	548	.060	.134	.551	-.427	10	612	.005	.024	.104	-.082	10	925	-.095	.028	.236	.001
10	549	-.732	.179	-.296	-1.431	10	613	-.012	.031	.086	-.170	10	926	-.086	.051	.073	-.342
10	550	-.732	.176	-.241	-1.573	10	614	.014	.038	.196	-.195	10	927	-.028	.028	.136	-.121
10	551	-.556	.178	.048	-1.300	10	615	-.001	.022	.086	-.064	10	928	-.157	.053	.011	-.356
10	552	-.306	.108	.032	-.769	10	616	.006	.023	.109	-.071	10	929	-.199	.063	.056	-.485
10	553	-.271	.069	-.078	-.615	10	617	.018	.024	.121	-.066	10	930	-.519	.093	-.260	-.905
10	554	-.268	.049	-.092	-.501	10	618	.035	.031	.159	-.046	10	931	-.286	.068	-.025	-.562
10	555	-.291	.055	-.122	-.576	10	619	.047	.037	.243	-.045	10	932	.252	.111	.752	.032
10	556	-.294	.056	-.156	-.576	10	620	.035	.030	.214	-.082	10	933	.122	.065	.394	-.054
10	557	-.290	.061	-.147	-.707	10	621	.032	.026	.130	-.062	10	934	.141	.070	.474	-.044
10	558	-.308	.065	-.151	-.636	10	701	-.028	.032	.087	-.185	10	935	.125	.067	.454	-.140
10	559	-.319	.069	-.138	-.682	10	702	.123	.060	.365	-.055	10	936	.070	.056	.313	-.073
10	560	.081	.143	.524	-.857	10	703	.124	.052	.329	-.118	10	937	-.344	.111	.114	-.828
10	561	-.255	.151	.956	-.248	10	704	.112	.055	.320	-.173	10	938	-.431	.103	-.032	-.838
10	562	-.306	.333	.535	-1.849	10	705	.075	.051	.272	-.156	10	939	.076	.054	.361	-.080

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	940	- .201	.100	.176	-.682	20	101	.401	.220	.984	-.566	20	151	.320	.122	.840	.032
10	941	- .468	.092	-.183	-.857	20	102	.481	.209	1.119	-.512	20	152	.221	.121	.659	-.161
10	942	- .237	.113	.253	-.740	20	103	.343	.185	.913	-.434	20	153	.038	.136	.526	-.512
10	943	- .325	.144	.152	-.936	20	104	-.458	.144	.242	-.992	20	154	.317	.198	1.148	-.266
10	944	- .454	.134	-.008	-1.243	20	105	-.471	.148	.100	-1.072	20	155	.252	.140	.836	-.161
10	945	- .476	.108	-.087	-.903	20	106	-.535	.125	.053	-.928	20	156	.283	.116	.785	-.025
10	946	- .485	.094	-.188	-.845	20	107	-.220	.141	.372	-.758	20	157	.188	.119	.735	-.304
10	947	- .189	.108	.740	-.069	20	108	-.294	.131	.238	-.732	20	158	-.032	.125	.359	-.991
10	948	- .103	.066	.482	-.076	20	109	-.519	.145	.223	-1.072	20	159	.002	.128	.609	-.560
10	949	- .094	.054	.302	-.083	20	110	-.410	.120	.152	-.956	20	160	.145	.106	.592	-.245
10	950	- .098	.057	.358	-.069	20	111	-.171	.131	.644	-.214	20	161	.176	.092	.633	-.078
10	951	- .047	.042	.238	-.085	20	112	-.264	.139	.840	-.164	20	162	-.157	.082	.099	-.557
10	1101	- .400	.103	-.179	-1.078	20	113	.288	.134	.788	-.089	20	163	-.011	.060	.227	-.247
10	1102	- .415	.101	-.172	-.908	20	114	.299	.134	.866	-.086	20	164	.130	.073	.647	-.099
10	1103	- .368	.090	-.122	-.790	20	115	.281	.141	.741	-.160	20	165	.198	.080	.573	.001
10	1104	- .404	.144	.026	-1.000	20	116	-.005	.125	.630	-.405	20	166	.192	.083	.592	.006
10	1105	- .044	.149	.692	-.518	20	117	-.284	.098	.032	-.708	20	167	.161	.074	.495	-.030
10	1106	- .237	.174	.448	-1.067	20	118	-.085	.194	.665	-.580	20	168	.067	.075	.404	-.269
10	1107	- .143	.147	.734	-.705	20	119	.277	.209	.970	-.710	20	169	-.083	.123	.349	-.707
10	1108	- .141	.144	.787	-.179	20	120	.185	.121	.585	-.275	20	170	.194	.082	.535	-.064
10	1109	- .011	.096	.498	-.276	20	121	.369	.141	.828	-.082	20	171	-.245	.111	.125	-.873
10	1110	- .456	.123	-.027	-1.021	20	122	.462	.163	1.093	.011	20	172	.123	.077	.583	-.050
10	1111	- .316	.096	-.071	-.739	20	123	.486	.162	1.025	.048	20	173	.240	.099	.667	.041
10	1112	- .360	.090	-.133	-.732	20	124	.409	.153	.911	-.020	20	174	.299	.110	.805	.053
10	1113	- .421	.119	-.064	-1.030	20	125	.014	.141	.597	-.639	20	175	.310	.110	.794	.069
10	1201	- .425	.105	-.117	-.965	20	126	-.236	.108	.226	-.703	20	176	.278	.099	.777	.067
10	1202	- .359	.080	-.119	-.779	20	127	-.144	.191	.649	-.713	20	177	.238	.083	.623	.039
10	1203	- .370	.103	-.096	-.965	20	128	.164	.233	.883	-.635	20	178	.230	.076	.579	.039
10	1204	- .460	.113	-.165	-.988	20	129	.152	.119	.594	-.202	20	201	-.219	.077	.022	-.710
10	1205	- .529	.133	-.253	-1.431	20	130	.332	.146	.843	-.093	20	202	-.264	.103	-.001	-1.040
10	1206	- .003	.233	.743	-.795	20	131	.470	.165	.944	-.006	20	203	-.293	.132	-.208	-1.012
10	1207	- .220	.137	.780	-.511	20	132	.493	.160	.987	.086	20	204	-.462	.135	-.134	-1.063
10	1208	- .032	.111	.547	-.324	20	133	.398	.147	.899	-.018	20	205	-.684	.190	-.110	-1.282
10	1209	- .562	.138	-.184	-1.496	20	134	-.006	.153	.568	-.578	20	206	-.716	.202	-.006	-1.516
10	1210	- .507	.137	-.138	-1.113	20	135	.244	.128	.242	-.673	20	207	-.290	.078	-.060	-.744
10	1211	- .575	.145	-.165	-1.334	20	136	-.136	.178	.739	-.717	20	208	-.281	.093	-.011	-.863
10	1301	- .316	.101	-.069	-.825	20	137	.083	.210	.866	-.658	20	209	-.314	.136	-.027	-.993
10	1302	- .279	.061	-.101	-.564	20	138	.071	.113	.528	-.379	20	210	-.409	.166	-.008	-.995
10	1303	- .305	.069	-.142	-.638	20	139	.255	.135	.791	-.108	20	211	-.440	.159	-.039	-.974
10	1304	- .424	.176	-.096	-1.320	20	140	.391	.152	.899	-.070	20	212	-.482	.184	-.227	-1.221
10	1305	- .293	.075	-.124	-.744	20	141	.434	.147	.989	.072	20	213	-.536	.143	-.106	-1.158
10	1306	- .296	.075	-.020	-.703	20	142	.385	.142	.949	.004	20	214	-.551	.129	-.132	-1.002
10	1307	- .186	.212	.618	-.691	20	143	.076	.149	.611	-.446	20	215	-.193	.055	-.020	-.812
10	1308	- .248	.120	.213	-.633	20	144	-.168	.145	.290	-.639	20	216	-.177	.068	.041	-.870
10	1309	- .410	.132	-.005	-1.136	20	145	-.071	.181	.665	-.793	20	217	-.185	.088	.117	-.974
10	1310	- .341	.114	-.048	-1.009	20	146	-.054	.175	.646	-.564	20	218	-.214	.102	.099	-1.023
10	1311	- .361	.088	-.094	-.862	20	147	-.055	.091	.346	-.351	20	219	-.112	.218	.655	-1.000
10	1312	- .286	.098	.035	-.799	20	148	-.113	.095	.573	-.129	20	220	-.325	.196	.285	-1.252
10	1313	- .311	.088	.019	-.714	20	149	.235	.114	.723	-.042	20	221	-.414	.175	.027	-1.259
10	1314	- .320	.096	-.009	-.940	20	150	.299	.116	.821	.013	20	222	-.440	.175	.045	-1.086

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	223	- .546	.139	- .108	-1 .147	20	273	- .130	.044	.228	- .336	20	418	- .169	.051	- .018	- .467
20	224	- .556	.127	- .185	-1 .170	20	274	- .140	.057	.047	- .477	20	419	- .167	.051	- .011	- .448
20	225	- .535	.136	- .143	-1 .494	20	275	- .161	.077	.080	- .569	20	420	- .226	.057	- .013	- .612
20	226	- .209	.053	- .001	- .693	20	276	- .235	.110	.240	- .642	20	421	- .224	.051	- .042	- .419
20	227	- .191	.063	- .190	- .528	20	277	- .506	.186	.019	-1 .409	20	422	- .214	.043	- .040	- .412
20	228	- .177	.092	- .124	- .767	20	278	- .640	.244	- .014	-1 .712	20	423	- .199	.038	- .006	- .340
20	229	- .201	.130	- .187	- .888	20	279	- .554	.202	.075	-1 .564	20	424	- .212	.042	- .052	- .393
20	230	- .202	.216	- .478	-1 .009	20	280	- .041	.054	.115	- .381	20	425	- .189	.035	- .073	- .346
20	231	- .346	.171	- .192	-1 .182	20	281	- .030	.038	.111	- .247	20	426	- .183	.040	- .073	- .389
20	232	- .444	.191	- .013	-1 .261	20	282	- .032	.025	.059	- .158	20	427	- .188	.045	- .061	- .594
20	233	- .480	.183	- .050	-1 .054	20	283	- .037	.027	.056	- .165	20	428	- .189	.049	- .047	- .482
20	234	- .553	.143	- .025	-1 .142	20	284	- .029	.028	.081	- .162	20	429	- .246	.053	- .049	- .468
20	235	- .552	.126	- .199	-1 .452	20	285	- .338	.123	- .034	- .840	20	430	- .235	.047	- .080	- .432
20	236	- .536	.123	- .204	-1 .221	20	286	- .151	.065	.043	- .473	20	431	- .230	.043	- .094	- .475
20	237	- .223	.071	- .032	- .674	20	287	- .087	.058	.076	- .620	20	432	- .235	.037	- .101	- .370
20	238	- .213	.088	- .087	- .670	20	288	- .040	.031	.071	- .197	20	433	- .239	.043	- .118	- .494
20	239	- .216	.119	- .155	- .715	20	289	- .027	.030	.076	- .165	20	434	- .213	.035	- .104	- .351
20	240	- .275	.158	- .303	- .896	20	290	- .015	.026	.081	- .116	20	435	- .212	.044	- .085	- .465
20	241	- .290	.217	- .508	-1 .035	20	291	- .016	.024	.078	- .151	20	436	- .222	.064	- .054	- .639
20	242	- .355	.159	- .306	- .859	20	292	- .020	.026	.062	- .165	20	437	- .227	.071	- .037	- .939
20	243	- .443	.201	- .047	-1 .228	20	293	- .127	.031	- .008	- .246	20	438	- .240	.046	- .113	- .473
20	244	- .478	.183	- .087	-1 .063	20	294	- .092	.028	.071	- .204	20	439	- .232	.040	- .101	- .465
20	245	- .514	.150	- .056	-1 .287	20	295	- .060	.039	.132	- .207	20	440	- .229	.037	- .130	- .425
20	246	- .521	.121	- .202	-1 .327	20	296	- .075	.039	.099	- .230	20	441	- .276	.061	- .116	- .561
20	247	- .503	.119	- .101	-1 .263	20	297	- .027	.059	.205	- .223	20	442	- .275	.061	- .116	- .568
20	248	- .222	.078	- .021	- .809	20	298	- .132	.074	.179	- .450	20	443	- .296	.066	- .142	- .656
20	249	- .222	.093	- .172	- .710	20	299	- .088	.053	.263	- .277	20	444	- .297	.072	- .035	- .718
20	250	- .240	.122	- .125	- .741	20	300	- .061	.036	.179	- .239	20	445	- .227	.036	- .097	- .411
20	251	- .280	.140	- .113	- .771	20	301	- .001	.029	.142	- .095	20	446	- .217	.033	- .108	- .349
20	252	- .331	.198	- .407	-1 .016	20	302	- .009	.030	.193	- .074	20	447	- .206	.042	- .089	- .394
20	253	- .363	.171	- .278	-1 .214	20	303	- .018	.027	.158	- .055	20	448	- .216	.058	- .063	- .661
20	254	- .398	.175	- .129	-1 .145	20	304	- .001	.024	.142	- .081	20	449	- .225	.069	- .037	- .825
20	255	- .423	.169	- .040	-1 .559	20	305	- .000	.024	.116	- .083	20	450	- .290	.079	- .094	- .789
20	256	- .483	.163	- .014	-1 .352	20	401	- .247	.069	- .013	- .552	20	451	- .275	.061	- .139	- .611
20	257	- .495	.158	- .068	-1 .534	20	402	- .255	.062	- .044	- .548	20	452	- .256	.046	- .118	- .451
20	258	- .464	.151	- .075	-1 .348	20	403	- .263	.068	- .013	- .600	20	453	- .251	.049	- .130	- .513
20	259	- .261	.138	- .200	- .750	20	404	- .267	.090	- .039	- .670	20	454	- .256	.050	- .123	- .465
20	260	- .371	.173	- .120	-1 .160	20	405	- .210	.059	- .017	- .473	20	455	- .247	.055	- .039	- .463
20	261	- .403	.167	- .111	-1 .247	20	406	- .234	.051	- .069	- .452	20	456	- .200	.030	- .111	- .380
20	262	- .177	.050	- .024	- .447	20	407	- .259	.064	- .027	- .534	20	457	- .196	.030	- .108	- .318
20	263	- .167	.062	- .087	- .546	20	408	- .273	.084	- .001	- .618	20	458	- .190	.030	- .097	- .318
20	264	- .174	.082	- .134	- .602	20	409	- .315	.105	- .034	- .838	20	459	- .183	.037	- .073	- .344
20	265	- .238	.124	- .113	- .783	20	410	- .243	.070	- .015	- .606	20	460	- .177	.041	- .020	- .387
20	266	- .346	.154	- .066	- .910	20	411	- .283	.081	- .049	- .622	20	461	- .186	.042	- .051	- .437
20	267	- .417	.165	- .059	-1 .195	20	412	- .222	.050	- .040	- .421	20	462	- .227	.042	- .101	- .406
20	268	- .470	.163	- .000	-1 .357	20	413	- .261	.071	- .010	- .550	20	463	- .258	.046	- .111	- .468
20	269	- .481	.155	- .103	-1 .294	20	414	- .204	.047	- .030	- .381	20	464	- .229	.037	- .130	- .373
20	270	- .476	.135	- .075	-1 .204	20	415	- .215	.056	- .015	- .502	20	465	- .188	.035	- .066	- .363
20	271	- .148	.031	- .009	- .296	20	416	- .177	.046	- .033	- .395	20	466	- .234	.044	- .061	- .434
20	272	- .137	.033	- .035	- .270	20	417	- .167	.047	- .015	- .364	20	467	- .179	.027	- .087	- .287

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	468	-.164	.028	-.054	-.282	20	538	-.400	.079	-.134	-.856	20	602	.008	.035	.124	-.162
20	469	-.151	.029	-.039	-.323	20	539	-.359	.079	-.033	-.757	20	603	.009	.045	.166	-.259
20	470	-.137	.028	-.039	-.251	20	540	-.304	.073	-.002	-.648	20	604	-.007	.048	.119	-.254
20	471	-.122	.036	.011	-.300	20	541	-.262	.059	-.024	-.523	20	605	-.008	.053	.182	-.273
20	472	-.121	.038	-.059	-.521	20	542	-.262	.079	-.028	-.726	20	606	.009	.053	.222	-.256
20	473	-.162	.032	-.050	-.284	20	543	-.226	.041	-.108	-.427	20	607	-.026	.048	.293	-.234
20	474	-.165	.033	-.050	-.296	20	544	-.228	.043	-.094	-.427	20	608	-.000	.020	.094	-.079
20	475	-.152	.030	-.062	-.275	20	545	-.226	.040	-.104	-.424	20	609	.007	.020	.077	-.058
20	476	-.143	.030	-.041	-.268	20	546	-.231	.044	-.114	-.436	20	610	.014	.022	.096	-.058
20	477	-.133	.030	-.022	-.279	20	547	-.127	.125	-.369	-.643	20	611	.022	.025	.108	-.068
20	478	-.123	.031	-.006	-.244	20	548	-.093	.128	-.308	-.604	20	612	.020	.028	.150	-.093
20	479	-.122	.034	-.015	-.261	20	549	-.694	.160	-.308	-1.443	20	613	.006	.029	.098	-.110
20	480	-.121	.032	-.020	-.239	20	550	-.677	.162	-.214	-1.525	20	614	.002	.035	.129	-.143
20	501	-.762	.178	-.144	-1.454	20	551	-.572	.163	-.088	-1.205	20	615	.011	.022	.099	-.057
20	502	-.749	.162	-.123	-1.249	20	552	-.323	.105	-.000	-.732	20	616	.015	.022	.096	-.049
20	503	-.394	.111	-.078	-.905	20	553	-.279	.081	-.021	-.818	20	617	.023	.024	.111	-.057
20	504	-.280	.104	-.160	-.834	20	554	-.261	.065	-.024	-.608	20	618	.036	.025	.151	-.042
20	505	-.245	.093	-.150	-.691	20	555	-.273	.061	-.016	-.538	20	619	.048	.034	.235	-.042
20	506	-.244	.084	-.151	-.660	20	556	-.289	.069	-.137	-.713	20	620	.040	.031	.168	-.056
20	507	-.401	.104	-.061	-.848	20	557	-.308	.083	-.126	-.788	20	621	.039	.030	.223	-.052
20	508	-.404	.109	-.050	-.910	20	558	-.294	.078	-.112	-.648	20	701	-.017	.030	.099	-.247
20	509	-.306	.094	-.137	-.726	20	559	-.305	.092	-.014	-.832	20	702	.163	.066	.520	-.032
20	510	-.293	.099	-.071	-.832	20	560	-.009	.136	-.404	-.699	20	703	.145	.055	.387	-.052
20	511	-.248	.089	-.045	-.658	20	561	-.207	.158	-.949	-.366	20	704	.114	.055	.351	-.182
20	512	-.075	.149	-.544	-.507	20	562	-.108	.260	-.481	-2.075	20	705	.089	.048	.322	-.061
20	513	-.412	.099	-.172	-.933	20	563	-.014	.129	-.481	-.781	20	707	.032	.037	.218	-.126
20	514	-.405	.096	-.158	-1.141	20	564	-.106	.117	-.264	-.741	20	708	.159	.057	.378	-.031
20	515	-.413	.112	-.092	-.943	20	565	-.210	.106	-.212	-.573	20	709	.178	.066	.459	-.036
20	516	-.366	.112	-.087	-.884	20	566	-.294	.075	-.035	-.604	20	710	.185	.073	.565	-.002
20	517	-.257	.068	-.016	-.584	20	567	-.242	.058	-.044	-.541	20	711	.200	.083	.617	-.005
20	518	-.284	.082	-.038	-.617	20	568	-.249	.057	-.093	-.543	20	712	.146	.068	.459	-.009
20	519	-.217	.050	-.009	-.417	20	569	-.240	.049	-.093	-.457	20	713	.109	.056	.426	-.033
20	520	-.251	.061	-.064	-.568	20	570	-.253	.055	-.100	-.468	20	714	.017	.043	.196	-.170
20	521	-.210	.046	-.031	-.394	20	571	-.005	.125	-.397	-.800	20	801	-.213	.034	-.104	-.376
20	522	-.218	.055	-.002	-.427	20	572	.003	.132	-.406	-.734	20	802	-.105	.042	-.113	-.253
20	523	-.175	.111	-.245	-.582	20	573	.060	.050	-.327	-.112	20	803	-.168	.067	.054	-.481
20	524	-.116	.147	-.342	-.606	20	574	.071	.058	-.345	-.161	20	901	-.244	.047	-.100	-.632
20	525	-.412	.101	-.151	-.917	20	575	.108	.059	-.345	-.142	20	902	-.282	.070	.059	-.622
20	526	-.390	.095	-.105	-.838	20	576	.122	.063	-.369	-.100	20	903	-.351	.094	.050	-.837
20	527	-.391	.099	-.090	-1.011	20	577	.103	.074	-.360	-.177	20	904	-.406	.092	-.105	-.863
20	528	-.351	.109	-.042	-1.004	20	578	.014	.110	-.301	-.685	20	905	.119	.155	.825	-.672
20	529	-.293	.090	-.080	-1.039	20	579	.095	.091	-.425	-.319	20	906	.248	.087	.725	-.055
20	530	-.263	.090	-.106	-.731	20	580	.179	.076	-.501	-.627	20	907	.137	.061	.391	-.062
20	531	-.264	.093	-.052	-.787	20	581	.179	.075	-.608	-.007	20	908	.183	.061	.431	-.024
20	532	-.201	.037	-.026	-.370	20	582	.172	.076	-.560	-.052	20	909	.170	.073	.498	-.055
20	533	-.210	.043	-.045	-.377	20	583	.131	.062	-.364	-.168	20	910	.114	.064	.422	-.064
20	534	-.178	.128	-.304	-.740	20	584	.214	.074	-.506	-.028	20	911	-.290	.068	-.041	-.584
20	535	-.116	.136	-.299	-.606	20	585	.213	.082	-.632	-.004	20	912	-.157	.069	.407	-.050
20	536	-.445	.090	-.172	-.943	20	586	.226	.082	-.550	-.021	20	913	-.285	.080	-.115	-1.080
20	537	-.389	.074	-.192	-.882	20	601	-.007	.031	-.121	-.177	20	914	-.279	.077	-.026	-.696

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	915	-.359	.081	-.036	-.727	20	1201	-.361	.087	-.089	-.891	30	126	-.407	.110	.008	-1.015
20	916	-.483	.120	-.110	-1.011	20	1202	-.312	.075	-.049	-.786	30	127	-.410	.143	.356	-.836
20	917	-.429	.121	-.012	-1.166	20	1203	-.286	.078	-.009	-.688	30	128	-.189	.196	.687	-.759
20	918	-.309	.097	.684	.050	20	1204	-.397	.106	-.138	-.887	30	129	-.297	.144	.723	-.119
20	919	-.185	.060	.438	.040	20	1205	-.431	.099	-.138	-1.090	30	130	.421	.164	1.015	-.037
20	920	-.188	.059	.431	.028	20	1206	-.115	.218	.625	-.859	30	131	.466	.170	1.011	.049
20	921	-.178	.042	.341	.031	20	1207	-.263	.140	.829	-.388	30	132	.419	.157	1.960	.001
20	922	-.125	.036	.274	.028	20	1208	.070	.101	.510	-.306	30	133	.295	.128	.766	-.061
20	923	-.023	.018	.031	-.091	20	1209	-.459	.109	-.139	-1.108	30	134	-.272	.152	.299	-.828
20	924	-.096	.031	.045	-.248	20	1210	-.443	.123	-.145	-1.188	30	135	-.430	.123	-.054	-.935
20	925	-.106	.029	.248	.028	20	1211	-.457	.140	-.157	-1.064	30	136	-.415	.157	.275	-.989
20	926	-.063	.031	.079	-.205	20	1301	-.258	.079	-.042	-.922	30	137	-.223	.206	.653	-.860
20	927	-.024	.022	.090	-.084	20	1302	-.221	.046	-.070	-.421	30	138	-.165	.145	.704	-.255
20	928	-.150	.046	.043	-.339	20	1303	-.245	.058	-.096	-.538	30	139	.298	.160	1.068	-.123
20	929	-.176	.053	.012	-.443	20	1304	-.296	.104	.011	-.994	30	140	.351	.150	.857	-.013
20	930	-.477	.093	-.186	-.870	20	1305	-.237	.061	-.065	-.599	30	141	.327	.153	.927	-.025
20	931	-.294	.068	-.067	-.625	20	1306	-.249	.068	-.047	-.582	30	142	.218	.132	.836	-.140
20	932	-.278	.114	.891	.028	20	1307	-.255	.126	.414	-.713	30	143	-.175	.155	.323	-.694
20	933	.138	.072	.484	-.038	20	1308	-.275	.088	.187	-.695	30	144	-.388	.156	-.013	-1.008
20	934	.146	.067	.486	-.031	20	1309	-.343	.109	.015	-.921	30	145	-.307	.206	.430	-1.044
20	935	.137	.060	.443	-.005	20	1310	-.289	.100	.084	-.917	30	146	-.115	.243	.694	-.946
20	936	.090	.054	.377	-.110	20	1311	-.310	.080	-.079	-.706	30	147	.014	.098	.550	-.308
20	937	-.251	.085	.005	-.660	20	1312	-.314	.106	.045	-.873	30	148	.110	.100	.486	-.157
20	938	-.374	.105	-.014	-.799	20	1313	-.276	.091	.049	-.702	30	149	.174	.098	.656	-.089
20	939	-.096	.055	.343	-.055	20	1314	-.265	.085	-.044	-.788	30	150	.199	.100	.777	-.067
20	940	-.134	.085	.107	-.477	30	101	.482	.203	1.091	-.345	30	151	.203	.104	.642	-.082
20	941	-.500	.100	-.169	-.861	30	102	.439	.196	1.095	-.397	30	152	.073	.124	.506	-.476
20	942	-.180	.087	.071	-.653	30	103	.251	.149	.760	-.385	30	153	-.135	.176	.317	-1.105
20	943	-.260	.133	.229	-.884	30	104	-.129	.221	.759	-.852	30	154	.246	.225	1.060	-.399
20	944	-.351	.199	.269	-1.354	30	105	-.124	.195	.567	-.929	30	155	.182	.162	.862	-.418
20	945	-.403	.156	.207	-.882	30	106	-.418	.120	.241	-.934	30	156	.165	.093	.610	-.075
20	946	-.526	.103	-.191	-.894	30	107	-.149	.149	.435	-.574	30	157	.071	.107	.506	-.283
20	947	.211	.111	.781	-.032	30	108	-.214	.114	.224	-.656	30	158	-.150	.140	.407	-1.035
20	948	.134	.066	.390	-.041	30	109	-.415	.118	-.099	-1.162	30	159	-.034	.106	.567	-.479
20	949	.105	.058	.399	-.025	30	110	-.394	.095	-.073	-.831	30	160	.065	.090	.518	-.312
20	950	.100	.052	.308	-.036	30	111	-.313	.150	.924	-.164	30	161	.100	.070	.373	-.142
20	951	.051	.043	.311	-.064	30	112	-.364	.149	.848	-.066	30	162	-.044	.066	.271	-.370
20	1101	-.360	.080	-.164	-.718	30	113	-.344	.151	.862	-.111	30	163	.022	.050	.298	-.147
20	1102	-.344	.078	-.166	-.737	30	114	-.312	.145	.987	-.135	30	164	.084	.056	.421	-.072
20	1103	-.330	.081	-.110	-.674	30	115	-.231	.124	.701	-.116	30	165	.116	.061	.392	-.067
20	1104	-.367	.165	.084	-1.027	30	116	-.212	.119	.260	-.802	30	166	.119	.070	.443	-.048
20	1105	-.071	.155	.681	-.461	30	117	-.488	.142	-.075	-1.078	30	167	.100	.066	.404	-.104
20	1106	-.140	.213	.681	-.964	30	118	-.213	.219	.776	-.850	30	168	.002	.074	.390	-.295
20	1107	-.158	.130	.683	-.472	30	119	-.102	.258	.922	-.672	30	169	-.114	.124	.223	-.701
20	1108	-.150	.142	.712	-.292	30	120	-.313	.146	.819	-.195	30	170	-.127	.072	.465	-.096
20	1109	.002	.094	.433	-.302	30	121	-.452	.163	.975	-.025	30	171	-.051	.083	.345	-.495
20	1110	-.421	.098	-.192	-.901	30	122	-.473	.173	.999	.040	30	172	.133	.076	.534	-.041
20	1111	-.307	.083	-.068	-.727	30	123	-.433	.159	.956	.020	30	173	.194	.093	.599	-.001
20	1112	-.331	.072	-.173	-.613	30	124	-.320	.144	.783	-.071	30	174	.236	.093	.694	.032
20	1113	-.399	.111	-.021	-.912	30	125	-.255	.143	.234	-.732	30	175	.222	.091	.668	.016

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	176	.196	.083	.592	-.011	30	248	-.180	.034	-.072	-.367	30	298	-.050	.054	.192	-.304
30	177	.164	.079	.548	-.034	30	249	-.152	.035	-.006	-.341	30	299	-.017	.047	.284	-.180
30	178	.152	.063	.458	-.015	30	250	-.109	.045	.086	-.478	30	300	-.010	.036	.230	-.149
30	201	-.149	.058	.079	-.378	30	251	-.123	.061	.164	-.663	30	301	.012	.025	.110	-.071
30	202	-.110	.071	.200	-.453	30	252	-.053	.115	.570	-.639	30	302	.014	.026	.140	-.088
30	203	.012	.138	.408	-.499	30	253	-.045	.110	.306	-.849	30	303	.013	.024	.100	-.053
30	204	-.284	.094	-.018	-.714	30	254	-.065	.124	.214	-.906	30	304	.010	.021	.119	-.060
30	205	-.430	.225	.062	-1.174	30	255	-.125	.147	.237	-.847	30	305	.008	.023	.122	-.069
30	206	-.631	.217	.155	-1.376	30	256	-.307	.215	.173	-1.459	30	401	-.246	.076	-.038	-.769
30	207	-.285	.068	-.086	-.558	30	257	-.380	.180	.190	-1.369	30	402	-.277	.067	-.079	-.534
30	208	.306	.084	-.060	-.740	30	258	-.397	.160	.185	-1.364	30	403	-.268	.064	-.065	-.486
30	209	-.213	.094	.027	-.651	30	259	-.113	.059	.195	-.434	30	404	-.254	.074	-.034	-.620
30	210	.138	.072	.078	-.637	30	260	-.109	.126	.209	-.852	30	405	-.211	.053	-.034	-.540
30	211	-.105	.089	.111	-.565	30	261	-.129	.155	.159	-.899	30	406	-.254	.058	-.088	-.502
30	212	-.070	.226	.632	-1.065	30	262	-.150	.034	-.006	-.318	30	407	-.302	.063	-.090	-.552
30	213	-.322	.146	.326	-.908	30	263	-.125	.033	.025	-.259	30	408	-.287	.072	-.067	-.761
30	214	-.367	.136	.239	-.850	30	264	-.098	.038	.051	-.308	30	409	-.296	.084	-.004	-.881
30	215	.158	.039	.041	-.347	30	265	-.081	.047	.117	-.377	30	410	-.226	.053	-.045	-.504
30	216	-.137	.039	.027	-.350	30	266	-.096	.076	.136	-.573	30	411	-.268	.064	-.067	-.605
30	217	-.141	.039	.097	-.354	30	267	-.124	.104	.218	-.667	30	412	-.247	.053	-.079	-.532
30	218	-.182	.054	.113	-.436	30	268	-.211	.139	.223	-1.163	30	413	-.279	.067	-.058	-.590
30	219	.099	.144	.590	-.476	30	269	-.285	.150	.216	-1.170	30	414	-.214	.049	-.055	-.428
30	220	-.088	.094	.380	-.518	30	270	-.292	.131	.036	-.922	30	415	-.232	.057	-.082	-.503
30	221	-.106	.080	.118	-.770	30	271	-.109	.032	.001	-.266	30	416	-.174	.037	-.043	-.338
30	222	-.121	.090	.106	-.747	30	272	-.095	.029	.034	-.200	30	417	-.162	.040	-.019	-.300
30	223	-.248	.175	.137	-.887	30	273	-.082	.032	.032	-.230	30	418	-.165	.041	-.038	-.297
30	224	-.445	.205	.158	-1.240	30	274	-.076	.035	.117	-.221	30	419	-.165	.041	-.003	-.321
30	225	-.488	.204	.354	-1.490	30	275	-.077	.048	.079	-.349	30	420	-.247	.055	-.055	-.510
30	226	-.166	.031	-.055	-.284	30	276	-.115	.067	.103	-.398	30	421	-.234	.046	-.079	-.469
30	227	.133	.032	.036	-.368	30	277	-.165	.111	.152	-.755	30	422	-.231	.042	-.050	-.404
30	228	-.095	.039	.139	-.424	30	278	-.213	.116	.091	-.868	30	423	-.210	.038	-.084	-.384
30	229	-.093	.054	.118	-.450	30	279	-.208	.109	.072	-.866	30	424	-.231	.044	-.084	-.392
30	230	-.137	.149	.632	-.586	30	280	-.018	.049	.145	-.337	30	425	-.190	.031	-.095	-.313
30	231	-.047	.111	.391	-.602	30	281	-.010	.036	.145	-.162	30	426	-.181	.033	-.064	-.339
30	232	-.102	.100	.130	-.852	30	282	-.011	.031	.119	-.226	30	427	-.175	.033	-.057	-.320
30	233	-.108	.116	.148	-.766	30	283	-.013	.025	.091	-.143	30	428	-.178	.034	-.047	-.305
30	234	-.270	.238	.244	-1.252	30	284	-.008	.026	.077	-.140	30	429	-.264	.053	-.095	-.585
30	235	-.459	.196	.366	-1.345	30	285	-.150	.081	.091	-.464	30	430	-.255	.045	-.103	-.460
30	236	-.457	.166	.281	-1.420	30	286	-.059	.051	.107	-.361	30	431	-.237	.040	-.132	-.402
30	237	-.184	.032	.034	-.331	30	287	-.017	.037	.110	-.239	30	432	-.245	.043	-.136	-.564
30	238	-.148	.033	.011	-.385	30	288	.004	.027	.117	-.229	30	433	-.255	.041	-.139	-.450
30	239	-.102	.043	.074	-.367	30	289	.000	.026	.093	-.158	30	434	-.217	.031	-.129	-.339
30	240	-.094	.058	.140	-.422	30	290	.004	.025	.098	-.126	30	435	-.208	.032	-.112	-.409
30	241	.044	.155	.617	-.618	30	291	.002	.022	.115	-.069	30	436	-.202	.031	-.107	-.366
30	242	-.050	.123	.341	-.618	30	292	-.001	.022	.089	-.088	30	437	-.203	.031	-.107	-.359
30	243	-.091	.133	.162	-.819	30	293	-.126	.032	.034	-.288	30	438	-.251	.046	-.124	-.474
30	244	-.131	.159	.230	-.878	30	294	-.069	.028	.056	-.166	30	439	-.243	.042	-.112	-.438
30	245	-.282	.241	.388	-1.203	30	295	-.021	.041	.178	-.123	30	440	-.236	.036	-.146	-.409
30	246	-.414	.176	.275	-1.069	30	296	-.031	.036	.192	-.135	30	441	-.289	.065	-.115	-.588
30	247	-.394	.165	.277	-.989	30	297	.001	.048	.315	-.161	30	442	-.294	.070	-.127	-.614

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	443	- .316	.069	- .161	- .730	30	513	- .392	.106	- .124	-1.059	30	563	- .049	.097	.284	- .629
30	444	- .312	.074	- .088	- .670	30	514	- .381	.094	- .086	-1.078	30	564	- .127	.099	.183	- .791
30	445	- .222	.036	- .115	- .407	30	515	- .371	.102	- .003	- .846	30	565	- .230	.099	.148	- .622
30	446	- .213	.033	- .093	- .337	30	516	- .344	.099	- .011	- .907	30	566	- .265	.072	- .065	- .599
30	447	- .198	.037	- .095	- .470	30	517	- .245	.053	- .062	- .466	30	567	- .229	.054	- .061	- .535
30	448	- .196	.037	- .093	- .518	30	518	- .273	.066	- .057	- .599	30	568	- .232	.061	- .094	- .512
30	449	- .199	.039	- .088	- .540	30	519	- .227	.049	- .050	- .440	30	569	- .225	.048	- .084	- .444
30	450	- .282	.071	- .066	- .752	30	520	- .263	.061	- .062	- .509	30	570	- .234	.059	- .056	- .533
30	451	- .284	.056	- .144	- .556	30	521	- .228	.047	- .067	- .380	30	571	- .075	.099	- .259	- .843
30	452	- .263	.046	- .122	- .491	30	522	- .232	.054	- .050	- .532	30	572	- .063	.109	.221	- .732
30	453	- .227	.046	- .122	- .450	30	523	- .397	.134	- .041	-1.219	30	573	- .042	.044	.273	- .131
30	454	- .233	.048	- .117	- .474	30	524	- .308	.116	- .206	- .691	30	574	- .047	.046	.261	- .152
30	455	- .235	.051	- .035	- .489	30	525	- .388	.122	- .126	-1.276	30	575	- .066	.062	.343	- .204
30	456	- .195	.031	- .047	- .313	30	526	- .325	.093	- .033	- .983	30	576	- .075	.064	.381	- .145
30	457	- .192	.032	- .103	- .325	30	527	- .330	.088	- .069	- .853	30	577	- .066	.066	.341	- .210
30	458	- .187	.034	- .083	- .414	30	528	- .331	.102	- .071	- .981	30	578	- .076	.120	.249	-1.003
30	459	- .172	.034	- .074	- .383	30	529	- .279	.076	- .011	- .701	30	579	- .026	.086	.348	- .418
30	460	- .170	.044	- .042	- .537	30	530	- .269	.078	- .116	- .644	30	580	- .120	.068	.411	- .087
30	461	- .171	.042	- .057	- .634	30	531	- .270	.084	- .011	- .756	30	581	- .110	.066	.391	- .064
30	462	- .205	.040	- .052	- .429	30	532	- .200	.037	- .084	- .338	30	582	- .107	.062	.351	- .064
30	463	- .238	.046	- .110	- .445	30	533	- .218	.039	- .086	- .378	30	583	- .051	.079	.306	- .338
30	464	- .209	.034	- .093	- .332	30	534	- .391	.124	- .015	- .850	30	584	- .142	.060	.449	- .021
30	465	- .172	.037	- .035	- .375	30	535	- .363	.143	- .289	- .874	30	585	- .139	.068	.444	- .026
30	466	- .227	.056	- .025	- .501	30	536	- .390	.090	- .088	- .853	30	586	- .146	.068	.475	- .023
30	467	- .177	.036	- .045	- .334	30	537	- .358	.079	- .086	- .741	30	601	- .005	.031	.125	- .237
30	468	- .171	.038	- .071	- .356	30	538	- .358	.079	- .036	- .789	30	602	- .010	.035	.151	- .253
30	469	- .158	.033	- .052	- .315	30	539	- .336	.075	- .060	- .725	30	603	- .011	.033	.134	- .178
30	470	- .141	.034	- .042	- .308	30	540	- .306	.073	- .046	- .658	30	604	- .011	.039	.132	- .239
30	471	- .112	.035	- .004	- .335	30	541	- .275	.058	- .103	- .589	30	605	- .008	.043	.144	- .242
30	472	- .110	.042	- .030	- .390	30	542	- .265	.073	- .048	- .696	30	606	- .013	.043	.160	- .279
30	473	- .160	.033	- .013	- .283	30	543	- .231	.039	- .110	- .397	30	607	- .026	.041	.187	- .176
30	474	- .181	.045	- .050	- .370	30	544	- .236	.039	- .098	- .442	30	608	- .009	.020	.095	- .046
30	475	- .170	.040	- .057	- .359	30	545	- .230	.039	- .079	- .430	30	609	- .014	.021	.097	- .058
30	476	- .154	.040	- .022	- .443	30	546	- .248	.042	- .119	- .434	30	610	- .021	.022	.093	- .049
30	477	- .136	.040	- .025	- .417	30	547	- .335	.135	- .045	- .862	30	611	- .025	.025	.128	- .063
30	478	- .136	.038	- .002	- .309	30	548	- .278	.150	- .191	- .850	30	612	- .027	.027	.152	- .061
30	479	- .133	.039	- .027	- .349	30	549	- .598	.151	- .225	-1.552	30	613	- .021	.029	.142	- .117
30	480	- .131	.038	- .004	- .384	30	550	- .538	.137	- .134	-1.162	30	614	- .021	.029	.126	- .098
30	501	- .525	.139	- .155	-1.114	30	551	- .500	.146	- .042	-1.125	30	615	- .013	.020	.116	- .051
30	502	- .548	.137	- .138	-1.126	30	552	- .358	.116	- .014	- .866	30	616	- .016	.020	.108	- .053
30	503	- .437	.144	- .079	-1.090	30	553	- .292	.088	- .014	- .641	30	617	- .019	.022	.108	- .058
30	504	- .268	.077	- .003	- .661	30	554	- .270	.079	- .012	- .812	30	618	- .026	.023	.129	- .058
30	505	- .258	.087	- .034	- .693	30	555	- .277	.069	- .035	- .770	30	619	- .035	.029	.155	- .054
30	506	- .264	.087	- .022	- .737	30	556	- .298	.070	- .108	- .592	30	620	- .027	.027	.172	- .052
30	507	- .369	.090	- .088	- .777	30	557	- .323	.086	- .155	- .555	30	621	- .028	.026	.145	- .057
30	508	- .380	.103	- .088	- .926	30	558	- .288	.075	- .063	- .646	30	701	- .002	.028	.138	- .148
30	509	- .283	.072	- .062	- .658	30	559	- .292	.098	- .071	- .824	30	702	- .095	.051	.310	- .154
30	510	- .278	.082	- .009	- .694	30	560	- .176	.180	- .308	-1.061	30	703	- .110	.049	.310	- .054
30	511	- .407	.116	- .062	- .850	30	561	- .137	.180	- .886	- .526	30	704	- .079	.047	.279	- .115
30	512	- .256	.143	- .510	- .737	30	562	- .098	.158	- .303	-1.320	30	705	- .067	.045	.288	- .132

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	707	.030	.040	.235	-.139	30	940	-.164	.077	-.142	-.408	40	101	.459	.208	1.047	-.545
30	708	.119	.052	.367	-.014	30	941	-.372	.102	-.004	-.913	40	102	.349	.187	.920	-.417
30	709	.130	.054	.424	.010	30	942	-.233	.072	-.025	-.516	40	103	.141	.138	.626	-.452
30	710	.133	.065	.439	-.004	30	943	-.401	.140	.097	-1.057	40	104	.067	.254	.910	-.756
30	711	.160	.076	.548	-.004	30	944	-.032	.132	.387	-.927	40	105	.308	.203	.984	-.318
30	712	.144	.069	.467	.003	30	945	-.084	.122	.336	-.587	40	106	-.260	.289	.770	-.924
30	713	.108	.057	.379	-.028	30	946	-.431	.118	-.073	-.896	40	107	-.154	.144	.528	-.781
30	714	.046	.041	.251	-.076	30	947	.188	.095	.660	-.032	40	108	-.208	.112	.372	-.616
30	801	-.183	.040	-.057	-.394	30	948	.093	.055	.382	-.043	40	109	-.379	.087	-.100	-.793
30	802	-.041	.036	.141	-.156	30	949	.105	.053	.380	-.022	40	110	-.405	.086	-.190	-.783
30	803	-.060	.048	.113	-.366	30	950	.065	.044	.314	-.050	40	111	.409	.165	.990	-.141
30	901	-.247	.068	-.042	-.762	30	951	.026	.035	.235	-.081	40	112	.359	.168	.934	-.136
30	902	-.263	.058	-.011	-.528	30	1101	-.315	.070	-.093	-.598	40	113	.284	.141	.811	-.153
30	903	-.301	.079	-.073	-.710	30	1102	-.330	.078	-.141	-.786	40	114	.249	.130	.823	-.127
30	904	-.365	.083	-.085	-.820	30	1103	-.315	.083	-.110	-.730	40	115	.145	.112	.518	-.269
30	905	.011	.160	.633	.721	30	1104	-.342	.160	-.116	-.982	40	116	-.379	.124	.079	-.856
30	906	.169	.069	.518	-.008	30	1105	-.061	.157	.672	-.348	40	117	-.636	.176	-.228	-1.364
30	907	.089	.046	.308	-.047	30	1106	-.127	.216	.722	-.859	40	118	-.361	.178	-.335	-1.011
30	908	.124	.054	.418	-.008	30	1107	-.140	.144	.755	-.346	40	119	-.165	.230	.816	-.752
30	909	.098	.067	.406	-.094	30	1108	.137	.158	.896	-.447	40	120	.451	.166	1.002	-.047
30	910	.065	.058	.305	-.087	30	1109	-.012	.093	.371	-.268	40	121	.481	.186	1.007	-.066
30	911	-.273	.069	.011	-.623	30	1110	-.365	.092	-.117	-.800	40	122	.466	.169	.988	.007
30	912	.079	.058	.308	.121	30	1111	-.309	.081	-.115	-.704	40	123	.355	.156	.876	-.122
30	913	-.312	.086	-.135	-.920	30	1112	-.301	.061	-.108	-.548	40	124	.173	.123	.632	-.216
30	914	-.263	.076	-.114	-.552	30	1113	-.341	.112	-.053	-.784	40	125	-.437	.122	-.084	-.926
30	915	-.290	.075	-.035	-.779	30	1201	-.317	.082	-.117	-.852	40	126	-.530	.138	-.144	-1.263
30	916	-.320	.095	-.047	-.779	30	1202	-.269	.076	-.027	-.694	40	127	-.484	.138	.460	-.982
30	917	-.324	.093	-.006	-.846	30	1203	-.257	.067	-.025	-.562	40	128	-.372	.179	.617	-.846
30	918	.238	.083	.621	.051	30	1204	-.322	.090	-.056	-.798	40	129	.412	.164	.939	-.051
30	919	.135	.049	.408	.004	30	1205	-.358	.086	-.068	-.899	40	130	.452	.177	1.060	-.119
30	920	.166	.053	.427	.030	30	1206	-.133	.184	.536	-.824	40	131	.413	.171	1.007	-.039
30	921	.138	.032	.267	.040	30	1207	.162	.150	.896	-.513	40	132	.329	.158	.891	-.085
30	922	.087	.034	.370	-.023	30	1208	.029	.105	.486	-.388	40	133	.158	.123	.627	-.168
30	923	-.038	.021	.025	-.121	30	1209	-.397	.109	-.121	-1.233	40	134	-.439	.120	.045	-.870
30	924	-.126	.039	.008	-.291	30	1210	-.398	.120	-.126	-1.001	40	135	-.499	.120	-.170	-1.103
30	925	.075	.025	.183	-.008	30	1211	-.400	.148	-.013	-1.274	40	136	-.501	.136	.012	-1.040
30	926	-.058	.034	.099	-.221	30	1301	-.246	.073	-.037	-.770	40	137	-.429	.159	.440	-.984
30	927	.015	.027	.097	-.118	30	1302	-.207	.046	-.063	-.437	40	138	.290	.159	.799	-.117
30	928	-.157	.048	.035	-.382	30	1303	-.231	.061	-.056	-.532	40	139	.293	.157	.905	-.081
30	929	-.147	.054	.023	-.386	30	1304	-.259	.088	-.020	-.833	40	140	.304	.157	1.012	-.054
30	930	-.432	.102	-.135	-.863	30	1305	-.227	.060	-.065	-.609	40	141	.252	.139	.893	-.049
30	931	.261	.077	.028	-.547	30	1306	-.237	.072	-.013	-.558	40	142	.107	.111	.566	-.194
30	932	.211	.095	.652	.018	30	1307	-.250	.103	.453	-.734	40	143	-.342	.133	.261	-.863
30	933	.110	.062	.401	-.027	30	1308	-.257	.083	.041	-.678	40	144	-.485	.140	.051	-1.093
30	934	.141	.069	.470	-.030	30	1309	-.297	.106	.029	-1.159	40	145	-.454	.178	.242	-1.367
30	935	.088	.049	.372	-.090	30	1310	-.262	.085	-.036	-.949	40	146	-.343	.224	.753	-1.200
30	936	.047	.043	.243	-.080	30	1311	-.261	.075	-.035	-.694	40	147	.101	.102	.620	-.228
30	937	-.148	.067	.073	-.418	30	1312	-.275	.091	-.006	-.821	40	148	.139	.105	.702	-.131
30	938	-.231	.088	.011	-.710	30	1313	-.255	.097	-.038	-.779	40	149	.161	.109	.740	-.086
30	939	.055	.046	.272	-.094	30	1314	-.256	.080	-.046	-.678	40	150	.138	.092	.555	-.081



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	151	.093	.084	.328	-.152	40	223	.010	.091	.275	-.736	40	273	-.052	.028	.058	-.163
40	152	-.092	.126	.391	-.613	40	224	-.085	.199	.409	-.950	40	274	-.025	.033	.115	-.142
40	153	-.361	.220	.178	-1.224	40	225	-.211	.219	.541	-.943	40	275	-.018	.034	.120	-.139
40	154	.146	.239	.012	-.601	40	226	-.155	.034	-.038	-.273	40	276	-.010	.043	.189	-.241
40	155	.171	.176	.924	-.608	40	227	-.102	.038	.073	-.294	40	277	-.024	.054	.189	-.389
40	156	.055	.083	.445	-.232	40	228	-.029	.053	.179	-.278	40	278	-.046	.071	.236	-.515
40	157	-.044	.088	.313	-.447	40	229	-.024	.064	.254	-.273	40	279	-.063	.073	.179	-.508
40	158	-.209	.118	.144	-.784	40	230	-.242	.148	.783	-.143	40	280	.002	.047	.234	-.244
40	159	.129	.079	.459	-.562	40	231	.009	.121	.790	-.329	40	281	.004	.037	.203	-.206
40	160	.055	.070	.335	-.379	40	232	.020	.070	.329	-.209	40	282	.002	.032	.191	-.168
40	161	.002	.063	.264	-.203	40	233	.035	.071	.409	-.400	40	283	.003	.025	.125	-.137
40	162	.029	.062	.415	-.213	40	234	.106	.121	.445	-.614	40	284	.009	.030	.142	-.183
40	163	.063	.065	.415	-.154	40	235	-.082	.271	.576	-1.129	40	285	-.023	.047	.154	-.202
40	164	.072	.061	.494	-.078	40	236	-.129	.243	.642	-.868	40	286	-.002	.035	.149	-.225
40	165	.080	.059	.381	-.071	40	237	-.170	.031	-.031	-.280	40	287	.010	.030	.112	-.169
40	166	.060	.057	.447	-.088	40	238	-.116	.034	.085	-.219	40	288	.014	.027	.121	-.150
40	167	.022	.048	.271	-.125	40	239	-.046	.044	.117	-.194	40	289	.015	.026	.133	-.107
40	168	.090	.066	.181	-.386	40	240	-.024	.060	.243	-.379	40	290	.015	.024	.107	-.074
40	169	.211	.129	.200	-.843	40	241	.208	.141	.659	-.149	40	291	.013	.022	.116	-.060
40	170	.037	.066	.342	-.164	40	242	.048	.083	.564	-.225	40	292	.014	.022	.114	-.114
40	171	.044	.052	.314	-.121	40	243	.064	.068	.334	-.182	40	293	-.121	.040	.010	-.298
40	172	.128	.086	.580	-.037	40	244	.071	.071	.341	-.334	40	294	.034	.034	.145	-.131
40	173	.149	.088	.552	-.023	40	245	.087	.151	.524	-.740	40	295	.015	.047	.286	-.093
40	174	.164	.089	.628	-.006	40	246	.040	.277	.586	-1.109	40	296	.014	.045	.225	-.093
40	175	.159	.091	.658	-.025	40	247	-.087	.240	.730	-.821	40	297	.024	.045	.317	-.152
40	176	.126	.073	.533	-.037	40	248	-.159	.033	-.049	-.310	40	298	.007	.039	.213	-.112
40	177	.096	.065	.411	-.046	40	249	-.116	.034	.067	-.225	40	299	.022	.036	.241	-.096
40	178	.070	.049	.241	-.065	40	250	-.057	.042	.139	-.211	40	300	.020	.032	.178	-.065
40	201	-.135	.068	.237	-.418	40	251	-.061	.053	.184	-.275	40	301	.024	.027	.175	-.063
40	202	-.101	.077	.355	-.379	40	252	.036	.084	.426	-.196	40	302	.019	.025	.138	-.110
40	203	.021	.131	.419	-.473	40	253	.082	.071	.384	-.187	40	303	.016	.024	.157	-.053
40	204	-.175	.073	.094	-.506	40	254	.069	.068	.324	-.284	40	304	.016	.023	.121	-.063
40	205	-.079	.140	.301	-.868	40	255	.061	.073	.341	-.334	40	305	.017	.022	.114	-.074
40	206	-.193	.300	.438	-1.135	40	256	.028	.146	.388	-.748	40	401	-.232	.069	-.068	-.662
40	207	-.325	.082	.078	-.652	40	257	-.117	.237	.624	-.978	40	402	-.272	.069	-.046	-.535
40	208	-.371	.109	.078	-.790	40	258	-.078	.223	.640	-.824	40	403	-.255	.061	-.044	-.540
40	209	-.319	.107	.021	-.800	40	259	-.052	.055	.153	-.282	40	404	-.240	.066	-.063	-.517
40	210	-.148	.092	.120	-.581	40	260	.024	.090	.319	-.584	40	405	-.211	.052	-.041	-.406
40	211	-.181	.135	.146	-.623	40	261	.046	.076	.384	-.434	40	406	-.267	.061	-.055	-.510
40	212	.258	.155	.821	-.320	40	262	-.130	.033	.003	-.265	40	407	-.312	.074	-.098	-.595
40	213	.048	.229	.699	-.614	40	263	-.097	.032	.065	-.201	40	408	-.288	.073	-.070	-.571
40	214	.081	.299	.764	-.781	40	264	-.052	.035	.144	-.187	40	409	-.290	.083	-.060	-.739
40	215	-.162	.042	.009	-.339	40	265	.024	.039	.193	-.189	40	410	-.230	.057	-.038	-.497
40	216	-.128	.042	.068	-.306	40	266	-.007	.047	.269	-.253	40	411	-.267	.059	-.112	-.613
40	217	-.112	.047	.068	-.273	40	267	.002	.058	.246	-.339	40	412	-.249	.055	-.071	-.472
40	218	-.134	.055	.061	-.374	40	268	-.015	.106	.386	-.508	40	413	-.276	.066	-.103	-.582
40	219	.166	.136	.619	-.245	40	269	-.095	.155	.422	-.826	40	414	-.229	.050	-.066	-.503
40	220	-.055	.136	.572	-.489	40	270	-.133	.147	.393	-.729	40	415	-.221	.053	-.073	-.589
40	221	-.064	.058	.172	-.332	40	271	-.114	.035	.013	-.272	40	416	-.187	.044	-.005	-.352
40	222	.013	.082	.278	-.299	40	272	-.088	.031	.029	-.222	40	417	-.185	.046	-.020	-.349

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
40	418	-187	.048	-.020	-.381	40	468	-.203	.049	-.072	-.467	40	538	-.342	.097	-.067	-.950
40	419	-186	.047	-.012	-.379	40	469	-.191	.045	-.063	-.397	40	539	-.326	.083	-.076	-.677
40	420	-250	.052	-.088	-.511	40	470	-.165	.044	-.004	-.370	40	540	-.293	.075	-.071	-.710
40	421	-238	.044	-.098	-.398	40	471	-.148	.048	-.065	-.355	40	541	-.299	.068	-.095	-.587
40	422	-229	.042	-.088	-.398	40	472	-.147	.052	-.004	-.387	40	542	-.288	.081	-.057	-.746
40	423	-208	.037	-.081	-.374	40	473	-.177	.049	-.037	-.519	40	543	-.233	.037	-.105	-.373
40	424	-223	.043	-.110	-.428	40	474	-.235	.072	-.011	-.757	40	544	-.236	.040	-.121	-.409
40	425	-197	.035	-.058	-.333	40	475	-.210	.063	-.046	-.531	40	545	-.230	.042	-.109	-.442
40	426	-192	.036	-.075	-.370	40	476	-.199	.070	-.032	-.753	40	546	-.237	.041	-.122	-.411
40	427	-190	.036	-.050	-.353	40	477	-.174	.052	-.032	-.597	40	547	-.456	.141	-.023	-.970
40	428	-189	.038	-.058	-.409	40	478	-.173	.053	-.023	-.463	40	548	-.422	.150	-.032	-1.006
40	429	-272	.055	-.128	-.511	40	479	-.174	.062	-.023	-.696	40	549	-.514	.148	-.143	-1.229
40	430	-252	.044	-.099	-.450	40	480	-.175	.058	-.041	-.505	40	550	-.480	.134	-.101	-1.276
40	431	-236	.040	-.124	-.414	40	501	-.448	.094	-.169	-1.009	40	551	-.448	.133	-.082	-1.069
40	432	-244	.039	-.133	-.414	40	502	-.471	.093	-.166	-.893	40	552	-.367	.111	-.103	-.961
40	433	-246	.039	-.136	-.423	40	503	-.469	.124	-.067	-1.035	40	553	-.288	.090	-.014	-.768
40	434	-213	.032	-.114	-.350	40	504	-.249	.063	-.036	-.525	40	554	-.283	.088	-.033	-.646
40	435	-202	.031	-.107	-.336	40	505	-.254	.076	-.024	-.564	40	555	-.271	.080	-.066	-.702
40	436	-204	.034	-.077	-.345	40	506	-.250	.082	-.029	-.829	40	556	-.274	.061	-.129	-.566
40	437	-203	.034	-.087	-.350	40	507	-.367	.081	-.040	-.757	40	557	-.297	.072	-.148	-.799
40	438	-244	.045	-.128	-.521	40	508	-.388	.111	-.128	-1.018	40	558	-.256	.061	-.089	-.592
40	439	-241	.039	-.136	-.389	40	509	-.333	.111	-.050	-.985	40	559	-.261	.070	-.014	-.616
40	440	-233	.037	-.124	-.379	40	510	-.301	.097	-.071	-.952	40	560	-.356	.198	-.099	-1.450
40	441	-276	.058	-.128	-.531	40	511	-.485	.109	-.174	-.905	40	561	-.011	.175	-.773	-.609
40	442	-270	.059	-.109	-.582	40	512	-.389	.119	-.149	-.833	40	562	-.094	.095	-.254	-.738
40	443	-283	.057	-.141	-.574	40	513	-.366	.102	-.052	-1.078	40	563	-.091	.073	-.289	-.571
40	444	-292	.061	-.004	-.574	40	514	-.367	.095	-.126	-.812	40	564	-.130	.074	-.103	-.594
40	445	-216	.035	-.114	-.389	40	515	-.344	.081	-.067	-.753	40	565	-.244	.084	-.082	-.580
40	446	-203	.031	-.099	-.328	40	516	-.339	.089	-.083	-.795	40	566	-.256	.077	-.075	-.594
40	447	-198	.034	-.107	-.340	40	517	-.240	.054	-.064	-.451	40	567	-.228	.054	-.085	-.439
40	448	-192	.033	-.097	-.331	40	518	-.267	.062	-.048	-.565	40	568	-.221	.059	-.094	-.510
40	449	-186	.034	-.080	-.326	40	519	-.233	.052	-.086	-.435	40	569	-.229	.052	-.106	-.472
40	450	-267	.058	-.058	-.562	40	520	-.271	.066	-.052	-.546	40	570	-.242	.061	-.092	-.592
40	451	-268	.051	-.124	-.521	40	521	-.231	.050	-.076	-.470	40	571	-.145	.100	-.134	-1.074
40	452	-249	.042	-.133	-.433	40	522	-.220	.051	-.052	-.442	40	572	-.161	.125	-.134	-.869
40	453	-232	.049	-.116	-.465	40	523	-.522	.139	-.145	-1.277	40	573	-.024	.037	-.221	-.136
40	454	-234	.050	-.119	-.477	40	524	-.380	.115	-.273	-.765	40	574	-.020	.040	-.211	-.139
40	455	-232	.051	-.010	-.455	40	525	-.359	.127	-.026	-1.123	40	575	-.025	.045	-.211	-.103
40	456	-208	.041	-.006	-.397	40	526	-.313	.100	-.002	-.925	40	576	-.023	.054	-.310	-.155
40	457	-200	.037	-.092	-.404	40	527	-.314	.089	-.048	-.738	40	577	-.012	.063	-.277	-.239
40	458	-192	.037	-.075	-.363	40	528	-.312	.091	-.086	-.753	40	578	-.188	.117	-.146	-.811
40	459	-170	.032	-.058	-.311	40	529	-.271	.065	-.040	-.610	40	579	-.100	.103	-.176	-.623
40	460	-168	.036	-.043	-.319	40	530	-.271	.071	-.086	-.655	40	580	-.015	.054	-.235	-.193
40	461	-162	.035	-.021	-.319	40	531	-.279	.080	-.076	-.812	40	581	-.037	.058	-.327	-.120
40	462	-207	.046	-.058	-.436	40	532	-.209	.039	-.105	-.390	40	582	-.025	.056	-.383	-.120
40	463	-253	.056	-.094	-.633	40	533	-.219	.043	-.102	-.401	40	583	-.057	.088	-.221	-.453
40	464	-223	.038	-.050	-.418	40	534	-.455	.111	-.124	-.850	40	584	-.069	.055	-.341	-.125
40	465	-168	.045	-.023	-.399	40	535	-.455	.116	-.009	-.914	40	585	-.055	.054	-.320	-.120
40	466	-269	.094	-.046	-.786	40	536	-.368	.101	-.050	-.810	40	586	-.069	.060	-.359	-.094
40	467	-220	.053	-.026	-.482	40	537	-.340	.094	-.021	-.770	40	601	-.012	.028	-.120	-.244

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	602	.017	.031	.162	-.216	40	915	-.313	.075	-.044	-.591	40	1201	-.288	.097	-.066	-.867
40	603	.020	.032	.200	-.127	40	916	-.353	.093	-.078	-.757	40	1202	-.240	.078	-.037	-.719
40	604	.016	.034	.157	-.221	40	917	-.266	.087	-.119	-.562	40	1203	-.245	.071	-.021	-.596
40	605	.017	.036	.200	-.157	40	918	.157	.076	.647	-.003	40	1204	-.286	.088	-.061	-.733
40	606	.018	.036	.197	-.169	40	919	.104	.045	.324	.011	40	1205	-.332	.090	-.106	-.716
40	607	.020	.033	.140	-.134	40	920	.106	.042	.283	.011	40	1206	-.205	.137	.335	-.815
40	608	.021	.022	.111	-.082	40	921	.101	.031	.247	-.042	40	1207	-.035	.153	.826	-.598
40	609	.022	.021	.102	-.042	40	922	.056	.028	.199	-.027	40	1208	-.023	.111	.481	-.629
40	610	.025	.022	.099	-.042	40	923	-.045	.022	.018	-.133	40	1209	-.343	.141	-.077	-1.307
40	611	.025	.024	.147	-.044	40	924	-.129	.044	-.011	-.309	40	1210	-.362	.129	-.094	-.870
40	612	.026	.025	.140	-.066	40	925	.048	.023	.165	-.037	40	1211	-.366	.151	-.078	-1.091
40	613	.027	.028	.147	-.077	40	926	-.080	.036	.086	-.238	40	1301	-.268	.081	-.056	-.818
40	614	.024	.028	.154	-.080	40	927	-.007	.031	.098	-.104	40	1302	-.213	.050	-.028	-.448
40	615	.018	.023	.111	-.059	40	928	-.216	.068	-.025	-.480	40	1303	-.227	.059	-.080	-.554
40	616	.023	.022	.122	-.059	40	929	-.152	.058	.074	-.398	40	1304	-.248	.077	-.002	-.683
40	617	.022	.022	.117	-.048	40	930	-.355	.134	-.090	-.798	40	1305	-.239	.066	-.094	-.570
40	618	.025	.023	.124	-.048	40	931	-.219	.078	.042	-.576	40	1306	-.256	.075	-.051	-.587
40	619	.025	.025	.133	-.069	40	932	.164	.098	.668	-.035	40	1307	-.251	.088	-.036	-.686
40	620	.023	.026	.138	-.067	40	933	.068	.048	.314	-.042	40	1308	-.273	.086	-.011	-.672
40	621	.021	.025	.133	-.062	40	934	.092	.062	.365	-.035	40	1309	-.260	.088	-.062	-.957
40	701	.010	.031	.134	-.246	40	935	.050	.051	.274	-.201	40	1310	-.260	.081	-.030	-.775
40	702	.045	.048	.280	-.089	40	936	.016	.040	.245	-.119	40	1311	-.257	.083	-.002	-.688
40	703	.050	.044	.260	-.133	40	937	-.158	.063	.074	-.422	40	1312	-.247	.083	-.008	-.657
40	704	.036	.049	.292	-.121	40	938	-.260	.129	.050	-.778	40	1313	-.257	.092	-.045	-.747
40	705	.046	.050	.326	-.174	40	939	-.026	.046	.240	-.208	40	1314	-.262	.076	-.063	-.646
40	707	.020	.038	.201	-.133	40	940	-.219	.074	.035	-.518	50	101	.377	.180	.977	-.707
40	708	.075	.047	.275	-.045	40	941	-.441	.213	.086	-1.481	50	102	.207	.135	.692	-.494
40	709	.089	.055	.500	-.067	40	942	-.260	.077	.014	-.605	50	103	.033	.103	.426	-.404
40	710	.094	.059	.366	-.033	40	943	-.400	.139	-.039	-1.065	50	104	-.009	.201	.851	-.520
40	711	.115	.071	.515	-.031	40	944	.093	.080	.416	-.203	50	105	.406	.203	.993	-.468
40	712	.101	.060	.395	-.033	40	945	-.174	.122	.281	-.863	50	106	.346	.238	.958	-.813
40	713	.070	.052	.419	-.043	40	946	-.342	.160	.266	-.952	50	107	.007	.127	.370	-.593
40	714	.054	.040	.309	-.045	40	947	.148	.097	.741	-.042	50	108	-.170	.090	.110	-.531
40	801	-.230	.073	-.045	-.607	40	948	.053	.045	.339	-.068	50	109	-.364	.090	-.136	-.747
40	802	.008	.045	.238	-.099	40	949	.069	.050	.353	-.035	50	110	-.444	.108	-.150	-.939
40	803	.014	.045	.238	-.141	40	950	.034	.046	.303	-.139	50	111	.366	.168	.967	-.316
40	901	-.254	.067	-.095	-.682	40	951	.012	.035	.299	-.122	50	112	.297	.147	.896	-.191
40	902	-.261	.060	-.092	-.509	40	1101	-.252	.070	-.070	-.613	50	113	.219	.124	.617	-.139
40	903	-.331	.081	-.090	-.644	40	1102	-.248	.077	-.066	-.615	50	114	.168	.116	.581	-.122
40	904	-.367	.078	-.133	-.725	40	1103	-.245	.072	-.058	-.610	50	115	.084	.091	.387	-.186
40	905	-.111	.180	.594	-.884	40	1104	-.261	.145	.177	-.910	50	116	.376	.097	-.053	-.889
40	906	.088	.065	.428	-.071	40	1105	.046	.160	.741	-.351	50	117	-.411	.122	-.105	-1.296
40	907	.062	.046	.252	-.073	40	1106	-.056	.192	.661	-.728	50	118	-.350	.098	.316	-.844
40	908	.077	.050	.314	-.063	40	1107	.081	.145	.717	-.450	50	119	-.291	.102	.226	-.721
40	909	.038	.051	.307	-.186	40	1108	-.053	.137	.755	-.481	50	120	.473	.176	1.014	-.103
40	910	.026	.047	.317	-.128	40	1109	-.056	.079	.276	-.259	50	121	.434	.175	.953	-.226
40	911	-.271	.064	-.085	-.636	40	1110	-.252	.076	-.051	-.622	50	122	.329	.150	.856	-.139
40	912	-.030	.048	.261	-.145	40	1111	-.234	.068	-.051	-.620	50	123	.263	.133	.752	-.067
40	913	-.289	.065	-.136	-.764	40	1112	-.224	.062	-.023	-.473	50	124	.107	.100	.460	-.195
40	914	-.268	.082	.021	-.629	40	1113	-.256	.092	.019	-.690	50	125	-.382	.098	-.120	-1.014

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	126	-.377	.106	-.115	-.842	50	176	.104	.070	.421	-.052	50	248	-.128	.036	.009	-.268
50	127	-.405	.103	-.049	-.920	50	177	.072	.060	.292	-.076	50	249	-.069	.038	.090	-.208
50	128	-.401	.107	.148	-.932	50	178	.042	.056	.311	-.108	50	250	.019	.050	.321	-.137
50	129	.452	.199	1.019	-.363	50	201	-.084	.126	.390	-.466	50	251	.039	.066	.361	-.220
50	130	.450	.175	1.010	-.240	50	202	-.051	.141	.529	-.447	50	252	.128	.089	.542	-.175
50	131	.378	.150	.943	-.025	50	203	-.036	.138	.732	-.504	50	253	.206	.086	.514	-.037
50	132	.271	.125	.676	-.075	50	204	-.085	.070	.277	-.332	50	254	.200	.084	.542	-.075
50	133	.072	.096	.496	-.186	50	205	.094	.087	.447	-.433	50	255	.197	.087	.549	-.027
50	134	-.399	.090	-.049	-.818	50	206	.186	.143	.662	-.875	50	256	.234	.110	.600	-.144
50	135	-.373	.088	-.120	-.898	50	207	-.334	.081	-.018	-.662	50	257	.275	.168	.809	-.563
50	136	-.401	.101	-.098	-.929	50	208	-.383	.102	-.108	-.825	50	258	.232	.191	.812	-.540
50	137	-.403	.116	.020	-1.057	50	209	-.439	.119	.001	-.879	50	259	.037	.068	.385	-.180
50	138	.341	.175	.887	-.423	50	210	-.312	.111	.062	-.709	50	260	.117	.114	.485	-.480
50	139	.329	.156	.839	-.276	50	211	-.369	.081	-.032	-.657	50	261	.202	.090	.530	-.053
50	140	.307	.130	.766	-.015	50	212	.229	.143	.728	-.523	50	262	-.126	.039	-.008	-.282
50	141	.189	.113	.650	-.098	50	213	.301	.142	.695	-.516	50	263	-.073	.037	.073	-.239
50	142	.023	.086	.378	-.231	50	214	.396	.159	.822	-.417	50	264	.001	.041	.218	-.125
50	143	-.413	.104	-.011	-.988	50	215	.151	.046	.025	-.325	50	265	.050	.052	.292	-.092
50	144	-.457	.105	-.086	-1.000	50	216	.104	.049	.109	-.296	50	266	.083	.061	.397	-.068
50	145	-.478	.121	-.056	-1.478	50	217	-.074	.053	.239	-.280	50	267	.118	.074	.392	-.080
50	146	-.481	.140	.169	-1.036	50	218	.075	.061	.142	-.332	50	268	.123	.088	.569	-.196
50	147	.163	.148	.726	-.425	50	219	.165	.116	.551	-.242	50	269	.131	.140	.642	-.430
50	148	.168	.111	.595	-.354	50	220	.053	.170	.876	-.466	50	270	.115	.131	.564	-.573
50	149	.166	.101	.661	-.107	50	221	-.001	.064	.286	-.273	50	271	-.145	.050	.030	-.420
50	150	.123	.089	.568	-.119	50	222	.112	.071	.357	-.145	50	272	-.084	.039	.066	-.261
50	151	.041	.076	.411	-.155	50	223	.115	.094	.489	-.162	50	273	-.014	.033	.161	-.192
50	152	-.269	.117	.260	-.742	50	224	.129	.108	.525	-.478	50	274	.033	.036	.171	-.092
50	153	.510	.161	-.019	-1.291	50	225	.159	.186	.737	-.707	50	275	.053	.045	.242	-.151
50	154	-.044	.273	.933	-.704	50	226	-.134	.037	.027	-.266	50	276	.071	.054	.340	-.103
50	155	.097	.250	.900	-.792	50	227	-.059	.047	.138	-.193	50	277	.070	.058	.337	-.134
50	156	-.041	.067	.237	-.284	50	228	.042	.064	.336	-.188	50	278	.055	.067	.409	-.416
50	157	-.135	.074	.213	-.434	50	229	.072	.077	.478	-.209	50	279	.047	.073	.437	-.258
50	158	-.253	.115	.101	-1.028	50	230	.316	.136	.803	-.058	50	280	.024	.053	.268	-.173
50	159	-.207	.064	.167	-.470	50	231	.137	.134	.843	-.332	50	281	.025	.049	.259	-.134
50	160	-.129	.065	.122	-.434	50	232	.139	.083	.430	-.103	50	282	.021	.045	.361	-.175
50	161	-.076	.071	.387	-.346	50	233	.164	.080	.456	-.082	50	283	.007	.038	.209	-.215
50	162	.083	.074	.447	-.272	50	234	.282	.105	.749	-.056	50	284	.012	.037	.208	-.183
50	163	.094	.069	.420	-.133	50	235	.340	.165	.841	-.565	50	285	.031	.065	.329	-.256
50	164	.097	.073	.432	-.095	50	236	.329	.213	.916	-.686	50	286	.013	.060	.271	-.298
50	165	.104	.065	.430	-.069	50	237	-.143	.035	-.016	-.275	50	287	.017	.045	.191	-.251
50	166	.075	.063	.385	-.083	50	238	.070	.041	.133	-.252	50	288	.010	.044	.212	-.275
50	167	.018	.052	.246	-.112	50	239	.030	.053	.252	-.156	50	289	.015	.037	.165	-.118
50	168	-.161	.062	.084	-.410	50	240	.080	.068	.323	-.111	50	290	.023	.031	.201	-.134
50	169	-.394	.155	.008	-1.422	50	241	.303	.139	.819	-.075	50	291	.019	.027	.163	-.080
50	170	.009	.073	.334	-.284	50	242	.174	.106	.752	-.115	50	292	.019	.027	.149	-.108
50	171	.106	.070	.458	-.172	50	243	.201	.083	.518	-.030	50	293	-.128	.052	.048	-.350
50	172	.155	.087	.598	-.062	50	244	.201	.084	.535	-.030	50	294	.028	.045	.224	-.104
50	173	.180	.099	.610	-.055	50	245	.292	.117	.752	-.134	50	295	.122	.064	.404	-.038
50	174	.182	.087	.610	-.022	50	246	.346	.166	.897	-.587	50	296	.119	.062	.402	-.041
50	175	.132	.080	.580	-.048	50	247	.306	.205	.933	-.449	50	297	.151	.076	.575	-.015

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	298	.117	.059	.381	-.019	50	443	-.272	.049	-.133	-.447	50	513	-.318	.086	-.099	-.897
50	299	.116	.062	.519	-.052	50	444	-.277	.050	-.125	-.514	50	514	-.308	.075	-.109	-.687
50	300	.076	.049	.289	-.048	50	445	-.219	.037	-.097	-.404	50	515	-.328	.072	-.109	-.602
50	301	.063	.041	.236	-.036	50	446	-.201	.034	-.099	-.364	50	516	-.382	.111	-.106	-.937
50	302	.024	.043	.259	-.125	50	447	-.188	.037	-.059	-.333	50	517	-.243	.053	-.083	-.425
50	303	.041	.036	.261	-.052	50	448	-.183	.039	-.056	-.368	50	518	-.265	.055	-.102	-.503
50	304	.027	.026	.130	-.041	50	449	-.188	.040	-.064	-.354	50	519	-.250	.051	-.106	-.512
50	305	.024	.024	.172	-.043	50	450	-.251	.049	-.094	-.525	50	520	-.272	.059	-.087	-.510
50	401	-.219	.059	-.047	-.465	50	451	-.254	.045	-.133	-.454	50	521	-.238	.049	-.085	-.399
50	402	-.264	.067	-.038	-.534	50	452	-.244	.039	-.142	-.406	50	522	-.231	.051	-.059	-.510
50	403	-.263	.061	-.032	-.472	50	453	-.269	.052	-.140	-.466	50	523	-.376	.101	-.097	-1.095
50	404	-.254	.055	-.071	-.492	50	454	-.267	.053	-.137	-.492	50	524	-.355	.078	-.059	-.651
50	405	-.215	.048	-.038	-.378	50	455	-.240	.069	-.036	-.516	50	525	-.318	.084	-.019	-.826
50	406	-.262	.056	-.078	-.457	50	456	-.225	.050	-.071	-.480	50	526	-.293	.076	-.024	-.920
50	407	-.294	.074	-.097	-.630	50	457	-.215	.045	-.068	-.428	50	527	-.299	.064	-.083	-.548
50	408	-.299	.075	-.064	-.654	50	458	-.202	.048	-.064	-.475	50	528	-.290	.065	-.130	-.595
50	409	-.309	.079	-.076	-.669	50	459	-.189	.042	-.075	-.385	50	529	-.272	.056	-.104	-.588
50	410	-.231	.054	-.017	-.461	50	460	-.181	.044	-.025	-.340	50	530	-.286	.065	-.094	-.578
50	411	-.281	.056	-.121	-.529	50	461	-.173	.047	-.037	-.466	50	531	-.277	.065	-.102	-.623
50	412	-.250	.050	-.095	-.455	50	462	-.227	.053	-.003	-.397	50	532	-.218	.038	-.087	-.380
50	413	-.282	.063	-.112	-.541	50	463	-.290	.064	-.094	-.578	50	533	-.213	.042	-.092	-.371
50	414	-.223	.045	-.066	-.391	50	464	-.239	.054	-.090	-.464	50	534	-.358	.088	-.078	-.843
50	415	-.217	.047	-.064	-.379	50	465	-.194	.061	-.044	-.414	50	535	-.386	.093	-.142	-.876
50	416	-.201	.045	-.050	-.398	50	466	-.315	.099	-.070	-.840	50	536	-.339	.088	-.002	-.854
50	417	-.199	.048	-.031	-.362	50	467	-.243	.060	-.054	-.573	50	537	-.306	.077	-.029	-.748
50	418	-.192	.048	-.038	-.365	50	468	-.239	.067	-.092	-.875	50	538	-.304	.075	-.035	-.717
50	419	-.192	.047	-.045	-.374	50	469	-.226	.070	-.078	-.694	50	539	-.297	.065	-.069	-.611
50	420	-.258	.047	-.121	-.460	50	470	-.208	.062	-.042	-.528	50	540	-.299	.059	-.130	-.559
50	421	-.245	.042	-.100	-.422	50	471	-.200	.059	-.038	-.467	50	541	-.312	.064	-.130	-.543
50	422	-.242	.045	-.109	-.417	50	472	-.181	.066	-.002	-.453	50	542	-.312	.071	-.097	-.562
50	423	-.215	.043	-.081	-.381	50	473	-.219	.074	-.055	-.635	50	543	-.240	.037	-.109	-.408
50	424	-.220	.042	-.078	-.412	50	474	-.273	.099	-.002	-1.000	50	544	-.247	.040	-.097	-.425
50	425	-.206	.037	-.083	-.354	50	475	-.236	.075	-.086	-.680	50	545	-.231	.038	-.109	-.368
50	426	-.206	.040	-.073	-.380	50	476	-.221	.081	-.001	-1.000	50	546	-.244	.038	-.147	-.446
50	427	-.204	.038	-.064	-.328	50	477	-.219	.081	-.024	-.684	50	547	-.477	.101	-.159	-.913
50	428	-.202	.041	-.030	-.364	50	478	-.201	.072	-.029	-1.021	50	548	-.476	.102	-.159	-.923
50	429	-.272	.043	-.135	-.423	50	479	-.205	.068	-.031	-.556	50	549	-.444	.129	.005	-1.170
50	430	-.258	.041	-.144	-.414	50	480	-.218	.076	-.036	-.626	50	550	-.440	.139	.058	-1.166
50	431	-.236	.040	-.111	-.378	50	501	-.443	.082	-.210	-.755	50	551	-.416	.122	-.035	-1.098
50	432	-.243	.037	-.140	-.399	50	502	-.463	.083	-.153	-.762	50	552	-.358	.091	-.140	-.801
50	433	-.245	.039	-.142	-.409	50	503	-.465	.093	-.161	-.795	50	553	-.325	.076	-.065	-.750
50	434	-.221	.038	-.083	-.356	50	504	-.236	.053	-.076	-.519	50	554	-.324	.081	-.077	-.717
50	435	-.212	.037	-.104	-.340	50	505	-.243	.061	-.031	-.537	50	555	-.343	.088	-.110	-.748
50	436	-.204	.038	-.085	-.352	50	506	-.245	.067	-.014	-.562	50	556	-.265	.045	-.147	-.456
50	437	-.210	.037	-.099	-.354	50	507	-.378	.082	-.144	-.758	50	557	-.274	.051	-.136	-.479
50	438	-.247	.040	-.123	-.406	50	508	-.373	.081	-.092	-.658	50	558	-.250	.045	-.105	-.442
50	439	-.244	.036	-.144	-.404	50	509	-.409	.139	-.083	-1.095	50	559	-.254	.051	-.012	-.477
50	440	-.235	.037	-.125	-.394	50	510	-.275	.072	-.099	-.727	50	560	-.495	.166	-.056	-1.399
50	441	-.278	.051	-.114	-.471	50	511	-.402	.124	-.137	-.970	50	561	-.230	.172	.666	-.724
50	442	-.252	.048	-.133	-.511	50	512	-.362	.081	-.113	-.680	50	562	-.147	.104	.222	-.734

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	563	- .149	.093	.189	-.628	50	707	.039	.047	.274	-.129	50	940	-.245	.079	.057	-.595
50	564	- .188	.072	-.065	-.533	50	708	.063	.045	.326	-.057	50	941	-.592	.255	.219	-1.664
50	565	- .318	.076	-.093	-.579	50	709	.102	.060	.350	-.055	50	942	-.280	.081	.016	-.665
50	566	- .307	.069	-.070	-.586	50	710	.106	.063	.373	-.031	50	943	-.377	.127	-.071	-1.121
50	567	- .284	.058	-.075	-.481	50	711	.130	.072	.584	-.031	50	944	-.211	.091	.598	-.110
50	568	- .290	.065	-.133	-.551	50	712	.127	.070	.503	-.024	50	945	-.358	.114	.040	-.809
50	569	- .258	.054	-.086	-.458	50	713	.094	.056	.541	-.022	50	946	-.447	.179	.267	-1.068
50	570	- .272	.058	-.117	-.610	50	714	.065	.043	.271	-.041	50	947	-.143	.090	.704	-.091
50	571	- .235	.119	.068	-.991	50	801	-.273	.090	.074	-.851	50	948	.085	.056	.336	-.051
50	572	- .271	.144	.124	-1.210	50	802	-.116	.070	.468	-.023	50	949	.082	.050	.308	-.046
50	573	.028	.041	.271	-.070	50	803	.092	.056	.376	-.058	50	950	.040	.059	.454	-.174
50	574	.023	.041	.194	-.084	50	901	-.288	.067	-.122	-.686	50	951	.017	.046	.357	-.226
50	575	.013	.046	.210	-.180	50	902	-.284	.058	-.110	-.529	50	1101	-.209	.070	-.025	-.541
50	576	- .010	.059	.301	-.208	50	903	-.301	.095	-.122	-.657	50	1102	-.254	.090	-.051	-.719
50	577	- .017	.062	.290	-.406	50	904	-.379	.087	-.047	-.747	50	1103	-.221	.076	-.032	-.778
50	578	- .317	.127	-.030	-.995	50	905	-.237	.194	.409	-1.039	50	1104	-.166	.139	.514	-.970
50	579	- .232	.109	.140	-.715	50	906	.056	.059	.368	-.081	50	1105	-.117	.139	.774	-.283
50	580	.043	.053	.168	-.255	50	907	.082	.057	.334	-.059	50	1106	.086	.158	.737	-.410
50	581	.061	.060	.295	-.197	50	908	.079	.051	.322	-.035	50	1107	.128	.144	.737	-.391
50	582	.007	.057	.272	-.162	50	909	.030	.056	.281	-.187	50	1108	.037	.136	.584	-.670
50	583	- .257	.127	.089	-.911	50	910	.022	.050	.236	-.153	50	1109	-.118	.052	.202	-.271
50	584	.028	.058	.360	-.206	50	911	-.283	.061	-.076	-.532	50	1110	-.209	.063	-.042	-.496
50	585	.022	.056	.287	-.164	50	912	.022	.051	-.257	-.194	50	1111	-.193	.059	-.011	-.487
50	586	.028	.061	.297	-.133	50	913	-.285	.052	-.124	-.474	50	1112	-.200	.057	-.039	-.487
50	601	.002	.042	.171	-.250	50	914	-.256	.066	-.008	-.558	50	1113	-.225	.086	.101	-.674
50	602	.005	.046	.247	-.298	50	915	-.314	.093	-.079	-.616	50	1201	-.367	.115	-.058	-1.021
50	603	.006	.044	.187	-.360	50	916	-.423	.093	-.059	-.824	50	1202	-.313	.091	-.051	-.803
50	604	.009	.040	.159	-.229	50	917	-.194	.060	-.050	-.423	50	1203	-.298	.074	-.049	-.639
50	605	.012	.038	.192	-.178	50	918	-.138	.073	.549	-.013	50	1204	-.323	.082	-.105	-.663
50	606	.013	.035	.192	-.168	50	919	-.104	.047	.351	-.020	50	1205	-.340	.083	-.119	-.813
50	607	.023	.038	.193	-.124	50	920	.116	.051	.325	-.001	50	1206	-.270	.115	.280	-1.000
50	608	.015	.025	.146	-.088	50	921	.094	.033	.240	-.020	50	1207	-.055	.230	.847	-.789
50	609	.016	.026	.155	-.135	50	922	.054	.031	.221	-.037	50	1208	-.014	.147	.580	-.817
50	610	.020	.024	.127	-.086	50	923	-.052	.021	.009	-.126	50	1209	-.456	.205	.014	-2.082
50	611	.022	.025	.125	-.070	50	924	-.125	.046	-.006	-.305	50	1210	-.419	.123	-.074	-1.145
50	612	.024	.027	.134	-.067	50	925	-.043	.023	.175	-.042	50	1211	-.392	.140	.069	-1.042
50	613	.027	.030	.125	-.070	50	926	-.086	.039	.052	-.283	50	1301	-.310	.071	-.128	-.695
50	614	.026	.032	.174	-.091	50	927	-.007	.031	.103	-.119	50	1302	-.235	.053	-.060	-.440
50	615	.019	.023	.117	-.047	50	928	-.204	.060	-.015	-.467	50	1303	-.277	.061	-.100	-.536
50	616	.018	.023	.099	-.069	50	929	-.206	.070	-.021	-.476	50	1304	-.306	.073	-.095	-.628
50	617	.019	.024	.112	-.054	50	930	-.259	.084	-.085	-.725	50	1305	-.288	.068	-.110	-.707
50	618	.023	.025	.152	-.074	50	931	-.222	.072	-.052	-.517	50	1306	-.304	.067	-.105	-.581
50	619	.022	.026	.151	-.088	50	932	-.135	.087	.680	-.040	50	1307	-.318	.078	-.081	-.681
50	620	.026	.028	.153	-.054	50	933	.092	.060	.392	-.049	50	1308	-.328	.080	-.084	-.625
50	621	.022	.025	.124	-.057	50	934	.104	.062	.361	-.037	50	1309	-.295	.080	-.019	-.708
50	701	-.000	.037	.149	-.304	50	935	.043	.057	.284	-.228	50	1310	-.290	.079	-.049	-.677
50	702	.023	.045	.192	-.132	50	936	-.023	.048	.419	-.131	50	1311	-.305	.079	-.074	-.613
50	703	.052	.051	.279	-.110	50	937	-.182	.071	.038	-.491	50	1312	-.255	.080	-.050	-.623
50	704	.038	.050	.269	-.190	50	938	-.323	.121	.014	-.732	50	1313	-.317	.082	-.107	-.644
50	705	.045	.049	.245	-.194	50	939	-.029	.051	.291	-.134	50	1314	-.304	.071	-.135	-.717

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	101	.182	.205	.795	-.728	60	151	-.010	.069	.344	-.204	60	223	.157	.114	.540	-.189
60	102	.084	.102	.466	-.218	60	152	-.285	.100	.075	-.832	60	224	.210	.129	.635	-.414
60	103	-.075	.067	.229	-.283	60	153	-.483	.160	-.103	-1.400	60	225	.298	.141	.777	-.240
60	104	-.214	.117	.349	-.686	60	154	-.151	.232	.917	-.770	60	226	-.105	.048	.085	-.263
60	105	.178	.236	.908	-.788	60	155	-.008	.242	.777	-.714	60	227	-.010	.058	.215	-.184
60	106	.337	.190	.886	-.357	60	156	-.084	.060	.238	-.296	60	228	.110	.082	.424	-.105
60	107	.046	.098	.431	-.309	60	157	-.180	.071	.137	-.500	60	229	.159	.103	.621	-.194
60	108	-.121	.074	.152	-.442	60	158	-.273	.114	-.005	-1.001	60	230	.314	.125	.735	-.073
60	109	-.299	.071	-.099	-.564	60	159	-.218	.062	-.014	-.452	60	231	.304	.166	.995	-.194
60	110	-.440	.100	-.175	-.876	60	160	-.147	.075	.260	-.474	60	232	.201	.096	.549	-.094
60	111	.133	.233	.829	-.800	60	161	-.084	.073	.409	-.349	60	233	.245	.103	.610	-.045
60	112	.169	.166	.671	-.726	60	162	.033	.079	.400	-.361	60	234	.349	.130	.803	-.010
60	113	.099	.101	.488	-.285	60	163	.055	.079	.477	-.310	60	235	.448	.159	.937	-.003
60	114	.079	.091	.450	-.204	60	164	.068	.070	.352	-.240	60	236	.482	.177	.984	-.150
60	115	.001	.074	.271	-.223	60	165	.070	.059	.364	-.175	60	237	-.108	.045	.164	-.289
60	116	.337	.062	-.142	-.645	60	166	.045	.057	.323	-.142	60	238	-.023	.053	.187	-.173
60	117	-.296	.066	-.130	-.738	60	167	-.002	.052	.229	-.132	60	239	.104	.073	.407	-.112
60	118	-.310	.065	-.113	-.605	60	168	-.190	.082	.133	-.690	60	240	.146	.093	.541	-.104
60	119	-.308	.060	-.106	-.595	60	169	-.470	.187	-.038	-1.313	60	241	.319	.126	.757	-.032
60	120	.253	.248	.836	-.588	60	170	.030	.073	.409	-.260	60	242	.276	.133	.886	-.048
60	121	.284	.213	.898	-.583	60	171	.080	.076	.433	-.437	60	243	.259	.102	.621	-.008
60	122	.243	.124	.631	-.244	60	172	.110	.084	.517	-.297	60	244	.287	.104	.623	-.025
60	123	.145	.100	.567	-.120	60	173	.114	.078	.542	-.481	60	245	.372	.129	.862	-.043
60	124	.010	.073	.307	-.240	60	174	.120	.074	.538	-.043	60	246	.455	.152	.945	-.013
60	125	-.334	.063	-.149	-.619	60	175	.099	.074	.472	-.071	60	247	.454	.163	1.022	-.032
60	126	-.301	.057	-.128	-.581	60	176	.056	.061	.377	-.078	60	248	-.120	.039	.041	-.238
60	127	-.313	.062	-.106	-.609	60	177	.025	.049	.251	-.101	60	249	-.043	.046	.189	-.194
60	128	-.308	.063	-.116	-.664	60	178	-.003	.049	.218	-.141	60	250	.058	.058	.323	-.095
60	129	-.227	.242	.934	-.547	60	201	-.024	.157	.434	-.540	60	251	.092	.086	.496	-.163
60	130	.231	.231	.807	-.743	60	202	.086	.203	.675	-.551	60	252	.166	.097	.656	-.140
60	131	.235	.129	.660	-.450	60	203	.160	.245	.902	-.561	60	253	.277	.108	.872	-.018
60	132	.133	.098	.519	-.302	60	204	.029	.101	.517	-.389	60	254	.259	.113	.679	-.001
60	133	-.007	.070	.259	-.211	60	205	.210	.124	.762	-.127	60	255	.257	.104	.682	-.004
60	134	-.340	.063	-.149	-.626	60	206	-.330	.134	.805	-.176	60	256	.298	.122	.710	-.001
60	135	-.291	.060	-.104	-.564	60	207	-.318	.078	-.052	-.735	60	257	.336	.143	.747	-.051
60	136	-.326	.064	-.142	-.612	60	208	-.352	.102	-.050	-.746	60	258	.342	.152	.853	-.147
60	137	-.319	.075	-.137	-.872	60	209	-.513	.139	-.066	-1.106	60	259	.074	.084	.431	-.196
60	138	.168	.237	1.005	-.733	60	210	-.349	.125	.097	-.788	60	260	.147	.153	.567	-.546
60	139	.172	.220	.865	-.647	60	211	-.388	.099	-.047	-.828	60	261	.227	.107	.562	-.058
60	140	.162	.122	.645	-.326	60	212	.082	.205	.756	-.612	60	262	-.140	.040	-.008	-.327
60	141	.088	.096	.440	-.395	60	213	.127	.238	.793	-.728	60	263	-.069	.041	.116	-.189
60	142	-.038	.072	.335	-.275	60	214	.300	.229	.828	-.635	60	264	.014	.053	.278	-.133
60	143	-.383	.094	-.042	-.805	60	215	-.123	.054	.094	-.338	60	265	.086	.067	.360	-.090
60	144	-.389	.095	-.089	-.812	60	216	-.071	.061	.296	-.254	60	266	.129	.080	.529	-.074
60	145	-.421	.106	-.049	-.996	60	217	-.028	.067	.231	-.252	60	267	.149	.090	.470	-.043
60	146	-.439	.121	-.018	-1.153	60	218	-.022	.078	.324	-.300	60	268	.161	.096	.672	-.051
60	147	.040	.177	.636	-.712	60	219	.140	.104	.552	-.175	60	269	.182	.108	.625	-.170
60	148	.077	.153	.705	-.860	60	220	.210	.163	.719	-.356	60	270	.156	.122	.625	-.351
60	149	.098	.096	.496	-.308	60	221	.030	.077	.292	-.229	60	271	-.159	.043	-.046	-.424
60	150	.061	.080	.457	-.159	60	222	.140	.088	.429	-.124	60	272	-.090	.035	.043	-.245

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	273	- .011	.035	.142	- .187	60	418	- .222	.050	- .057	- .459	60	468	- .269	.088	- .083	- .853
60	274	- .040	.042	.222	- .086	60	419	- .222	.051	- .019	- .457	60	469	- .253	.060	- .111	- .524
60	275	- .079	.052	.297	- .046	60	420	- .264	.051	- .045	- .447	60	470	- .245	.066	- .087	- .618
60	276	- .090	.057	.360	- .062	60	421	- .255	.046	- .110	- .426	60	471	- .233	.068	- .076	- .621
60	277	- .076	.056	.339	- .069	60	422	- .246	.043	- .084	- .404	60	472	- .227	.066	- .045	- .722
60	278	- .061	.055	.381	- .201	60	423	- .226	.039	- .108	- .390	60	473	- .249	.079	- .018	- .686
60	279	- .048	.062	.360	- .238	60	424	- .236	.046	- .082	- .397	60	474	- .237	.087	- .020	- .969
60	280	- .010	.049	.271	- .227	60	425	- .227	.044	- .090	- .438	60	475	- .240	.073	- .085	- .910
60	281	- .015	.042	.215	- .142	60	426	- .218	.045	- .087	- .383	60	476	- .235	.076	- .020	- .934
60	282	- .007	.041	.269	- .210	60	427	- .217	.043	- .087	- .368	60	477	- .239	.077	- .057	- .962
60	283	- .002	.033	.217	- .158	60	428	- .218	.046	- .080	- .402	60	478	- .222	.074	- .041	- .602
60	284	- .006	.038	.216	- .178	60	429	- .268	.049	- .085	- .471	60	479	- .235	.076	- .062	- .740
60	285	- .033	.056	.235	- .253	60	430	- .249	.043	- .102	- .390	60	480	- .251	.085	- .017	- .763
60	286	- .004	.060	.190	- .290	60	431	- .234	.039	- .128	- .371	60	501	- .391	.077	- .125	- .630
60	287	- .007	.048	.181	- .346	60	432	- .238	.038	- .123	- .385	60	502	- .391	.074	- .160	- .736
60	288	- .010	.044	.186	- .222	60	433	- .240	.044	- .102	- .541	60	503	- .489	.096	- .191	- .917
60	289	- .001	.037	.146	- .148	60	434	- .226	.040	- .102	- .392	60	504	- .239	.053	- .059	- .513
60	290	- .011	.031	.172	- .092	60	435	- .216	.041	- .092	- .375	60	505	- .246	.057	- .073	- .533
60	291	- .008	.026	.186	- .083	60	436	- .223	.041	- .092	- .390	60	506	- .242	.058	- .066	- .560
60	292	- .009	.027	.134	- .083	60	437	- .218	.041	- .085	- .361	60	507	- .335	.072	- .137	- .678
60	293	- .123	.052	.071	- .334	60	438	- .247	.041	- .114	- .404	60	508	- .365	.075	- .137	- .652
60	294	- .054	.054	.307	- .087	60	439	- .240	.041	- .131	- .445	60	509	- .316	.105	- .106	- .920
60	295	- .149	.072	.510	- .038	60	440	- .236	.040	- .114	- .399	60	510	- .261	.054	- .113	- .546
60	296	- .156	.078	.531	- .024	60	441	- .271	.046	- .133	- .440	60	511	- .281	.060	- .120	- .924
60	297	- .168	.083	.647	- .001	60	442	- .250	.044	- .109	- .438	60	512	- .282	.058	- .109	- .574
60	298	- .140	.067	.407	- .013	60	443	- .253	.038	- .128	- .387	60	513	- .269	.054	- .116	- .489
60	299	- .104	.062	.458	- .027	60	444	- .265	.046	- .123	- .443	60	514	- .273	.056	- .106	- .485
60	300	- .079	.046	.272	- .062	60	445	- .236	.039	- .080	- .371	60	515	- .312	.069	- .127	- .645
60	301	- .055	.038	.244	- .057	60	446	- .226	.039	- .104	- .423	60	516	- .416	.139	- .087	- 1.021
60	302	- .003	.042	.225	- .162	60	447	- .218	.039	- .087	- .383	60	517	- .238	.048	- .078	- .412
60	303	- .018	.028	.146	- .064	60	448	- .214	.041	- .063	- .387	60	518	- .269	.050	- .102	- .435
60	304	- .015	.025	.139	- .055	60	449	- .212	.043	- .066	- .373	60	519	- .253	.053	- .099	- .518
60	305	- .011	.023	.111	- .057	60	450	- .251	.045	- .099	- .534	60	520	- .269	.056	- .111	- .560
60	401	- .245	.064	- .021	- .536	60	451	- .256	.043	- .145	- .483	60	521	- .230	.048	- .076	- .464
60	402	- .287	.072	- .019	- .570	60	452	- .244	.041	- .119	- .433	60	522	- .238	.053	- .064	- .466
60	403	- .279	.068	- .060	- .565	60	453	- .259	.049	- .131	- .462	60	523	- .270	.052	- .139	- .511
60	404	- .253	.051	- .080	- .458	60	454	- .258	.048	- .140	- .467	60	524	- .287	.054	- .142	- .527
60	405	- .231	.052	- .069	- .484	60	455	- .241	.066	- .025	- .483	60	525	- .276	.051	- .127	- .466
60	406	- .263	.063	- .085	- .544	60	456	- .253	.056	- .095	- .481	60	526	- .269	.055	- .120	- .490
60	407	- .311	.088	- .083	- .649	60	457	- .240	.050	- .099	- .507	60	527	- .276	.054	- .104	- .487
60	408	- .319	.081	- .066	- .691	60	458	- .233	.048	- .102	- .498	60	528	- .282	.059	- .120	- .496
60	409	- .296	.077	- .077	- .608	60	459	- .217	.047	- .080	- .476	60	529	- .283	.057	- .097	- .508
60	410	- .234	.050	- .070	- .476	60	460	- .216	.049	- .078	- .411	60	530	- .281	.061	- .118	- .576
60	411	- .272	.057	- .086	- .474	60	461	- .215	.045	- .071	- .407	60	531	- .287	.064	- .109	- .645
60	412	- .258	.052	- .094	- .486	60	462	- .229	.056	- .013	- .579	60	532	- .219	.043	- .092	- .391
60	413	- .278	.063	- .089	- .556	60	463	- .283	.064	- .131	- .666	60	533	- .223	.045	- .071	- .426
60	414	- .235	.052	- .031	- .438	60	464	- .256	.051	- .121	- .512	60	534	- .288	.059	- .123	- .753
60	415	- .231	.049	- .033	- .471	60	465	- .246	.065	- .066	- .551	60	535	- .305	.060	- .127	- .621
60	416	- .219	.053	- .036	- .517	60	466	- .302	.095	- .114	- .867	60	536	- .283	.059	- .102	- .551
60	417	- .213	.051	- .033	- .416	60	467	- .269	.077	- .059	- .875	60	537	- .281	.054	- .108	- .528



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	538	- .276	.052	- .090	- .501	60	602	- .005	.040	.244	- .426	60	915	- .266	.086	.054	- .588
60	539	- .280	.049	- .106	- .442	60	603	- .001	.042	.188	- .281	60	916	- .388	.085	- .093	- .690
60	540	- .284	.051	- .153	- .445	60	604	- .005	.043	.198	- .249	60	917	- .169	.052	.054	- .357
60	541	- .297	.052	- .134	- .532	60	605	- .006	.043	.230	- .193	60	918	- .096	.061	.349	- .043
60	542	- .301	.060	- .123	- .544	60	606	- .010	.040	.226	- .142	60	919	- .087	.040	.282	- .008
60	543	- .231	.036	- .127	- .348	60	607	- .021	.042	.288	- .174	60	920	- .098	.043	.337	- .017
60	544	- .240	.039	- .132	- .388	60	608	- .006	.026	.127	- .102	60	921	- .082	.033	.225	- .032
60	545	- .223	.038	- .062	- .363	60	609	- .004	.024	.115	- .093	60	922	- .050	.029	.201	- .034
60	546	- .242	.038	- .128	- .395	60	610	- .008	.024	.122	- .083	60	923	- .039	.022	.021	- .120
60	547	- .385	.098	- .133	- .810	60	611	- .013	.029	.131	- .100	60	924	- .127	.052	.014	- .345
60	548	- .398	.094	- .167	- .863	60	612	- .012	.029	.173	- .118	60	925	- .041	.022	.130	- .036
60	549	- .399	.109	- .074	- 1.024	60	613	- .017	.030	.131	- .086	60	926	- .084	.040	.071	- .298
60	550	- .369	.114	- .035	- 1.614	60	614	- .016	.034	.171	- .118	60	927	- .002	.033	.099	- .124
60	551	- .349	.093	- .135	- 1.005	60	615	- .010	.025	.147	- .076	60	928	- .185	.059	.021	- .438
60	552	- .318	.070	- .121	- .628	60	616	- .008	.024	.117	- .063	60	929	- .182	.065	.056	- .455
60	553	- .303	.059	- .151	- .591	60	617	- .009	.025	.112	- .058	60	930	- .232	.061	- .010	- .574
60	554	- .309	.070	- .126	- .705	60	618	- .011	.027	.132	- .093	60	931	- .272	.086	.035	- .581
60	555	- .313	.077	- .102	- .803	60	619	- .014	.029	.180	- .077	60	932	- .117	.085	.572	- .124
60	556	- .243	.040	- .123	- .402	60	620	- .015	.030	.173	- .089	60	933	- .058	.049	.313	- .101
60	557	- .256	.042	- .151	- .437	60	621	- .013	.030	.149	- .070	60	934	- .071	.054	.325	- .048
60	558	- .234	.042	- .065	- .391	60	701	- .009	.037	.215	- .276	60	935	- .026	.059	.292	- .279
60	559	- .251	.049	- .105	- .463	60	702	- .025	.050	.250	- .111	60	936	- .014	.045	.273	- .112
60	560	- .467	.150	- .033	- 1.224	60	703	- .033	.044	.243	- .159	60	937	- .232	.088	.094	- .697
60	561	- .293	.125	- .468	- .770	60	704	- .025	.048	.240	- .132	60	938	- .272	.093	.023	- .707
60	562	- .192	.108	- .272	- .630	60	705	- .029	.049	.264	- .149	60	939	- .011	.045	.242	- .162
60	563	- .189	.101	- .135	- .658	60	707	- .027	.046	.245	- .151	60	940	- .253	.073	.009	- .593
60	564	- .220	.077	- .040	- .544	60	708	- .052	.043	.263	- .067	60	941	- .520	.207	.399	- 1.696
60	565	- .311	.071	- .112	- .623	60	709	- .073	.050	.334	- .062	60	942	- .259	.076	- .003	- .581
60	566	- .306	.062	- .093	- .570	60	710	- .076	.058	.419	- .069	60	943	- .371	.119	- .020	- .985
60	567	- .274	.050	- .156	- .475	60	711	- .089	.057	.383	- .043	60	944	- .294	.120	.770	- .018
60	568	- .297	.065	- .135	- .619	60	712	- .095	.057	.402	- .034	60	945	- .334	.126	.154	- .809
60	569	- .251	.051	- .100	- .519	60	713	- .083	.051	.341	- .045	60	946	- .479	.148	.045	- 1.080
60	570	- .272	.053	- .116	- .584	60	714	- .053	.044	.261	- .057	60	947	- .114	.091	.536	- .491
60	571	- .277	.122	- .007	- 1.045	60	801	- .262	.074	- .108	- .732	60	948	- .065	.055	.338	- .064
60	572	- .285	.130	- .051	- .944	60	802	- .137	.072	.443	- .036	60	949	- .071	.048	.306	- .133
60	573	- .014	.043	- .188	- .133	60	803	- .101	.053	.315	- .033	60	950	- .017	.048	.289	- .184
60	574	- .016	.043	- .202	- .165	60	901	- .281	.059	- .124	- .621	60	951	- .006	.041	.315	- .189
60	575	- .014	.044	- .195	- .119	60	902	- .274	.056	- .112	- .545	60	1101	- .164	.073	.040	- .576
60	576	- .002	.053	- .209	- .195	60	903	- .238	.098	- .242	- .666	60	1102	- .193	.078	- .002	- .562
60	577	- .000	.054	- .227	- .318	60	904	- .340	.081	- .122	- .650	60	1103	- .145	.063	.031	- .480
60	578	- .398	.152	- .095	- 1.259	60	905	- .273	.148	.368	- .868	60	1104	- .131	.128	.486	- .758
60	579	- .260	.108	- .040	- .819	60	906	- .016	.054	.285	- .129	60	1105	- .121	.144	.906	- .240
60	580	- .045	.060	- .272	- .240	60	907	- .063	.048	.313	- .065	60	1106	- .111	.163	.776	- .394
60	581	- .030	.059	- .277	- .176	60	908	- .064	.047	.258	- .065	60	1107	- .120	.148	.748	- .265
60	582	- .041	.056	- .224	- .188	60	909	- .027	.056	.394	- .222	60	1108	- .043	.147	.547	- .872
60	583	- .326	.141	- .016	- 1.165	60	910	- .020	.052	- .308	- .165	60	1109	- .078	.049	.127	- .230
60	584	- .004	.061	- .309	- .188	60	911	- .277	.057	- .101	- .588	60	1110	- .137	.054	.012	- .387
60	585	- .008	.057	- .214	- .181	60	912	- .012	.045	- .225	- .105	60	1111	- .111	.051	.073	- .403
60	586	- .002	.059	- .221	- .177	60	913	- .258	.044	- .143	- .438	60	1112	- .123	.051	.073	- .412
60	601	- .004	.036	- .198	- .188	60	914	- .255	.055	- .081	- .490	60	1113	- .189	.082	.071	- .648

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1201	-344	.096	-.081	-.769	70	126	-.236	.045	-.088	-.419	70	176	-.019	.045	.227	-.101
60	1202	-.323	.077	-.074	-.648	70	127	-.248	.046	-.114	-.426	70	177	-.015	.039	.192	-.121
60	1203	-.284	.065	-.111	-.592	70	128	-.249	.042	-.128	-.391	70	178	-.045	.038	.106	-.172
60	1204	-.323	.066	-.139	-.615	70	129	-.166	.219	.673	-1.015	70	201	-.115	.170	.467	-.568
60	1205	-.324	.070	-.130	-.641	70	130	-.133	.261	.614	-.830	70	202	-.056	.226	.686	-.667
60	1206	-.277	.084	.054	-.685	70	131	.036	.210	.415	-.971	70	203	.173	.330	.978	-.857
60	1207	-.100	.174	.596	-.830	70	132	.036	.083	.379	-.600	70	204	.154	.160	.763	-.571
60	1208	-.012	.137	.547	-.902	70	133	-.065	.055	.189	-.381	70	205	.329	.157	.869	-.359
60	1209	-.466	.196	-.010	-1.552	70	134	-.299	.056	-.135	-.494	70	206	.398	.162	1.044	-.281
60	1210	-.398	.124	-.053	-1.143	70	135	-.256	.050	-.118	-.454	70	207	-.275	.081	.004	-.716
60	1211	-.370	.116	-.023	-.917	70	136	-.259	.053	-.090	-.468	70	208	-.305	.093	-.017	-.726
60	1301	-.295	.066	-.125	-.692	70	137	-.256	.054	-.088	-.644	70	209	-.488	.171	-.022	-1.163
60	1302	-.254	.058	-.076	-.557	70	138	-.136	.230	.696	-.917	70	210	-.311	.125	.055	-.945
60	1303	-.274	.052	-.123	-.524	70	139	-.116	.242	.551	-1.004	70	211	-.339	.122	.116	-.805
60	1304	-.308	.068	-.130	-.606	70	140	-.001	.196	.548	-.898	70	212	-.241	.167	.485	-.754
60	1305	-.270	.059	-.128	-.601	70	141	-.005	.094	.262	-.651	70	213	-.248	.229	.560	-1.079
60	1306	-.309	.065	-.109	-.599	70	142	-.081	.062	.180	-.515	70	214	-.109	.263	.850	-.788
60	1307	-.315	.069	-.125	-.599	70	143	-.300	.084	-.069	-.792	70	215	.084	.063	.181	-.307
60	1308	-.326	.067	-.107	-.625	70	144	-.272	.083	-.057	-.675	70	216	-.023	.075	.235	-.354
60	1309	-.308	.075	-.092	-.568	70	145	-.328	.089	-.100	-.849	70	217	.023	.082	.361	-.260
60	1310	-.291	.072	-.097	-.662	70	146	-.328	.096	-.109	-.776	70	218	.047	.092	.410	-.305
60	1311	-.312	.068	-.139	-.629	70	147	-.157	.162	.490	-.980	70	219	.142	.112	.544	-.225
60	1312	-.280	.077	-.005	-.657	70	148	-.088	.173	.417	-.926	70	220	.237	.145	.787	-.246
60	1313	-.318	.071	-.118	-.625	70	149	-.007	.128	.348	-.704	70	221	.045	.083	.394	-.211
60	1314	-.298	.064	-.121	-.643	70	150	-.002	.069	.388	-.552	70	222	.156	.100	.506	-.169
70	101	-.155	.271	.488	-1.136	70	151	-.061	.048	.234	-.436	70	223	.209	.123	.670	-.176
70	102	-.026	.083	.257	-.485	70	152	-.298	.083	-.019	-.709	70	224	.248	.148	.719	-.172
70	103	-.126	.051	.131	-.364	70	153	-.387	.134	-.074	-1.109	70	225	.304	.154	.927	-.118
70	104	-.284	.111	.311	-.938	70	154	-.262	.126	.537	-.694	70	226	-.062	.060	.160	-.268
70	105	-.171	.192	.635	-.703	70	155	-.163	.180	.618	-.706	70	227	.055	.075	.338	-.193
70	106	.073	.252	.840	-.609	70	156	-.123	.051	.132	-.377	70	228	.189	.103	.675	-.144
70	107	.020	.107	.323	-.379	70	157	-.238	.072	-.004	-.702	70	229	.244	.111	.726	-.130
70	108	-.087	.061	.098	-.372	70	158	-.308	.118	-.038	-1.325	70	230	.338	.130	.756	-.017
70	109	-.225	.053	-.020	-.515	70	159	-.226	.057	-.055	-.458	70	231	.403	.162	1.018	-.071
70	110	-.364	.092	-.095	-.755	70	160	-.179	.062	.023	-.429	70	232	.283	.119	.724	-.013
70	111	-.237	.201	.487	-1.304	70	161	-.114	.065	.189	-.424	70	233	.343	.119	.733	.004
70	112	-.098	.232	.447	-.872	70	162	-.055	.099	.360	-.732	70	234	.440	.147	.901	.057
70	113	-.005	.097	.278	-.865	70	163	-.023	.096	.305	-.803	70	235	.477	.170	1.084	.039
70	114	.016	.068	.276	-.548	70	164	.020	.082	.267	-.578	70	236	.451	.174	.997	-.071
70	115	-.061	.053	.184	-.224	70	165	.033	.061	.270	-.410	70	237	-.070	.054	.170	-.256
70	116	-.292	.054	-.104	-.459	70	166	-.009	.047	.194	-.166	70	238	.046	.073	.310	-.204
70	117	-.239	.046	-.095	-.433	70	167	-.035	.043	.229	-.195	70	239	.189	.094	.670	-.140
70	118	-.257	.051	-.097	-.504	70	168	-.239	.077	-.022	-.626	70	240	.242	.112	.634	-.086
70	119	-.252	.054	-.107	-.525	70	169	-.541	.188	-.166	-1.450	70	241	.347	.123	.854	.044
70	120	-.173	.203	.633	-1.072	70	170	-.067	.059	.274	-.259	70	242	.397	.150	.939	.006
70	121	-.100	.276	.666	-.910	70	171	-.014	.134	.445	-.692	70	243	.335	.121	.750	.011
70	122	.062	.174	.485	-.891	70	172	.026	.119	.519	-.952	70	244	.376	.128	.809	.034
70	123	.041	.077	.351	-.485	70	173	.064	.091	.419	-.681	70	245	.409	.146	.852	-.020
70	124	-.054	.054	.187	-.252	70	174	.079	.065	.433	-.117	70	246	.456	.159	.972	.044
70	125	-.289	.055	-.109	-.499	70	175	.038	.054	.310	-.082	70	247	.361	.170	.918	-.079

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	248	-.097	.048	.112	-.270	70	298	.186	.079	.547	-.013	70	443	-.237	.044	-.064	-.504
70	249	-.003	.061	.289	-.244	70	299	.116	.060	.466	-.031	70	444	-.255	.052	-.095	-.672
70	250	.127	.083	.486	-.107	70	300	.084	.052	.357	-.080	70	445	-.252	.051	-.119	-.520
70	251	.169	.103	.589	-.103	70	301	.059	.037	.222	-.082	70	446	-.230	.045	-.090	-.431
70	252	.233	.107	.703	-.063	70	302	-.019	.045	.176	-.254	70	447	-.229	.043	-.102	-.407
70	253	.360	.123	.899	.067	70	303	.016	.028	.148	-.073	70	448	-.220	.044	-.064	-.412
70	254	.341	.119	.795	.072	70	304	.014	.024	.111	-.052	70	449	-.224	.044	-.081	-.374
70	255	.335	.127	.738	.030	70	305	.007	.023	.094	-.082	70	450	-.253	.054	-.056	-.542
70	256	.357	.128	.871	.039	70	401	-.238	.072	-.019	-.628	70	451	-.255	.054	-.114	-.537
70	257	.358	.163	.882	-.008	70	402	-.245	.067	-.036	-.574	70	452	-.254	.050	-.114	-.523
70	258	.288	.154	.880	-.124	70	403	-.249	.068	-.026	-.666	70	453	-.249	.047	-.098	-.473
70	259	.170	.109	.589	-.249	70	404	-.242	.057	-.091	-.541	70	454	-.251	.049	-.098	-.532
70	260	.174	.167	.618	-.462	70	405	-.228	.055	-.001	-.486	70	455	-.275	.064	-.034	-.594
70	261	.309	.126	.800	-.020	70	406	-.243	.062	-.040	-.541	70	456	-.276	.061	-.121	-.598
70	262	-.119	.052	.105	-.275	70	407	-.267	.076	-.024	-.590	70	457	-.264	.057	-.124	-.598
70	263	-.036	.053	.245	-.211	70	408	-.292	.088	-.036	-.783	70	458	-.256	.055	-.081	-.537
70	264	.066	.070	.429	-.086	70	409	-.225	.054	-.037	-.448	70	459	-.250	.056	-.090	-.565
70	265	.128	.078	.512	-.044	70	410	-.222	.056	-.022	-.465	70	460	-.244	.049	-.112	-.440
70	266	.180	.089	.547	-.055	70	411	-.263	.050	-.112	-.526	70	461	-.238	.047	-.086	-.416
70	267	.211	.097	.589	-.046	70	412	-.241	.054	-.048	-.465	70	462	-.273	.071	-.050	-.669
70	268	.223	.112	.760	-.027	70	413	-.248	.060	-.041	-.491	70	463	-.293	.078	-.114	-.856
70	269	.206	.115	.701	-.122	70	414	-.229	.053	-.031	-.531	70	464	-.278	.064	-.135	-.660
70	270	.148	.120	.632	-.162	70	415	-.222	.057	-.036	-.550	70	465	-.289	.088	-.112	-.842
70	271	.150	.047	.001	-.353	70	416	-.237	.069	-.026	-.642	70	466	-.297	.090	-.095	-.823
70	272	.071	.041	.126	-.247	70	417	-.227	.057	-.033	-.507	70	467	-.297	.083	-.098	-.785
70	273	.015	.040	.216	-.143	70	418	-.216	.051	-.005	-.429	70	468	-.283	.075	-.086	-.707
70	274	.075	.050	.304	-.107	70	419	-.217	.055	-.055	-.488	70	469	-.274	.079	-.112	-.1.099
70	275	.115	.062	.417	-.070	70	420	-.242	.053	-.062	-.555	70	470	-.258	.062	-.100	-.554
70	276	.118	.061	.436	-.053	70	421	-.241	.052	-.088	-.567	70	471	-.260	.065	-.063	-.729
70	277	.113	.067	.441	-.070	70	422	-.239	.047	-.107	-.455	70	472	-.260	.070	-.082	-.732
70	278	.074	.058	.299	-.110	70	423	-.214	.046	-.076	-.441	70	473	-.252	.085	-.008	-.748
70	279	.063	.074	.436	-.266	70	424	-.221	.052	-.064	-.571	70	474	-.235	.081	-.008	-.776
70	280	.020	.055	.282	-.329	70	425	-.231	.052	-.090	-.554	70	475	-.243	.083	-.008	-.818
70	281	.019	.050	.261	-.136	70	426	-.221	.048	-.062	-.476	70	476	-.252	.088	-.001	-.889
70	282	.011	.043	.261	-.162	70	427	-.216	.049	-.046	-.509	70	477	-.242	.085	-.052	-.850
70	283	.003	.038	.306	-.122	70	428	-.214	.048	-.064	-.381	70	478	-.246	.089	-.005	-.769
70	284	.006	.040	.329	-.172	70	429	-.249	.055	-.022	-.502	70	479	-.268	.096	-.066	-.862
70	285	.058	.051	.273	-.182	70	430	-.234	.045	-.050	-.424	70	480	-.286	.096	.011	-.929
70	286	.004	.071	.229	-.530	70	431	-.224	.041	-.093	-.405	70	501	-.320	.070	-.066	-.552
70	287	.033	.061	.136	-.439	70	432	-.223	.048	-.060	-.555	70	502	-.313	.076	-.094	-.667
70	288	.037	.053	.148	-.307	70	433	-.240	.049	-.072	-.554	70	503	-.434	.132	-.099	-.938
70	289	.016	.042	.166	-.186	70	434	-.227	.045	-.093	-.428	70	504	-.236	.064	-.024	-.520
70	290	.004	.029	.129	-.108	70	435	-.221	.043	-.074	-.424	70	505	-.241	.066	-.041	-.566
70	291	.000	.025	.136	-.096	70	436	-.211	.043	-.064	-.407	70	506	-.244	.065	-.040	-.566
70	292	.002	.025	.113	-.084	70	437	-.216	.047	-.072	-.398	70	507	-.266	.062	-.068	-.520
70	293	.103	.055	.136	-.328	70	438	-.236	.046	-.081	-.459	70	508	-.307	.084	-.094	-.639
70	294	.088	.066	.363	-.077	70	439	-.236	.047	-.102	-.426	70	509	-.242	.060	-.040	-.608
70	295	.173	.075	.561	-.006	70	440	-.241	.047	-.107	-.471	70	510	-.236	.056	-.010	-.508
70	296	.211	.091	.558	-.008	70	441	-.248	.051	-.006	-.466	70	511	-.239	.047	-.087	-.424
70	297	.236	.101	.814	-.029	70	442	-.238	.044	-.064	-.424	70	512	-.235	.048	-.078	-.475

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	513	-.236	.049	-.068	-.421	70	563	-.254	.091	-.021	-.692	70	707	.024	.043	.239	-.143
70	514	-.238	.051	-.096	-.435	70	564	-.245	.071	-.035	-.530	70	708	.025	.035	.203	-.093
70	515	-.272	.064	-.110	-.541	70	565	-.262	.051	-.130	-.491	70	709	.039	.039	.229	-.081
70	516	-.272	.086	-.061	-.877	70	566	-.281	.059	-.130	-.509	70	710	.043	.047	.292	-.058
70	517	-.216	.051	-.071	-.480	70	567	-.263	.052	-.130	-.537	70	711	.062	.053	.372	-.185
70	518	-.239	.053	-.085	-.499	70	568	-.271	.052	-.128	-.484	70	712	.089	.053	.443	-.032
70	519	-.222	.051	-.028	-.487	70	569	-.245	.048	-.093	-.401	70	713	.088	.058	.490	-.056
70	520	-.253	.057	-.071	-.515	70	570	-.255	.049	-.090	-.459	70	714	.066	.047	.323	-.065
70	521	-.225	.055	-.050	-.501	70	571	-.310	.110	-.081	-.847	70	801	-.272	.086	-.085	-1.034
70	522	-.224	.055	-.040	-.508	70	572	-.280	.100	.023	-.820	70	802	.166	.080	.469	-.010
70	523	-.229	.044	-.092	-.393	70	573	-.004	.037	.187	-.118	70	803	.112	.054	.326	-.020
70	524	-.237	.043	-.096	-.398	70	574	.006	.038	.169	-.137	70	901	-.251	.049	-.043	-.435
70	525	-.228	.043	-.089	-.447	70	575	-.006	.037	.150	-.155	70	902	-.259	.052	-.110	-.478
70	526	-.228	.048	-.079	-.397	70	576	-.028	.041	.178	-.202	70	903	-.244	.069	.019	-.555
70	527	-.234	.049	-.080	-.426	70	577	-.031	.043	.176	-.256	70	904	-.275	.071	-.057	-.533
70	528	-.246	.051	-.099	-.555	70	578	-.468	.153	-.139	-1.202	70	905	-.272	.103	.134	-.741
70	529	-.248	.051	-.094	-.543	70	579	-.275	.097	.039	-.771	70	906	-.028	.038	.208	-.134
70	530	-.255	.061	-.087	-.625	70	580	-.070	.058	.213	-.317	70	907	.045	.040	.220	-.065
70	531	-.251	.055	-.087	-.527	70	581	-.074	.047	.158	-.209	70	908	.040	.039	.222	-.089
70	532	-.206	.046	-.073	-.379	70	582	-.078	.046	.156	-.231	70	909	.007	.048	.263	-.153
70	533	-.211	.048	-.054	-.424	70	583	-.484	.155	-.086	-1.257	70	910	-.003	.039	.189	-.115
70	534	-.245	.050	-.092	-.571	70	584	-.047	.050	.215	-.213	70	911	-.261	.061	-.067	-.562
70	535	-.239	.049	-.103	-.398	70	585	-.048	.046	.164	-.199	70	912	-.005	.040	.198	-.146
70	536	-.251	.048	-.113	-.459	70	586	-.037	.050	.180	-.178	70	913	-.230	.043	-.081	-.385
70	537	-.229	.044	-.101	-.403	70	601	-.011	.035	.136	-.408	70	914	-.260	.068	-.074	-.567
70	538	-.238	.045	-.117	-.442	70	602	-.010	.034	.151	-.261	70	915	-.269	.076	.036	-.502
70	539	-.235	.043	-.103	-.391	70	603	-.005	.034	.143	-.218	70	916	-.337	.075	-.086	-.708
70	540	-.245	.047	-.087	-.421	70	604	-.002	.032	.173	-.160	70	917	-.145	.055	.038	-.361
70	541	-.254	.057	-.082	-.557	70	605	.002	.034	.190	-.148	70	918	.064	.047	.301	-.081
70	542	-.266	.065	-.014	-.552	70	606	.005	.035	.166	-.144	70	919	.070	.037	.227	-.024
70	543	-.216	.044	-.064	-.435	70	607	.006	.037	.189	-.134	70	920	.073	.032	.206	-.031
70	544	-.221	.049	-.054	-.506	70	608	-.001	.024	.096	-.113	70	921	.067	.030	.186	-.057
70	545	-.216	.047	-.005	-.468	70	609	-.002	.024	.108	-.083	70	922	.041	.026	.165	-.050
70	546	-.231	.045	-.051	-.422	70	610	.001	.026	.117	-.111	70	923	-.040	.023	.036	-.129
70	547	-.273	.081	-.060	-.746	70	611	.004	.026	.115	-.122	70	924	-.117	.046	.009	-.383
70	548	-.288	.078	-.051	-.672	70	612	.010	.026	.129	-.071	70	925	.033	.021	.160	-.050
70	549	-.288	.079	-.051	-.736	70	613	.009	.028	.168	-.092	70	926	-.094	.048	.062	-.337
70	550	-.271	.076	-.007	-.734	70	614	.008	.031	.154	-.173	70	927	-.020	.031	.105	-.117
70	551	-.263	.061	-.114	-.579	70	615	-.001	.023	.126	-.074	70	928	-.181	.066	.033	-.495
70	552	-.259	.054	-.114	-.558	70	616	.001	.023	.128	-.071	70	929	-.171	.055	.045	-.423
70	553	-.260	.052	-.097	-.498	70	617	-.003	.024	.093	-.079	70	930	-.303	.109	.007	-.878
70	554	-.267	.057	-.095	-.563	70	618	.002	.025	.158	-.066	70	931	-.236	.095	.100	-.576
70	555	-.279	.063	-.051	-.614	70	619	.008	.026	.140	-.080	70	932	.060	.075	.461	-.607
70	556	-.217	.040	-.084	-.364	70	620	.006	.028	.159	-.078	70	933	.048	.048	.268	-.184
70	557	-.239	.042	-.114	-.431	70	621	.004	.029	.212	-.085	70	934	.066	.050	.339	-.062
70	558	-.233	.050	-.065	-.489	70	701	-.017	.031	.098	-.221	70	935	-.013	.055	.227	-.277
70	559	-.244	.051	-.044	-.472	70	702	-.002	.037	.169	-.140	70	936	-.007	.036	.198	-.132
70	560	-.375	.124	-.121	-1.162	70	703	.015	.037	.188	-.090	70	937	-.262	.093	.029	-.713
70	561	-.313	.088	-.155	-.713	70	704	-.005	.039	.167	-.128	70	938	-.264	.124	.201	-.957
70	562	-.247	.092	.030	-.586	70	705	.012	.044	.179	-.136	70	939	-.007	.042	.222	-.146

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	940	-.259	.079	.064	-.391	80	101	-.462	.250	.354	-1.356	80	151	-.089	.054	-.109	-.470
70	941	-.458	.168	.050	-1.055	80	102	-.197	.144	.158	-.923	80	152	-.279	.077	-.073	-.609
70	942	-.262	.074	-.012	-.617	80	103	-.180	.081	.084	-.669	80	153	-.290	.088	-.080	-.735
70	943	-.330	.115	.373	-.995	80	104	-.378	.142	.135	-1.236	80	154	-.275	.078	-.272	-.732
70	944	-.377	.138	1.002	-.067	80	105	-.355	.150	.249	-.923	80	155	-.250	.092	.373	-.675
70	945	-.279	.110	.141	-.727	80	106	-.350	.127	.336	-1.031	80	156	-.150	.049	.033	-.394
70	946	-.420	.153	.009	-1.095	80	107	-.174	.127	.242	-.766	80	157	-.269	.074	-.059	-.559
70	947	-.031	.136	.483	-.850	80	108	-.134	.070	.170	-.490	80	158	-.352	.121	-.087	-1.034
70	948	-.073	.056	.380	-.116	80	109	-.180	.054	.041	-.383	80	159	-.232	.053	-.080	-.465
70	949	-.082	.049	.371	-.034	80	110	-.280	.088	-.048	-.659	80	160	-.210	.063	-.005	-.477
70	950	-.012	.053	.310	-.464	80	111	-.488	.199	.027	-1.676	80	161	-.144	.060	.095	-.411
70	951	-.016	.039	.212	-.158	80	112	-.476	.218	.308	-1.410	80	162	-.133	.107	.312	-.694
70	1101	-.147	.064	.040	-.450	80	113	-.194	.156	.158	-1.054	80	163	-.093	.108	.269	-.687
70	1102	-.158	.065	.033	-.559	80	114	-.113	.072	.113	-.511	80	164	-.049	.109	.281	-.656
70	1103	-.130	.054	.045	-.369	80	115	-.125	.046	-.036	-.434	80	165	-.002	.068	.203	-.401
70	1104	-.096	.126	.403	-.735	80	116	-.270	.063	-.078	-.539	80	166	-.002	.046	.187	-.224
70	1105	-.140	.157	.911	-.190	80	117	-.212	.051	-.034	-.401	80	167	-.053	.043	.104	-.255
70	1106	-.133	.177	.976	-.447	80	118	-.224	.060	-.053	-.485	80	168	-.260	.085	-.021	-.805
70	1107	-.113	.158	.809	-.317	80	119	-.226	.055	-.027	-.511	80	169	-.539	.186	-.153	-1.317
70	1108	-.086	.134	.300	-.754	80	120	-.462	.153	.046	-1.143	80	170	-.113	.055	.163	-.340
70	1109	-.080	.040	.154	-.245	80	121	-.465	.189	.425	-1.363	80	171	-.134	.161	.272	-.986
70	1110	-.121	.055	.026	-.403	80	122	-.287	.245	.284	-1.258	80	172	-.119	.170	.387	-.961
70	1111	-.097	.040	.075	-.301	80	123	-.095	.111	.120	-.694	80	173	-.021	.108	.449	-.725
70	1112	-.117	.048	.075	-.375	80	124	-.122	.053	-.053	-.443	80	174	-.050	.055	.325	-.196
70	1113	-.179	.076	.066	-.538	80	125	-.257	.063	-.008	-.495	80	175	-.015	.043	.199	-.107
70	1201	-.307	.079	-.111	-.696	80	126	-.218	.051	-.046	-.427	80	176	-.007	.040	.148	-.171
70	1202	-.287	.067	-.050	-.552	80	127	-.225	.053	-.055	-.469	80	177	-.043	.038	.109	-.171
70	1203	-.268	.055	-.099	-.510	80	128	-.222	.054	-.015	-.455	80	178	-.077	.041	.125	-.224
70	1204	-.275	.054	-.125	-.529	80	129	-.434	.153	.209	-1.110	80	201	-.185	.160	.626	-.739
70	1205	-.270	.058	-.111	-.578	80	130	-.456	.172	.254	-1.213	80	202	-.189	.164	.609	-.800
70	1206	-.261	.060	-.078	-.580	80	131	-.317	.253	.280	-1.229	80	203	-.139	.213	.816	-.696
70	1207	-.169	.110	.345	-.571	80	132	-.133	.154	.170	-1.066	80	204	-.264	.191	.806	-.458
70	1208	-.051	.111	-.440	-.545	80	133	-.128	.073	.071	-.600	80	205	.372	.222	1.034	-.411
70	1209	-.428	.155	-.034	-1.242	80	134	-.263	.068	-.067	-.563	80	206	-.372	.213	.937	-.522
70	1210	-.352	.110	-.071	-.914	80	135	-.225	.058	-.015	-.663	80	207	-.253	.083	.032	-.633
70	1211	-.287	.075	-.083	-.759	80	136	-.214	.051	-.053	-.434	80	208	-.285	.088	-.000	-.721
70	1301	-.273	.059	-.099	-.531	80	137	-.221	.056	-.032	-.539	80	209	-.327	.109	-.000	-.914
70	1302	-.259	.060	-.081	-.612	80	138	-.415	.165	.090	-1.227	80	210	-.379	.140	.127	-.947
70	1303	-.270	.052	-.146	-.645	80	139	-.401	.212	.399	-1.531	80	211	-.344	.101	.009	-.782
70	1304	-.265	.054	-.127	-.494	80	140	-.235	.223	.366	-1.248	80	212	-.381	.185	.597	-1.154
70	1305	-.262	.049	-.148	-.480	80	141	-.104	.126	.305	-.876	80	213	-.388	.155	.365	-1.005
70	1306	-.279	.055	-.148	-.531	80	142	-.120	.065	-.083	-.542	80	214	-.383	.143	.351	-.970
70	1307	-.275	.055	-.087	-.503	80	143	-.247	.075	-.036	-.556	80	215	-.034	.079	.395	-.300
70	1308	-.266	.052	-.139	-.547	80	144	-.226	.073	-.053	-.764	80	216	-.035	.088	.337	-.310
70	1309	-.274	.054	-.110	-.648	80	145	-.241	.065	-.074	-.626	80	217	-.073	.095	.430	-.263
70	1310	-.276	.065	-.076	-.587	80	146	-.252	.077	-.050	-.677	80	218	-.111	.107	.637	-.261
70	1311	-.289	.059	-.120	-.559	80	147	-.339	.161	.347	-1.120	80	219	-.169	.117	.541	-.193
70	1312	-.288	.077	-.029	-.715	80	148	-.274	.199	.333	-1.421	80	220	-.233	.136	.846	-.152
70	1313	-.277	.056	-.136	-.591	80	149	-.137	.181	.298	-1.017	80	221	-.058	.090	.430	-.293
70	1314	-.277	.055	-.111	-.615	80	150	-.057	.085	.154	-.562	80	222	-.147	.116	.657	-.147

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	223	.230	.124	.618	-.152	80	273	.033	.042	.187	-.111	80	418	-.219	.060	-.042	-.498
80	224	.251	.133	.671	-.154	80	274	.102	.053	.314	-.057	80	419	-.213	.056	-.021	-.477
80	225	.235	.146	.697	-.170	80	275	.150	.063	.464	-.020	80	420	-.244	.068	-.049	-.636
80	226	-.012	.071	.313	-.242	80	276	.156	.068	.487	-.010	80	421	-.229	.056	-.033	-.503
80	227	.119	.102	.567	-.133	80	277	.145	.071	.537	-.036	80	422	-.231	.050	-.085	-.484
80	228	.273	.125	.792	-.089	80	278	.092	.074	.450	-.104	80	423	-.209	.052	-.035	-.437
80	229	.321	.140	.939	-.145	80	279	.022	.069	.342	-.219	80	424	-.224	.066	-.016	-.751
80	230	.359	.141	.860	-.093	80	280	.029	.062	.323	-.264	80	425	-.233	.057	-.043	-.566
80	231	.416	.155	1.143	.025	80	281	.021	.053	.278	-.224	80	426	-.217	.052	-.069	-.578
80	232	.375	.136	.862	.023	80	282	.013	.046	.307	-.123	80	427	-.210	.051	-.036	-.439
80	233	.411	.151	.999	-.005	80	283	-.007	.042	.262	-.130	80	428	-.217	.051	-.055	-.465
80	234	.471	.163	.971	.032	80	284	.001	.041	.256	-.134	80	429	-.234	.062	-.027	-.573
80	235	.456	.172	1.076	-.063	80	285	.054	.050	.242	-.150	80	430	-.234	.056	-.079	-.590
80	236	.343	.157	.843	-.172	80	286	.019	.082	.318	-.486	80	431	-.220	.046	-.083	-.495
80	237	-.021	.065	.216	-.277	80	287	-.040	.059	.151	-.352	80	432	-.226	.058	-.060	-.717
80	238	.101	.088	.444	-.133	80	288	-.063	.059	.123	-.488	80	433	-.236	.057	-.060	-.568
80	239	.248	.111	.687	-.064	80	289	-.039	.041	.130	-.231	80	434	-.233	.061	-.074	-.686
80	240	.289	.125	.703	.071	80	290	-.021	.029	.102	-.132	80	435	-.219	.053	-.050	-.641
80	241	.387	.134	.802	.004	80	291	-.015	.026	.107	-.125	80	436	-.215	.054	-.034	-.606
80	242	.473	.147	1.065	.065	80	292	-.017	.026	.095	-.109	80	437	-.211	.053	-.050	-.484
80	243	.408	.137	.898	.088	80	293	-.074	.058	.160	-.362	80	438	-.236	.056	-.050	-.502
80	244	.431	.132	1.107	.086	80	294	.125	.070	.424	-.054	80	439	-.241	.055	-.083	-.545
80	245	.446	.153	.908	.077	80	295	.218	.083	.539	-.033	80	440	-.242	.058	-.055	-.542
80	246	.430	.153	.864	.001	80	296	.234	.088	.578	-.008	80	441	-.239	.054	-.036	-.432
80	247	.289	.156	.854	-.189	80	297	.253	.101	.741	-.024	80	442	-.231	.056	-.036	-.472
80	248	-.068	.055	.187	-.254	80	298	.201	.081	.610	-.017	80	443	-.225	.054	-.031	-.648
80	249	.040	.068	.408	-.182	80	299	.119	.058	.433	-.029	80	444	-.254	.062	-.088	-.750
80	250	.162	.081	.457	-.057	80	300	.086	.057	.401	-.120	80	445	-.250	.061	-.071	-.618
80	251	.225	.102	.628	-.069	80	301	.068	.045	.261	-.072	80	446	-.248	.060	-.083	-.670
80	252	.267	.116	.762	-.121	80	302	-.043	.052	.109	-.329	80	447	-.226	.049	-.076	-.434
80	253	.409	.134	.962	.053	80	303	-.008	.030	.135	-.107	80	448	-.222	.049	-.029	-.472
80	254	.381	.131	.849	.051	80	304	.063	.027	.132	-.075	80	449	-.224	.052	-.038	-.436
80	255	.363	.134	.868	-.020	80	305	-.004	.024	.102	-.095	80	450	-.268	.073	-.060	-.738
80	256	.414	.148	1.133	.065	80	401	-.243	.097	.003	-.845	80	451	-.271	.073	-.112	-.823
80	257	.328	.143	.952	.048	80	402	-.246	.088	.078	-.847	80	452	-.264	.069	-.083	-.806
80	258	.231	.149	.732	-.153	80	403	-.251	.090	.010	-.944	80	453	-.235	.053	-.067	-.519
80	259	.197	.101	.600	-.200	80	404	-.223	.062	-.022	-.603	80	454	-.236	.059	-.064	-.488
80	260	.229	.167	.741	-.426	80	405	-.230	.064	-.061	-.509	80	455	-.284	.076	-.017	-.592
80	261	.364	.129	.966	-.016	80	406	-.231	.071	-.017	-.653	80	456	-.275	.064	-.048	-.575
80	262	-.104	.046	.166	-.292	80	407	-.231	.071	-.006	-.591	80	457	-.268	.067	-.104	-.615
80	263	-.008	.053	.232	-.186	80	408	-.245	.085	.022	-.927	80	458	-.265	.064	-.102	-.590
80	264	.119	.072	.447	-.088	80	409	-.196	.056	.018	-.430	80	459	-.250	.061	-.053	-.552
80	265	.178	.080	.551	-.064	80	410	-.196	.054	-.035	-.462	80	460	-.251	.060	-.071	-.568
80	266	.223	.094	.687	-.006	80	411	-.237	.063	-.002	-.555	80	461	-.248	.062	-.055	-.644
80	267	.272	.103	.694	-.034	80	412	-.225	.060	-.035	-.566	80	462	-.270	.086	-.057	-.771
80	268	.273	.114	.781	-.036	80	413	-.229	.059	-.047	-.512	80	463	-.294	.088	-.041	-.787
80	269	.240	.123	.825	-.069	80	414	-.216	.060	-.009	-.531	80	464	-.288	.081	-.071	-.759
80	270	.128	.113	.574	-.212	80	415	-.229	.070	-.066	-.574	80	465	-.282	.098	-.036	-.851
80	271	.135	.047	.030	-.341	80	416	-.235	.074	-.007	-.673	80	466	-.302	.112	-.008	-1.183
80	272	-.056	.042	.131	-.240	80	417	-.225	.063	-.023	-.743	80	467	-.288	.100	-.016	-.957

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	468	- .286	.097	- .046	-1. 204	80	538	- .205	.044	- .057	- .370	80	602	- .028	.036	.134	- .280
80	469	- .280	.094	- .100	- .945	80	539	- .211	.049	- .040	- .490	80	603	- .023	.035	.153	- .206
80	470	- .275	.084	- .086	- .955	80	540	- .216	.051	- .045	- .481	80	604	- .015	.035	.151	- .204
80	471	- .254	.079	- .065	- .750	80	541	- .206	.051	- .043	- .421	80	605	- .009	.036	.204	- .172
80	472	- .241	.067	- .089	- .643	80	542	- .219	.062	- .027	- .546	80	606	- .003	.037	.186	- .220
80	473	- .239	.084	- .006	- .791	80	543	- .207	.052	- .059	- .511	80	607	- .002	.038	.157	- .137
80	474	- .225	.086	.047	- .908	80	544	- .212	.048	- .068	- .397	80	608	- .018	.026	.109	- .160
80	475	- .240	.096	- .056	- .828	80	545	- .201	.051	- .036	- .414	80	609	- .015	.026	.118	- .151
80	476	- .242	.097	- .024	- .975	80	546	- .200	.049	- .018	- .422	80	610	- .013	.027	.095	- .158
80	477	- .226	.086	- .012	- .748	80	547	- .212	.061	- .041	- .518	80	611	- .007	.027	.123	- .105
80	478	- .227	.098	.047	- .945	80	548	- .226	.066	- .044	- .527	80	612	.000	.029	.155	- .130
80	479	- .254	.104	- .031	-1. 221	80	549	- .215	.057	- .025	- .477	80	613	.002	.031	.127	- .093
80	480	- .279	.102	- .038	-1. 007	80	550	- .208	.058	- .007	- .720	80	614	.005	.035	.164	- .109
80	501	- .263	.078	- .022	- .733	80	551	- .217	.056	- .039	- .603	80	615	- .011	.023	.082	- .087
80	502	- .254	.078	- .038	- .553	80	552	- .222	.048	- .092	- .523	80	616	- .012	.022	.077	- .079
80	503	- .295	.086	- .034	- .740	80	553	- .232	.050	- .087	- .429	80	617	- .012	.025	.112	- .089
80	504	- .224	.073	.001	- .689	80	554	- .223	.055	- .037	- .429	80	618	- .009	.026	.099	- .092
80	505	- .215	.074	.004	- .605	80	555	- .238	.069	- .005	- .633	80	619	- .000	.030	.152	- .107
80	506	- .221	.070	.017	- .597	80	556	- .201	.050	- .002	- .429	80	620	.002	.031	.159	- .081
80	507	- .225	.065	- .036	- .539	80	557	- .217	.049	- .060	- .571	80	621	.004	.032	.164	- .095
80	508	- .211	.060	.038	- .444	80	558	- .219	.063	- .050	- .617	80	701	- .039	.039	.098	- .332
80	509	- .215	.062	- .043	- .611	80	559	- .218	.062	- .039	- .697	80	702	- .014	.039	.208	- .130
80	510	- .214	.060	- .015	- .520	80	560	- .274	.085	- .071	- .899	80	703	- .000	.034	.140	- .116
80	511	- .207	.049	- .052	- .388	80	561	- .263	.075	- .089	- .704	80	704	- .026	.039	.173	- .161
80	512	- .211	.050	- .031	- .414	80	562	- .275	.070	- .087	- .642	80	705	- .013	.040	.157	- .161
80	513	- .208	.059	- .008	- .460	80	563	- .274	.069	- .064	- .566	80	707	.004	.051	.236	- .198
80	514	- .202	.058	- .010	- .522	80	564	- .255	.062	- .092	- .514	80	708	.012	.036	.152	- .081
80	515	- .204	.056	- .038	- .529	80	565	- .225	.054	- .083	- .502	80	709	.030	.038	.200	- .101
80	516	- .211	.057	- .050	- .562	80	566	- .234	.052	- .039	- .463	80	710	.030	.037	.168	- .069
80	517	- .192	.050	.080	- .390	80	567	- .229	.048	- .101	- .415	80	711	.037	.048	.253	- .088
80	518	- .212	.054	.017	- .460	80	568	- .241	.051	- .085	- .475	80	712	.091	.057	.392	- .060
80	519	- .218	.054	- .057	- .474	80	569	- .219	.052	- .032	- .463	80	713	.107	.067	.488	- .065
80	520	- .216	.052	- .027	- .425	80	570	- .236	.055	- .032	- .468	80	714	.075	.062	.387	- .076
80	521	- .209	.057	- .024	- .437	80	571	- .339	.107	- .092	- .919	80	801	- .259	.090	.054	- .902
80	522	- .209	.060	.001	- .453	80	572	- .301	.079	- .078	- .672	80	802	- .205	.081	.564	- .004
80	523	- .202	.047	- .036	- .404	80	573	- .004	.037	- .147	- .140	80	803	- .132	.060	.404	- .021
80	524	- .210	.052	- .045	- .421	80	574	- .003	.039	- .190	- .135	80	901	- .232	.056	.002	- .493
80	525	- .208	.053	- .031	- .400	80	575	- .016	.039	- .204	- .131	80	902	- .244	.059	.051	- .643
80	526	- .191	.046	- .047	- .393	80	576	- .039	.046	- .160	- .264	80	903	- .227	.062	.003	- .495
80	527	- .201	.049	- .052	- .400	80	577	- .037	.045	- .165	- .221	80	904	- .228	.067	.018	- .507
80	528	- .214	.049	- .027	- .448	80	578	- .502	.158	- .119	-1. 421	80	905	- .253	.076	.021	- .664
80	529	- .225	.054	- .059	- .527	80	579	- .327	.093	- .076	- .791	80	906	- .059	.035	.075	- .186
80	530	- .219	.054	- .008	- .516	80	580	- .118	.051	- .105	- .323	80	907	- .052	.044	.311	- .105
80	531	- .227	.060	- .022	- .492	80	581	- .101	.040	- .080	- .246	80	908	- .027	.038	.190	- .079
80	532	- .193	.051	- .027	- .478	80	582	- .106	.038	- .063	- .248	80	909	- .008	.052	.194	- .234
80	533	- .190	.048	- .020	- .397	80	583	- .561	.171	- .112	-1. 295	80	910	- .004	.048	.323	- .174
80	534	- .210	.053	- .029	- .564	80	584	- .085	.045	- .082	- .339	80	911	- .248	.063	.008	- .581
80	535	- .205	.048	- .006	- .409	80	585	- .094	.037	- .096	- .211	80	912	- .017	.040	.159	- .134
80	536	- .205	.051	- .036	- .557	80	586	- .075	.041	- .158	- .218	80	913	- .218	.049	.065	- .536
80	537	- .190	.049	- .028	- .354	80	601	- .039	.042	- .151	- .374	80	914	- .251	.076	.040	- .612

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	915	- .258	.076	- .013	- .631	80	1201	- .263	.072	- .001	- .664	90	126	- .218	.081	.090	- .610
80	916	- .271	.094	- .015	- .671	80	1202	- .248	.062	- .065	- .654	90	127	- .211	.072	.041	- .613
80	917	- .167	.071	.209	- .414	80	1203	- .238	.057	- .001	- .539	90	128	- .206	.070	.048	- .705
80	918	.041	.040	.273	- .074	80	1204	- .235	.053	- .093	- .457	90	129	- .523	.158	- .088	- 1.344
80	919	.053	.032	.201	- .055	80	1205	- .234	.055	- .077	- .447	90	130	- .542	.173	.001	- 1.483
80	920	.064	.035	.204	- .043	80	1206	- .246	.055	- .100	- .480	90	131	- .499	.207	.121	- 1.316
80	921	.060	.030	.182	- .096	80	1207	- .211	.063	- .072	- .452	90	132	- .345	.207	.203	- 1.180
80	922	.034	.025	.161	- .074	80	1208	- .129	.081	.201	- .553	90	133	- .243	.151	.151	- 1.043
80	923	- .035	.026	.047	- .139	80	1209	- .323	.134	.035	- 1.309	90	134	- .256	.105	.194	- .824
80	924	- .099	.047	.037	- .445	80	1210	- .297	.094	.088	- .749	90	135	- .226	.086	.017	- .792
80	925	- .029	.022	.125	- .065	80	1211	- .262	.062	- .093	- .636	90	136	- .204	.072	.039	- .587
80	926	- .103	.053	.071	- .443	80	1301	- .246	.061	- .003	- .521	90	137	- .206	.078	.013	- .789
80	927	.031	.031	.118	- .103	80	1302	- .242	.058	- .043	- .491	90	138	- .505	.195	.067	- 1.631
80	928	- .157	.066	.033	- .450	80	1303	- .248	.061	- .063	- .549	90	139	- .497	.208	.168	- 1.542
80	929	- .137	.062	.106	- .393	80	1304	- .241	.049	- .100	- .519	90	140	- .408	.241	.213	- 1.542
80	930	- .345	.122	- .013	- .847	80	1305	- .236	.054	- .066	- .459	90	141	- .271	.206	.241	- 1.389
80	931	- .219	.092	.075	- .564	80	1306	- .235	.047	- .119	- .418	90	142	- .205	.136	.109	- .921
80	932	.028	.072	.335	- .671	80	1307	- .239	.052	- .089	- .526	90	143	- .252	.101	.034	- .855
80	933	.041	.053	.270	- .300	80	1308	- .231	.056	- .091	- .553	90	144	- .246	.109	- .006	- .916
80	934	.056	.049	.244	- .058	80	1309	- .237	.056	- .032	- .461	90	145	- .220	.078	.062	- .639
80	935	- .040	.059	.187	- .298	80	1310	- .241	.063	- .003	- .556	90	146	- .229	.091	.036	- .784
80	936	- .026	.035	.159	- .146	80	1311	- .251	.061	.017	- .567	90	147	- .393	.187	.123	- 1.572
80	937	- .275	.091	.023	- .673	80	1312	- .259	.070	.040	- .631	90	148	- .366	.207	.215	- 1.372
80	938	- .314	.176	.484	- 1.016	80	1313	- .236	.048	- .073	- .461	90	149	- .219	.201	.177	- 1.320
80	939	- .028	.042	.201	- .191	80	1314	- .260	.066	- .089	- .592	90	150	- .135	.148	.158	- .928
80	940	- .266	.078	- .039	- .678	90	101	- .446	.159	.038	- 1.265	90	151	- .127	.100	.142	- .857
80	941	- .379	.111	- .041	- .835	90	102	- .371	.155	.079	- 1.036	90	152	- .239	.079	- .010	- .686
80	942	- .260	.076	- .003	- .711	90	103	- .280	.133	.090	- .835	90	153	- .263	.092	- .024	- .814
80	943	- .289	.103	.242	- 1.013	90	104	- .496	.195	.293	- 1.551	90	154	- .236	.080	.149	- .691
80	944	- .435	.153	1.081	- .102	90	105	- .341	.191	.624	- 1.085	90	155	- .234	.087	.263	- .746
80	945	- .321	.119	.166	- .826	90	106	- .469	.171	- .034	- 1.278	90	156	- .167	.073	.142	- .591
80	946	- .362	.092	.006	- .747	90	107	- .329	.137	.093	- .911	90	157	- .252	.073	- .008	- .660
80	947	- .085	.189	.506	- 1.140	90	108	- .211	.086	.107	- .582	90	158	- .332	.111	- .048	- 1.061
80	948	- .069	.062	.376	- .159	90	109	- .190	.074	.109	- .587	90	159	- .206	.047	- .072	- .409
80	949	- .099	.054	.325	- .098	90	110	- .220	.085	.024	- .667	90	160	- .182	.053	.044	- .421
80	950	- .040	.061	.255	- .331	90	111	- .669	.286	- .088	- 3.056	90	161	- .131	.052	.104	- .330
80	951	- .044	.043	.255	- .224	90	112	- .597	.221	.008	- 1.633	90	162	- .195	.137	.116	- .959
80	1101	- .152	.094	.127	- .758	90	113	- .462	.211	.095	- 1.401	90	163	- .176	.139	.191	- .943
80	1102	- .164	.094	.217	- .696	90	114	- .258	.147	.109	- 1.147	90	164	- .152	.181	.232	- 1.189
80	1103	- .148	.089	.282	- .567	90	115	- .199	.110	.114	- .991	90	165	- .040	.085	.191	- .530
80	1104	- .133	.127	.279	- .664	90	116	- .278	.103	- .001	- 1.006	90	166	- .029	.058	.251	- .316
80	1105	- .155	.147	.760	- .213	90	117	- .230	.083	.022	- 1.022	90	167	- .057	.047	.146	- .288
80	1106	- .164	.164	.930	- .500	90	118	- .214	.077	.008	- .629	90	168	- .223	.076	- .020	- .644
80	1107	- .131	.159	.797	- .339	90	119	- .201	.074	.024	- .702	90	169	- .487	.172	- .093	- 1.524
80	1108	- .084	.132	.401	- .937	90	120	- .598	.199	- .032	- 1.857	90	170	- .120	.054	.120	- .314
80	1109	- .091	.049	.104	- .291	90	121	- .572	.212	- .013	- 2.115	90	171	- .158	.176	.362	- 1.220
80	1110	- .132	.074	.104	- .523	90	122	- .539	.217	.081	- 1.309	90	172	- .161	.193	.281	- 1.177
80	1111	- .122	.063	.045	- .620	90	123	- .311	.181	.093	- 1.085	90	173	- .018	.131	.352	- 1.218
80	1112	- .123	.078	.206	- .450	90	124	- .197	.093	.090	- .643	90	174	- .028	.059	.279	- .365
80	1113	- .196	.101	.155	- .682	90	125	- .251	.080	.008	- .639	90	175	- .009	.048	.277	- .161



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	176	- .018	.042	.181	- .173	90	248	- .034	.078	.286	- .332	90	298	.188	.078	.575	.006
90	177	- .047	.039	.119	- .168	90	249	- .078	.098	.533	- .245	90	299	.120	.063	.488	- .074
90	178	- .078	.042	.070	- .246	90	250	- .206	.121	.775	- .069	90	300	.075	.051	.286	- .097
90	201	- .036	.223	.760	- .616	90	251	- .226	.116	.775	- .151	90	301	.064	.043	.277	- .081
90	202	- .089	.210	.906	- .587	90	252	- .242	.127	.747	- .236	90	302	- .037	.052	.109	- .287
90	203	- .069	.226	.782	- .624	90	253	- .414	.153	.1 .079	- .042	90	303	.010	.031	.121	- .124
90	204	- .381	.191	.959	- .580	90	254	- .336	.134	.968	- .009	90	304	.001	.028	.103	- .092
90	205	- .424	.194	1 .061	- .447	90	255	- .312	.127	.820	- .003	90	305	- .006	.027	.112	- .124
90	206	- .359	.190	.961	- .445	90	256	- .302	.125	.830	- .002	90	401	- .243	.117	.044	- 1 .000
90	207	- .197	.091	.107	- .559	90	257	- .207	.144	.865	- .189	90	402	- .241	.106	.068	- .779
90	208	- .258	.091	.058	- .652	90	258	- .076	.138	.743	- .353	90	403	- .288	.141	.056	- 1 .035
90	209	- .307	.104	.240	- .780	90	259	- .199	.123	.771	- .250	90	404	- .202	.072	.064	- .569
90	210	- .406	.150	.110	- 1 .066	90	260	- .092	.173	.757	- .617	90	405	- .209	.077	.015	- .592
90	211	- .356	.110	.005	- .750	90	261	- .275	.110	.719	- .165	90	406	- .215	.087	.025	- .743
90	212	- .333	.222	.368	- 1 .143	90	262	- .108	.066	.176	- .377	90	407	- .227	.083	.025	- .698
90	213	- .333	.231	.692	- 1 .139	90	263	- .021	.065	.284	- .234	90	408	- .246	.105	.036	- .996
90	214	- .372	.192	.449	- 1 .099	90	264	- .094	.080	.531	- .099	90	409	- .179	.058	.010	- .473
90	215	- .037	.094	.394	- .358	90	265	- .145	.080	.514	- .083	90	410	- .179	.054	- .008	- .459
90	216	- .118	.110	.654	- .279	90	266	- .166	.072	.510	- .045	90	411	- .209	.064	- .022	- .556
90	217	- .149	.110	.524	- .221	90	267	- .201	.081	.529	- .019	90	412	- .210	.064	- .020	- .568
90	218	- .173	.125	.673	- .212	90	268	- .200	.094	.740	- .024	90	413	- .214	.071	- .048	- .561
90	219	- .214	.130	.680	- .193	90	269	- .149	.121	.648	- .194	90	414	- .208	.073	.059	- 1 .007
90	220	- .258	.123	.803	- .133	90	270	- .030	.125	.514	- .356	90	415	- .235	.103	.025	- .990
90	221	- .103	.104	.501	- .286	90	271	- .162	.063	.093	- .506	90	416	- .253	.107	.021	- .928
90	222	- .207	.128	.782	- .189	90	272	- .078	.053	.136	- .304	90	417	- .232	.081	.021	- .686
90	223	- .214	.136	.741	- .244	90	273	- .017	.048	.223	- .196	90	418	- .218	.071	.016	- .648
90	224	- .207	.137	.773	- .268	90	274	- .086	.050	.307	- .071	90	419	- .218	.070	- .010	- .577
90	225	- .165	.138	.633	- .347	90	275	- .121	.055	.357	- .034	90	420	- .247	.101	.104	- .943
90	226	- .092	.093	.440	- .237	90	276	- .134	.055	.359	- .050	90	421	- .226	.071	.006	- .746
90	227	- .221	.113	.612	- .195	90	277	- .124	.068	.418	- .099	90	422	- .220	.068	.010	- .667
90	228	- .367	.140	.876	- .074	90	278	- .070	.080	.493	- .196	90	423	- .204	.062	.014	- .558
90	229	- .412	.166	.987	- .100	90	279	- .005	.090	.444	- .363	90	424	- .237	.096	.021	- .810
90	230	- .427	.165	.973	- .007	90	280	- .037	.061	.329	- .281	90	425	- .242	.084	.014	- .767
90	231	- .453	.158	1 .008	- .030	90	281	- .029	.055	.235	- .212	90	426	- .227	.070	- .019	- .568
90	232	- .414	.158	1 .113	- .014	90	282	- .020	.048	.263	- .184	90	427	- .208	.060	- .041	- .583
90	233	- .447	.172	1 .001	- .021	90	283	- .007	.056	.430	- .170	90	428	- .203	.062	- .010	- .642
90	234	- .482	.172	1 .046	- .088	90	284	- .022	.067	.513	- .209	90	429	- .247	.080	- .026	- .904
90	235	- .389	.172	.925	- .328	90	285	- .050	.051	.245	- .186	90	430	- .245	.074	- .081	- .680
90	236	- .230	.152	.768	- .256	90	286	- .024	.087	.304	- .782	90	431	- .230	.065	- .028	- .531
90	237	- .054	.090	.408	- .233	90	287	- .029	.060	.174	- .439	90	432	- .216	.063	- .012	- .630
90	238	- .181	.115	.612	- .168	90	288	- .047	.058	.148	- .558	90	433	- .251	.085	- .033	- .997
90	239	- .319	.138	.815	- .097	90	289	- .028	.042	.128	- .319	90	434	- .246	.082	- .000	- .822
90	240	- .370	.158	.895	- .067	90	290	- .012	.034	.167	- .154	90	435	- .230	.072	- .011	- .770
90	241	- .421	.147	.924	- .003	90	291	- .013	.031	.144	- .168	90	436	- .218	.065	- .019	- .531
90	242	- .456	.155	.966	- .072	90	292	- .019	.031	.167	- .131	90	437	- .221	.060	- .043	- .590
90	243	- .444	.158	1 .062	- .013	90	293	- .075	.080	.240	- .482	90	438	- .250	.077	- .017	- .765
90	244	- .422	.158	1 .011	- .044	90	294	- .119	.076	.437	- .081	90	439	- .259	.085	- .022	- .699
90	245	- .449	.179	.982	- .009	90	295	- .215	.089	.605	- .002	90	440	- .257	.082	- .000	- .729
90	246	- .331	.175	1 .011	- .128	90	296	- .226	.093	.671	- .026	90	441	- .252	.068	- .071	- .682
90	247	- .169	.147	.736	- .281	90	297	- .221	.092	.747	- .001	90	442	- .256	.066	- .057	- .606

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	443	- .243	.084	- .022	-1. 207	90	513	- .172	.066	.011	- .472	90	563	- .261	.071	- .039	- .574
90	444	- .280	.088	- .069	- .727	90	514	- .170	.065	.016	- .514	90	564	- .231	.062	- .025	- .568
90	445	- .283	.093	- .022	- .852	90	515	- .172	.058	.009	- .463	90	565	- .209	.054	- .071	- .483
90	446	- .269	.084	- .050	- .895	90	516	- .176	.054	- .014	- .530	90	566	- .208	.050	- .016	- .375
90	447	- .262	.076	- .050	- .961	90	517	- .164	.055	.041	- .426	90	567	- .221	.050	- .083	- .451
90	448	- .259	.077	- .064	- .964	90	518	- .174	.051	- .027	- .370	90	568	- .231	.053	- .057	- .481
90	449	- .254	.071	- .029	- .696	90	519	- .190	.054	- .000	- .433	90	569	- .246	.067	.011	- .529
90	450	- .276	.080	- .074	- .755	90	520	- .185	.056	.025	- .495	90	570	- .253	.069	- .020	- .558
90	451	- .288	.087	.002	- .815	90	521	- .190	.064	.009	- .527	90	571	- .304	.088	- .110	-1. 018
90	452	- .299	.103	.037	-1. 586	90	522	- .187	.070	.055	- .525	90	572	- .272	.075	- .062	- .637
90	453	- .251	.070	- .038	- .618	90	523	- .185	.068	- .019	- .511	90	573	- .007	.050	- .185	- .327
90	454	- .252	.076	- .003	- .741	90	524	- .190	.066	.020	- .472	90	574	- .007	.046	.171	- .250
90	455	- .283	.085	- .005	- .620	90	525	- .182	.060	.009	- .488	90	575	- .002	.047	.197	- .268
90	456	- .299	.090	- .000	- .635	90	526	- .172	.054	- .022	- .405	90	576	- .009	.053	.199	- .218
90	457	- .301	.093	- .027	- .803	90	527	- .170	.057	- .000	- .479	90	577	- .004	.048	.206	- .156
90	458	- .313	.094	- .057	- .883	90	528	- .178	.048	- .023	- .458	90	578	- .434	.154	- .138	-1. 249
90	459	- .305	.099	- .027	-1. 210	90	529	- .184	.049	- .030	- .396	90	579	- .310	.084	- .076	- .753
90	460	- .293	.086	- .086	- .964	90	530	- .184	.055	- .021	- .530	90	580	- .139	.053	- .155	- .364
90	461	- .284	.078	- .076	- .815	90	531	- .192	.060	.018	- .569	90	581	- .107	.043	.057	- .260
90	462	- .266	.080	- .048	- .654	90	532	- .182	.057	.016	- .419	90	582	- .108	.039	.055	- .223
90	463	- .292	.090	.008	- .732	90	533	- .183	.057	.009	- .516	90	583	- .577	.172	- .144	-1. 307
90	464	- .290	.089	.005	- .706	90	534	- .189	.067	.027	- .564	90	584	- .097	.041	.107	- .259
90	465	- .201	.098	.049	- .739	90	535	- .193	.071	.055	- .521	90	585	- .103	.038	.055	- .282
90	466	- .229	.105	.044	- .826	90	536	- .186	.060	- .027	- .484	90	586	- .089	.044	.100	- .215
90	467	- .267	.112	.054	- .838	90	537	- .179	.056	- .007	- .461	90	586	- .089	.044	.100	- .215
90	468	- .302	.115	.030	- .947	90	538	- .176	.049	- .028	- .435	90	601	- .063	.050	.112	- .462
90	469	- .330	.126	- .024	- .966	90	539	- .180	.048	- .014	- .380	90	602	- .043	.049	.174	- .496
90	470	- .340	.127	- .074	-1. 451	90	540	- .171	.043	- .017	- .347	90	603	- .026	.044	.187	- .247
90	471	- .306	.100	- .099	- .954	90	541	- .175	.045	.009	- .386	90	604	- .016	.043	.245	- .229
90	472	- .289	.094	- .070	- .807	90	542	- .180	.059	.097	- .546	90	605	- .001	.042	.176	- .151
90	473	- .135	.081	.197	- .496	90	543	- .192	.059	- .012	- .722	90	606	- .006	.043	.185	- .245
90	474	- .131	.088	.169	- .562	90	544	- .204	.060	- .007	- .500	90	607	- .007	.040	.247	- .148
90	475	- .194	.103	.194	- .716	90	545	- .207	.059	- .037	- .590	90	608	- .028	.035	.116	- .210
90	476	- .164	.106	.281	- .787	90	546	- .202	.059	- .028	- .490	90	609	- .022	.033	.109	- .178
90	477	- .192	.123	.318	-1. 170	90	547	- .208	.071	- .019	- .604	90	610	- .018	.035	.167	- .182
90	478	- .235	.128	.167	-1. 381	90	548	- .203	.060	- .037	- .451	90	611	- .009	.035	.164	- .178
90	479	- .297	.154	.082	-1. 197	90	549	- .189	.061	- .037	- .524	90	612	- .005	.036	.167	- .125
90	480	- .313	.145	.114	-1. 218	90	550	- .193	.057	- .035	- .542	90	613	- .020	.038	.194	- .116
90	501	- .240	.091	.064	- .611	90	551	- .191	.051	- .012	- .465	90	614	- .024	.040	.196	- .139
90	502	- .231	.081	.064	- .615	90	552	- .195	.048	- .019	- .465	90	615	- .011	.029	.105	- .133
90	503	- .258	.091	- .014	- .807	90	553	- .194	.049	.078	- .382	90	616	- .012	.030	.105	- .141
90	504	- .199	.076	.041	- .659	90	554	- .196	.058	.011	- .604	90	617	- .016	.032	.142	- .156
90	505	- .197	.074	.001	- .595	90	555	- .210	.057	- .011	- .549	90	618	- .006	.032	.177	- .141
90	506	- .193	.081	.039	- .625	90	556	- .217	.062	- .003	- .440	90	619	- .008	.033	.181	- .116
90	507	- .186	.066	.014	- .544	90	557	- .233	.066	- .005	- .687	90	620	- .025	.036	.217	- .078
90	508	- .181	.057	- .014	- .451	90	558	- .232	.069	- .016	- .506	90	621	- .020	.040	.212	- .116
90	509	- .171	.055	.039	- .403	90	559	- .229	.075	- .003	- .751	90	701	- .068	.050	.126	- .445
90	510	- .178	.060	.078	- .544	90	560	- .249	.086	- .009	- .691	90	702	- .002	.043	.265	- .166
90	511	- .196	.073	.034	- .539	90	561	- .233	.072	- .007	- .565	90	703	- .001	.043	.179	- .178
90	512	- .194	.073	.046	- .546	90	562	- .252	.075	- .060	-1. 114	90	704	- .032	.044	.150	- .226
												90	705	- .019	.049	.291	- .276

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	707	- .012	.062	.276	-.297	90	940	-.250	.086	-.002	-.646	100	101	-.378	.152	.056	-1.162
90	708	-.025	.040	.189	-.168	90	941	-.416	.117	-.012	-1.103	100	102	-.390	.142	.055	-1.117
90	709	-.039	.038	.236	-.063	90	942	-.246	.086	-.005	-.688	100	103	-.308	.140	.144	-.943
90	710	-.017	.041	.208	-.119	90	943	-.263	.133	-.329	-.993	100	104	-.518	.217	.114	-1.926
90	711	-.015	.045	.205	-.182	90	944	-.459	.177	1.327	.069	100	105	-.381	.177	.443	-.993
90	712	-.072	.058	.359	-.117	90	945	-.337	.150	-.467	-1.008	100	106	-.430	.158	.008	-1.251
90	713	-.100	.073	.546	-.079	90	946	-.437	.115	-.052	-.893	100	107	-.371	.136	.041	-1.089
90	714	-.077	.075	.438	-.124	90	947	-.136	.208	-.408	-1.732	100	108	-.294	.110	-.006	-.800
90	801	-.228	.104	.377	-.803	90	948	-.040	.067	-.384	-.221	100	109	-.242	.090	.034	-.579
90	802	-.211	.087	.582	-.023	90	949	-.078	.059	-.394	-.165	100	110	-.234	.091	-.006	-.711
90	803	-.111	.053	.349	-.058	90	950	-.055	.065	-.191	-.466	100	111	-.439	.191	-.046	-2.259
90	901	-.252	.067	-.024	-.534	90	951	-.066	.049	-.147	-.277	100	112	-.440	.185	.114	-1.249
90	902	-.226	.063	-.019	-.545	90	1101	-.064	.087	-.571	-.428	100	113	-.455	.179	.083	-1.383
90	903	-.200	.066	.007	-.624	90	1102	-.100	.093	-.341	-.603	100	114	-.393	.166	.064	-1.331
90	904	-.195	.077	.083	-.676	90	1103	-.111	.086	-.171	-.589	100	115	-.357	.181	.231	-1.463
90	905	-.242	.089	.138	-.900	90	1104	-.105	.106	-.375	-.915	100	116	-.273	.128	.187	-.894
90	906	-.059	.037	.086	-.212	90	1105	-.104	.128	-.754	-.394	100	117	-.242	.111	.104	-.868
90	907	-.043	.041	.214	-.105	90	1106	-.111	.144	-.841	-.375	100	118	-.222	.099	.104	-.704
90	908	-.037	.041	.253	-.143	90	1107	-.074	.138	-.704	-.334	100	119	-.222	.102	.142	-.842
90	909	-.013	.058	.241	-.198	90	1108	-.075	.115	-.304	-.717	100	120	-.423	.163	-.044	-1.106
90	910	-.015	.050	.219	-.152	90	1109	-.068	.049	-.134	-.249	100	121	-.422	.169	.029	-1.136
90	911	-.229	.066	-.017	-.565	90	1110	-.093	.078	-.231	-.495	100	122	-.436	.169	.001	-1.261
90	912	-.011	.047	.176	-.167	90	1111	-.124	.084	-.144	-.575	100	123	-.417	.160	.095	-1.070
90	913	-.235	.071	-.007	-.603	90	1112	-.079	.072	-.256	-.341	100	124	-.316	.142	.196	-1.110
90	914	-.220	.075	-.014	-.629	90	1113	-.128	.102	-.327	-.635	100	125	-.278	.134	.126	-.948
90	915	-.225	.076	.088	-.574	90	1201	-.238	.083	-.033	-.745	100	126	-.263	.123	.076	-.864
90	916	-.233	.092	.110	-.786	90	1202	-.217	.057	-.020	-.481	100	127	-.229	.100	.097	-.678
90	917	-.129	.088	.210	-.541	90	1203	-.216	.053	-.008	-.433	100	128	-.222	.095	.243	-.845
90	918	-.028	.039	.226	-.126	90	1204	-.215	.053	-.049	-.398	100	129	-.392	.155	-.034	-1.197
90	919	-.044	.033	.198	-.140	90	1205	-.214	.048	-.084	-.391	100	130	-.406	.166	-.008	-1.174
90	920	-.053	.032	.179	-.079	90	1206	-.215	.051	-.072	-.485	100	131	-.424	.177	.062	-1.369
90	921	-.061	.031	.193	-.062	90	1207	-.198	.057	-.029	-.435	100	132	-.397	.192	.267	-1.204
90	922	-.036	.029	.176	-.090	90	1208	-.133	.072	-.212	-.463	100	133	-.326	.161	.222	-1.012
90	923	-.029	.031	.098	-.176	90	1209	-.224	.110	-.065	-.796	100	134	-.313	.173	.191	-1.101
90	924	-.083	.047	.072	-.364	90	1210	-.208	.091	-.070	-.729	100	135	-.296	.151	.090	-1.096
90	925	-.034	.025	.122	-.069	90	1211	-.234	.067	-.047	-.752	100	136	-.247	.113	.173	-.739
90	926	-.087	.056	.095	-.391	90	1301	-.261	.073	-.033	-.743	100	137	-.242	.113	.064	-1.007
90	927	-.038	.034	.133	-.136	90	1302	-.248	.069	-.029	-.582	100	138	-.452	.185	-.001	-1.594
90	928	-.148	.063	.083	-.405	90	1303	-.256	.068	-.024	-.573	100	139	-.452	.192	-.001	-1.620
90	929	-.114	.064	.086	-.443	90	1304	-.227	.054	-.075	-.451	100	140	-.449	.210	.046	-1.543
90	930	-.321	.095	.031	-.710	90	1305	-.244	.063	-.040	-.619	100	141	-.390	.192	.137	-1.376
90	931	-.169	.091	.129	-.545	90	1306	-.214	.047	-.098	-.412	100	142	-.320	.170	.137	-1.270
90	932	-.008	.087	.312	-.755	90	1307	-.211	.048	-.084	-.433	100	143	-.308	.149	.166	-1.094
90	933	-.014	.057	.267	-.341	90	1308	-.212	.051	-.075	-.403	100	144	-.294	.147	.025	-1.129
90	934	-.030	.047	.265	-.169	90	1309	-.205	.051	-.005	-.434	100	145	-.271	.130	.076	-.892
90	935	-.044	.064	.155	-.379	90	1310	-.220	.058	-.006	-.495	100	146	-.265	.126	.081	-.784
90	936	-.025	.041	.179	-.145	90	1311	-.207	.054	-.013	-.417	100	147	-.433	.181	-.048	-1.369
90	937	-.263	.098	.052	-.922	90	1312	-.217	.057	-.029	-.458	100	148	-.432	.197	.022	-1.442
90	938	-.414	.186	.412	-1.120	90	1313	-.228	.058	-.077	-.536	100	149	-.383	.209	.103	-1.609
90	939	-.035	.047	.198	-.207	90	1314	-.260	.064	-.017	-.566	100	150	-.283	.185	.205	-1.206

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	151	- .208	.146	.101	- .943	100	223	.222	.134	.750	- .180	100	273	.015	.049	.271	- .168
100	152	- .272	.116	.018	- .794	100	224	.181	.125	.622	- .185	100	274	.077	.053	.273	- .091
100	153	- .289	.118	.004	- .867	100	225	.130	.125	.601	- .369	100	275	.120	.060	.366	- .082
100	154	- .251	.119	.200	- .872	100	226	.106	.113	.590	- .337	100	276	.124	.062	.352	- .049
100	155	- .256	.115	.124	-1 .026	100	227	.252	.140	.762	- .229	100	277	.105	.064	.394	- .073
100	156	- .212	.111	.115	- .853	100	228	.393	.158	.893	- .054	100	278	.021	.057	.376	- .205
100	157	- .274	.107	.117	- .929	100	229	.439	.162	.969	- .286	100	279	- .067	.068	.241	- .384
100	158	- .334	.129	.070	-1 .090	100	230	.431	.172	1 .045	- .081	100	280	.031	.062	.455	- .261
100	159	- .198	.062	.037	- .476	100	231	.463	.156	.992	- .033	100	281	.026	.054	.357	- .203
100	160	- .166	.062	.070	- .459	100	232	.427	.165	.902	- .035	100	282	.011	.046	.243	- .196
100	161	- .125	.069	.191	- .447	100	233	.454	.169	.989	- .095	100	283	.005	.052	.404	- .184
100	162	- .302	.151	.022	-1 .462	100	234	.437	.165	.994	- .093	100	284	.010	.060	.512	- .164
100	163	- .313	.168	.051	-1 .171	100	235	.372	.148	.785	- .118	100	285	.027	.048	.273	- .155
100	164	- .284	.206	.105	-1 .908	100	236	.175	.137	.702	- .229	100	286	.034	.082	.376	- .445
100	165	- .107	.104	.357	- .668	100	237	.044	.097	.429	- .323	100	287	- .035	.067	.225	- .493
100	166	- .047	.067	.186	- .649	100	238	.183	.125	.626	- .194	100	288	- .057	.065	.130	- .521
100	167	- .062	.054	.231	- .269	100	239	.343	.154	.924	- .028	100	289	- .035	.044	.107	- .334
100	168	- .231	.095	.086	-1 .701	100	240	.400	.174	.991	- .133	100	290	- .021	.031	.091	- .173
100	169	- .536	.229	.056	-1 .953	100	241	.419	.168	1 .091	- .024	100	291	- .021	.029	.114	- .189
100	170	- .134	.074	.179	-1 .473	100	242	.437	.162	.996	- .032	100	292	- .025	.030	.110	- .148
100	171	- .313	.215	.197	-1 .795	100	243	.403	.163	1 .010	- .013	100	293	- .073	.074	.225	- .357
100	172	- .310	.214	.321	-1 .747	100	244	.426	.166	1 .005	- .045	100	294	- .127	.073	.337	- .067
100	173	- .111	.163	.547	-1 .068	100	245	.412	.153	.908	- .004	100	295	- .206	.090	.634	- .002
100	174	- .005	.076	.455	-1 .509	100	246	.275	.143	.726	- .182	100	296	- .226	.102	.747	- .020
100	175	- .012	.053	.266	-1 .311	100	247	.134	.126	.608	- .256	100	297	- .234	.100	.609	- .008
100	176	- .031	.047	.222	-1 .215	100	248	.049	.078	.352	- .375	100	298	- .213	.096	.657	- .012
100	177	- .058	.043	.140	-1 .228	100	249	.070	.096	.464	- .226	100	299	- .092	.060	.374	- .111
100	178	- .089	.051	.176	-1 .297	100	250	.173	.113	.632	- .061	100	300	- .055	.052	.314	- .104
100	201	.091	.264	.952	- .943	100	251	.238	.135	.752	- .165	100	301	- .056	.048	.257	- .111
100	202	.056	.268	.785	- .628	100	252	.251	.139	.840	- .342	100	302	- .049	.056	.130	- .307
100	203	.039	.256	.921	- .718	100	253	.415	.152	.982	- .062	100	303	- .006	.034	.169	- .093
100	204	.388	.191	1 .001	- .454	100	254	.334	.144	.836	- .119	100	304	- .005	.028	.103	- .130
100	205	.334	.190	1 .062	- .364	100	255	.291	.133	.729	- .096	100	305	- .011	.027	.082	- .113
100	206	.309	.179	.875	- .495	100	256	.292	.136	.773	- .073	100	401	- .286	.127	.070	- .934
100	207	.207	.105	.105	- .566	100	257	.190	.131	.729	- .159	100	402	- .324	.134	.093	- .943
100	208	.280	.117	.158	- .764	100	258	.040	.120	.471	- .381	100	403	- .423	.182	.070	-1 .273
100	209	.317	.113	.086	- .775	100	259	.193	.128	.701	- .224	100	404	- .242	.094	.082	- .663
100	210	.441	.163	.086	-1 .267	100	260	.107	.178	.789	- .744	100	405	- .251	.095	.048	- .732
100	211	.355	.111	.033	- .854	100	261	.298	.145	.849	- .207	100	406	- .259	.105	.011	- .817
100	212	.350	.210	.424	-1 .210	100	262	.109	.064	.123	- .449	100	407	- .311	.113	.004	- .801
100	213	.361	.244	.597	-1 .355	100	263	.016	.063	.292	- .207	100	408	- .354	.151	.013	-1 .275
100	214	.339	.205	.484	-1 .143	100	264	.090	.081	.489	- .121	100	409	- .205	.074	.047	- .728
100	215	.062	.117	.555	- .337	100	265	.146	.089	.647	- .045	100	410	- .195	.070	.008	- .599
100	216	.140	.118	.652	- .318	100	266	.176	.091	.647	- .040	100	411	- .250	.086	.023	- .699
100	217	.178	.124	.642	- .231	100	267	.192	.102	.650	- .035	100	412	- .251	.084	.018	- .599
100	218	.186	.128	.599	- .217	100	268	.158	.093	.578	- .077	100	413	- .268	.096	.030	- .725
100	219	.175	.118	.626	- .229	100	269	.080	.090	.543	- .240	100	414	- .270	.103	.046	- .910
100	220	.269	.130	.757	- .072	100	270	.030	.086	.343	- .477	100	415	- .296	.131	.044	-1 .028
100	221	.137	.118	.626	- .401	100	271	.165	.068	.136	- .505	100	416	- .313	.136	.055	-1 .012
100	222	.212	.135	.656	- .254	100	272	.075	.050	.178	- .270	100	417	- .331	.126	.077	-1 .102

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	418	-.332	.128	-.011	-1.330	100	468	-.283	.130	.104	-.852	100	538	-.186	.055	.029	-.437
100	419	-.316	.125	-.032	-1.322	100	469	-.353	.151	-.056	-1.162	100	539	-.181	.049	-.015	-.400
100	420	-.272	.120	.032	-1.050	100	470	-.375	.155	-.057	-1.282	100	540	-.193	.058	-.045	-.476
100	421	-.273	.110	.079	-.865	100	471	-.364	.152	-.044	-1.645	100	541	-.210	.064	-.043	-.513
100	422	-.264	.099	.077	-.886	100	472	-.323	.137	-.006	-1.209	100	542	-.228	.081	-.010	-.599
100	423	-.246	.087	.110	-.656	100	473	-.045	.055	.209	-.399	100	543	-.240	.088	-.001	-.601
100	424	-.302	.132	.018	-1.121	100	474	-.034	.061	.340	-.403	100	544	-.253	.085	-.006	-.657
100	425	-.328	.127	.021	-1.195	100	475	-.081	.094	.360	-.523	100	545	-.264	.084	-.038	-.627
100	426	-.321	.117	.004	-.944	100	476	-.054	.094	.252	-.677	100	546	-.250	.081	-.017	-.645
100	427	-.304	.115	-.036	-1.188	100	477	-.089	.118	.261	-.838	100	547	-.252	.099	-.026	-.652
100	428	-.305	.110	-.045	-.864	100	478	-.201	.153	.266	-1.192	100	548	-.236	.102	.018	-.661
100	429	-.293	.122	.038	-.925	100	479	-.373	.201	.071	-1.399	100	549	-.221	.089	.013	-.588
100	430	-.277	.109	-.003	-.935	100	480	-.381	.180	.029	-1.298	100	550	-.203	.076	.059	-.544
100	431	-.260	.082	.009	-.710	100	501	-.264	.101	.013	-.914	100	551	-.195	.063	-.001	-.423
100	432	-.269	.105	.061	-.913	100	502	-.247	.092	-.013	-.639	100	552	-.184	.052	-.009	-.466
100	433	-.312	.122	-.003	-.930	100	503	-.262	.107	-.017	-.738	100	553	-.201	.062	-.037	-.475
100	434	-.327	.137	.007	-1.169	100	504	-.227	.089	.006	-.826	100	554	-.206	.066	-.027	-.537
100	435	-.306	.118	.163	-1.088	100	505	-.206	.077	.026	-.558	100	555	-.238	.078	-.037	-.585
100	436	-.301	.112	-.043	-1.001	100	506	-.225	.083	.006	-.680	100	556	-.273	.101	-.030	-.856
100	437	-.296	.090	-.048	-.726	100	507	-.208	.077	-.008	-.562	100	557	-.283	.103	.025	-.735
100	438	-.297	.110	-.045	-.809	100	508	-.194	.067	.001	-.472	100	558	-.267	.102	-.019	-.725
100	439	-.312	.118	.038	-.956	100	509	-.198	.059	.001	-.465	100	559	-.261	.093	-.014	-.783
100	440	-.317	.131	-.017	-1.157	100	510	-.200	.068	.008	-.592	100	560	-.254	.106	.013	-.980
100	441	-.265	.109	-.005	-.918	100	511	-.194	.088	.041	-.657	100	561	-.255	.112	.096	-.822
100	442	-.268	.095	.012	-.901	100	512	-.201	.089	.115	-.599	100	562	-.255	.099	-.037	-.787
100	443	-.302	.129	.016	-1.159	100	513	-.191	.078	.057	-.634	100	563	-.266	.103	.051	-.833
100	444	-.312	.116	.021	-.838	100	514	-.183	.070	.006	-.546	100	564	-.220	.073	-.044	-.647
100	445	-.312	.130	.023	-1.013	100	515	-.191	.067	.010	-.576	100	565	-.198	.056	-.065	-.496
100	446	-.316	.133	.087	-1.162	100	516	-.194	.062	-.015	-.490	100	566	-.199	.062	-.051	-.615
100	447	-.322	.137	.078	-1.327	100	517	-.198	.068	.001	-.534	100	567	-.219	.063	-.056	-.478
100	448	-.314	.122	-.029	-.998	100	518	-.198	.063	.003	-.462	100	568	-.226	.070	-.037	-.572
100	449	-.312	.117	-.066	-1.029	100	519	-.217	.070	-.013	-.523	100	569	-.256	.093	.107	-.691
100	450	-.299	.118	-.019	-.923	100	520	-.203	.068	-.043	-.560	100	570	-.269	.094	-.005	-.666
100	451	-.319	.121	.004	-.854	100	521	-.246	.086	.027	-.625	100	571	-.296	.109	-.056	-1.076
100	452	-.318	.120	.056	-.953	100	522	-.253	.097	.029	-.699	100	572	-.274	.104	-.017	-.047
100	453	-.254	.105	.373	-.731	100	523	-.199	.083	.071	-.643	100	573	-.026	.041	.144	-.274
100	454	-.251	.112	.116	-.771	100	524	-.205	.089	.129	-.632	100	574	-.029	.042	.114	-.216
100	455	-.278	.106	.045	-.670	100	525	-.200	.081	.017	-.791	100	575	-.025	.044	.135	-.274
100	456	-.297	.116	.090	-.771	100	526	-.167	.067	.026	-.703	100	576	-.052	.049	.132	-.308
100	457	-.311	.128	.064	-1.074	100	527	-.183	.053	.003	-.395	100	577	-.020	.042	.209	-.232
100	458	-.328	.129	.056	-1.065	100	528	-.196	.061	.022	-.557	100	578	-.419	.163	-.069	-1.347
100	459	-.317	.134	.047	-1.138	100	529	-.209	.066	.015	-.518	100	579	-.261	.097	-.046	-.716
100	460	-.316	.129	-.022	-1.502	100	530	-.219	.076	.015	-.590	100	580	-.125	.056	.158	-.349
100	461	-.298	.111	-.022	-1.088	100	531	-.228	.082	.001	-.884	100	581	-.102	.050	.199	-.274
100	462	-.239	.093	.026	-.667	100	532	-.228	.078	.017	-.550	100	582	-.095	.043	.084	-.232
100	463	-.277	.117	.016	-.996	100	533	-.240	.085	-.027	-.648	100	583	-.515	.215	-.092	-1.496
100	464	-.280	.115	.080	-.823	100	534	-.229	.096	.068	-.662	100	584	-.099	.048	.087	-.296
100	465	-.132	.094	.168	-.542	100	535	-.223	.098	.096	-.666	100	585	-.102	.048	.116	-.301
100	466	-.155	.106	.168	-.729	100	536	-.210	.082	.064	-.738	100	586	-.090	.054	.128	-.248
100	467	-.205	.126	.317	-.812	100	537	-.172	.066	.040	-.416	100	601	-.061	.044	.119	-.453

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	602	-.039	.040	.160	-.288	100	915	-.242	.086	.030	-.680	100	1201	-.244	.119	.187	-.832
100	603	-.035	.035	.132	-.175	100	916	-.251	.095	.023	-.809	100	1202	-.222	.080	.155	-.637
100	604	-.028	.035	.130	-.163	100	917	-.183	.089	.110	-.567	100	1203	-.207	.060	-.057	-.526
100	605	-.016	.034	.149	-.186	100	918	.015	.041	.249	-.160	100	1204	-.207	.057	-.052	-.496
100	606	-.013	.036	.132	-.184	100	919	.029	.033	.287	-.068	100	1205	-.206	.061	-.070	-.487
100	607	-.014	.037	.139	-.183	100	920	.034	.033	.228	-.132	100	1206	-.198	.063	.012	-.552
100	608	-.032	.032	.107	-.192	100	921	.044	.026	.141	-.146	100	1207	-.171	.067	.144	-.554
100	609	-.027	.032	.176	-.213	100	922	.020	.026	.115	-.087	100	1208	-.117	.070	.137	-.487
100	610	-.026	.030	.102	-.165	100	923	-.060	.048	.080	-.306	100	1209	-.139	.110	.129	-.786
100	611	-.013	.032	.111	-.151	100	924	-.108	.059	.066	-.428	100	1210	-.163	.090	.098	-.660
100	612	-.004	.028	.111	-.100	100	925	.015	.025	.096	-.085	100	1211	-.223	.081	-.041	-.825
100	613	.003	.032	.144	-.149	100	926	-.121	.071	.094	-.412	100	1301	-.243	.099	.121	-.722
100	614	.006	.036	.146	-.186	100	927	.015	.042	.139	-.188	100	1302	-.193	.096	.252	-.540
100	615	-.013	.027	.086	-.107	100	928	-.195	.074	.016	-.454	100	1303	-.245	.082	.010	-.625
100	616	-.012	.026	.089	-.122	100	929	-.139	.071	.110	-.426	100	1304	-.209	.059	-.070	-.430
100	617	-.012	.030	.143	-.139	100	930	-.318	.110	.030	-.946	100	1305	-.256	.105	.093	-.862
100	618	-.005	.032	.147	-.122	100	931	-.190	.100	.162	-.586	100	1306	-.201	.061	-.038	-.482
100	619	.008	.034	.193	-.094	100	932	-.032	.099	.452	-.842	100	1307	-.207	.056	-.068	-.471
100	620	.017	.034	.193	-.106	100	933	-.017	.056	.252	-.313	100	1308	-.198	.056	-.054	-.471
100	621	.015	.036	.184	-.091	100	934	.005	.052	.468	-.165	100	1309	-.182	.067	.019	-.537
100	701	-.062	.048	.155	-.368	100	935	-.074	.060	.127	-.379	100	1310	-.216	.073	-.038	-.644
100	702	-.015	.038	.184	-.174	100	936	-.038	.036	.118	-.214	100	1311	-.192	.070	.065	-.690
100	703	-.013	.035	.141	-.155	100	937	-.317	.123	.158	-.991	100	1312	-.201	.073	.040	-.908
100	704	-.046	.042	.123	-.235	100	938	-.459	.195	.534	-.1261	100	1313	-.220	.066	-.027	-.531
100	705	-.029	.048	.339	-.254	100	939	-.048	.041	.108	-.212	100	1314	-.273	.095	-.001	-.1030
100	707	-.009	.072	.471	-.400	100	940	-.335	.114	-.012	-.998	110	101	-.368	.147	.034	-.1113
100	708	.013	.037	.191	-.134	100	941	-.404	.120	-.064	-.929	110	102	-.376	.164	.147	-.1043
100	709	.023	.036	.247	-.104	100	942	-.338	.113	.023	-.800	110	103	-.291	.132	.094	-.1024
100	710	.006	.038	.198	-.115	100	943	-.304	.193	.447	-.155	110	104	-.359	.190	.327	-.1411
100	711	-.002	.038	.182	-.182	100	944	-.445	.187	1.296	-.035	110	105	-.280	.161	.301	-.917
100	712	.048	.062	.463	-.175	100	945	-.324	.162	.374	-.838	110	106	-.410	.176	.016	-.1236
100	713	.088	.090	.563	-.132	100	946	-.396	.119	-.075	-.894	110	107	-.320	.140	.068	-.991
100	714	.063	.085	.487	-.228	100	947	-.290	.236	-.295	-.640	110	108	-.271	.106	.147	-.905
100	801	-.141	.111	.229	-.621	100	948	.020	.085	.502	-.293	110	109	-.246	.090	.068	-.765
100	802	-.201	.078	.495	-.006	100	949	.077	.079	.479	-.162	110	110	-.244	.087	.009	-.646
100	803	-.107	.058	.362	-.033	100	950	-.067	.068	.238	-.366	110	111	-.265	.098	.035	-.877
100	901	-.259	.097	.021	-.0333	100	951	-.073	.044	.123	-.327	110	112	-.259	.099	.012	-.1024
100	902	-.257	.093	.010	-.795	100	1101	-.071	.069	.277	-.439	110	113	-.294	.121	.016	-.865
100	903	-.226	.080	.035	-.664	100	1102	-.083	.091	.351	-.593	110	114	-.298	.125	.114	-.1094
100	904	-.216	.082	.099	-.562	100	1103	-.108	.090	.270	-.482	110	115	-.298	.151	.135	-.1178
100	905	-.244	.116	.082	-.012	100	1104	-.089	.092	.231	-.639	110	116	-.259	.125	.082	-.945
100	906	-.063	.042	.158	-.278	100	1105	.025	.102	.562	-.305	110	117	-.244	.110	.075	-.805
100	907	.031	.045	.252	-.202	100	1106	.037	.118	.648	-.436	110	118	-.214	.076	.152	-.569
100	908	.014	.038	.212	-.085	100	1107	-.008	.095	.618	-.360	110	119	-.229	.084	.096	-.679
100	909	-.014	.049	.270	-.186	100	1108	-.099	.095	.275	-.644	110	120	-.242	.092	-.042	-.947
100	910	.010	.045	.275	-.271	100	1109	-.083	.041	.072	-.271	110	121	-.256	.096	.042	-.774
100	911	-.257	.092	-.000	-.849	100	1110	-.107	.059	.077	-.517	110	122	-.279	.116	.019	-.1157
100	912	-.030	.038	.125	-.198	100	1111	-.125	.058	.077	-.577	110	123	-.292	.118	.089	-.975
100	913	-.284	.113	.054	-.854	100	1112	-.087	.057	.213	-.432	110	124	-.278	.114	.166	-.910
100	914	-.246	.088	-.005	-.706	100	1113	-.100	.088	.279	-.648	110	125	-.290	.134	.084	-.905

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	126	- .258	.117	.042	-1 .024	110	176	- .022	.050	.252	- .187	110	248	- .072	.087	.361	- .370
110	127	- .212	.074	.054	- .618	110	177	- .042	.041	.229	- .262	110	249	- .045	.091	.474	- .241
110	128	- .226	.076	.105	- .732	110	178	- .069	.045	.129	- .316	110	250	- .135	.106	.702	- .114
110	129	- .255	.093	.009	- .891	110	201	- .269	.247	.938	- .712	110	251	- .161	.110	.679	- .114
110	130	- .270	.103	.005	- .774	110	202	- .248	.264	.998	- .649	110	252	- .184	.142	.872	- .342
110	131	- .276	.115	.000	-1 .173	110	203	- .144	.262	.970	- .754	110	253	- .345	.160	.956	- .057
110	132	- .300	.138	.152	-1 .173	110	204	- .352	.212	1 .035	- .500	110	254	- .237	.155	.874	- .262
110	133	- .298	.126	.135	-1 .101	110	205	- .263	.206	1 .015	- .398	110	255	- .188	.134	.683	- .222
110	134	- .323	.155	.107	-1 .260	110	206	- .211	.178	.868	- .325	110	256	- .178	.131	.728	- .168
110	135	- .304	.141	.058	- .977	110	207	- .209	.123	.185	- .661	110	257	- .073	.112	.585	- .224
110	136	- .241	.084	.037	- .714	110	208	- .245	.155	.246	- .905	110	258	- .035	.099	.364	- .396
110	137	- .238	.083	.042	- .604	110	209	- .313	.143	.288	- .814	110	259	- .131	.116	.648	- .297
110	138	- .331	.131	.072	-1 .241	110	210	- .410	.171	.115	-1 .171	110	260	- .040	.193	.745	- .843
110	139	- .343	.141	.014	-1 .390	110	211	- .274	.096	.050	- .791	110	261	- .136	.130	.629	- .408
110	140	- .344	.141	.086	-1 .390	110	212	- .249	.190	.611	-1 .022	110	262	- .083	.066	.138	- .422
110	141	- .336	.151	.082	-1 .393	110	213	- .206	.270	.763	-1 .283	110	263	- .019	.057	.451	- .262
110	142	- .306	.141	.126	-1 .033	110	214	- .237	.203	.658	- .919	110	264	- .040	.058	.408	- .170
110	143	- .302	.142	.056	-1 .143	110	215	- .063	.155	.691	- .435	110	265	- .072	.067	.512	- .116
110	144	- .287	.138	.112	-1 .297	110	216	- .142	.156	.702	- .293	110	266	- .090	.074	.460	- .083
110	145	- .252	.111	.348	- .702	110	217	- .156	.151	.656	- .339	110	267	- .086	.075	.599	- .104
110	146	- .262	.102	.026	-1 .001	110	218	- .144	.150	.688	- .334	110	268	- .075	.078	.446	- .130
110	147	- .352	.147	.028	-1 .330	110	219	- .132	.135	.614	- .341	110	269	- .007	.081	.439	- .286
110	148	- .360	.160	.009	-1 .227	110	220	- .262	.163	.954	- .148	110	270	- .078	.080	.401	- .608
110	149	- .336	.157	.063	-1 .430	110	221	- .175	.153	.730	- .260	110	271	- .077	.051	.084	- .354
110	150	- .293	.159	.155	-1 .037	110	222	- .241	.158	.777	- .311	110	272	- .034	.038	.175	- .213
110	151	- .229	.127	.115	- .995	110	223	- .220	.151	.774	- .293	110	273	- .015	.042	.248	- .147
110	152	- .251	.109	.004	- .851	110	224	- .206	.136	.684	- .265	110	274	- .050	.049	.324	- .177
110	153	- .246	.104	.013	- .799	110	225	- .127	.121	.576	- .372	110	275	- .068	.056	.371	- .104
110	154	- .234	.104	.093	- .938	110	226	- .054	.140	.651	- .407	110	276	- .067	.055	.274	- .116
110	155	- .239	.112	.075	- .863	110	227	- .238	.163	.800	- .297	110	277	- .057	.059	.300	- .133
110	156	- .212	.106	.035	- .653	110	228	- .334	.167	.961	- .057	110	278	- .011	.058	.389	- .213
110	157	- .238	.111	.103	- .830	110	229	- .362	.188	.991	- .195	110	279	- .081	.065	.260	- .377
110	158	- .254	.103	.038	- .834	110	230	- .368	.172	1 .040	- .195	110	280	- .067	.072	.335	- .460
110	159	- .168	.052	.056	- .389	110	231	- .401	.185	1 .080	- .085	110	281	- .002	.058	.269	- .293
110	160	- .143	.057	.148	- .425	110	232	- .409	.195	1 .087	- .039	110	282	- .013	.048	.307	- .267
110	161	- .113	.057	.096	- .347	110	233	- .431	.189	1 .084	- .127	110	283	- .023	.046	.253	- .175
110	162	- .267	.128	.006	-1 .030	110	234	- .399	.186	1 .000	- .129	110	284	- .020	.043	.188	- .159
110	163	- .302	.149	.053	-1 .298	110	235	- .290	.163	.821	- .204	110	285	- .020	.054	.413	- .205
110	164	- .283	.183	.143	-1 .277	110	236	- .145	.127	.567	- .293	110	286	- .029	.082	.386	- .396
110	165	- .124	.102	.352	- .648	110	237	- .002	.110	.460	- .365	110	287	- .044	.085	.236	- .766
110	166	- .063	.058	.169	- .356	110	238	- .145	.128	.679	- .209	110	288	- .068	.070	.218	- .612
110	167	- .067	.057	.181	- .420	110	239	- .280	.152	.952	- .083	110	289	- .042	.048	.122	- .335
110	168	- .192	.082	.263	- .540	110	240	- .314	.160	.895	- .107	110	290	- .028	.034	.091	- .250
110	169	- .448	.209	.001	-1 .411	110	241	- .338	.175	1 .043	- .083	110	291	- .028	.031	.104	- .175
110	170	- .134	.068	.138	- .486	110	242	- .376	.161	.907	- .008	110	292	- .030	.029	.143	- .189
110	171	- .272	.201	.163	-2 .017	110	243	- .374	.167	1 .034	- .057	110	293	- .000	.067	.263	- .407
110	172	- .266	.194	.186	-1 .628	110	244	- .342	.177	1 .036	- .144	110	294	- .133	.076	.488	- .021
110	173	- .108	.161	.784	-1 .301	110	245	- .294	.166	.872	- .133	110	295	- .168	.087	.588	- .023
110	174	- .004	.079	.357	- .462	110	246	- .183	.140	.846	- .203	110	296	- .199	.106	.684	- .009
110	175	- .001	.059	.307	- .239	110	247	- .064	.118	.479	- .387	110	297	- .199	.106	.711	- .025

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	298	.189	.101	.636	-.025	110	443	-.277	.129	.070	-1.196	110	513	-.197	.068	.019	-.634
110	299	.087	.068	.466	-.064	110	444	-.309	.123	-.026	-.930	110	514	-.200	.064	-.011	-.496
110	300	.047	.056	.377	-.128	110	445	-.300	.150	.087	-.949	110	515	-.197	.061	-.029	-.489
110	301	.042	.052	.279	-.091	110	446	-.338	.187	.178	-1.170	110	516	-.205	.061	-.052	-.485
110	302	.051	.053	.132	-.369	110	447	-.408	.213	.075	-1.520	110	517	-.211	.068	-.029	-.538
110	303	.004	.036	.143	-.116	110	448	-.413	.187	.131	-1.524	110	518	-.211	.073	-.029	-.551
110	304	.012	.030	.113	-.116	110	449	-.415	.182	.164	-1.675	110	519	-.235	.082	-.054	-.767
110	305	.016	.028	.111	-.112	110	450	-.291	.113	.026	-.984	110	520	-.243	.091	-.033	-.822
110	401	.301	.129	.053	-1.117	110	451	-.272	.137	.070	-.883	110	521	-.312	.122	-.004	-1.012
110	402	.367	.160	.108	-.973	110	452	-.279	.139	.101	-.904	110	522	-.313	.113	.019	-.819
110	403	.308	.193	.018	-1.287	110	453	-.148	.129	.385	-.707	110	523	-.199	.073	.063	-.618
110	404	.223	.082	.057	-.676	110	454	-.156	.104	.270	-.806	110	524	-.200	.073	.122	-.572
110	405	.239	.087	.050	-.682	110	455	-.232	.092	.009	-.653	110	525	-.188	.059	-.040	-.551
110	406	.255	.112	.079	-.787	110	456	-.144	.106	.160	-.667	110	526	-.172	.050	-.036	-.502
110	407	.385	.153	.061	-.937	110	457	-.174	.146	.286	-1.012	110	527	-.198	.061	-.024	-.796
110	408	.509	.208	.061	-1.417	110	458	-.215	.177	.143	-1.639	110	528	-.206	.066	-.013	-.654
110	409	.195	.066	.003	-.540	110	459	-.276	.202	.207	-1.686	110	529	-.224	.080	-.047	-.659
110	410	.189	.060	.022	-.458	110	460	-.308	.176	.106	-1.442	110	530	-.219	.088	.049	-.693
110	411	.257	.082	-.013	-.615	110	461	-.303	.175	.066	-1.752	110	531	-.234	.098	.065	-.758
110	412	.290	.110	-.048	-.959	110	462	-.126	.069	.059	-.477	110	532	-.287	.106	-.001	-.755
110	413	.309	.120	-.003	-.950	110	463	-.134	.073	.134	-.564	110	533	-.302	.108	.045	-.817
110	414	.329	.127	.010	-1.129	110	464	-.121	.087	.141	-.571	110	534	-.209	.081	.001	-.544
110	415	.347	.128	-.034	-.886	110	465	-.034	.035	.120	-.244	110	535	-.213	.081	.097	-.570
110	416	.344	.151	.079	-1.068	110	466	-.037	.039	.183	-.308	110	536	-.203	.061	.001	-.503
110	417	.437	.229	.070	-1.689	110	467	-.047	.059	.279	-.336	110	537	-.170	.049	-.016	-.426
110	418	.576	.226	.091	-1.645	110	468	-.089	.090	.225	-.648	110	538	-.199	.054	-.052	-.418
110	419	.613	.275	.058	-2.594	110	469	-.141	.118	.181	-.808	110	539	-.215	.067	-.054	-.554
110	420	.230	.127	.089	-1.004	110	470	-.201	.155	.068	-1.365	110	540	-.218	.080	-.029	-.686
110	421	.248	.146	.310	-.964	110	471	-.187	.126	.054	-1.112	110	541	-.235	.091	-.063	-.780
110	422	.293	.137	.077	-.943	110	472	-.152	.102	.051	-.934	110	542	-.242	.108	.022	-1.234
110	423	.307	.109	-.010	-.893	110	473	-.013	.031	.125	-.130	110	543	-.272	.103	.035	-.801
110	424	.353	.134	-.041	-1.030	110	474	-.066	.035	.211	-.150	110	544	-.290	.115	.005	-.751
110	425	.384	.161	.026	-.958	110	475	-.009	.047	.343	-.271	110	545	-.243	.088	-.017	-.666
110	426	.520	.213	.056	-1.294	110	476	-.016	.058	.332	-.721	110	546	-.274	.096	-.043	-.748
110	427	.550	.212	.061	-1.515	110	477	-.032	.083	.388	-.869	110	547	-.225	.092	.045	-.753
110	428	.555	.197	-.010	-1.571	110	478	-.077	.109	.293	-.789	110	548	-.236	.092	.052	-.569
110	429	.230	.113	.221	-.940	110	479	-.162	.151	.127	-1.196	110	549	-.204	.074	.057	-.590
110	430	.237	.109	.113	-.778	110	480	-.177	.157	.195	-1.028	110	550	-.190	.063	.014	-.463
110	431	.275	.109	.047	-.752	110	501	-.266	.093	-.011	-.725	110	551	-.175	.051	-.027	-.363
110	432	.302	.121	.110	-1.137	110	502	-.260	.091	-.020	-.730	110	552	-.191	.057	.007	-.458
110	433	.377	.171	.103	-1.287	110	503	-.256	.093	-.001	-.744	110	553	-.218	.062	-.059	-.517
110	434	.382	.171	-.000	-1.308	110	504	-.255	.090	-.031	-1.007	110	554	-.228	.075	-.036	-.651
110	435	.473	.196	-.010	-1.599	110	505	-.216	.076	-.008	-.572	110	555	-.240	.075	-.032	-.660
110	436	.447	.167	-.021	-1.536	110	506	-.256	.090	-.008	-.618	110	556	-.254	.098	-.002	-.848
110	437	.455	.156	-.014	-1.266	110	507	-.220	.070	-.033	-.551	110	557	-.278	.112	-.039	-.794
110	438	.331	.134	-.052	-1.062	110	508	-.198	.059	-.020	-.496	110	558	-.238	.083	-.057	-.603
110	439	.360	.163	.049	-1.104	110	509	-.209	.060	-.017	-.457	110	559	-.246	.091	-.057	-.805
110	440	.377	.176	.014	-1.116	110	510	-.217	.077	-.006	-.629	110	560	-.230	.099	.034	-.662
110	441	.248	.094	.012	-.740	110	511	-.187	.071	-.042	-.764	110	561	-.218	.094	.070	-.723
110	442	.221	.088	.075	-.700	110	512	-.190	.068	-.042	-.680	110	562	-.217	.090	.002	-.701



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	563	- .203	.077	-.034	-.571	110	707	.001	.086	.579	-.354	110	940	-.476	.176	.055	-1.157
110	564	-.179	.064	-.009	-.501	110	708	-.012	.039	.136	-.160	110	941	-.305	.106	.069	-.778
110	565	-.160	.041	-.059	-.383	110	709	-.003	.037	.224	-.118	110	942	-.468	.153	-.043	-1.069
110	566	-.152	.046	.061	-.413	110	710	-.018	.041	.164	-.167	110	943	-.152	.346	.888	-1.290
110	567	-.149	.052	.014	-.401	110	711	-.031	.050	.171	-.239	110	944	-.393	.200	1.329	-.023
110	568	-.163	.072	.088	-.762	110	712	.034	.073	.499	-.192	110	945	-.207	.180	.643	-.743
110	569	-.143	.093	.265	-.490	110	713	.096	.099	.744	-.169	110	946	-.298	.098	.015	-.797
110	570	-.230	.100	.070	-.973	110	714	.061	.083	.420	-.230	110	947	-.230	.190	.404	-1.604
110	571	-.222	.089	-.025	-.673	110	801	-.033	.045	.208	-.339	110	948	.013	.089	.500	-.362
110	572	-.221	.083	-.000	-.832	110	802	.155	.086	.600	-.015	110	949	.061	.092	.607	-.162
110	573	-.031	.045	.159	-.347	110	803	.084	.065	.390	-.060	110	950	-.071	.072	.204	-.446
110	574	-.031	.042	.147	-.283	110	901	-.181	.099	.231	-.681	110	951	-.067	.043	.134	-.334
110	575	-.026	.044	.143	-.215	110	902	-.225	.084	.067	-.697	110	1101	-.090	.048	.242	-.252
110	576	-.058	.049	.188	-.272	110	903	-.219	.074	-.002	-.631	110	1102	-.097	.058	.383	-.302
110	577	-.057	.047	.128	-.302	110	904	-.224	.076	.036	-.676	110	1103	-.100	.092	.358	-.461
110	578	-.319	.137	-.023	-.977	110	905	-.219	.106	.131	-.845	110	1104	-.047	.078	.297	-.598
110	579	-.212	.090	.018	-.712	110	906	-.046	.037	.088	-.202	110	1105	-.037	.058	.265	-.259
110	580	-.106	.052	.086	-.363	110	907	.019	.049	.281	-.119	110	1106	-.025	.067	.315	-.277
110	581	-.090	.041	.155	-.248	110	908	.001	.040	.186	-.104	110	1107	-.063	.057	.222	-.443
110	582	-.087	.039	.118	-.211	110	909	-.026	.054	.272	-.252	110	1108	-.154	.062	.101	-.427
110	583	-.408	.213	-.002	-1.356	110	910	-.019	.051	.238	-.204	110	1109	-.112	.034	.010	-.291
110	584	-.085	.043	.079	-.238	110	911	-.249	.093	.015	-.704	110	1110	-.119	.034	-.011	-.306
110	585	-.088	.042	.118	-.277	110	912	-.035	.045	.205	-.195	110	1111	-.127	.037	-.022	-.347
110	586	-.080	.055	.197	-.249	110	913	-.249	.106	.017	-1.050	110	1112	-.112	.038	.131	-.347
110	601	-.051	.035	.113	-.245	110	914	-.260	.086	-.033	-.723	110	1113	-.105	.054	.128	-.425
110	602	-.049	.033	.140	-.216	110	915	-.250	.081	-.038	-.657	110	1201	-.091	.102	.629	-.837
110	603	-.044	.034	.095	-.220	110	916	-.264	.092	-.021	-.669	110	1202	-.139	.090	.381	-.568
110	604	-.039	.036	.104	-.281	110	917	-.198	.090	.165	-.704	110	1203	-.181	.051	-.029	-.489
110	605	-.026	.037	.150	-.220	110	918	.014	.044	.243	-.207	110	1204	-.177	.046	-.070	-.400
110	606	-.023	.042	.134	-.288	110	919	.027	.034	.210	-.164	110	1205	-.165	.046	-.052	-.477
110	607	-.025	.040	.203	-.247	110	920	.030	.031	.203	-.093	110	1206	-.158	.046	-.022	-.357
110	608	-.034	.028	.096	-.186	110	921	.042	.028	.215	-.081	110	1207	-.113	.052	.085	-.350
110	609	-.033	.029	.101	-.261	110	922	.018	.026	.157	-.073	110	1208	-.075	.054	.228	-.291
110	610	-.032	.030	.112	-.168	110	923	-.062	.056	.086	-.309	110	1209	-.087	.057	.159	-.411
110	611	-.025	.028	.071	-.138	110	924	-.064	.072	.150	-.593	110	1210	-.107	.052	.055	-.345
110	612	-.012	.032	.126	-.140	110	925	.022	.027	.141	-.097	110	1211	-.176	.066	.012	-.511
110	613	-.007	.036	.146	-.149	110	926	-.072	.075	.184	-.473	110	1301	-.138	.129	.392	-.825
110	614	-.006	.037	.174	-.215	110	927	.028	.047	.146	-.159	110	1302	-.046	.092	.579	-.407
110	615	-.036	.027	.056	-.166	110	928	-.223	.087	.024	-.588	110	1303	-.186	.087	.060	-.627
110	616	-.039	.027	.103	-.144	110	929	-.144	.068	.031	-.578	110	1304	-.175	.048	.005	-.448
110	617	-.043	.028	.101	-.134	110	930	-.340	.116	-.016	-.797	110	1305	-.140	.130	.263	-.775
110	618	-.032	.028	.125	-.124	110	931	-.185	.087	.124	-.671	110	1306	-.151	.040	.003	-.357
110	619	-.017	.032	.131	-.128	110	932	-.026	.078	.284	-.616	110	1307	-.179	.047	-.070	-.418
110	620	-.012	.032	.119	-.140	110	933	-.025	.056	.246	-.333	110	1308	-.165	.043	-.049	-.448
110	621	-.014	.033	.114	-.190	110	934	.000	.054	.357	-.131	110	1309	-.182	.061	-.013	-.726
110	701	-.058	.033	.105	-.321	110	935	-.072	.066	.329	-.340	110	1310	-.209	.064	-.042	-.614
110	702	-.042	.039	.154	-.247	110	936	-.042	.041	.115	-.207	110	1311	-.164	.051	-.029	-.393
110	703	-.038	.044	.164	-.425	110	937	-.290	.143	.155	-1.071	110	1312	-.238	.087	-.054	-.878
110	704	-.063	.051	.233	-.453	110	938	-.414	.207	.331	-1.345	110	1313	-.210	.064	-.040	-.548
110	705	-.037	.059	.278	-.342	110	939	-.053	.044	.155	-.259	110	1314	-.208	.098	.096	-.755

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	101	- .360	.115	-.053	-.923	120	151	- .326	.105	-.070	-.797	120	223	.014	.140	.652	-.451
120	102	- .371	.113	-.023	-.955	120	152	- .316	.099	-.063	-.870	120	224	.002	.144	.685	-.435
120	103	- .340	.120	.016	-1.011	120	153	- .297	.090	-.065	-.755	120	225	-.045	.123	.456	-.548
120	104	- .308	.140	.185	-1.057	120	154	- .278	.084	-.056	-.647	120	226	.219	.211	.907	-.539
120	105	- .303	.135	.292	-.839	120	155	- .272	.080	-.044	-.584	120	227	.287	.203	.923	-.444
120	106	- .402	.154	-.035	-1.233	120	156	- .305	.099	.012	-1.026	120	228	.296	.192	.955	-.245
120	107	- .335	.112	-.046	-.862	120	157	- .294	.089	-.014	-.685	120	229	.222	.157	.733	-.189
120	108	- .298	.096	-.023	-.753	120	158	- .287	.087	-.077	-.785	120	230	.175	.133	.733	-.178
120	109	- .266	.078	.014	-.591	120	159	- .208	.045	-.093	-.423	120	231	.251	.169	.992	-.247
120	110	- .265	.076	-.007	-.614	120	160	- .188	.048	.017	-.374	120	232	.221	.156	.897	-.173
120	111	- .260	.077	-.002	-.760	120	161	- .166	.049	.054	-.392	120	233	.153	.153	.823	-.407
120	112	- .262	.083	-.009	-.742	120	162	- .314	.130	-.039	-1.117	120	234	.133	.143	.763	-.250
120	113	- .274	.099	.007	-1.166	120	163	- .318	.129	-.035	-1.356	120	235	.060	.132	.699	-.238
120	114	- .298	.119	.002	-1.145	120	164	- .320	.141	-.058	-1.347	120	236	-.030	.115	.557	-.497
120	115	- .304	.136	.058	-1.272	120	165	- .306	.135	.066	-1.253	120	237	.126	.181	.766	-.331
120	116	- .278	.096	-.023	-.718	120	166	- .263	.121	.134	-1.124	120	238	.189	.176	.923	-.222
120	117	- .259	.088	-.030	-.897	120	167	- .233	.113	.148	-1.092	120	239	.226	.158	.868	-.134
120	118	- .230	.062	-.007	-.349	120	168	- .252	.099	-.014	-.912	120	240	.178	.117	.669	-.167
120	119	- .240	.066	.021	-.677	120	169	- .317	.120	-.056	-.891	120	241	.170	.116	.578	-.085
120	120	- .251	.074	-.016	-.781	120	170	- .196	.054	-.078	-.432	120	242	.210	.128	.812	-.216
120	121	- .258	.076	-.023	-.769	120	171	- .286	.139	.040	-1.594	120	243	.196	.117	.789	-.090
120	122	- .266	.086	.014	-.860	120	172	- .291	.142	.064	-1.492	120	244	.131	.119	.662	-.288
120	123	- .270	.086	.053	-.742	120	173	- .282	.126	.057	-1.118	120	245	.117	.130	.835	-.206
120	124	- .269	.081	-.021	-.730	120	174	- .248	.122	.298	-1.531	120	246	.030	.115	.555	-.272
120	125	- .294	.099	-.030	-.806	120	175	- .212	.119	.151	-.817	120	247	-.052	.104	.639	-.417
120	126	- .266	.086	-.037	-1.010	120	176	- .176	.104	.186	-.974	120	248	.063	.142	.782	-.393
120	127	- .231	.054	-.058	-.459	120	177	- .167	.099	.191	-1.144	120	249	.095	.121	.679	-.232
120	128	- .232	.055	-.086	-.614	120	178	- .145	.088	.199	-.596	120	250	.107	.099	.553	-.127
120	129	- .248	.071	-.012	-.688	120	201	- .351	.223	.980	-.624	120	251	.104	.085	.487	-.178
120	130	- .255	.076	-.046	-.848	120	202	- .219	.231	.983	-.564	120	252	.116	.097	.602	-.230
120	131	- .257	.088	-.065	-.915	120	203	- .090	.202	.798	-.631	120	253	.183	.112	.691	-.055
120	132	- .266	.082	-.039	-.709	120	204	- .009	.247	.872	-.865	120	254	.118	.095	.604	-.143
120	133	- .278	.082	-.007	-.663	120	205	- .085	.221	.851	-.852	120	255	.060	.098	.569	-.248
120	134	- .297	.099	-.046	-.825	120	206	- .046	.185	.664	-.656	120	256	.048	.098	.646	-.246
120	135	- .285	.089	-.044	-.735	120	207	- .134	.141	.298	-.677	120	257	.000	.113	.532	-.431
120	136	- .236	.053	-.035	-.510	120	208	- .167	.152	.310	-.825	120	258	-.093	.098	.473	-.447
120	137	- .237	.053	-.039	-.470	120	209	- .283	.150	.294	-.890	120	259	.095	.085	.511	-.239
120	138	- .267	.081	-.067	-1.140	120	210	- .280	.145	.227	-.844	120	260	-.042	.142	.443	-.676
120	139	- .275	.085	-.030	-.897	120	211	- .254	.102	.160	-.691	120	261	.044	.112	.562	-.454
120	140	- .270	.084	-.002	-.992	120	212	- .258	.143	.338	-.918	120	262	.005	.078	.429	-.255
120	141	- .293	.093	-.025	-.983	120	213	- .138	.220	.761	-.964	120	263	.028	.067	.427	-.197
120	142	- .302	.089	-.016	-.718	120	214	- .140	.194	.606	-.943	120	264	.038	.056	.396	-.171
120	143	- .317	.094	-.002	-.769	120	215	- .216	.207	.948	-.499	120	265	.042	.055	.291	-.132
120	144	- .303	.098	-.014	-.897	120	216	- .184	.191	.837	-.347	120	266	.040	.054	.361	-.129
120	145	- .248	.065	-.046	-.596	120	217	- .107	.159	.724	-.314	120	267	.026	.061	.389	-.132
120	146	- .255	.067	-.056	-.654	120	218	- .059	.144	.599	-.430	120	268	.000	.062	.356	-.176
120	147	- .298	.090	-.107	-.955	120	219	- .006	.124	.511	-.340	120	269	-.065	.071	.380	-.262
120	148	- .304	.098	.000	-1.527	120	220	- .162	.177	.891	-.384	120	270	-.135	.069	.209	-.431
120	149	- .312	.104	-.054	-1.183	120	221	- .065	.164	.911	-.372	120	271	-.007	.054	.298	-.284
120	150	- .311	.098	-.063	-.785	120	222	- .017	.147	.687	-.504	120	272	.007	.050	.417	-.223

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	273	.016	.038	.202	-.143	120	418	-.440	.260	.356	-1.634	120	468	.034	.046	.252	-.112
120	274	.026	.037	.156	-.127	120	419	-.551	.234	.201	-2.946	120	469	.031	.046	.259	-.142
120	275	.030	.041	.226	-.106	120	420	-.116	.068	.138	-.477	120	470	.032	.060	.338	-.291
120	276	.017	.044	.249	-.127	120	421	-.089	.108	.374	-.428	120	471	-.001	.093	.363	-.734
120	277	-.014	.040	.270	-.190	120	422	-.270	.113	.241	-.722	120	472	-.040	.114	.404	-.628
120	278	-.080	.045	.139	-.344	120	423	-.371	.091	-.091	-.757	120	473	.029	.038	.252	-.076
120	279	-.154	.059	.144	-.463	120	424	-.374	.096	-.058	-.722	120	474	.040	.040	.243	-.067
120	280	-.026	.080	.307	-.466	120	425	-.302	.073	-.061	-.585	120	475	.050	.045	.365	-.074
120	281	-.031	.061	.349	-.335	120	426	-.167	.164	.156	-1.010	120	476	.058	.046	.271	-.080
120	282	-.043	.047	.188	-.232	120	427	-.463	.244	.310	-1.456	120	477	.072	.051	.339	-.050
120	283	-.063	.037	.235	-.230	120	428	-.482	.212	.324	-1.269	120	478	.060	.050	.328	-.222
120	284	-.060	.038	.184	-.281	120	429	-.182	.080	.147	-.532	120	479	.052	.063	.363	-.305
120	285	-.037	.045	.164	-.196	120	430	-.203	.099	.278	-.571	120	480	.058	.062	.354	-.277
120	286	-.002	.061	.304	-.279	120	431	-.316	.094	.124	-.683	120	501	-.283	.077	-.069	-.791
120	287	-.040	.094	.228	-1.031	120	432	-.362	.091	-.072	-.718	120	502	-.264	.067	-.062	-.558
120	288	-.106	.097	.138	-.585	120	433	-.380	.092	-.119	-.770	120	503	-.272	.072	-.076	-.699
120	289	-.062	.062	.197	-.552	120	434	-.249	.069	-.058	-.651	120	504	-.314	.087	-.060	-.921
120	290	-.051	.032	.064	-.220	120	435	-.162	.171	.201	-1.071	120	505	-.290	.075	-.021	-.594
120	291	-.060	.029	.040	-.163	120	436	-.384	.259	.383	-1.267	120	506	-.303	.079	-.043	-.688
120	292	-.067	.027	.029	-.181	120	437	-.444	.223	.315	-1.288	120	507	-.247	.061	-.067	-.511
120	293	-.097	.062	.444	-.120	120	438	-.358	.093	-.096	-.826	120	508	-.241	.064	-.058	-.580
120	294	.143	.082	.597	-.030	120	439	-.302	.070	-.056	-.653	120	509	-.249	.064	-.027	-.489
120	295	.154	.084	.573	-.039	120	440	-.234	.061	-.019	-.469	120	510	-.259	.073	-.032	-.600
120	296	.143	.085	.501	-.065	120	441	-.280	.091	.028	-.634	120	511	-.225	.060	-.002	-.562
120	297	.119	.074	.496	-.065	120	442	-.284	.088	.061	-.653	120	512	-.224	.056	-.020	-.450
120	298	.127	.090	.531	-.072	120	443	-.311	.089	-.075	-.786	120	513	-.232	.059	-.058	-.544
120	299	.040	.052	.304	-.102	120	444	-.340	.090	-.086	-.749	120	514	-.230	.056	-.065	-.467
120	300	.005	.049	.389	-.124	120	445	-.199	.057	.021	-.448	120	515	-.232	.054	-.067	-.454
120	301	.022	.047	.261	-.100	120	446	-.076	.061	.187	-.627	120	516	-.233	.064	-.036	-.566
120	302	-.071	.047	.094	-.262	120	447	-.070	.132	.315	-.795	120	517	-.228	.056	-.060	-.454
120	303	-.027	.033	.147	-.148	120	448	-.196	.228	.378	-1.066	120	518	-.279	.080	-.045	-.584
120	304	-.039	.028	.112	-.141	120	449	-.259	.206	.385	-1.026	120	519	-.278	.068	-.078	-.542
120	305	-.050	.029	.084	-.159	120	450	-.307	.083	-.072	-.718	120	520	-.317	.084	-.073	-.683
120	401	-.238	.072	.033	-.647	120	451	-.256	.066	-.047	-.541	120	521	-.402	.110	-.087	-.961
120	402	-.211	.101	.094	-.694	120	452	-.194	.054	.012	-.427	120	522	-.384	.097	-.040	-.791
120	403	-.584	.235	.267	-1.660	120	453	-.094	.151	.485	-.592	120	523	-.225	.055	-.027	-.474
120	404	-.288	.083	-.045	-.707	120	454	-.156	.096	.359	-.497	120	524	-.222	.055	-.065	-.472
120	405	-.261	.074	-.045	-.637	120	455	-.306	.110	-.047	-.886	120	525	-.228	.050	-.080	-.511
120	406	-.179	.076	.132	-.653	120	456	-.093	.042	.070	-.270	120	526	-.213	.047	-.056	-.445
120	407	-.301	.121	.070	-1.015	120	457	-.021	.043	.142	-.191	120	527	-.220	.052	-.082	-.463
120	408	-.482	.177	.031	-1.221	120	458	-.002	.053	.308	-.317	120	528	-.216	.058	-.062	-.560
120	409	-.222	.061	-.026	-.514	120	459	-.008	.080	.268	-.534	120	529	-.220	.074	-.023	-.756
120	410	-.211	.055	-.040	-.456	120	460	-.039	.150	.497	-.760	120	530	-.206	.058	-.015	-.437
120	411	-.286	.074	-.079	-.624	120	461	-.094	.165	.404	-1.005	120	531	-.211	.060	-.002	-.584
120	412	-.297	.073	-.039	-.617	120	462	-.108	.052	.063	-.366	120	532	-.334	.085	-.032	-.657
120	413	-.355	.096	-.009	-.701	120	463	-.132	.056	.054	-.445	120	533	-.361	.083	-.106	-.694
120	414	-.398	.100	-.046	-.806	120	464	-.093	.045	.096	-.284	120	534	-.221	.052	-.056	-.441
120	415	-.388	.108	-.084	-.816	120	465	-.002	.036	.154	-.135	120	535	-.220	.051	-.021	-.459
120	416	-.251	.064	-.028	-.547	120	466	-.004	.034	.126	-.133	120	536	-.228	.053	-.056	-.472
120	417	-.161	.106	.141	-.783	120	467	-.024	.041	.191	-.096	120	537	-.214	.047	-.073	-.510

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	338	-.224	.055	-.069	-.441	120	602	-.074	.032	.052	-.390	120	915	-.255	.070	-.040	-.541
120	339	-.215	.050	-.065	-.483	120	603	-.084	.034	.060	-.246	120	916	-.252	.070	-.037	-.690
120	340	-.212	.052	-.073	-.441	120	604	-.087	.036	.040	-.289	120	917	-.206	.075	.027	-.681
120	341	-.215	.055	-.036	-.472	120	605	-.072	.041	.095	-.255	120	918	-.062	.066	.140	-.420
120	342	-.212	.062	-.001	-.591	120	606	-.070	.044	.077	-.261	120	919	-.023	.050	.157	-.581
120	343	-.340	.081	-.040	-.644	120	607	-.077	.048	.149	-.341	120	920	-.020	.043	.187	-.191
120	344	-.343	.083	-.020	-.663	120	608	-.079	.031	.018	-.330	120	921	.017	.035	.216	-.122
120	345	-.323	.091	-.062	-.837	120	609	-.081	.029	.029	-.236	120	922	.004	.031	.166	-.092
120	346	-.344	.092	-.066	-.715	120	610	-.095	.036	.079	-.271	120	923	-.065	.039	.081	-.229
120	347	-.239	.059	-.075	-.571	120	611	-.078	.033	.072	-.249	120	924	-.039	.046	.171	-.234
120	348	-.235	.054	-.035	-.491	120	612	-.049	.032	.077	-.166	120	925	.019	.025	.145	-.077
120	349	-.233	.056	-.081	-.669	120	613	-.043	.034	.103	-.206	120	926	-.068	.070	.154	-.380
120	350	-.224	.049	-.088	-.420	120	614	-.046	.039	.114	-.227	120	927	-.054	.033	.150	-.151
120	351	-.225	.055	-.081	-.478	120	615	-.066	.028	.047	-.229	120	928	-.235	.087	.012	-.645
120	352	-.246	.066	-.085	-.584	120	616	-.069	.027	.032	-.190	120	929	-.149	.070	.067	-.527
120	353	-.252	.073	-.068	-.619	120	617	-.075	.027	.069	-.214	120	930	-.261	.099	-.002	-.768
120	354	-.265	.083	-.014	-.791	120	618	-.059	.029	.086	-.151	120	931	-.178	.065	.088	-.520
120	355	-.264	.077	-.048	-.663	120	619	-.037	.032	.130	-.137	120	932	-.166	.121	.195	-1.052
120	356	-.299	.078	-.083	-.650	120	620	-.033	.036	.109	-.149	120	933	-.118	.077	.187	-.555
120	357	-.316	.084	-.072	-.671	120	621	-.033	.035	.098	-.193	120	934	-.065	.068	.322	-.354
120	358	-.303	.078	-.088	-.610	120	701	-.077	.032	.088	-.232	120	935	-.113	.068	.256	-.411
120	359	-.305	.087	-.062	-.721	120	702	-.145	.070	.114	-.526	120	936	-.067	.048	.183	-.309
120	360	-.288	.085	-.040	-.654	120	703	-.161	.089	.105	-.737	120	937	-.308	.180	.715	-1.248
120	361	-.283	.082	-.057	-.725	120	704	-.174	.087	.079	-.892	120	938	-.269	.158	.204	-1.307
120	362	-.245	.060	-.077	-.569	120	705	-.051	.076	.292	-.277	120	939	-.081	.045	.091	-.274
120	363	-.232	.054	-.101	-.528	120	707	-.069	.117	.595	-.477	120	940	-.400	.138	.076	-1.023
120	364	-.214	.050	-.079	-.439	120	708	-.070	.050	.117	-.271	120	941	-.287	.109	.114	-.896
120	365	-.243	.062	-.068	-.532	120	709	-.073	.051	.117	-.315	120	942	-.397	.125	-.037	-.936
120	366	-.234	.056	-.075	-.437	120	710	-.123	.061	.083	-.462	120	943	-.149	.224	.713	-1.066
120	367	-.204	.067	-.033	-.524	120	711	-.140	.071	.147	-.469	120	944	-.206	.136	1.044	-.089
120	368	-.254	.125	-.060	-.882	120	712	.002	.089	.499	-.271	120	945	-.292	.203	.694	-1.040
120	369	-.137	.082	-.297	-.428	120	713	.104	.109	.871	-.382	120	946	-.297	.097	.017	-.763
120	370	-.299	.108	-.038	-1.053	120	714	.091	.089	.616	-.320	120	947	-.287	.157	.261	-1.723
120	371	-.271	.076	-.070	-.695	120	801	.017	.044	.238	-.111	120	948	-.082	.101	.520	-.529
120	372	-.264	.072	-.101	-.630	120	802	.081	.060	.329	-.060	120	949	-.035	.090	.578	-.303
120	373	-.102	.066	-.123	-.396	120	803	.022	.050	.319	-.111	120	950	-.083	.082	.326	-.458
120	374	-.091	.056	-.129	-.350	120	901	-.189	.084	.147	-.671	120	951	-.082	.053	.153	-.374
120	375	-.096	.054	-.136	-.372	120	902	-.195	.062	.015	-.461	120	1101	-.101	.100	.379	-.446
120	376	-.154	.070	-.084	-.495	120	903	-.223	.064	-.035	-.576	120	1102	-.122	.101	.320	-.523
120	377	-.134	.064	-.054	-.517	120	904	-.226	.062	.008	-.543	120	1103	-.095	.169	.595	-.665
120	378	-.289	.109	-.072	-.866	120	905	-.241	.073	.083	-.527	120	1104	-.050	.179	.742	-.792
120	379	-.182	.049	-.057	-.482	120	906	-.080	.050	.143	-.456	120	1105	-.132	.093	.390	-.470
120	380	-.159	.043	-.012	-.318	120	907	-.028	.058	.223	-.342	120	1106	-.071	.106	.495	-.501
120	381	-.134	.041	-.044	-.261	120	908	-.043	.046	.131	-.210	120	1107	-.156	.078	.129	-.551
120	382	-.133	.041	-.037	-.285	120	909	-.055	.062	.289	-.274	120	1108	-.214	.068	.016	-.595
120	383	-.279	.178	-.056	-1.185	120	910	-.044	.062	.242	-.281	120	1109	-.172	.054	-.004	-.494
120	384	-.143	.044	-.019	-.322	120	911	-.207	.076	.183	-.484	120	1110	-.182	.052	-.022	-.696
120	385	-.136	.043	.001	-.298	120	912	-.067	.055	.211	-.326	120	1111	-.207	.068	-.046	-.580
120	386	-.136	.045	-.062	-.281	120	913	-.256	.081	.001	-.666	120	1112	-.168	.078	.158	-.448
120	601	-.077	.030	.012	-.283	120	914	-.289	.099	-.025	-.756	120	1113	-.146	.070	.156	-.475

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	1201	-126	.112	.366	-.615	130	126	-.326	.077	-.109	-.863	130	176	-.321	.113	-.008	-1.216
120	1202	-.236	.089	.243	-.613	130	127	-.306	.057	-.137	-.611	130	177	-.294	.104	-.100	-.957
120	1203	-.283	.071	-.061	-.617	130	128	-.309	.058	-.137	-.630	130	178	-.279	.096	-.122	-.928
120	1204	-.261	.068	-.076	-.610	130	129	-.286	.058	-.103	-.576	130	201	-.452	.233	1.061	-.562
120	1205	-.255	.064	-.109	-.564	130	130	-.289	.056	-.126	-.571	130	202	-.333	.203	1.069	-.595
120	1206	-.227	.056	-.061	-.422	130	131	-.295	.064	-.126	-.670	130	203	-.113	.154	.703	-.669
120	1207	-.204	.063	-.007	-.429	130	132	-.308	.065	-.146	-.769	130	204	-.179	.275	.925	-1.000
120	1208	-.174	.078	.048	-.753	130	133	-.322	.067	-.144	-.663	130	205	-.020	.255	.770	-.871
120	1209	-.146	.073	.067	-.568	130	134	-.347	.088	-.128	-.898	130	206	-.003	.210	.578	-.752
120	1210	-.220	.109	.077	-.910	130	135	-.324	.076	-.107	-.891	130	207	-.219	.162	.253	-.856
120	1211	-.272	.092	-.033	-.812	130	136	-.297	.054	-.123	-.521	130	208	-.221	.140	.248	-.826
120	1301	-.009	.106	.423	-.580	130	137	-.306	.055	-.116	-.594	130	209	-.490	.176	.043	-1.339
120	1302	-.032	.072	.352	-.319	130	138	-.300	.063	-.126	-.634	130	210	-.425	.119	-.049	-.966
120	1303	-.250	.114	.048	-.928	130	139	-.302	.059	-.114	-.551	130	211	-.393	.080	-.163	-.822
120	1304	-.259	.088	-.079	-.580	130	140	-.304	.056	-.107	-.553	130	212	-.417	.122	.061	-1.025
120	1305	-.022	.152	-.536	-.385	130	141	-.322	.062	-.146	-.682	130	213	-.299	.196	.596	-1.142
120	1306	-.246	.061	-.068	-.521	130	142	-.343	.069	-.142	-.824	130	214	-.276	.176	.514	-.861
120	1307	-.281	.080	-.087	-.799	130	143	-.371	.086	-.139	-.845	130	215	-.316	.153	.825	-.186
120	1308	-.245	.061	-.002	-.518	130	144	-.349	.086	-.103	-.944	130	216	-.260	.133	.772	-.323
120	1309	-.272	.079	-.046	-.759	130	145	-.300	.060	-.082	-.516	130	217	-.169	.120	.584	-.255
120	1310	-.309	.080	-.092	-.910	130	146	-.308	.062	-.089	-.604	130	218	-.107	.097	.516	-.209
120	1311	-.269	.069	-.033	-.567	130	147	-.335	.066	-.169	-.608	130	219	.016	.083	.280	-.337
120	1312	-.316	.099	-.114	-.866	130	148	-.351	.064	-.190	-.594	130	220	.275	.159	1.074	-.330
120	1313	-.284	.089	-.033	-.774	130	149	-.355	.073	-.168	-.625	130	221	.171	.136	.674	-.284
120	1314	-.208	.105	.114	-.726	130	150	-.378	.081	-.175	-.822	130	222	-.025	.122	.633	-.607
130	101	-.438	.118	-.095	-1.022	130	151	-.386	.087	-.200	-.878	130	223	-.000	.105	.404	-.559
130	102	-.427	.118	-.031	-1.100	130	152	-.393	.094	-.163	-.905	130	224	-.050	.100	.484	-.520
130	103	-.378	.114	-.044	-.914	130	153	-.386	.098	-.140	-1.395	130	225	-.119	.089	.422	-.525
130	104	-.439	.129	.010	-1.112	130	154	-.344	.084	-.096	-.847	130	226	-.453	.155	.966	-.044
130	105	-.409	.112	-.057	-.914	130	155	-.346	.074	-.096	-.727	130	227	-.529	.161	1.065	-.003
130	106	-.437	.150	-.098	-1.302	130	156	-.391	.101	-.098	-.989	130	228	-.448	.164	.943	-.104
130	107	-.383	.114	-.112	-.992	130	157	-.395	.096	-.168	-.947	130	229	-.353	.146	.820	-.179
130	108	-.352	.088	-.077	-.788	130	158	-.380	.090	-.168	-.820	130	230	-.288	.126	.642	-.145
130	109	-.337	.076	-.077	-.806	130	159	-.287	.056	-.124	-.502	130	231	-.448	.189	1.033	-.243
130	110	-.336	.074	-.105	-.748	130	160	-.263	.048	-.117	-.481	130	232	-.410	.155	1.051	-.058
130	111	-.319	.069	-.123	-.778	130	161	-.248	.048	-.082	-.451	130	233	-.238	.145	.749	-.403
130	112	-.309	.066	-.093	-.629	130	162	-.334	.091	-.110	-.903	130	234	-.174	.126	.646	-.307
130	113	-.319	.075	-.052	-.746	130	163	-.337	.089	-.126	-.817	130	235	-.022	.099	.461	-.422
130	114	-.319	.080	-.075	-.914	130	164	-.340	.092	-.103	-.857	130	236	-.103	.076	.216	-.481
130	115	-.338	.099	-.082	-1.305	130	165	-.353	.111	-.094	-1.566	130	237	-.400	.171	.937	-.150
130	116	-.332	.081	-.096	-.771	130	166	-.362	.099	-.119	-1.100	130	238	-.487	.170	1.092	-.095
130	117	-.330	.078	-.066	-1.199	130	167	-.370	.120	-.094	-1.318	130	239	-.453	.161	.985	-.054
130	118	-.312	.061	-.080	-.643	130	168	-.364	.105	-.131	-1.054	130	240	-.360	.144	.876	-.026
130	119	-.311	.062	-.121	-.585	130	169	-.382	.103	-.135	-.970	130	241	-.347	.135	.874	-.006
130	120	-.300	.057	-.114	-.581	130	170	-.299	.064	-.094	-.548	130	242	-.393	.165	1.008	-.077
130	121	-.301	.060	-.132	-.544	130	171	-.331	.107	-.068	-.919	130	243	-.357	.149	.950	-.107
130	122	-.304	.066	-.098	-.765	130	172	-.325	.111	-.070	-1.172	130	244	-.192	.130	.631	-.234
130	123	-.314	.063	-.130	-.647	130	173	-.324	.108	-.066	-1.121	130	245	-.132	.105	.523	-.259
130	124	-.322	.069	-.017	-.859	130	174	-.341	.107	-.073	-1.506	130	246	-.029	.077	.375	-.264
130	125	-.340	.082	-.126	-.820	130	175	-.314	.103	-.048	-1.529	130	247	-.131	.068	.154	-.368

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	248	.289	.148	.920	-.137	130	298	.194	.113	.705	-.073	130	443	-.380	.099	-.021	-.829
130	249	.351	.161	.899	-.036	130	299	.059	.070	.424	-.135	130	444	-.388	.111	-.012	-.970
130	250	.365	.147	.964	-.100	130	300	.005	.061	.375	-.183	130	445	-.219	.075	.083	-.516
130	251	.330	.136	.855	-.029	130	301	.031	.061	.315	-.137	130	446	-.041	.071	.292	-.477
130	252	.310	.129	.885	-.255	130	302	-.103	.050	.089	-.319	130	447	-.001	.149	.421	-.912
130	253	.313	.132	.908	-.001	130	303	-.039	.044	.187	-.177	130	448	-.172	.259	.500	-1.252
130	254	.235	.116	.680	-.056	130	304	-.057	.036	.140	-.199	130	449	-.254	.238	.523	-1.287
130	255	.057	.097	.470	-.271	130	305	-.074	.033	.091	-.210	130	450	-.408	.096	-.155	-.817
130	256	.043	.078	.357	-.197	130	401	-.241	.084	.083	-.648	130	451	-.287	.082	.058	-.595
130	257	-.081	.062	.198	-.319	130	402	-.154	.133	.312	-.817	130	452	-.203	.071	.155	-.498
130	258	.166	.052	.082	-.368	130	403	-.516	.339	.505	-1.650	130	453	-.017	.152	.602	-.574
130	259	.300	.133	.781	-.033	130	404	-.487	.113	-.183	-.979	130	454	-.187	.135	.548	-.833
130	260	.104	.206	.641	-.806	130	405	-.346	.098	-.022	-.660	130	455	-.379	.114	-.074	-1.032
130	261	.064	.104	.449	-.352	130	406	-.159	.110	-.353	-.567	130	456	-.128	.051	.130	-.368
130	262	.214	.126	.701	-.128	130	407	-.266	.182	.448	-.952	130	457	-.024	.048	.190	-.269
130	263	.239	.125	.685	-.049	130	408	-.432	.159	.211	-1.325	130	458	-.009	.065	.386	-.424
130	264	.236	.120	.809	-.109	130	409	-.336	.079	-.120	-.692	130	459	-.016	.118	.414	-.715
130	265	.210	.115	.721	-.070	130	410	-.284	.071	-.061	-.516	130	460	-.105	.223	.530	-.977
130	266	.138	.088	.558	-.126	130	411	-.434	.099	-.152	-.817	130	461	-.155	.213	.497	-.884
130	267	.076	.077	.472	-.105	130	412	-.370	.087	-.071	-.699	130	462	-.143	.060	.090	-.428
130	268	.001	.061	.274	-.204	130	413	-.499	.113	-.101	-.896	130	463	-.173	.069	.028	-.528
130	269	.123	.051	.105	-.299	130	414	-.510	.116	-.025	-.861	130	464	-.115	.056	.111	-.310
130	270	.214	.053	-.031	-.467	130	415	-.463	.117	-.142	-.896	130	465	-.032	.040	.130	-.229
130	271	.115	.090	.592	-.172	130	416	-.253	.080	-.057	-.497	130	466	-.053	.040	.104	-.192
130	272	.144	.096	.576	-.105	130	417	-.073	.092	.245	-.551	130	467	.011	.042	.178	-.188
130	273	.144	.081	.569	-.089	130	418	-.217	.291	.398	-1.082	130	468	.028	.049	.275	-.275
130	274	.112	.068	.398	-.128	130	419	-.370	.281	.544	-1.425	130	469	.036	.055	.294	-.292
130	275	.095	.062	.391	-.091	130	420	-.076	.083	.240	-.474	130	470	.037	.086	.366	-.333
130	276	.056	.057	.311	-.100	130	421	-.037	.139	.468	-.451	130	471	-.182	.167	.300	-1.097
130	277	.013	.056	.248	-.183	130	422	-.254	.182	.577	-.732	130	472	-.194	.162	.503	-1.076
130	278	-.101	.050	-.094	-.340	130	423	-.453	.113	-.131	-.975	130	473	-.011	.035	.129	-.146
130	279	-.201	.061	-.033	-.541	130	424	-.447	.113	-.140	-1.024	130	474	.002	.037	.164	-.119
130	280	-.062	.165	.401	-.954	130	425	-.295	.091	.090	-.634	130	475	.013	.046	.297	-.124
130	281	-.008	.063	.230	-.285	130	426	-.034	.132	.301	-.792	130	476	.032	.045	.238	-.121
130	282	-.029	.054	.200	-.421	130	427	-.261	.309	.613	-1.127	130	477	.045	.052	.269	-.115
130	283	-.096	.041	.071	-.407	130	428	-.301	.252	.578	-1.000	130	478	.053	.064	.415	-.230
130	284	-.090	.046	.131	-.292	130	429	-.134	.096	.231	-.620	130	479	.001	.095	.331	-.540
130	285	-.034	.055	.235	-.226	130	430	-.082	.160	.428	-.634	130	480	.013	.098	.526	-.390
130	286	-.013	.075	.355	-.336	130	431	-.365	.163	.368	-.815	130	501	-.379	.081	-.118	-.880
130	287	-.090	.145	.344	-1.221	130	432	-.447	.118	-.079	-.995	130	502	-.374	.078	-.131	-.730
130	288	-.233	.137	.200	-.950	130	433	-.471	.112	-.155	-.993	130	503	-.392	.077	-.156	-.775
130	289	-.140	.092	.125	-.673	130	434	-.239	.086	.113	-.574	130	504	-.459	.097	-.176	-1.056
130	290	-.090	.043	.138	-.285	130	435	-.042	.155	.493	-.984	130	505	-.401	.081	-.159	-.717
130	291	-.097	.036	.029	-.290	130	436	-.270	.298	.544	-1.405	130	506	-.429	.086	-.178	-.790
130	292	-.108	.037	.014	-.330	130	437	-.321	.253	.486	-1.190	130	507	-.354	.070	-.136	-.629
130	293	-.144	.088	.568	-.099	130	438	-.474	.107	-.100	-.852	130	508	-.351	.076	-.129	-.743
130	294	-.219	.100	.765	-.028	130	439	-.354	.095	.083	-.694	130	509	-.368	.074	-.165	-.634
130	295	-.260	.112	.676	-.016	130	440	-.241	.080	.072	-.509	130	510	-.408	.088	-.151	-.777
130	296	-.232	.109	.787	-.033	130	441	-.353	.099	.076	-.764	130	511	-.324	.061	-.162	-.542
130	297	-.201	.095	.681	-.044	130	442	-.369	.103	.069	-.792	130	512	-.317	.060	-.129	-.542

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	513	-.339	.070	-.140	-.598	130	563	-.300	.059	-.128	-.540	130	707	.239	.148	1.050	-.206
130	514	-.338	.068	-.131	-.606	130	564	-.289	.055	-.159	-.503	130	708	-.155	.058	.048	-.433
130	515	-.336	.073	-.131	-.609	130	565	-.338	.079	-.133	-.719	130	709	-.151	.049	.046	-.444
130	516	-.369	.083	-.124	-.777	130	566	-.299	.075	-.080	-.688	130	710	-.255	.072	-.034	-.595
130	517	-.329	.074	-.066	-.667	130	567	-.285	.075	-.078	-.637	130	711	-.235	.075	.004	-.693
130	518	-.446	.093	-.176	-.804	130	568	-.412	.179	-.060	-1.328	130	712	.053	.097	.435	-.229
130	519	-.366	.087	-.084	-.679	130	569	-.160	.125	.422	-.571	130	713	.252	.151	1.146	-.160
130	520	-.473	.138	-.095	-1.143	130	570	-.439	.158	.012	-1.364	130	714	.229	.133	.915	-.362
130	521	-.485	.146	-.084	-1.050	130	571	-.337	.081	-.124	-.666	130	801	.065	.053	.269	-.076
130	522	-.454	.153	-.064	-1.058	130	572	-.311	.065	-.133	-.593	130	802	.196	.098	.541	-.047
130	523	-.324	.057	-.174	-.656	130	573	-.189	.087	.100	-.661	130	803	.073	.067	.363	-.083
130	524	-.319	.057	-.158	-.594	130	574	-.186	.083	.045	-.580	130	901	-.261	.109	.172	-.800
130	525	-.333	.070	-.133	-.676	130	575	-.188	.072	-.015	-.536	130	902	-.223	.086	.038	-.571
130	526	-.296	.058	-.118	-.530	130	576	-.283	.099	-.003	-.752	130	903	-.333	.075	-.085	-.651
130	527	-.334	.077	-.145	-.884	130	577	-.285	.088	-.058	-.811	130	904	-.322	.066	-.064	-.620
130	528	-.351	.088	-.116	-.862	130	578	-.362	.089	-.148	-.813	130	905	-.331	.081	-.130	-.772
130	529	-.328	.077	-.129	-.748	130	579	-.265	.056	-.104	-.503	130	906	-.285	.100	-.048	-.870
130	530	-.323	.073	-.107	-.614	130	580	-.235	.047	-.093	-.424	130	907	-.196	.085	.073	-.754
130	531	-.324	.069	-.075	-.621	130	581	-.215	.045	-.067	-.417	130	908	-.141	.046	.022	-.356
130	532	-.380	.153	-.074	-.862	130	582	-.212	.045	-.036	-.378	130	909	-.219	.101	.120	-.770
130	533	-.440	.128	-.089	-.945	130	583	-.363	.154	-.006	-1.280	130	910	-.063	.073	.300	-.408
130	534	-.326	.058	-.113	-.565	130	584	-.220	.046	-.003	-.415	130	911	-.283	.119	.160	-.698
130	535	-.310	.056	-.086	-.515	130	585	-.207	.043	.080	-.413	130	912	-.226	.100	.095	-.772
130	536	-.358	.076	-.156	-.766	130	586	-.207	.046	.021	-.351	130	913	-.354	.118	.132	-.838
130	537	-.300	.058	-.147	-.563	130	601	-.108	.037	.008	-.280	130	914	-.437	.100	-.090	-1.018
130	538	-.337	.065	-.162	-.612	130	602	-.141	.050	.015	-.352	130	915	-.355	.081	.125	-.653
130	539	-.341	.061	-.151	-.609	130	603	-.129	.045	.028	-.340	130	916	-.368	.075	-.155	-.754
130	540	-.339	.061	-.169	-.598	130	604	-.139	.047	.032	-.340	130	917	-.300	.071	-.076	-.737
130	541	-.329	.062	-.171	-.670	130	605	-.115	.053	.078	-.351	130	918	-.258	.093	-.011	-1.151
130	542	-.331	.069	-.124	-.777	130	606	-.119	.061	.140	-.357	130	919	-.203	.084	.029	-.770
130	543	-.407	.122	.025	-.819	130	607	-.140	.067	.135	-.435	130	920	-.156	.060	.038	-.424
130	544	-.402	.121	.014	-.806	130	608	-.117	.037	.007	-.335	130	921	-.123	.078	.073	-.567
130	545	-.358	.170	-.188	-.933	130	609	-.123	.038	.007	-.333	130	922	-.054	.047	.123	-.265
130	546	-.534	.159	-.109	-1.201	130	610	-.147	.046	-.007	-.349	130	923	-.134	.056	.076	-.303
130	547	-.317	.061	-.067	-.639	130	611	-.123	.049	.040	-.364	130	924	-.054	.053	.141	-.282
130	548	-.313	.061	-.111	-.529	130	612	-.064	.049	.157	-.264	130	925	-.037	.043	.123	-.223
130	549	-.356	.078	-.140	-.882	130	613	-.060	.047	.184	-.240	130	926	-.179	.068	.050	-.485
130	550	-.334	.069	-.151	-.886	130	614	-.071	.052	.162	-.302	130	927	-.021	.046	.155	-.195
130	551	-.360	.076	-.162	-.774	130	615	-.117	.048	.018	-.437	130	928	-.367	.093	-.050	-.726
130	552	-.386	.084	-.164	-.780	130	616	-.129	.046	.004	-.502	130	929	-.256	.081	-.048	-.658
130	553	-.423	.097	-.140	-.848	130	617	-.145	.053	.035	-.451	130	930	-.357	.093	-.071	-.835
130	554	-.429	.102	-.133	-.884	130	618	-.053	.043	.188	-.191	130	931	-.280	.071	-.029	-.754
130	555	-.427	.101	-.164	-.934	130	619	-.003	.065	.408	-.167	130	932	-.294	.100	-.081	-.920
130	556	-.379	.133	.056	-.870	130	620	-.013	.057	.419	-.153	130	933	-.248	.077	-.025	-.784
130	557	-.374	.140	.039	-.917	130	621	-.029	.052	.284	-.213	130	934	-.100	.073	.202	-.427
130	558	-.452	.127	-.100	-.875	130	701	-.117	.037	.011	-.324	130	935	-.294	.177	.359	-1.200
130	559	-.459	.130	-.126	-1.042	130	702	-.296	.096	-.078	-.823	130	936	-.044	.068	.419	-.324
130	560	-.366	.089	-.095	-.738	130	703	-.303	.096	-.085	-.827	130	937	-.450	.208	.487	-1.314
130	561	-.346	.081	-.140	-.699	130	704	-.286	.105	-.041	-1.028	130	938	-.390	.131	.052	-1.142
130	562	-.317	.062	-.146	-.575	130	705	-.003	.096	.459	-.290	130	939	-.080	.065	.253	-.321

WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN	WD	TAP	CPMEAN	CPRMS	CPHAX	CPHIN
130	940	- .505	.127	.022	-1.039	140	101	- .396	.104	- .135	- .833	140	151	- .335	.078	- .188	- .989
130	941	- .407	.106	- .062	- .990	140	102	- .412	.113	- .098	- .894	140	152	- .340	.077	- .082	- .799
130	942	- .498	.124	- .055	- .992	140	103	- .374	.111	- .115	- 1.014	140	153	- .342	.079	- .112	- .662
130	943	- .326	.178	.501	- .870	140	104	- .409	.128	- .050	- .970	140	154	- .328	.070	- .179	- .831
130	944	- .350	.151	1.020	.006	140	105	- .372	.111	- .060	- .805	140	155	- .325	.066	- .174	- .660
130	945	- .494	.150	.302	-1.165	140	106	- .460	.152	- .107	-1.084	140	156	- .330	.068	- .172	- .787
130	946	- .411	.101	- .074	- .866	140	107	- .405	.121	- .109	-1.016	140	157	- .336	.076	- .130	- .852
130	947	- .318	.106	- .033	- .810	140	108	- .360	.093	- .109	- .743	140	158	- .333	.079	- .109	- .727
130	948	- .035	.128	.589	- .762	140	109	- .334	.067	- .146	- .644	140	159	- .257	.041	- .146	- .473
130	949	- .209	.134	1.028	- .429	140	110	- .331	.067	- .139	- .577	140	160	- .236	.033	- .123	- .364
130	950	- .026	.154	.486	- .664	140	111	- .298	.063	- .098	- .616	140	161	- .221	.034	- .126	- .345
130	951	- .049	.076	.374	- .351	140	112	- .297	.062	- .050	- .515	140	162	- .313	.075	- .137	- .720
130	1101	- .172	.106	.344	- .486	140	113	- .296	.062	- .105	- .577	140	163	- .317	.078	- .119	- .801
130	1102	- .176	.107	.333	- .491	140	114	- .298	.061	- .075	- .607	140	164	- .323	.081	- .146	- 1.086
130	1103	- .117	.180	.579	- .626	140	115	- .300	.062	- .047	- .752	140	165	- .327	.091	- .098	- 1.199
130	1104	- .061	.198	.681	- .835	140	116	- .297	.059	- .128	- .610	140	166	- .326	.094	- .126	- 1.009
130	1105	- .222	.077	.164	- .522	140	117	- .308	.063	- .130	- .646	140	167	- .330	.106	- .047	- .935
130	1106	- .108	.123	.517	- .522	140	118	- .302	.056	- .139	- .531	140	168	- .322	.087	- .123	- .852
130	1107	- .243	.061	- .013	- .611	140	119	- .304	.062	- .130	- .628	140	169	- .339	.091	- .158	- .885
130	1108	- .249	.066	- .042	- .832	140	120	- .283	.048	- .114	- .495	140	170	- .262	.044	- .105	- .443
130	1109	- .229	.049	- .096	- .551	140	121	- .294	.054	- .116	- .584	140	171	- .303	.094	- .039	- 1.042
130	1110	- .239	.053	- .093	- .566	140	122	- .292	.052	- .137	- .479	140	172	- .304	.093	- .019	- .853
130	1111	- .241	.059	- .058	- .515	140	123	- .297	.051	- .155	- .497	140	173	- .301	.098	- .034	- 1.116
130	1112	- .244	.091	- .100	- .646	140	124	- .295	.048	- .146	- .490	140	174	- .303	.092	- .039	- .991
130	1113	- .211	.074	- .155	- .548	140	125	- .301	.054	- .105	- .486	140	175	- .287	.091	- .006	- 1.056
130	1201	- .084	.117	.333	- .531	140	126	- .313	.056	- .141	- .545	140	176	- .257	.084	- .045	- .909
130	1202	- .215	.167	.393	- .682	140	127	- .302	.052	- .148	- .483	140	177	- .237	.084	- .027	- .806
130	1203	- .383	.091	- .102	- .759	140	128	- .298	.053	- .135	- .504	140	178	- .203	.078	- .128	- .690
130	1204	- .381	.088	- .124	- .755	140	129	- .283	.049	- .158	- .495	140	201	- .285	.271	1.068	- .792
130	1205	- .337	.087	- .140	- .739	140	130	- .283	.052	- .130	- .538	140	202	- .177	.227	.855	- .668
130	1206	- .291	.060	- .142	- .568	140	131	- .291	.053	- .132	- .488	140	203	- .011	.158	.725	- .711
130	1207	- .280	.064	- .116	- .548	140	132	- .297	.052	- .171	- .499	140	204	- .108	.251	.670	- .889
130	1208	- .270	.094	- .051	- .753	140	133	- .300	.051	- .158	- .520	140	205	- .082	.181	.688	- .656
130	1209	- .273	.098	- .041	- .787	140	134	- .311	.052	- .162	- .509	140	206	- .106	.158	.554	- .620
130	1210	- .356	.137	- .091	- 1.026	140	135	- .312	.057	- .164	- .575	140	207	- .244	.171	.282	- .912
130	1211	- .336	.125	.031	- .850	140	136	- .299	.049	- .155	- .490	140	208	- .190	.141	.193	- .771
130	1301	- .016	.133	.584	- .557	140	137	- .307	.056	- .137	- .646	140	209	- .480	.188	- .089	- 1.325
130	1302	- .028	.082	.446	- .315	140	138	- .286	.052	- .128	- .522	140	210	- .422	.127	- .021	- .903
130	1303	- .392	.172	.013	- 1.201	140	139	- .289	.051	- .137	- .495	140	211	- .397	.089	- .132	- .794
130	1304	- .352	.084	- .078	- .770	140	140	- .300	.053	- .153	- .504	140	212	- .400	.117	- .020	- .935
130	1305	- .031	.166	.619	- .644	140	141	- .293	.052	- .151	- .550	140	213	- .324	.150	.273	- 1.113
130	1306	- .319	.078	- .107	- .675	140	142	- .310	.057	- .160	- .566	140	214	- .306	.141	.289	- .819
130	1307	- .371	.093	- .149	- .759	140	143	- .334	.064	- .174	- .651	140	215	- .252	.210	.902	- .431
130	1308	- .306	.092	- .005	- .695	140	144	- .339	.067	- .125	- .628	140	216	- .205	.179	.777	- .310
130	1309	- .365	.088	- .009	- .730	140	145	- .325	.062	- .158	- .577	140	217	- .119	.138	.526	- .367
130	1310	- .406	.103	- .113	- .977	140	146	- .333	.069	- .164	- .692	140	218	- .070	.107	.453	- .297
130	1311	- .344	.095	- .073	- .830	140	147	- .315	.059	- .176	- .600	140	219	- .014	.088	.260	- .342
130	1312	- .468	.121	- .124	- 1.052	140	148	- .315	.061	- .174	- .596	140	220	- .175	.193	.750	- .319
130	1313	- .407	.114	- .080	- .895	140	149	- .318	.062	- .144	- .579	140	221	- .131	.164	.693	- .552
130	1314	- .212	.127	.322	- .886	140	150	- .338	.074	- .156	- .797	140	222	- .027	.110	.362	- .406



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	223	-.033	.094	.355	-.351	140	273	.068	.082	.568	-.171	140	418	.041	.201	.564	-.885
140	224	-.089	.080	.248	-.376	140	274	.070	.077	.420	-.139	140	419	-.040	.290	.694	-1.595
140	225	-.148	.065	.121	-.438	140	275	.079	.081	.505	-.153	140	420	-.113	.079	.196	-.493
140	226	.353	.235	1.026	-.591	140	276	.053	.074	.379	-.143	140	421	.028	.132	.474	-.373
140	227	.369	.223	1.060	-.657	140	277	.008	.070	.423	-.180	140	422	-.039	.213	.756	-.697
140	228	.319	.182	.918	-.169	140	278	-.083	.062	.236	-.272	140	423	-.343	.122	-.028	-.910
140	229	.241	.159	.690	-.187	140	279	-.176	.061	.167	-.420	140	424	-.311	.121	.013	-.845
140	230	.195	.138	.647	-.262	140	280	-.064	.172	.416	-1.151	140	425	-.153	.100	.227	-.505
140	231	.307	.213	1.067	-.242	140	281	-.044	.086	.372	-.433	140	426	.058	.122	.651	-.999
140	232	.319	.189	.930	-.242	140	282	-.073	.072	.384	-.751	140	427	.049	.255	.723	-1.112
140	233	.151	.146	.693	-.354	140	283	-.114	.044	.073	-.403	140	428	-.017	.284	.762	-.837
140	234	.135	.119	.524	-.260	140	284	-.116	.047	.110	-.360	140	429	-.124	.069	.155	-.544
140	235	-.022	.086	.305	-.329	140	285	-.081	.059	.219	-.296	140	430	-.007	.127	.485	-.854
140	236	-.125	.063	.187	-.374	140	286	-.047	.078	.386	-.372	140	431	-.124	.222	.589	-.983
140	237	.260	.202	.937	-.655	140	287	-.112	.128	.342	-.958	140	432	-.321	.142	.183	-.872
140	238	.302	.220	1.110	-.495	140	288	-.217	.126	.201	-.790	140	433	-.300	.135	.067	-.861
140	239	.299	.188	.851	-.189	140	289	-.148	.090	.146	-.686	140	434	-.122	.102	.321	-.489
140	240	.252	.166	.786	-.185	140	290	-.112	.043	.090	-.282	140	435	.033	.129	.628	-.969
140	241	.254	.149	.715	-.123	140	291	-.110	.032	.025	-.291	140	436	-.013	.249	.767	-1.038
140	242	.292	.188	1.021	-.222	140	292	-.115	.030	.001	-.227	140	437	-.079	.255	.898	-.934
140	243	.304	.177	.876	-.166	140	293	-.052	.057	.339	-.100	140	438	-.355	.148	-.004	-.971
140	244	.155	.136	.598	-.247	140	294	.097	.085	.475	-.178	140	439	-.208	.116	.254	-.609
140	245	.080	.119	.531	-.235	140	295	.110	.095	.527	-.122	140	440	-.129	.087	.335	-.413
140	246	-.041	.075	.289	-.272	140	296	.089	.109	.725	-.180	140	441	-.303	.133	.065	-.881
140	247	-.144	.056	.103	-.330	140	297	.083	.093	.569	-.113	140	442	-.242	.135	.234	-.777
140	248	.145	.156	.855	-.314	140	298	-.080	.102	.600	-.142	140	443	-.238	.138	.497	-.780
140	249	.190	.158	.768	-.281	140	299	-.013	.073	.368	-.171	140	444	-.253	.137	.227	-1.015
140	250	.215	.155	.867	-.206	140	300	-.046	.060	.319	-.216	140	445	-.122	.089	.250	-.450
140	251	.235	.152	.759	-.194	140	301	-.036	.060	.257	-.182	140	446	-.029	.067	.289	-.390
140	252	.223	.155	.800	-.160	140	302	-.115	.049	.170	-.320	140	447	-.019	.119	.301	-1.041
140	253	.272	.158	.786	-.139	140	303	-.071	.041	.112	-.202	140	448	-.109	.213	.439	-1.045
140	254	.198	.139	.784	-.150	140	304	-.081	.034	.094	-.200	140	449	-.138	.199	.434	-.923
140	255	.080	.118	.683	-.256	140	305	-.094	.028	.016	-.175	140	450	-.329	.135	-.046	-.877
140	256	.061	.109	.466	-.194	140	401	-.168	.084	.180	-.667	140	451	-.184	.100	.178	-.921
140	257	-.068	.074	.259	-.256	140	402	-.009	.140	.497	-.750	140	452	-.122	.079	.213	-.438
140	258	-.149	.057	.147	-.367	140	403	-.050	.308	.751	-1.236	140	453	-.004	.151	.525	-.475
140	259	.185	.144	.710	-.111	140	404	-.484	.123	-.204	-.944	140	454	-.043	.146	.790	-.577
140	260	.063	.212	.627	-1.039	140	405	-.324	.094	-.006	-.715	140	455	-.301	.153	.081	-1.066
140	261	.068	.124	.531	-.422	140	406	-.050	.098	.304	-.349	140	456	-.094	.062	.164	-.320
140	262	.074	.109	.724	-.348	140	407	-.023	.187	.823	-.701	140	457	-.030	.052	.243	-.380
140	263	.086	.112	.644	-.309	140	408	-.260	.180	.458	-1.098	140	458	-.023	.060	.167	-.422
140	264	.112	.122	.710	-.238	140	409	-.376	.089	-.092	-.819	140	459	-.043	.093	.224	-.614
140	265	.116	.115	.602	-.183	140	410	-.262	.103	.246	-.618	140	460	-.080	.146	.372	-.888
140	266	.111	.113	.646	-.143	140	411	-.489	.124	-.186	-.919	140	461	-.117	.148	.303	-.891
140	267	.083	.100	.499	-.162	140	412	-.307	.119	.187	-.686	140	462	-.101	.065	.217	-.463
140	268	.031	.089	.423	-.189	140	413	-.429	.151	-.082	-1.003	140	463	-.115	.064	.169	-.540
140	269	-.089	.068	.285	-.291	140	414	-.403	.143	-.046	-.938	140	464	-.071	.060	.247	-.320
140	270	-.179	.053	.066	-.360	140	415	-.334	.121	-.075	-.963	140	465	-.030	.035	.095	-.180
140	271	.028	.065	.328	-.226	140	416	-.140	.098	.284	-.493	140	466	-.026	.040	.215	-.214
140	272	.060	.080	.455	-.194	140	417	-.003	.107	.467	-.503	140	467	-.010	.035	.125	-.129

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	468	-.013	.039	.127	-.210	140	538	-.325	.062	-.161	-.579	140	602	-.130	.036	.011	-.320
140	469	-.019	.045	.104	-.387	140	539	-.350	.069	-.163	-.687	140	603	-.132	.038	.016	-.305
140	470	-.044	.078	.185	-.581	140	540	-.347	.067	-.174	-.637	140	604	-.132	.042	.019	-.330
140	471	-.044	.090	.195	-.565	140	541	-.344	.062	-.192	-.702	140	605	-.117	.046	.067	-.407
140	472	-.066	.103	.231	-.630	140	542	-.336	.067	-.163	-.714	140	606	-.115	.050	.085	-.494
140	473	.003	.033	.148	-.106	140	543	-.259	.137	.163	-.925	140	607	-.129	.053	.069	-.538
140	474	.012	.030	.174	-.086	140	544	-.283	.131	.094	-.794	140	608	-.124	.031	-.022	-.268
140	475	.019	.036	.252	-.091	140	545	-.194	.161	.435	-.783	140	609	-.128	.030	-.014	-.241
140	476	.017	.034	.183	-.104	140	546	-.387	.173	.048	-1.173	140	610	-.143	.039	-.031	-.324
140	477	.020	.036	.261	-.173	140	547	-.306	.061	-.137	-.585	140	611	-.121	.042	.022	-.293
140	478	.015	.044	.246	-.187	140	548	-.313	.061	-.130	-.545	140	612	-.091	.038	.071	-.232
140	479	-.001	.057	.226	-.365	140	549	-.328	.069	-.145	-.720	140	613	-.085	.041	.114	-.255
140	480	.016	.057	.273	-.307	140	550	-.329	.069	-.130	-.609	140	614	-.092	.041	.112	-.311
140	501	-.346	.075	-.138	-.747	140	551	-.314	.069	-.114	-.609	140	615	-.111	.030	-.015	-.244
140	502	-.348	.072	-.136	-.750	140	552	-.361	.082	-.123	-.747	140	616	-.119	.032	-.003	-.294
140	503	-.355	.066	-.181	-.644	140	553	-.444	.109	-.143	-.933	140	617	-.130	.032	.021	-.306
140	504	-.466	.092	-.219	-.846	140	554	-.471	.115	-.219	-1.144	140	618	-.089	.040	.107	-.195
140	505	-.423	.086	-.205	-.912	140	555	-.468	.105	-.214	-1.055	140	619	-.068	.042	.179	-.183
140	506	-.434	.083	-.203	-.725	140	556	-.225	.120	-.267	-.673	140	620	-.064	.046	.253	-.181
140	507	-.322	.069	-.129	-.651	140	557	-.226	.142	.347	-.902	140	621	-.069	.043	.195	-.227
140	508	-.346	.076	-.143	-.727	140	558	-.326	.147	.019	-1.082	140	701	-.128	.033	-.021	-.272
140	509	-.365	.075	-.156	-.705	140	559	-.312	.136	.001	-1.024	140	702	-.253	.072	-.082	-.856
140	510	-.389	.081	-.170	-.732	140	560	-.320	.069	-.170	-.669	140	703	-.257	.084	-.056	-.784
140	511	-.290	.056	-.129	-.504	140	561	-.315	.071	-.114	-.669	140	704	-.258	.082	-.006	-.770
140	512	-.293	.055	-.136	-.495	140	562	-.267	.044	-.152	-.432	140	705	-.044	.097	.385	-.343
140	513	-.305	.068	-.134	-.617	140	563	-.257	.042	-.121	-.432	140	707	-.138	.165	.747	-.354
140	514	-.312	.065	-.116	-.646	140	564	-.246	.040	-.134	-.445	140	708	-.150	.045	.035	-.352
140	515	-.320	.071	-.131	-.678	140	565	-.273	.051	-.134	-.596	140	709	-.147	.037	.030	-.289
140	516	-.338	.073	-.134	-.630	140	566	-.232	.053	-.023	-.538	140	710	-.225	.055	-.017	-.492
140	517	-.306	.077	-.050	-.567	140	567	-.223	.056	-.077	-.518	140	711	-.218	.058	-.017	-.506
140	518	-.436	.104	-.188	-.864	140	568	-.356	.167	-.019	-1.379	140	712	-.008	.095	.431	-.248
140	519	-.310	.097	-.028	-.646	140	569	-.029	.116	.680	-.458	140	713	.157	.148	.827	-.187
140	520	-.424	.149	-.120	-1.397	140	570	-.271	.152	.054	-1.164	140	714	.150	.141	.805	-.418
140	521	-.345	.132	-.010	-.839	140	571	-.294	.062	-.123	-.596	140	801	.003	.034	.212	-.114
140	522	-.322	.124	-.071	-.873	140	572	-.275	.048	-.159	-.543	140	802	.114	.101	.499	-.101
140	523	-.290	.053	-.147	-.498	140	573	-.153	.058	.067	-.527	140	803	.035	.078	.333	-.210
140	524	-.282	.049	-.147	-.502	140	574	-.149	.054	.059	-.401	140	901	-.162	.132	.291	-.790
140	525	-.301	.064	-.107	-.588	140	575	-.157	.047	.019	-.389	140	902	-.299	.112	.037	-.720
140	526	-.306	.065	-.144	-1.264	140	576	-.218	.069	-.015	-.611	140	903	-.366	.075	-.123	-.655
140	527	-.324	.077	-.120	-.821	140	577	-.238	.066	-.071	-.604	140	904	-.338	.074	-.095	-.629
140	528	-.358	.102	-.129	-.792	140	578	-.303	.077	-.145	-.682	140	905	-.337	.066	-.154	-.678
140	529	-.356	.092	-.129	-.961	140	579	-.230	.040	-.117	-.443	140	906	-.249	.084	-.012	-.808
140	530	-.332	.074	-.118	-.709	140	580	-.200	.032	-.072	-.312	140	907	-.161	.068	.084	-.534
140	531	-.338	.073	-.143	-.702	140	581	-.199	.032	-.061	-.308	140	908	-.140	.037	-.005	-.287
140	532	-.237	.133	-.177	-.880	140	582	-.200	.033	-.075	-.325	140	909	-.192	.085	.117	-.748
140	533	-.307	.117	-.010	-.981	140	583	-.281	.130	-.004	-1.565	140	910	-.064	.071	.294	-.303
140	534	-.295	.052	-.136	-.495	140	584	-.194	.033	-.017	-.350	140	911	-.368	.134	.221	-.867
140	535	-.296	.053	-.158	-.592	140	585	-.186	.033	-.070	-.312	140	912	-.185	.079	.140	-.589
140	536	-.310	.062	-.140	-.617	140	586	-.191	.034	-.026	-.305	140	913	-.218	.139	.303	-.841
140	537	-.293	.058	-.123	-.537	140	601	-.123	.034	-.004	-.283	140	914	-.448	.098	-.121	-.934

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	915	- .320	.104	.149	-.645	140	1201	-.124	.094	.344	-.462	150	126	-.285	.043	-.134	-.491
140	916	-.367	.071	-.135	-.634	140	1202	-.101	.143	-.643	-.547	150	127	-.277	.043	-.123	-.459
140	917	-.330	.069	-.130	-.659	140	1203	-.290	.072	-.049	-.713	150	128	-.285	.045	-.139	-.507
140	918	-.305	.097	-.049	-1.340	140	1204	-.289	.062	-.127	-.708	150	129	-.266	.038	-.128	-.438
140	919	-.305	.091	-.056	-.874	140	1205	-.273	.054	-.101	-.655	150	130	-.267	.041	-.141	-.482
140	920	-.236	.065	-.012	-.608	140	1206	-.248	.041	-.127	-.431	150	131	-.268	.039	-.130	-.473
140	921	-.267	.104	.117	-.813	140	1207	-.225	.041	-.094	-.462	150	132	-.278	.039	-.146	-.440
140	922	-.113	.063	.175	-.457	140	1208	-.224	.059	-.058	-.655	150	133	-.277	.035	-.169	-.438
140	923	-.283	.135	.191	-.829	140	1209	-.239	.068	-.037	-.809	150	134	-.291	.041	-.151	-.514
140	924	-.070	.092	.294	-.405	140	1210	-.261	.078	-.040	-.829	150	135	-.297	.041	-.155	-.496
140	925	-.159	.069	.252	-.489	140	1211	-.247	.083	.060	-.911	150	136	-.283	.042	-.134	-.440
140	926	-.299	.119	.166	-.755	140	1301	-.040	.132	.721	-.626	150	137	-.299	.046	-.155	-.505
140	927	-.070	.107	.252	-.540	140	1302	-.010	.068	.328	-.275	150	138	-.272	.039	-.114	-.431
140	928	-.561	.147	-.184	-1.095	140	1303	-.214	.161	.174	-1.445	150	139	-.274	.044	-.132	-.445
140	929	-.460	.136	-.044	-.897	140	1304	-.295	.058	-.130	-.708	150	140	-.279	.043	-.151	-.466
140	930	-.394	.112	-.093	-.850	140	1305	-.032	.119	.505	-.554	150	141	-.269	.044	-.157	-.629
140	931	-.355	.087	-.107	-.785	140	1306	-.248	.055	-.083	-.498	150	142	-.301	.046	-.169	-.496
140	932	-.309	.091	-.040	-.920	140	1307	-.300	.060	-.145	-.588	150	143	-.311	.049	-.164	-.505
140	933	-.248	.069	-.028	-.627	140	1308	-.234	.062	-.022	-.509	150	144	-.305	.051	-.151	-.553
140	934	-.099	.072	.275	-.345	140	1309	-.318	.078	-.096	-.796	150	145	-.322	.056	-.169	-.560
140	935	-.270	.157	.310	-.986	140	1310	-.332	.071	-.141	-.849	150	146	-.319	.054	-.128	-.634
140	936	-.072	.073	.256	-.361	140	1311	-.260	.065	-.002	-.554	150	147	-.305	.046	-.151	-.576
140	937	-.321	.220	.464	-1.160	140	1312	-.389	.110	-.123	-1.077	150	148	-.305	.046	-.178	-.604
140	938	-.339	.137	.035	-.864	140	1313	-.356	.084	-.049	-.840	150	149	-.310	.046	-.204	-.548
140	939	-.109	.063	.263	-.307	140	1314	-.182	.120	.360	-.565	150	150	-.324	.057	-.207	-.696
140	940	-.404	.169	.194	-.958	150	101	-.362	.076	-.154	-.712	150	151	-.328	.059	-.165	-.703
140	941	-.359	.112	.054	-.820	150	102	-.386	.079	-.088	-.730	150	152	-.326	.060	-.181	-.738
140	942	-.427	.145	.147	-.951	150	103	-.333	.080	-.104	-.710	150	153	-.323	.063	-.139	-.606
140	943	-.269	.160	.564	-.927	150	104	-.370	.097	-.010	-.891	150	154	-.315	.053	-.188	-.606
140	944	-.282	.174	1.051	-.112	150	105	-.319	.087	-.045	-.751	150	155	-.305	.049	-.149	-.511
140	945	-.459	.147	.030	-1.312	150	106	-.377	.083	-.160	-.861	150	156	-.322	.054	-.179	-.654
140	946	-.372	.090	-.088	-.815	150	107	-.382	.079	-.162	-.785	150	157	-.325	.056	-.169	-.587
140	947	-.312	.094	-.016	-1.131	150	108	-.355	.079	-.107	-.742	150	158	-.316	.056	-.125	-.636
140	948	-.041	.135	.661	-.668	150	109	-.302	.055	-.144	-.592	150	159	-.252	.032	-.142	-.378
140	949	-.173	.140	.834	-.183	150	110	-.301	.060	-.125	-.537	150	160	-.239	.030	-.153	-.385
140	950	-.038	.148	.478	-.693	150	111	-.264	.047	-.109	-.470	150	161	-.246	.031	-.149	-.369
140	951	-.089	.077	.287	-.349	150	112	-.264	.046	-.093	-.507	150	162	-.306	.056	-.169	-.525
140	1101	-.115	.145	.520	-.556	150	113	-.272	.048	-.132	-.565	150	163	-.307	.056	-.186	-.766
140	1102	-.146	.155	.625	-.518	150	114	-.267	.047	-.139	-.558	150	164	-.316	.059	-.167	-.620
140	1103	-.186	.140	.643	-.663	150	115	-.280	.049	-.061	-.560	150	165	-.320	.064	-.151	-.961
140	1104	-.224	.124	.335	-.815	150	116	-.282	.051	-.132	-.585	150	166	-.331	.086	-.132	-1.244
140	1105	-.191	.066	.087	-.507	150	117	-.283	.052	-.118	-.526	150	167	-.322	.074	-.172	-.889
140	1106	-.173	.080	.192	-.626	150	118	-.278	.054	-.125	-.493	150	168	-.313	.069	-.162	-.784
140	1107	-.218	.068	.071	-.550	150	119	-.282	.057	-.111	-.601	150	169	-.299	.066	-.130	-.659
140	1108	-.226	.064	-.063	-.706	150	120	-.269	.041	-.144	-.417	150	170	-.251	.034	-.158	-.367
140	1109	-.215	.048	-.038	-.445	150	121	-.268	.043	-.128	-.528	150	171	-.279	.065	-.089	-.656
140	1110	-.234	.062	-.051	-.751	150	122	-.270	.040	-.155	-.466	150	172	-.281	.067	-.080	-.914
140	1111	-.258	.071	-.000	-.713	150	123	-.269	.043	-.144	-.500	150	173	-.282	.062	-.126	-.705
140	1112	-.176	.093	.308	-.500	150	124	-.271	.039	-.151	-.468	150	174	-.280	.063	-.106	-.714
140	1113	-.231	.080	.121	-.601	150	125	-.281	.041	-.157	-.565	150	175	-.270	.065	-.014	-.801

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	176	-.262	.067	-.086	-.843	150	248	-.019	.226	.648	-.682	150	298	-.061	.051	.245	-.182
150	177	-.215	.059	-.130	-.719	150	249	-.019	.240	.623	-.940	150	299	-.082	.049	.230	-.207
150	178	-.177	.061	.063	-.500	150	250	-.109	.110	.502	-.414	150	300	-.092	.041	.138	-.209
150	201	-.101	.221	.899	-.924	150	251	.091	.074	.418	-.116	150	301	-.080	.044	.141	-.204
150	202	-.055	.120	.658	-.389	150	252	.105	.082	.429	-.113	150	302	-.111	.036	.072	-.258
150	203	-.160	.079	.337	-.442	150	253	.113	.082	.553	-.146	150	303	-.093	.032	.078	-.182
150	204	-.011	.165	.522	-.786	150	254	.040	.084	.509	-.183	150	304	-.101	.026	.005	-.207
150	205	-.091	.119	.409	-.565	150	255	-.112	.068	.187	-.367	150	305	-.114	.026	-.011	-.209
150	206	-.141	.097	.350	-.545	150	256	-.095	.051	.120	-.269	150	401	-.069	.099	.346	-.615
150	207	-.198	.126	.252	-.643	150	257	-.179	.043	.020	-.325	150	402	.170	.142	.615	-.399
150	208	-.166	.105	.206	-.571	150	258	-.240	.040	-.048	-.411	150	403	.350	.209	.877	-.715
150	209	-.386	.139	.005	-1.076	150	259	-.077	.075	.441	-.258	150	404	-.523	.126	-.193	-1.113
150	210	-.491	.125	-.078	-.964	150	260	-.059	.134	.299	-1.071	150	405	-.302	.077	.083	-.723
150	211	-.467	.091	-.200	-.791	150	261	-.103	.064	.199	-.402	150	406	.000	.111	.426	-.547
150	212	-.452	.102	-.115	-.957	150	262	-.156	.168	.446	-.882	150	407	.222	.201	.900	-.683
150	213	-.400	.118	.051	-1.113	150	263	-.112	.170	.483	-.803	150	408	-.018	.213	.853	-.721
150	214	-.337	.106	.157	-.781	150	264	-.018	.106	.355	-.535	150	409	-.364	.094	-.032	-.726
150	215	.111	.238	.725	-.770	150	265	-.003	.056	.231	-.367	150	410	-.155	.167	.470	-.721
150	216	.112	.131	.598	-.581	150	266	-.020	.047	.185	-.190	150	411	-.526	.140	-.153	-1.114
150	217	.067	.101	.436	-.408	150	267	-.058	.040	.155	-.204	150	412	-.186	.140	.325	-.661
150	218	.038	.082	.353	-.256	150	268	-.112	.039	.190	-.267	150	413	-.362	.152	-.051	-1.047
150	219	-.044	.069	.185	-.276	150	269	-.199	.040	.015	-.351	150	414	-.325	.116	.060	-.773
150	220	.065	.214	.819	-.512	150	270	-.263	.041	-.127	-.439	150	415	-.196	.082	.026	-.634
150	221	.211	.154	.743	-.320	150	271	-.070	.098	.213	-.745	150	416	.028	.110	.411	-.415
150	222	.131	.088	.208	-.502	150	272	-.045	.096	.264	-.544	150	417	.178	.152	.696	-.262
150	223	-.090	.074	.252	-.334	150	273	-.002	.074	.201	-.530	150	418	.266	.188	.805	-.511
150	224	.133	.063	.226	-.371	150	274	.018	.054	.222	-.232	150	419	.314	.220	.889	-.652
150	225	-.184	.054	.030	-.447	150	275	-.005	.047	.197	-.190	150	420	-.090	.075	.197	-.374
150	226	.267	.254	1.135	-.541	150	276	-.024	.043	.152	-.185	150	421	.076	.128	.476	-.299
150	227	.288	.194	.904	-.728	150	277	-.074	.034	.061	-.195	150	422	.173	.200	.815	-.411
150	228	.226	.123	.725	-.256	150	278	-.168	.033	-.020	-.314	150	423	-.229	.087	.111	-.617
150	229	.124	.089	.436	-.129	150	279	-.250	.041	-.104	-.411	150	424	-.156	.087	.172	-.812
150	230	.097	.091	.452	-.147	150	280	-.161	.149	.231	-1.003	150	425	.037	.112	.445	-.329
150	231	.105	.191	1.020	-.373	150	281	-.058	.054	.136	-.409	150	426	.263	.167	.799	-.512
150	232	.358	.169	1.013	-.163	150	282	-.077	.045	.171	-.262	150	427	.352	.206	1.012	-.725
150	233	.020	.094	.492	-.279	150	283	-.145	.037	-.011	-.351	150	428	.362	.219	1.019	-.697
150	234	.005	.084	.360	-.256	150	284	-.145	.037	-.043	-.356	150	429	-.088	.072	.229	-.463
150	235	-.104	.064	.180	-.299	150	285	-.125	.036	.016	-.242	150	430	.085	.122	.507	-.315
150	236	-.190	.048	.021	-.373	150	286	-.115	.050	.207	-.262	150	431	.127	.185	.767	-.384
150	237	.176	.254	.872	-.874	150	287	-.089	.063	.190	-.641	150	432	-.183	.135	.447	-.746
150	238	.237	.233	.819	-.841	150	288	-.127	.079	.083	-.692	150	433	-.153	.123	.257	-.729
150	239	.207	.117	.676	-.458	150	289	-.109	.052	.121	-.425	150	434	.083	.133	.602	-.368
150	240	.138	.095	.658	-.134	150	290	-.108	.033	.018	-.309	150	435	.220	.163	.730	-.442
150	241	.122	.089	.483	-.139	150	291	-.118	.029	-.013	-.282	150	436	.262	.191	.901	-.440
150	242	.074	.109	.660	-.246	150	292	-.133	.028	-.026	-.267	150	437	.263	.201	.906	-.572
150	243	.297	.161	1.005	-.153	150	293	-.036	.089	.448	-.409	150	438	-.245	.119	.116	-.718
150	244	.007	.079	.457	-.258	150	294	-.014	.055	.263	-.329	150	439	-.031	.107	.308	-.382
150	245	-.033	.067	.341	-.223	150	295	-.028	.047	.212	-.169	150	440	.060	.115	.477	-.275
150	246	-.140	.052	.157	-.297	150	296	-.052	.059	.243	-.253	150	441	-.235	.099	.172	-.706
150	247	-.219	.044	.008	-.367	150	297	-.044	.056	.359	-.178	150	442	-.156	.106	.273	-.542

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
150	443	-.068	.111	.537	-.627	150	513	-.287	.071	-.107	-.677	150	563	-.244	.035	-.111	-.424
150	444	-.089	.122	.389	-.560	150	514	-.291	.066	-.118	-.637	150	564	-.228	.033	-.118	-.366
150	445	-.050	.102	.503	-.282	150	515	-.305	.077	-.105	-.785	150	565	-.255	.044	-.113	-.523
150	446	.123	.114	.625	-.183	150	516	-.356	.090	-.125	-.727	150	566	-.214	.055	-.038	-.406
150	447	.146	.119	.679	-.201	150	517	-.250	.078	-.032	-.534	150	567	-.212	.061	-.055	-.565
150	448	.137	.127	.644	-.354	150	518	-.441	.110	-.163	-1.003	150	568	-.362	.186	-.009	-1.237
150	449	.098	.128	.644	-.451	150	519	-.204	.101	-.205	-.608	150	569	-.040	.153	.718	-.379
150	450	-.245	.113	.035	-.780	150	520	-.336	.113	-.044	-1.118	150	570	-.145	.111	.228	-.991
150	451	-.041	.105	.334	-.715	150	521	-.238	.095	-.021	-.704	150	571	-.279	.044	-.144	-.459
150	452	.023	.101	.431	-.268	150	522	-.191	.082	-.068	-.556	150	572	-.263	.038	-.175	-.450
150	453	.054	.181	.660	-.465	150	523	-.261	.041	-.111	-.406	150	573	-.219	.056	-.025	-.494
150	454	.065	.182	.690	-.419	150	524	-.255	.041	-.125	-.430	150	574	-.203	.050	-.038	-.419
150	455	-.151	.115	.257	-.776	150	525	-.298	.063	-.136	-.585	150	575	-.180	.041	-.040	-.355
150	456	.061	.085	.533	-.176	150	526	-.319	.080	-.149	-1.056	150	576	-.217	.050	-.078	-.519
150	457	.088	.088	.570	-.215	150	527	-.311	.080	-.114	-1.055	150	577	-.244	.055	-.099	-.610
150	458	.099	.088	.510	-.146	150	528	-.347	.105	-.105	-.967	150	578	-.256	.058	-.131	-.665
150	459	.094	.090	.623	-.118	150	529	-.334	.080	-.093	-.821	150	579	-.214	.032	-.122	-.379
150	460	.062	.079	.510	-.141	150	530	-.316	.063	-.116	-.590	150	580	-.206	.029	-.087	-.335
150	461	.013	.071	.357	-.373	150	531	-.316	.067	-.136	-.608	150	581	-.217	.029	-.104	-.370
150	462	-.005	.081	.341	-.368	150	532	-.090	.123	-.351	-.585	150	582	-.214	.035	-.004	-.332
150	463	-.007	.089	.343	-.495	150	533	-.185	.091	-.124	-.518	150	583	-.230	.060	-.058	-1.009
150	464	.059	.091	.510	-.197	150	534	-.272	.040	-.152	-.477	150	584	-.206	.029	-.100	-.315
150	465	.062	.064	.417	-.273	150	535	-.262	.038	-.143	-.435	150	585	-.204	.029	-.115	-.337
150	466	.060	.063	.364	-.109	150	536	-.313	.061	-.154	-.610	150	586	-.212	.030	-.036	-.335
150	467	.074	.069	.445	-.090	150	537	-.323	.055	-.161	-.540	150	601	-.149	.033	-.033	-.271
150	468	.072	.064	.373	-.106	150	538	-.316	.059	-.159	-.668	150	602	-.171	.033	-.070	-.384
150	469	.081	.069	.500	-.113	150	539	-.336	.060	-.174	-.574	150	603	-.159	.035	-.042	-.346
150	470	.067	.066	.433	-.153	150	540	-.335	.058	-.165	-.700	150	604	-.153	.037	-.040	-.299
150	471	.039	.051	.248	-.229	150	541	-.329	.053	-.163	-.556	150	605	-.134	.040	-.013	-.384
150	472	.015	.054	.286	-.224	150	542	-.316	.057	-.129	-.610	150	606	-.147	.040	-.022	-.435
150	473	.070	.062	.408	-.066	150	543	-.106	.121	-.297	-.567	150	607	-.162	.041	-.007	-.383
150	474	.064	.056	.372	-.080	150	544	-.138	.119	-.246	-.992	150	608	-.145	.029	-.057	-.271
150	475	.082	.060	.432	-.053	150	545	-.052	.145	-.452	-.675	150	609	-.149	.030	-.046	-.298
150	476	.075	.065	.564	-.066	150	546	-.242	.143	-.182	-.962	150	610	-.166	.036	-.053	-.378
150	477	.073	.065	.604	-.073	150	547	-.274	.051	-.060	-.512	150	611	-.146	.033	-.035	-.309
150	478	.061	.054	.423	-.086	150	548	-.278	.049	-.122	-.461	150	612	-.108	.032	-.034	-.271
150	479	.033	.047	.334	-.140	150	549	-.304	.064	-.140	-.650	150	613	-.106	.029	-.003	-.283
150	480	-.038	.075	.214	-.451	150	550	-.303	.056	-.115	-.616	150	614	-.115	.032	-.047	-.247
150	501	-.299	.063	-.114	-.967	150	551	-.326	.063	-.115	-.565	150	615	-.153	.033	-.039	-.317
150	502	-.309	.061	-.100	-.617	150	552	-.360	.085	-.118	-.752	150	616	-.163	.034	-.061	-.346
150	503	-.331	.069	-.127	-.664	150	553	-.444	.102	-.171	-.882	150	617	-.182	.037	-.066	-.411
150	504	-.446	.093	-.186	-.796	150	554	-.455	.095	-.222	-.951	150	618	-.134	.042	-.131	-.416
150	505	-.486	.107	-.226	-.030	150	555	-.443	.092	-.189	-.953	150	619	-.071	.053	-.358	-.209
150	506	-.444	.084	-.168	-.909	150	556	-.095	.104	-.259	-.510	150	620	-.077	.041	-.178	-.174
150	507	-.301	.070	-.089	-.781	150	557	-.086	.129	-.381	-.674	150	621	-.085	.043	-.148	-.216
150	508	-.341	.079	-.136	-.783	150	558	-.202	.106	-.102	-.803	150	701	-.156	.037	-.039	-.297
150	509	-.356	.075	-.132	-.700	150	559	-.206	.097	-.222	-.740	150	702	-.264	.056	-.119	-.805
150	510	-.392	.085	-.125	-.832	150	560	-.288	.048	-.131	-.519	150	703	-.269	.062	-.128	-.690
150	511	-.263	.049	-.098	-.504	150	561	-.285	.050	-.118	-.497	150	704	-.269	.058	-.112	-.589
150	512	-.254	.048	-.096	-.498	150	562	-.256	.037	-.144	-.412	150	705	-.120	.070	-.215	-.448

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	707	.039	.131	1.025	-.506	150	940	-.535	.125	-.051	-.967	160	101	-.372	.075	-.172	-.947
150	708	-.140	.042	.006	-.314	150	941	-.333	.095	-.055	-.801	160	102	-.393	.070	-.202	-.659
150	709	-.156	.034	-.002	-.303	150	942	-.453	.137	-.147	-.976	160	103	-.353	.078	-.161	-1.120
150	710	-.239	.044	-.118	-.470	150	943	-.240	.122	-.196	-.882	160	104	-.424	.087	-.184	-.846
150	711	-.249	.048	-.091	-.515	150	944	-.125	.098	-.755	-.124	160	105	-.364	.078	-.152	-.793
150	712	-.084	.068	.252	-.290	150	945	-.609	.147	-.040	-1.127	160	106	-.376	.071	-.179	-.736
150	713	.030	.105	.623	-.330	150	946	-.383	.076	-.141	-.679	160	107	-.399	.072	-.205	-.680
150	714	.045	.124	.830	-.468	150	947	-.328	.071	-.154	-.742	160	108	-.358	.070	-.170	-.646
150	801	.173	.087	.575	-.025	150	948	-.200	.144	-.395	-.811	160	109	-.326	.055	-.149	-.606
150	802	.069	.062	.388	-.080	150	949	-.157	.143	-.831	-.512	160	110	-.336	.061	-.154	-.613
150	803	-.022	.049	.192	-.166	150	950	-.086	.170	-.512	-.961	160	111	-.282	.046	-.135	-.456
150	901	.022	.181	.722	-.594	150	951	-.073	.089	-.374	-.387	160	112	-.284	.047	-.152	-.465
150	902	-.427	.091	-.068	-.759	150	1101	-.071	.166	-.592	-.526	160	113	-.285	.045	-.154	-.486
150	903	-.421	.074	-.143	-.707	150	1102	-.105	.181	-.629	-.686	160	114	-.287	.043	-.154	-.472
150	904	-.342	.079	-.037	-.667	150	1103	-.126	.184	-.683	-.849	160	115	-.303	.045	-.175	-.468
150	905	-.357	.057	-.188	-.599	150	1104	-.242	.172	-.311	-.969	160	116	-.303	.051	-.131	-.502
150	906	-.305	.077	-.110	-.830	150	1105	-.231	.079	-.186	-.568	160	117	-.315	.058	-.135	-.526
150	907	-.252	.072	-.063	-.660	150	1106	-.182	.081	-.175	-.635	160	118	-.304	.054	-.142	-.523
150	908	-.186	.041	-.051	-.372	150	1107	-.256	.077	-.004	-.626	160	119	-.309	.059	-.147	-.592
150	909	-.276	.082	.019	-.752	150	1108	-.259	.080	-.051	-.831	160	120	-.287	.039	-.149	-.438
150	910	-.151	.068	-.126	-.436	150	1109	-.219	.049	-.066	-.537	160	121	-.278	.042	-.152	-.465
150	911	-.466	.097	-.110	-.938	150	1110	-.254	.068	-.044	-.630	160	122	-.283	.041	-.152	-.465
150	912	-.284	.089	.074	-.719	150	1111	-.257	.070	-.044	-.644	160	123	-.282	.042	-.156	-.454
150	913	-.053	.133	.522	-.457	150	1112	-.171	.104	-.331	-.532	160	124	-.292	.044	-.175	-.440
150	914	-.517	.097	-.155	-.974	150	1113	-.236	.083	-.052	-.802	160	125	-.308	.048	-.165	-.456
150	915	-.229	.097	-.222	-.596	150	1201	-.092	.125	-.344	-.537	160	126	-.310	.050	-.165	-.484
150	916	-.382	.070	-.136	-.641	150	1202	-.044	.173	-.719	-.521	160	127	-.306	.046	-.163	-.470
150	917	-.352	.062	-.155	-.606	150	1203	-.275	.069	-.079	-.561	160	128	-.316	.051	-.182	-.507
150	918	-.337	.065	-.186	-.693	150	1204	-.281	.055	-.084	-.581	160	129	-.282	.040	-.165	-.459
150	919	-.340	.079	-.143	-.745	150	1205	-.284	.058	-.106	-.528	160	130	-.284	.040	-.172	-.482
150	920	-.299	.061	-.113	-.610	150	1206	-.243	.037	-.111	-.448	160	131	-.289	.041	-.184	-.477
150	921	-.343	.113	.080	-1.066	150	1207	-.212	.036	-.089	-.385	160	132	-.299	.040	-.188	-.415
150	922	-.197	.069	.095	-.518	150	1208	-.211	.054	-.057	-.543	160	133	-.303	.037	-.182	-.433
150	923	-.210	.120	.215	-.740	150	1209	-.262	.080	-.025	-.725	160	134	-.322	.044	-.191	-.479
150	924	-.017	.094	.366	-.287	150	1210	-.294	.099	-.030	-.947	160	135	-.329	.048	-.135	-.495
150	925	-.240	.091	.029	-.676	150	1211	-.256	.097	-.045	-.786	160	136	-.314	.044	-.188	-.461
150	926	-.296	.079	.008	-.634	150	1301	-.041	.154	-.583	-.642	160	137	-.332	.050	-.168	-.526
150	927	-.049	.135	.385	-.533	150	1302	-.039	.102	-.560	-.231	160	138	-.279	.040	-.161	-.419
150	928	-.689	.111	-.275	-1.080	150	1303	-.091	.125	-.449	-.969	160	139	-.294	.041	-.168	-.452
150	929	-.423	.108	.071	-.889	150	1304	-.282	.054	-.055	-.592	160	140	-.293	.041	-.177	-.429
150	930	-.350	.060	-.160	-.646	150	1305	-.008	.157	-.520	-.677	160	141	-.297	.042	-.175	-.429
150	931	-.405	.074	-.167	-.702	150	1306	-.229	.047	-.066	-.425	160	142	-.305	.043	-.172	-.456
150	932	-.336	.072	-.129	-.660	150	1307	-.289	.057	-.122	-.548	160	143	-.319	.049	-.179	-.586
150	933	-.318	.068	-.087	-.702	150	1308	-.203	.070	-.041	-.450	160	144	-.324	.049	-.168	-.590
150	934	-.153	.061	-.114	-.382	150	1309	-.311	.072	-.059	-.615	160	145	-.340	.053	-.168	-.516
150	935	-.335	.155	.163	-.990	150	1310	-.353	.085	-.126	-.943	160	146	-.362	.058	-.177	-.572
150	936	-.089	.066	.248	-.290	150	1311	-.256	.075	-.013	-.584	160	147	-.305	.045	-.182	-.479
150	937	-.110	.106	.284	-.773	150	1312	-.416	.106	-.176	-1.056	160	148	-.318	.050	-.182	-.521
150	938	-.214	.082	.026	-.674	150	1313	-.359	.096	-.037	-.836	160	149	-.317	.045	-.188	-.523
150	939	-.116	.068	.196	-.323	150	1314	-.193	.145	-.348	-.807	160	150	-.324	.053	-.186	-.512

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	151	- .335	.057	- .181	- .628	160	223	- .137	.060	.123	- .347	160	273	- .079	.092	.177	- .671
160	152	- .337	.057	- .191	- .579	160	224	- .158	.050	.162	- .359	160	274	- .040	.056	.172	- .354
160	153	- .331	.056	- .104	- .568	160	225	- .196	.046	.092	- .434	160	275	- .045	.045	.193	- .234
160	154	- .325	.055	- .174	- .542	160	226	- .196	.229	.823	- 1 .080	160	276	- .070	.038	.128	- .220
160	155	- .327	.055	- .184	- .521	160	227	- .127	.304	.695	- 1 .392	160	277	- .110	.032	.003	- .222
160	156	- .337	.054	- .202	- .519	160	228	- .078	.118	.427	- .694	160	278	- .187	.030	- .074	- .366
160	157	- .338	.056	- .193	- .679	160	229	- .027	.075	.313	- .171	160	279	- .251	.038	- .128	- .387
160	158	- .344	.063	- .149	- .565	160	230	- .002	.070	.295	- .178	160	280	- .161	.118	.193	- .974
160	159	- .267	.037	- .149	- .402	160	231	- .056	.119	.634	- .401	160	281	- .090	.043	.104	- .244
160	160	- .264	.035	- .170	- .400	160	232	- .302	.185	1 .044	- .217	160	282	- .095	.039	.097	- .387
160	161	- .264	.038	- .163	- .400	160	233	- .068	.078	.297	- .406	160	283	- .160	.035	.015	- .316
160	162	- .320	.054	- .153	- .610	160	234	- .076	.063	.302	- .331	160	284	- .130	.040	.034	- .377
160	163	- .319	.050	- .177	- .556	160	235	- .151	.049	.150	- .324	160	285	- .100	.042	.096	- .221
160	164	- .326	.053	- .191	- .589	160	236	- .212	.039	.018	- .364	160	286	- .068	.059	.238	- .253
160	165	- .322	.052	- .200	- .542	160	237	- .234	.230	.769	- 1 .190	160	287	- .009	.075	.313	- .735
160	166	- .334	.055	- .204	- .635	160	238	- .223	.276	.725	- 1 .522	160	288	- .125	.124	.157	- .710
160	167	- .325	.056	- .188	- .754	160	239	- .008	.179	.405	- .902	160	289	- .083	.076	.157	- .376
160	168	- .328	.060	- .207	- .689	160	240	- .016	.073	.337	- .481	160	290	- .079	.037	.055	- .244
160	169	- .299	.056	- .153	- .675	160	241	- .014	.070	.299	- .284	160	291	- .107	.030	- .015	- .262
160	170	- .270	.040	- .165	- .428	160	242	- .019	.080	.388	- .281	160	292	- .127	.032	- .002	- .264
160	171	- .320	.066	- .126	- .653	160	243	- .223	.163	.894	- .279	160	293	- .074	.082	.439	- .307
160	172	- .327	.069	- .131	- .769	160	244	- .081	.067	.215	- .312	160	294	- .110	.070	.453	- .151
160	173	- .322	.070	- .133	- .839	160	245	- .096	.052	.193	- .326	160	295	- .085	.067	.396	- .099
160	174	- .333	.069	- .165	- .778	160	246	- .177	.038	.001	- .302	160	296	- .044	.007	.415	- .167
160	175	- .328	.071	- .124	- .898	160	247	- .235	.037	- .077	- .394	160	297	- .041	.066	.351	- .117
160	176	- .318	.075	- .099	- 1 .031	160	248	- .325	.178	.428	- 1 .090	160	298	- .011	.065	.351	- .144
160	177	- .308	.076	- .063	- .914	160	249	- .298	.217	.358	- .998	160	299	- .021	.053	.225	- .151
160	178	- .291	.072	- .058	- .900	160	250	- .098	.182	.332	- 1 .085	160	300	- .038	.048	.197	- .169
160	201	- .074	.223	- .589	- .874	160	251	- .015	.081	.219	- .645	160	301	- .032	.046	.172	- .162
160	202	- .070	.077	- .367	- .517	160	252	- .009	.070	.377	- .598	160	302	- .097	.039	.071	- .294
160	203	- .227	.050	- .053	- .478	160	253	- .024	.066	.259	- .300	160	303	- .070	.032	.114	- .190
160	204	- .152	.084	- .353	- .461	160	254	- .021	.074	.327	- .269	160	304	- .096	.028	.055	- .190
160	205	- .157	.084	- .193	- .528	160	255	- .161	.055	.090	- .331	160	305	- .115	.031	- .009	- .239
160	206	- .194	.073	- .083	- .421	160	256	- .139	.042	- .076	- .279	160	401	- .035	.136	.503	- .679
160	207	- .130	.121	- .197	- .706	160	257	- .195	.037	- .020	- .316	160	402	- .251	.164	.785	- .451
160	208	- .107	.083	- .204	- .545	160	258	- .240	.037	- .098	- .366	160	403	- .474	.202	1 .043	- .447
160	209	- .258	.105	- .034	- .766	160	259	- .019	.080	.302	- .507	160	404	- .634	.136	- .237	- 1 .210
160	210	- .415	.103	- .057	- .838	160	260	- .084	.100	.231	- .829	160	405	- .362	.069	.050	- .687
160	211	- .413	.080	- .217	- .796	160	261	- .147	.057	.156	- .430	160	406	- .037	.090	.270	- .334
160	212	- .396	.081	- .150	- .896	160	262	- .286	.136	.198	- 1 .002	160	407	- .309	.166	.792	- .343
160	213	- .362	.090	- .043	- .838	160	263	- .258	.144	.196	- .906	160	408	- .166	.195	.987	- 1 .045
160	214	- .304	.074	- .169	- .645	160	264	- .149	.135	.219	- .991	160	409	- .428	.125	- .044	- .979
160	215	- .282	.231	- .525	- 1 .134	160	265	- .080	.081	.182	- .556	160	410	- .054	.201	- .760	- .603
160	216	- .114	.219	- .318	- .906	160	266	- .069	.043	.092	- .354	160	411	- .531	.113	- .128	- 1 .073
160	217	- .026	.086	- .302	- .608	160	267	- .091	.034	.078	- .486	160	412	- .069	.158	.562	- .491
160	218	- .023	.070	- .269	- .387	160	268	- .137	.032	.005	- .279	160	413	- .260	.098	.010	- .852
160	219	- .069	.059	- .127	- .292	160	269	- .209	.032	- .089	- .335	160	414	- .278	.095	.031	- .959
160	220	- .101	.132	- .532	- .466	160	270	- .254	.035	- .159	- .385	160	415	- .132	.065	.105	- .393
160	221	- .228	.182	- .937	- .501	160	271	- .179	.114	.170	- .751	160	416	- .146	.106	.534	- .209
160	222	- .201	.067	- .062	- .452	160	272	- .150	.111	.177	- .761	160	417	- .292	.138	.820	- .135

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	418	.392	.161	.929	-.062	160	468	.128	.088	.553	-.095	160	538	-.372	.060	-.149	-.632
160	419	.423	.171	.967	-.133	160	469	.110	.084	.483	-.095	160	539	-.405	.068	-.149	-.934
160	420	-.075	.063	.182	-.353	160	470	.133	.095	.565	-.141	160	540	-.397	.062	-.219	-.765
160	421	.098	.096	.468	-.223	160	471	.118	.091	.652	-.131	160	541	-.367	.049	-.208	-.591
160	422	.326	.165	.876	-.232	160	472	.092	.083	.517	-.169	160	542	-.360	.056	-.192	-.594
160	423	-.157	.095	.203	-.551	160	473	.110	.073	.442	-.063	160	543	-.162	.127	.285	-.566
160	424	-.063	.087	.275	-.516	160	474	.124	.074	.507	-.049	160	544	-.217	.120	.246	-.708
160	425	.179	.107	.539	-.204	160	475	.204	.116	.874	-.038	160	545	-.046	.159	.613	-.851
160	426	.422	.150	.897	-.018	160	476	.199	.101	.688	-.036	160	546	-.446	.190	.178	-1.439
160	427	.512	.164	1.027	-.037	160	477	.202	.105	.711	-.038	160	547	-.338	.049	-.176	-.502
160	428	.475	.174	1.057	-.118	160	478	.197	.108	.740	-.047	160	548	-.334	.053	-.173	-.554
160	429	-.038	.066	.221	-.285	160	479	.166	.094	.632	-.045	160	549	-.386	.072	-.164	-.766
160	430	.186	.113	.621	-.241	160	480	.092	.085	.449	-.221	160	550	-.383	.074	-.164	-.700
160	431	.312	.165	.948	-.325	160	501	-.354	.060	-.099	-.685	160	551	-.393	.072	-.135	-.750
160	432	-.122	.116	.249	-.662	160	502	-.364	.062	-.174	-.591	160	552	-.469	.087	-.173	-.862
160	433	-.050	.116	.384	-.545	160	503	-.393	.066	-.190	-.833	160	553	-.554	.101	-.272	-1.029
160	434	.251	.119	.618	-.123	160	504	-.540	.087	-.279	-.922	160	554	-.548	.099	-.257	-1.007
160	435	.436	.151	1.011	-.137	160	505	-.533	.096	-.238	-.984	160	555	-.533	.094	-.243	-.948
160	436	.480	.159	.967	-.076	160	506	-.520	.078	-.283	-.765	160	556	-.188	.125	-.297	-.588
160	437	.418	.164	.957	-.007	160	507	-.364	.071	-.167	-.726	160	557	-.148	.136	-.338	-.682
160	438	-.241	.117	.200	-.717	160	508	-.407	.089	-.156	-.997	160	558	-.384	.144	-.192	-.953
160	439	.080	.107	.532	-.311	160	509	-.442	.089	-.162	-.801	160	559	-.348	.130	-.011	-.914
160	440	.204	.109	.602	-.183	160	510	-.497	.095	-.235	-.849	160	560	-.364	.063	-.200	-.621
160	441	-.259	.106	.165	-.680	160	511	-.329	.056	-.167	-.537	160	561	-.347	.063	-.146	-.635
160	442	-.143	.115	.309	-.527	160	512	-.316	.051	-.167	-.509	160	562	-.312	.050	-.169	-.480
160	443	.027	.108	.655	-.367	160	513	-.351	.078	-.130	-.838	160	563	-.308	.049	-.155	-.475
160	444	-.001	.117	.402	-.360	160	514	-.360	.071	-.174	-.746	160	564	-.292	.047	-.085	-.495
160	445	.157	.110	.665	-.188	160	515	-.371	.082	-.094	-.756	160	565	-.325	.059	-.176	-.601
160	446	.309	.135	.799	-.002	160	516	-.430	.094	-.110	-.906	160	566	-.248	.068	-.027	-.531
160	447	.366	.149	.915	-.011	160	517	-.292	.094	-.102	-.594	160	567	-.263	.072	-.002	-.667
160	448	.327	.139	.809	-.074	160	518	-.564	.125	-.201	-1.061	160	568	-.646	.241	-.043	-1.594
160	449	.266	.147	.906	-.248	160	519	-.245	.096	-.143	-.534	160	569	-.167	.170	.836	-.374
160	450	-.264	.124	.089	-1.066	160	520	-.382	.121	-.089	-.922	160	570	-.372	.216	-.214	-1.394
160	451	.036	.098	.486	-.364	160	521	-.359	.117	-.050	-.783	160	571	-.309	.050	-.133	-.522
160	452	.143	.104	.530	-.299	160	522	-.265	.086	-.037	-.614	160	572	-.308	.047	-.167	-.513
160	453	.281	.168	1.022	-.401	160	523	-.324	.051	-.190	-.511	160	573	-.265	.072	-.016	-.700
160	454	.301	.192	.960	-.360	160	524	-.317	.045	-.167	-.480	160	574	-.258	.067	-.061	-.570
160	455	-.234	.167	.254	-.919	160	525	-.345	.069	-.156	-.710	160	575	-.245	.061	-.070	-.509
160	456	.121	.101	.565	-.162	160	526	-.348	.069	-.029	-.753	160	576	-.297	.071	-.112	-.698
160	457	.196	.113	.621	-.097	160	527	-.379	.086	-.158	-.945	160	577	-.288	.060	-.111	-.582
160	458	.212	.120	.802	-.179	160	528	-.416	.115	-.160	-1.070	160	578	-.319	.057	-.189	-.579
160	459	.241	.138	.799	-.062	160	529	-.389	.084	-.094	-.881	160	579	-.260	.039	-.144	-.423
160	460	.187	.119	.679	-.118	160	530	-.370	.068	-.192	-.678	160	580	-.249	.033	-.162	-.378
160	461	.127	.111	.634	-.274	160	531	-.361	.063	-.165	-.703	160	581	-.235	.032	-.133	-.362
160	462	.040	.088	.435	-.371	160	532	-.082	.114	-.497	-.498	160	582	-.201	.055	-.010	-.343
160	463	-.006	.099	.409	-.487	160	533	-.260	.090	-.041	-.610	160	583	-.279	.072	-.081	-.826
160	464	.127	.095	.546	-.141	160	534	-.329	.048	-.146	-.505	160	584	-.253	.037	-.103	-.401
160	465	.075	.062	.388	-.104	160	535	-.323	.046	-.181	-.505	160	585	-.241	.035	-.139	-.369
160	466	.072	.068	.367	-.109	160	536	-.377	.070	-.153	-.746	160	586	-.251	.035	-.081	-.399
160	467	.122	.082	.470	-.127	160	537	-.383	.071	-.133	-.662	160	601	-.141	.038	-.011	-.308



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	602	-.239	.053	-.099	-.532	160	915	-.235	.095	-.206	-.607	160	1201	-.003	.116	.474	-.457
160	603	-.165	.041	-.031	-.331	160	916	-.345	.083	-.043	-.643	160	1202	-.116	.186	.780	-.607
160	604	-.188	.046	-.043	-.414	160	917	-.325	.060	-.120	-.598	160	1203	-.344	.102	.071	-.720
160	605	-.187	.058	.011	-.498	160	918	-.319	.055	-.186	-.605	160	1204	-.397	.073	-.129	-.668
160	606	-.201	.064	.018	-.565	160	919	-.323	.060	-.184	-.748	160	1205	-.317	.065	-.124	-.602
160	607	-.213	.061	-.007	-.616	160	920	-.292	.051	-.146	-.486	160	1206	-.290	.050	-.151	-.500
160	608	-.149	.036	-.031	-.324	160	921	-.330	.086	-.091	-.722	160	1207	-.276	.047	-.117	-.473
160	609	-.156	.037	-.061	-.317	160	922	-.226	.060	-.008	-.550	160	1208	-.267	.061	-.070	-.691
160	610	-.187	.044	-.061	-.423	160	923	-.052	.126	.368	-.493	160	1209	-.318	.086	-.095	-.739
160	611	-.202	.055	-.024	-.412	160	924	-.095	.084	.233	-.460	160	1210	-.340	.095	-.099	-1.006
160	612	-.125	.046	.046	-.324	160	925	-.258	.069	-.020	-.629	160	1211	-.295	.141	.132	-1.004
160	613	-.118	.044	.062	-.276	160	926	-.252	.082	.068	-.700	160	1301	.131	.159	.762	-.414
160	614	-.135	.048	-.066	-.310	160	927	-.221	.132	-.342	-.617	160	1302	.134	.104	.529	-.237
160	615	-.221	.051	-.080	-.491	160	928	-.667	.133	-.246	-1.191	160	1303	-.205	.205	.338	-1.208
160	616	-.245	.051	-.097	-.488	160	929	-.350	.141	-.068	-.860	160	1304	-.337	.072	-.108	-.630
160	617	-.280	.064	-.051	-.568	160	930	-.307	.058	-.131	-.562	160	1305	-.172	.165	.701	-.532
160	618	-.167	.060	.203	-.379	160	931	-.379	.063	-.179	-.636	160	1306	-.281	.062	-.104	-.589
160	619	-.041	.071	.387	-.244	160	932	-.310	.052	-.181	-.548	160	1307	-.341	.069	-.117	-.639
160	620	-.039	.068	.317	-.328	160	933	-.312	.057	-.143	-.634	160	1308	-.180	.078	-.084	-.566
160	621	-.067	.059	.215	-.226	160	934	-.186	.048	-.109	-.358	160	1309	-.311	.085	-.047	-.768
160	701	-.176	.038	-.056	-.347	160	935	-.359	.127	.095	-.964	160	1310	-.433	.093	-.169	-.915
160	702	-.295	.052	-.154	-.653	160	936	-.136	.057	.137	-.346	160	1311	-.273	.086	-.005	-.641
160	703	-.289	.059	-.156	-.681	160	937	-.178	.139	.202	-.598	160	1312	-.567	.140	-.208	-1.255
160	704	-.319	.061	-.163	-.657	160	938	-.164	.058	.071	-.441	160	1313	-.417	.131	-.029	-.947
160	705	-.139	.058	.094	-.409	160	939	-.164	.055	.092	-.427	160	1314	-.087	.131	.424	-.863
160	707	-.235	.164	.819	-.251	160	940	-.537	.145	.033	-1.167	170	101	-.334	.071	-.142	-.619
160	708	-.157	.059	.058	-.413	160	941	-.239	.103	.147	-.612	170	102	-.357	.073	-.156	-.718
160	709	-.192	.043	-.015	-.418	160	942	-.437	.149	.173	-.967	170	103	-.302	.060	-.139	-.658
160	710	-.283	.049	-.147	-.482	160	943	-.150	.113	.242	-.698	170	104	-.397	.074	-.160	-.732
160	711	-.286	.048	-.143	-.491	160	944	-.042	.072	.504	-.265	170	105	-.345	.068	-.117	-.759
160	712	-.067	.063	.308	-.295	160	945	-.588	.163	-.005	-1.233	170	106	-.334	.072	-.137	-.700
160	713	-.163	.133	.745	-.256	160	946	-.351	.071	-.096	-.667	170	107	-.362	.077	-.147	-.764
160	714	-.180	.159	.875	-.584	160	947	-.300	.053	-.145	-.615	170	108	-.322	.071	-.137	-.651
160	801	-.157	.081	.495	-.040	160	948	-.267	.088	.255	-.606	170	109	-.295	.057	-.110	-.651
160	802	-.005	.051	.223	-.126	160	949	-.049	.131	.585	-.582	170	110	-.310	.072	-.124	-.637
160	803	-.074	.038	.116	-.206	160	950	-.217	.185	.583	-.964	170	111	-.255	.041	-.103	-.446
160	901	-.120	.168	.811	-.686	160	951	-.127	.081	.367	-.454	170	112	-.256	.039	-.110	-.419
160	902	-.426	.080	-.034	-.822	160	1101	-.149	.160	.395	-.577	170	113	-.257	.036	-.131	-.425
160	903	-.450	.085	-.222	-.848	160	1102	-.168	.167	.508	-.607	170	114	-.259	.037	-.140	-.421
160	904	-.327	.073	-.003	-.698	160	1103	-.150	.196	.746	-.938	170	115	-.273	.045	-.126	-.444
160	905	-.337	.054	-.198	-.553	160	1104	-.155	.203	.746	-1.112	170	116	-.275	.054	-.112	-.552
160	906	-.279	.056	-.110	-.765	160	1105	-.267	.074	.139	-.548	170	117	-.286	.062	-.096	-.610
160	907	-.245	.054	-.096	-.657	160	1106	-.165	.112	.388	-.555	170	118	-.279	.055	-.126	-.573
160	908	-.195	.034	-.027	-.362	160	1107	-.292	.065	-.095	-.630	170	119	-.284	.062	-.057	-.614
160	909	-.281	.067	-.070	-.703	160	1108	-.298	.082	-.106	-.870	170	120	-.256	.035	-.144	-.405
160	910	-.198	.062	-.028	-.634	160	1109	-.256	.056	-.108	-.609	170	121	-.258	.036	-.140	-.382
160	911	-.445	.086	-.096	-.886	160	1110	-.288	.072	-.077	-.657	170	122	-.258	.035	-.144	-.379
160	912	-.283	.068	-.022	-.710	160	1111	-.307	.084	-.020	-.988	170	123	-.256	.035	-.154	-.391
160	913	-.073	.142	-.666	-.377	160	1112	-.241	.120	.368	-.693	170	124	-.269	.038	-.156	-.442
160	914	-.497	.122	-.136	-1.143	160	1113	-.265	.079	.012	-.607	170	125	-.280	.046	-.154	-.527

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	126	-299	.055	-160	-573	170	176	-278	.049	-127	-538	170	248	-418	.181	.188	-1.372
170	127	-278	.047	-101	-527	170	177	-254	.044	-113	-511	170	249	-390	.200	.224	-1.248
170	128	-286	.052	-144	-566	170	178	-226	.045	-019	-549	170	250	-289	.205	.174	-1.346
170	129	-257	.032	-170	-389	170	201	-406	.255	.375	-1.223	170	251	-169	.147	.145	-1.874
170	130	-254	.032	-144	-366	170	202	-312	.195	.153	-1.166	170	252	-144	.136	.148	-1.981
170	131	-259	.033	-165	-366	170	203	-296	.069	.054	-1.730	170	253	-095	.104	.283	-1.570
170	132	-262	.032	-131	-416	170	204	-199	.059	.017	-1.481	170	254	-090	.116	.456	-1.606
170	133	-269	.034	-163	-405	170	205	-202	.050	.071	-1.441	170	255	-189	.063	.027	-1.363
170	134	-298	.048	-167	-515	170	206	-226	.051	-045	-1.407	170	256	-174	.050	.009	-1.497
170	135	-307	.052	-165	-591	170	207	-158	.142	.200	-1.969	170	257	-201	.037	-042	-1.412
170	136	-296	.048	-133	-504	170	208	-165	.103	.174	-1.901	170	258	-232	.036	-113	-1.502
170	137	-306	.054	-142	-545	170	209	-218	.079	-002	-1.678	170	259	-169	.136	.153	-1.928
170	138	-255	.035	-140	-412	170	210	-347	.090	-058	-1.854	170	260	-191	.146	.171	-1.947
170	139	-259	.038	-147	-485	170	211	-374	.064	-209	-1.608	170	261	-182	.070	.084	-1.601
170	140	-255	.036	-163	-425	170	212	-371	.071	-180	-1.694	170	262	-308	.133	.276	-1.123
170	141	-264	.034	-174	-478	170	213	-341	.077	-087	-1.002	170	263	-290	.137	.297	-1.931
170	142	-271	.038	-135	-458	170	214	-317	.066	-098	-1.694	170	264	-265	.146	.164	-1.007
170	143	-288	.044	-158	-506	170	215	-599	.250	.176	-1.706	170	265	-185	.126	.164	-1.748
170	144	-308	.056	-124	-670	170	216	-453	.194	.071	-1.783	170	266	-144	.080	.086	-1.779
170	145	-329	.054	-160	-536	170	217	-230	.143	.068	-1.086	170	267	-149	.063	.070	-1.485
170	146	-342	.061	-167	-630	170	218	-169	.100	.047	-1.870	170	268	-160	.044	.010	-1.348
170	147	-277	.044	-158	-467	170	219	-160	.095	.059	-1.666	170	269	-198	.036	-049	-1.378
170	148	-273	.039	-156	-455	170	220	-152	.099	.315	-1.885	170	270	-228	.034	-096	-1.360
170	149	-284	.039	-156	-486	170	221	-081	.196	.775	-1.706	170	271	-254	.139	.285	-1.068
170	150	-287	.040	-172	-477	170	222	-250	.050	-009	-1.535	170	272	-251	.152	.292	-1.414
170	151	-288	.040	-172	-460	170	223	-189	.045	-023	-1.476	170	273	-200	.155	.186	-1.616
170	152	-284	.043	-177	-512	170	224	-191	.036	-063	-1.368	170	274	-145	.105	.150	-1.684
170	153	-286	.045	-128	-505	170	225	-218	.037	-094	-1.453	170	275	-124	.066	.124	-1.516
170	154	-287	.045	-165	-505	170	226	-533	.214	.190	-2.124	170	276	-122	.049	.084	-1.390
170	155	-279	.037	-149	-402	170	227	-536	.253	.256	-2.269	170	277	-144	.039	.055	-1.364
170	156	-287	.039	-170	-477	170	228	-233	.211	.190	-1.215	170	278	-192	.031	-068	-1.341
170	157	-295	.048	-172	-498	170	229	-143	.100	.089	-1.704	170	279	-240	.033	-141	-1.397
170	158	-294	.047	-149	-516	170	230	-134	.088	.115	-1.774	170	280	-176	.098	.176	-1.725
170	159	-238	.035	-102	-388	170	231	-140	.105	.244	-1.777	170	281	-133	.051	.153	-1.348
170	160	-236	.035	-137	-393	170	232	-147	.203	.826	-1.554	170	282	-137	.045	.091	-1.409
170	161	-236	.034	-130	-384	170	233	-169	.055	.019	-1.467	170	283	-175	.034	-009	-1.333
170	162	-292	.045	-174	-521	170	234	-149	.044	-040	-1.429	170	284	-163	.039	.010	-1.328
170	163	-294	.044	-184	-521	170	235	-191	.032	-037	-1.324	170	285	-149	.032	-026	-1.275
170	164	-295	.045	-179	-460	170	236	-225	.029	-077	-1.345	170	286	-144	.038	.008	-1.280
170	165	-297	.047	-177	-505	170	237	-494	.201	.197	-1.450	170	287	-077	.053	.163	-1.273
170	166	-303	.057	-174	-742	170	238	-480	.230	.308	-1.382	170	288	-120	.082	.234	-1.661
170	167	-304	.055	-184	-628	170	239	-261	.242	.283	-1.206	170	289	-112	.050	.113	-1.364
170	168	-293	.053	-147	-639	170	240	-143	.119	.124	-1.836	170	290	-121	.034	.028	-1.248
170	169	-259	.046	-126	-505	170	241	-138	.121	.122	-1.817	170	291	-141	.031	-013	-1.271
170	170	-245	.034	-149	-377	170	242	-121	.106	.228	-1.824	170	292	-159	.031	-061	-1.289
170	171	-277	.046	-154	-558	170	243	-121	.175	.693	-1.599	170	293	-058	.125	.332	-1.748
170	172	-277	.048	-136	-501	170	244	-159	.056	.055	-1.488	170	294	-008	.080	.330	-1.471
170	173	-283	.047	-166	-467	170	245	-156	.041	.032	-1.369	170	295	-009	.063	.282	-1.175
170	174	-282	.042	-170	-497	170	246	-202	.032	-032	-1.345	170	296	-074	.066	.227	-1.298
170	175	-285	.049	-168	-679	170	247	-231	.028	-113	-1.343	170	297	-052	.053	.275	-1.193

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	298	-.084	.048	.127	-.234	170	443	.039	.129	.640	-.492	170	513	-.320	.095	-.028	-.875
170	299	-.100	.043	.106	-.204	170	444	.024	.129	.482	-.561	170	514	-.335	.103	-.056	-1.059
170	300	-.109	.039	.076	-.250	170	445	.137	.103	.577	-.130	170	515	-.369	.114	-.021	-1.006
170	301	-.096	.042	.172	-.220	170	446	.211	.132	.666	-.125	170	516	-.463	.159	-.012	-1.165
170	302	-.139	.034	-.010	-.280	170	447	.217	.152	.747	-.269	170	517	-.240	.118	.195	-.640
170	303	-.117	.030	.026	-.200	170	448	.216	.199	.976	-.406	170	518	-.527	.142	-.097	-1.073
170	304	-.134	.026	-.024	-.250	170	449	.117	.192	.786	-.420	170	519	-.119	.142	.464	-.652
170	305	-.152	.029	-.038	-.271	170	450	-.175	.170	.283	-.914	170	520	-.349	.102	-.014	-.956
170	401	-.019	.229	.751	-.744	170	451	.035	.130	.554	-.712	170	521	-.196	.083	.144	-.670
170	402	.192	.261	.946	-.881	170	452	.113	.107	.550	-.420	170	522	-.153	.083	.149	-.507
170	403	.304	.287	1.088	-.507	170	453	.190	.142	1.037	-.206	170	523	-.292	.059	-.118	-.569
170	404	-.541	.153	.028	-1.266	170	454	.216	.158	.986	-.211	170	524	-.278	.049	-.090	-.470
170	405	-.285	.259	.909	-.871	170	455	-.019	.182	.510	-1.000	170	525	-.347	.100	-.065	-.954
170	406	-.201	.134	.469	-.910	170	456	.107	.098	.696	-.204	170	526	-.323	.081	-.010	-.769
170	407	-.075	.167	.576	-.766	170	457	.113	.084	.554	-.218	170	527	-.378	.117	.004	-1.078
170	408	.030	.286	1.117	-1.220	170	458	.108	.090	.647	-.169	170	528	-.454	.172	-.042	-1.501
170	409	-.453	.144	.126	-1.087	170	459	.096	.097	.538	-.244	170	529	-.440	.116	-.035	-.977
170	410	-.096	.234	.797	-.757	170	460	.072	.124	.835	-.304	170	530	-.396	.092	-.150	-1.009
170	411	-.547	.132	-.067	-1.183	170	461	.018	.137	.612	-.281	170	531	-.398	.084	-.162	-.776
170	412	.019	.238	.972	-.595	170	462	.063	.115	.594	-.462	170	532	-.090	.143	.609	-.438
170	413	-.276	.095	.091	-.802	170	463	.061	.133	.566	-.425	170	533	-.071	.108	.359	-.505
170	414	-.249	.111	.253	-.672	170	464	.125	.099	.691	-.292	170	534	-.296	.047	-.148	-.484
170	415	-.167	.090	.158	-.760	170	465	.037	.057	.308	-.149	170	535	-.297	.047	-.083	-.518
170	416	.164	.150	.598	-.391	170	466	.034	.054	.290	-.165	170	536	-.380	.097	-.106	-.806
170	417	.304	.182	.865	-.265	170	467	.034	.052	.264	-.146	170	537	-.355	.081	-.104	-.749
170	418	.366	.195	.932	-.384	170	468	.040	.057	.401	-.142	170	538	-.393	.086	-.019	-.730
170	419	.297	.194	.893	-.381	170	469	.038	.062	.306	-.176	170	539	-.440	.098	-.095	-.841
170	420	-.092	.100	.414	-.479	170	470	.020	.060	.399	-.232	170	540	-.450	.090	-.148	-.917
170	421	.061	.135	.630	-.363	170	471	.028	.090	.499	-.186	170	541	-.417	.069	-.215	-.767
170	422	.267	.198	.879	-.442	170	472	-.015	.092	.434	-.410	170	542	-.415	.079	-.146	-.781
170	423	-.122	.119	.328	-.642	170	473	.096	.063	.375	-.113	170	543	.051	.134	.570	-.424
170	424	-.043	.110	.405	-.446	170	474	.111	.070	.394	-.093	170	544	.006	.128	.446	-.663
170	425	.236	.157	.740	-.339	170	475	.150	.094	.825	-.045	170	545	.090	.150	.637	-.599
170	426	.429	.199	1.025	-.195	170	476	.153	.088	.585	-.077	170	546	-.176	.171	.316	-.865
170	427	.432	.210	1.016	-.204	170	477	.147	.093	.626	-.056	170	547	-.299	.054	-.127	-.529
170	428	.310	.205	.877	-.376	170	478	.144	.097	.620	-.106	170	548	-.300	.049	-.150	-.493
170	429	-.079	.084	.257	-.369	170	479	.076	.100	.492	-.261	170	549	-.325	.069	-.138	-.715
170	430	.123	.137	.698	-.309	170	480	-.028	.126	.384	-.574	170	550	-.330	.073	-.129	-.638
170	431	.234	.182	.853	-.353	170	501	-.331	.076	-.116	-.728	170	551	-.350	.085	-.141	-.745
170	432	-.036	.152	.696	-.520	170	502	-.350	.084	-.079	-.857	170	552	-.452	.118	-.172	-1.093
170	433	.015	.142	.756	-.485	170	503	-.400	.087	-.077	-.785	170	553	-.580	.139	-.166	-1.363
170	434	.233	.155	.710	-.216	170	504	-.442	.119	-.090	-.931	170	554	-.596	.134	-.227	-1.190
170	435	.389	.195	.976	-.174	170	505	-.533	.130	-.227	-1.149	170	555	-.592	.130	-.286	-1.340
170	436	.362	.224	.993	-.318	170	506	-.581	.144	-.217	-1.269	170	556	.013	.132	.611	-.447
170	437	.271	.214	.895	-.339	170	507	-.321	.089	-.051	-.811	170	557	.026	.130	.575	-.529
170	438	-.147	.152	.404	-.759	170	508	-.362	.087	-.035	-.776	170	558	-.197	.159	.355	-.756
170	439	.114	.127	.754	-.220	170	509	-.425	.091	-.178	-.917	170	559	-.185	.142	.225	-.815
170	440	.194	.142	.698	-.341	170	510	-.525	.128	-.203	-1.096	170	560	-.283	.044	-.134	-.486
170	441	-.228	.138	.311	-.833	170	511	-.286	.066	-.090	-.617	170	561	-.284	.042	-.154	-.443
170	442	-.101	.132	.420	-.612	170	512	-.281	.057	-.120	-.518	170	562	-.258	.039	-.125	-.427

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	563	-.248	.038	-.125	-.425	170	707	-.079	.167	-.888	-.335	170	940	-.404	.135	.043	-1.076
170	564	-.231	.035	-.122	-.366	170	708	-.154	.036	-.017	-.309	170	941	-.192	.084	.057	-.560
170	565	-.284	.059	-.129	-.536	170	709	-.180	.029	-.061	-.295	170	942	-.412	.138	-.010	-1.043
170	566	-.185	.061	-.041	-.463	170	710	-.263	.041	-.159	-.488	170	943	-.126	.152	.355	-.615
170	567	-.228	.080	-.039	-.668	170	711	-.258	.038	-.153	-.461	170	944	-.078	.116	.352	-.807
170	568	-.582	.205	.023	-1.397	170	712	-.120	.055	-.105	-.286	170	945	-.465	.140	-.025	-1.088
170	569	-.228	.164	1.002	-.222	170	713	-.036	.121	-.703	-.373	170	946	-.287	.076	-.005	-.610
170	570	-.090	.219	.559	-1.215	170	714	-.054	.157	-.752	-.626	170	947	-.283	.052	-.148	-.575
170	571	-.264	.038	-.143	-.406	170	801	-.095	.056	-.390	-.058	170	948	-.258	.066	.033	-.591
170	572	-.264	.040	-.075	-.445	170	802	-.067	.054	-.186	-.253	170	949	-.045	.115	.472	-.568
170	573	-.260	.050	-.134	-.681	170	803	-.124	.044	-.068	-.286	170	950	-.247	.131	.289	-.730
170	574	-.238	.045	-.100	-.447	170	901	-.170	.158	.816	-.478	170	951	-.166	.068	.134	-.483
170	575	-.227	.037	-.079	-.400	170	902	-.500	.136	-.099	-1.427	170	1101	-.032	.159	.579	-.548
170	576	-.243	.045	-.132	-.427	170	903	-.447	.106	-.056	-.908	170	1102	-.049	.170	.742	-.438
170	577	-.252	.044	-.150	-.456	170	904	-.293	.071	-.053	-.704	170	1103	-.034	.188	.669	-.589
170	578	-.240	.036	-.147	-.395	170	905	-.295	.043	-.173	-.478	170	1104	-.278	.169	.351	-.953
170	579	-.220	.029	-.125	-.331	170	906	-.235	.040	-.080	-.435	170	1105	-.279	.077	-.017	-.724
170	580	-.229	.032	-.141	-.370	170	907	-.223	.041	-.097	-.457	170	1106	-.216	.077	.120	-.628
170	581	-.216	.031	-.114	-.339	170	908	-.183	.030	-.025	-.305	170	1107	-.276	.078	-.063	-.816
170	582	-.187	.054	-.016	-.356	170	909	-.255	.050	-.137	-.685	170	1108	-.246	.076	-.043	-.664
170	583	-.232	.032	-.129	-.406	170	910	-.214	.043	-.000	-.413	170	1109	-.228	.062	-.036	-.623
170	584	-.224	.031	-.138	-.347	170	911	-.502	.135	-.016	-1.086	170	1110	-.274	.081	-.054	-.683
170	585	-.229	.029	-.132	-.336	170	912	-.265	.051	-.154	-.603	170	1111	-.251	.082	.038	-.767
170	586	-.234	.032	-.143	-.345	170	913	-.125	.166	.849	-.418	170	1112	-.155	.107	.344	-.530
170	601	-.177	.038	-.045	-.327	170	914	-.487	.138	-.142	-1.187	170	1113	-.276	.091	-.001	-.731
170	602	-.217	.044	-.080	-.432	170	915	-.316	.081	-.004	-.687	170	1201	-.027	.118	.477	-.434
170	603	-.204	.041	-.075	-.393	170	916	-.312	.077	-.053	-.654	170	1202	-.126	.170	.996	-.420
170	604	-.216	.052	-.066	-.565	170	917	-.291	.063	-.073	-.656	170	1203	-.199	.121	.316	-.710
170	605	-.216	.047	-.007	-.418	170	918	-.300	.056	-.195	-.841	170	1204	-.332	.086	-.123	-.644
170	606	-.225	.043	-.066	-.466	170	919	-.303	.061	-.169	-.728	170	1205	-.280	.058	-.088	-.715
170	607	-.220	.040	-.086	-.468	170	920	-.277	.045	-.176	-.505	170	1206	-.254	.045	-.100	-.525
170	608	-.179	.037	-.065	-.356	170	921	-.295	.068	-.142	-.831	170	1207	-.239	.039	-.125	-.431
170	609	-.187	.037	-.086	-.349	170	922	-.227	.046	-.104	-.459	170	1208	-.247	.054	-.079	-.527
170	610	-.219	.045	-.107	-.383	170	923	-.094	.156	-.689	-.510	170	1209	-.294	.075	-.061	-.656
170	611	-.225	.049	-.088	-.443	170	924	-.270	.135	-.139	-1.232	170	1210	-.382	.107	-.020	-.932
170	612	-.158	.034	-.026	-.285	170	925	-.255	.058	-.092	-.589	170	1211	-.338	.144	.124	-.854
170	613	-.147	.030	-.036	-.269	170	926	-.325	.130	-.062	-1.129	170	1301	-.090	.150	.776	-.447
170	614	-.156	.031	-.043	-.280	170	927	-.373	.115	-.223	-.966	170	1302	-.131	.105	.591	-.152
170	615	-.204	.041	-.065	-.410	170	928	-.584	.134	-.248	-1.074	170	1303	-.031	.165	.511	-1.179
170	616	-.220	.047	-.109	-.400	170	929	-.261	.089	-.129	-.637	170	1304	-.267	.064	-.075	-.541
170	617	-.240	.052	-.111	-.488	170	930	-.255	.050	-.094	-.462	170	1305	-.148	.157	.785	-.509
170	618	-.174	.048	-.035	-.441	170	931	-.332	.066	-.125	-.610	170	1306	-.234	.058	-.006	-.532
170	619	-.091	.050	-.184	-.260	170	932	-.288	.047	-.164	-.524	170	1307	-.280	.060	-.109	-.518
170	620	-.086	.047	-.137	-.217	170	933	-.293	.054	-.159	-.656	170	1308	-.135	.060	-.099	-.411
170	621	-.103	.043	-.106	-.222	170	934	-.209	.040	-.034	-.404	170	1309	-.229	.069	.050	-.564
170	701	-.189	.033	-.068	-.371	170	935	-.321	.097	-.056	-.951	170	1310	-.382	.101	-.113	-.893
170	702	-.265	.045	-.135	-.523	170	936	-.176	.043	-.052	-.361	170	1311	-.193	.075	.136	-.557
170	703	-.261	.050	-.149	-.598	170	937	-.188	.100	-.158	-.663	170	1312	-.459	.142	.028	-1.220
170	704	-.286	.054	-.124	-.623	170	938	-.187	.060	-.009	-.493	170	1313	-.330	.119	.083	-.932
170	705	-.176	.054	.071	-.422	170	939	-.204	.047	-.038	-.493	170	1314	-.020	.130	.561	-.664

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	101	- .304	.068	- .096	- .604	180	151	- .256	.032	- .152	- .400	180	223	- .212	.063	- .003	- .701
180	102	- .330	.065	- .117	- .593	180	152	- .249	.035	- .143	- .409	180	224	- .218	.052	- .048	- .594
180	103	- .322	.076	- .135	- .867	180	153	- .241	.037	- .122	- .374	180	225	- .232	.043	- .081	- .521
180	104	- .353	.062	- .119	- .591	180	154	- .255	.037	- .148	- .409	180	226	- .737	.240	- .067	- 2.090
180	105	- .328	.059	- .117	- .588	180	155	- .249	.035	- .145	- .423	180	227	- .761	.244	- .074	- 2.252
180	106	- .322	.073	- .100	- .700	180	156	- .249	.034	- .117	- .431	180	228	- .602	.215	- .130	- 1.355
180	107	- .334	.068	- .082	- .749	180	157	- .260	.038	- .145	- .445	180	229	- .371	.154	- .004	- 1.043
180	108	- .305	.058	- .149	- .546	180	158	- .262	.042	- .141	- .433	180	230	- .331	.154	- .027	- 1.107
180	109	- .291	.051	- .131	- .495	180	159	- .221	.034	- .105	- .369	180	231	- .278	.157	- .336	- .929
180	110	- .306	.064	- .124	- .635	180	160	- .221	.032	- .122	- .355	180	232	- .043	.258	- .935	- .900
180	111	- .255	.042	- .120	- .443	180	161	- .215	.030	- .119	- .332	180	233	- .223	.084	- .069	- .786
180	112	- .263	.044	- .112	- .446	180	162	- .267	.038	- .162	- .426	180	234	- .194	.055	- .013	- .526
180	113	- .262	.042	- .128	- .453	180	163	- .267	.038	- .167	- .454	180	235	- .220	.043	- .004	- .519
180	114	- .269	.043	- .119	- .509	180	164	- .273	.039	- .167	- .553	180	236	- .240	.038	- .102	- .435
180	115	- .274	.051	- .086	- .469	180	165	- .279	.039	- .178	- .473	180	237	- .620	.165	- .111	- 2.064
180	116	- .277	.036	- .105	- .626	180	166	- .275	.038	- .183	- .497	180	238	- .614	.177	- .079	- 1.540
180	117	- .291	.064	- .091	- .572	180	167	- .278	.035	- .181	- .461	180	239	- .608	.196	- .041	- 1.308
180	118	- .282	.058	- .107	- .539	180	168	- .271	.039	- .145	- .442	180	240	- .465	.210	- .079	- 1.192
180	119	- .291	.064	- .072	- .609	180	169	- .247	.038	- .141	- .461	180	241	- .428	.220	- .020	- 1.225
180	120	- .258	.038	- .133	- .415	180	170	- .222	.030	- .124	- .329	180	242	- .325	.177	- .436	- 1.066
180	121	- .264	.040	- .114	- .532	180	171	- .249	.040	- .144	- .509	180	243	- .210	.227	- .467	- .988
180	122	- .268	.041	- .142	- .507	180	172	- .248	.040	- .132	- .442	180	244	- .241	.115	- .107	- .768
180	123	- .264	.038	- .133	- .436	180	173	- .256	.038	- .135	- .426	180	245	- .203	.074	- .058	- .678
180	124	- .267	.039	- .142	- .486	180	174	- .263	.036	- .155	- .417	180	246	- .227	.055	- .013	- .548
180	125	- .285	.050	- .075	- .516	180	175	- .266	.038	- .174	- .468	180	247	- .248	.044	- .098	- .534
180	126	- .293	.058	- .110	- .542	180	176	- .265	.039	- .158	- .435	180	248	- .508	.167	- .001	- 1.873
180	127	- .281	.053	- .089	- .502	180	177	- .239	.033	- .132	- .380	180	249	- .508	.172	- .006	- 1.539
180	128	- .297	.063	- .110	- .691	180	178	- .221	.036	- .045	- .442	180	250	- .503	.191	- .010	- 1.416
180	129	- .267	.043	- .149	- .654	180	201	- .718	.196	- .006	- 1.395	180	251	- .422	.192	- .178	- 1.192
180	130	- .266	.040	- .117	- .467	180	202	- .648	.235	- .060	- 1.465	180	252	- .380	.202	- .131	- 1.298
180	131	- .262	.037	- .159	- .425	180	203	- .431	.130	- .163	- 1.099	180	253	- .282	.165	- .209	- .976
180	132	- .261	.034	- .149	- .411	180	204	- .255	.069	- .015	- .833	180	254	- .277	.165	- .228	- .898
180	133	- .273	.038	- .149	- .537	180	205	- .244	.056	- .041	- .576	180	255	- .279	.119	- .067	- .801
180	134	- .300	.050	- .098	- .712	180	206	- .268	.059	- .038	- .514	180	256	- .232	.091	- .086	- .673
180	135	- .316	.059	- .112	- .563	180	207	- .414	.168	- .118	- 1.755	180	257	- .233	.068	- .030	- .581
180	136	- .302	.050	- .133	- .523	180	208	- .376	.151	- .018	- 1.242	180	258	- .246	.057	- .063	- .664
180	137	- .317	.060	- .126	- .600	180	209	- .306	.113	- .041	- 1.046	180	259	- .428	.190	- .124	- 1.168
180	138	- .261	.062	- .098	- .735	180	210	- .326	.075	- .053	- .692	180	260	- .376	.181	- .131	- 1.215
180	139	- .253	.053	- .075	- .906	180	211	- .341	.052	- .170	- .559	180	261	- .276	.120	- .074	- .787
180	140	- .262	.041	- .140	- .509	180	212	- .350	.064	- .107	- .643	180	262	- .461	.146	- .009	- 1.348
180	141	- .264	.039	- .152	- .493	180	213	- .311	.066	- .065	- .577	180	263	- .477	.154	- .094	- 1.270
180	142	- .269	.036	- .166	- .415	180	214	- .310	.062	- .109	- .622	180	264	- .495	.181	- .174	- 1.556
180	143	- .284	.052	- .121	- .607	180	215	- .787	.263	- .034	- 2.006	180	265	- .395	.183	- .091	- 1.414
180	144	- .296	.065	- .131	- .700	180	216	- .656	.204	- .039	- 1.640	180	266	- .306	.152	- .074	- 1.028
180	145	- .335	.062	- .168	- .661	180	217	- .544	.209	- .001	- 1.242	180	267	- .223	.108	- .048	- .860
180	146	- .325	.060	- .149	- .579	180	218	- .414	.167	- .048	- 1.296	180	268	- .205	.081	- .091	- .647
180	147	- .235	.041	- .098	- .581	180	219	- .361	.139	- .008	- 1.132	180	269	- .206	.034	- .011	- .555
180	148	- .235	.036	- .103	- .467	180	220	- .272	.156	- .294	- .898	180	270	- .223	.040	- .068	- .432
180	149	- .244	.036	- .136	- .409	180	221	- .091	.210	- .617	- .919	180	271	- .466	.181	- .039	- 1.478
180	150	- .251	.033	- .155	- .400	180	222	- .270	.087	- .004	- 1.123	180	272	- .481	.202	- .124	- 1.741

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	273	- .439	.217	.176	-1 .589	180	418	.354	.188	.896	- .266	180	468	.080	.074	.506	- .096
180	274	- .265	.155	.174	- .946	180	419	.173	.173	.724	- .678	180	469	.068	.074	.379	- .122
180	275	- .171	.086	.202	- .586	180	420	.019	.111	.390	- .494	180	470	.030	.062	.325	- .152
180	276	- .149	.030	.070	- .453	180	421	.142	.135	.625	- .334	180	471	- .040	.066	.235	- .288
180	277	- .161	.039	.025	- .359	180	422	.240	.163	.800	- .464	180	472	- .139	.085	.185	- .627
180	278	- .200	.033	- .049	- .354	180	423	.135	.151	.708	- .372	180	473	.156	.083	.543	- .073
180	279	- .234	.033	- .129	- .373	180	424	.095	.127	.550	- .393	180	474	.164	.092	.584	- .059
180	280	- .250	.104	.171	- .808	180	425	.400	.159	.966	- .087	180	475	.211	.094	.694	- .006
180	281	- .172	.043	.051	- .401	180	426	.463	.185	.994	- .131	180	476	.229	.111	.860	- .052
180	282	- .165	.040	.051	- .373	180	427	.366	.190	.994	- .204	180	477	.246	.118	.800	- .034
180	283	- .181	.031	- .042	- .292	180	428	.139	.177	.877	- .474	180	478	.180	.099	.761	- .082
180	284	- .174	.033	- .027	- .350	180	429	.001	.103	.360	- .472	180	479	.064	.087	.462	- .265
180	285	- .189	.030	- .066	- .392	180	430	.223	.133	.628	- .312	180	480	- .258	.159	.258	-1 .009
180	286	- .184	.031	- .061	- .360	180	431	.374	.167	.863	- .213	180	501	- .323	.087	.016	- .838
180	287	- .135	.037	- .086	- .309	180	432	.247	.155	.971	- .406	180	502	- .327	.094	- .025	- .752
180	288	- .172	.051	- .020	- .486	180	433	.243	.152	.771	- .472	180	503	- .387	.095	.009	- .868
180	289	- .157	.035	- .017	- .341	180	434	.423	.175	1.128	- .089	180	504	- .433	.093	- .190	-1 .088
180	290	- .155	.027	- .020	- .256	180	435	.403	.180	.980	- .108	180	505	- .623	.171	- .237	-1 .284
180	291	- .156	.025	- .054	- .270	180	436	.296	.178	1.001	- .282	180	506	- .866	.221	- .220	-1 .653
180	292	- .162	.026	- .066	- .284	180	437	.074	.163	.776	- .446	180	507	- .313	.076	- .102	- .697
180	293	- .289	.156	.084	-1 .085	180	438	.116	.148	.555	- .615	180	508	- .372	.095	- .023	- .768
180	294	- .065	.080	.299	- .605	180	439	.332	.155	.853	- .162	180	509	- .477	.107	- .190	- .965
180	295	- .092	.047	.139	- .243	180	440	.380	.163	.940	- .185	180	510	- .682	.168	- .268	-1 .317
180	296	- .173	.057	.054	- .497	180	441	.126	.113	.322	- .636	180	511	- .282	.070	- .118	- .643
180	297	- .130	.036	- .049	- .270	180	442	.054	.111	.536	- .303	180	512	- .277	.059	- .051	- .528
180	298	- .158	.033	- .013	- .307	180	443	.266	.155	.870	- .237	180	513	- .319	.107	- .046	- .859
180	299	- .157	.030	- .027	- .270	180	444	.243	.158	.748	- .434	180	514	- .330	.110	- .009	-1 .116
180	300	- .155	.026	.008	- .279	180	445	.336	.139	.917	- .058	180	515	- .378	.130	- .042	-1 .046
180	301	- .134	.030	.090	- .229	180	446	.343	.142	1.013	- .016	180	516	- .520	.210	- .012	-1 .481
180	302	- .177	.032	- .059	- .394	180	447	.287	.137	.790	- .082	180	517	- .223	.162	- .361	- .752
180	303	- .147	.024	- .020	- .256	180	448	.136	.130	.654	- .230	180	518	- .643	.192	- .127	-1 .356
180	304	- .149	.024	- .029	- .254	180	449	.025	.121	.447	- .474	180	519	- .018	.208	.657	- .593
180	305	- .159	.024	- .068	- .254	180	450	.014	.142	.475	- .975	180	520	- .429	.150	- .100	-1 .155
180	401	- .271	.256	1.005	- .716	180	451	.269	.168	.896	- .498	180	521	- .118	.098	.289	- .470
180	402	- .263	.266	1.080	- .671	180	452	.320	.153	.858	- .246	180	522	- .117	.097	.185	- .544
180	403	- .252	.269	1.082	- .600	180	453	.292	.146	.938	- .242	180	523	- .285	.059	- .009	- .516
180	404	- .568	.161	.019	-1 .232	180	454	.343	.154	.999	- .190	180	524	- .268	.053	- .079	- .498
180	405	- .191	.329	1.092	- .904	180	455	.184	.138	.672	- .300	180	525	- .337	.117	- .093	-1 .021
180	406	- .158	.259	.788	-1 .030	180	456	.245	.129	.773	- .056	180	526	- .338	.106	- .118	- .781
180	407	- .120	.190	.740	- .582	180	457	.233	.125	.729	- .033	180	527	- .385	.129	- .116	-1 .268
180	408	- .387	.149	.373	- .954	180	458	.222	.120	.769	- .077	180	528	- .495	.181	- .044	-1 .539
180	409	- .484	.171	.185	-1 .139	180	459	.169	.112	.743	- .119	180	529	- .508	.127	- .146	-1 .139
180	410	- .080	.280	.877	- .807	180	460	.060	.097	.489	- .291	180	530	- .454	.112	- .127	-1 .016
180	411	- .602	.172	- .039	-1 .472	180	461	.095	.087	.271	- .517	180	531	- .440	.102	- .113	- .942
180	412	- .272	.299	.993	- .867	180	462	.184	.142	.743	- .390	180	532	- .240	.147	.789	- .213
180	413	- .398	.128	- .013	- .963	180	463	.185	.145	.792	- .404	180	533	- .110	.130	.604	- .319
180	414	- .132	.168	.559	- .633	180	464	.268	.138	.893	- .291	180	534	- .305	.053	- .155	- .530
180	415	- .141	.100	.253	- .522	180	465	.073	.069	.560	- .094	180	535	- .284	.048	- .134	- .535
180	416	- .297	.157	.821	- .249	180	466	.063	.066	.423	- .122	180	536	- .384	.108	- .072	- .970
180	417	- .361	.181	.917	- .209	180	467	.087	.073	.442	- .108	180	537	- .362	.092	- .020	- .845

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	538	- .419	.098	- .037	- .815	180	602	- .182	.030	- .013	- .343	180	915	- .331	.086	- .019	- .755
180	539	- .500	.116	- .063	- 1.074	180	603	- .186	.031	- .080	- .334	180	916	- .307	.073	- .029	- .614
180	540	- .492	.092	- .133	- .972	180	604	- .203	.036	- .080	- .414	180	917	- .295	.066	- .050	- .597
180	541	- .461	.075	- .234	- 1.176	180	605	- .211	.035	- .083	- .373	180	918	- .284	.041	- .175	- .655
180	542	- .450	.084	- .215	- .886	180	606	- .190	.029	- .096	- .297	180	919	- .282	.043	- .175	- .815
180	543	- .302	.151	- .873	- .190	180	607	- .191	.030	- .062	- .301	180	920	- .268	.035	- .163	- .463
180	544	- .267	.155	- .757	- .414	180	608	- .168	.025	- .066	- .282	180	921	- .285	.047	- .170	- .537
180	545	- .237	.147	- .812	- .465	180	609	- .174	.026	- .082	- .294	180	922	- .246	.046	- .103	- .530
180	546	- .155	.148	- .683	- .418	180	610	- .192	.026	- .105	- .287	180	923	- .267	.151	- .784	- .247
180	547	- .292	.063	- .119	- .647	180	611	- .202	.030	- .087	- .354	180	924	- .539	.291	- .050	- 1.644
180	548	- .285	.051	- .099	- .544	180	612	- .167	.024	- .082	- .259	180	925	- .269	.053	- .130	- .770
180	549	- .306	.060	- .092	- .636	180	613	- .146	.022	- .068	- .227	180	926	- .470	.183	- .067	- 1.525
180	550	- .310	.068	- .087	- .588	180	614	- .150	.024	- .062	- .239	180	927	- .503	.155	- .352	- 1.309
180	551	- .347	.085	- .110	- .812	180	615	- .175	.025	- .096	- .302	180	928	- .688	.140	- .273	- 1.179
180	552	- .504	.117	- .167	- .994	180	616	- .180	.025	- .088	- .289	180	929	- .364	.101	- .003	- .935
180	553	- .670	.140	- .272	- 1.326	180	617	- .196	.028	- .113	- .321	180	930	- .248	.053	- .048	- .568
180	554	- .682	.133	- .288	- 1.404	180	618	- .184	.028	- .010	- .311	180	931	- .328	.066	- .106	- .638
180	555	- .659	.121	- .284	- 1.154	180	619	- .141	.026	- .016	- .252	180	932	- .276	.037	- .187	- .441
180	556	- .238	.135	- .729	- .213	180	620	- .125	.028	- .018	- .207	180	933	- .271	.041	- .151	- .501
180	557	- .226	.157	- .752	- .288	180	621	- .125	.030	- .026	- .223	180	934	- .224	.037	- .103	- .400
180	558	- .022	.114	- .407	- .519	180	701	- .186	.030	- .072	- .326	180	935	- .309	.080	- .101	- .690
180	559	- .043	.127	- .332	- .725	180	702	- .251	.034	- .167	- .421	180	936	- .208	.042	- .065	- .398
180	560	- .241	.034	- .130	- .425	180	703	- .239	.036	- .141	- .409	180	937	- .287	.116	- .280	- 1.232
180	561	- .241	.033	- .133	- .382	180	704	- .268	.045	- .117	- .489	180	938	- .216	.069	- .019	- .530
180	562	- .224	.032	- .130	- .359	180	705	- .209	.047	- .030	- .395	180	939	- .225	.046	- .077	- .434
180	563	- .218	.030	- .112	- .327	180	707	- .011	.113	- .558	- .259	180	940	- .399	.107	- .041	- .937
180	564	- .211	.034	- .108	- .368	180	708	- .164	.028	- .070	- .294	180	941	- .176	.075	- .172	- .444
180	565	- .274	.058	- .112	- .528	180	709	- .185	.027	- .082	- .345	180	942	- .426	.104	- .070	- .933
180	566	- .130	.060	- .164	- .380	180	710	- .244	.031	- .158	- .398	180	943	- .375	.148	- .268	- 1.390
180	567	- .216	.092	- .059	- .583	180	711	- .248	.035	- .142	- .398	180	944	- .267	.190	- .297	- 1.086
180	568	- .621	.198	- .059	- 1.333	180	712	- .160	.040	- .029	- .326	180	945	- .344	.130	- .101	- .940
180	569	- .340	.161	- .017	- .133	180	713	- .004	.090	- .460	- .278	180	946	- .233	.078	- .026	- .559
180	570	- .142	.133	- .610	- .384	180	714	- .031	.108	- .561	- .446	180	947	- .255	.041	- .125	- .420
180	571	- .228	.031	- .108	- .373	180	801	- .143	.075	- .469	- .029	180	948	- .232	.045	- .069	- .472
180	572	- .221	.029	- .110	- .366	180	802	- .103	.047	- .099	- .266	180	949	- .026	.096	- .469	- .392
180	573	- .235	.038	- .092	- .457	180	803	- .168	.036	- .020	- .348	180	950	- .349	.122	- .172	- .837
180	574	- .220	.034	- .108	- .398	180	901	- .311	.161	- .971	- .247	180	951	- .192	.052	- .078	- .516
180	575	- .208	.027	- .094	- .325	180	902	- .546	.119	- .194	- 1.261	180	1101	- .124	.116	- .530	- .489
180	576	- .215	.027	- .126	- .336	180	903	- .526	.129	- .106	- 1.062	180	1102	- .116	.135	- .592	- .441
180	577	- .227	.032	- .133	- .355	180	904	- .307	.075	- .012	- .640	180	1103	- .101	.147	- .636	- .522
180	578	- .214	.026	- .117	- .336	180	905	- .272	.039	- .122	- .451	180	1104	- .204	.134	- .258	- .952
180	579	- .204	.027	- .124	- .304	180	906	- .241	.037	- .130	- .470	180	1105	- .233	.059	- .052	- .559
180	580	- .203	.028	- .119	- .322	180	907	- .234	.039	- .130	- .503	180	1106	- .156	.067	- .171	- .425
180	581	- .200	.032	- .098	- .346	180	908	- .189	.028	- .074	- .297	180	1107	- .238	.057	- .045	- .588
180	582	- .126	.056	- .039	- .328	180	909	- .261	.036	- .161	- .482	180	1108	- .216	.065	- .029	- .657
180	583	- .211	.025	- .126	- .302	180	910	- .239	.038	- .130	- .468	180	1109	- .191	.050	- .041	- .455
180	584	- .203	.025	- .124	- .318	180	911	- .544	.123	- .074	- 1.086	180	1110	- .224	.074	- .034	- .699
180	585	- .207	.027	- .115	- .318	180	912	- .265	.045	- .146	- .585	180	1111	- .223	.067	- .014	- 1.152
180	586	- .214	.028	- .128	- .318	180	913	- .267	.164	- .928	- .271	180	1112	- .188	.081	- .210	- .457
180	601	- .175	.032	- .048	- .325	180	914	- .612	.142	- .154	- 1.124	180	1113	- .219	.066	- .049	- .529

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	1201	.049	.115	.665	-.299	190	126	-.310	.077	-.086	-.672	190	176	-.254	.038	-.150	-.437
180	1202	.266	.164	.845	-.250	190	127	-.300	.071	-.077	-.609	190	177	-.229	.033	-.125	-.376
180	1203	-.091	.112	.403	-.568	190	128	-.310	.072	-.110	-.660	190	178	-.224	.036	-.059	-.469
180	1204	-.328	.062	-.112	-.593	190	129	-.293	.072	-.105	-.961	190	201	-.795	.181	-.209	-1.738
180	1205	.284	.069	-.085	-.662	190	130	-.286	.066	-.091	-.611	190	202	-.822	.192	-.222	-1.525
180	1206	-.222	.038	-.091	-.414	190	131	-.272	.053	-.107	-.567	190	203	-.722	.182	-.217	-1.348
180	1207	.217	.040	-.059	-.374	190	132	-.267	.043	-.154	-.457	190	204	-.369	.117	-.022	-.964
180	1208	.227	.055	-.043	-.487	190	133	-.276	.045	-.140	-.499	190	205	-.327	.101	-.037	-.904
180	1209	-.299	.088	-.075	-.746	190	134	-.306	.061	-.103	-.558	190	206	-.326	.092	-.011	-.959
180	1210	-.337	.099	-.108	-.832	190	135	-.318	.072	-.077	-.639	190	207	-.719	.213	-.114	-1.711
180	1211	.394	.146	.129	-.931	190	136	-.301	.063	-.075	-.677	190	208	-.664	.198	-.168	-1.480
180	1301	.209	.142	.778	-.322	190	137	-.315	.070	-.117	-.649	190	209	-.587	.175	-.175	-1.400
180	1302	.264	.139	.820	-.167	190	138	-.285	.079	-.016	-.928	190	210	-.403	.096	-.114	-.858
180	1303	.153	.143	.613	-.598	190	139	-.276	.069	-.054	-.595	190	211	-.396	.075	-.161	-.743
180	1304	-.232	.066	.005	-.556	190	140	-.267	.054	-.100	-.588	190	212	-.372	.078	-.083	-.830
180	1305	-.258	.162	.693	-.460	190	141	-.261	.040	-.147	-.415	190	213	-.347	.085	-.045	-.745
180	1306	-.193	.052	-.007	-.420	190	142	-.261	.044	-.128	-.474	190	214	-.331	.079	-.074	-.747
180	1307	-.249	.061	-.064	-.536	190	143	-.284	.057	-.145	-.788	190	215	-.575	.157	-.206	-1.527
180	1308	-.076	.066	.219	-.294	190	144	-.306	.073	-.084	-.795	190	216	-.601	.169	-.158	-1.362
180	1309	-.205	.069	.008	-.617	190	145	-.331	.065	-.156	-.656	190	217	-.625	.159	-.217	-1.452
180	1310	-.392	.106	-.114	-1.051	190	146	-.333	.064	-.133	-.607	190	218	-.605	.124	-.149	-1.447
180	1311	-.112	.074	.169	-.480	190	147	-.232	.045	-.091	-.439	190	219	-.605	.124	-.173	-1.179
180	1312	-.438	.124	.120	-.947	190	148	-.235	.041	-.126	-.471	190	220	-.573	.144	-.084	-1.534
180	1313	-.316	.133	.081	-.901	190	149	-.236	.039	-.122	-.449	190	221	-.447	.148	-.204	-1.096
180	1314	-.091	.133	.546	-.552	190	150	-.245	.035	-.153	-.459	190	222	-.482	.186	.138	-1.492
190	101	-.309	.071	-.113	-.629	190	151	-.245	.034	-.136	-.400	190	223	-.376	.152	.094	-1.037
190	102	-.317	.071	-.112	-.674	190	152	-.239	.036	-.129	-.395	190	224	-.306	.114	.091	-1.040
190	103	-.310	.071	-.104	-.762	190	153	-.235	.039	-.089	-.398	190	225	-.302	.098	-.017	-.919
190	104	-.372	.078	-.110	-.835	190	154	-.259	.039	-.155	-.456	190	226	-.588	.126	-.260	-1.237
190	105	-.353	.077	-.107	-.667	190	155	-.256	.037	-.148	-.416	190	227	-.590	.126	-.227	-1.275
190	106	-.331	.087	-.093	-.830	190	156	-.245	.037	-.110	-.407	190	228	-.615	.138	-.241	-1.424
190	107	-.320	.074	-.093	-.686	190	157	-.268	.044	-.136	-.487	190	229	-.619	.131	-.130	-1.070
190	108	-.301	.066	-.128	-.644	190	158	-.266	.043	-.098	-.421	190	230	-.623	.128	-.191	-1.153
190	109	-.311	.067	-.075	-.695	190	159	-.212	.034	-.096	-.346	190	231	-.548	.126	-.112	-1.183
190	110	-.323	.079	-.084	-.798	190	160	-.214	.034	-.098	-.374	190	232	-.519	.146	-.275	-1.136
190	111	-.279	.068	-.056	-.628	190	161	-.210	.035	-.096	-.341	190	233	-.435	.137	.084	-1.084
190	112	-.279	.066	-.072	-.639	190	162	-.251	.039	-.103	-.419	190	234	-.333	.122	.112	-.950
190	113	-.273	.060	-.103	-.609	190	163	-.254	.038	-.138	-.407	190	235	-.300	.101	.150	-.787
190	114	-.274	.051	-.131	-.509	190	164	-.264	.040	-.148	-.454	190	236	-.288	.089	.035	-.830
190	115	-.286	.062	-.100	-.628	190	165	-.270	.039	-.174	-.456	190	237	-.550	.110	-.154	-1.087
190	116	-.288	.069	-.063	-.574	190	166	-.268	.041	-.164	-.461	190	238	-.550	.117	-.206	-1.157
190	117	-.298	.076	-.075	-.663	190	167	-.264	.035	-.157	-.433	190	239	-.579	.122	-.175	-1.207
190	118	-.296	.068	-.091	-.733	190	168	-.267	.043	-.162	-.485	190	240	-.617	.143	-.146	-1.288
190	119	-.309	.071	-.028	-.609	190	169	-.260	.046	-.047	-.541	190	241	-.605	.137	-.144	-1.228
190	120	-.285	.065	-.096	-.721	190	170	-.208	.034	-.096	-.350	190	242	-.496	.106	-.020	-.948
190	121	-.278	.066	-.112	-.868	190	171	-.232	.039	-.116	-.421	190	243	-.536	.148	.153	-1.088
190	122	-.272	.054	-.128	-.637	190	172	-.236	.041	-.123	-.449	190	244	-.466	.144	.103	-1.009
190	123	-.274	.048	-.140	-.534	190	173	-.239	.036	-.139	-.424	190	245	-.361	.125	.053	-.788
190	124	-.272	.046	-.119	-.448	190	174	-.251	.037	-.146	-.451	190	246	-.315	.116	.229	-1.048
190	125	-.291	.059	-.082	-.534	190	175	-.250	.038	-.141	-.435	190	247	-.315	.113	.023	-.867



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	248	-544	106	-260	-1.083	190	298	-182	036	-027	-337	190	443	316	137	860	-049
190	249	-562	116	-270	-1.185	190	299	-171	030	-034	-305	190	444	298	130	827	-084
190	250	-562	137	-106	-1.528	190	300	-173	028	-039	-273	190	445	426	138	954	055
190	251	-599	147	-044	-1.254	190	301	-145	030	-007	-251	190	446	408	162	998	-007
190	252	-578	159	-039	-1.399	190	302	-187	031	-091	-335	190	447	353	145	825	-014
190	253	-533	148	068	-1.288	190	303	-154	025	-057	-251	190	448	215	128	691	-267
190	254	-546	188	184	-1.376	190	304	-156	025	-059	-264	190	449	-014	106	400	-335
190	255	-467	154	096	-1.086	190	305	-159	026	-050	-246	190	450	031	137	651	-826
190	256	-354	135	068	-0.850	190	401	429	178	985	-633	190	451	342	151	890	-490
190	257	-323	127	063	-0.929	190	402	383	224	992	-697	190	452	394	146	883	-333
190	258	-332	130	113	-0.912	190	403	219	212	954	-694	190	453	342	135	930	-007
190	259	-591	145	-127	-1.273	190	404	-580	177	041	-1.139	190	454	394	157	1.067	005
190	260	-553	155	-063	-1.276	190	405	378	183	1.023	-749	190	455	197	150	794	-267
190	261	-458	155	182	-1.121	190	406	015	300	945	-945	190	456	272	127	721	-028
190	262	-627	161	-263	-1.728	190	407	-106	170	551	-747	190	457	241	113	757	-037
190	263	-646	167	-253	-1.735	190	408	-537	121	023	-1.011	190	458	234	116	717	-075
190	264	-676	187	-061	-1.768	190	409	-478	192	210	-1.196	190	459	174	119	747	-110
190	265	-619	200	025	-1.516	190	410	-086	306	972	-910	190	460	-064	115	552	-262
190	266	-448	185	061	-1.285	190	411	-626	179	-080	-1.478	190	461	-141	108	266	-511
190	267	-292	144	063	-1.074	190	412	181	353	1.110	-760	190	462	185	149	689	-462
190	268	-234	107	058	-0.929	190	413	-552	120	-056	-1.007	190	463	175	146	691	-403
190	269	-226	075	025	-0.636	190	414	-054	168	544	-732	190	464	238	140	853	-331
190	270	-225	049	030	-0.520	190	415	-103	124	391	-496	190	465	048	056	353	-131
190	271	-666	210	-180	-2.177	190	416	-316	152	806	-160	190	466	052	060	348	-129
190	272	-670	222	-094	-1.851	190	417	-320	154	761	-129	190	467	075	066	364	-110
190	273	-522	261	141	-1.383	190	418	-245	144	761	-183	190	468	074	072	461	-105
190	274	-304	189	134	-1.178	190	419	081	133	556	-353	190	469	050	065	348	-136
190	275	-201	098	101	-0.774	190	420	011	104	476	-388	190	470	023	069	327	-192
190	276	-172	057	051	-0.498	190	421	-160	118	648	-256	190	471	-077	075	273	-333
190	277	-180	042	027	-0.441	190	422	-236	135	768	-157	190	472	-197	094	239	-587
190	278	-208	036	-044	-0.365	190	423	-248	142	721	-242	190	473	150	084	620	-061
190	279	-233	036	-096	-0.417	190	424	-182	124	665	-263	190	474	172	089	551	-030
190	280	-296	104	027	-0.829	190	425	-461	149	989	-043	190	475	203	093	683	-000
190	281	-202	044	030	-0.444	190	426	-488	167	1.041	-022	190	476	233	104	786	-048
190	282	-183	039	053	-0.356	190	427	-343	151	883	-150	190	477	235	116	793	-041
190	283	-188	031	-051	-0.308	190	428	-082	132	517	-302	190	478	167	100	604	-116
190	284	-176	036	-018	-0.328	190	429	-049	092	458	-295	190	479	-050	111	522	-360
190	285	-202	030	-091	-0.369	190	430	-277	127	689	-108	190	480	-346	186	157	-1.237
190	286	-194	030	050	-0.353	190	431	-436	149	956	-001	190	501	-298	091	-006	-0.824
190	287	-151	039	016	-0.344	190	432	-341	138	879	-091	190	502	-296	107	090	-1.101
190	288	-194	053	-027	-0.522	190	433	-358	140	893	-131	190	503	-397	143	157	-0.966
190	289	-177	038	034	-0.387	190	434	-510	155	1.017	-019	190	504	-560	099	-261	-0.968
190	290	-164	027	064	-0.355	190	435	-453	163	1.050	-035	190	505	-702	190	-260	-1.496
190	291	-157	027	059	-0.262	190	436	-299	147	860	-147	190	506	-973	197	-245	-1.664
190	292	-162	028	066	-0.287	190	437	-072	113	433	-345	190	507	-332	098	051	-0.943
190	293	-337	170	125	-1.164	190	438	-247	130	686	-246	190	508	-411	110	-035	-0.966
190	294	-097	095	287	-0.674	190	439	-434	151	933	-036	190	509	-568	134	-206	-1.175
190	295	-127	051	084	-0.282	190	440	-471	151	951	-071	190	510	-753	160	-337	-1.317
190	296	-215	064	041	-0.519	190	441	-101	113	256	-514	190	511	-289	079	-016	-0.702
190	297	-161	036	002	-0.298	190	442	-107	118	616	-302	190	512	-283	069	-055	-0.656

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	513	-.308	.098	.035	-.915	190	563	-.210	.031	-.091	-.362	190	707	-.003	.123	-.786	-.327
190	514	-.323	.102	.021	-.056	190	564	-.203	.034	-.091	-.335	190	708	-.177	.028	-.075	-.293
190	515	-.374	.127	.010	-.1228	190	565	-.266	.035	-.111	-.483	190	709	-.196	.026	-.110	-.317
190	516	-.361	.219	-.011	-.1462	190	566	-.123	.036	-.120	-.340	190	710	-.243	.035	-.149	-.444
190	517	-.215	.178	-.494	-.810	190	567	-.224	.100	.068	-.752	190	711	-.247	.039	-.142	-.426
190	518	-.744	.225	-.126	-.1522	190	568	-.640	.184	.095	-.1360	190	712	-.186	.039	-.026	-.372
190	519	-.051	.254	-.756	-.725	190	569	-.404	.151	1.104	-.036	190	713	-.022	.097	.426	-.314
190	520	-.590	.164	-.039	-.1336	190	570	-.189	.156	-.782	-.408	190	714	.011	.117	.705	-.358
190	521	-.140	.096	.290	-.461	190	571	-.230	.034	-.093	-.358	190	801	-.156	.071	.525	-.029
190	522	-.128	.089	.225	-.431	190	572	-.217	.030	-.125	-.342	190	802	-.145	.053	-.145	-.347
190	523	-.293	.075	.161	-.596	190	573	-.248	.046	-.007	-.469	190	803	-.198	.037	-.043	-.371
190	524	-.281	.063	.014	-.557	190	574	-.233	.040	-.075	-.442	190	901	-.360	.154	.956	-.132
190	525	-.325	.130	.145	-.076	190	575	-.215	.031	-.027	-.372	190	902	-.590	.118	-.238	-1.101
190	526	-.334	.118	.082	-.859	190	576	-.211	.027	-.129	-.340	190	903	-.601	.151	-.046	-1.236
190	527	-.400	.144	.175	-.1223	190	577	-.226	.032	-.125	-.350	190	904	-.321	.087	-.017	-.708
190	528	-.548	.194	.097	-.1834	190	578	-.219	.028	-.138	-.349	190	905	-.276	.046	-.144	-.523
190	529	-.560	.124	-.451	-.1209	190	579	-.195	.028	-.097	-.288	190	906	-.248	.038	-.154	-.453
190	530	-.530	.113	-.192	-.1237	190	580	-.193	.032	-.070	-.338	190	907	-.243	.041	-.120	-.520
190	531	-.516	.114	-.183	-.1097	190	581	-.200	.035	-.101	-.342	190	908	-.197	.028	-.091	-.303
190	532	-.282	.129	.783	-.098	190	582	-.113	.054	-.072	-.313	190	909	-.258	.039	-.142	-.474
190	533	-.200	.112	.636	-.225	190	583	-.207	.028	-.122	-.306	190	910	-.256	.041	-.135	-.462
190	534	-.306	.069	.062	-.617	190	584	-.194	.026	-.118	-.288	190	911	-.612	.121	-.270	-1.281
190	535	-.282	.058	-.050	-.521	190	585	-.195	.028	-.109	-.315	190	912	-.268	.052	-.142	-.848
190	536	-.372	.127	.052	-.964	190	586	-.201	.030	-.109	-.297	190	913	-.331	.141	-.768	-.067
190	537	-.362	.112	.008	-.929	190	601	-.169	.033	-.050	-.347	190	914	-.687	.143	-.327	-1.291
190	538	-.416	.119	.058	-.876	190	602	-.179	.032	-.056	-.360	190	915	-.489	.118	-.137	-.934
190	539	-.526	.132	.046	-.1170	190	603	-.185	.032	-.063	-.353	190	916	-.322	.084	-.080	-.655
190	540	-.555	.109	-.202	-.1120	190	604	-.202	.040	-.034	-.372	190	917	-.304	.073	-.031	-.677
190	541	-.522	.086	-.282	-.826	190	605	-.206	.034	-.050	-.390	190	918	-.268	.041	-.169	-.453
190	542	-.503	.096	-.206	-.1028	190	606	-.187	.032	-.009	-.344	190	919	-.275	.045	-.171	-.523
190	543	-.383	.141	.905	-.039	190	607	-.183	.033	-.036	-.346	190	920	-.267	.042	-.169	-.547
190	544	-.356	.138	.825	-.112	190	608	-.165	.032	-.054	-.305	190	921	-.274	.049	-.144	-.744
190	545	-.351	.141	.829	-.126	190	609	-.172	.030	-.081	-.307	190	922	-.261	.055	-.087	-.547
190	546	-.263	.125	.728	-.229	190	610	-.190	.031	-.093	-.307	190	923	-.335	.136	-.858	-.173
190	547	-.315	.078	-.143	-.854	190	611	-.191	.031	-.079	-.328	190	924	-.907	.274	-.111	-1.992
190	548	-.297	.055	-.161	-.564	190	612	-.159	.026	-.061	-.255	190	925	-.274	.064	-.120	-.843
190	549	-.297	.056	-.127	-.607	190	613	-.138	.023	-.054	-.216	190	926	-.638	.195	-.159	-1.691
190	550	-.286	.065	-.100	-.573	190	614	-.148	.024	-.059	-.305	190	927	-.735	.165	-.246	-1.375
190	551	-.309	.097	-.093	-.727	190	615	-.174	.030	-.091	-.340	190	928	-.834	.157	-.393	-1.419
190	552	-.497	.149	-.100	-.988	190	616	-.179	.030	-.056	-.305	190	929	-.554	.124	-.152	-1.149
190	553	-.765	.176	-.147	-.1577	190	617	-.189	.031	-.059	-.345	190	930	-.290	.077	-.019	-.621
190	554	-.740	.155	-.340	-.1471	190	618	-.184	.030	-.079	-.288	190	931	-.336	.073	-.123	-.708
190	555	-.741	.154	.317	-.1493	190	619	-.144	.026	-.050	-.232	190	932	-.260	.040	-.161	-.431
190	556	-.301	.118	.773	-.066	190	620	-.132	.026	-.019	-.242	190	933	-.266	.044	-.152	-.486
190	557	-.296	.129	.798	-.095	190	621	-.133	.025	-.045	-.242	190	934	-.236	.039	-.123	-.409
190	558	-.076	.118	.490	-.335	190	701	-.185	.032	-.061	-.320	190	935	-.300	.074	-.125	-.756
190	559	-.032	.149	.544	-.580	190	702	-.246	.035	-.152	-.440	190	936	-.221	.046	-.072	-.537
190	560	-.246	.037	-.129	-.387	190	703	-.232	.038	-.137	-.426	190	937	-.390	.116	-.041	-.800
190	561	-.241	.036	-.145	-.406	190	704	-.260	.046	-.140	-.535	190	938	-.323	.100	-.014	-.778
190	562	-.220	.032	-.125	-.362	190	705	-.226	.047	-.078	-.474	190	939	-.242	.054	-.099	-.515

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	940	- .471	.107	- .106	- .959	200	101	- .322	.076	- .095	- .639	200	151	- .247	.039	- .133	- .408
190	941	- .208	.085	- .243	- .479	200	102	- .328	.069	- .107	- .689	200	152	- .240	.039	- .126	- .384
190	942	- .510	.103	- .205	- .968	200	103	- .317	.071	- .088	- .641	200	153	- .248	.050	- .102	- .489
190	943	- .635	.144	- .128	-1.344	200	104	- .406	.102	- .043	-1.127	200	154	- .284	.051	- .143	- .511
190	944	- .539	.165	- .116	-1.484	200	105	- .410	.110	- .057	- .952	200	155	- .275	.044	- .143	- .456
190	945	- .313	.102	- .094	- .698	200	106	- .332	.078	- .062	- .706	200	156	- .255	.039	- .131	- .413
190	946	- .230	.077	- .092	- .590	200	107	- .323	.068	- .083	- .658	200	157	- .276	.048	- .126	- .570
190	947	- .246	.043	- .126	- .432	200	108	- .331	.077	- .012	- .781	200	158	- .277	.051	- .148	- .537
190	948	- .224	.043	- .041	- .491	200	109	- .346	.078	- .095	- .724	200	159	- .216	.041	- .081	- .484
190	949	- .054	.090	- .376	- .354	200	110	- .379	.089	- .107	- .767	200	160	- .210	.038	- .088	- .363
190	950	- .350	.118	- .018	-1.014	200	111	- .331	.093	- .064	- .722	200	161	- .214	.041	- .098	- .356
190	951	- .187	.051	- .021	- .434	200	112	- .307	.081	- .067	- .715	200	162	- .249	.046	- .071	- .461
190	1101	- .137	.105	- .553	- .506	200	113	- .292	.070	- .060	- .616	200	163	- .253	.043	- .129	- .465
190	1102	- .142	.116	- .509	- .440	200	114	- .288	.061	- .100	- .566	200	164	- .264	.047	- .138	- .482
190	1103	- .129	.132	- .649	- .649	200	115	- .294	.063	- .076	- .512	200	165	- .268	.040	- .172	- .437
190	1104	- .203	.102	- .165	- .684	200	116	- .300	.076	- .069	- .618	200	166	- .270	.042	- .107	- .456
190	1105	- .220	.057	- .036	- .563	200	117	- .311	.077	- .036	- .687	200	167	- .271	.041	- .143	- .468
190	1106	- .170	.062	- .169	- .458	200	118	- .311	.072	- .043	- .878	200	168	- .280	.047	- .129	- .609
190	1107	- .222	.052	- .075	- .531	200	119	- .308	.066	- .126	- .566	200	169	- .279	.050	- .117	- .518
190	1108	- .194	.063	- .020	- .595	200	120	- .330	.079	- .100	- .656	200	170	- .212	.043	- .079	- .406
190	1109	- .182	.050	- .045	- .542	200	121	- .312	.074	- .100	- .857	200	171	- .269	.048	- .089	- .457
190	1110	- .201	.067	- .008	- .668	200	122	- .288	.057	- .093	- .552	200	172	- .266	.047	- .143	- .477
190	1111	- .208	.065	- .017	- .748	200	123	- .290	.056	- .088	- .549	200	173	- .272	.045	- .129	- .450
190	1112	- .184	.079	- .277	- .451	200	124	- .290	.062	- .119	- .736	200	174	- .273	.042	- .165	- .477
190	1113	- .209	.067	- .039	- .702	200	125	- .305	.074	- .064	- .944	200	175	- .279	.046	- .161	- .493
190	1201	- .053	.116	- .564	- .284	200	126	- .314	.075	- .055	- .656	200	176	- .280	.039	- .145	- .426
190	1202	- .275	.152	- .836	- .166	200	127	- .307	.066	- .114	- .769	200	177	- .272	.045	- .138	- .500
190	1203	- .046	.103	- .347	- .399	200	128	- .318	.067	- .121	- .575	200	178	- .264	.044	- .132	- .471
190	1204	- .342	.068	- .168	- .681	200	129	- .329	.069	- .128	- .663	200	201	- .737	.190	- .048	-1.411
190	1205	- .271	.070	- .091	- .602	200	130	- .301	.059	- .107	- .552	200	202	- .777	.212	- .049	-1.583
190	1206	- .211	.038	- .095	- .396	200	131	- .284	.049	- .126	- .616	200	203	- .673	.203	- .134	-1.402
190	1207	- .214	.039	- .072	- .378	200	132	- .283	.048	- .098	- .478	200	204	- .401	.120	- .005	- .974
190	1208	- .233	.058	- .065	- .556	200	133	- .296	.057	- .131	- .549	200	205	- .349	.103	- .039	-1.107
190	1209	- .293	.078	- .061	- .693	200	134	- .312	.073	- .083	- .644	200	206	- .340	.106	- .010	- .952
190	1210	- .351	.091	- .136	- .862	200	135	- .318	.080	- .067	- .706	200	207	- .547	.171	- .057	-1.472
190	1211	- .400	.124	- .062	- .912	200	136	- .323	.071	- .088	- .609	200	208	- .526	.154	- .115	-1.597
190	1301	- .231	.128	- .724	- .202	200	137	- .329	.074	- .093	- .672	200	209	- .500	.133	- .148	-1.115
190	1302	- .285	.125	- .769	- .045	200	138	- .339	.081	- .067	- .623	200	210	- .478	.118	- .089	-1.105
190	1303	- .205	.123	- .701	- .362	200	139	- .304	.066	- .064	- .663	200	211	- .445	.090	- .129	- .950
190	1304	- .203	.060	- .008	- .469	200	140	- .284	.048	- .138	- .443	200	212	- .407	.104	- .042	- .823
190	1305	- .316	.143	- .036	- .269	200	141	- .276	.047	- .140	- .478	200	213	- .412	.114	- .057	-1.025
190	1306	- .180	.044	- .013	- .403	200	142	- .293	.062	- .124	- .779	200	214	- .384	.103	- .085	- .875
190	1307	- .225	.053	- .050	- .474	200	143	- .328	.083	- .100	- .748	200	215	- .390	.084	- .155	- .771
190	1308	- .075	.060	- .183	- .280	200	144	- .353	.095	- .088	- .897	200	216	- .399	.086	- .174	- .779
190	1309	- .179	.065	- .046	- .449	200	145	- .360	.075	- .176	- .833	200	217	- .407	.088	- .155	- .781
190	1310	- .345	.095	- .039	- .937	200	146	- .336	.066	- .157	- .587	200	218	- .457	.101	- .158	-1.021
190	1311	- .070	.067	- .247	- .353	200	147	- .250	.057	- .093	- .502	200	219	- .463	.109	- .160	-1.018
190	1312	- .365	.142	- .115	- .937	200	148	- .249	.052	- .102	- .471	200	220	- .478	.122	- .097	-1.470
190	1313	- .275	.129	- .119	- .843	200	149	- .259	.048	- .131	- .453	200	221	- .488	.125	- .136	-1.336
190	1314	- .174	.117	- .628	- .294	200	150	- .253	.043	- .145	- .458	200	222	- .483	.130	- .097	-1.265

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	223	- .457	.157	- .007	-1.508	200	273	- .557	.205	.046	-1.624	200	418	.207	.132	.704	-.193
200	224	- .448	.194	.092	-1.592	200	274	- .404	.189	.058	-1.142	200	419	.012	.115	.447	-.398
200	225	- .405	.147	.165	-1.254	200	275	- .209	.129	.125	-.838	200	420	.057	.124	.580	-.401
200	226	- .395	.075	- .176	- .710	200	276	- .221	.075	.058	-.650	200	421	.219	.128	.721	-.198
200	227	- .400	.079	- .155	- .748	200	277	- .207	.058	.006	-.481	200	422	.232	.127	.771	-.174
200	228	- .415	.085	- .120	- .776	200	278	- .214	.039	-.068	-.386	200	423	.330	.148	.812	-.248
200	229	- .442	.103	- .179	-1.030	200	279	- .235	.041	-.125	-.453	200	424	.285	.140	.774	-.133
200	230	- .432	.109	- .111	-1.082	200	280	- .288	.098	.001	-.835	200	425	.484	.163	1.011	-.025
200	231	- .456	.098	- .148	- .903	200	281	- .223	.053	.001	-.543	200	426	.405	.162	.963	-.047
200	232	- .477	.111	- .078	-1.136	200	282	- .193	.042	-.018	-.393	200	427	.263	.139	.687	-.187
200	233	- .468	.108	.026	- .974	200	283	- .176	.038	-.011	-.363	200	428	.033	.112	.434	-.366
200	234	- .416	.115	.068	-1.138	200	284	- .184	.041	-.007	-.408	200	429	.083	.104	.532	-.282
200	235	- .414	.141	.096	-1.223	200	285	- .240	.039	-.098	-.439	200	430	.311	.135	.804	-.059
200	236	- .436	.154	- .035	-1.247	200	286	- .237	.040	-.100	-.413	200	431	.448	.143	.911	-.041
200	237	- .401	.078	- .127	- .835	200	287	- .199	.044	-.022	-.544	200	432	.430	.149	.923	.030
200	238	- .393	.076	- .148	- .807	200	288	- .220	.057	-.042	-.562	200	433	.433	.152	.923	.039
200	239	- .419	.085	- .144	- .835	200	289	- .207	.044	-.083	-.526	200	434	.493	.165	1.061	.041
200	240	- .460	.109	- .132	-1.059	200	290	- .187	.034	-.076	-.343	200	435	.413	.157	.920	-.023
200	241	- .446	.109	- .172	-1.196	200	291	- .168	.031	-.040	-.308	200	436	.223	.134	.711	-.142
200	242	- .427	.086	- .146	- .861	200	292	- .164	.030	-.054	-.299	200	437	.024	.104	.408	-.287
200	243	- .469	.107	- .151	-1.154	200	293	- .451	.199	.011	-1.409	200	438	.356	.137	.804	-.123
200	244	- .450	.105	.032	-1.037	200	294	- .160	.121	.359	-1.023	200	439	.464	.157	.994	.011
200	245	- .408	.102	.068	- .788	200	295	- .170	.060	.067	-.491	200	440	.497	.164	.951	-.011
200	246	- .420	.124	.108	- .947	200	296	- .264	.071	.091	-.571	200	441	-.029	.118	.430	-.418
200	247	- .432	.138	- .051	-1.089	200	297	- .209	.043	-.025	-.377	200	442	.166	.120	.613	-.178
200	248	- .462	.084	- .199	- .828	200	298	- .231	.041	-.085	-.397	200	443	.399	.150	.889	.032
200	249	- .470	.088	- .180	- .968	200	299	- .213	.036	-.051	-.379	200	444	.360	.147	.906	-.120
200	250	- .486	.095	- .191	-1.028	200	300	- .213	.037	-.080	-.386	200	445	.424	.154	.906	-.009
200	251	- .507	.107	- .018	-1.149	200	301	- .176	.033	-.007	-.312	200	446	.384	.147	.904	.030
200	252	- .508	.110	- .092	- .992	200	302	- .217	.041	-.112	-.442	200	447	.304	.137	.770	-.063
200	253	- .485	.106	- .087	-1.101	200	303	- .174	.029	-.042	-.285	200	448	.132	.116	.682	-.185
200	254	- .520	.134	- .132	-1.177	200	304	- .162	.028	-.054	-.263	200	449	-.052	.095	.299	-.363
200	255	- .476	.114	- .013	- .949	200	305	- .165	.032	-.036	-.301	200	450	.121	.146	.589	-.694
200	256	- .437	.112	- .008	-1.002	200	401	.427	.189	1.036	-.523	200	451	.371	.165	.982	-.573
200	257	- .408	.131	- .013	-1.075	200	402	.294	.240	.926	-.771	200	452	.394	.168	.911	-.235
200	258	- .428	.142	- .039	-1.325	200	403	.093	.219	.704	-.647	200	453	.341	.129	.920	.015
200	259	- .508	.104	- .225	-1.496	200	404	- .507	.195	.252	-1.173	200	454	.392	.156	.958	.011
200	260	- .508	.116	- .046	-1.189	200	405	- .362	.183	.979	-.540	200	455	.278	.141	.799	-.290
200	261	- .475	.112	- .047	- .911	200	406	- .102	.301	.865	-1.197	200	456	.244	.124	.706	-.059
200	262	- .548	.117	- .237	-1.180	200	407	- .160	.173	.595	-.758	200	457	.226	.115	.677	-.044
200	263	- .545	.117	- .263	-1.353	200	408	- .462	.123	.089	-1.001	200	458	.197	.116	.680	-.080
200	264	- .571	.130	- .172	-1.189	200	409	- .324	.223	.511	-1.084	200	459	.146	.111	.627	-.159
200	265	- .567	.146	- .039	-1.268	200	410	- .083	.328	1.064	-.959	200	460	.016	.103	.482	-.304
200	266	- .510	.141	- .006	-1.075	200	411	- .562	.218	.241	-1.387	200	461	-.182	.095	.215	-.516
200	267	- .408	.130	.037	- .935	200	412	- .282	.324	1.086	-.840	200	462	.181	.166	.749	-.359
200	268	- .327	.122	.013	- .885	200	413	- .529	.152	.015	-1.201	200	463	.202	.161	.732	-.518
200	269	- .289	.100	- .025	- .785	200	414	- .082	.158	.654	-.446	200	464	.238	.150	.987	-.197
200	270	- .274	.084	- .028	- .930	200	415	- .048	.132	.556	-.413	200	465	.050	.059	.327	-.094
200	271	- .588	.159	- .194	-1.615	200	416	- .328	.148	.812	-.105	200	466	.046	.065	.432	-.128
200	272	- .600	.172	- .146	-1.548	200	417	- .291	.154	.740	-.148	200	467	.067	.065	.353	-.104

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	468	.042	.062	.368	-.125	200	538	-.378	.139	.021	-.946	200	602	-.170	.038	-.029	-.347
200	469	.029	.059	.339	-.139	200	539	-.549	.177	.077	-.1093	200	603	-.197	.045	-.004	-.401
200	470	.003	.065	.337	-.201	200	540	-.629	.144	.035	-.1308	200	604	-.207	.044	-.048	-.368
200	471	-.110	.068	.210	-.321	200	541	-.595	.103	-.316	-.1016	200	605	-.205	.039	-.026	-.481
200	472	-.245	.086	.165	-.602	200	542	-.592	.119	-.157	-.1068	200	606	-.216	.047	-.057	-.512
200	473	.153	.087	.658	-.054	200	543	-.416	.142	-.869	.035	200	607	-.218	.053	-.059	-.613
200	474	.167	.093	.620	-.065	200	544	.399	.149	.984	.041	200	608	-.161	.032	-.043	-.280
200	475	.189	.090	.580	-.022	200	545	.408	.149	.916	-.006	200	609	-.168	.032	-.052	-.287
200	476	.213	.118	.711	-.054	200	546	.357	.138	.834	-.059	200	610	-.183	.033	-.068	-.336
200	477	.209	.121	.762	-.042	200	547	.391	.161	-.159	-.874	200	611	-.176	.031	-.041	-.293
200	478	.169	.115	.673	-.107	200	548	-.356	.073	-.181	-.770	200	612	-.159	.027	-.050	-.249
200	479	.006	.106	.441	-.343	200	549	-.319	.057	-.157	-.552	200	613	-.161	.032	-.030	-.280
200	480	-.415	.194	.085	-1.302	200	550	-.290	.061	-.112	-.668	200	614	-.171	.035	-.059	-.309
200	501	-.307	.085	.115	-.685	200	551	-.291	.082	-.079	-.748	200	615	-.149	.031	-.051	-.283
200	502	-.305	.101	.035	-.760	200	552	-.460	.169	-.039	-.1214	200	616	-.156	.032	-.054	-.287
200	503	-.370	.172	.201	-.996	200	553	-.748	.199	-.101	-.1563	200	617	-.166	.030	-.039	-.290
200	504	-.616	.122	.278	-1.032	200	554	-.768	.183	-.301	-.1503	200	618	-.161	.029	-.064	-.280
200	505	-.690	.191	-.226	-1.348	200	555	-.763	.174	-.230	-.1521	200	619	-.142	.026	-.043	-.263
200	506	-.983	.219	-.211	-1.761	200	556	-.367	.135	1.027	-.032	200	620	-.136	.027	-.041	-.263
200	507	-.329	.080	-.001	-.661	200	557	-.364	.134	.783	-.039	200	621	-.132	.027	-.031	-.244
200	508	-.407	.109	-.028	-.847	200	558	-.134	.129	.569	-.315	200	701	-.172	.039	-.025	-.344
200	509	-.600	.158	-.114	-1.194	200	559	-.059	.160	.545	-.628	200	702	-.245	.038	-.146	-.396
200	510	-.747	.174	-.141	-1.425	200	560	-.296	.056	-.137	-.577	200	703	-.233	.043	-.136	-.456
200	511	-.334	.077	-.069	-.701	200	561	-.291	.051	-.141	-.574	200	704	-.271	.053	-.144	-.552
200	512	-.323	.070	-.116	-.645	200	562	-.252	.039	-.119	-.446	200	705	-.248	.054	-.098	-.528
200	513	-.305	.070	-.005	-.672	200	563	-.240	.039	-.119	-.386	200	707	-.065	.113	-.465	-.392
200	514	-.300	.073	-.053	-.625	200	564	-.225	.040	-.077	-.375	200	708	-.214	.037	-.082	-.386
200	515	-.335	.096	.228	-.958	200	565	-.297	.065	-.081	-.594	200	709	-.221	.037	-.115	-.403
200	516	-.607	.242	.124	-1.560	200	566	-.149	.060	-.087	-.437	200	710	-.252	.042	-.150	-.452
200	517	-.124	.202	.635	-.879	200	567	-.255	.103	.047	-.712	200	711	-.256	.045	-.141	-.459
200	518	-.660	.267	.226	-1.608	200	568	-.636	.197	.012	-1.554	200	712	-.212	.043	-.061	-.393
200	519	-.023	.288	.939	-.674	200	569	-.377	.150	.956	-.019	200	713	-.078	.091	.412	-.368
200	520	-.594	.182	.003	-1.486	200	570	-.282	.151	.974	-.454	200	714	-.051	.113	.510	-.562
200	521	-.057	.107	.381	-.429	200	571	-.269	.042	-.152	-.479	200	801	-.146	.068	.491	-.021
200	522	-.054	.091	.284	-.355	200	572	-.252	.038	-.141	-.408	200	802	-.172	.058	.063	-.644
200	523	-.335	.074	-.026	-.733	200	573	-.259	.083	.105	-.632	200	803	-.229	.047	-.066	-.468
200	524	-.327	.068	-.139	-.580	200	574	-.247	.069	.061	-.566	200	901	-.354	.142	.922	-.043
200	525	-.310	.072	-.013	-.647	200	575	-.241	.058	.092	-.554	200	902	-.612	.162	-.004	-1.200
200	526	-.271	.089	.104	-.692	200	576	-.243	.045	.101	-.606	200	903	-.655	.166	-.190	-1.260
200	527	-.346	.129	.075	-.899	200	577	-.228	.039	-.041	-.511	200	904	-.269	.076	-.014	-.620
200	528	-.535	.245	.232	-1.596	200	578	-.252	.035	-.148	-.415	200	905	-.289	.064	-.127	-.625
200	529	-.641	.186	.050	-1.324	200	579	-.220	.040	-.046	-.375	200	906	-.267	.044	-.153	-.500
200	530	-.657	.157	-.116	-1.272	200	580	-.217	.040	-.081	-.432	200	907	-.273	.051	-.168	-.560
200	531	-.643	.162	-.078	-1.405	200	581	-.202	.040	-.076	-.384	200	908	-.231	.038	-.120	-.454
200	532	-.327	.137	.813	-.062	200	582	-.114	.054	.031	-.335	200	909	-.250	.048	-.129	-.731
200	533	-.257	.133	.769	-.184	200	583	-.240	.034	-.150	-.370	200	910	-.269	.066	-.040	-.784
200	534	-.330	.075	-.062	-.679	200	584	-.231	.036	-.117	-.410	200	911	-.609	.168	-.010	-1.318
200	535	-.333	.070	-.085	-.676	200	585	-.223	.035	-.097	-.383	200	912	-.259	.050	-.115	-.572
200	536	-.337	.091	-.062	-.784	200	586	-.234	.040	-.126	-.423	200	913	-.367	.150	-.936	-.057
200	537	-.303	.101	.125	-.807	200	601	-.177	.040	-.035	-.355	200	914	-.770	.150	-.226	-1.349

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	915	- .468	.115	-.043	-1.005	200	1201	.058	.126	.569	-.318	210	126	-.316	.086	.020	-.811
200	916	-.310	.082	-.021	-.709	200	1202	.266	.154	.922	-.228	210	127	-.306	.075	-.102	-.785
200	917	-.307	.077	-.052	-.690	200	1203	-.004	.113	.411	-.383	210	128	-.307	.071	-.098	-.724
200	918	-.271	.042	-.156	-.445	200	1204	-.406	.090	-.170	-.959	210	129	-.322	.065	-.114	-.651
200	919	-.271	.047	-.165	-.596	200	1205	-.287	.066	-.083	-.588	210	130	-.298	.057	-.126	-.505
200	920	-.271	.047	-.170	-.466	200	1206	-.238	.045	-.108	-.430	210	131	-.286	.059	-.072	-.639
200	921	-.267	.054	-.141	-.798	200	1207	-.245	.047	-.092	-.443	210	132	-.298	.066	-.114	-.594
200	922	-.270	.066	-.031	-.661	200	1208	-.291	.075	-.079	-.669	210	133	-.312	.077	-.043	-.651
200	923	-.383	.146	.939	-.069	200	1209	-.314	.082	-.068	-.712	210	134	-.326	.087	-.043	-.761
200	924	-.796	.232	-.093	-1.921	200	1210	-.426	.103	-.155	-1.008	210	135	-.338	.093	-.070	-.891
200	925	-.268	.065	-.098	-.894	200	1211	-.459	.131	-.073	-1.022	210	136	-.332	.077	-.050	-.750
200	926	-.512	.151	-.021	-1.166	200	1301	.261	.132	.898	-.195	210	137	-.321	.075	-.109	-.740
200	927	-.623	.152	-.158	-1.428	200	1302	.277	.141	.828	-.106	210	138	-.330	.062	-.121	-.580
200	928	-.802	.155	-.322	-1.344	200	1303	.209	.129	.761	-.447	210	139	-.313	.059	-.135	-.597
200	929	-.550	.132	-.163	-1.084	200	1304	-.219	.065	.024	-.508	210	140	-.283	.052	-.088	-.578
200	930	-.320	.077	-.036	-.596	200	1305	.295	.135	.920	-.242	210	141	-.274	.053	-.095	-.660
200	931	-.330	.077	-.084	-.711	200	1306	-.209	.055	.044	-.445	210	142	-.299	.068	-.109	-.766
200	932	-.258	.041	-.129	-.432	200	1307	-.243	.062	-.032	-.519	210	143	-.330	.088	-.140	-.794
200	933	-.256	.043	-.156	-.459	200	1308	-.103	.063	.129	-.369	210	144	-.369	.105	-.126	-.907
200	934	-.245	.045	-.098	-.514	200	1309	-.150	.065	.075	-.443	210	145	-.333	.072	-.159	-.860
200	935	-.297	.081	-.117	-.671	200	1310	-.332	.111	.098	-.867	210	146	-.331	.076	-.128	-.639
200	936	-.218	.058	-.040	-.524	200	1311	-.059	.068	.268	-.293	210	147	-.318	.073	-.072	-.594
200	937	-.378	.109	-.027	-.902	200	1312	-.286	.146	.230	-.968	210	148	-.296	.058	-.112	-.550
200	938	-.374	.100	-.067	-.813	200	1313	-.242	.119	.165	-.914	210	149	-.280	.052	-.096	-.511
200	939	-.252	.064	-.074	-.654	200	1314	-.214	.124	.650	-.161	210	150	-.262	.044	-.134	-.452
200	940	-.378	.097	-.079	-.798	210	101	-.328	.086	-.043	-.672	210	151	-.262	.045	-.117	-.447
200	941	-.295	.105	-.181	-.692	210	102	-.336	.085	-.046	-.768	210	152	-.282	.051	-.129	-.457
200	942	-.406	.091	-.115	-.897	210	103	-.332	.083	-.092	-.662	210	153	-.302	.060	-.110	-.590
200	943	-.516	.128	-.127	-1.214	210	104	-.396	.110	-.058	-1.044	210	154	-.316	.060	-.167	-.730
200	944	-.486	.118	-.180	-1.409	210	105	-.382	.106	-.072	-.808	210	155	-.306	.060	-.091	-.604
200	945	-.423	.102	-.029	-.793	210	106	-.354	.097	-.029	-.860	210	156	-.272	.048	-.127	-.466
200	946	-.323	.097	-.065	-.810	210	107	-.333	.088	-.095	-.853	210	157	-.294	.053	-.157	-.552
200	947	-.245	.047	-.115	-.435	210	108	-.347	.087	-.112	-.714	210	158	-.299	.055	-.150	-.602
200	948	-.239	.048	-.068	-.487	210	109	-.357	.089	-.069	-.740	210	159	-.217	.044	-.074	-.412
200	949	-.130	.085	.367	-.489	210	110	-.407	.100	-.032	-.867	210	160	-.224	.047	-.051	-.423
200	950	-.343	.111	-.002	-.915	210	111	-.314	.091	-.043	-.764	210	161	-.212	.046	-.041	-.400
200	951	-.211	.062	-.010	-.539	210	112	-.303	.091	-.023	-.844	210	162	-.256	.047	-.131	-.423
200	1101	-.176	.095	.627	-.461	210	113	-.294	.088	-.025	-.844	210	163	-.266	.051	-.129	-.478
200	1102	-.176	.116	.495	-.765	210	114	-.293	.078	-.072	-.663	210	164	-.272	.047	-.136	-.495
200	1103	-.186	.144	.576	-.753	210	115	-.276	.081	-.036	-.731	210	165	-.275	.047	-.146	-.497
200	1104	-.236	.099	.100	-.888	210	116	-.281	.083	.011	-.703	210	166	-.267	.041	-.148	-.423
200	1105	-.234	.062	-.021	-.579	210	117	-.301	.087	-.020	-.721	210	167	-.271	.041	-.165	-.492
200	1106	-.192	.063	-.093	-.548	210	118	-.302	.079	-.081	-.778	210	168	-.280	.051	-.148	-.592
200	1107	-.243	.059	-.059	-.584	210	119	-.308	.082	-.095	-.903	210	169	-.304	.056	-.150	-.552
200	1108	-.211	.060	-.021	-.541	210	120	-.322	.075	-.076	-.710	210	170	-.221	.051	-.027	-.433
200	1109	-.203	.051	-.027	-.749	210	121	-.304	.073	-.112	-.745	210	171	-.284	.045	-.155	-.488
200	1110	-.225	.060	-.016	-.637	210	122	-.293	.074	-.109	-.771	210	172	-.287	.049	-.153	-.502
200	1111	-.226	.055	-.030	-.617	210	123	-.300	.078	-.086	-.700	210	173	-.286	.042	-.148	-.474
200	1112	-.212	.078	-.227	-.517	210	124	-.297	.079	-.025	-.700	210	174	-.289	.044	-.153	-.537
200	1113	-.228	.069	.022	-.637	210	125	-.309	.087	.001	-.658	210	175	-.284	.040	-.153	-.457

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	176	-.280	.036	-.162	-.420	210	248	-.383	.069	-.173	-.874	210	298	-.291	.058	-.125	-.613
210	177	-.276	.041	-.141	-.441	210	249	-.394	.068	-.211	-.639	210	299	-.256	.043	-.062	-.418
210	178	-.286	.044	-.146	-.457	210	250	-.403	.066	-.199	-.679	210	300	-.260	.042	-.120	-.416
210	201	-.653	.159	-.050	-1.256	210	251	-.431	.087	-.173	-.872	210	301	-.266	.043	-.017	-.362
210	202	-.670	.188	-.056	-1.454	210	252	-.412	.084	-.152	-.924	210	302	-.270	.061	-.116	-.618
210	203	-.643	.198	-.080	-1.459	210	253	-.408	.082	-.157	-.797	210	303	-.199	.036	-.092	-.334
210	204	-.371	.115	-.007	-.867	210	254	-.427	.083	-.204	-.860	210	304	-.181	.035	-.039	-.323
210	205	-.340	.104	.041	-.993	210	255	-.422	.087	-.157	-.917	210	305	-.174	.035	-.037	-.318
210	206	-.348	.106	-.013	-.979	210	256	-.410	.081	-.112	-.818	210	401	-.430	.176	.971	-.768
210	207	-.458	.158	-.059	-1.489	210	257	-.456	.102	-.169	-1.074	210	402	-.246	.223	.869	-.611
210	208	-.430	.127	-.010	-1.077	210	258	-.465	.117	-.091	-1.065	210	403	-.044	.204	.648	-.659
210	209	-.418	.115	-.094	-.997	210	259	-.433	.081	-.216	-.886	210	404	-.346	.223	.654	-1.043
210	210	-.405	.110	-.003	-.883	210	260	-.448	.091	-.173	-.865	210	405	-.393	.177	.889	-.413
210	211	-.417	.090	-.170	-.820	210	261	-.426	.087	-.140	-.943	210	406	-.075	.265	.708	-.927
210	212	-.401	.107	-.077	-.909	210	262	-.458	.086	-.225	-.994	210	407	-.158	.159	.412	-.644
210	213	-.375	.109	-.014	-.923	210	263	-.462	.085	-.230	-.801	210	408	-.380	.127	.177	-.864
210	214	-.365	.104	.002	-1.002	210	264	-.490	.094	-.242	-1.333	210	409	-.126	.210	.744	-.944
210	215	-.319	.060	-.149	-.622	210	265	-.495	.105	-.239	-1.098	210	410	-.177	.322	1.177	-.937
210	216	-.317	.059	-.138	-.576	210	266	-.500	.105	-.070	-1.333	210	411	-.346	.242	1.577	-1.222
210	217	-.329	.061	-.126	-.550	210	267	-.468	.110	-.112	-1.027	210	412	-.336	.321	1.251	-.647
210	218	-.368	.084	-.152	-1.051	210	268	-.404	.095	-.142	-.825	210	413	-.372	.186	.223	-1.053
210	219	-.366	.080	-.149	-1.240	210	269	-.354	.095	-.065	-.700	210	414	-.142	.133	.710	-.229
210	220	-.390	.092	-.142	-.953	210	270	-.362	.095	-.117	-.860	210	415	-.213	.148	.764	-.243
210	221	-.419	.110	-.004	-1.282	210	271	-.461	.115	-.176	-1.171	210	416	-.331	.153	.786	-.115
210	222	-.407	.109	-.026	-1.079	210	272	-.469	.117	-.169	-1.291	210	417	-.247	.149	.731	-.193
210	223	-.408	.130	-.028	-1.186	210	273	-.488	.136	-.169	-1.279	210	418	-.134	.117	.531	-.250
210	224	-.418	.160	-.035	-1.622	210	274	-.448	.120	-.138	-1.030	210	419	-.014	.092	.327	-.252
210	225	-.391	.137	-.017	-1.130	210	275	-.413	.119	-.049	-.968	210	420	-.166	.151	.888	-.276
210	226	-.322	.059	-.142	-.571	210	276	-.327	.094	-.051	-.684	210	421	-.287	.139	.926	-.212
210	227	-.326	.056	-.128	-.576	210	277	-.278	.074	-.035	-.554	210	422	-.295	.132	.774	-.070
210	228	-.317	.057	-.147	-.613	210	278	-.257	.057	-.068	-.479	210	423	-.392	.157	.892	-.146
210	229	-.353	.074	-.168	-.771	210	279	-.257	.051	-.086	-.491	210	424	-.403	.159	.923	-.105
210	230	-.358	.074	-.180	-.846	210	280	-.262	.093	-.038	-.787	210	425	-.498	.168	1.005	-.063
210	231	-.376	.074	-.170	-.767	210	281	-.239	.070	-.020	-.630	210	426	-.365	.151	.809	-.022
210	232	-.397	.091	-.166	-.865	210	282	-.210	.059	-.017	-.474	210	427	-.198	.119	.565	-.129
210	233	-.396	.083	-.131	-1.025	210	283	-.165	.049	-.022	-.369	210	428	-.003	.084	.300	-.276
210	234	-.389	.097	-.028	-1.130	210	284	-.212	.052	-.027	-.439	210	429	-.152	.129	.818	-.316
210	235	-.418	.121	-.012	-1.065	210	285	-.272	.046	-.125	-.585	210	430	-.370	.143	.896	-.041
210	236	-.430	.135	-.028	-1.270	210	286	-.272	.050	-.104	-.562	210	431	-.468	.155	1.074	-.056
210	237	-.338	.059	-.147	-.622	210	287	-.244	.055	-.060	-.723	210	432	-.479	.157	.991	-.053
210	238	-.332	.061	-.163	-.566	210	288	-.262	.074	-.085	-.723	210	433	-.466	.166	.975	-.041
210	239	-.336	.061	-.148	-.580	210	289	-.254	.064	-.026	-.588	210	434	-.460	.166	.977	-.011
210	240	-.354	.068	-.140	-.785	210	290	-.218	.047	-.074	-.409	210	435	-.355	.140	.818	-.013
210	241	-.352	.067	-.150	-.823	210	291	-.190	.038	-.055	-.330	210	436	-.183	.108	.608	-.112
210	242	-.373	.067	-.077	-.696	210	292	-.179	.038	-.044	-.339	210	437	-.013	.078	.269	-.311
210	243	-.386	.069	-.176	-.684	210	293	-.502	.174	-.036	-1.225	210	438	-.415	.151	1.065	-.001
210	244	-.393	.071	-.145	-.761	210	294	-.230	.143	-.249	-.932	210	439	-.491	.168	1.043	-.295
210	245	-.397	.078	-.190	-.693	210	295	-.204	.074	-.036	-.530	210	440	-.479	.157	1.041	-.023
210	246	-.425	.107	-.030	-.945	210	296	-.274	.096	-.208	-.655	210	441	-.074	.117	.589	-.344
210	247	-.434	.117	-.178	-1.048	210	297	-.242	.048	-.081	-.444	210	442	-.251	.129	.776	-.065

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	443	.445	.153	1.043	-.034	210	513	-.289	.081	.162	-.657	210	563	-.262	.043	-.136	-.435
210	444	.413	.158	.989	-.013	210	514	-.257	.079	.063	-.532	210	564	-.245	.045	-.099	-.407
210	445	.452	.155	.970	.037	210	515	-.261	.094	.225	-.575	210	565	-.317	.068	-.092	-.611
210	446	.396	.133	.906	.004	210	516	-.516	.216	.194	-1.487	210	566	-.163	.061	.072	-.370
210	447	.266	.123	.757	-.105	210	517	-.002	.221	.818	-.901	210	567	-.235	.109	.110	-.833
210	448	.108	.097	.598	-.209	210	518	-.492	.255	.337	-1.414	210	568	-.647	.215	-.009	-1.463
210	449	-.074	.083	.283	-.340	210	519	-.099	.271	.900	-.640	210	569	.381	.141	.925	.019
210	450	.246	.160	.776	-.541	210	520	-.497	.195	.344	-1.177	210	570	.327	.140	.793	-.099
210	451	.406	.183	1.074	-.309	210	521	.015	.112	.427	-.312	210	571	-.307	.050	-.178	-.525
210	452	.406	.166	.878	-.250	210	522	.030	.103	.415	-.305	210	572	-.282	.044	-.136	-.460
210	453	.355	.137	.856	-.041	210	523	-.348	.077	-.096	-.727	210	573	-.218	.095	.126	-.660
210	454	.412	.149	.936	-.075	210	524	-.338	.073	-.085	-.666	210	574	-.217	.098	.223	-.782
210	455	.341	.144	.930	-.046	210	525	-.297	.069	.049	-.570	210	575	-.215	.089	.258	-.578
210	456	.274	.130	.750	-.053	210	526	-.218	.076	.111	-.520	210	576	-.239	.076	.205	-.511
210	457	.251	.115	.780	-.039	210	527	-.246	.107	.197	-.704	210	577	-.218	.073	.146	-.554
210	458	.219	.111	.631	-.032	210	528	-.340	.238	.307	-1.524	210	578	-.286	.041	-.155	-.451
210	459	.130	.102	.657	-.131	210	529	-.519	.262	.267	-1.466	210	579	-.243	.044	-.022	-.393
210	460	-.020	.077	.340	-.257	210	530	-.675	.248	.162	-1.587	210	580	-.239	.044	-.078	-.428
210	461	-.176	.075	.269	-.515	210	531	-.791	.252	.040	-1.862	210	581	-.209	.046	-.052	-.411
210	462	.214	.163	.783	-.550	210	532	.381	.140	.893	-.026	210	582	-.112	.057	-.049	-.366
210	463	.207	.173	.754	-.475	210	533	.334	.139	.844	-.056	210	583	-.260	.036	-.145	-.449
210	464	.221	.156	.763	-.451	210	534	-.367	.084	-.071	-.842	210	584	-.251	.039	-.127	-.395
210	465	.065	.059	.364	-.108	210	535	-.349	.074	-.122	-.762	210	585	-.244	.039	-.111	-.421
210	466	.060	.064	.437	-.115	210	536	-.329	.075	-.059	-.704	210	586	-.250	.043	-.106	-.435
210	467	.076	.069	.340	-.119	210	537	-.249	.081	.025	-.613	210	601	-.203	.052	-.027	-.407
210	468	.070	.072	.392	-.136	210	538	-.278	.122	.115	-.795	210	602	-.167	.050	-.039	-.374
210	469	.049	.066	.447	-.127	210	539	-.415	.206	.211	-1.053	210	603	-.225	.056	-.036	-.446
210	470	.011	.062	.345	-.198	210	540	-.625	.187	.166	-1.311	210	604	-.218	.051	-.022	-.402
210	471	-.096	.068	.252	-.325	210	541	-.635	.125	-.153	-1.140	210	605	-.231	.050	-.092	-.509
210	472	-.234	.079	.108	-.514	210	542	-.633	.140	-.026	-1.219	210	606	-.240	.062	-.055	-.736
210	473	.184	.093	.647	-.058	210	543	.472	.160	1.132	.056	210	607	-.247	.065	-.061	-.701
210	474	.183	.092	.587	-.039	210	544	.434	.156	1.057	.012	210	608	-.172	.039	-.026	-.317
210	475	.194	.094	.670	-.008	210	545	.431	.150	.920	-.019	210	609	-.179	.036	-.068	-.324
210	476	.221	.113	.766	-.034	210	546	.423	.148	.944	.010	210	610	-.187	.038	-.044	-.335
210	477	.217	.121	.777	-.046	210	547	-.390	.098	-.171	-.877	210	611	-.184	.034	-.063	-.293
210	478	.177	.117	.670	-.148	210	548	-.358	.080	-.150	-.796	210	612	-.172	.031	-.063	-.319
210	479	.013	.106	.475	-.430	210	549	-.330	.060	-.150	-.574	210	613	-.178	.039	-.049	-.359
210	480	-.451	.164	.031	-1.211	210	550	-.300	.061	-.071	-.588	210	614	-.195	.046	-.058	-.568
210	501	-.282	.089	.136	-.645	210	551	-.279	.075	-.029	-.773	210	615	-.137	.037	-.005	-.349
210	502	-.248	.099	.398	-.638	210	552	-.391	.155	-.005	-1.097	210	616	-.138	.035	-.022	-.267
210	503	-.254	.184	.354	-.882	210	553	-.655	.204	-.068	-1.470	210	617	-.139	.034	-.012	-.289
210	504	-.589	.122	.195	-1.076	210	554	-.655	.155	-.231	-1.373	210	618	-.136	.032	-.030	-.270
210	505	-.542	.154	.057	-1.137	210	555	-.669	.161	-.224	-1.531	210	619	-.137	.031	-.027	-.252
210	506	-.802	.218	.058	-1.414	210	556	.413	.145	.946	.047	210	620	-.144	.033	-.034	-.271
210	507	-.295	.088	.148	-.591	210	557	.380	.135	.911	.001	210	621	-.141	.033	-.050	-.333
210	508	-.315	.117	.274	-.762	210	558	.197	.138	.652	-.268	210	701	-.156	.050	-.022	-.418
210	509	-.495	.161	.166	-1.219	210	559	-.130	.161	.654	-.655	210	702	-.275	.055	-.107	-.660
210	510	-.647	.184	.494	-1.269	210	560	-.332	.066	-.173	-.625	210	703	-.247	.046	-.081	-.499
210	511	-.338	.086	.305	-.720	210	561	-.330	.061	-.173	-.590	210	704	-.274	.051	-.152	-.494
210	512	-.336	.077	.071	-.762	210	562	-.290	.046	-.136	-.495	210	705	-.268	.054	-.105	-.494



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	707	-166	.098	.330	-480	210	940	-318	.088	.013	-814	220	101	-299	.090	-052	-699
210	708	-259	.052	-061	-787	210	941	-363	.110	.132	-831	220	102	-316	.091	-097	-765
210	709	-264	.052	-033	-501	210	942	-334	.077	-095	-766	220	103	-300	.090	-091	-697
210	710	-251	.045	-059	-452	210	943	-421	.114	-073	-1000	220	104	-338	.107	-046	-1163
210	711	-261	.044	-133	-484	210	944	-399	.080	-171	-828	220	105	-327	.096	-076	-1110
210	712	-236	.052	-110	-484	210	945	-394	.101	-098	-876	220	106	-301	.091	-063	-832
210	713	-183	.082	-209	-531	210	946	-327	.099	.151	-762	220	107	-312	.096	-033	-858
210	714	-169	.107	-325	-612	210	947	-251	.049	-087	-478	220	108	-317	.101	-044	-828
210	801	-150	.073	-419	-033	210	948	-259	.060	-052	-604	220	109	-337	.108	-042	-893
210	802	-186	.069	-042	-601	210	949	-224	.081	.125	-713	220	110	-376	.115	-106	-923
210	803	-262	.065	-089	-743	210	950	-286	.087	-028	-734	220	111	-274	.111	-035	-1138
210	901	-370	.143	-989	-038	210	951	-205	.071	.063	-550	220	112	-265	.101	-012	-805
210	902	-453	.194	-277	-1126	210	1101	-201	.066	.303	-512	220	113	-258	.091	-014	-636
210	903	-618	.176	-042	-1288	210	1102	-203	.075	.279	-463	220	114	-261	.092	-002	-754
210	904	-224	.089	-139	-576	210	1103	-206	.102	.671	-671	220	115	-237	.088	-025	-673
210	905	-323	.070	-149	-678	210	1104	-224	.075	.047	-645	220	116	-247	.089	-002	-728
210	906	-269	.049	-145	-476	210	1105	-220	.052	-019	-512	220	117	-274	.106	-053	-897
210	907	-286	.054	-128	-614	210	1106	-209	.061	.051	-480	220	118	-282	.098	-002	-1043
210	908	-253	.064	-148	-512	210	1107	-223	.054	.026	-573	220	119	-286	.102	-063	-1017
210	909	-290	.086	-026	-719	210	1108	-199	.048	.047	-494	220	120	-277	.082	-026	-821
210	910	-260	.099	-053	-793	210	1109	-190	.041	-058	-440	220	121	-260	.089	-065	-839
210	911	-458	.197	-222	-1267	210	1110	-206	.051	-044	-463	220	122	-258	.086	-002	-865
210	912	-263	.068	-083	-664	210	1111	-204	.047	-035	-626	220	123	-258	.093	-000	-1110
210	913	-422	.153	1.037	-015	210	1112	-212	.065	.259	-442	220	124	-251	.096	-004	-687
210	914	-727	.155	-278	-1588	210	1113	-211	.055	.000	-503	220	125	-262	.094	-127	-862
210	915	-441	.118	-040	-981	210	1201	-042	.120	.589	-291	220	126	-272	.097	-048	-802
210	916	-259	.088	-032	-578	210	1202	-276	.142	.894	-123	220	127	-274	.091	-039	-1022
210	917	-287	.087	-029	-659	210	1203	-031	.114	.463	-377	220	128	-273	.079	-074	-791
210	918	-255	.044	-138	-516	210	1204	-445	.094	-182	-829	220	129	-271	.058	-023	-548
210	919	-278	.052	-145	-569	210	1205	-292	.063	-072	-571	220	130	-258	.056	-065	-509
210	920	-254	.050	-068	-454	210	1206	-260	.050	-116	-505	220	131	-254	.060	-030	-617
210	921	-268	.058	-092	-769	210	1207	-263	.049	-119	-470	220	132	-265	.071	-033	-647
210	922	-251	.068	-042	-654	210	1208	-343	.085	-112	-785	220	133	-266	.072	-019	-668
210	923	-446	.150	-925	-005	210	1209	-363	.094	-056	-952	220	134	-294	.093	-009	-738
210	924	-674	.195	-052	-1765	210	1210	-467	.100	-149	-987	220	135	-300	.090	-011	-717
210	925	-246	.053	-078	-500	210	1211	-530	.152	.298	-1074	220	136	-280	.070	-079	-636
210	926	-461	.135	-054	-1036	210	1301	-292	.134	.904	-102	220	137	-280	.074	-086	-798
210	927	-575	.147	-152	-1231	210	1302	-312	.136	.871	-054	220	138	-291	.060	-070	-525
210	928	-751	.146	-264	-1348	210	1303	-268	.136	.871	-326	220	139	-261	.054	-081	-469
210	929	-559	.149	-154	-1298	210	1304	-221	.075	.058	-473	220	140	-247	.048	-086	-536
210	930	-315	.080	-085	-645	210	1305	-321	.127	.789	-079	220	141	-256	.048	-127	-509
210	931	-327	.084	-018	-693	210	1306	-212	.059	.023	-403	220	142	-285	.059	-127	-546
210	932	-266	.048	-130	-469	210	1307	-247	.068	.047	-529	220	143	-308	.074	-088	-745
210	933	-281	.059	-140	-626	210	1308	-096	.064	.151	-352	220	144	-327	.081	-100	-795
210	934	-261	.056	-088	-514	210	1309	-129	.079	.204	-484	220	145	-298	.060	-123	-590
210	935	-270	.064	-123	-688	210	1310	-310	.123	.203	-808	220	146	-298	.056	-097	-520
210	936	-239	.070	-001	-531	210	1311	-050	.069	.231	-389	220	147	-294	.053	-125	-472
210	937	-369	.123	-015	-1012	210	1312	-239	.176	.422	-1004	220	148	-268	.044	-095	-428
210	938	-358	.106	-070	-793	210	1313	-215	.133	.303	-852	220	149	-263	.044	-125	-468
210	939	-250	.063	-078	-602	210	1314	-225	.121	.729	-121	220	150	-261	.044	-125	-468

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	151	-276	.049	-148	-503	220	223	-330	.122	.025	-1.201	220	273	-384	.106	-134	-1.040
220	152	-286	.053	-134	-526	220	224	-330	.124	.032	-1.089	220	274	-399	.110	-120	-1.142
220	153	-302	.056	-144	-561	220	225	-320	.120	.009	-1.194	220	275	-392	.102	-103	-1.886
220	154	-303	.063	-118	-692	220	226	-255	.051	-0.92	-4.53	220	276	-343	.082	-125	-1.714
220	155	-306	.064	-151	-636	220	227	-260	.051	-1.06	-4.63	220	277	-283	.065	-094	-1.662
220	156	-284	.048	-139	-489	220	228	-275	.050	-1.27	-4.46	220	278	-247	.053	-091	-1.574
220	157	-310	.058	-146	-517	220	229	-283	.056	-0.92	-5.21	220	279	-234	.049	-072	-1.453
220	158	-318	.059	-162	-584	220	230	-283	.058	-1.20	-6.67	220	280	-234	.078	-018	-1.617
220	159	-192	.044	-067	-365	220	231	-296	.060	-1.34	-5.59	220	281	-221	.069	-020	-1.541
220	160	-202	.044	-067	-367	220	232	-321	.075	-1.23	-7.06	220	282	-206	.060	-025	-1.496
220	161	-187	.046	-043	-365	220	233	-311	.070	-1.06	-6.78	220	283	-146	.040	-001	-1.349
220	162	-221	.047	-083	-489	220	234	-315	.079	-0.34	-7.25	220	284	-166	.046	-023	-1.381
220	163	-227	.048	-071	-430	220	235	-330	.106	-0.04	-8.89	220	285	-239	.051	-083	-1.449
220	164	-231	.043	-106	-400	220	236	-349	.115	-0.57	-9.10	220	286	-233	.061	-041	-1.547
220	165	-249	.051	-102	-563	220	237	-266	.050	-1.13	-4.74	220	287	-249	.074	-053	-1.763
220	166	-238	.050	-092	-454	220	238	-267	.051	-1.23	-4.37	220	288	-232	.075	-023	-1.623
220	167	-265	.049	-130	-498	220	239	-280	.050	-1.39	-5.08	220	289	-224	.071	-018	-1.551
220	168	-305	.062	-120	-636	220	240	-289	.053	-1.39	-5.84	220	290	-179	.045	-046	-1.446
220	169	-313	.071	-120	-640	220	241	-287	.056	-1.15	-5.55	220	291	-135	.037	-003	-1.279
220	170	-197	.053	-025	-388	220	242	-314	.056	-1.27	-5.29	220	292	-118	.036	-019	-1.246
220	171	-231	.053	-025	-460	220	243	-323	.060	-1.46	-5.36	220	293	-418	.154	-035	-1.299
220	172	-233	.050	-067	-491	220	244	-315	.056	-1.65	-5.84	220	294	-202	.123	-320	-1.877
220	173	-240	.050	-041	-442	220	245	-331	.065	-1.58	-6.76	220	295	-194	.067	-066	-1.470
220	174	-249	.048	-111	-456	220	246	-353	.082	-1.55	-7.66	220	296	-246	.090	-133	-1.728
220	175	-260	.051	-083	-486	220	247	-376	.098	-1.01	-9.10	220	297	-221	.048	-023	-1.409
220	176	-267	.049	-055	-474	220	248	-326	.059	-1.29	-5.74	220	298	-278	.060	-102	-1.565
220	177	-268	.051	-109	-556	220	249	-333	.059	-1.46	-6.10	220	299	-218	.045	-001	-1.372
220	178	-278	.052	-128	-570	220	250	-343	.064	-1.65	-6.50	220	300	-218	.044	-062	-1.379
220	201	-345	.143	-114	-267	220	251	-365	.067	-1.62	-7.07	220	301	-169	.042	-017	-1.335
220	202	-386	.162	-097	-346	220	252	-350	.068	-1.46	-6.66	220	302	-246	.065	-062	-1.512
220	203	-615	.193	-087	-504	220	253	-336	.061	-1.55	-5.88	220	303	-161	.037	-023	-1.297
220	204	-340	.108	-049	-805	220	254	-366	.071	-1.72	-7.11	220	304	-128	.035	-001	-1.265
220	205	-322	.102	-003	-800	220	255	-366	.075	-1.72	-7.49	220	305	-120	.035	-028	-1.251
220	206	-317	.100	-017	-761	220	256	-367	.070	-1.69	-6.97	220	401	-407	.180	1.251	-1.491
220	207	-424	.153	-092	-1.096	220	257	-397	.085	-1.62	-7.75	220	402	-229	.183	1.172	-1.552
220	208	-379	.126	-071	-1.007	220	258	-397	.090	-1.62	-1.014	220	403	-010	.160	.617	-1.762
220	209	-350	.110	-012	-835	220	259	-369	.069	-1.91	-8.25	220	404	-168	.235	.720	-1.956
220	210	-347	.112	-005	-849	220	260	-398	.090	-1.46	-9.36	220	405	-373	.193	1.095	-1.705
220	211	-351	.085	-066	-901	220	261	-363	.071	-1.39	-7.56	220	406	-011	.233	.827	-1.898
220	212	-331	.095	-069	-910	220	262	-401	.074	-1.95	-7.92	220	407	-149	.131	.327	-1.644
220	213	-321	.099	-044	-770	220	263	-404	.073	-2.14	-7.40	220	408	-253	.119	.224	-1.814
220	214	-318	.098	-043	-828	220	264	-403	.076	-1.81	-8.23	220	409	-093	.213	.775	-1.128
220	215	-255	.054	-085	-477	220	265	-430	.083	-1.91	-9.12	220	410	-204	.322	1.311	-1.013
220	216	-258	.055	-078	-458	220	266	-450	.099	-2.24	-9.72	220	411	-201	.239	.729	-1.228
220	217	-273	.054	-095	-531	220	267	-428	.095	-1.62	-9.20	220	412	-380	.309	1.261	-1.724
220	218	-287	.068	-095	-739	220	268	-379	.076	-1.36	-7.09	220	413	-217	.198	.463	-1.063
220	219	-292	.069	-099	-702	220	269	-354	.080	-0.84	-7.52	220	414	-188	.133	.687	-1.218
220	220	-304	.076	-099	-674	220	270	-367	.089	-1.36	-7.30	220	415	-301	.157	.960	-1.344
220	221	-331	.099	-053	-999	220	271	-374	.093	-1.03	-8.39	220	416	-286	.141	.817	-1.146
220	222	-326	.100	-072	-922	220	272	-372	.093	-1.10	-9.36	220	417	-202	.121	.619	-1.228

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	418	.115	.093	.414	-.169	220	468	.071	.066	.381	-.110	220	538	-.194	.099	.133	-.673
220	419	-.030	.070	.225	-.319	220	469	.051	.066	.336	-.145	220	539	-.263	.190	.217	-1.027
220	420	.239	.177	.873	-.381	220	470	.011	.061	.329	-.222	220	540	-.575	.245	.295	-1.333
220	421	.338	.164	.946	-.186	220	471	-.079	.061	.189	-.309	220	541	-.613	.133	-.135	-1.178
220	422	.351	.147	.801	-.095	220	472	-.192	.073	.095	-.532	220	542	-.610	.159	.027	-1.298
220	423	.439	.158	.985	-.022	220	473	.162	.091	.559	-.090	220	543	.498	.156	1.025	.074
220	424	.459	.177	1.121	-.011	220	474	.188	.102	.711	-.072	220	544	.495	.160	1.016	.036
220	425	.447	.146	.941	-.005	220	475	.197	.091	.583	-.025	220	545	.473	.163	1.171	-.039
220	426	.314	.124	.706	-.043	220	476	.203	.091	.646	-.053	220	546	.458	.158	1.078	-.084
220	427	.162	.097	.534	-.098	220	477	.214	.105	.750	-.037	220	547	-.339	.068	-.173	-.646
220	428	-.034	.063	.229	-.240	220	478	.161	.097	.566	-.076	220	548	-.314	.056	-.175	-.576
220	429	.213	.148	.867	-.254	220	479	.016	.086	.434	-.314	220	549	-.290	.052	-.112	-.497
220	430	.374	.158	.997	-.117	220	480	-.380	.155	.094	-1.150	220	550	-.259	.056	-.077	-.581
220	431	.490	.169	1.127	-.060	220	501	-.207	.099	.220	-.570	220	551	-.232	.071	-.029	-.611
220	432	.488	.158	1.039	-.023	220	502	-.164	.107	.278	-.631	220	552	-.295	.134	.057	-.996
220	433	.457	.173	.941	-.004	220	503	-.101	.173	.501	-.795	220	553	-.509	.170	.041	-1.319
220	434	.411	.146	.899	-.023	220	504	-.507	.157	.119	-1.091	220	554	-.583	.153	-.140	-1.525
220	435	.295	.121	.750	-.024	220	505	-.410	.156	.163	-1.094	220	555	-.566	.144	-.214	-1.282
220	436	.149	.089	.460	-.119	220	506	-.623	.258	.407	-1.575	220	556	.452	.155	1.073	.020
220	437	-.041	.063	.195	-.243	220	507	-.227	.103	.252	-.649	220	557	.443	.158	1.145	.043
220	438	.442	.172	.992	-.150	220	508	-.229	.157	.393	-.894	220	558	.221	.138	.744	-.284
220	439	.472	.165	1.066	-.150	220	509	-.342	.170	.403	-1.182	220	559	.150	.171	.734	-.530
220	440	.418	.161	.964	-.131	220	510	-.506	.217	.487	-1.182	220	560	-.324	.059	-.122	-.625
220	441	.110	.134	.753	-.277	220	511	-.305	.106	.189	-1.060	220	561	-.330	.063	-.182	-.720
220	442	.256	.140	.978	-.077	220	512	-.310	.109	-.046	-1.077	220	562	-.275	.046	-.152	-.451
220	443	.443	.158	1.029	-.002	220	513	-.244	.105	.196	-.943	220	563	-.243	.044	-.098	-.435
220	444	.400	.160	.976	-.063	220	514	-.205	.099	.170	-.652	220	564	-.207	.048	-.036	-.414
220	445	.374	.140	.841	-.010	220	515	-.200	.117	.283	-.818	220	565	-.260	.061	-.038	-.518
220	446	.307	.124	.867	-.032	220	516	-.400	.215	.245	-1.467	220	566	-.138	.062	.138	-.374
220	447	.212	.110	.706	-.033	220	517	-.110	.227	.931	-.680	220	567	-.174	.101	.201	-.616
220	448	.070	.086	.443	-.159	220	518	-.313	.239	.553	-1.166	220	568	-.508	.186	.059	-1.495
220	449	-.085	.065	.192	-.303	220	519	-.194	.256	1.375	-.570	220	569	.364	.139	1.273	.055
220	450	.214	.187	.850	-.524	220	520	-.306	.205	.598	-1.359	220	570	.334	.137	.883	-.040
220	451	.321	.184	.929	-.394	220	521	.087	.108	.708	-.262	220	571	-.315	.057	-.182	-.539
220	452	.336	.167	.890	-.528	220	522	.117	.116	.555	-.241	220	572	-.295	.052	-.122	-.544
220	453	.333	.140	1.022	-.001	220	523	-.304	.091	.182	-.983	220	573	-.108	.072	.282	-.356
220	454	.378	.148	1.068	-.018	220	524	-.298	.082	-.041	-.663	220	574	-.079	.081	.264	-.347
220	455	.267	.135	.787	-.226	220	525	-.256	.084	.046	-.717	220	575	-.069	.096	.331	-.384
220	456	.236	.108	.646	-.024	220	526	-.182	.081	.170	-.570	220	576	-.082	.099	.366	-.354
220	457	.219	.106	.804	-.031	220	527	-.191	.109	.297	-.814	220	577	-.107	.094	.324	-.380
220	458	.177	.096	.571	-.054	220	528	-.237	.194	.377	-1.138	220	578	-.234	.058	.057	-.458
220	459	.111	.088	.474	-.112	220	529	-.347	.246	.342	-1.556	220	579	-.185	.056	.080	-.391
220	460	-.027	.075	.292	-.236	220	530	-.498	.267	.389	-1.396	220	580	-.196	.054	-.038	-.363
220	461	.160	.074	.188	-.412	220	531	-.703	.286	.339	-2.037	220	581	-.179	.045	-.019	-.372
220	462	.111	.173	.683	-.705	220	532	-.416	.157	1.006	-.018	220	582	-.092	.056	.062	-.323
220	463	.111	.171	.750	-.570	220	533	.419	.152	1.001	-.067	220	583	-.224	.047	-.064	-.425
220	464	.158	.167	.760	-.487	220	534	-.314	.081	-.098	-.741	220	584	-.200	.044	-.052	-.386
220	465	.060	.057	.327	-.184	220	535	-.302	.072	-.081	-.631	220	585	-.202	.048	-.013	-.372
220	466	.056	.061	.322	-.201	220	536	-.284	.070	-.039	-.593	220	586	-.208	.050	-.020	-.374
220	467	.069	.064	.413	-.150	220	537	-.196	.068	.133	-.573	220	601	-.153	.041	.001	-.335

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	602	-152	.043	-.005	-.389	220	915	-.354	.159	.240	-.956	220	1201	.003	.123	.527	-.338
220	603	-180	.044	-.043	-.354	220	916	-.194	.115	.247	-.589	220	1202	.264	.150	.889	-.219
220	604	-204	.053	-.043	-.507	220	917	-.245	.102	.209	-.707	220	1203	.042	.124	.656	-.432
220	605	-200	.059	-.013	-.474	220	918	-.254	.049	-.136	-.470	220	1204	-.392	.098	-.063	-.884
220	606	-226	.075	-.029	-.609	220	919	-.265	.055	-.100	-.587	220	1205	-.240	.057	-.056	-.450
220	607	-236	.078	-.028	-.644	220	920	-.220	.051	-.048	-.431	220	1206	-.242	.057	-.056	-.460
220	608	-112	.037	.023	-.271	220	921	-.258	.054	-.093	-.472	220	1207	-.244	.050	-.105	-.446
220	609	-114	.036	.056	-.259	220	922	-.215	.066	.031	-.587	220	1208	-.347	.083	-.093	-.765
220	610	-121	.033	.007	-.240	220	923	-.468	.157	1.004	.039	220	1209	-.365	.098	-.043	-.821
220	611	-135	.036	-.005	-.357	220	924	-.625	.179	.015	-1.531	220	1210	-.456	.100	-.159	-.917
220	612	-150	.041	-.021	-.350	220	925	-.240	.053	-.088	-.481	220	1211	-.447	.179	.203	-1.113
220	613	-174	.058	-.000	-.485	220	926	-.427	.128	-.074	-1.049	220	1301	.273	.143	.926	-.107
220	614	-188	.069	.016	-.756	220	927	-.547	.144	-.120	-1.109	220	1302	.291	.137	.847	-.231
220	615	-089	.033	.040	-.232	220	928	-.675	.141	-.031	-1.308	220	1303	.279	.144	.947	-.215
220	616	-087	.030	.025	-.218	220	929	-.480	.175	.132	-1.253	220	1304	-.163	.076	.110	-.502
220	617	-091	.030	.052	-.193	220	930	-.258	.094	.089	-.714	220	1305	-.316	.129	.840	-.040
220	618	-096	.029	.008	-.203	220	931	-.299	.093	.122	-.714	220	1306	-.172	.063	.091	-.420
220	619	-109	.031	.020	-.213	220	932	-.236	.047	-.105	-.501	220	1307	-.198	.065	.005	-.572
220	620	-132	.046	-.006	-.416	220	933	-.245	.052	-.103	-.474	220	1308	-.081	.067	.175	-.308
220	621	-142	.051	.022	-.446	220	934	-.225	.048	-.088	-.520	220	1309	-.101	.073	.195	-.405
220	701	-137	.040	.017	-.323	220	935	-.229	.048	-.086	-.515	220	1310	-.244	.120	.224	-.614
220	702	-281	.070	-.046	-.613	220	936	-.243	.072	-.041	-.561	220	1311	-.029	.081	.268	-.292
220	703	-231	.050	-.084	-.484	220	937	-.372	.144	-.048	-1.291	220	1312	-.167	.177	.523	-.796
220	704	-246	.051	-.119	-.479	220	938	-.316	.116	.168	-.791	220	1313	-.136	.133	.516	-.651
220	705	-230	.051	-.095	-.448	220	939	-.216	.052	-.033	-.496	220	1314	-.252	.135	.777	-.149
220	707	-200	.074	.135	-.524	220	940	-.275	.082	.031	-.640	230	101	-.271	.079	-.071	-.691
220	708	-264	.089	.061	-.689	220	941	-.262	.115	.163	-.894	230	102	-.273	.079	-.003	-.596
220	709	-223	.072	.110	-.535	220	942	-.284	.074	-.005	-.757	230	103	-.293	.081	-.073	-.735
220	710	-215	.046	-.026	-.401	220	943	-.356	.117	-.019	-.918	230	104	-.295	.105	-.033	-1.107
220	711	-235	.044	-.103	-.401	220	944	-.332	.066	-.112	-.678	230	105	-.268	.087	-.023	-.671
220	712	-230	.049	-.073	-.493	220	945	-.321	.097	.043	-.709	230	106	-.278	.091	-.021	-.812
220	713	-214	.069	.038	-.798	220	946	-.273	.101	.091	-.793	230	107	-.261	.071	-.060	-.624
220	714	-213	.081	.078	-.699	220	947	-.218	.051	-.071	-.493	230	108	-.266	.078	-.054	-.633
220	801	-131	.068	.459	-.029	220	948	-.212	.066	.013	-.512	230	109	-.277	.083	.014	-.717
220	802	-187	.071	.032	-.559	220	949	-.210	.082	.006	-.807	230	110	-.303	.096	.004	-.893
220	803	-245	.060	-.055	-.528	220	950	-.214	.060	.006	-.559	230	111	-.242	.085	.007	-.824
220	901	-382	.156	1.198	-.009	220	951	-.202	.063	.013	-.509	230	112	-.237	.083	-.009	-.763
220	902	-332	.186	.393	-1.095	220	1101	-.187	.055	.180	-.574	230	113	-.234	.075	-.016	-.777
220	903	-490	.208	.436	-1.330	220	1102	-.190	.055	.285	-.439	230	114	-.231	.069	-.014	-.705
220	904	-178	.131	.281	-.632	220	1103	-.194	.065	.364	-.490	230	115	-.229	.075	.021	-.745
220	905	-324	.070	-.072	-.774	220	1104	-.181	.057	.107	-.436	230	116	-.250	.092	.011	-.803
220	906	-260	.051	-.105	-.520	220	1105	-.168	.043	.012	-.434	230	117	-.256	.092	.004	-.826
220	907	-302	.061	-.124	-.561	220	1106	-.159	.049	-.058	-.411	230	118	-.324	.125	-.040	-1.118
220	908	-213	.106	.269	-.755	220	1107	-.180	.043	-.014	-.401	230	119	-.317	.129	-.049	-1.162
220	909	-314	.113	.070	-.831	220	1108	-.162	.044	-.021	-.481	230	120	-.247	.068	-.056	-.594
220	910	-220	.118	.189	-.764	220	1109	-.161	.037	-.033	-.359	230	121	-.237	.067	-.042	-.548
220	911	-325	.191	.309	-.982	220	1110	-.189	.055	.012	-.548	230	122	-.234	.064	-.051	-.517
220	912	-240	.067	-.005	-.592	220	1111	-.183	.041	.002	-.411	230	123	-.232	.061	-.033	-.543
220	913	-460	.165	1.043	-.048	220	1112	-.187	.051	.152	-.446	230	124	-.235	.072	-.049	-.596
220	914	-641	.193	.434	-1.263	220	1113	-.180	.048	.007	-.541	230	125	-.249	.086	.067	-.761

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	126	-260	.096	-.025	-.849	230	176	-.237	.034	-.099	-.420	230	248	-.252	.054	-.087	-.537
230	127	-.286	.090	-.063	-.981	230	177	-.240	.039	-.043	-.420	230	249	-.253	.057	-.080	-.478
230	128	-.295	.095	-.014	-1.065	230	178	-.243	.038	-.087	-.441	230	250	-.258	.050	-.125	-.476
230	129	-.237	.051	-.074	-.536	230	201	-.462	.145	-.057	-1.362	230	251	-.285	.062	-.129	-.682
230	130	-.230	.049	-.086	-.439	230	202	-.452	.173	-.019	-1.249	230	252	-.270	.056	-.115	-.497
230	131	-.237	.050	-.084	-.506	230	203	-.423	.178	-.007	-1.239	230	253	-.271	.056	-.134	-.564
230	132	-.245	.064	-.047	-.626	230	204	-.290	.104	-.038	-.871	230	254	-.284	.068	-.141	-.770
230	133	-.254	.077	-.035	-.724	230	205	-.299	.089	-.073	-.779	230	255	-.288	.064	-.146	-.765
230	134	-.269	.100	-.000	-.898	230	206	-.304	.088	-.083	-.756	230	256	-.279	.051	-.129	-.545
230	135	-.288	.109	-.014	-.851	230	207	-.332	.136	-.089	-1.164	230	257	-.289	.060	-.110	-.564
230	136	-.293	.088	-.093	-.856	230	208	-.292	.119	-.120	-.939	230	258	-.302	.064	-.144	-.590
230	137	-.289	.081	-.049	-.763	230	209	-.263	.107	-.047	-.998	230	259	-.287	.060	-.146	-.611
230	138	-.245	.056	-.067	-.638	230	210	-.267	.105	-.085	-.876	230	260	-.319	.083	-.134	-.779
230	139	-.244	.055	-.058	-.657	230	211	-.280	.077	-.033	-.669	230	261	-.298	.067	-.120	-.601
230	140	-.245	.058	-.093	-.615	230	212	-.274	.092	-.021	-.822	230	262	-.320	.070	-.158	-.713
230	141	-.276	.068	-.037	-.659	230	213	-.261	.094	-.023	-.838	230	263	-.315	.063	-.151	-.616
230	142	-.302	.089	-.067	-.817	230	214	-.270	.092	-.009	-.662	230	264	-.318	.068	-.127	-.753
230	143	-.331	.113	-.047	-.988	230	215	-.208	.063	-.014	-.493	230	265	-.334	.077	-.179	-.787
230	144	-.329	.110	-.003	-1.014	230	216	-.205	.061	-.007	-.535	230	266	-.354	.091	-.158	-1.107
230	145	-.318	.082	-.114	-.819	230	217	-.217	.067	-.009	-.542	230	267	-.339	.087	-.087	-.827
230	146	-.335	.086	-.112	-.886	230	218	-.229	.074	-.026	-.552	230	268	-.289	.066	-.053	-.533
230	147	-.227	.044	-.051	-.439	230	219	-.230	.076	-.002	-.554	230	269	-.263	.063	-.063	-.692
230	148	-.213	.046	-.079	-.415	230	220	-.233	.081	-.026	-.791	230	270	-.271	.066	-.110	-.668
230	149	-.222	.046	-.085	-.444	230	221	-.256	.105	-.059	-.965	230	271	-.300	.084	-.106	-.789
230	150	-.222	.043	-.102	-.444	230	222	-.250	.101	-.070	-.894	230	272	-.298	.088	-.110	-.815
230	151	-.245	.050	-.111	-.500	230	223	-.251	.105	-.038	-.908	230	273	-.300	.090	-.087	-.945
230	152	-.264	.060	-.088	-.537	230	224	-.256	.107	-.021	-.864	230	274	-.299	.093	-.108	-.794
230	153	-.269	.066	-.034	-.568	230	225	-.253	.109	-.052	-1.080	230	275	-.289	.082	-.115	-.789
230	154	-.327	.084	-.158	-.863	230	226	-.199	.052	-.014	-.446	230	276	-.260	.069	-.080	-.604
230	155	-.319	.077	-.083	-.793	230	227	-.202	.053	-.007	-.437	230	277	-.213	.050	-.035	-.462
230	156	-.272	.059	-.099	-.542	230	228	-.206	.053	-.026	-.401	230	278	-.185	.045	-.053	-.402
230	157	-.288	.060	-.104	-.498	230	229	-.216	.054	-.054	-.439	230	279	-.174	.037	-.061	-.352
230	158	-.299	.064	-.118	-.542	230	230	-.218	.056	-.023	-.521	230	280	-.161	.059	-.013	-.537
230	159	-.145	.039	-.001	-.287	230	231	-.223	.057	-.054	-.451	230	281	-.152	.052	-.035	-.471
230	160	-.147	.038	-.013	-.317	230	232	-.242	.068	-.037	-.674	230	282	-.143	.044	-.030	-.523
230	161	-.134	.037	-.013	-.289	230	233	-.231	.065	-.005	-.594	230	283	-.115	.028	-.020	-.295
230	162	-.168	.037	-.062	-.373	230	234	-.236	.078	-.052	-.878	230	284	-.170	.035	-.046	-.334
230	163	-.170	.035	-.074	-.331	230	235	-.245	.090	-.009	-.885	230	285	-.230	.040	-.115	-.415
230	164	-.179	.034	-.069	-.357	230	236	-.258	.102	-.030	-1.547	230	286	-.222	.041	-.076	-.475
230	165	-.192	.036	-.099	-.348	230	237	-.199	.046	-.036	-.561	230	287	-.234	.053	-.064	-.594
230	166	-.206	.042	-.102	-.409	230	238	-.196	.044	-.030	-.366	230	288	-.223	.060	-.064	-.657
230	167	-.209	.041	-.095	-.406	230	239	-.208	.046	-.065	-.447	230	289	-.212	.049	-.097	-.466
230	168	-.246	.061	-.111	-.535	230	240	-.217	.043	-.053	-.447	230	290	-.182	.034	-.076	-.362
230	169	-.256	.067	-.116	-.697	230	241	-.213	.041	-.068	-.352	230	291	-.146	.029	-.018	-.257
230	170	-.146	.042	-.008	-.385	230	242	-.230	.043	-.089	-.502	230	292	-.136	.028	-.032	-.241
230	171	-.220	.039	-.066	-.385	230	243	-.238	.045	-.115	-.514	230	293	-.315	.125	-.017	-1.068
230	172	-.218	.034	-.115	-.355	230	244	-.242	.044	-.110	-.407	230	294	-.152	.085	-.236	-.601
230	173	-.228	.036	-.085	-.378	230	245	-.239	.045	-.125	-.428	230	295	-.182	.046	-.020	-.394
230	174	-.226	.033	-.104	-.399	230	246	-.248	.053	-.075	-.504	230	296	-.258	.071	-.038	-.605
230	175	-.232	.034	-.090	-.371	230	247	-.260	.061	-.113	-.609	230	297	-.220	.039	-.052	-.385

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	298	- .261	.044	- .090	- .468	230	443	.404	.182	1.019	- .075	230	513	- .288	.126	.297	- .902
230	299	- .213	.034	- .090	- .408	230	444	.353	.188	.956	- .239	230	514	- .270	.140	.344	- .954
230	300	- .210	.030	- .057	- .324	230	445	.283	.152	.807	- .087	230	515	- .252	.162	.478	- 1.263
230	301	- .175	.034	- .029	- .285	230	446	.256	.124	.720	- .073	230	516	- .340	.235	.372	- 1.402
230	302	- .220	.044	- .108	- .478	230	447	.164	.093	.559	- .094	230	517	- .007	.229	.902	- .994
230	303	- .163	.027	- .066	- .276	230	448	.042	.074	.319	- .176	230	518	- .253	.233	.520	- 1.284
230	304	- .140	.026	- .018	- .241	230	449	- .087	.053	.109	- .332	230	519	- .098	.317	1.164	- .982
230	305	- .134	.027	- .013	- .222	230	450	.138	.258	1.012	- .734	230	520	- .319	.266	.529	- 1.397
230	401	- .296	.294	1.338	- .776	230	451	.201	.249	1.136	- .850	230	521	- .097	.158	.881	- .495
230	402	- .145	.261	.989	- .837	230	452	.197	.205	.795	- .951	230	522	- .073	.167	.625	- .715
230	403	- .019	.196	.774	- .636	230	453	.260	.151	.951	- .052	230	523	- .325	.115	.084	- .959
230	404	- .231	.259	.654	- 1.407	230	454	.272	.168	1.089	- .059	230	524	- .324	.096	.007	- .832
230	405	- .288	.304	1.351	- 1.235	230	455	.142	.145	.711	- .440	230	525	- .282	.087	.096	- .673
230	406	- .001	.306	.947	- 1.086	230	456	.122	.112	.601	- .166	230	526	- .214	.084	.077	- .559
230	407	- .113	.144	.426	- .840	230	457	.122	.105	.552	- .101	230	527	- .215	.105	.178	- .656
230	408	- .231	.139	.503	- .861	230	458	.095	.088	.433	- .120	230	528	- .318	.202	.288	- 1.275
230	409	- .164	.189	.521	- 1.068	230	459	.059	.081	.508	- .162	230	529	- .467	.280	.372	- 1.680
230	410	- .071	.336	1.331	- 1.355	230	460	- .027	.063	.289	- .220	230	530	- .574	.262	.344	- 1.812
230	411	- .327	.240	.481	- 1.317	230	461	- .148	.058	.118	- .372	230	531	- .692	.296	.171	- 1.938
230	412	- .232	.363	1.343	- .849	230	462	- .063	.146	.615	- 1.081	230	532	- .394	.184	1.092	- 1.222
230	413	- .306	.233	.463	- 1.432	230	463	- .051	.166	.639	- .759	230	533	- .324	.200	1.075	- .551
230	414	- .180	.173	.968	- .502	230	464	- .015	.187	.590	- .941	230	534	- .330	.100	- .045	- .940
230	415	- .285	.218	.943	- .764	230	465	- .001	.049	.263	- .201	230	535	- .317	.083	- .061	- .727
230	416	- .263	.163	.879	- .437	230	466	- .006	.050	.228	- .173	230	536	- .277	.070	- .010	- .605
230	417	- .197	.128	.708	- .331	230	467	- .008	.060	.422	- .173	230	537	- .182	.080	.087	- .664
230	418	- .096	.096	.523	- .512	230	468	.020	.057	.277	- .120	230	538	- .213	.099	.222	- .961
230	419	- .034	.062	.261	- .357	230	469	.023	.059	.375	- .150	230	539	- .310	.183	.211	- 1.198
230	420	- .058	.193	.797	- .654	230	470	- .005	.058	.289	- .155	230	540	- .569	.220	.150	- 1.685
230	421	- .169	.197	.858	- .406	230	471	- .069	.064	.238	- .285	230	541	- .610	.153	- .143	- 1.437
230	422	- .241	.174	.929	- .284	230	472	- .161	.067	.131	- .464	230	542	- .577	.171	- .026	- 1.273
230	423	- .379	.192	1.193	- .427	230	473	- .040	.076	.380	- .155	230	543	- .452	.197	1.183	- .270
230	424	- .408	.232	1.069	- .418	230	474	- .050	.085	.438	- .176	230	544	- .467	.186	1.063	- .270
230	425	- .423	.165	1.129	- .204	230	475	- .126	.092	.566	- .078	230	545	- .443	.186	1.117	- .225
230	426	- .274	.130	.746	- .306	230	476	- .130	.095	.538	- .111	230	546	- .401	.197	1.018	- .287
230	427	- .129	.086	.410	- .267	230	477	- .150	.101	.698	- .083	230	547	- .317	.070	- .003	- .660
230	428	- .033	.056	.200	- .335	230	478	- .100	.085	.480	- .108	230	548	- .316	.061	- .162	- .625
230	429	- .151	.155	.762	- .358	230	479	- .006	.070	.317	- .201	230	549	- .283	.058	- .105	- .544
230	430	- .350	.188	1.049	- .215	230	480	- .279	.120	.119	- .803	230	550	- .257	.061	- .056	- .567
230	431	- .454	.192	1.098	- .071	230	501	- .199	.112	.410	- .710	230	551	- .242	.076	- .020	- .616
230	432	- .469	.189	1.290	- .166	230	502	- .155	.128	.459	- .621	230	552	- .317	.133	.122	- 1.014
230	433	- .428	.182	1.094	- .246	230	503	- .092	.195	.773	- .895	230	553	- .528	.182	- .007	- 1.463
230	434	- .360	.145	.816	- .276	230	504	- .339	.188	.501	- 1.174	230	554	- .590	.178	- .093	- 1.851
230	435	- .276	.108	.618	- .197	230	505	- .300	.222	.491	- 1.288	230	555	- .581	.176	- .116	- 1.659
230	436	- .119	.084	.396	- .176	230	506	- .477	.352	.642	- 1.467	230	556	- .431	.168	1.057	- .181
230	437	- .032	.051	.151	- .215	230	507	- .224	.123	.286	- .699	230	557	- .429	.166	1.045	- .234
230	438	- .430	.202	1.122	- .281	230	508	- .157	.160	.564	- .748	230	558	- .122	.169	.712	- .472
230	439	- .435	.181	.991	- .290	230	509	- .247	.226	.705	- 1.303	230	559	- .042	.204	.795	- .692
230	440	- .406	.173	.977	- .178	230	510	- .367	.256	.607	- 1.362	230	560	- .296	.056	.194	- .549
230	441	- .069	.148	.828	- .367	230	511	- .303	.129	.342	- .907	230	561	- .308	.060	- .174	- .660
230	442	- .211	.167	.877	- .187	230	512	- .362	.133	- .026	- 1.416	230	562	- .260	.046	- .093	- .540

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	563	-240	.042	-.086	-.459	230	707	-.184	.052	.104	-.394	230	940	-.248	.104	.095	-.741
230	564	-217	.044	-.061	-.371	230	708	-.216	.061	-.099	-.636	230	941	-.191	.102	.277	-.669
230	565	-244	.057	-.065	-.590	230	709	-.224	.040	-.070	-.470	230	942	-.238	.097	.147	-.729
230	566	-193	.067	-.064	-.466	230	710	-.211	.031	-.065	-.352	230	943	-.280	.118	.075	-.859
230	567	-178	.089	-.159	-.570	230	711	-.215	.032	-.100	-.375	230	944	-.262	.055	-.011	-.535
230	568	-476	.190	-.111	-1.407	230	712	-.214	.039	-.121	-.458	230	945	-.241	.092	.111	-.633
230	569	-271	.157	1.149	-.091	230	713	-.193	.049	-.090	-.590	230	946	-.198	.095	.186	-.547
230	570	-216	.140	1.004	-.128	230	714	-.195	.063	.073	-.694	230	947	-.149	.034	-.023	-.331
230	571	-284	.048	-.130	-.586	230	801	-.057	.063	.340	-.106	230	948	-.155	.046	-.005	-.338
230	572	-263	.043	-.118	-.442	230	802	-.148	.043	-.009	-.385	230	949	-.160	.058	-.023	-.545
230	573	-130	.053	.143	-.306	230	803	-.185	.042	-.049	-.368	230	950	-.138	.033	-.030	-.352
230	574	-117	.062	.159	-.334	230	901	-.242	.165	1.041	-.100	230	951	-.135	.043	.061	-.469
230	575	-113	.071	.226	-.327	230	902	-.393	.216	.270	-1.317	230	1101	-.238	.078	.242	-.722
230	576	-131	.071	.155	-.352	230	903	-.354	.192	.349	-1.205	230	1102	-.241	.059	-.002	-.610
230	577	-163	.057	.202	-.343	230	904	-.189	.119	.282	-.652	230	1103	-.249	.069	-.005	-.840
230	578	-227	.037	-.065	-.394	230	905	-.305	.072	-.076	-.794	230	1104	-.190	.069	.137	-.638
230	579	-210	.039	-.035	-.366	230	906	-.200	.039	-.095	-.451	230	1105	-.189	.044	-.007	-.363
230	580	-210	.039	-.049	-.387	230	907	-.232	.058	-.112	-.559	230	1106	-.182	.054	-.053	-.428
230	581	-192	.033	-.092	-.321	230	908	-.169	.069	.171	-.525	230	1107	-.216	.047	-.037	-.480
230	582	-132	.052	-.023	-.304	230	909	-.196	.077	.114	-.674	230	1108	-.223	.075	.030	-.715
230	583	-224	.035	-.123	-.398	230	910	-.122	.056	.162	-.470	230	1109	-.223	.067	-.023	-.640
230	584	-213	.034	-.102	-.345	230	911	-.386	.210	.380	-1.409	230	1110	-.198	.084	.181	-.691
230	585	-210	.036	-.068	-.371	230	912	-.150	.042	.116	-.412	230	1111	-.204	.091	.347	-.584
230	586	-222	.036	-.095	-.338	230	913	-.407	.194	1.250	-.090	230	1112	-.223	.070	.298	-.554
230	601	-160	.029	-.063	-.315	230	914	-.459	.209	.282	-1.298	230	1113	-.222	.076	.070	-.761
230	602	-149	.033	-.016	-.296	230	915	-.244	.154	.270	-.964	230	1201	-.136	.103	.579	-.440
230	603	-180	.031	-.056	-.331	230	916	-.163	.112	.385	-.604	230	1202	-.094	.170	.924	-.449
230	604	-191	.035	-.012	-.317	230	917	-.206	.086	.145	-.611	230	1203	-.153	.140	.537	-.698
230	605	-187	.038	-.044	-.352	230	918	-.195	.038	-.105	-.376	230	1204	-.331	.083	-.065	-.766
230	606	-205	.049	-.063	-.528	230	919	-.199	.040	-.088	-.403	230	1205	-.241	.053	-.058	-.512
230	607	-213	.053	-.044	-.670	230	920	-.162	.040	-.023	-.359	230	1206	-.247	.047	-.103	-.456
230	608	-128	.028	-.016	-.338	230	921	-.183	.039	-.054	-.386	230	1207	-.236	.039	-.100	-.389
230	609	-127	.027	-.019	-.228	230	922	-.137	.044	.174	-.395	230	1208	-.282	.062	-.107	-.561
230	610	-137	.025	-.042	-.247	230	923	-.428	.192	1.089	-.232	230	1209	-.303	.083	-.063	-.671
230	611	-144	.025	-.051	-.237	230	924	-.484	.261	.387	-1.682	230	1210	-.363	.075	-.130	-.777
230	612	-151	.026	-.009	-.244	230	925	-.164	.035	-.045	-.378	230	1211	-.268	.166	.177	-1.026
230	613	-166	.037	-.063	-.377	230	926	-.340	.157	.311	-1.296	230	1301	-.129	.150	.963	-.293
230	614	-173	.043	-.021	-.456	230	927	-.404	.175	.157	-1.092	230	1302	-.095	.146	.772	-.466
230	615	-111	.028	-.014	-.223	230	928	-.502	.195	.210	-1.125	230	1303	-.220	.148	.854	-.300
230	616	-115	.026	-.013	-.210	230	929	-.284	.174	.231	-.979	230	1304	-.217	.075	.056	-.605
230	617	-111	.028	-.007	-.215	230	930	-.197	.087	-.123	-.657	230	1305	-.197	.128	.782	-.123
230	618	-111	.024	-.016	-.200	230	931	-.245	.078	-.016	-.659	230	1306	-.211	.064	.009	-.447
230	619	-107	.024	-.007	-.196	230	932	-.169	.034	-.052	-.326	230	1307	-.229	.064	-.009	-.542
230	620	-120	.025	-.030	-.266	230	933	-.181	.036	-.076	-.388	230	1308	-.140	.067	.135	-.440
230	621	-122	.026	-.021	-.243	230	934	-.164	.036	-.050	-.335	230	1309	-.173	.075	.127	-.516
230	701	-112	.028	-.004	-.236	230	935	-.170	.034	-.052	-.371	230	1310	-.305	.107	.149	-.898
230	702	-250	.052	-.111	-.615	230	936	-.148	.044	-.066	-.419	230	1311	-.166	.089	.195	-.510
230	703	-210	.039	-.092	-.424	230	937	-.282	.123	.104	-.892	230	1312	-.345	.168	.344	-.945
230	704	-216	.033	-.113	-.403	230	938	-.222	.115	.243	-.787	230	1313	-.172	.152	.591	-.775
230	705	-215	.038	-.106	-.436	230	939	-.147	.033	-.016	-.357	230	1314	-.125	.152	.759	-.326

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	101	-.213	.076	.003	-.608	240	151	-.173	.028	-.084	-.322	240	223	-.184	.073	.047	-.676
240	102	-.212	.069	.023	-.683	240	152	-.179	.032	-.068	-.326	240	224	-.187	.076	.005	-1.277
240	103	-.222	.079	.021	-.663	240	153	-.188	.041	-.023	-.506	240	225	-.188	.071	.056	-.609
240	104	-.204	.074	.000	-.787	240	154	-.212	.056	.030	-.538	240	226	-.175	.063	.052	-.509
240	105	-.194	.057	-.009	-.570	240	155	-.212	.057	.039	-.814	240	227	-.176	.063	.042	-.446
240	106	-.205	.063	-.029	-.665	240	156	-.181	.033	-.073	-.358	240	228	-.180	.062	.040	-.474
240	107	-.203	.064	-.022	-.583	240	157	-.204	.042	-.071	-.527	240	229	-.187	.059	.012	-.446
240	108	-.215	.078	-.011	-.846	240	158	-.213	.046	-.096	-.472	240	230	-.179	.053	.028	-.451
240	109	-.220	.079	.034	-.807	240	159	-.112	.032	.023	-.258	240	231	-.175	.051	-.013	-.546
240	110	-.219	.081	.123	-.692	240	160	-.111	.028	-.027	-.253	240	232	-.186	.061	.019	-.516
240	111	-.184	.057	-.006	-.525	240	161	-.111	.028	-.011	-.242	240	233	-.180	.060	-.004	-.558
240	112	-.182	.057	.030	-.502	240	162	-.134	.025	-.059	-.363	240	234	-.174	.054	.010	-.495
240	113	-.184	.054	.018	-.484	240	163	-.133	.023	-.055	-.249	240	235	-.183	.060	.038	-.621
240	114	-.195	.061	-.002	-.602	240	164	-.134	.021	-.052	-.214	240	236	-.183	.060	-.009	-.623
240	115	-.216	.072	-.034	-.703	240	165	-.137	.020	-.073	-.214	240	237	-.165	.046	.020	-.386
240	116	-.243	.086	-.058	-.749	240	166	-.142	.021	-.062	-.228	240	238	-.170	.050	-.002	-.504
240	117	-.250	.087	.022	-.968	240	167	-.150	.022	-.071	-.278	240	239	-.172	.046	-.015	-.386
240	118	-.224	.079	.021	-.642	240	168	-.151	.023	-.078	-.246	240	240	-.180	.045	-.036	-.384
240	119	-.226	.081	.027	-.857	240	169	-.155	.026	-.078	-.249	240	241	-.176	.041	-.041	-.344
240	120	-.182	.048	-.025	-.484	240	170	-.111	.027	-.005	-.219	240	242	-.173	.036	-.055	-.314
240	121	-.178	.045	-.006	-.457	240	171	-.128	.036	-.006	-.352	240	243	-.186	.040	-.058	-.349
240	122	-.181	.050	-.029	-.464	240	172	-.126	.038	-.001	-.290	240	244	-.181	.038	-.065	-.431
240	123	-.193	.057	-.002	-.699	240	173	-.132	.035	-.001	-.327	240	245	-.182	.036	-.072	-.377
240	124	-.211	.066	-.011	-.606	240	174	-.137	.032	-.020	-.334	240	246	-.176	.036	-.058	-.340
240	125	-.243	.083	-.031	-.733	240	175	-.142	.032	-.028	-.385	240	247	-.184	.043	.015	-.422
240	126	-.255	.088	.111	-.794	240	176	-.144	.031	-.045	-.295	240	248	-.193	.044	-.062	-.396
240	127	-.225	.082	.089	-.724	240	177	-.149	.033	-.031	-.316	240	249	-.197	.042	-.067	-.379
240	128	-.223	.079	.041	-.744	240	178	-.149	.032	-.028	-.357	240	250	-.200	.044	-.076	-.403
240	129	-.179	.038	-.061	-.402	240	201	-.276	.114	-.005	-1.046	240	251	-.206	.043	-.060	-.424
240	130	-.177	.040	-.029	-.407	240	202	-.256	.107	.033	-.970	240	252	-.209	.045	-.083	-.405
240	131	-.183	.042	-.022	-.470	240	203	-.237	.095	.098	-.690	240	253	-.204	.040	-.097	-.419
240	132	-.194	.053	-.013	-.466	240	204	-.217	.077	.042	-.690	240	254	-.209	.044	-.102	-.448
240	133	-.209	.064	.000	-.561	240	205	-.210	.076	.033	-.624	240	255	-.205	.042	-.102	-.527
240	134	-.229	.072	-.015	-.550	240	206	-.213	.087	.040	-1.108	240	256	-.201	.035	-.081	-.356
240	135	-.238	.081	.005	-.640	240	207	-.234	.100	.026	-1.177	240	257	-.197	.036	-.072	-.396
240	136	-.235	.085	.095	-.647	240	208	-.218	.096	.056	-.753	240	258	-.203	.037	-.097	-.450
240	137	-.227	.080	.043	-.657	240	209	-.200	.083	.049	-.649	240	259	-.212	.046	-.076	-.539
240	138	-.194	.035	-.074	-.335	240	210	-.210	.083	.040	-.725	240	260	-.221	.053	-.105	-.664
240	139	-.187	.031	-.068	-.346	240	211	-.215	.063	-.020	-.528	240	261	-.215	.044	-.100	-.563
240	140	-.189	.033	-.074	-.393	240	212	-.201	.065	.001	-.651	240	262	-.251	.053	-.112	-.537
240	141	-.208	.043	-.081	-.461	240	213	-.206	.075	.033	-.665	240	263	-.245	.053	-.114	-.523
240	142	-.231	.056	-.015	-.565	240	214	-.202	.070	-.004	-.602	240	264	-.248	.056	-.112	-.755
240	143	-.253	.068	-.006	-.755	240	215	-.204	.084	.024	-.635	240	265	-.262	.065	-.123	-.882
240	144	-.255	.071	-.092	-.611	240	216	-.204	.089	.031	-.758	240	266	-.256	.062	-.105	-.582
240	145	-.251	.077	.100	-.683	240	217	-.201	.086	.070	-.607	240	267	-.226	.046	-.100	-.457
240	146	-.239	.070	.021	-.556	240	218	-.195	.082	.080	-.649	240	268	-.196	.037	-.050	-.429
240	147	-.176	.030	-.061	-.310	240	219	-.191	.076	.061	-.835	240	269	-.183	.036	-.036	-.354
240	148	-.162	.026	-.054	-.271	240	220	-.186	.073	.052	-.888	240	270	-.193	.035	-.095	-.386
240	149	-.159	.027	-.073	-.297	240	221	-.197	.078	.042	-.821	240	271	-.241	.060	-.119	-.852
240	150	-.164	.026	-.075	-.262	240	222	-.186	.072	.005	-.690	240	272	-.248	.063	-.109	-1.016



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	273	-.251	.070	-.062	-.734	240	418	-.064	.153	.595	-.607	240	468	-.030	.054	.205	-.232
240	274	-.239	.068	-.067	-.748	240	419	-.112	.116	.328	-.652	240	469	-.015	.056	.251	-.189
240	275	-.208	.054	-.086	-.464	240	420	-.166	.076	.189	-.509	240	470	-.019	.055	.289	-.230
240	276	-.173	.040	-.062	-.377	240	421	-.141	.090	.534	-.449	240	471	-.069	.052	.213	-.267
240	277	-.143	.033	-.032	-.278	240	422	-.106	.110	.684	-.468	240	472	-.120	.064	.117	-.434
240	278	-.135	.031	-.020	-.281	240	423	-.031	.156	.919	-.456	240	473	-.055	.042	.116	-.166
240	279	-.134	.029	-.046	-.300	240	424	-.113	.169	.791	-.771	240	474	-.046	.049	.240	-.194
240	280	-.106	.030	-.011	-.293	240	425	-.010	.201	.786	-.523	240	475	.005	.058	.413	-.146
240	281	-.103	.029	-.006	-.222	240	426	-.021	.199	.732	-.498	240	476	.000	.062	.527	-.136
240	282	-.092	.027	.015	-.184	240	427	-.018	.155	.618	-.559	240	477	.013	.057	.341	-.123
240	283	-.091	.026	.001	-.191	240	428	-.080	.108	.301	-.521	240	478	.008	.054	.410	-.130
240	284	-.105	.033	.004	-.233	240	429	-.112	.083	.353	-.434	240	479	-.024	.049	.176	-.192
240	285	-.126	.028	-.008	-.277	240	430	-.043	.116	.534	-.419	240	480	-.132	.071	.112	-.690
240	286	-.124	.030	-.006	-.290	240	431	-.015	.160	.727	-.373	240	501	-.159	.102	.441	-.619
240	287	-.119	.027	-.012	-.254	240	432	-.038	.190	.811	-.525	240	502	-.139	.125	.414	-.665
240	288	-.111	.031	-.010	-.300	240	433	-.038	.228	.814	-.691	240	503	-.136	.186	.731	-1.017
240	289	-.106	.030	-.019	-.244	240	434	-.080	.220	.941	-.473	240	504	-.166	.161	.571	-.818
240	290	-.106	.032	.001	-.267	240	435	-.086	.195	.764	-.493	240	505	-.151	.187	.717	-1.027
240	291	-.097	.032	.006	-.251	240	436	-.035	.145	.548	-.432	240	506	-.171	.250	.933	-1.431
240	292	-.098	.031	.020	-.224	240	437	-.046	.107	.387	-.441	240	507	-.180	.101	.256	-.633
240	293	-.158	.068	.034	-.587	240	438	-.059	.171	.612	-.491	240	508	-.158	.123	.451	-.619
240	294	-.110	.041	.068	-.449	240	439	-.024	.210	.993	-.484	240	509	-.173	.148	.573	-.859
240	295	-.128	.031	.008	-.258	240	440	-.050	.212	.793	-.521	240	510	-.215	.167	.867	-1.024
240	296	-.154	.038	.040	-.359	240	441	-.031	.132	.770	-.478	240	511	-.173	.092	.471	-.591
240	297	-.130	.028	-.008	-.235	240	442	.112	.153	.789	-.226	240	512	-.207	.081	.212	-.623
240	298	-.132	.031	.026	-.235	240	443	.117	.202	.820	-.593	240	513	-.185	.084	.214	-.760
240	299	-.113	.028	.004	-.224	240	444	.096	.216	.886	-.514	240	514	-.190	.098	.289	-.737
240	300	-.107	.028	-.010	-.217	240	445	.227	.198	.929	-.350	240	515	-.201	.121	.337	-1.156
240	301	-.100	.024	-.001	-.187	240	446	.188	.163	.780	-.269	240	516	-.227	.139	.339	-1.181
240	302	-.107	.029	.011	-.302	240	447	.149	.142	.673	-.360	240	517	-.132	.147	.1	.059
240	303	-.101	.030	.015	-.238	240	448	.076	.105	.453	-.405	240	518	-.205	.150	.545	-.945
240	304	-.102	.033	-.012	-.380	240	449	-.042	.068	.342	-.312	240	519	-.134	.103	.684	-.899
240	305	-.100	.034	.011	-.293	240	450	-.065	.177	.732	-.611	240	520	-.217	.191	.687	-1.332
240	401	-.175	.162	.645	-.798	240	451	.182	.203	.938	-.335	240	521	-.067	.135	.819	-.445
240	402	-.157	.157	.652	-.798	240	452	.202	.204	.034	-.400	240	522	-.107	.139	.485	-.674
240	403	-.165	.125	.456	-.634	240	453	.145	.135	.734	-.185	240	523	-.182	.086	.247	-.663
240	404	-.210	.195	.773	-.927	240	454	.155	.153	.827	-.196	240	524	-.195	.064	.066	-.614
240	405	-.074	.213	.939	-.720	240	455	.090	.149	.798	-.323	240	525	-.173	.071	.319	-.505
240	406	-.154	.189	.573	-1.069	240	456	.060	.120	.634	-.210	240	526	-.146	.080	.272	-.504
240	407	-.139	.132	.518	-.713	240	457	.069	.108	.639	-.232	240	527	-.158	.082	.377	-.491
240	408	-.154	.121	.376	-.711	240	458	.067	.100	.598	-.203	240	528	-.215	.116	.210	-1.052
240	409	-.195	.114	.392	-.852	240	459	.039	.064	.486	-.232	240	529	-.281	.136	.113	-1.098
240	410	-.137	.162	.706	-.979	240	460	-.020	.069	.255	-.271	240	530	-.292	.141	.316	-1.290
240	411	-.217	.106	.267	-.924	240	461	.104	.056	.149	-.414	240	531	-.279	.130	.208	-1.012
240	412	-.178	.126	.513	-.746	240	462	-.065	.162	.711	-.616	240	532	-.057	.161	.1	.025
240	413	-.230	.109	.189	-.919	240	463	-.067	.173	.637	-.639	240	533	-.020	.155	.629	-.616
240	414	-.124	.131	.903	-.705	240	464	-.018	.169	.675	-.818	240	534	-.194	.090	.323	-.670
240	415	-.167	.158	.547	-.931	240	465	-.065	.057	.330	-.255	240	535	-.212	.068	.175	-.591
240	416	-.076	.177	.748	-.556	240	466	-.067	.058	.364	-.330	240	536	-.184	.071	.159	-.559
240	417	-.057	.175	.680	-.607	240	467	-.045	.058	.274	-.228	240	537	-.157	.075	.239	-.502

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
240	538	-153	.079	.295	-487	240	602	-100	.035	.044	-331	240	915	-189	.109	.310	-868
240	539	-200	.115	.333	-910	240	603	-107	.033	.086	-330	240	916	-166	.099	.362	-534
240	540	-290	.148	.122	-1.035	240	604	-108	.035	.047	-433	240	917	-186	.084	.224	-756
240	541	-301	.118	.036	-.834	240	605	-115	.038	.050	-300	240	918	-164	.031	-.061	-292
240	542	-294	.143	.080	-1.133	240	606	-125	.042	.068	-346	240	919	-172	.038	-.052	-340
240	543	.087	.206	.886	-.443	240	607	-126	.042	.023	-391	240	920	-119	.037	.043	-278
240	544	.051	.204	.839	-.517	240	608	-.090	.028	.005	-193	240	921	-140	.036	.003	-361
240	545	.124	.180	.981	-.403	240	609	-.092	.031	.007	-239	240	922	-.095	.033	.060	-385
240	546	.056	.173	.843	-.435	240	610	-.094	.030	.005	-214	240	923	-.082	.211	.840	-.506
240	547	-.225	.077	.164	-.586	240	611	-.094	.029	.023	-232	240	924	-.268	.170	.459	1.600
240	548	-.228	.062	.006	-.513	240	612	-.098	.029	.014	-248	240	925	-.122	.031	-.009	-328
240	549	-.189	.061	.198	-.471	240	613	-.111	.038	.041	-336	240	926	-.258	.138	.371	-.915
240	550	-.165	.060	.166	-.403	240	614	-.117	.041	.021	-400	240	927	-.252	.137	.276	-.972
240	551	-.140	.067	.294	-.490	240	615	-.081	.024	.049	-162	240	928	-.253	.121	.169	-.822
240	552	-.177	.098	.159	-.718	240	616	-.073	.027	.039	-172	240	929	-.195	.100	.305	-.644
240	553	-.308	.169	.157	-1.212	240	617	-.075	.026	.083	-164	240	930	-.177	.082	.110	-.530
240	554	-.409	.194	.098	-1.566	240	618	-.077	.027	.031	-179	240	931	-.194	.066	.055	-.475
240	555	-.414	.197	.009	-1.420	240	619	-.087	.027	.027	-219	240	932	-.140	.029	-.023	-302
240	556	.219	.176	.925	.318	240	620	-.090	.028	.044	-283	240	933	-.149	.029	-.054	-280
240	557	.164	.164	.752	-.394	240	621	-.092	.028	.023	-262	240	934	-.122	.030	-.003	-290
240	558	-.052	.160	.704	-.748	240	701	-.093	.030	.001	-255	240	935	-.134	.030	-.002	-321
240	559	-.012	.164	.752	-.707	240	702	-.144	.051	.058	-520	240	936	-.103	.033	.008	-335
240	560	-.218	.063	.116	-.444	240	703	-.123	.048	.100	-466	240	937	-.216	.099	.169	-.682
240	561	-.226	.056	.137	-.481	240	704	-.138	.039	.004	-471	240	938	-.191	.085	.122	-.651
240	562	-.167	.043	.009	-.339	240	705	-.134	.038	-.013	-332	240	939	-.105	.030	.012	-.254
240	563	-.142	.040	.054	-.391	240	707	-.105	.038	.053	-309	240	940	-.248	.130	.212	-.918
240	564	-.123	.039	.059	-.284	240	708	-.151	.048	.091	-466	240	941	-.169	.073	.122	-.635
240	565	-.137	.049	.061	-.453	240	709	-.138	.040	.132	-335	240	942	-.235	.126	.184	-.975
240	566	-.127	.054	.061	-.364	240	710	-.128	.033	.047	-266	240	943	-.222	.107	.165	-.825
240	567	-.112	.064	.130	-.554	240	711	-.130	.031	.003	-273	240	944	-.205	.045	-.061	-.437
240	568	-.247	.136	.105	-1.125	240	712	-.130	.033	-.020	-331	240	945	-.191	.071	.088	-.563
240	569	.121	.137	.784	-.149	240	713	-.130	.039	.015	-367	240	946	-.170	.068	-.148	-.528
240	570	.082	.127	.745	-.204	240	714	-.132	.049	.042	-416	240	947	-.112	.029	-.002	-.311
240	571	-.183	.049	.132	-.435	240	801	-.041	.036	.180	-151	240	948	-.113	.031	.040	-.248
240	572	-.161	.043	.105	-.341	240	802	-.146	.039	.001	-316	240	949	-.112	.038	-.004	-.581
240	573	-.077	.055	.176	-.305	240	803	-.129	.030	-.025	-283	240	950	-.099	.030	.019	-.316
240	574	-.064	.066	.292	-.337	240	901	-.095	.110	.626	-126	240	951	-.072	.039	.126	-.267
240	575	-.051	.082	.358	-.339	240	902	-.244	.112	.393	-780	240	1101	-.185	.163	.370	-.989
240	576	-.066	.072	.288	-.371	240	903	-.231	.133	.559	-1.025	240	1102	-.247	.153	.283	-1.090
240	577	-.085	.066	.362	-.314	240	904	-.197	.099	.341	-780	240	1103	-.177	.068	.034	-.524
240	578	-.132	.033	.077	-.270	240	905	-.270	.070	.119	-.580	240	1104	-.190	.071	.028	-.533
240	579	-.119	.039	.164	-.241	240	906	-.179	.033	-.066	-.371	240	1105	-.186	.060	-.035	-.515
240	580	-.114	.040	.304	-.289	240	907	-.197	.043	-.052	-.399	240	1106	-.176	.060	-.039	-.490
240	581	-.113	.034	.009	-.211	240	908	-.108	.059	.198	-.268	240	1107	-.198	.063	-.053	-.591
240	582	-.112	.042	.146	-.260	240	909	-.125	.055	.079	-.447	240	1108	-.212	.081	.018	-.630
240	583	-.132	.031	.019	-.252	240	910	-.085	.053	.160	-.318	240	1109	-.225	.087	-.048	-.772
240	584	-.121	.033	.041	-.243	240	911	-.259	.126	.402	-.830	240	1110	-.069	.097	.455	-.368
240	585	-.120	.034	.057	-.231	240	912	-.107	.033	.034	-.292	240	1111	-.029	.156	.680	-.471
240	586	-.130	.034	.011	-.273	240	913	-.173	.162	1.002	-.287	240	1112	-.075	.168	.699	-.692
240	601	-.105	.033	.013	-.259	240	914	-.232	.134	.436	-.851	240	1113	-.198	.118	.119	-.738

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1201	- .108	.078	.494	- .340	250	126	- .236	.117	.066	-1.002	250	176	- .120	.039	.064	- .335
240	1202	- .037	.111	.625	- .306	250	127	- .159	.089	.171	- .660	250	177	- .130	.039	- .010	- .321
240	1203	- .115	.106	.621	- .570	250	128	- .160	.089	.151	- .557	250	178	- .137	.044	.027	- .395
240	1204	- .179	.064	.039	- .543	250	129	- .140	.049	.019	- .579	250	201	- .182	.096	.118	- .998
240	1205	- .131	.042	.039	- .368	250	130	- .140	.049	.050	- .364	250	202	- .191	.092	.144	- .665
240	1206	- .139	.041	.055	- .336	250	131	- .144	.055	.037	- .456	250	203	- .187	.087	.062	- .678
240	1207	- .141	.039	.005	- .368	250	132	- .163	.064	.035	- .698	250	204	- .188	.077	.028	- .576
240	1208	- .169	.051	.025	- .552	250	133	- .185	.077	.046	- .718	250	205	- .170	.077	.032	- .669
240	1209	- .151	.058	.132	- .496	250	134	- .228	.106	.046	- .834	250	206	- .172	.077	.073	- .745
240	1210	- .173	.060	.099	- .453	250	135	- .224	.101	.046	-1.144	250	207	- .174	.084	.096	- .667
240	1211	- .165	.079	.074	- .628	250	136	- .153	.088	.254	- .478	250	208	- .173	.085	.119	- .806
240	1301	- .004	.124	.685	- .386	250	137	- .155	.083	.209	- .472	250	209	- .159	.081	.073	- .606
240	1302	- .014	.127	.715	- .517	250	138	- .141	.048	.014	- .534	250	210	- .168	.078	.060	- .558
240	1303	- .070	.124	.625	- .340	250	139	- .136	.046	.008	- .339	250	211	- .177	.066	.019	- .460
240	1304	- .154	.060	.032	- .405	250	140	- .145	.052	.037	- .478	250	212	- .168	.073	.050	- .585
240	1305	- .058	.105	.515	- .379	250	141	- .159	.059	.066	- .498	250	213	- .168	.074	.087	- .563
240	1306	- .139	.052	.048	- .384	250	142	- .186	.072	.035	- .864	250	214	- .175	.079	.060	- .685
240	1307	- .154	.056	.028	- .441	250	143	- .215	.080	.012	- .705	250	215	- .168	.082	.050	- .942
240	1308	- .109	.056	.131	- .370	250	144	- .233	.097	.003	- .962	250	216	- .157	.072	.028	- .647
240	1309	- .138	.072	.183	- .501	250	145	- .148	.082	.214	- .528	250	217	- .151	.063	.050	- .458
240	1310	- .193	.096	.126	- .807	250	146	- .147	.079	.209	- .478	250	218	- .154	.072	.082	- .658
240	1311	- .126	.071	.170	- .508	250	147	- .128	.042	.084	- .389	250	219	- .148	.064	.071	- .435
240	1312	- .209	.134	.386	- .720	250	148	- .124	.040	.012	- .304	250	220	- .138	.065	.137	- .771
240	1313	- .130	.114	.439	- .770	250	149	- .125	.040	.040	- .326	250	221	- .147	.071	.100	- .776
240	1314	- .002	.106	.522	- .313	250	150	- .139	.048	.031	- .414	250	222	- .144	.069	.080	- .712
250	101	- .176	.084	.073	- .694	250	151	- .166	.052	.003	- .369	250	223	- .137	.064	.055	- .531
250	102	- .196	.087	.131	- .738	250	152	- .181	.062	.003	- .543	250	224	- .142	.064	.123	- .460
250	103	- .203	.104	.104	- .890	250	153	- .197	.075	.002	- .688	250	225	- .144	.068	.078	- .640
250	104	- .175	.092	.064	- .839	250	154	- .146	.083	.201	- .604	250	226	- .159	.072	.062	- .544
250	105	- .160	.070	.084	- .483	250	155	- .139	.076	.205	- .507	250	227	- .148	.073	.055	- .792
250	106	- .178	.082	.133	- .752	250	156	- .180	.062	.028	- .505	250	228	- .142	.062	.044	- .476
250	107	- .178	.083	.077	- .572	250	157	- .200	.071	.024	- .598	250	229	- .145	.056	.026	- .413
250	108	- .194	.093	.095	-1.040	250	158	- .208	.076	.024	- .647	250	230	- .142	.053	.010	- .406
250	109	- .201	.103	.093	- .861	250	159	- .062	.056	.189	- .369	250	231	- .128	.048	.035	- .406
250	110	- .188	.103	.319	- .761	250	160	- .048	.052	.214	- .222	250	232	- .137	.053	.046	- .542
250	111	- .148	.069	.066	- .586	250	161	- .051	.054	.167	- .222	250	233	- .132	.051	.087	- .410
250	112	- .146	.068	.097	- .532	250	162	- .083	.036	.026	- .333	250	234	- .132	.054	.050	- .456
250	113	- .157	.074	.082	- .857	250	163	- .088	.032	.033	- .238	250	235	- .137	.057	.071	- .812
250	114	- .171	.075	.061	- .606	250	164	- .098	.037	.035	- .258	250	236	- .142	.059	.012	- .572
250	115	- .199	.096	.075	- .738	250	165	- .108	.042	.063	- .315	250	237	- .148	.065	.091	- .599
250	116	- .238	.109	.023	-1.058	250	166	- .112	.041	.035	- .369	250	238	- .139	.060	.089	- .529
250	117	- .238	.119	.113	- .998	250	167	- .129	.046	.103	- .333	250	239	- .136	.053	.033	- .485
250	118	- .175	.094	.229	- .700	250	168	- .149	.058	.087	- .473	250	240	- .138	.048	.003	- .460
250	119	- .177	.097	.303	- .859	250	169	- .154	.064	.054	- .512	250	241	- .131	.042	- .013	- .389
250	120	- .147	.059	.039	- .498	250	170	- .053	.050	.182	- .258	250	242	- .126	.036	- .001	- .313
250	121	- .143	.060	.053	- .449	250	171	- .079	.040	.090	- .296	250	243	- .133	.037	- .001	- .299
250	122	- .145	.062	.106	- .451	250	172	- .080	.038	.078	- .229	250	244	- .131	.036	- .010	- .260
250	123	- .161	.067	.131	- .554	250	173	- .088	.037	.086	- .275	250	245	- .129	.035	- .015	- .361
250	124	- .190	.079	.075	- .805	250	174	- .101	.040	.057	- .271	250	246	- .134	.044	- .006	- .373
250	125	- .229	.100	.048	- .841	250	175	- .112	.042	.097	- .321	250	247	- .138	.044	.040	- .623

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	248	- .129	.046	.026	- .350	250	298	- .073	.030	.080	- .164	250	443	- .095	.115	.355	- .631
250	249	- .129	.048	.008	- .492	250	299	- .068	.030	.030	- .178	250	444	- .105	.119	.721	- .478
250	250	- .132	.045	.015	- .338	250	300	- .070	.032	.057	- .190	250	445	- .031	.142	.739	- .356
250	251	- .137	.044	- .011	- .325	250	301	- .079	.032	.044	- .201	250	446	- .044	.133	.670	- .361
250	252	- .134	.039	- .017	- .391	250	302	- .090	.036	.101	- .280	250	447	- .048	.125	.690	- .340
250	253	- .140	.035	- .029	- .306	250	303	- .097	.036	.034	- .247	250	448	- .007	.105	.431	- .352
250	254	- .141	.038	- .013	- .366	250	304	- .086	.038	.032	- .250	250	449	- .044	.075	.301	- .374
250	255	- .133	.034	- .027	- .469	250	305	- .090	.038	.032	- .319	250	450	- .096	.090	.366	- .469
250	256	- .133	.035	- .045	- .497	250	401	- .172	.113	.488	- .831	250	451	- .023	.129	.643	- .392
250	257	- .141	.041	- .029	- .453	250	402	- .156	.113	.515	- .749	250	452	- .068	.133	.679	- .403
250	258	- .143	.043	- .010	- .412	250	403	- .155	.105	.375	- .686	250	453	- .020	.088	.440	- .255
250	259	- .138	.043	- .017	- .327	250	404	- .187	.115	.526	- .834	250	454	- .027	.094	.449	- .187
250	260	- .137	.037	- .013	- .325	250	405	- .166	.112	.653	- .628	250	455	- .014	.108	.665	- .327
250	261	- .136	.032	- .024	- .306	250	406	- .175	.102	.531	- .617	250	456	- .035	.104	.706	- .295
250	262	- .148	.047	- .017	- .494	250	407	- .159	.096	.263	- .561	250	457	- .042	.100	.609	- .199
250	263	- .155	.047	- .017	- .405	250	408	- .168	.108	.346	- .607	250	458	- .032	.096	.528	- .304
250	264	- .161	.051	- .020	- .481	250	409	- .178	.103	.404	- .727	250	459	- .003	.087	.433	- .228
250	265	- .161	.046	- .029	- .416	250	410	- .171	.103	.415	- .552	250	460	- .044	.068	.289	- .340
250	266	- .151	.040	- .040	- .414	250	411	- .175	.105	.431	- .559	250	461	- .098	.055	.179	- .358
250	267	- .134	.031	- .015	- .313	250	412	- .157	.102	.537	- .469	250	462	- .066	.098	.519	- .417
250	268	- .127	.030	- .033	- .302	250	413	- .170	.088	.488	- .740	250	463	- .004	.102	.503	- .523
250	269	- .128	.035	- .013	- .414	250	414	- .149	.086	.390	- .528	250	464	- .029	.107	.539	- .444
250	270	- .131	.035	- .020	- .579	250	415	- .174	.089	.216	- .591	250	465	- .007	.086	.499	- .226
250	271	- .187	.060	- .040	- .561	250	416	- .151	.090	.307	- .514	250	466	- .021	.076	.481	- .372
250	272	- .190	.064	- .003	- .799	250	417	- .131	.099	.456	- .532	250	467	- .026	.060	.298	- .194
250	273	- .191	.066	- .017	- .737	250	418	- .136	.099	.314	- .525	250	468	- .028	.058	.296	- .194
250	274	- .174	.054	- .065	- .467	250	419	- .145	.094	.221	- .543	250	469	- .035	.054	.321	- .232
250	275	- .135	.044	- .008	- .377	250	420	- .163	.072	.117	- .523	250	470	- .048	.049	.258	- .219
250	276	- .106	.033	- .011	- .263	250	421	- .153	.070	.164	- .670	250	471	- .096	.045	.166	- .273
250	277	- .094	.027	- .003	- .219	250	422	- .149	.077	.264	- .537	250	472	- .138	.053	.102	- .370
250	278	- .091	.027	- .031	- .219	250	423	- .126	.081	.237	- .613	250	473	- .033	.057	.325	- .171
250	279	- .093	.030	- .006	- .249	250	424	- .181	.088	.142	- .770	250	474	- .029	.057	.374	- .192
250	280	- .080	.031	- .058	- .247	250	425	- .148	.093	.546	- .608	250	475	- .021	.051	.371	- .132
250	281	- .074	.030	- .024	- .224	250	426	- .121	.108	.530	- .498	250	476	- .025	.049	.314	- .148
250	282	- .069	.032	- .070	- .176	250	427	- .116	.100	.350	- .466	250	477	- .014	.055	.344	- .148
250	283	- .072	.034	- .054	- .304	250	428	- .135	.095	.240	- .680	250	478	- .046	.042	.157	- .164
250	284	- .097	.041	- .027	- .312	250	429	- .151	.062	.193	- .473	250	479	- .095	.046	.069	- .340
250	285	- .080	.028	- .030	- .192	250	430	- .132	.069	.213	- .669	250	480	- .176	.086	.000	- .795
250	286	- .088	.031	- .046	- .220	250	431	- .127	.080	.382	- .417	250	501	- .133	.134	.665	- .631
250	287	- .092	.038	- .069	- .402	250	432	- .166	.100	.395	- .509	250	502	- .120	.164	.647	- .633
250	288	- .092	.033	- .039	- .259	250	433	- .180	.096	.517	- .529	250	503	- .125	.184	.707	- .796
250	289	- .092	.031	- .027	- .213	250	434	- .097	.126	.546	- .460	250	504	- .146	.146	.621	- .838
250	290	- .095	.035	- .046	- .303	250	435	- .073	.128	.629	- .433	250	505	- .146	.135	.647	- .757
250	291	- .094	.036	- .046	- .247	250	436	- .079	.109	.375	- .408	250	506	- .143	.159	.598	- .731
250	292	- .093	.036	- .016	- .268	250	437	- .099	.096	.413	- .534	250	507	- .160	.157	.703	- .661
250	293	- .183	.091	- .017	- .725	250	438	- .186	.081	.143	- .498	250	508	- .156	.154	.570	- .636
250	294	- .145	.066	- .027	- .617	250	439	- .150	.105	.467	- .464	250	509	- .156	.132	.740	- .585
250	295	- .096	.037	- .053	- .241	250	440	- .134	.108	.485	- .460	250	510	- .158	.128	.575	- .652
250	296	- .089	.036	- .092	- .275	250	441	- .054	.088	.375	- .401	250	511	- .125	.154	.828	- .652
250	297	- .079	.032	- .069	- .180	250	442	- .034	.104	.517	- .410	250	512	- .170	.111	.354	- .720

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	513	- .141	.152	.614	- .759	250	563	- .061	.076	.408	- .321	250	707	- .087	.038	.045	- .491
250	514	- .138	.147	.461	- .950	250	564	- .063	.065	.231	- .285	250	708	- .090	.063	.199	- .455
250	515	- .142	.143	.752	- .838	250	565	- .048	.078	.491	- .319	250	709	- .068	.064	.269	- .275
250	516	- .168	.127	.437	- 1.129	250	566	- .052	.063	.245	- .312	250	710	- .064	.055	.170	- .309
250	517	- .162	.129	.724	- .571	250	567	- .054	.066	.201	- .361	250	711	- .082	.043	.107	- .277
250	518	- .167	.117	.503	- .624	250	568	- .100	.111	.236	- 1.217	250	712	- .075	.039	.113	- .223
250	519	- .155	.112	.568	- .536	250	569	- .008	.092	.636	- .227	250	713	- .059	.042	.113	- .272
250	520	- .162	.119	.519	- .708	250	570	- .010	.085	.392	- .317	250	714	- .067	.037	.107	- .239
250	521	- .150	.104	.679	- .501	250	571	- .115	.076	.222	- .448	250	801	- .008	.059	.418	- .136
250	522	- .171	.103	.430	- .592	250	572	- .080	.078	.379	- .453	250	802	- .110	.037	.037	- .286
250	523	- .130	.138	.593	- .540	250	573	- .039	.062	.379	- .273	250	803	- .080	.032	.048	- .229
250	524	- .160	.099	.393	- .496	250	574	- .011	.076	.491	- .239	250	901	- .015	.086	.428	- .325
250	525	- .131	.129	.533	- .692	250	575	- .000	.088	.422	- .243	250	902	- .149	.099	.449	- .390
250	526	- .118	.121	.489	- .527	250	576	- .008	.094	.443	- .289	250	903	- .140	.133	.555	- .692
250	527	- .116	.125	.775	- .645	250	577	- .020	.090	.612	- .313	250	904	- .136	.131	.469	- .643
250	528	- .167	.110	.351	- .985	250	578	- .113	.038	.056	- .333	250	905	- .100	.082	.286	- .490
250	529	- .183	.090	.244	- 1.036	250	579	- .079	.047	.192	- .280	250	906	- .116	.035	.003	- .334
250	530	- .187	.079	.242	- 1.633	250	580	- .065	.046	.220	- .245	250	907	- .124	.045	.028	- .364
250	531	- .178	.077	.233	- .731	250	581	- .035	.049	.260	- .186	250	908	- .070	.071	.321	- .350
250	532	- .125	.071	.230	- .340	250	582	- .043	.048	.188	- .191	250	909	- .065	.064	.228	- .348
250	533	- .169	.084	.226	- .494	250	583	- .090	.037	.058	- .275	250	910	- .042	.057	.242	- .297
250	534	- .121	.134	.528	- .587	250	584	- .076	.041	.128	- .252	250	911	- .150	.096	.381	- .436
250	535	- .153	.095	.368	- .484	250	585	- .072	.041	.111	- .204	250	912	- .053	.046	.154	- .271
250	536	- .126	.115	.610	- .512	250	586	- .071	.046	.190	- .241	250	913	- .130	.093	.386	- .517
250	537	- .110	.102	.523	- .562	250	601	- .090	.037	.031	- .289	250	914	- .144	.130	.597	- .757
250	538	- .102	.105	.503	- .482	250	602	- .074	.039	.059	- .277	250	915	- .133	.127	.569	- .617
250	539	- .132	.095	.356	- .445	250	603	- .089	.035	.042	- .315	250	916	- .125	.130	.486	- .780
250	540	- .149	.082	.340	- .564	250	604	- .100	.040	.052	- .338	250	917	- .163	.118	.293	- .840
250	541	- .171	.063	.056	- .510	250	605	- .128	.048	.042	- .333	250	918	- .106	.035	.063	- .329
250	542	- .161	.069	.128	- .610	250	606	- .139	.056	.042	- .322	250	919	- .113	.041	.019	- .434
250	543	- .181	.106	.528	- .598	250	607	- .144	.052	.030	- .603	250	920	- .071	.047	.137	- .269
250	544	- .203	.102	.295	- .612	250	608	- .089	.035	.023	- .247	250	921	- .084	.046	.130	- .292
250	545	- .153	.084	.484	- .433	250	609	- .087	.033	.030	- .275	250	922	- .047	.041	.188	- .225
250	546	- .182	.086	.261	- .471	250	610	- .089	.035	.028	- .234	250	923	- .177	.093	.488	- .508
250	547	- .084	.128	.537	- .437	250	611	- .091	.036	.081	- .273	250	924	- .157	.110	.430	- .643
250	548	- .151	.083	.201	- .446	250	612	- .100	.040	.025	- .294	250	925	- .070	.041	.119	- .276
250	549	- .073	.116	.411	- .434	250	613	- .128	.047	.016	- .370	250	926	- .165	.102	.423	- .627
250	550	- .055	.123	.466	- .418	250	614	- .132	.052	.025	- .495	250	927	- .154	.097	.365	- .585
250	551	- .042	.112	.491	- .400	250	615	- .054	.032	.090	- .159	250	928	- .160	.106	.260	- .622
250	552	- .074	.104	.501	- .510	250	616	- .044	.032	.097	- .145	250	929	- .141	.104	.307	- .566
250	553	- .117	.104	.314	- .897	250	617	- .048	.031	.104	- .164	250	930	- .158	.103	.186	- .722
250	554	- .142	.114	.167	- .833	250	618	- .051	.030	.085	- .167	250	931	- .162	.083	.260	- .796
250	555	- .152	.116	.169	- .890	250	619	- .061	.032	.061	- .279	250	932	- .088	.033	.044	- .327
250	556	- .075	.107	.468	- .439	250	620	- .094	.048	.040	- .394	250	933	- .093	.034	.054	- .255
250	557	- .112	.112	.537	- .630	250	621	- .101	.053	.079	- .401	250	934	- .079	.036	.056	- .230
250	558	- .056	.097	.528	- .473	250	701	- .070	.038	.056	- .293	250	935	- .081	.044	.130	- .315
250	559	- .094	.085	.259	- .635	250	702	- .068	.081	.291	- .613	250	936	- .055	.038	.103	- .216
250	560	- .109	.109	.496	- .460	250	703	- .066	.064	.187	- .456	250	937	- .170	.094	.175	- .845
250	561	- .133	.082	.263	- .503	250	704	- .104	.057	.088	- .415	250	938	- .166	.090	.223	- .631
250	562	- .081	.069	.408	- .340	250	705	- .097	.047	.098	- .328	250	939	- .063	.041	.100	- .281

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	940	-155	103	302	-671	260	101	-225	085	-055	-668	260	151	-184	060	-063	-507
250	941	-138	079	202	-522	260	102	-270	099	-001	-954	260	152	-218	081	-054	-627
250	942	-148	102	349	-634	260	103	-316	133	-020	-1122	260	153	-281	114	-061	-1009
250	943	-166	091	133	-949	260	104	-202	091	-032	-804	260	154	-187	121	-161	-876
250	944	-137	037	-039	-320	260	105	-169	055	-006	-488	260	155	-182	113	-276	-876
250	945	-147	070	149	-464	260	106	-188	068	-061	-611	260	156	-248	091	-052	-883
250	946	-140	076	281	-569	260	107	-231	086	-012	-602	260	157	-300	141	-032	-1209
250	947	-075	036	071	-279	260	108	-301	115	-023	-867	260	158	-322	143	-077	-1014
250	948	-074	041	153	-297	260	109	-309	117	-037	-874	260	159	-111	085	-154	-699
250	949	-069	043	150	-329	260	110	-280	134	-261	-923	260	160	-074	055	-086	-455
250	950	-055	043	112	-256	260	111	-158	072	-064	-623	260	161	-053	046	-170	-269
250	951	-032	047	189	-254	260	112	-167	075	-082	-526	260	162	-099	032	-011	-251
250	1101	-165	198	592	-992	260	113	-186	080	-095	-708	260	163	-093	026	-009	-242
250	1102	-360	165	-1	124	260	114	-234	086	-035	-703	260	164	-082	027	-016	-226
250	1103	-199	070	-014	-495	260	115	-326	120	-046	-1076	260	165	-085	028	-030	-238
250	1104	-234	072	-053	-631	260	116	-510	197	-073	-1293	260	166	-099	036	-073	-317
250	1105	-214	060	-021	-548	260	117	-528	199	-035	-1580	260	167	-133	053	-011	-428
250	1106	-210	062	-030	-511	260	118	-243	135	-185	-788	260	168	-159	055	-011	-489
250	1107	-224	064	-035	-525	260	119	-204	121	-189	-806	260	169	-166	062	-043	-645
250	1108	-228	085	-023	-717	260	120	-147	068	-055	-708	260	170	-051	059	-168	-301
250	1109	-250	084	-063	-761	260	121	-158	076	-079	-634	260	171	-103	040	-027	-301
250	1110	-000	096	367	-382	260	122	-175	077	-091	-557	260	172	-084	033	-076	-204
250	1111	-090	177	899	-472	260	123	-231	091	-075	-692	260	173	-082	033	-071	-190
250	1112	-047	211	869	-726	260	124	-360	132	-086	-887	260	174	-081	036	-134	-208
250	1113	-201	141	305	-825	260	125	-427	157	-084	-1345	260	175	-081	039	-127	-220
250	1201	-112	066	127	-325	260	126	-505	191	-028	-1504	260	176	-107	050	-076	-336
250	1202	-091	060	176	-328	260	127	-185	119	-272	-683	260	177	-154	058	-041	-470
250	1203	-100	079	217	-486	260	128	-149	116	-288	-771	260	178	-182	075	-011	-601
250	1204	-065	065	333	-298	260	129	-162	078	-044	-755	260	201	-211	082	-057	-541
250	1205	-067	067	238	-358	260	130	-158	075	-073	-524	260	202	-208	081	-046	-553
250	1206	-091	069	157	-481	260	131	-193	090	-082	-688	260	203	-206	082	-033	-548
250	1207	-097	057	118	-543	260	132	-249	108	-167	-809	260	204	-187	064	-002	-684
250	1208	-134	064	088	-428	260	133	-301	128	-028	-948	260	205	-178	059	-004	-488
250	1209	-061	104	499	-683	260	134	-342	136	-030	-1120	260	206	-189	069	-041	-570
250	1210	-056	102	418	-349	260	135	-435	171	-044	-1524	260	207	-174	077	-083	-518
250	1211	-100	069	182	-449	260	136	-199	123	-216	-649	260	208	-166	081	-097	-624
250	1301	-058	080	377	-421	260	137	-173	119	-355	-685	260	209	-143	068	-065	-467
250	1302	-002	093	532	-340	260	138	-147	072	-066	-533	260	210	-166	069	-037	-518
250	1303	-006	088	476	-282	260	139	-151	072	-068	-712	260	211	-182	037	-007	-479
250	1304	-073	064	171	-335	260	140	-168	075	-068	-620	260	212	-173	059	-051	-700
250	1305	-005	076	296	-395	260	141	-207	090	-046	-726	260	213	-168	056	-002	-504
250	1306	-066	068	159	-384	260	142	-244	091	-057	-919	260	214	-172	058	-060	-479
250	1307	-063	075	250	-405	260	143	-282	115	-033	-948	260	215	-130	054	-081	-364
250	1308	-046	077	356	-398	260	144	-311	116	-017	-1028	260	216	-133	055	-088	-435
250	1309	-094	068	201	-367	260	145	-196	101	-153	-712	260	217	-130	050	-065	-389
250	1310	-110	095	250	-603	260	146	-176	091	-102	-672	260	218	-136	059	-023	-606
250	1311	-091	069	293	-414	260	147	-124	041	-005	-409	260	219	-129	052	-056	-410
250	1312	-110	105	287	-929	260	148	-121	041	-001	-353	260	220	-121	049	-037	-481
250	1313	-091	084	203	-597	260	149	-138	049	-000	-468	260	221	-135	062	-097	-520
250	1314	-076	078	291	-465	260	150	-156	055	-034	-654	260	222	-135	060	-083	-721

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	223	- .132	.052	.118	-.430	260	273	-.192	.051	-.066	-.506	260	418	-.129	.093	.319	-.543
260	224	-.130	.052	.051	-.384	260	274	-.149	.045	-.003	-.357	260	419	-.128	.076	.236	-.554
260	225	-.131	.058	.042	-.424	260	275	-.106	.029	-.013	-.248	260	420	-.232	.118	.263	-1.172
260	226	-.132	.050	.046	-.396	260	276	-.104	.026	-.003	-.213	260	421	-.238	.120	.288	-.869
260	227	-.129	.049	.038	-.495	260	277	-.105	.030	-.006	-.275	260	422	-.240	.132	.324	-.808
260	228	-.127	.044	.026	-.322	260	278	-.119	.045	-.006	-.350	260	423	-.221	.158	.344	-1.048
260	229	-.127	.043	.033	-.327	260	279	-.121	.043	.020	-.424	260	424	-.231	.153	.346	-1.039
260	230	-.123	.039	.028	-.295	260	280	-.077	.025	.015	-.173	260	425	-.210	.124	.319	-.850
260	231	-.117	.038	.044	-.301	260	281	-.075	.025	.011	-.210	260	426	-.130	.076	.427	-.573
260	232	-.122	.042	.035	-.444	260	282	-.077	.024	.015	-.178	260	427	-.122	.066	.271	-.537
260	233	-.120	.041	.067	-.428	260	283	-.081	.027	.018	-.280	260	428	-.124	.056	.144	-.438
260	234	-.124	.041	.033	-.311	260	284	-.096	.028	-.007	-.238	260	429	-.182	.079	.117	-.533
260	235	-.128	.048	.046	-.366	260	285	-.126	.046	.018	-.329	260	430	-.190	.079	.072	-.755
260	236	-.130	.052	.044	-.391	260	286	-.108	.036	-.000	-.333	260	431	-.201	.083	.457	-.562
260	237	-.132	.042	.030	-.378	260	287	-.095	.035	.014	-.608	260	432	-.114	.127	.808	-.501
260	238	-.130	.039	.014	-.375	260	288	-.090	.026	.011	-.278	260	433	-.164	.090	.278	-.682
260	239	-.130	.036	.017	-.350	260	289	-.090	.026	.016	-.238	260	434	-.153	.077	.280	-.605
260	240	-.129	.030	.031	-.327	260	290	-.092	.026	-.000	-.192	260	435	-.126	.058	.210	-.374
260	241	-.122	.028	.029	-.250	260	291	-.098	.029	-.007	-.248	260	436	-.117	.050	.070	-.510
260	242	-.118	.027	.034	-.220	260	292	-.099	.028	.007	-.259	260	437	-.123	.050	.097	-.367
260	243	-.122	.028	.008	-.229	260	293	-.171	.062	-.016	-.520	260	438	-.233	.101	.221	-.698
260	244	-.117	.026	.029	-.208	260	294	-.148	.054	.002	-.416	260	439	-.203	.090	.217	-.669
260	245	-.118	.031	.024	-.255	260	295	-.087	.036	.069	-.213	260	440	-.180	.090	.312	-.714
260	246	-.129	.045	.006	-.364	260	296	-.081	.032	.097	-.211	260	441	-.187	.088	.065	-.709
260	247	-.133	.047	.006	-.362	260	297	-.081	.027	.034	-.164	260	442	-.195	.099	.083	-.743
260	248	-.131	.034	.036	-.375	260	298	-.094	.032	.034	-.213	260	443	-.196	.098	.294	-.784
260	249	-.131	.032	.020	-.294	260	299	-.092	.031	.025	-.215	260	444	-.165	.092	.178	-.666
260	250	-.131	.030	.034	-.296	260	300	-.090	.029	.014	-.199	260	445	-.161	.075	.190	-.562
260	251	-.131	.027	.029	-.266	260	301	-.085	.025	.007	-.174	260	446	-.133	.069	.253	-.467
260	252	-.132	.027	.040	-.250	260	302	-.086	.025	.039	-.169	260	447	-.116	.054	.187	-.365
260	253	-.133	.025	.029	-.248	260	303	-.086	.029	.030	-.241	260	448	-.113	.046	.126	-.327
260	254	-.134	.027	.043	-.278	260	304	-.094	.029	.039	-.255	260	449	-.117	.041	.076	-.372
260	255	-.124	.024	.036	-.199	260	305	-.094	.031	-.000	-.282	260	450	-.218	.102	.106	-.795
260	256	-.120	.029	.017	-.252	260	401	-.229	.204	.505	-1.070	260	451	-.218	.094	.196	-.687
260	257	-.127	.038	.003	-.317	260	402	-.160	.147	.380	-.749	260	452	-.184	.084	.094	-.612
260	258	-.133	.045	.025	-.341	260	403	-.156	.110	.303	-.767	260	453	-.087	.056	.156	-.345
260	259	-.135	.028	.047	-.287	260	404	-.144	.183	.677	-.673	260	454	-.092	.056	.160	-.345
260	260	-.129	.023	.024	-.203	260	405	-.146	.157	.631	-.666	260	455	-.054	.044	.187	-.218
260	261	-.122	.023	.057	-.210	260	406	-.171	.168	.633	-.934	260	456	-.078	.040	.124	-.236
260	262	-.147	.038	.036	-.482	260	407	-.134	.118	.402	-.664	260	457	-.082	.041	.176	-.238
260	263	-.151	.038	.043	-.436	260	408	-.113	.088	.321	-.446	260	458	-.084	.047	.235	-.266
260	264	-.158	.036	.034	-.410	260	409	-.026	.210	.790	-.773	260	459	-.098	.050	.217	-.299
260	265	-.158	.036	.029	-.350	260	410	-.009	.217	.865	-.803	260	460	-.108	.040	.138	-.284
260	266	-.129	.027	.031	-.250	260	411	-.125	.172	.600	-.713	260	461	-.125	.035	.097	-.281
260	267	-.125	.025	.022	-.229	260	412	-.097	.168	.740	-.631	260	462	-.057	.046	.212	-.250
260	268	-.130	.032	.047	-.382	260	413	-.214	.203	.833	-1.093	260	463	-.067	.043	.167	-.302
260	269	-.130	.034	.036	-.280	260	414	-.165	.177	.632	-.946	260	464	-.061	.041	.167	-.250
260	270	-.136	.037	.029	-.331	260	415	-.248	.227	.697	-1.516	260	465	-.024	.065	.366	-.193
260	271	-.196	.053	.057	-.478	260	416	-.209	.162	.428	-1.077	260	466	-.040	.059	.350	-.222
260	272	-.189	.054	.024	-.494	260	417	-.153	.119	.396	-.735	260	467	-.025	.059	.296	-.213

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	468	- .029	.057	.334	- .179	260	538	.186	.182	1.022	- .276	260	602	- .065	.028	.052	- .219
260	469	- .027	.059	.253	- .170	260	539	.142	.162	.754	- .311	260	603	- .085	.027	.031	- .207
260	470	- .038	.059	.280	- .227	260	540	.040	.135	.969	- .367	260	604	- .084	.029	.028	- .292
260	471	- .098	.048	.169	- .245	260	541	- .058	.078	.337	- .262	260	605	- .086	.031	.026	- .237
260	472	- .128	.048	.087	- .381	260	542	- .117	.075	.304	- .379	260	606	- .088	.029	.044	- .228
260	473	- .064	.044	.233	- .201	260	543	- .137	.124	.724	- .521	260	607	- .082	.027	.018	- .225
260	474	- .062	.039	.178	- .171	260	544	- .157	.127	.523	- .605	260	608	- .086	.023	.005	- .220
260	475	- .058	.042	.298	- .181	260	545	- .235	.093	.281	- .689	260	609	- .081	.024	.004	- .174
260	476	- .054	.043	.293	- .192	260	546	- .255	.102	.111	- .781	260	610	- .082	.026	.011	- .220
260	477	- .054	.049	.291	- .167	260	547	- .045	.136	.538	- .567	260	611	- .080	.025	.004	- .183
260	478	- .075	.041	.217	- .183	260	548	- .172	.101	.363	- .544	260	612	- .083	.026	.018	- .211
260	479	- .116	.039	.169	- .268	260	549	- .018	.104	.423	- .357	260	613	- .088	.028	.007	- .308
260	480	- .168	.065	.074	- .629	260	550	- .083	.114	.587	- .274	260	614	- .091	.031	.002	- .276
260	501	- .116	.204	.768	- .712	260	551	- .152	.125	.746	- .325	260	615	- .055	.025	.049	- .137
260	502	- .178	.229	.908	- .451	260	552	- .137	.120	.649	- .154	260	616	- .051	.025	.090	- .137
260	503	- .175	.260	1.011	- .777	260	553	- .083	.103	.541	- .276	260	617	- .048	.023	.064	- .115
260	504	- .104	.225	1.101	- .570	260	554	- .018	.075	.358	- .281	260	618	- .053	.022	.032	- .144
260	505	- .105	.230	.940	- .634	260	555	- .083	.072	.280	- .309	260	619	- .060	.023	.053	- .184
260	506	- .076	.229	1.036	- .852	260	556	- .217	.097	.220	- .689	260	620	- .067	.029	.030	- .261
260	507	- .020	.230	.889	- .694	260	557	- .220	.119	.277	- .848	260	621	- .067	.025	.018	- .219
260	508	- .011	.257	1.025	- .749	260	558	- .225	.100	.091	- .659	260	701	- .074	.024	.029	- .187
260	509	- .131	.226	1.199	- .530	260	559	- .142	.144	.612	- .772	260	702	- .055	.054	.267	- .221
260	510	- .043	.182	.892	- .598	260	560	- .057	.125	.644	- .325	260	703	- .046	.046	.251	- .205
260	511	- .165	.223	.964	- .498	260	561	- .109	.099	.342	- .542	260	704	- .076	.040	.148	- .251
260	512	- .156	.128	.621	- .941	260	562	- .041	.074	.305	- .258	260	705	- .078	.033	.055	- .272
260	513	- .100	.171	.694	- .684	260	563	- .004	.082	.379	- .249	260	707	- .075	.027	.046	- .258
260	514	- .141	.181	.752	- .083	260	564	- .016	.073	.580	- .225	260	708	- .025	.066	.388	- .273
260	515	- .151	.204	.875	- .633	260	565	- .147	.098	.621	- .124	260	709	- .003	.079	.485	- .230
260	516	- .099	.214	.994	- .920	260	566	- .116	.080	.483	- .075	260	710	- .006	.057	.319	- .164
260	517	- .052	.207	.805	- .568	260	567	- .029	.052	.224	- .179	260	711	- .049	.039	.153	- .154
260	518	- .068	.188	.747	- .477	260	568	- .067	.058	.160	- .290	260	712	- .055	.032	.105	- .150
260	519	- .084	.158	.673	- .586	260	569	- .113	.067	.183	- .463	260	713	- .047	.033	.133	- .157
260	520	- .069	.223	1.039	- .607	260	570	- .105	.077	.266	- .396	260	714	- .064	.027	.053	- .164
260	521	- .060	.177	1.071	- .612	260	571	- .088	.083	.328	- .569	260	801	- .046	.040	.185	- .156
260	522	- .021	.169	.733	- .589	260	572	- .000	.089	.409	- .428	260	802	- .088	.033	.039	- .216
260	523	- .042	.202	.815	- .728	260	573	- .067	.041	.238	- .186	260	803	- .076	.029	.053	- .198
260	524	- .136	.117	.346	- .577	260	574	- .061	.043	.183	- .172	260	901	- .118	.071	.208	- .499
260	525	- .100	.152	.770	- .376	260	575	- .059	.050	.229	- .223	260	902	- .081	.181	.723	- .768
260	526	- .198	.193	.817	- .399	260	576	- .060	.056	.275	- .281	260	903	- .057	.208	.714	- .808
260	527	- .226	.224	.957	- .376	260	577	- .053	.070	.269	- .372	260	904	- .090	.138	.511	- .643
260	528	- .098	.207	.953	- .628	260	578	- .135	.044	.021	- .313	260	905	- .011	.093	.372	- .391
260	529	- .012	.176	.805	- .777	260	579	- .051	.039	.098	- .232	260	906	- .113	.051	.118	- .407
260	530	- .066	.152	.770	- .882	260	580	- .027	.049	.153	- .267	260	907	- .083	.044	.142	- .238
260	531	- .119	.126	.509	- .626	260	581	- .009	.050	.269	- .118	260	908	- .044	.052	.217	- .254
260	532	- .184	.130	.516	- .885	260	582	- .013	.047	.202	- .127	260	909	- .096	.061	.203	- .424
260	533	- .153	.114	.411	- .763	260	583	- .072	.039	.068	- .223	260	910	- .066	.043	.137	- .294
260	534	- .025	.182	.829	- .621	260	584	- .007	.058	.245	- .152	260	911	- .077	.167	.641	- .784
260	535	- .151	.130	.430	- .635	260	585	- .001	.058	.328	- .152	260	912	- .070	.039	.116	- .235
260	536	- .062	.137	.694	- .407	260	586	- .007	.059	.275	- .152	260	913	- .198	.121	.222	- 1.001
260	537	- .158	.154	.758	- .374	260	601	- .092	.027	.014	- .212	260	914	- .075	.169	.667	- .645



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	915	-.074	.133	.540	-.577	260	1201	-.033	.076	.303	-.442	270	126	-.758	.239	-.176	-1.675
260	916	-.050	.119	.422	-.685	260	1202	-.027	.095	.356	-.581	270	127	-.305	.149	-.231	-.922
260	917	-.230	.144	.316	-.876	260	1203	-.038	.114	.298	-.644	270	128	-.231	.143	-.250	-.845
260	918	-.080	.039	.113	-.358	260	1204	-.099	.083	.719	-.121	270	129	-.181	.083	-.093	-.872
260	919	-.067	.038	.080	-.209	260	1205	-.052	.075	.412	-.172	270	130	-.190	.083	-.134	-.727
260	920	-.047	.042	.205	-.160	260	1206	-.061	.117	.289	-.718	270	131	-.251	.107	-.118	-.773
260	921	-.093	.043	.139	-.370	260	1207	-.070	.070	.215	-.466	270	132	-.349	.135	-.041	-.920
260	922	-.062	.034	.080	-.179	260	1208	-.105	.070	.138	-.551	270	133	-.456	.145	-.042	-1.193
260	923	-.108	.128	.726	-.575	260	1209	-.019	.088	.445	-.266	270	134	-.523	.171	-.033	-1.365
260	924	-.136	.179	.582	-.888	260	1210	-.059	.110	.567	-.225	270	135	-.588	.180	-.135	-1.358
260	925	-.074	.035	.064	-.351	260	1211	-.014	.086	.351	-.290	270	136	-.313	.148	-.132	-.994
260	926	-.122	.163	.469	-.949	260	1301	-.157	.078	.224	-.510	270	137	-.283	.144	-.254	-.969
260	927	-.111	.134	.422	-.709	260	1302	-.089	.061	.178	-.466	270	138	-.179	.097	-.105	-.759
260	928	-.217	.118	.226	-.765	260	1303	-.161	.091	.206	-.702	270	139	-.188	.098	-.121	-.655
260	929	-.177	.099	.243	-.631	260	1304	-.001	.071	.280	-.408	270	140	-.228	.118	-.166	-.804
260	930	-.262	.149	.233	-.897	260	1305	-.109	.065	.138	-.341	270	141	-.288	.130	-.030	-1.012
260	931	-.181	.076	.083	-.549	260	1306	-.016	.071	.314	-.329	270	142	-.354	.137	-.013	-.949
260	932	-.068	.029	.078	-.191	260	1307	-.120	.090	.550	-.172	270	143	-.450	.161	-.090	-1.166
260	933	-.071	.031	.071	-.299	260	1308	-.143	.095	.738	-.179	270	144	-.490	.184	-.096	-1.368
260	934	-.064	.030	.057	-.169	260	1309	-.022	.134	.688	-.485	270	145	-.279	.137	-.288	-.850
260	935	-.080	.037	.111	-.320	260	1310	-.045	.084	.314	-.382	270	146	-.248	.131	-.118	-.761
260	936	-.062	.033	.061	-.186	260	1311	-.003	.097	.437	-.419	270	147	-.147	.041	-.035	-.386
260	937	-.196	.092	.243	-.598	260	1312	-.044	.048	.226	-.213	270	148	-.150	.049	-.032	-.447
260	938	-.188	.074	.123	-.523	260	1313	-.054	.087	.446	-.331	270	149	-.158	.062	-.017	-.598
260	939	-.067	.033	.090	-.219	260	1314	-.154	.078	.092	-.510	270	150	-.186	.072	-.012	-.671
260	940	-.073	.102	.302	-.520	270	1401	-.268	.113	.021	-.904	270	151	-.233	.083	-.033	-.710
260	941	-.147	.065	.083	-.490	270	1402	-.307	.102	-.005	-.879	270	152	-.328	.121	-.083	-.983
260	942	-.066	.101	.370	-.511	270	1403	-.340	.131	-.034	-1.203	270	153	-.414	.160	-.049	-1.369
260	943	-.157	.080	.099	-.626	270	1404	-.226	.077	-.033	-.741	270	154	-.259	.182	-.257	-1.093
260	944	-.127	.025	-.042	-.235	270	1405	-.195	.051	-.047	-.433	270	155	-.251	.161	-.156	-.986
260	945	-.151	.062	.064	-.459	270	1406	-.248	.093	-.001	-.759	270	156	-.327	.121	-.092	-.901
260	946	-.148	.062	.130	-.461	270	1407	-.246	.082	-.008	-.635	270	157	-.489	.222	-.058	-1.977
260	947	-.060	.032	.102	-.221	270	1408	-.307	.104	-.017	-.931	270	158	-.445	.203	-.024	-1.638
260	948	-.054	.033	.115	-.166	270	1409	-.353	.120	-.002	-.997	270	159	-.091	.072	-.186	-.610
260	949	-.052	.031	.090	-.138	270	1410	-.325	.118	-.107	-1.031	270	160	-.070	.066	-.147	-.443
260	950	-.058	.040	.155	-.278	270	1411	-.221	.107	.087	-.759	270	161	-.042	.051	-.170	-.286
260	951	-.051	.037	.161	-.186	270	1412	-.211	.094	.109	-.660	270	162	-.152	.038	-.028	-.345
260	1101	-.031	.145	.557	-.699	270	1413	-.250	.104	.057	-.768	270	163	-.124	.030	-.028	-.297
260	1102	-.248	.129	.201	-.961	270	1414	-.298	.107	-.017	-.732	270	164	-.095	.028	-.058	-.220
260	1103	-.143	.059	.074	-.452	270	1415	-.386	.118	-.076	-.879	270	165	-.090	.034	-.058	-.254
260	1104	-.171	.072	-.005	-.572	270	1416	-.779	.241	-.149	-1.714	270	166	-.103	.045	-.088	-.384
260	1105	-.148	.055	.004	-.415	270	1417	-.722	.228	-.126	-1.628	270	167	-.147	.067	-.042	-.635
260	1106	-.152	.051	-.012	-.560	270	1418	-.361	.162	-.105	-1.153	270	168	-.181	.083	-.003	-.758
260	1107	-.157	.066	.034	-.554	270	1419	-.315	.154	.123	-.940	270	169	-.193	.081	-.019	-.714
260	1108	-.147	.065	.078	-.593	270	1420	-.179	.072	.048	-.560	270	170	-.042	.063	-.204	-.281
260	1109	-.156	.057	-.007	-.542	270	1421	-.195	.098	.098	-.811	270	171	-.169	.043	-.029	-.399
260	1110	-.007	.076	.416	-.204	270	1422	-.207	.093	.103	-.716	270	172	-.087	.035	-.065	-.202
260	1111	-.120	.138	.870	-.338	270	1423	-.276	.097	-.057	-.682	270	173	-.073	.036	-.121	-.181
260	1112	-.093	.164	.847	-.408	270	1424	-.508	.162	-.049	-1.202	270	174	-.064	.036	-.128	-.186
260	1113	-.101	.096	.333	-.505	270	1425	-.696	.213	-.162	-1.675	270	175	-.058	.048	-.182	-.214

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	176	- .078	.046	.210	- .319	270	248	- .159	.043	- .001	- .417	270	298	- .138	.042	.077	- .287
270	177	- .124	.061	.095	- .481	270	249	- .161	.041	- .046	- .400	270	299	- .109	.046	.133	- .244
270	178	- .178	.087	.062	- .643	270	250	- .166	.040	- .036	- .375	270	300	- .117	.043	.149	- .296
270	201	- .220	.092	.012	- .708	270	251	- .171	.038	- .076	- .337	270	301	- .090	.029	.088	- .249
270	202	- .229	.091	.039	- .689	270	252	- .166	.034	- .071	- .368	270	302	- .093	.024	.039	- .162
270	203	- .236	.091	.012	- .717	270	253	- .168	.033	- .067	- .353	270	303	- .086	.026	.140	- .162
270	204	- .209	.065	- .016	- .591	270	254	- .160	.032	- .060	- .332	270	304	- .099	.028	.067	- .205
270	205	- .198	.065	.002	- .501	270	255	- .151	.032	- .046	- .302	270	305	- .103	.028	.020	- .251
270	206	- .211	.073	.021	- .711	270	256	- .141	.036	- .050	- .337	270	401	- .574	.241	.343	- 1.448
270	207	- .217	.092	.070	- .600	270	257	- .147	.048	- .004	- .389	270	402	- .295	.156	.209	- 1.011
270	208	- .209	.095	.053	- .684	270	258	- .158	.059	- .010	- .473	270	403	- .243	.128	.109	- .929
270	209	- .200	.084	.046	- .670	270	259	- .170	.035	- .079	- .304	270	404	- .240	.180	.524	- 1.165
270	210	- .180	.064	.033	- .528	270	260	- .164	.030	- .062	- .274	270	405	- .270	.139	.327	- .933
270	211	- .191	.049	- .009	- .556	270	261	- .153	.033	- .018	- .302	270	406	- .360	.151	.311	- 1.055
270	212	- .207	.061	- .030	- .545	270	262	- .166	.045	- .064	- .490	270	407	- .276	.139	.170	- 1.058
270	213	- .191	.059	- .009	- .521	270	263	- .169	.043	- .043	- .426	270	408	- .214	.113	.114	- .870
270	214	- .197	.057	- .019	- .412	270	264	- .183	.043	- .071	- .431	270	409	- .150	.190	.886	- 1.030
270	215	- .159	.062	.033	- .407	270	265	- .157	.037	- .053	- .339	270	410	- .130	.187	.663	- .895
270	216	- .148	.055	.037	- .414	270	266	- .145	.029	- .036	- .278	270	411	- .114	.163	.624	- .812
270	217	- .150	.054	.009	- .438	270	267	- .152	.031	- .043	- .304	270	412	- .167	.155	.350	- .815
270	218	- .164	.066	.044	- .503	270	268	- .161	.038	- .053	- .323	270	413	- .404	.234	.295	- 1.264
270	219	- .154	.055	.014	- .424	270	269	- .149	.041	- .041	- .473	270	414	- .347	.203	.309	- 1.232
270	220	- .155	.054	.002	- .389	270	270	- .151	.039	- .053	- .344	270	415	- .564	.329	.348	- 1.952
270	221	- .171	.057	.014	- .426	270	271	- .141	.032	- .039	- .318	270	416	- .456	.230	.336	- 1.369
270	222	- .179	.054	.037	- .412	270	272	- .147	.037	- .055	- .325	270	417	- .238	.141	.143	- 1.006
270	223	- .166	.053	.079	- .470	270	273	- .161	.043	- .057	- .344	270	418	- .178	.092	.154	- .678
270	224	- .169	.062	.042	- .407	270	274	- .130	.029	- .015	- .267	270	419	- .165	.074	.047	- .635
270	225	- .174	.068	.056	- .496	270	275	- .141	.029	- .048	- .248	270	420	- .401	.163	.120	- 1.168
270	226	- .156	.051	- .007	- .445	270	276	- .163	.037	- .071	- .417	270	421	- .397	.168	.280	- 1.079
270	227	- .153	.050	.014	- .447	270	277	- .183	.044	- .079	- .445	270	422	- .416	.192	.186	- 1.216
270	228	- .155	.045	- .019	- .361	270	278	- .190	.048	- .064	- .598	270	423	- .370	.223	.314	- 1.421
270	229	- .158	.046	- .023	- .363	270	279	- .191	.049	- .081	- .459	270	424	- .448	.273	.450	- 1.708
270	230	- .153	.042	- .035	- .363	270	280	- .080	.021	- .001	- .175	270	425	- .410	.195	.205	- 1.147
270	231	- .150	.039	- .042	- .286	270	281	- .080	.021	- .025	- .165	270	426	- .182	.080	.187	- .680
270	232	- .155	.039	- .040	- .365	270	282	- .083	.020	- .003	- .165	270	427	- .149	.058	.053	- .505
270	233	- .153	.036	- .007	- .328	270	283	- .090	.021	- .006	- .194	270	428	- .154	.055	.024	- .537
270	234	- .158	.040	- .030	- .370	270	284	- .102	.023	- .008	- .214	270	429	- .284	.118	.069	- .875
270	235	- .156	.050	.021	- .382	270	285	- .225	.049	- .099	- .540	270	430	- .311	.124	.201	- .795
270	236	- .167	.057	.081	- .386	270	286	- .168	.037	- .055	- .369	270	431	- .367	.138	.067	- .981
270	237	- .157	.049	- .005	- .468	270	287	- .136	.039	- .043	- .446	270	432	- .179	.147	.489	- .811
270	238	- .155	.045	- .007	- .349	270	288	- .098	.023	- .017	- .205	270	433	- .249	.145	.464	- .816
270	239	- .154	.037	- .020	- .339	270	289	- .095	.024	- .010	- .240	270	434	- .233	.107	.201	- .675
270	240	- .160	.035	- .053	- .314	270	290	- .096	.024	- .001	- .212	270	435	- .170	.080	.148	- .555
270	241	- .152	.031	- .041	- .278	270	291	- .104	.023	- .029	- .214	270	436	- .146	.061	.101	- .460
270	242	- .150	.029	- .067	- .259	270	292	- .109	.025	- .029	- .237	270	437	- .150	.051	.028	- .407
270	243	- .153	.029	- .057	- .295	270	293	- .120	.039	- .024	- .444	270	438	- .356	.193	.350	- 1.102
270	244	- .147	.030	- .043	- .330	270	294	- .112	.033	- .010	- .355	270	439	- .327	.145	.137	- 1.122
270	245	- .148	.037	- .013	- .339	270	295	- .099	.029	- .034	- .212	270	440	- .284	.136	.094	- 1.099
270	246	- .151	.049	- .010	- .483	270	296	- .110	.027	- .009	- .205	270	441	- .305	.146	.126	- .884
270	247	- .164	.062	- .008	- .574	270	297	- .087	.031	- .067	- .230	270	442	- .324	.152	.198	- .979

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	443	-.297	.161	.253	-.848	270	513	.111	.114	.588	-.481	270	563	-.031	.065	.367	-.294
270	444	-.209	.137	.389	-.766	270	514	.187	.117	.695	-.375	270	564	-.015	.068	.358	-.193
270	445	-.274	.112	.074	-.895	270	515	.285	.149	.813	-.257	270	565	.267	.140	.973	-.060
270	446	-.190	.085	.157	-.668	270	516	.297	.176	.888	-.550	270	566	.237	.133	.767	-.058
270	447	-.153	.069	.226	-.566	270	517	.305	.207	.978	-.736	270	567	.005	.079	.351	-.261
270	448	-.143	.054	.117	-.392	270	518	.340	.185	1.051	-.356	270	568	-.085	.079	.213	-.411
270	449	-.153	.050	.028	-.553	270	519	-.106	.169	.676	-.687	270	569	-.194	.097	.295	-.570
270	450	-.363	.171	.189	-1.222	270	520	.367	.265	1.748	-.484	270	570	-.176	.089	.176	-.579
270	451	-.404	.172	.151	-1.192	270	521	-.002	.238	.784	-.831	270	571	-.109	.083	.234	-.546
270	452	-.341	.155	.008	-1.095	270	522	-.166	.198	.725	-.503	270	572	-.009	.081	.335	-.745
270	453	-.149	.089	.255	-.485	270	523	-.046	.249	.810	-.793	270	573	-.076	.029	.078	-.179
270	454	-.156	.088	.232	-.569	270	524	-.296	.139	.246	-.838	270	574	-.072	.036	.115	-.175
270	455	-.132	.053	.074	-.383	270	525	.120	.124	.666	-.302	270	575	-.071	.040	.169	-.212
270	456	-.154	.047	-.031	-.371	270	526	.294	.143	.773	-.244	270	576	-.078	.049	.136	-.312
270	457	-.118	.040	.017	-.419	270	527	.449	.189	1.058	-.073	270	577	-.071	.077	.270	-.491
270	458	-.118	.042	.060	-.539	270	528	.368	.188	1.065	-.316	270	578	-.123	.051	.073	-.404
270	459	-.122	.043	.092	-.478	270	529	.215	.186	.978	-.571	270	579	-.033	.059	.202	-.275
270	460	-.136	.039	.024	-.371	270	530	.116	.182	.836	-.599	270	580	-.032	.058	.220	-.256
270	461	-.149	.040	.035	-.373	270	531	-.001	.168	.503	-.562	270	581	-.010	.046	.207	-.112
270	462	-.160	.080	.101	-.684	270	532	-.327	.204	.565	-1.100	270	582	-.012	.051	.297	-.172
270	463	-.177	.068	.074	-.639	270	533	-.175	.169	.435	-.857	270	583	-.068	.048	.216	-.224
270	464	-.139	.047	-.020	-.442	270	534	-.154	.231	.624	-1.010	270	584	.000	.064	.351	-.158
270	465	-.084	.038	.180	-.226	270	535	-.342	.156	.158	-.892	270	585	-.006	.053	.279	-.142
270	466	-.134	.041	.003	-.371	270	536	.030	.120	.555	-.465	270	586	-.001	.063	.393	-.130
270	467	-.102	.029	.005	-.221	270	537	.210	.129	.836	-.155	270	601	-.093	.023	-.011	-.212
270	468	-.100	.026	.012	-.237	270	538	.368	.174	.909	-.163	270	602	-.068	.025	.036	-.177
270	469	-.095	.026	.085	-.210	270	539	.430	.195	1.131	-.068	270	603	-.084	.023	-.002	-.179
270	470	-.100	.025	.030	-.206	270	540	.360	.185	1.020	-.108	270	604	-.083	.024	.038	-.184
270	471	-.120	.031	.023	-.230	270	541	.185	.136	.697	-.219	270	605	-.085	.024	.015	-.196
270	472	-.130	.032	-.016	-.293	270	542	.002	.130	.555	-.394	270	606	-.088	.024	-.009	-.221
270	473	-.091	.037	.114	-.233	270	543	-.218	.175	.496	-.758	270	607	-.086	.023	.016	-.261
270	474	-.120	.035	.048	-.273	270	544	-.245	.173	.414	-.878	270	608	-.086	.019	-.007	-.160
270	475	-.116	.035	.044	-.284	270	545	-.416	.161	.291	-.984	270	609	-.082	.021	-.010	-.200
270	476	-.088	.027	.023	-.184	270	546	-.420	.185	.533	-1.056	270	610	-.078	.020	-.010	-.174
270	477	-.092	.026	.105	-.188	270	547	-.181	.177	.335	-.815	270	611	-.079	.020	-.002	-.164
270	478	-.095	.028	.084	-.184	270	548	-.328	.141	.131	-.876	270	612	-.084	.020	-.007	-.139
270	479	-.110	.030	.030	-.261	270	549	-.068	.095	.297	-.481	270	613	-.087	.021	-.019	-.167
270	480	-.113	.036	.011	-.322	270	550	.056	.101	.554	-.284	270	614	-.088	.021	-.005	-.174
270	501	-.234	.175	.817	-.446	270	551	.153	.125	.783	-.123	270	615	-.060	.020	-.007	-.131
270	502	.329	.204	1.020	-.666	270	552	.239	.156	.849	-.140	270	616	-.056	.021	.019	-.124
270	503	.399	.226	1.150	-.517	270	553	.212	.161	.905	-.156	270	617	-.054	.021	.040	-.129
270	504	.224	.264	1.086	-.715	270	554	.130	.139	.870	-.263	270	618	-.060	.020	.031	-.136
270	505	.337	.265	1.201	-.572	270	555	-.016	.118	.487	-.469	270	619	-.066	.019	.006	-.133
270	506	.299	.250	1.117	-.689	270	556	-.303	.188	.526	-1.023	270	620	-.067	.019	.002	-.140
270	507	-.184	.178	.761	-.836	270	557	-.201	.238	.739	-.964	270	621	-.072	.021	.015	-.222
270	508	-.164	.230	.836	-.899	270	558	-.318	.168	.314	-.960	270	701	-.081	.022	.039	-.229
270	509	.374	.187	1.053	-.564	270	559	.047	.257	.912	-.773	270	702	-.013	.062	.587	-.205
270	510	.267	.166	.893	-.394	270	560	.125	.151	.795	-.436	270	703	-.021	.055	.413	-.233
270	511	.337	.245	1.001	-.559	270	561	-.153	.149	.339	-.855	270	704	-.065	.040	.150	-.233
270	512	-.294	.162	.432	-1.098	270	562	-.089	.068	.223	-.413	270	705	-.074	.031	.074	-.259

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	707	-.077	.026	.029	-.182	270	940	-.111	.108	.222	-.675	280	101	-.227	.085	.062	-.692
270	708	.014	.082	.486	-.223	270	941	-.202	.081	.141	-.649	280	102	-.301	.115	.118	-.746
270	709	.059	.108	.752	-.214	270	942	-.094	.118	.291	-.623	280	103	-.468	.186	-.050	-1.264
270	710	.046	.075	.372	-.143	270	943	-.185	.086	.112	-.549	280	104	-.206	.057	-.008	-.475
270	711	-.016	.046	.228	-.138	270	944	-.164	.031	-.066	-.330	280	105	-.192	.050	-.015	-.457
270	712	-.043	.036	.128	-.152	270	945	-.195	.067	.060	-.563	280	106	-.227	.079	.003	-.606
270	713	-.029	.039	.160	-.138	270	946	-.210	.075	.019	-.523	280	107	-.250	.082	.030	-.601
270	714	-.072	.026	.026	-.168	270	947	-.065	.035	.135	-.193	280	108	-.319	.105	-.047	-.820
270	801	-.091	.028	.093	-.203	270	948	-.045	.041	.200	-.163	280	109	-.329	.106	-.001	-.843
270	802	-.103	.026	-.000	-.196	270	949	-.029	.042	.282	-.140	280	110	-.236	.134	.371	-.838
270	803	-.122	.033	.007	-.277	270	950	-.066	.038	.167	-.210	280	111	-.171	.060	.044	-.509
270	901	-.181	.121	.246	-.725	270	951	-.066	.030	.079	-.186	280	112	-.173	.064	.068	-.504
270	902	-.305	.212	.531	-1.158	270	1101	-.066	.109	.724	-.380	280	113	-.210	.075	.059	-.604
270	903	-.282	.227	.612	-1.353	270	1102	-.156	.089	.257	-.617	280	114	-.259	.086	-.020	-.820
270	904	-.197	.108	.319	-.839	270	1103	-.088	.049	.103	-.289	280	115	-.342	.107	-.060	-.960
270	905	-.045	.102	.469	-.343	270	1104	-.108	.059	.082	-.488	280	116	-.799	.203	-.243	-1.634
270	906	-.085	.069	.312	-.430	270	1105	-.089	.043	.039	-.277	280	117	-.618	.186	-.049	-1.434
270	907	-.060	.067	.365	-.390	270	1106	-.095	.041	.035	-.387	280	118	-.182	.148	.384	-.946
270	908	-.013	.072	.476	-.221	270	1107	-.094	.043	.070	-.293	280	119	-.115	.147	.375	-.753
270	909	-.113	.070	.198	-.464	270	1108	-.086	.044	.075	-.331	280	120	-.164	.042	-.006	-.389
270	910	-.076	.032	.050	-.237	270	1109	-.103	.048	.089	-.380	280	121	-.153	.047	.064	-.403
270	911	-.230	.221	.629	-1.020	270	1110	-.005	.066	.323	-.246	280	122	-.184	.051	-.008	-.671
270	912	-.078	.031	.103	-.204	270	1111	-.033	.110	.862	-.464	280	123	-.216	.056	-.031	-.520
270	913	-.300	.230	.479	-1.515	270	1112	-.015	.130	.794	-.300	280	124	-.429	.136	-.105	-1.010
270	914	-.238	.135	.436	-.763	270	1113	-.102	.062	.206	-.406	280	125	-.810	.188	-.261	-1.614
270	915	-.200	.155	.269	-.916	270	1201	-.004	.096	.475	-.347	280	126	-.777	.211	-.071	-1.695
270	916	-.058	.114	.315	-.818	270	1202	-.036	.125	.417	-.657	280	127	-.134	.179	.463	-.996
270	917	-.278	.123	.129	-.839	270	1203	-.036	.158	.536	-.621	280	128	-.055	.165	.461	-.712
270	918	-.064	.037	.150	-.249	270	1204	-.246	.139	.843	-.125	280	129	-.161	.037	-.029	-.347
270	919	-.040	.049	.217	-.245	270	1205	-.107	.107	.656	-.204	280	130	-.163	.042	-.040	-.383
270	920	-.004	.059	.315	-.166	270	1206	-.149	.150	.325	-.870	280	131	-.198	.055	-.020	-.678
270	921	-.101	.045	.165	-.411	270	1207	-.101	.087	.178	-.488	280	132	-.259	.095	-.038	-.958
270	922	-.067	.030	.088	-.228	270	1208	-.096	.069	.159	-.497	280	133	-.468	.159	-.044	-1.068
270	923	-.232	.184	.567	-1.032	270	1209	-.001	.077	.388	-.394	280	134	-.737	.188	-.204	-1.555
270	924	-.366	.171	.276	-1.023	270	1210	-.039	.125	.665	-.293	280	135	-.781	.208	-.200	-1.513
270	925	-.078	.029	.067	-.209	270	1211	-.053	.098	.461	-.305	280	136	-.153	.181	.461	-.908
270	926	-.348	.212	.395	-1.480	270	1301	-.282	.116	.105	-.809	280	137	-.102	.182	.409	-.825
270	927	-.267	.141	.265	-.901	270	1302	-.198	.070	.049	-.507	280	138	-.157	.039	-.017	-.513
270	928	-.400	.137	.031	-1.001	270	1303	-.324	.134	.054	-.959	280	139	-.158	.044	.012	-.577
270	929	-.281	.097	.081	-.678	270	1304	-.068	.096	.555	-.305	280	140	-.178	.057	.066	-.610
270	930	-.457	.137	.040	-1.032	270	1305	-.194	.074	.037	-.474	280	141	-.223	.086	.021	-.698
270	931	-.215	.083	.096	-.625	270	1306	-.043	.117	.534	-.333	280	142	-.352	.127	-.031	-1.050
270	932	-.065	.033	.131	-.183	270	1307	-.203	.119	.661	-.179	280	143	-.574	.177	-.148	-1.434
270	933	-.063	.033	.086	-.180	270	1308	-.281	.152	.843	-.068	280	144	-.592	.185	-.085	-1.628
270	934	-.049	.035	.105	-.164	270	1309	-.054	.195	.190	-.769	280	145	-.155	.150	.357	-.743
270	935	-.085	.035	.074	-.278	270	1310	-.050	.144	.590	-.542	280	146	-.146	.147	.323	-.712
270	936	-.072	.028	.086	-.176	270	1311	-.088	.136	.672	-.621	280	147	-.167	.036	-.053	-.358
270	937	-.232	.097	.110	-.725	270	1312	-.032	.067	.354	-.258	280	148	-.156	.038	-.051	-.342
270	938	-.215	.073	-.023	-.587	270	1313	-.196	.144	.843	-.242	280	149	-.147	.046	.024	-.412
270	939	-.073	.028	.077	-.195	270	1314	-.265	.121	.124	-.772	280	150	-.173	.061	.033	-.544

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	151	-.247	.091	.031	-.764	280	223	-.172	.046	-.021	-.395	280	273	-.185	.033	-.071	-.336
280	152	-.341	.113	-.087	-.962	280	224	-.164	.049	-.018	-.390	280	274	-.174	.028	-.059	-.282
280	153	-.411	.150	.024	-1.287	280	225	-.166	.054	-.044	-.399	280	275	-.190	.029	-.092	-.312
280	154	-.144	.176	.415	-1.019	280	226	-.180	.051	-.028	-.409	280	276	-.216	.037	-.125	-.401
280	155	-.148	.162	.437	-.887	280	227	-.187	.051	-.007	-.376	280	277	-.230	.042	-.127	-.469
280	156	-.366	.121	-.058	-.871	280	228	-.190	.045	-.044	-.418	280	278	-.238	.046	-.111	-.491
280	157	-.502	.218	.003	-1.577	280	229	-.189	.039	-.079	-.365	280	279	-.228	.043	-.092	-.458
280	158	-.449	.197	.072	-1.518	280	230	-.182	.035	-.065	-.330	280	280	-.083	.025	-.006	-.172
280	159	-.054	.093	.381	-.505	280	231	-.171	.031	-.058	-.314	280	281	-.085	.025	-.003	-.216
280	160	.017	.077	.326	-.360	280	232	-.180	.033	-.084	-.316	280	282	-.090	.023	-.009	-.183
280	161	.017	.060	.262	-.210	280	233	-.172	.032	-.072	-.314	280	283	-.100	.022	-.033	-.254
280	162	-.172	.038	-.067	-.419	280	234	-.162	.036	-.044	-.337	280	284	-.112	.025	-.019	-.222
280	163	-.133	.032	-.026	-.287	280	235	-.165	.043	-.007	-.335	280	285	-.254	.050	-.135	-.506
280	164	-.095	.033	.069	-.260	280	236	-.161	.044	-.014	-.362	280	286	-.192	.038	-.076	-.373
280	165	-.080	.038	.076	-.321	280	237	-.190	.045	-.021	-.406	280	287	-.152	.038	-.038	-.411
280	166	-.097	.055	.078	-.387	280	238	-.194	.045	-.033	-.437	280	288	-.106	.025	-.015	-.213
280	167	-.144	.069	.044	-.719	280	239	-.190	.037	-.092	-.387	280	289	-.101	.026	-.004	-.213
280	168	-.178	.080	-.008	-.596	280	240	-.199	.037	-.087	-.322	280	290	-.104	.026	-.007	-.215
280	169	-.171	.070	.017	-.696	280	241	-.194	.034	-.087	-.331	280	291	-.116	.026	-.005	-.232
280	170	.021	.069	.358	-.233	280	242	-.181	.029	-.078	-.294	280	292	-.122	.026	-.026	-.232
280	171	.202	.043	-.085	-.397	280	243	-.183	.028	-.094	-.280	280	293	-.118	.026	-.036	-.253
280	172	.098	.038	.080	-.234	280	244	-.176	.030	-.083	-.301	280	294	-.124	.026	-.012	-.310
280	173	.076	.042	.134	-.218	280	245	-.163	.032	-.071	-.301	280	295	-.127	.024	-.007	-.218
280	174	.056	.041	.158	-.173	280	246	-.165	.035	-.045	-.394	280	296	-.137	.027	-.038	-.234
280	175	.057	.048	.245	-.234	280	247	-.165	.036	-.048	-.380	280	297	-.099	.034	-.037	-.222
280	176	.090	.055	.224	-.357	280	248	-.208	.050	-.043	-.474	280	298	-.164	.048	-.033	-.383
280	177	.147	.072	.137	-.506	280	249	-.212	.045	-.057	-.423	280	299	-.127	.056	.200	-.284
280	178	.211	.103	.063	-.716	280	250	-.209	.041	-.097	-.432	280	300	-.134	.052	.217	-.314
280	201	.211	.067	-.002	-.502	280	251	-.205	.033	-.106	-.348	280	301	-.098	.033	.155	-.196
280	202	.217	.064	-.005	-.516	280	252	-.198	.034	-.099	-.406	280	302	-.101	.027	.042	-.206
280	203	.244	.078	-.040	-.687	280	253	-.193	.028	-.108	-.310	280	303	-.099	.027	.089	-.215
280	204	.207	.055	-.051	-.483	280	254	-.206	.037	-.076	-.399	280	304	-.115	.028	.030	-.244
280	205	.201	.061	-.004	-.463	280	255	-.182	.029	-.069	-.329	280	305	-.119	.029	-.026	-.265
280	206	.210	.065	-.011	-.497	280	256	-.173	.033	-.073	-.319	280	401	-.528	.212	.063	-1.362
280	207	.225	.068	-.000	-.636	280	257	-.167	.032	-.038	-.298	280	402	-.292	.107	.133	-.887
280	208	.235	.078	-.021	-.597	280	258	-.170	.038	-.040	-.420	280	403	-.238	.087	.019	-.705
280	209	.210	.063	-.021	-.525	280	259	-.200	.033	-.094	-.308	280	404	-.215	.130	.425	-.659
280	210	.200	.056	-.030	-.471	280	260	-.198	.029	-.104	-.308	280	405	-.263	.107	.137	-.739
280	211	.202	.042	-.077	-.476	280	261	-.184	.030	-.083	-.291	280	406	-.331	.111	.047	-.794
280	212	.204	.047	-.056	-.411	280	262	-.206	.040	-.078	-.455	280	407	-.277	.093	.066	-.680
280	213	.203	.055	-.024	-.490	280	263	-.210	.039	-.064	-.404	280	408	-.248	.085	.054	-.631
280	214	.215	.064	-.042	-.516	280	264	-.212	.039	-.087	-.425	280	409	-.057	.158	.664	-.657
280	215	.196	.061	-.007	-.490	280	265	-.194	.031	-.085	-.312	280	410	-.050	.176	.603	-.767
280	216	.189	.057	-.000	-.430	280	266	-.193	.029	-.090	-.329	280	411	-.091	.138	.567	-.596
280	217	.197	.057	-.028	-.467	280	267	-.202	.030	-.085	-.350	280	412	-.134	.122	.453	-.667
280	218	.200	.057	-.007	-.562	280	268	-.196	.035	-.104	-.425	280	413	-.349	.200	.340	-1.080
280	219	.187	.046	-.033	-.439	280	269	-.193	.035	-.090	-.350	280	414	-.315	.177	.403	-1.230
280	220	.176	.040	-.051	-.367	280	270	-.195	.035	-.080	-.385	280	415	-.630	.285	.521	-1.627
280	221	.189	.043	-.058	-.360	280	271	-.172	.029	-.087	-.282	280	416	-.595	.194	-.031	-1.564
280	222	.178	.041	-.033	-.346	280	272	-.168	.028	-.080	-.277	280	417	-.307	.140	.158	-.955

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	418	- .229	.099	.083	- .660	280	468	- .134	.030	- .022	- .357	280	538	.330	.156	1.001	- .103
280	419	- .210	.088	.124	- .778	280	469	- .131	.028	- .016	- .285	280	539	.335	.147	.941	- .115
280	420	- .527	.202	.008	- 1.521	280	470	- .126	.027	- .038	- .237	280	540	.295	.158	.891	- .115
280	421	- .456	.177	.128	- 1.123	280	471	- .151	.028	- .002	- .258	280	541	.157	.135	.715	- .203
280	422	- .481	.209	.203	- 1.448	280	472	- .156	.028	- .029	- .289	280	542	- .009	.138	.591	- .365
280	423	- .393	.233	.419	- 1.428	280	473	- .133	.039	- .056	- .260	280	543	- .197	.163	.646	- .681
280	424	- .633	.290	.312	- 1.662	280	474	- .182	.038	- .069	- .378	280	544	- .264	.163	.563	- .972
280	425	- .587	.200	.116	- 1.309	280	475	- .171	.036	- .045	- .317	280	545	- .455	.158	.187	- .986
280	426	- .244	.077	.064	- .615	280	476	- .121	.029	- .028	- .220	280	546	- .497	.218	.505	- 1.251
280	427	- .182	.062	.046	- .617	280	477	- .120	.027	- .028	- .222	280	547	- .067	.189	.488	- .882
280	428	- .182	.055	.064	- .506	280	478	- .116	.025	- .026	- .236	280	548	- .183	.154	.373	- .875
280	429	- .326	.126	.136	- .820	280	479	- .116	.023	- .019	- .218	280	549	.022	.127	.561	- .420
280	430	- .350	.126	.206	- .836	280	480	- .117	.027	- .041	- .274	280	550	.090	.116	.563	- .211
280	431	- .397	.140	.156	- .863	280	501	.234	.187	.913	- .374	280	551	.159	.110	.632	- .129
280	432	- .154	.161	.516	- .642	280	502	.288	.197	.936	- .574	280	552	.177	.115	.867	- .112
280	433	- .341	.119	.254	- .891	280	503	.279	.195	1.036	- .432	280	553	.158	.126	.735	- .223
280	434	- .345	.111	.032	- .796	280	504	.185	.241	.934	- .534	280	554	.041	.126	.646	- .270
280	435	- .241	.084	.012	- .667	280	505	.255	.230	1.166	- .405	280	555	- .106	.126	.528	- .460
280	436	- .194	.065	.064	- .465	280	506	.230	.234	1.105	- .491	280	556	- .347	.162	.257	- .955
280	437	- .181	.054	- .016	- .427	280	507	- .114	.188	.863	- .696	280	557	- .276	.219	.756	- 1.039
280	438	- .422	.199	.256	- 1.196	280	508	- .179	.167	.649	- .703	280	558	- .397	.163	.269	- .966
280	439	- .448	.146	- .011	- 1.169	280	509	.301	.171	.882	- .251	280	559	- .118	.271	.987	- 1.148
280	440	- .406	.136	- .029	- 1.171	280	510	.215	.133	.798	- .201	280	560	.097	.137	.895	- .404
280	441	- .349	.136	.172	- .915	280	511	.315	.194	.920	- .451	280	561	- .049	.161	.547	- .658
280	442	- .385	.150	.272	- 1.017	280	512	- .073	.171	.518	- .945	280	562	- .052	.076	.290	- .312
280	443	- .339	.152	.299	- 1.019	280	513	.188	.137	.691	- .246	280	563	- .010	.070	.443	- .239
280	444	- .312	.126	.050	- .886	280	514	.213	.133	.706	- .291	280	564	.033	.065	.309	- .143
280	445	- .331	.105	- .004	- .829	280	515	.253	.138	.701	- .286	280	565	.237	.123	.884	- .044
280	446	- .259	.082	.075	- .619	280	516	.216	.149	.825	- .232	280	566	.184	.102	.603	- .084
280	447	- .221	.068	.012	- .581	280	517	.197	.177	.841	- .313	280	567	- .085	.084	.257	- .347
280	448	- .203	.064	.012	- .590	280	518	.332	.170	.963	- .184	280	568	- .165	.090	.227	- .498
280	449	- .203	.058	.005	- .517	280	519	- .069	.147	.699	- .448	280	569	- .288	.106	.297	- .696
280	450	- .450	.151	.021	- 1.175	280	520	.343	.226	1.343	- .365	280	570	- .279	.110	.149	- .752
280	451	- .489	.163	- .022	- 1.320	280	521	.031	.205	.879	- .574	280	571	- .107	.109	.293	- .719
280	452	- .416	.162	- .056	- 1.693	280	522	.238	.191	1.063	- .455	280	572	- .019	.121	.467	- 1.013
280	453	- .208	.095	.333	- .628	280	523	.201	.249	.955	- .746	280	573	- .087	.033	.123	- .209
280	454	- .215	.093	.249	- .628	280	524	- .085	.183	.427	- .848	280	574	- .086	.036	.161	- .199
280	455	- .166	.059	.018	- .443	280	525	.241	.160	.879	- .336	280	575	- .083	.042	.173	- .206
280	456	- .186	.046	- .036	- .434	280	526	.316	.156	1.008	- .142	280	576	- .093	.055	.166	- .352
280	457	- .157	.043	- .022	- .407	280	527	.372	.155	1.043	- .084	280	577	- .104	.083	.141	- .578
280	458	- .154	.043	- .005	- .423	280	528	.286	.147	1.105	- .103	280	578	- .116	.051	.102	- .423
280	459	- .153	.042	- .011	- .438	280	529	.213	.153	.791	- .213	280	579	- .006	.059	.246	- .321
280	460	- .163	.037	- .043	- .373	280	530	.154	.173	.851	- .393	280	580	- .002	.068	.283	- .326
280	461	- .176	.039	- .016	- .391	280	531	.036	.164	.967	- .515	280	581	- .059	.065	.367	- .108
280	462	- .189	.067	- .036	- .567	280	532	- .296	.189	.356	- .905	280	582	- .056	.059	.294	- .100
280	463	- .207	.066	- .058	- .592	280	533	- .155	.149	.577	- .696	280	583	- .065	.050	.161	- .246
280	464	- .174	.045	- .049	- .361	280	534	- .073	.250	.901	- .953	280	584	.026	.068	.330	- .157
280	465	- .131	.041	- .055	- .296	280	535	- .130	.193	.627	- .969	280	585	.043	.076	.453	- .136
280	466	- .203	.050	- .034	- .432	280	536	.133	.158	.836	- .343	280	586	.043	.070	.432	- .119
280	467	- .143	.032	- .029	- .267	280	537	.253	.147	.881	- .176	280	601	- .098	.024	.001	- .223

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	602	-.076	.024	.031	-.220	280	915	-.204	.132	.182	-.805	280	1201	-.003	.084	.316	-.350
280	603	-.090	.026	.017	-.218	280	916	-.114	.113	.273	-.575	280	1202	-.062	.125	.491	-.605
280	604	-.087	.025	.067	-.260	280	917	-.410	.121	-.000	-.862	280	1203	-.028	.159	.453	-.848
280	605	-.091	.025	-.001	-.209	280	918	-.061	.048	.216	-.368	280	1204	.204	.116	.772	-.073
280	606	-.093	.024	-.004	-.185	280	919	-.017	.052	.303	-.188	280	1205	.136	.109	.616	-.189
280	607	-.092	.024	-.003	-.192	280	920	-.016	.056	.287	-.143	280	1206	-.078	.158	.385	-.768
280	608	-.094	.020	-.022	-.168	280	921	-.124	.054	.068	-.366	280	1207	-.084	.093	.257	-.527
280	609	-.089	.022	-.031	-.203	280	922	-.067	.030	.078	-.200	280	1208	-.093	.079	.238	-.565
280	610	-.085	.021	-.004	-.159	280	923	-.243	.152	.394	-.840	280	1209	-.014	.075	.545	-.308
280	611	-.085	.021	-.004	-.154	280	924	-.364	.131	.052	-1.073	280	1210	.011	.099	.604	-.310
280	612	-.091	.021	-.005	-.166	280	925	-.083	.034	.047	-.214	280	1211	.071	.090	.531	-.385
280	613	-.095	.021	-.007	-.196	280	926	-.421	.148	.315	-1.061	280	1301	-.370	.118	.035	-.867
280	614	-.094	.022	-.017	-.189	280	927	-.288	.106	.116	-.774	280	1302	-.289	.070	-.092	-.612
280	615	-.069	.023	.022	-.151	280	928	-.388	.098	-.105	-.762	280	1303	-.395	.121	-.017	-.921
280	616	-.063	.021	.048	-.127	280	929	-.299	.077	-.007	-.608	280	1304	-.027	.105	.441	-.621
280	617	-.059	.022	.031	-.132	280	930	-.438	.119	-.107	-.893	280	1305	-.273	.073	.021	-.567
280	618	-.069	.019	-.005	-.144	280	931	-.236	.082	.033	-.567	280	1306	-.050	.136	.512	-.501
280	619	-.078	.020	-.004	-.154	280	932	-.054	.038	.121	-.169	280	1307	.214	.121	.784	-.159
280	620	-.081	.023	.024	-.175	280	933	-.052	.038	.159	-.190	280	1308	.256	.133	.841	-.097
280	621	-.082	.023	-.004	-.191	280	934	-.041	.035	.140	-.157	280	1309	-.005	.177	.857	-.778
280	701	-.086	.023	.011	-.186	280	935	-.102	.044	.076	-.525	280	1310	-.096	.146	.548	-.548
280	702	-.024	.056	.356	-.264	280	936	-.073	.030	.045	-.212	280	1311	.041	.134	.663	-.480
280	703	-.026	.047	.290	-.224	280	937	-.226	.065	.028	-.506	280	1312	-.078	.063	.352	-.288
280	704	-.071	.039	.115	-.187	280	938	-.217	.058	-.053	-.458	280	1313	.156	.143	.841	-.307
280	705	-.080	.034	.131	-.229	280	939	-.078	.031	.040	-.247	280	1314	-.349	.116	.158	-.872
280	707	-.084	.026	.026	-.219	280	940	-.176	.104	.235	-.541	290	101	-.248	.062	.007	-.603
280	708	.020	.081	.430	-.186	280	941	-.192	.070	.080	-.473	290	102	-.354	.127	-.006	-.880
280	709	.064	.098	.621	-.179	280	942	-.163	.099	.180	-.522	290	103	-.727	.208	-.039	-1.514
280	710	.064	.076	.426	-.104	280	943	-.223	.078	-.004	-.591	290	104	-.261	.057	-.046	-.542
280	711	-.018	.044	.167	-.147	280	944	-.197	.031	-.102	-.328	290	105	-.254	.051	-.077	-.477
280	712	-.048	.033	.137	-.168	280	945	-.203	.050	-.026	-.401	290	106	-.260	.055	-.066	-.544
280	713	-.037	.038	.171	-.152	280	946	-.198	.063	.042	-.465	290	107	-.309	.073	-.075	-.571
280	714	-.081	.028	.034	-.186	280	947	-.059	.041	.148	-.221	290	108	-.421	.111	-.061	-.815
280	801	-.141	.030	.009	-.253	280	948	-.026	.050	.246	-.167	290	109	-.416	.098	-.095	-.849
280	802	-.136	.027	-.035	-.239	280	949	-.019	.044	.276	-.153	290	110	-.161	.157	.568	-.675
280	803	-.142	.041	-.012	-.323	280	950	-.076	.039	.146	-.290	290	111	-.191	.041	-.035	-.428
280	901	-.286	.112	.116	-.885	280	951	-.065	.032	.069	-.188	290	112	-.174	.042	-.052	-.473
280	902	-.344	.167	.462	-1.025	280	1101	-.092	.091	.460	-.435	290	113	-.201	.047	-.026	-.480
280	903	-.278	.159	.507	-.893	280	1102	-.135	.064	.200	-.515	290	114	-.235	.060	-.070	-.555
280	904	-.178	.090	.235	-.541	280	1103	-.095	.043	.092	-.262	290	115	-.336	.095	-.070	-.729
280	905	-.087	.113	.534	-.299	280	1104	-.102	.046	.068	-.324	290	116	-.882	.223	-.266	-1.667
280	906	-.117	.086	.358	-.541	280	1105	-.093	.038	.082	-.241	290	117	-.598	.188	.039	-1.254
280	907	-.024	.065	.424	-.233	280	1106	-.096	.036	.049	-.234	290	118	-.083	.138	.444	-1.011
280	908	-.026	.072	.351	-.209	280	1107	-.092	.044	.085	-.317	290	119	-.007	.124	.424	-.520
280	909	-.127	.081	.099	-.518	280	1108	-.074	.040	.106	-.277	290	120	-.193	.031	-.061	-.304
280	910	-.082	.037	.130	-.295	280	1109	-.098	.052	.149	-.373	290	121	-.172	.032	-.072	-.319
280	911	-.264	.176	.448	-.847	280	1110	-.011	.062	.342	-.218	290	122	-.187	.037	-.035	-.393
280	912	-.081	.034	.076	-.231	280	1111	-.008	.085	.460	-.267	290	123	-.211	.049	-.026	-.444
280	913	-.383	.215	.410	-1.277	280	1112	-.026	.107	.616	-.362	290	124	-.389	.160	-.046	-1.069
280	914	-.248	.116	.076	-.940	280	1113	-.088	.059	.212	-.314	290	125	-.907	.225	-.244	-1.872

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	126	- .768	.254	.019	-1.954	290	176	- .060	.049	.127	- .391	290	248	- .294	.062	- .124	- .607
290	127	- .070	.170	.784	- .551	290	177	- .090	.060	.179	- .457	290	249	- .283	.055	- .120	- .593
290	128	- .137	.154	.662	- .513	290	178	- .106	.068	.125	- .518	290	250	- .265	.047	- .126	- .471
290	129	- .199	.032	- .072	- .328	290	201	- .261	.067	- .039	- .528	290	251	- .254	.040	- .111	- .414
290	130	- .181	.033	- .061	- .313	290	202	- .264	.067	- .054	- .577	290	252	- .243	.035	- .124	- .441
290	131	- .190	.041	- .035	- .415	290	203	- .308	.094	- .070	- .866	290	253	- .246	.030	- .124	- .419
290	132	- .228	.069	- .030	- .807	290	204	- .261	.062	- .084	- .744	290	254	- .242	.036	- .124	- .382
290	133	- .382	.170	- .015	-1.111	290	205	- .255	.058	- .036	- .453	290	255	- .229	.036	- .108	- .373
290	134	- .854	.235	.005	-1.707	290	206	- .252	.058	- .016	- .465	290	256	- .218	.037	- .086	- .378
290	135	- .825	.265	.068	-1.861	290	207	- .284	.069	- .027	- .621	290	257	- .218	.037	- .081	- .348
290	136	- .023	.186	.595	- .657	290	208	- .279	.072	- .045	- .616	290	258	- .215	.039	- .095	- .416
290	137	- .049	.178	.653	- .749	290	209	- .257	.068	- .013	- .664	290	259	- .251	.037	- .129	- .439
290	138	- .199	.036	- .088	- .359	290	210	- .244	.058	- .084	- .564	290	260	- .242	.035	- .138	- .419
290	139	- .181	.037	- .050	- .342	290	211	- .254	.048	- .088	- .480	290	261	- .232	.033	- .124	- .360
290	140	- .172	.047	- .019	- .437	290	212	- .246	.050	- .084	- .448	290	262	- .260	.048	- .129	- .450
290	141	- .181	.066	.045	- .731	290	213	- .264	.058	- .063	- .496	290	263	- .258	.048	- .113	- .514
290	142	- .283	.138	.048	-1.011	290	214	- .265	.057	- .056	- .511	290	264	- .259	.044	- .131	- .444
290	143	- .386	.201	- .079	-1.525	290	215	- .254	.076	- .018	- .612	290	265	- .255	.041	- .108	- .432
290	144	- .540	.220	.206	-1.536	290	216	- .241	.065	- .002	- .480	290	266	- .265	.037	- .138	- .439
290	145	- .063	.142	.457	- .542	290	217	- .234	.056	- .025	- .457	290	267	- .285	.046	- .131	- .734
290	146	- .052	.129	.408	- .522	290	218	- .238	.050	- .043	- .516	290	268	- .284	.049	- .163	- .586
290	147	- .237	.045	- .044	- .535	290	219	- .228	.046	- .091	- .480	290	269	- .283	.051	- .158	- .548
290	148	- .199	.040	- .048	- .391	290	220	- .204	.036	- .091	- .341	290	270	- .278	.047	- .147	- .555
290	149	- .161	.045	.013	- .411	290	221	- .216	.039	- .100	- .382	290	271	- .190	.032	- .101	- .312
290	150	- .156	.056	.004	- .444	290	222	- .199	.036	- .056	- .350	290	272	- .195	.032	- .104	- .312
290	151	- .217	.087	.044	- .720	290	223	- .186	.039	- .031	- .405	290	273	- .211	.039	- .099	- .367
290	152	- .342	.126	- .061	-1.110	290	224	- .182	.038	- .052	- .377	290	274	- .215	.037	- .122	- .414
290	153	- .395	.151	.066	-1.236	290	225	- .180	.037	- .038	- .357	290	275	- .257	.041	- .140	- .412
290	154	- .018	.170	.645	- .812	290	226	- .244	.066	- .020	- .511	290	276	- .286	.049	- .156	- .557
290	155	- .062	.180	.461	-1.032	290	227	- .238	.057	- .031	- .450	290	277	- .311	.055	- .178	- .575
290	156	- .357	.125	- .014	- .996	290	228	- .225	.046	- .079	- .411	290	278	- .326	.064	- .174	- .709
290	157	- .512	.219	.060	-1.540	290	229	- .231	.040	- .106	- .418	290	279	- .316	.067	- .149	- .858
290	158	- .463	.200	.188	-1.572	290	230	- .218	.037	- .125	- .366	290	280	- .105	.025	- .006	- .228
290	159	- .129	.141	.367	- .648	290	231	- .202	.031	- .111	- .352	290	281	- .106	.024	- .015	- .203
290	160	- .023	.087	.351	- .377	290	232	- .207	.032	- .102	- .336	290	282	- .112	.022	- .022	- .217
290	161	- .021	.071	.378	- .178	290	233	- .198	.033	- .077	- .343	290	283	- .126	.021	- .056	- .212
290	162	- .253	.050	- .111	- .548	290	234	- .187	.036	- .052	- .304	290	284	- .141	.030	- .028	- .285
290	163	- .188	.035	.041	- .348	290	235	- .186	.035	- .068	- .329	290	285	- .318	.071	- .165	- .614
290	164	- .128	.032	- .005	- .312	290	236	- .185	.035	- .077	- .323	290	286	- .231	.051	- .068	- .464
290	165	- .094	.032	.022	- .265	290	237	- .238	.051	- .075	- .509	290	287	- .160	.044	- .031	- .369
290	166	- .091	.040	.066	- .362	290	238	- .229	.045	- .088	- .443	290	288	- .112	.027	- .014	- .238
290	167	- .117	.048	.058	- .456	290	239	- .240	.039	- .120	- .373	290	289	- .112	.026	- .012	- .219
290	168	- .144	.053	.037	- .440	290	240	- .244	.038	- .129	- .371	290	290	- .123	.027	- .035	- .226
290	169	- .151	.053	- .001	- .418	290	241	- .234	.038	- .131	- .416	290	291	- .154	.033	- .061	- .304
290	170	- .038	.079	.443	- .196	290	242	- .216	.029	- .124	- .367	290	292	- .161	.036	- .052	- .301
290	171	- .245	.065	- .075	- .584	290	243	- .221	.034	- .122	- .355	290	293	- .140	.025	- .059	- .256
290	172	- .126	.037	.061	- .299	290	244	- .215	.033	- .101	- .326	290	294	- .139	.024	- .047	- .245
290	173	- .099	.037	.132	- .200	290	245	- .200	.033	- .097	- .403	290	295	- .142	.025	- .009	- .240
290	174	- .070	.042	.127	- .200	290	246	- .192	.032	- .088	- .319	290	296	- .155	.028	- .066	- .268
290	175	- .055	.047	.193	- .228	290	247	- .196	.035	- .065	- .376	290	297	- .137	.043	- .040	- .273



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	298	- .230	.051	.019	- .412	290	443	- .524	.152	.050	-1.097	290	513	.355	.165	.935	- .308
290	299	- .181	.045	.118	- .334	290	444	- .408	.159	.297	-1.090	290	514	.328	.164	.829	- .206
290	300	- .168	.037	.089	- .336	290	445	- .421	.115	- .051	- .863	290	515	.338	.175	.983	- .296
290	301	- .120	.028	.019	- .233	290	446	- .360	.103	- .013	- .818	290	516	.261	.156	.812	- .263
290	302	- .124	.027	- .023	- .228	290	447	- .325	.084	- .071	- .671	290	517	.131	.179	.883	- .607
290	303	- .127	.026	- .028	- .240	290	448	- .295	.069	- .082	- .633	290	518	.333	.183	.900	- .313
290	304	- .154	.038	- .049	- .339	290	449	- .295	.070	- .058	- .622	290	519	- .163	.085	.221	- .519
290	305	- .162	.042	- .061	- .388	290	450	- .564	.156	- .002	-1.155	290	520	.256	.252	.253	- .472
290	401	- .440	.174	- .043	-1.370	290	451	- .584	.167	- .147	-1.398	290	521	- .096	.171	.589	- .635
290	402	- .314	.090	- .025	- .709	290	452	- .502	.139	- .073	-1.213	290	522	.236	.168	.803	- .384
290	403	- .309	.096	- .001	- .765	290	453	- .316	.090	.070	- .682	290	523	.414	.212	.1.066	- .436
290	404	- .249	.106	.184	- .779	290	454	- .331	.089	.052	- .684	290	524	.174	.186	.717	- .521
290	405	- .235	.091	- .049	- .774	290	455	- .202	.060	.076	- .533	290	525	.406	.184	.1.040	- .173
290	406	- .326	.090	- .033	- .788	290	456	- .248	.046	.107	- .450	290	526	.486	.169	.1.135	- .100
290	407	- .297	.074	- .075	- .664	290	457	- .216	.043	- .082	- .432	290	527	.465	.200	.1.059	- .175
290	408	- .298	.087	.052	- .770	290	458	- .209	.046	- .049	- .441	290	528	.320	.180	.1.104	- .362
290	409	- .025	.159	.492	- .612	290	459	- .209	.044	- .044	- .441	290	529	.190	.173	.781	- .325
290	410	- .053	.184	.569	-1.240	290	460	- .214	.043	- .082	- .441	290	530	.101	.156	.762	- .507
290	411	- .131	.118	.302	- .606	290	461	- .227	.040	.102	- .397	290	531	- .045	.154	.613	- .519
290	412	- .174	.093	.226	- .509	290	462	- .240	.065	.031	- .586	290	532	- .489	.176	.432	-1.172
290	413	- .611	.175	.024	-1.413	290	463	- .274	.065	- .120	- .604	290	533	- .256	.161	.686	- .994
290	414	- .480	.137	- .007	-1.027	290	464	- .228	.046	- .075	- .468	290	534	.267	.206	.940	- .652
290	415	- .960	.249	- .102	-1.809	290	465	- .171	.045	- .152	- .321	290	535	.101	.186	.893	- .762
290	416	- .644	.160	- .214	-1.206	290	466	- .262	.052	- .122	- .501	290	536	.289	.188	.902	- .381
290	417	- .419	.124	- .034	- .973	290	467	- .202	.033	- .089	- .334	290	537	.392	.169	.1.013	- .028
290	418	- .326	.105	- .028	- .794	290	468	- .180	.031	- .073	- .350	290	538	.384	.193	.1.111	- .256
290	419	- .311	.115	- .025	- .953	290	469	- .167	.028	- .042	- .303	290	539	.301	.182	.895	- .215
290	420	- .643	.161	- .196	-1.417	290	470	- .165	.029	- .051	- .292	290	540	.219	.169	.776	- .239
290	421	- .692	.164	- .146	-1.262	290	471	- .157	.023	- .080	- .273	290	541	.027	.118	.520	- .358
290	422	- .699	.184	- .005	-1.448	290	472	- .153	.026	- .080	- .279	290	542	- .160	.130	.549	- .593
290	423	- .653	.217	- .034	-1.538	290	473	- .182	.030	- .019	- .294	290	543	- .334	.140	.231	- .799
290	424	- .952	.267	- .149	-2.027	290	474	- .178	.028	- .075	- .304	290	544	- .363	.146	.520	- .799
290	425	- .780	.207	- .087	-1.597	290	475	- .171	.026	- .073	- .273	290	545	- .584	.159	.103	-1.195
290	426	- .324	.083	- .042	- .811	290	476	- .144	.026	- .007	- .249	290	546	- .616	.181	.394	-1.241
290	427	- .268	.090	- .020	- .867	290	477	- .144	.023	- .035	- .226	290	547	- .064	.133	.538	- .384
290	428	- .258	.087	- .018	- .843	290	478	- .141	.024	- .061	- .256	290	548	.012	.127	.519	- .421
290	429	- .509	.115	- .116	- .883	290	479	- .139	.027	- .049	- .289	290	549	.097	.135	.617	- .322
290	430	- .542	.124	- .075	- .963	290	480	- .137	.025	- .056	- .256	290	550	.108	.129	.629	- .240
290	431	- .619	.139	.038	-1.061	290	501	- .392	.211	1.121	- .405	290	551	.110	.130	.589	- .205
290	432	- .340	.131	.244	- .936	290	502	- .414	.218	1.059	- .559	290	552	.084	.123	.646	- .271
290	433	- .463	.124	.112	- .945	290	503	- .326	.203	.940	- .367	290	553	.001	.114	.498	- .276
290	434	- .443	.125	- .064	- .970	290	504	- .409	.251	1.056	- .438	290	554	- .152	.094	.324	- .459
290	435	- .336	.092	- .044	- .814	290	505	- .255	.217	1.024	- .540	290	555	- .293	.097	.321	- .659
290	436	- .272	.068	- .035	- .843	290	506	- .207	.197	.838	- .417	290	556	- .480	.162	.197	-1.105
290	437	- .258	.070	- .025	- .695	290	507	- .082	.218	.985	- .526	290	557	- .477	.207	.432	-1.241
290	438	- .637	.207	- .070	-1.387	290	508	- .125	.174	.774	- .612	290	558	- .560	.156	.061	-1.187
290	439	- .536	.155	- .084	-1.273	290	509	- .397	.232	1.116	- .472	290	559	- .434	.259	.702	-1.164
290	440	- .516	.168	- .042	-1.657	290	510	- .262	.143	.746	- .282	290	560	- .071	.112	.552	- .264
290	441	- .522	.134	- .047	-1.104	290	511	- .438	.204	1.049	- .393	290	561	- .073	.116	.570	- .515
290	442	- .566	.149	.148	-1.383	290	512	- .121	.160	.693	- .586	290	562	- .046	.101	.422	- .560

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	563	-.024	.073	.331	-.360	290	707	-.104	.028	-.006	-.246	290	940	-.245	.102	.143	-.635
290	564	.023	.073	.446	-.174	290	708	.073	.107	.847	-.152	290	941	-.203	.059	.048	-.444
290	565	.249	.151	.953	-.146	290	709	.121	.116	.755	-.156	290	942	-.252	.100	.233	-.626
290	566	.153	.121	.763	-.177	290	710	.081	.080	.530	-.115	290	943	-.274	.074	-.008	-.683
290	567	-.179	.079	.115	-.527	290	711	-.017	.045	.200	-.145	290	944	-.235	.033	-.141	-.347
290	568	-.241	.072	.028	-.569	290	712	-.062	.036	.116	-.179	290	945	-.218	.043	-.078	-.392
290	569	-.304	.075	-.057	-.647	290	713	-.052	.039	.150	-.167	290	946	-.192	.054	-.013	-.477
290	570	-.304	.101	-.029	-.903	290	714	-.098	.027	.123	-.183	290	947	-.071	.049	.153	-.220
290	571	-.177	.151	.225	-1.046	290	801	-.181	.029	-.068	-.300	290	948	-.040	.055	.205	-.225
290	572	-.158	.197	.509	-1.587	290	802	-.169	.031	-.081	-.288	290	949	-.028	.046	.185	-.163
290	573	-.108	.033	.053	-.224	290	803	-.198	.050	-.027	-.393	290	950	-.099	.041	.105	-.286
290	574	-.108	.038	.129	-.301	290	901	-.430	.114	-.073	-.954	290	951	-.090	.030	.046	-.209
290	575	-.113	.043	.133	-.313	290	902	-.556	.158	.227	-1.053	290	1101	-.153	.067	.242	-.387
290	576	-.125	.055	.100	-.445	290	903	-.274	.124	.168	-.872	290	1102	-.167	.051	.141	-.368
290	577	-.139	.081	.193	-.531	290	904	-.205	.091	.191	-.579	290	1103	-.152	.043	.028	-.387
290	578	-.060	.044	.108	-.325	290	905	-.096	.129	.915	-.380	290	1104	-.152	.044	-.008	-.431
290	579	.028	.069	.347	-.299	290	906	-.115	.101	.398	-.692	290	1105	-.133	.040	.047	-.297
290	580	.031	.085	.486	-.381	290	907	-.015	.075	.396	-.238	290	1106	-.144	.044	-.015	-.446
290	581	.102	.072	.402	-.076	290	908	-.026	.082	.385	-.173	290	1107	-.135	.040	.037	-.337
290	582	.091	.070	.465	-.088	290	909	-.154	.087	.132	-.534	290	1108	-.129	.045	.054	-.384
290	583	.009	.051	.213	-.174	290	910	-.098	.032	.053	-.252	290	1109	-.128	.040	.087	-.380
290	584	.075	.078	.404	-.093	290	911	-.369	.175	.319	-.913	290	1110	-.117	.051	.115	-.359
290	585	.102	.083	.516	-.097	290	912	-.101	.035	.026	-.295	290	1111	-.106	.065	.195	-.337
290	586	.091	.088	.540	-.099	290	913	-.566	.210	.186	-1.446	290	1112	-.124	.075	.341	-.413
290	601	-.115	.026	.023	-.243	290	914	-.222	.086	.057	-.629	290	1113	-.151	.051	.110	-.387
290	602	-.094	.026	.010	-.201	290	915	-.215	.106	.121	-.649	290	1201	-.126	.078	.237	-.389
290	603	-.108	.032	.180	-.287	290	916	-.137	.122	.279	-.556	290	1202	-.288	.134	.152	-.907
290	604	-.110	.031	.049	-.261	290	917	-.500	.111	.067	-.918	290	1203	-.314	.186	.355	-1.206
290	605	-.106	.032	.049	-.212	290	918	-.055	.052	.200	-.353	290	1204	-.151	.134	.760	-.161
290	606	-.109	.033	.049	-.254	290	919	-.009	.061	.256	-.195	290	1205	-.166	.125	.788	-.208
290	607	-.106	.033	.030	-.389	290	920	-.026	.070	.349	-.150	290	1206	-.008	.142	.484	-.728
290	608	-.104	.022	-.015	-.172	290	921	-.149	.057	.066	-.462	290	1207	-.047	.098	.336	-.787
290	609	-.095	.022	-.001	-.182	290	922	-.089	.031	.035	-.347	290	1208	-.075	.083	.447	-.495
290	610	-.093	.024	.006	-.187	290	923	-.413	.131	.267	-.868	290	1209	-.068	.087	.460	-.507
290	611	-.100	.024	.002	-.172	290	924	-.313	.098	.048	-.909	290	1210	-.091	.073	.308	-.356
290	612	-.104	.025	-.001	-.194	290	925	-.107	.034	.010	-.277	290	1211	-.008	.099	.536	-.443
290	613	-.103	.024	.002	-.184	290	926	-.406	.156	.039	-.848	290	1301	-.363	.111	-.038	-.935
290	614	-.101	.025	.006	-.187	290	927	-.279	.075	-.033	-.629	290	1302	-.225	.047	-.095	-.453
290	615	-.074	.027	.051	-.151	290	928	-.416	.090	-.080	-.843	290	1303	-.410	.113	-.116	-1.100
290	616	-.067	.023	.022	-.136	290	929	-.359	.071	-.101	-.604	290	1304	-.046	.140	.400	-.902
290	617	-.066	.023	.056	-.141	290	930	-.565	.135	-.195	-1.028	290	1305	-.271	.068	-.001	-.679
290	618	-.084	.022	.022	-.158	290	931	-.267	.079	.030	-.710	290	1306	-.228	.138	.242	-.745
290	619	-.096	.021	-.004	-.163	290	932	-.067	.041	.145	-.200	290	1307	-.256	.143	.901	-.182
290	620	-.096	.022	.006	-.195	290	933	-.067	.040	.145	-.198	290	1308	-.274	.161	1.050	-.154
290	621	-.094	.021	-.001	-.184	290	934	-.055	.040	.164	-.161	290	1309	-.129	.170	.524	-.770
290	701	-.106	.020	-.022	-.203	290	935	-.129	.050	.152	-.455	290	1310	-.203	.082	.167	-.599
290	702	-.050	.059	.225	-.262	290	936	-.099	.030	.021	-.265	290	1311	-.145	.135	.395	-.686
290	703	-.053	.043	.188	-.195	290	937	-.286	.068	-.078	-.626	290	1312	-.091	.059	.176	-.267
290	704	-.091	.038	.100	-.205	290	938	-.267	.062	-.082	-.552	290	1313	-.126	.154	1.000	-.231
290	705	-.103	.031	.033	-.209	290	939	-.104	.032	.046	-.238	290	1314	-.355	.107	.042	-.846

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	101	-.236	.033	-.057	-.451	300	151	-.110	.076	.163	-.646	300	223	-.189	.034	-.083	-.380
300	102	-.239	.083	-.087	-.620	300	152	-.211	.111	.138	-.765	300	224	-.191	.033	-.067	-.315
300	103	-.703	.274	.179	-1.619	300	153	-.213	.139	.205	-.851	300	225	-.188	.033	-.072	-.338
300	104	-.327	.071	-.146	-.670	300	154	-.149	.146	.806	-.614	300	226	-.247	.060	-.035	-.529
300	105	-.304	.060	-.118	-.546	300	155	-.061	.106	.477	-.670	300	227	-.235	.051	-.056	-.465
300	106	-.242	.034	-.056	-.461	300	156	-.217	.114	.154	-1.002	300	228	-.225	.040	-.106	-.407
300	107	-.271	.089	.124	-.613	300	157	-.325	.202	.319	-1.213	300	229	-.218	.034	-.108	-.366
300	108	-.417	.114	.027	-.829	300	158	-.312	.231	.317	-1.672	300	230	-.211	.030	-.118	-.315
300	109	-.407	.106	-.095	-.878	300	159	-.063	.178	.618	-.779	300	231	-.200	.028	-.083	-.311
300	110	-.022	.253	.954	-.871	300	160	-.035	.086	.570	-.375	300	232	-.202	.031	-.106	-.302
300	111	-.178	.031	-.065	-.295	300	161	-.058	.057	.400	-.143	300	233	-.196	.030	-.099	-.306
300	112	-.136	.038	.002	-.337	300	162	-.254	.049	-.103	-.526	300	234	-.190	.029	-.092	-.325
300	113	-.143	.041	.036	-.295	300	163	-.182	.038	.013	-.373	300	235	-.193	.031	-.090	-.334
300	114	-.153	.048	.032	-.323	300	164	-.115	.032	-.045	-.247	300	236	-.191	.031	-.095	-.304
300	115	-.200	.071	.004	-.567	300	165	-.078	.036	.061	-.196	300	237	-.275	.062	-.099	-.571
300	116	-.597	.198	-.012	-1.223	300	166	-.062	.036	.117	-.226	300	238	-.257	.050	-.118	-.488
300	117	-.286	.194	.671	-1.177	300	167	-.063	.043	.140	-.291	300	239	-.238	.036	-.132	-.414
300	118	-.125	.167	.635	-.399	300	168	-.081	.046	.108	-.315	300	240	-.230	.034	-.105	-.361
300	119	-.138	.132	.586	-.367	300	169	-.089	.048	.080	-.315	300	241	-.222	.032	-.128	-.361
300	120	-.193	.030	-.088	-.284	300	170	-.088	.068	.400	-.280	300	242	-.210	.028	-.130	-.315
300	121	-.148	.033	.010	-.268	300	171	-.238	.055	-.064	-.596	300	243	-.213	.029	-.125	-.311
300	122	-.131	.042	.029	-.256	300	172	-.108	.044	.086	-.287	300	244	-.205	.028	-.112	-.352
300	123	-.120	.052	.091	-.270	300	173	-.077	.040	.148	-.216	300	245	-.205	.027	-.121	-.318
300	124	-.167	.109	.193	-.836	300	174	-.038	.041	.214	-.175	300	246	-.200	.028	-.121	-.311
300	125	-.589	.216	.022	-1.326	300	175	-.016	.048	.216	-.161	300	247	-.203	.028	-.098	-.320
300	126	-.379	.238	.520	-1.119	300	176	-.019	.052	.193	-.275	300	248	-.316	.057	-.162	-.606
300	127	-.330	.173	.948	-.199	300	177	-.051	.056	.195	-.306	300	249	-.309	.058	-.155	-.542
300	128	-.338	.161	.800	-.311	300	178	-.055	.067	.207	-.486	300	250	-.282	.041	-.155	-.446
300	129	-.196	.029	-.097	-.295	300	201	-.267	.063	-.078	-.575	300	251	-.251	.031	-.153	-.361
300	130	-.158	.032	-.021	-.288	300	202	-.249	.057	-.079	-.467	300	252	-.240	.031	-.151	-.354
300	131	-.139	.041	.018	-.291	300	203	-.275	.063	-.090	-.545	300	253	-.246	.030	-.141	-.375
300	132	-.121	.057	.114	-.367	300	204	-.302	.059	-.106	-.651	300	254	-.238	.030	-.139	-.350
300	133	-.173	.120	.170	-.871	300	205	-.310	.056	-.120	-.561	300	255	-.236	.032	-.123	-.370
300	134	-.546	.250	.204	-1.471	300	206	-.315	.057	-.134	-.524	300	256	-.229	.034	-.128	-.389
300	135	-.452	.285	.319	-1.407	300	207	-.266	.052	-.102	-.518	300	257	-.222	.033	-.135	-.373
300	136	-.282	.182	.954	-.456	300	208	-.261	.059	-.092	-.550	300	258	-.219	.032	-.107	-.391
300	137	-.273	.169	.906	-.403	300	209	-.253	.062	-.072	-.552	300	259	-.250	.033	-.155	-.368
300	138	-.204	.034	-.054	-.323	300	210	-.252	.059	-.076	-.532	300	260	-.244	.028	-.155	-.338
300	139	-.169	.036	-.047	-.357	300	211	-.273	.048	-.106	-.557	300	261	-.236	.030	-.160	-.380
300	140	-.131	.043	.135	-.291	300	212	-.283	.053	-.136	-.476	300	262	-.263	.030	-.139	-.501
300	141	-.112	.057	.124	-.321	300	213	-.293	.057	-.120	-.509	300	263	-.264	.048	-.141	-.471
300	142	-.138	.101	.195	-.884	300	214	-.299	.057	-.090	-.541	300	264	-.247	.039	-.125	-.382
300	143	-.377	.208	.183	-1.460	300	215	-.233	.068	-.004	-.536	300	265	-.259	.036	-.130	-.418
300	144	-.311	.248	.404	-1.368	300	216	-.223	.060	-.021	-.476	300	266	-.286	.040	-.180	-.444
300	145	-.122	.144	.954	-.364	300	217	-.225	.046	-.060	-.522	300	267	-.318	.060	-.187	-.634
300	146	-.113	.136	.612	-.291	300	218	-.223	.041	-.108	-.380	300	268	-.321	.059	-.196	-.776
300	147	-.266	.048	.109	-.470	300	219	-.220	.039	-.090	-.465	300	269	-.308	.057	-.183	-.583
300	148	-.193	.045	-.019	-.406	300	220	-.200	.034	-.095	-.334	300	270	-.309	.051	-.185	-.519
300	149	-.123	.044	.159	-.315	300	221	-.204	.035	-.088	-.327	300	271	-.176	.029	-.093	-.302
300	150	-.097	.051	.119	-.382	300	222	-.197	.038	-.074	-.518	300	272	-.177	.030	-.100	-.311

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	273	-195	.032	-.096	-.327	300	418	-.309	.106	-.018	-.786	300	468	-.179	.028	-.095	-.295
300	274	-.222	.036	-.128	-.370	300	419	-.324	.132	-.029	-1.115	300	469	-.172	.029	-.095	-.305
300	275	-.257	.045	-.132	-.448	300	420	-.557	.149	-.110	-1.076	300	470	-.167	.026	-.088	-.293
300	276	-.299	.048	-.164	-.535	300	421	-.567	.164	-.141	-1.127	300	471	-.179	.024	-.099	-.263
300	277	-.336	.066	-.189	-.691	300	422	-.625	.168	-.064	-1.354	300	472	-.181	.026	-.101	-.321
300	278	-.345	.084	-.192	-.934	300	423	-.627	.189	-.127	-1.514	300	473	-.209	.029	-.078	-.325
300	279	-.344	.077	-.199	-.849	300	424	-.505	.217	-.020	-1.661	300	474	-.203	.026	-.123	-.294
300	280	-.101	.027	-.005	-.222	300	425	-.396	.160	-.032	-1.295	300	475	-.196	.027	-.114	-.311
300	281	-.106	.026	-.002	-.199	300	426	-.330	.104	-.002	-.866	300	476	-.168	.024	-.090	-.263
300	282	-.115	.025	-.032	-.219	300	427	-.315	.111	-.007	-.875	300	477	-.168	.025	-.068	-.275
300	283	-.140	.029	-.050	-.244	300	428	-.327	.124	-.023	-.921	300	478	-.163	.025	-.083	-.327
300	284	-.135	.031	-.049	-.280	300	429	-.471	.106	-.180	-.801	300	479	-.161	.026	-.066	-.273
300	285	-.340	.068	-.185	-.714	300	430	-.484	.113	-.189	-.905	300	480	-.160	.026	-.066	-.344
300	286	-.242	.050	-.097	-.605	300	431	-.538	.123	-.171	-.961	300	501	-.384	.221	.983	-.347
300	287	-.165	.048	-.035	-.437	300	432	-.415	.098	-.044	-.884	300	502	-.403	.214	1.155	-.273
300	288	-.108	.026	-.004	-.220	300	433	-.457	.125	-.092	-.961	300	503	-.258	.171	.784	-.381
300	289	-.102	.025	-.011	-.194	300	434	-.402	.110	-.025	-.868	300	504	-.350	.265	1.040	-.472
300	290	-.118	.027	-.011	-.209	300	435	-.337	.093	-.018	-.803	300	505	-.286	.210	.957	-.486
300	291	-.141	.031	-.030	-.294	300	436	-.334	.106	-.088	-.910	300	506	-.155	.170	.674	-.451
300	292	-.146	.033	-.052	-.339	300	437	-.335	.108	-.067	-.965	300	507	-.246	.221	.921	-.545
300	293	-.166	.026	-.068	-.270	300	438	-.579	.173	-.113	-1.161	300	508	-.155	.157	.658	-.625
300	294	-.167	.026	-.085	-.263	300	439	-.495	.160	-.039	-1.436	300	509	-.145	.288	1.024	-.436
300	295	-.164	.027	-.049	-.280	300	440	-.445	.133	-.025	-1.154	300	510	-.190	.135	.705	-.405
300	296	-.181	.028	-.076	-.313	300	441	-.531	.119	-.231	-1.145	300	511	-.416	.161	1.038	-.094
300	297	-.149	.050	-.129	-.304	300	442	-.535	.119	-.222	-1.231	300	512	-.235	.138	.780	-.273
300	298	-.265	.067	-.060	-.484	300	443	-.519	.128	-.122	-1.205	300	513	-.322	.141	.861	-.125
300	299	-.187	.055	-.133	-.337	300	444	-.485	.147	-.148	-1.136	300	514	-.321	.137	.873	-.134
300	300	-.162	.044	-.076	-.342	300	445	-.466	.138	-.055	-1.212	300	515	-.255	.144	.789	-.163
300	301	-.111	.032	-.266	-.204	300	446	-.417	.117	-.048	-.981	300	516	-.143	.128	.593	-.304
300	302	-.114	.026	-.064	-.218	300	447	-.374	.101	-.111	-.831	300	517	-.059	.149	.524	-.534
300	303	-.119	.027	-.004	-.204	300	448	-.333	.078	-.108	-.723	300	518	-.316	.165	.959	-.299
300	304	-.146	.036	-.040	-.332	300	449	-.342	.071	-.152	-.743	300	519	-.240	.064	.036	-.479
300	305	-.149	.040	-.040	-.365	300	450	-.582	.149	-.120	-1.129	300	520	-.070	.238	.930	-.584
300	401	-.326	.077	-.094	-1.002	300	451	-.553	.150	-.115	-1.238	300	521	-.246	.116	.253	-.666
300	402	-.301	.066	-.080	-.653	300	452	-.523	.150	-.129	-1.374	300	522	-.189	.153	.674	-.436
300	403	-.317	.081	-.076	-.783	300	453	-.343	.080	-.132	-.660	300	523	-.470	.167	1.024	-.063
300	404	-.305	.086	-.030	-.714	300	454	-.355	.083	-.076	-.713	300	524	-.379	.158	.942	-.154
300	405	-.275	.068	-.034	-.584	300	455	-.184	.061	-.032	-.459	300	525	-.506	.170	1.095	-.010
300	406	-.306	.059	-.123	-.579	300	456	-.244	.047	-.104	-.485	300	526	-.502	.183	1.146	-.050
300	407	-.294	.054	-.111	-.577	300	457	-.225	.049	-.062	-.464	300	527	-.463	.166	1.017	-.146
300	408	-.309	.068	-.121	-.831	300	458	-.228	.047	-.090	-.473	300	528	-.198	.142	.760	-.247
300	409	-.133	.171	-.432	-.767	300	459	-.223	.045	-.092	-.485	300	529	-.105	.127	.579	-.357
300	410	-.213	.164	-.457	-.933	300	460	-.231	.038	-.097	-.406	300	530	-.018	.122	.519	-.383
300	411	-.226	.105	-.180	-.846	300	461	-.248	.041	-.120	-.425	300	531	-.117	.110	.349	-.520
300	412	-.234	.076	-.092	-.602	300	462	-.236	.032	-.067	-.536	300	532	-.508	.129	-.046	-1.015
300	413	-.650	.157	-.203	-1.236	300	463	-.259	.057	-.095	-.540	300	533	-.350	.113	.270	-.752
300	414	-.505	.119	-.154	-.981	300	464	-.224	.045	-.081	-.420	300	534	-.378	.172	.990	-.252
300	415	-.640	.287	-.108	-1.737	300	465	-.178	.037	-.058	-.337	300	535	-.319	.165	.890	-.165
300	416	-.436	.158	-.057	-1.169	300	466	-.246	.042	-.122	-.413	300	536	-.439	.168	.923	-.113
300	417	-.381	.134	-.027	-1.006	300	467	-.190	.030	-.111	-.349	300	537	-.432	.189	1.286	-.095

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	538	.417	.168	.995	-.070	300	602	-.091	.031	.044	-.316	300	915	-.210	.093	.122	-.601
300	539	.351	.169	.985	-.197	300	603	-.095	.031	.054	-.292	300	916	-.186	.106	.166	-.530
300	540	.205	.146	.758	-.261	300	604	-.096	.034	.052	-.330	300	917	-.457	.106	-.042	-.865
300	541	.012	.103	.406	-.357	300	605	-.096	.033	.073	-.267	300	918	-.038	.043	.255	-.181
300	542	-.187	.099	.292	-.596	300	606	-.097	.030	.049	-.273	300	919	-.038	.041	.161	-.188
300	543	-.425	.096	-.060	-.869	300	607	-.095	.030	.026	-.217	300	920	-.021	.048	.271	-.129
300	544	-.446	.106	-.069	-.1048	300	608	-.094	.021	.023	-.198	300	921	-.111	.050	.134	-.421
300	545	-.514	.121	-.165	-.1180	300	609	-.084	.021	.028	-.179	300	922	-.099	.035	.115	-.288
300	546	-.578	.125	-.079	-.1074	300	610	-.079	.021	.005	-.150	300	923	-.381	.111	.027	-.840
300	547	.192	.131	.644	-.247	300	611	-.080	.022	.011	-.157	300	924	-.260	.097	.038	-.735
300	548	.177	.138	.753	-.273	300	612	-.083	.024	.038	-.224	300	925	-.102	.037	.113	-.261
300	549	.189	.150	.798	-.365	300	613	-.092	.024	.019	-.200	300	926	-.286	.124	.143	-.856
300	550	.198	.155	.862	-.434	300	614	-.090	.025	.040	-.181	300	927	-.263	.060	-.072	-.699
300	551	.172	.150	.682	-.209	300	615	-.069	.028	.049	-.157	300	928	-.378	.084	-.140	-.790
300	552	.106	.132	.557	-.266	300	616	-.057	.025	.072	-.137	300	929	-.360	.065	-.149	-.612
300	553	-.014	.117	.455	-.311	300	617	-.055	.025	.044	-.137	300	930	-.577	.143	-.183	-.123
300	554	-.192	.092	.211	-.496	300	618	-.058	.024	.062	-.142	300	931	-.279	.122	-.054	-.797
300	555	-.331	.081	-.031	-.671	300	619	-.081	.027	.060	-.181	300	932	-.062	.043	.218	-.179
300	556	-.499	.115	-.050	-.1079	300	620	-.080	.027	.048	-.176	300	933	-.076	.035	.088	-.190
300	557	-.525	.131	-.064	-.1188	300	621	-.082	.026	.043	-.181	300	934	-.068	.034	.109	-.156
300	558	-.578	.115	-.256	-.1140	300	701	-.108	.024	.017	-.279	300	935	-.107	.047	.093	-.382
300	559	.555	.125	.163	-.1100	300	702	-.055	.057	.315	-.248	300	936	-.103	.036	.052	-.309
300	560	.171	.123	.827	-.183	300	703	-.047	.045	.262	-.221	300	937	-.280	.060	-.108	-.708
300	561	.178	.119	.706	-.211	300	704	-.084	.038	.069	-.238	300	938	-.296	.060	-.085	-.596
300	562	-.035	.138	.405	-.778	300	705	-.096	.032	.041	-.212	300	939	-.106	.034	.029	-.261
300	563	.030	.092	.528	-.361	300	707	-.096	.030	.053	-.248	300	940	-.245	.083	.029	-.676
300	564	.073	.073	.412	-.152	300	708	.070	.100	.692	-.124	300	941	-.221	.062	-.040	-.464
300	565	.285	.160	.976	-.133	300	709	.096	.115	.823	-.161	300	942	-.254	.077	.020	-.642
300	566	.152	.127	.647	-.169	300	710	.065	.078	.528	-.124	300	943	-.268	.059	-.083	-.551
300	567	-.232	.074	.076	-.491	300	711	-.020	.049	.278	-.145	300	944	-.245	.029	-.158	-.354
300	568	-.316	.066	-.052	-.595	300	712	-.060	.039	.164	-.194	300	945	-.200	.040	-.076	-.350
300	569	-.378	.070	-.152	-.664	300	713	-.053	.039	.124	-.175	300	946	-.143	.058	.049	-.391
300	570	-.395	.090	-.045	-.799	300	714	-.089	.029	.007	-.201	300	947	-.078	.046	.186	-.258
300	571	-.153	.177	.438	-.939	300	801	-.171	.027	-.069	-.288	300	948	-.070	.042	.248	-.191
300	572	-.151	.197	.505	-.797	300	802	-.166	.029	-.058	-.302	300	949	-.057	.035	.131	-.164
300	573	-.095	.034	.102	-.254	300	803	-.237	.048	-.065	-.446	300	950	-.093	.037	.140	-.263
300	574	-.097	.037	.189	-.235	300	901	-.384	.098	-.140	-.879	300	951	-.101	.035	.149	-.302
300	575	-.099	.046	.177	-.304	300	902	-.476	.152	.084	-.1082	300	1101	-.189	.063	.223	-.680
300	576	-.111	.054	.083	-.368	300	903	-.188	.117	.282	-.792	300	1102	-.189	.049	.016	-.428
300	577	-.123	.092	.164	-.594	300	904	-.275	.140	.268	-.822	300	1103	-.175	.049	.023	-.416
300	578	-.003	.051	.220	-.308	300	905	-.157	.157	.914	-.174	300	1104	-.184	.051	.009	-.485
300	579	.076	.062	.365	-.211	300	906	-.069	.054	.227	-.268	300	1105	-.141	.050	.064	-.347
300	580	.105	.073	.474	-.252	300	907	-.028	.056	.266	-.186	300	1106	-.161	.063	.061	-.499
300	581	.123	.076	.409	-.047	300	908	-.010	.064	.341	-.135	300	1107	-.131	.055	.095	-.314
300	582	.128	.084	.481	-.077	300	909	-.123	.065	.168	-.535	300	1108	-.108	.046	.128	-.366
300	583	.025	.045	.251	-.142	300	910	-.101	.037	.138	-.236	300	1109	-.123	.044	.123	-.383
300	584	.121	.080	.500	-.067	300	911	-.393	.174	.275	-.968	300	1110	-.150	.069	.128	-.502
300	585	.166	.090	.625	-.048	300	912	-.096	.041	.125	-.247	300	1111	-.140	.067	.232	-.801
300	586	.182	.103	.813	-.033	300	913	-.480	.163	.088	-.310	300	1112	-.163	.065	.232	-.361
300	601	-.106	.026	-.003	-.237	300	914	-.210	.083	.095	-.614	300	1113	-.174	.053	.130	-.383

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
3100	1201	-143	.080	.249	-421	3110	126	-181	.237	.605	-145	3110	176	-029	.061	.229	-243
3100	1202	-390	.147	.109	-958	3110	127	.415	.181	.945	-313	3110	177	-063	.077	.390	-336
3100	1203	-484	.182	.240	-1302	3110	128	.411	.170	.943	-125	3110	178	-085	.076	.203	-497
3100	1204	.092	.131	.622	-271	3110	129	.271	.033	.160	-407	3110	201	-364	.085	.119	-800
3100	1205	.210	.160	.788	-389	3110	130	.203	.037	.033	-338	3110	202	-387	.088	.144	-793
3100	1206	.110	.112	.582	-886	3110	131	.144	.050	.094	-296	3110	203	-386	.080	.161	-729
3100	1207	.036	.095	.470	-452	3110	132	.097	.064	.143	-322	3110	204	-463	.071	.240	-682
3100	1208	.031	.087	.273	-613	3110	133	.095	.103	.249	-632	3110	205	-435	.068	.243	-704
3100	1209	.067	.101	.460	-490	3110	134	.406	.203	.201	-124	3110	206	-437	.068	.234	-662
3100	1210	.096	.074	.282	-680	3110	135	.286	.258	.462	-1404	3110	207	-383	.068	.137	-678
3100	1211	.012	.117	.434	-547	3110	136	.394	.177	.897	-114	3110	208	-382	.073	.139	-710
3100	1301	.426	.097	-179	-901	3110	137	.399	.172	.999	-102	3110	209	-332	.062	.132	-567
3100	1302	.289	.052	-138	-494	3110	138	.312	.040	.174	-447	3110	210	-369	.064	.182	-623
3100	1303	.454	.101	-224	-827	3110	139	.243	.037	.095	-368	3110	211	-420	.068	.217	-640
3100	1304	.188	.211	.444	-1046	3110	140	.169	.046	.180	-306	3110	212	-453	.074	.165	-722
3100	1305	.349	.062	-157	-665	3110	141	.130	.058	.164	-313	3110	213	-469	.074	.233	-760
3100	1306	.346	.141	.228	-977	3110	142	.131	.098	.247	-703	3110	214	-470	.077	.210	-826
3100	1307	.308	.151	.052	-105	3110	143	.423	.212	.277	-1265	3110	215	-313	.069	.097	-647
3100	1308	.320	.168	.206	-076	3110	144	.344	.237	.460	-1390	3110	216	-311	.059	.123	-623
3100	1309	.198	.148	.468	-813	3110	145	.235	.149	.830	-162	3110	217	-326	.057	.132	-689
3100	1310	.274	.086	.095	-599	3110	146	.220	.139	.751	-172	3110	218	-323	.053	.146	-600
3100	1311	.259	.138	.408	-756	3110	147	.337	.045	.197	-511	3110	219	-322	.052	.083	-331
3100	1312	.141	.063	.118	-361	3110	148	.259	.039	.104	-403	3110	220	-294	.041	.179	-541
3100	1313	.095	.159	.705	-380	3110	149	.173	.038	.002	-312	3110	221	-296	.045	.165	-567
3100	1314	.418	.094	-174	-929	3110	150	.136	.048	.098	-429	3110	222	-320	.067	.163	-929
3110	101	.235	.059	.027	-441	3110	151	.175	.081	.140	-716	3110	223	-297	.042	.142	-480
3110	102	.202	.113	.224	-729	3110	152	.317	.126	.033	-814	3110	224	-287	.039	.163	-419
3110	103	.473	.322	.464	-1649	3110	153	.407	.172	.215	-1222	3110	225	-288	.039	.144	-424
3110	104	.476	.091	.030	-801	3110	154	.251	.143	.924	-130	3110	226	-308	.056	.130	-581
3110	105	.462	.072	.172	-713	3110	155	.160	.108	.712	-249	3110	227	-298	.050	.123	-548
3110	106	.277	.056	.100	-528	3110	156	.360	.143	.147	-1302	3110	228	-303	.046	.137	-555
3110	107	.252	.147	.349	-690	3110	157	.493	.252	.238	-1759	3110	229	-300	.042	.156	-506
3110	108	.496	.142	.143	-967	3110	158	.391	.258	.392	-1574	3110	230	-306	.039	.175	-445
3110	109	.539	.132	.132	-988	3110	159	.131	.129	.777	-576	3110	231	-293	.035	.179	-419
3110	110	.200	.370	.077	-1013	3110	160	.113	.081	.481	-175	3110	232	-299	.037	.177	-457
3110	111	.236	.038	.095	-389	3110	161	.114	.069	.448	-070	3110	233	-298	.039	.170	-537
3110	112	.167	.048	.030	-363	3110	162	.307	.044	.170	-506	3110	234	-288	.037	.191	-447
3110	113	.148	.056	.083	-324	3110	163	.211	.033	.060	-373	3110	235	-293	.038	.170	-417
3110	114	.134	.063	.122	-398	3110	164	.120	.032	.035	-240	3110	236	-288	.034	.184	-419
3110	115	.154	.079	.155	-562	3110	165	.070	.039	.150	-231	3110	237	-346	.055	.175	-663
3110	116	.474	.190	.134	-1150	3110	166	.057	.042	.140	-207	3110	238	-328	.049	.161	-539
3110	117	.115	.197	.705	-898	3110	167	.083	.055	.140	-308	3110	239	-323	.042	.205	-542
3110	118	.195	.149	.686	-366	3110	168	.125	.060	.047	-497	3110	240	-321	.036	.212	-444
3110	119	.207	.161	.698	-370	3110	169	.132	.065	.222	-455	3110	241	-319	.035	.208	-442
3110	120	.250	.031	.114	-391	3110	170	.137	.076	.535	-042	3110	242	-308	.035	.184	-437
3110	121	.175	.040	.002	-317	3110	171	.302	.066	.148	-704	3110	243	-312	.035	.198	-428
3110	122	.131	.051	.101	-283	3110	172	.132	.045	.095	-311	3110	244	-314	.033	.219	-428
3110	123	.081	.071	.224	-308	3110	173	.097	.041	.108	-214	3110	245	-304	.032	.205	-430
3110	124	.069	.096	.256	-447	3110	174	.044	.048	.188	-165	3110	246	-309	.036	.205	-449
3110	125	.418	.186	.296	-1610	3110	175	.012	.056	.271	-155	3110	247	-309	.037	.180	-460

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	248	-386	.055	-233	-645	310	298	-331	.087	125	-679	310	443	-460	.088	-237	-966
310	249	-361	.046	-208	-556	310	299	-206	.079	200	-416	310	444	-485	.104	-104	-1107
310	250	-344	.039	-175	-472	310	300	-192	.053	159	-338	310	445	-492	.110	-155	-1014
310	251	-340	.038	-194	-498	310	301	-133	.040	212	-221	310	446	-488	.104	-169	-1179
310	252	-335	.041	-238	-500	310	302	-136	.033	134	-241	310	447	-484	.101	-153	-1054
310	253	-329	.037	-205	-465	310	303	-147	.029	026	-263	310	448	-470	.090	-206	-1135
310	254	-336	.037	-233	-465	310	304	-153	.032	007	-287	310	449	-477	.105	-197	-987
310	255	-339	.039	-212	-472	310	305	-153	.030	036	-348	310	450	-548	.124	-151	-1309
310	256	-345	.035	-247	-495	310	401	-404	.070	214	-742	310	451	-503	.113	-134	-1038
310	257	-344	.041	-212	-488	310	402	-400	.070	144	-739	310	452	-492	.111	-134	-1196
310	258	-343	.040	-229	-507	310	403	-422	.084	142	-837	310	453	-459	.084	-253	-901
310	259	-341	.039	-236	-540	310	404	-496	.092	138	-855	310	454	-485	.088	-209	-1019
310	260	-341	.043	-233	-528	310	405	-420	.081	170	-845	310	455	-420	.086	-141	-789
310	261	-348	.039	-231	-477	310	406	-418	.069	202	-699	310	456	-423	.089	-190	-796
310	262	-364	.051	-196	-605	310	407	-417	.065	243	-733	310	457	-433	.088	-167	-792
310	263	-357	.047	-201	-535	310	408	-429	.082	168	-730	310	458	-418	.085	-127	-1001
310	264	-362	.046	-196	-531	310	409	-345	.170	276	-962	310	459	-402	.078	-165	-870
310	265	-377	.050	-212	-524	310	410	-400	.134	126	-1045	310	460	-375	.058	-202	-775
310	266	-400	.052	-268	-580	310	411	-400	.094	018	-795	310	461	-366	.050	-199	-696
310	267	-405	.059	-278	-650	310	412	-389	.076	123	-798	310	462	-370	.081	-100	-840
310	268	-405	.058	-250	-659	310	413	-729	.155	221	-1521	310	463	-509	.095	-232	-896
310	269	-394	.054	-247	-629	310	414	-603	.134	268	-1274	310	464	-433	.084	-165	-775
310	270	-388	.050	-261	-580	310	415	-620	.248	121	-1635	310	465	-221	.076	-105	-492
310	271	-279	.040	-147	-453	310	416	-414	.138	107	-1148	310	466	-536	.089	-302	-919
310	272	-280	.041	-175	-456	310	417	-384	.121	074	-1157	310	467	-357	.050	-202	-555
310	273	-300	.043	-191	-491	310	418	-358	.098	025	-989	310	468	-330	.046	-179	-538
310	274	-336	.046	-191	-528	310	419	-365	.111	042	-1001	310	469	-308	.045	-174	-471
310	275	-368	.054	-233	-631	310	420	-448	.092	182	-889	310	470	-284	.041	-146	-457
310	276	-390	.058	-245	-704	310	421	-465	.093	193	-828	310	471	-282	.034	-168	-436
310	277	-391	.057	-233	-617	310	422	-525	.108	270	-952	310	472	-281	.039	-148	-433
310	278	-405	.067	-259	-725	310	423	-560	.130	210	-1192	310	473	-251	.040	-087	-384
310	279	-388	.060	-205	-634	310	424	-487	.162	147	-1355	310	474	-330	.038	-202	-462
310	280	-096	.029	019	-215	310	425	-379	.105	121	-980	310	475	-318	.035	-207	-458
310	281	-102	.029	003	-233	310	426	-368	.089	116	-926	310	476	-240	.035	-116	-360
310	282	-128	.027	037	-259	310	427	-373	.097	030	-889	310	477	-231	.034	-114	-355
310	283	-152	.038	053	-341	310	428	-392	.119	095	-1072	310	478	-208	.031	-109	-324
310	284	-172	.037	060	-311	310	429	-393	.077	172	-801	310	479	-197	.030	-085	-319
310	285	-441	.075	-258	-750	310	430	-414	.084	225	-812	310	480	-191	.028	-095	-280
310	286	-340	.074	-119	-913	310	431	-422	.078	174	-794	310	501	-396	.185	-961	-291
310	287	-227	.074	-058	-709	310	432	-442	.083	213	-810	310	502	-257	.180	-861	-392
310	288	-120	.028	019	-229	310	433	-496	.101	127	-975	310	503	-147	.155	-649	-522
310	289	-126	.028	014	-253	310	434	-427	.090	069	-850	310	504	-119	.224	-954	-563
310	290	-153	.027	031	-255	310	435	-395	.077	155	-750	310	505	-086	.219	-782	-537
310	291	-160	.029	009	-277	310	436	-412	.095	162	-989	310	506	-004	.197	-659	-620
310	292	-160	.027	063	-250	310	437	-428	.107	172	-987	310	507	-177	.233	-944	-821
310	293	-197	.028	109	-297	310	438	-525	.117	107	-1170	310	508	-198	.210	-554	-802
310	294	-217	.032	102	-341	310	439	-450	.106	021	-1114	310	509	-247	.185	-885	-635
310	295	-233	.036	097	-355	310	440	-426	.091	104	-880	310	510	-072	.158	-534	-558
310	296	-251	.033	121	-397	310	441	-485	.083	278	-949	310	511	-347	.156	-912	-247
310	297	-192	.062	088	-443	310	442	-494	.091	239	-954	310	512	-211	.129	-647	-212

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	513	.295	.153	.900	-.171	310	563	.098	.096	.537	-.173	310	707	-.092	.029	.016	-.187
310	514	.209	.149	.711	-.315	310	564	.128	.093	.683	-.115	310	708	.055	.085	.543	-.150
310	515	.151	.134	.684	-.279	310	565	.236	.161	.809	-.263	310	709	.095	.091	.592	-.118
310	516	-.004	.114	.458	-.404	310	566	.091	.110	.532	-.234	310	710	.069	.069	.517	-.089
310	517	.271	.132	.392	-.713	310	567	-.343	.068	-.066	-.613	310	711	-.015	.055	.289	-.146
310	518	-.244	.156	.838	-.446	310	568	-.411	.066	-.229	-.700	310	712	-.047	.044	.125	-.167
310	519	-.374	.068	-.060	-.701	310	569	-.490	.082	-.270	-.863	310	713	-.042	.046	.176	-.153
310	520	-.002	.260	.934	-.635	310	570	.492	.094	-.268	-.985	310	714	-.093	.031	.075	-.183
310	521	.405	.102	.043	-.806	310	571	-.059	.182	.517	-.863	310	801	-.283	.037	-.142	-.447
310	522	.047	.187	.578	-.622	310	572	-.074	.199	.758	-.434	310	802	-.247	.037	-.121	-.393
310	523	.460	.170	1.155	-.099	310	573	-.094	.031	.080	-.207	310	803	-.277	.077	-.043	-.572
310	524	.456	.175	1.001	-.193	310	574	-.094	.037	.116	-.231	310	901	-.481	.104	-.213	-1.161
310	525	.456	.182	1.001	-.313	310	575	-.090	.044	.126	-.236	310	902	-.529	.110	-.120	-.924
310	526	.463	.177	1.090	-.370	310	576	-.076	.061	.337	-.418	310	903	-.291	.103	-.069	-1.014
310	527	.373	.162	.870	-.114	310	577	-.092	.080	.338	-.534	310	904	-.502	.142	-.053	-1.082
310	528	.059	.119	.451	-.320	310	578	-.013	.058	.289	-.195	310	905	.241	.157	1.048	-.115
310	529	.031	.105	.497	-.372	310	579	.093	.071	.452	-.081	310	906	-.065	.078	.288	-.444
310	530	.094	.101	.254	-.463	310	580	.131	.078	.590	-.071	310	907	.004	.058	.309	-.185
310	531	.219	.085	.100	-.554	310	581	.152	.073	.458	-.038	310	908	.052	.072	.400	-.131
310	532	.545	.104	-.237	-1.170	310	582	.148	.082	.503	-.065	310	909	.096	.080	.286	-.580
310	533	.430	.092	-.119	-.856	310	583	.013	.054	.221	-.149	310	910	-.090	.040	.106	-.320
310	534	.419	.177	.991	-.080	310	584	.124	.081	.542	-.059	310	911	-.507	.111	-.031	-.945
310	535	.414	.179	1.175	-.146	310	585	.172	.097	.717	-.034	310	912	-.082	.045	.174	-.267
310	536	.436	.192	1.018	-.347	310	586	-.188	.107	.765	-.032	310	913	.443	.103	-.110	-1.240
310	537	.417	.181	.974	-.222	310	601	-.119	.026	-.010	-.297	310	914	.315	.088	-.013	-.695
310	538	.391	.166	.924	-.033	310	602	-.081	.029	.087	-.235	310	915	.308	.103	-.113	-.691
310	539	.280	.154	.920	-.131	310	603	-.093	.028	.039	-.270	310	916	.384	.111	-.015	-.767
310	540	.151	.132	.635	-.247	310	604	-.087	.032	.063	-.506	310	917	.524	.109	-.150	-.942
310	541	-.047	.084	.394	-.320	310	605	-.092	.032	.041	-.299	310	918	.007	.055	.255	-.185
310	542	.210	.080	.090	-.534	310	606	-.098	.031	.053	-.265	310	919	.001	.063	.272	-.162
310	543	.457	.076	-.200	-.760	310	607	-.099	.031	.063	-.261	310	920	.015	.063	.356	-.138
310	544	.493	.090	-.254	-.946	310	608	-.113	.022	-.000	-.188	310	921	.087	.069	.190	-.397
310	545	.478	.090	-.212	-1.121	310	609	-.097	.020	-.003	-.176	310	922	.080	.039	.139	-.222
310	546	.510	.097	-.234	-.975	310	610	-.082	.021	.024	-.171	310	923	.437	.087	-.141	-.879
310	547	.231	.137	.712	-.168	310	611	-.075	.024	.041	-.171	310	924	.362	.096	-.073	-.858
310	548	.222	.129	.765	-.158	310	612	-.088	.027	.041	-.190	310	925	.083	.043	-.158	-.267
310	549	.263	.157	.901	-.185	310	613	-.103	.027	.007	-.208	310	926	.399	.106	-.022	-.868
310	550	.263	.158	.943	-.382	310	614	-.100	.025	.007	-.181	310	927	.391	.069	-.194	-.833
310	551	.235	.145	.794	-.129	310	615	-.078	.025	.052	-.163	310	928	.496	.087	-.260	-.879
310	552	.134	.122	.668	-.117	310	616	-.069	.022	.034	-.138	310	929	.482	.079	-.236	-.823
310	553	.005	.099	.466	-.287	310	617	-.063	.021	.029	-.133	310	930	.540	.173	-.211	-1.154
310	554	.188	.076	.131	-.426	310	618	-.062	.022	.019	-.130	310	931	.526	.149	-.024	-1.042
310	555	.330	.067	-.032	-.700	310	619	-.070	.027	.054	-.163	310	932	.045	.051	.195	-.183
310	556	.468	.084	-.190	-.919	310	620	-.082	.028	.011	-.180	310	933	.055	.046	.290	-.185
310	557	.475	.096	-.168	-1.123	310	621	-.088	.027	.031	-.185	310	934	.042	.050	.218	-.176
310	558	.587	.117	.224	-1.038	310	701	-.106	.025	.008	-.299	310	935	.090	.055	.158	-.397
310	559	.597	.112	.209	-1.191	310	702	-.038	.056	.236	-.223	310	936	.083	.037	.118	-.215
310	560	.183	.124	.743	-.134	310	703	-.032	.044	.157	-.168	310	937	.433	.081	-.204	-.763
310	561	.226	.133	.904	-.098	310	704	-.065	.041	.153	-.230	310	938	.459	.078	-.185	-.765
310	562	.063	.121	.622	-.635	310	705	-.087	.036	.191	-.242	310	939	.087	.039	.099	-.236



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	940	-.364	.080	-.031	-.770	320	101	-.176	.058	.152	-.450	320	151	-.078	.081	.317	-.479
310	941	-.361	.070	-.092	-.658	320	102	-.000	.110	.370	-.477	320	152	-.226	.129	.230	-.734
310	942	-.371	.077	-.071	-.719	320	103	-.052	.240	.651	-1.165	320	153	-.256	.183	.462	-1.021
310	943	-.367	.069	-.176	-.679	320	104	-.563	.129	.119	-.940	320	154	-.339	.165	1.002	-.059
310	944	-.325	.034	-.222	-.455	320	105	-.542	.094	-.174	-.933	320	155	-.251	.130	.800	-.089
310	945	-.301	.065	-.101	-.588	320	106	-.279	.052	-.116	-.531	320	156	-.251	.146	.455	-.936
310	946	-.279	.078	.015	-.583	320	107	-.016	.154	.408	-.696	320	157	-.315	.247	.354	-1.349
310	947	-.068	.053	.237	-.217	320	108	-.249	.217	.431	-.819	320	158	-.252	.244	.486	-1.232
310	948	-.040	.054	.190	-.196	320	109	-.625	.167	.023	-1.241	320	159	-.226	.137	.887	-.382
310	949	-.039	.046	.206	-.151	320	110	-.433	.279	.973	-1.108	320	160	.174	.112	.723	-.174
310	950	-.071	.050	.159	-.257	320	111	-.204	.046	.014	-.424	320	161	.154	.101	.598	-.049
310	951	-.081	.039	.117	-.203	320	112	-.113	.061	.175	-.398	320	162	-.313	.050	-.134	-.582
310	1101	-.247	.116	.148	-.997	320	113	-.063	.070	.217	-.344	320	163	-.092	.039	-.061	-.462
310	1102	-.257	.088	.019	-.714	320	114	-.035	.089	.314	-.333	320	164	-.092	.041	.070	-.211
310	1103	-.175	.051	.012	-.502	320	115	-.007	.103	.345	-.377	320	165	-.028	.051	.237	-.162
310	1104	-.176	.044	-.027	-.368	320	116	-.133	.200	.468	-.850	320	166	-.003	.056	.291	-.178
310	1105	-.164	.043	.024	-.373	320	117	-.167	.186	.766	-.663	320	167	-.013	.058	.258	-.237
310	1106	-.187	.058	.046	-.702	320	118	-.235	.146	.652	-.305	320	168	-.043	.066	.277	-.303
310	1107	-.141	.057	.165	-.395	320	119	-.302	.166	-.765	-.426	320	169	-.049	.064	.211	-.345
310	1108	-.092	.046	.185	-.239	320	120	-.226	.039	-.065	-.370	320	170	-.174	.096	.631	-.033
310	1109	-.074	.071	.336	-.368	320	121	-.109	.057	.121	-.275	320	171	-.320	.082	-.125	-.806
310	1110	-.048	.081	.343	-.507	320	122	-.024	.074	.273	-.254	320	172	-.096	.061	.185	-.248
310	1111	-.014	.104	.438	-.420	320	123	-.050	.087	.435	-.249	320	173	-.039	.058	.222	-.189
310	1112	-.089	.134	.443	-.510	320	124	-.105	.117	.554	-.279	320	174	-.015	.064	.328	-.157
310	1113	-.171	.057	.087	-.495	320	125	-.041	.201	.699	-.698	320	175	-.049	.073	.480	-.115
310	1201	-.102	.069	.260	-.388	320	126	-.184	.210	.820	-.600	320	176	-.059	.079	.446	-.267
310	1202	-.341	.124	.075	-.970	320	127	-.499	.176	1.071	-.084	320	177	-.010	.081	.352	-.307
310	1203	-.485	.162	.073	-1.143	320	128	-.499	.190	.987	-.039	320	178	-.003	.085	.424	-.530
310	1204	-.039	.111	.507	-.222	320	129	-.248	.038	-.107	-.391	320	201	-.457	.090	-.160	-.909
310	1205	.135	.157	.814	-.593	320	130	-.148	.050	.063	-.289	320	202	-.494	.086	-.204	-.858
310	1206	.150	.107	.811	-.288	320	131	-.050	.069	.289	-.258	320	203	-.501	.086	-.170	-.927
310	1207	.086	.089	.494	-.147	320	132	-.051	.096	.503	-.200	320	204	-.556	.084	-.216	-.831
310	1208	.038	.098	.453	-.529	320	133	-.091	.117	.550	-.461	320	205	-.540	.076	-.263	-.853
310	1209	-.099	.109	.345	-.653	320	134	-.086	.202	.731	-.915	320	206	-.539	.072	-.263	-.771
310	1210	-.067	.073	.385	-.329	320	135	-.092	.235	.838	-.947	320	207	-.460	.088	-.204	-.814
310	1211	-.013	.115	.521	-.502	320	136	-.495	.172	1.006	-.037	320	208	-.453	.089	-.149	-.838
310	1301	-.614	.103	-.363	-1.175	320	137	-.458	.180	1.057	-.009	320	209	-.364	.080	-.096	-.723
310	1302	-.516	.081	-.305	-.919	320	138	-.291	.045	-.144	-.451	320	210	-.419	.084	-.180	-.767
310	1303	-.567	.115	-.300	-1.082	320	139	-.197	.050	.021	-.349	320	211	-.486	.086	-.185	-.920
310	1304	-.369	.242	-.175	-1.336	320	140	-.096	.064	.231	-.305	320	212	-.533	.093	-.163	-.814
310	1305	-.488	.072	-.271	-.792	320	141	-.026	.080	.431	-.233	320	213	-.570	.085	-.216	-.968
310	1306	-.502	.137	-.066	-1.131	320	142	-.020	.110	.426	-.447	320	214	-.589	.090	-.237	-1.028
310	1307	-.298	.152	.896	-.100	320	143	-.156	.192	.652	-.803	320	215	-.342	.074	-.115	-.671
310	1308	-.262	.155	.935	-.098	320	144	-.016	.218	.764	-1.022	320	216	-.346	.072	-.101	-.642
310	1309	-.301	.111	.360	-.853	320	145	-.328	.164	.882	-.081	320	217	-.348	.070	-.072	-.676
310	1310	-.373	.103	-.047	-.783	320	146	-.317	.167	.994	-.114	320	218	-.347	.071	-.082	-.750
310	1311	-.316	.138	.304	-.809	320	147	-.359	.054	-.140	-.582	320	219	-.340	.069	-.106	-.659
310	1312	-.240	.063	.058	-.429	320	148	-.235	.046	-.035	-.417	320	220	-.320	.048	-.158	-.692
310	1313	-.023	.137	.667	-.466	320	149	-.127	.049	.157	-.293	320	221	-.329	.049	-.130	-.642
310	1314	-.566	.099	-.317	-1.153	320	150	-.071	.059	.202	-.373	320	222	-.340	.059	-.168	-.855

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	223	- .319	.047	- .187	- .506	320	273	- .318	.050	- .188	- .553	320	418	- .363	.091	- .084	-1. 338
320	224	- .311	.041	- .161	- .482	320	274	- .358	.047	- .216	- .536	320	419	- .373	.101	- .019	- .835
320	225	- .308	.041	- .175	- .465	320	275	- .407	.057	- .266	- .698	320	420	- .412	.075	- .178	- .786
320	226	- .340	.068	- .130	- .642	320	276	- .444	.066	- .278	- .755	320	421	- .414	.071	- .206	- .718
320	227	- .324	.062	- .096	- .592	320	277	- .468	.079	- .228	- .810	320	422	- .458	.087	- .211	- .908
320	228	- .322	.056	- .082	- .604	320	278	- .463	.083	- .252	- .860	320	423	- .483	.095	- .251	- .899
320	229	- .324	.051	- .130	- .558	320	279	- .463	.076	- .250	- .865	320	424	- .412	.093	- .192	-1. 007
320	230	- .333	.046	- .192	- .568	320	280	- .086	.031	- .048	- .207	320	425	- .367	.070	- .127	- .760
320	231	- .321	.043	- .194	- .477	320	281	- .091	.030	- .020	- .228	320	426	- .370	.069	- .160	- .774
320	232	- .320	.041	- .173	- .498	320	282	- .114	.033	- .013	- .255	320	427	- .383	.084	- .183	- .884
320	233	- .328	.040	- .199	- .525	320	283	- .122	.034	- .023	- .288	320	428	- .405	.101	- .144	-1. 041
320	234	- .319	.041	- .204	- .489	320	284	- .141	.038	- .007	- .307	320	429	- .359	.052	- .172	- .625
320	235	- .317	.040	- .189	- .450	320	285	- .502	.095	- .270	-1. 064	320	430	- .375	.056	- .214	- .665
320	236	- .309	.038	- .175	- .458	320	286	- .330	.081	- .053	- .958	320	431	- .396	.055	- .237	- .667
320	237	- .364	.057	- .149	- .585	320	287	- .213	.073	- .046	- .626	320	432	- .417	.064	- .197	- .728
320	238	- .352	.051	- .168	- .568	320	288	- .104	.030	- .006	- .250	320	433	- .445	.081	- .223	- .812
320	239	- .340	.045	- .190	- .526	320	289	- .101	.033	- .033	- .312	320	434	- .424	.067	- .078	- .767
320	240	- .350	.042	- .192	- .507	320	290	- .125	.030	- .014	- .233	320	435	- .409	.063	- .223	- .683
320	241	- .348	.041	- .214	- .500	320	291	- .132	.031	- .026	- .265	320	436	- .430	.084	- .207	- .866
320	242	- .337	.037	- .231	- .455	320	292	- .133	.030	- .034	- .245	320	437	- .447	.099	- .125	- .950
320	243	- .333	.037	- .223	- .500	320	293	- .224	.041	- .095	- .398	320	438	- .450	.077	- .202	- .938
320	244	- .342	.037	- .233	- .493	320	294	- .239	.043	- .115	- .442	320	439	- .429	.071	- .216	- .760
320	245	- .340	.037	- .226	- .474	320	295	- .224	.042	- .015	- .363	320	440	- .415	.068	- .097	- .737
320	246	- .329	.037	- .223	- .467	320	296	- .254	.041	- .075	- .432	320	441	- .435	.063	- .254	- .697
320	247	- .326	.038	- .209	- .481	320	297	- .170	.083	- .165	- .437	320	442	- .433	.061	- .277	- .674
320	248	- .427	.064	- .255	- .753	320	298	- .333	.110	- .141	- .678	320	443	- .413	.058	- .221	- .758
320	249	- .414	.058	- .252	- .715	320	299	- .180	.100	- .367	- .452	320	444	- .445	.073	- .221	- .943
320	250	- .382	.046	- .221	- .557	320	300	- .154	.082	- .421	- .353	320	445	- .449	.070	- .258	- .910
320	251	- .375	.041	- .212	- .531	320	301	- .073	.072	- .409	- .221	320	446	- .466	.080	- .254	-1. 043
320	252	- .369	.042	- .226	- .514	320	302	- .092	.049	- .357	- .203	320	447	- .473	.097	- .244	-1. 197
320	253	- .364	.041	- .216	- .546	320	303	- .108	.044	- .141	- .223	320	448	- .472	.095	- .228	- .968
320	254	- .371	.042	- .252	- .524	320	304	- .125	.034	- .074	- .275	320	449	- .475	.097	- .141	-1. 031
320	255	- .366	.041	- .238	- .500	320	305	- .124	.037	- .038	- .346	320	450	- .491	.089	- .183	- .887
320	256	- .372	.045	- .228	- .546	320	401	- .459	.087	- .195	- .854	320	451	- .477	.089	- .221	- .873
320	257	- .368	.043	- .200	- .534	320	402	- .454	.080	- .225	- .739	320	452	- .486	.088	- .289	-1. 057
320	258	- .370	.042	- .243	- .498	320	403	- .460	.087	- .195	- .903	320	453	- .434	.068	- .239	- .760
320	259	- .376	.043	- .235	- .605	320	404	- .542	.100	- .272	-1. 093	320	454	- .440	.074	- .244	- .781
320	260	- .374	.042	- .245	- .562	320	405	- .493	.098	- .208	- .919	320	455	- .417	.072	- .165	- .700
320	261	- .370	.040	- .255	- .541	320	406	- .476	.090	- .221	-1. 005	320	456	- .422	.079	- .207	- .772
320	262	- .412	.060	- .262	- .763	320	407	- .475	.074	- .257	- .803	320	457	- .416	.077	- .172	- .760
320	263	- .404	.054	- .257	- .627	320	408	- .499	.100	- .225	-1. 024	320	458	- .411	.069	- .179	- .711
320	264	- .398	.053	- .252	- .608	320	409	- .452	.134	- .007	- .996	320	459	- .391	.063	- .181	- .814
320	265	- .411	.054	- .245	- .608	320	410	- .499	.107	- .061	- .980	320	460	- .383	.058	- .188	- .604
320	266	- .443	.058	- .245	- .684	320	411	- .521	.142	- .110	-1. 260	320	461	- .383	.054	- .225	- .632
320	267	- .464	.071	- .312	- .868	320	412	- .486	.100	- .218	- .957	320	462	- .348	.064	- .097	- .623
320	268	- .452	.067	- .288	- .739	320	413	- .672	.158	- .221	-1. 485	320	463	- .496	.080	- .286	- .975
320	269	- .438	.067	- .264	- .820	320	414	- .521	.122	- .181	-1. 136	320	464	- .421	.069	- .190	- .746
320	270	- .444	.058	- .288	- .701	320	415	- .515	.184	- .059	-1. 638	320	465	- .257	.071	- .057	- .473
320	271	- .284	.044	- .164	- .467	320	416	- .381	.106	- .082	-1. 143	320	466	- .526	.082	- .272	- .859
320	272	- .294	.047	- .161	- .529	320	417	- .372	.106	- .049	-1. 253	320	467	- .357	.046	- .235	- .534

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	468	-.330	.044	-.190	-.489	320	538	.328	.151	.824	-.165	320	602	-.064	.036	.095	-.276
320	469	-.307	.042	-.162	-.480	320	539	.213	.130	.680	-.125	320	603	-.069	.036	.069	-.380
320	470	-.272	.040	-.134	-.410	320	540	.079	.100	.432	-.227	320	604	-.065	.040	.135	-.282
320	471	-.281	.041	-.149	-.471	320	541	-.093	.068	.155	-.326	320	605	-.080	.042	.191	-.353
320	472	-.274	.045	-.145	-.482	320	542	-.238	.058	.031	-.475	320	606	-.086	.042	.162	-.412
320	473	-.291	.044	-.085	-.447	320	543	-.433	.060	-.227	-.660	320	607	-.086	.038	.107	-.348
320	474	-.325	.041	-.164	-.481	320	544	-.464	.071	-.244	-.794	320	608	-.093	.024	.001	-.195
320	475	-.312	.041	-.181	-.444	320	545	-.442	.072	-.224	-.859	320	609	-.076	.024	.038	-.163
320	476	-.242	.041	-.090	-.469	320	546	-.465	.068	-.270	-.910	320	610	-.062	.025	.093	-.208
320	477	-.231	.037	-.085	-.353	320	547	.325	.156	.780	-.088	320	611	-.055	.024	.056	-.178
320	478	-.219	.037	-.078	-.383	320	548	.383	.165	.967	-.010	320	612	-.077	.029	.065	-.240
320	479	-.208	.037	-.078	-.405	320	549	.255	.192	.886	-.385	320	613	-.082	.029	.102	-.193
320	480	-.211	.039	-.088	-.410	320	550	.267	.174	.827	-.424	320	614	-.079	.027	.029	-.222
320	501	-.294	.166	.841	-.504	320	551	.250	.141	.712	-.110	320	615	-.071	.025	.078	-.154
320	502	-.155	.167	.698	-.450	320	552	.135	.115	.572	-.174	320	616	-.057	.022	.023	-.146
320	503	-.017	.136	.482	-.475	320	553	-.025	.086	.329	-.248	320	617	-.046	.024	.083	-.131
320	504	-.103	.210	.774	-.549	320	554	-.205	.066	.064	-.412	320	618	-.045	.026	.068	-.131
320	505	-.048	.159	.662	-.553	320	555	-.333	.053	-.113	-.542	320	619	-.058	.030	.079	-.181
320	506	-.165	.134	.418	-.601	320	556	-.428	.059	-.260	-.724	320	620	-.069	.033	.062	-.212
320	507	-.119	.298	.665	-1.084	320	557	-.432	.060	-.260	-.863	320	621	-.070	.033	.094	-.212
320	508	-.095	.248	.534	-.834	320	558	.535	.097	-.297	-.989	320	701	-.089	.029	.020	-.269
320	509	-.413	.092	.264	-.712	320	559	.527	.091	-.280	-.998	320	702	-.006	.060	.294	-.195
320	510	-.144	.197	.343	-.603	320	560	.287	.140	.935	-.027	320	703	-.002	.050	.256	-.188
320	511	-.322	.146	.836	-.175	320	561	.362	.157	1.040	-.049	320	704	-.043	.043	.153	-.195
320	512	-.198	.131	.710	-.197	320	562	.096	.175	.780	-.773	320	705	-.066	.037	.105	-.231
320	513	-.162	.181	.727	-.537	320	563	.196	.144	.697	-.547	320	707	-.083	.034	.048	-.231
320	514	-.115	.135	.514	-.556	320	564	.215	.140	.773	-.164	320	708	-.100	.096	.599	-.108
320	515	-.057	.112	.467	-.299	320	565	.209	.152	.952	-.169	320	709	-.142	.097	.672	-.105
320	516	-.109	.096	.289	-.400	320	566	.087	.107	.510	-.164	320	710	-.102	.084	.588	-.082
320	517	-.386	.129	.390	-.752	320	567	-.359	.058	-.157	-.557	320	711	-.024	.065	.304	-.136
320	518	-.127	.157	.643	-.465	320	568	-.408	.059	-.255	-.834	320	712	-.022	.052	.244	-.140
320	519	-.419	.115	.331	-.700	320	569	-.457	.071	-.267	-.827	320	713	-.028	.050	.218	-.159
320	520	-.042	.252	.834	-.727	320	570	-.467	.075	-.287	-.859	320	714	-.078	.033	.059	-.213
320	521	-.410	.102	.182	-.841	320	571	.034	.215	.849	-.930	320	801	-.297	.045	-.165	-.494
320	522	-.130	.207	.551	-.715	320	572	-.001	.215	.702	-.949	320	802	-.259	.045	-.113	-.441
320	523	-.492	.173	.968	-.031	320	573	-.061	.046	.209	-.282	320	803	-.290	.090	-.019	-.628
320	524	-.527	.169	1.183	-.036	320	574	-.057	.046	.201	-.270	320	901	-.448	.081	-.236	-.926
320	525	-.359	.233	.940	-.489	320	575	-.044	.053	.292	-.265	320	902	-.510	.104	-.106	-.952
320	526	-.358	.189	.967	-.600	320	576	-.038	.067	.321	-.282	320	903	-.312	.110	-.049	-.769
320	527	-.295	.150	.804	-.118	320	577	-.051	.080	.378	-.407	320	904	-.614	.148	-.008	-1.203
320	528	-.044	.089	.316	-.326	320	578	-.063	.066	.329	-.157	320	905	-.322	.166	1.028	-.023
320	529	-.126	.086	.182	-.432	320	579	.147	.093	.658	-.108	320	906	.011	.091	.513	-.312
320	530	-.180	.077	.085	-.462	320	580	.201	.105	.687	-.047	320	907	.067	.079	.459	-.177
320	531	-.276	.066	.051	-.529	320	581	.180	.087	.565	-.017	320	908	.096	.078	.471	-.103
320	532	-.487	.088	-.187	-.856	320	582	.189	.095	.659	-.049	320	909	-.051	.086	.392	-.596
320	533	-.437	.074	.209	-.799	320	583	.097	.077	.474	-.088	320	910	-.050	.046	.193	-.281
320	534	-.457	.177	1.020	-.093	320	584	.201	.107	.692	-.032	320	911	-.501	.106	-.184	-.930
320	535	-.525	.183	1.161	-.066	320	585	.250	.122	.851	-.000	320	912	-.040	.049	-.276	-.212
320	536	-.401	.232	1.015	-.445	320	586	.260	.132	.947	-.012	320	913	-.410	.063	-.222	-.857
320	537	-.376	.195	.963	-.447	320	601	-.101	.031	.047	-.280	320	914	-.316	.093	.044	-.722

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	915	- .315	.097	.051	-.926	320	1201	-.130	.079	-.198	-.390	330	126	.453	.178	1.020	-.272
320	916	-.552	.117	-.186	-1.021	320	1202	-.346	.105	-.018	-.791	330	127	.511	.169	1.103	-.028
320	917	-.525	.115	.008	-.935	320	1203	-.555	.160	-.085	-1.217	330	128	.479	.164	1.070	-.035
320	918	.058	.072	.466	-.122	320	1204	-.009	.099	.435	-.289	330	129	-.196	.045	.012	-.361
320	919	.066	.076	.471	-.110	320	1205	.055	.198	.668	-1.253	330	130	-.063	.060	.166	-.272
320	920	.076	.076	.397	-.098	320	1206	.227	.127	.801	-.208	330	131	.074	.084	.467	-.160
320	921	-.048	.072	.305	-.509	320	1207	.177	.133	.718	-.198	330	132	.188	.099	.556	-.153
320	922	-.034	.045	.257	-.212	320	1208	.115	.144	.863	-.373	330	133	.275	.133	.830	-.106
320	923	-.412	.065	-.215	-.731	320	1209	-.153	.153	.616	-.721	330	134	.265	.176	.891	-.366
320	924	-.470	.135	-.120	-.980	320	1210	-.101	.082	.289	-.464	330	135	.404	.184	.988	-.427
320	925	-.039	.044	.196	-.186	320	1211	-.023	.131	.390	-.653	330	136	.515	.172	1.072	.044
320	926	.446	.106	-.082	-.883	320	1301	-.551	.088	-.311	-.946	330	137	.499	.164	1.020	.056
320	927	-.450	.083	-.191	-.843	320	1302	-.436	.059	-.245	-.675	330	138	-.261	.053	-.010	-.481
320	928	-.574	.097	-.264	-.938	320	1303	-.476	.076	-.294	-.872	330	139	-.133	.058	.131	-.364
320	929	-.493	.082	-.231	-.814	320	1304	-.589	.247	-.164	-1.401	330	140	.003	.077	.288	-.211
320	930	-.419	.077	-.229	-1.061	320	1305	-.458	.061	-.294	-.766	330	141	.106	.099	.507	-.162
320	931	-.569	.127	-.079	-1.037	320	1306	-.625	.165	-.131	-1.303	330	142	.192	.124	.652	-.202
320	932	-.006	.065	.373	-.148	320	1307	-.364	.169	1.116	-.102	330	143	.159	.176	.741	-.458
320	933	-.011	.061	.262	-.200	320	1308	-.295	.151	.946	-.092	330	144	.264	.191	.840	-.559
320	934	-.007	.061	.302	-.129	320	1309	-.317	.121	.232	-.899	330	145	.394	.158	1.030	-.017
320	935	-.053	.060	.243	-.430	320	1310	-.369	.109	-.050	-.838	330	146	.352	.163	.931	-.078
320	936	-.043	.037	.115	-.160	320	1311	-.394	.134	.267	-.897	330	147	-.341	.061	-.136	-.582
320	937	-.504	.087	-.238	-.847	320	1312	-.224	.061	.024	-.446	330	148	-.194	.055	.084	-.458
320	938	-.544	.093	-.224	-.914	320	1313	-.070	.118	.467	-.498	330	149	-.059	.062	.296	-.255
320	939	-.048	.044	.181	-.188	320	1314	-.534	.087	-.331	-.973	330	150	.027	.074	.318	-.165
320	940	-.371	.076	-.072	-.696	330	101	-.057	.085	.397	-.334	330	151	.048	.099	.665	-.340
320	941	-.396	.070	-.091	-.715	330	102	-.174	.107	.535	-.153	330	152	-.062	.136	.429	-.583
320	942	-.380	.080	-.160	-.824	330	103	-.383	.157	.869	-.485	330	153	-.047	.184	.691	-.832
320	943	-.413	.091	-.117	-.779	330	104	-.462	.199	.324	-1.014	330	154	.385	.160	1.001	-.003
320	944	-.355	.041	-.226	-.506	330	105	-.506	.134	-.038	-.939	330	155	.280	.124	.802	-.089
320	945	-.309	.085	-.094	-.715	330	106	-.319	.065	-.085	-.573	330	156	-.101	.151	.672	-.754
320	946	-.338	.072	-.108	-.629	330	107	-.102	.126	.495	-.444	330	157	-.113	.239	.746	-1.135
320	947	-.030	.071	.321	-.225	330	108	-.109	.205	.694	-.692	330	158	-.064	.227	.703	-.974
320	948	.013	.079	.388	-.168	330	109	-.562	.195	.382	-1.213	330	159	.299	.155	.942	-.141
320	949	.007	.062	.280	-.134	330	110	-.546	.212	.767	-1.086	330	160	.237	.120	.743	-.044
320	950	-.040	.054	.206	-.230	330	111	-.153	.053	.068	-.430	330	161	.206	.104	.694	-.028
320	951	-.045	.044	.239	-.168	330	112	-.043	.068	.195	-.244	330	162	-.317	.058	-.136	-.569
320	1101	-.304	.081	.009	-.902	330	113	.027	.086	.319	-.254	330	163	-.189	.043	.013	-.399
320	1102	-.275	.069	-.085	-.808	330	114	.109	.099	.432	-.193	330	164	-.049	.046	.119	-.203
320	1103	-.242	.060	-.062	-.582	330	115	.126	.112	.563	-.261	330	165	.030	.059	.256	-.122
320	1104	-.248	.069	-.058	-.636	330	116	.181	.169	.713	-.430	330	166	.055	.062	.334	-.103
320	1105	-.212	.073	-.014	-.599	330	117	.350	.166	.889	-.502	330	167	.059	.068	.353	-.167
320	1106	-.282	.103	-.048	-1.148	330	118	.256	.143	.802	-.289	330	168	.040	.075	.296	-.434
320	1107	-.133	.105	.329	-.488	330	119	.361	.148	.823	-.120	330	169	.042	.082	.329	-.285
320	1108	-.066	.067	.390	-.289	330	120	-.167	.046	.073	-.298	330	170	.214	.099	.573	-.016
320	1109	-.020	.096	.430	-.500	330	121	-.021	.060	.277	-.270	330	171	-.319	.092	-.063	-.849
320	1110	-.111	.176	.587	-.781	330	122	.102	.096	.441	-.195	330	172	-.060	.066	.249	-.256
320	1111	-.115	.084	.368	-.518	330	123	.218	.107	.584	-.134	330	173	.008	.065	.341	-.159
320	1112	-.278	.084	.174	-.656	330	124	.300	.133	.704	-.160	330	174	.069	.075	.498	-.110
320	1113	-.218	.106	.174	-.833	330	125	.292	.185	.889	-.624	330	175	.100	.082	.481	-.113

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	176	.109	.082	.523	-.155	330	248	-.432	.069	-.255	-.862	330	298	-.360	.120	.102	-.721
330	177	.094	.087	.496	-.214	330	249	-.425	.063	-.252	-.712	330	299	-.192	.105	.395	-.458
330	178	.078	.096	.572	-.401	330	250	-.416	.054	-.238	-.623	330	300	-.140	.083	.235	-.430
330	201	-.450	.089	-.177	-.873	330	251	-.390	.048	-.240	-.575	330	301	-.049	.068	.321	-.209
330	202	-.482	.094	-.223	-.881	330	252	-.387	.054	-.252	-.857	330	302	-.049	.061	.286	-.196
330	203	-.519	.093	-.239	-.931	330	253	-.390	.050	-.212	-.625	330	303	-.080	.047	.185	-.231
330	204	-.582	.094	-.148	-.847	330	254	-.396	.053	-.243	-.611	330	304	-.104	.041	.084	-.460
330	205	-.544	.089	-.266	-.868	330	255	-.392	.050	-.257	-.745	330	305	-.096	.043	.043	-.315
330	206	-.536	.087	-.191	-.833	330	256	-.397	.053	-.240	-.640	330	401	-.484	.094	-.219	-.943
330	207	-.449	.096	-.143	-.895	330	257	-.385	.049	-.224	-.625	330	402	-.491	.094	-.241	-.889
330	208	-.436	.098	-.153	-.921	330	258	-.389	.053	-.221	-.628	330	403	-.471	.087	-.233	-.865
330	209	-.353	.096	-.045	-.801	330	259	-.400	.051	-.228	-.669	330	404	-.585	.111	-.243	-.990
330	210	-.438	.103	-.054	-.845	330	260	-.390	.050	-.257	-.647	330	405	-.508	.099	-.194	-.928
330	211	-.517	.107	-.210	-.950	330	261	-.400	.056	-.236	-.680	330	406	-.501	.101	-.248	-.1.199
330	212	-.485	.130	-.040	-.881	330	262	-.402	.070	-.178	-.709	330	407	-.487	.082	-.214	-.800
330	213	-.609	.105	-.165	-.926	330	263	-.407	.067	-.221	-.630	330	408	-.527	.116	-.216	-.1.204
330	214	-.655	.143	-.198	-.301	330	264	-.422	.058	-.212	-.654	330	409	-.505	.112	-.217	-.1.030
330	215	-.358	.098	-.062	-.840	330	265	-.443	.064	-.283	-.757	330	410	-.492	.104	-.139	-.1.007
330	216	-.339	.093	-.047	-.739	330	266	-.484	.068	-.228	-.848	330	411	-.626	.162	-.198	-.1.459
330	217	-.337	.090	-.028	-.847	330	267	-.508	.086	-.293	-.960	330	412	-.478	.103	-.144	-.943
330	218	-.363	.101	-.102	-.953	330	268	-.502	.084	-.305	-.1.018	330	413	-.544	.173	-.092	-.1.328
330	219	-.350	.082	-.110	-.780	330	269	-.485	.079	-.315	-.857	330	414	-.438	.095	-.092	-.929
330	220	-.331	.057	-.170	-.672	330	270	-.501	.078	-.317	-.896	330	415	-.424	.128	-.016	-.1.104
330	221	-.330	.055	-.150	-.566	330	271	-.269	.049	-.133	-.475	330	416	-.347	.098	-.070	-.1.092
330	222	-.345	.058	-.143	-.724	330	272	-.276	.045	-.150	-.451	330	417	-.352	.096	-.016	-.957
330	223	-.324	.047	-.160	-.508	330	273	-.315	.049	-.138	-.518	330	418	-.369	.105	-.011	-.978
330	224	-.308	.043	-.146	-.455	330	274	-.365	.057	-.207	-.599	330	419	-.391	.117	-.006	-.1.288
330	225	-.314	.045	-.148	-.479	330	275	-.438	.062	-.243	-.719	330	420	-.360	.065	-.162	-.634
330	226	-.341	.083	-.122	-.720	330	276	-.402	.078	-.252	-.982	330	421	-.369	.070	-.127	-.671
330	227	-.326	.076	-.078	-.789	330	277	-.512	.098	-.248	-.1.011	330	422	-.393	.074	-.177	-.751
330	228	-.320	.069	-.114	-.789	330	278	-.517	.106	-.279	-.1.235	330	423	-.415	.075	-.170	-.855
330	229	-.334	.054	-.165	-.631	330	279	-.504	.095	-.262	-.1.001	330	424	-.393	.075	-.172	-.841
330	230	-.339	.052	-.198	-.643	330	280	-.072	.033	-.044	-.212	330	425	-.366	.068	-.140	-.745
330	231	-.330	.046	-.189	-.566	330	281	-.071	.034	-.056	-.207	330	426	-.383	.071	-.161	-.734
330	232	-.322	.040	-.198	-.475	330	282	-.094	.033	-.018	-.228	330	427	-.370	.093	-.112	-.922
330	233	-.330	.042	-.203	-.501	330	283	-.099	.034	-.032	-.319	330	428	-.396	.102	-.142	-.927
330	234	-.312	.040	-.179	-.482	330	284	-.112	.033	-.006	-.248	330	429	-.343	.046	-.201	-.533
330	235	-.320	.040	-.191	-.446	330	285	-.526	.103	-.256	-.1.034	330	430	-.352	.044	-.185	-.573
330	236	-.313	.043	-.148	-.487	330	286	-.314	.082	-.021	-.704	330	431	-.374	.047	-.171	-.625
330	237	-.362	.052	-.191	-.624	330	287	-.186	.070	-.015	-.566	330	432	-.397	.051	-.234	-.639
330	238	-.353	.050	-.189	-.592	330	288	-.087	.037	-.040	-.238	330	433	-.407	.066	-.229	-.774
330	239	-.344	.047	-.205	-.494	330	289	-.086	.038	-.047	-.268	330	434	-.387	.054	-.208	-.738
330	240	-.342	.043	-.185	-.489	330	290	-.106	.034	-.077	-.233	330	435	-.386	.054	-.189	-.576
330	241	-.348	.041	-.166	-.559	330	291	-.113	.031	-.001	-.233	330	436	-.396	.070	-.180	-.903
330	242	-.338	.039	-.207	-.518	330	292	-.110	.032	-.001	-.347	330	437	-.394	.084	-.130	-.849
330	243	-.341	.039	-.209	-.554	330	293	-.223	.045	-.081	-.460	330	438	-.416	.054	-.267	-.672
330	244	-.345	.041	-.224	-.582	330	294	-.233	.040	-.110	-.406	330	439	-.399	.053	-.251	-.672
330	245	-.341	.038	-.202	-.503	330	295	-.208	.045	-.061	-.398	330	440	-.397	.055	-.225	-.677
330	246	-.331	.042	-.202	-.475	330	296	-.241	.043	-.093	-.428	330	441	-.430	.052	-.274	-.689
330	247	-.329	.042	-.150	-.472	330	297	-.149	.094	-.217	-.408	330	442	-.423	.058	-.262	-.691

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	443	-.395	.052	-.246	-.606	330	513	-.120	.224	.574	-.754	330	563	.150	.162	.813	-.472
330	444	-.430	.065	-.281	-.950	330	514	-.046	.159	.361	-.789	330	564	.229	.133	.850	-.221
330	445	-.436	.064	-.277	-.821	330	515	-.051	.088	.316	-.399	330	565	.138	.136	.725	-.226
330	446	-.443	.074	-.236	-.983	330	516	-.201	.071	.058	-.434	330	566	.051	.097	.477	-.324
330	447	-.436	.078	-.241	-.936	330	517	-.421	.100	.187	-.794	330	567	-.364	.054	-.172	-.592
330	448	-.434	.073	-.203	-.802	330	518	-.037	.142	.393	-.533	330	568	-.398	.054	-.241	-.668
330	449	-.438	.073	-.241	-.840	330	519	-.398	.102	.117	-.699	330	569	-.439	.064	-.275	-.788
330	450	-.472	.078	-.272	-.858	330	520	-.152	.217	.641	-.637	330	570	-.437	.064	-.277	-.747
330	451	-.457	.077	-.277	-.795	330	521	-.337	.093	-.009	-.791	330	571	-.063	.205	.776	-.634
330	452	-.462	.084	-.248	-.990	330	522	-.279	.159	.348	-.764	330	572	-.037	.184	.712	-.395
330	453	-.415	.063	-.265	-.719	330	523	-.503	.168	.026	-.027	330	573	-.029	.045	.231	-.184
330	454	-.413	.062	-.241	-.717	330	524	-.515	.163	.041	.011	330	574	-.011	.051	.334	-.211
330	455	-.404	.066	-.185	-.682	330	525	-.062	.236	.818	-.682	330	575	.015	.058	.322	-.191
330	456	-.409	.064	-.234	-.759	330	526	-.108	.233	.782	-.635	330	576	.022	.064	.307	-.226
330	457	-.391	.060	-.220	-.660	330	527	-.175	.115	.535	-.305	330	577	.034	.083	.350	-.363
330	458	-.381	.059	-.220	-.651	330	528	-.118	.071	.190	-.382	330	578	.115	.079	.501	-.167
330	459	-.388	.058	-.189	-.670	330	529	-.181	.064	.090	-.429	330	579	.176	.093	.622	-.042
330	460	-.387	.054	-.201	-.583	330	530	-.230	.058	-.019	-.429	330	580	.224	.112	.663	-.015
330	461	-.394	.058	-.229	-.762	330	531	-.307	.054	-.061	-.501	330	581	.189	.084	.560	-.011
330	462	-.355	.065	-.133	-.630	330	532	-.425	.076	-.190	-.769	330	582	.200	.096	.605	-.001
330	463	-.453	.070	-.220	-.736	330	533	-.422	.074	-.178	-.821	330	583	.139	.078	.575	-.113
330	464	-.410	.062	-.241	-.642	330	534	-.510	.175	.076	.016	330	584	.217	.105	.634	-.017
330	465	-.316	.068	-.041	-.550	330	535	-.494	.160	.026	-.038	330	585	.264	.114	.862	-.035
330	466	-.485	.085	-.229	-.887	330	536	-.105	.225	.763	-.717	330	586	.300	.125	.921	-.007
330	467	-.347	.051	-.192	-.557	330	537	-.130	.239	.799	-.674	330	601	-.088	.035	.027	-.255
330	468	-.312	.048	-.171	-.533	330	538	-.238	.129	.684	-.287	330	602	-.040	.046	.161	-.380
330	469	-.293	.046	-.142	-.491	330	539	-.149	.102	.522	-.158	330	603	-.054	.046	.167	-.349
330	470	-.263	.043	-.119	-.498	330	540	-.011	.080	.341	-.195	330	604	-.053	.049	.189	-.444
330	471	-.271	.047	-.140	-.472	330	541	-.152	.048	.031	-.302	330	605	-.071	.056	.165	-.378
330	472	-.267	.050	-.118	-.508	330	542	-.269	.043	-.096	-.421	330	606	-.077	.055	.152	-.408
330	473	-.279	.052	-.100	-.472	330	543	-.405	.053	-.215	-.739	330	607	-.075	.054	.240	-.405
330	474	-.308	.043	-.187	-.494	330	544	-.424	.058	-.213	-.799	330	608	-.072	.026	.031	-.201
330	475	-.303	.045	-.157	-.494	330	545	-.403	.053	-.225	-.717	330	609	-.056	.024	.051	-.164
330	476	-.246	.044	-.088	-.403	330	546	-.437	.055	-.225	-.788	330	610	-.040	.025	.056	-.124
330	477	-.234	.043	-.073	-.413	330	547	-.428	.157	.909	-.022	330	611	-.034	.026	.056	-.134
330	478	-.221	.041	-.068	-.448	330	548	-.425	.147	.929	-.039	330	612	-.051	.030	.063	-.179
330	479	-.209	.043	-.044	-.418	330	549	-.134	.230	.835	-.562	330	613	-.061	.029	.043	-.211
330	480	-.215	.049	-.063	-.443	330	550	-.200	.218	.759	-.626	330	614	-.059	.029	.051	-.233
330	501	-.124	.158	.071	-.689	330	551	-.203	.126	.666	-.548	330	615	-.041	.029	.143	-.128
330	502	-.034	.117	.602	-.468	330	552	-.099	.095	.489	-.147	330	616	-.024	.026	.098	-.108
330	503	-.172	.106	.321	-.476	330	553	-.054	.073	.307	-.233	330	617	-.008	.032	.188	-.091
330	504	-.064	.158	.664	-.414	330	554	-.225	.055	.003	-.400	330	618	-.003	.034	.171	-.101
330	505	-.085	.103	.401	-.468	330	555	-.343	.046	-.164	-.550	330	619	-.026	.031	.101	-.163
330	506	-.211	.087	.199	-.603	330	556	-.410	.051	-.277	-.729	330	620	-.028	.031	.134	-.180
330	507	-.480	.179	.470	-.997	330	557	-.414	.052	-.253	-.639	330	621	-.031	.030	.103	-.158
330	508	-.015	.187	.438	-.801	330	558	-.500	.082	-.314	-.852	330	701	-.073	.032	.044	-.257
330	509	-.422	.113	.019	-.766	330	559	-.501	.082	-.312	-.951	330	702	-.047	.055	.240	-.122
330	510	-.329	.160	.271	-.761	330	560	-.343	.142	.929	.010	330	703	.046	.050	.281	-.105
330	511	-.252	.143	.733	-.190	330	561	-.387	.148	.983	.000	330	704	.006	.051	.281	-.201
330	512	-.181	.127	.587	-.235	330	562	-.086	.187	.740	-.737	330	705	-.024	.043	.190	-.180

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	707	-.057	.036	.086	-.170	330	940	-.341	.079	-.049	-.677	340	101	.057	.116	.508	-.457
330	708	-.135	.084	.576	-.040	330	941	-.395	.080	-.120	-.713	340	102	.304	.139	.822	-.268
330	709	-.146	.086	.625	-.082	330	942	-.326	.083	-.004	-.672	340	103	.480	.161	1.084	-.114
330	710	-.114	.072	.529	-.054	330	943	-.373	.092	-.073	-.772	340	104	-.280	.182	.537	-.884
330	711	-.069	.071	.475	-.115	330	944	-.383	.050	-.211	-.584	340	105	-.399	.117	-.039	-.837
330	712	-.026	.059	.341	-.108	330	945	-.271	.070	-.051	-.701	340	106	-.348	.077	-.112	-.639
330	713	-.013	.057	.251	-.148	330	946	-.366	.079	-.108	-.684	340	107	.052	.135	.479	-.403
330	714	-.039	.039	.162	-.169	330	947	.026	.087	.472	-.165	340	108	.193	.182	.710	-.473
330	801	-.287	.048	-.136	-.499	330	948	.028	.069	.328	-.143	340	109	-.407	.251	.687	-1.117
330	802	-.239	.049	-.047	-.458	330	949	.039	.059	.299	-.105	340	110	-.448	.301	.957	-1.206
330	803	-.311	.112	-.078	-.748	330	950	-.004	.050	.227	-.186	340	111	-.090	.072	.276	-.312
330	901	-.422	.073	-.234	-.810	330	951	-.002	.042	.210	-.126	340	112	.032	.089	.355	-.319
330	902	-.444	.089	-.125	-1.020	330	1101	-.359	.077	-.127	-.730	340	113	.120	.100	.458	-.203
330	903	-.325	.100	-.034	-.713	330	1102	-.340	.083	-.110	-.708	340	114	.200	.119	.628	-.172
330	904	-.616	.142	-.144	-1.184	330	1103	-.304	.068	-.080	-.600	340	115	.228	.132	.679	-.191
330	905	.404	.166	1.169	-.006	330	1104	-.327	.094	-.082	-.881	340	116	.333	.149	.960	-.193
330	906	.095	.090	.558	-.211	330	1105	-.253	.130	.304	-.799	340	117	.356	.168	.892	-.280
330	907	.101	.074	.425	-.077	330	1106	-.364	.114	-.036	-1.221	340	118	.286	.149	.850	-.179
330	908	.124	.076	.475	-.085	330	1107	-.140	.167	.455	-.588	340	119	.307	.142	.771	-.126
330	909	.012	.080	.510	-.380	330	1108	.010	.095	.534	-.270	340	120	-.107	.058	.140	-.310
330	910	.002	.053	.446	-.192	330	1109	.143	.149	.632	-.447	340	121	.043	.089	.402	-.282
330	911	-.423	.083	-.123	-.829	330	1110	-.154	.236	.632	-.999	340	122	.197	.118	.750	-.151
330	912	.014	.048	.260	-.132	330	1111	-.166	.085	.161	-.684	340	123	.290	.126	.733	-.067
330	913	-.380	.054	-.213	-.613	330	1112	-.370	.089	-.112	-.777	340	124	.414	.149	.985	-.088
330	914	-.233	.093	-.001	-.637	330	1113	-.265	.144	.235	-.871	340	125	.454	.179	1.055	-.121
330	915	-.303	.066	-.085	-.667	330	1201	-.181	.083	.070	-.612	340	126	.495	.180	1.195	-.121
330	916	-.641	.115	-.161	-1.103	330	1202	-.377	.105	-.142	-.905	340	127	.490	.168	1.069	-.010
330	917	-.534	.132	-.046	-.991	330	1203	-.576	.166	-.147	-1.433	340	128	.418	.152	.890	-.021
330	918	.134	.097	.636	-.087	330	1204	-.066	.089	.238	-.440	340	129	-.146	.058	.080	-.319
330	919	.098	.076	.460	-.106	330	1205	-.064	.221	.600	-.913	340	130	.008	.077	.318	-.259
330	920	.095	.075	.448	-.068	330	1206	.278	.133	.809	-.147	340	131	.172	.106	.507	-.130
330	921	-.000	.066	.270	-.308	330	1207	.202	.139	.824	-.193	340	132	.311	.122	.761	-.044
330	922	.005	.041	.268	-.123	330	1208	.129	.168	.740	-.553	340	133	.402	.147	.876	-.035
330	923	-.388	.055	-.232	-.717	330	1209	-.275	.183	.554	-.886	340	134	.430	.177	1.032	-.098
330	924	-.501	.132	-.149	-1.127	330	1210	-.164	.101	.226	-.627	340	135	.477	.168	.997	-.065
330	925	.007	.048	.268	-.139	330	1211	-.150	.163	.331	-.863	340	136	.496	.169	1.034	-.002
330	926	.419	.122	-.001	-.874	330	1301	-.517	.080	-.304	-.839	340	137	.429	.149	.929	-.026
330	927	.469	.089	-.206	-.879	330	1302	-.420	.060	-.256	-.666	340	138	-.226	.064	.096	-.471
330	928	-.623	.105	-.292	-1.089	330	1303	-.448	.060	-.297	-.765	340	139	-.081	.076	.222	-.301
330	929	.458	.095	-.149	-.877	330	1304	-.662	.199	.100	-1.386	340	140	.087	.098	.448	-.156
330	930	-.511	.142	-.220	-1.189	330	1305	-.432	.057	-.262	-.674	340	141	.199	.123	.701	-.198
330	931	-.549	.128	-.073	-.982	330	1306	-.657	.164	-.169	-1.263	340	142	.280	.142	.813	-.070
330	932	.064	.078	.522	-.115	330	1307	.373	.168	.979	-.087	340	143	.286	.173	.908	-.249
330	933	.027	.061	.282	-.139	330	1308	.322	.154	.807	-.164	340	144	.336	.170	1.034	-.301
330	934	.040	.064	.446	-.113	330	1309	-.405	.119	.233	-.935	340	145	.405	.158	.985	-.051
330	935	-.005	.061	.222	-.418	330	1310	-.388	.109	-.068	-.888	340	146	.323	.144	.862	-.051
330	936	.001	.046	.284	-.139	330	1311	-.458	.136	.006	-.937	340	147	-.341	.068	-.067	-.616
330	937	-.516	.102	-.201	-.877	330	1312	-.245	.066	-.018	-.496	340	148	-.172	.066	.133	-.375
330	938	-.540	.106	-.189	-.965	330	1313	-.148	.121	.356	-.639	340	149	-.020	.078	.398	-.218
330	939	-.011	.045	.227	-.151	330	1314	-.508	.084	-.267	-.896	340	150	.069	.086	.516	-.162

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	151	.115	.102	.615	-.155	340	223	-.328	.051	-.161	-.519	340	273	-.286	.060	-.035	-.530
340	152	.065	.134	.603	-.362	340	224	-.314	.049	-.134	-.524	340	274	-.346	.073	-.118	-.700
340	153	.108	.182	.725	-.534	340	225	-.305	.049	-.137	-.499	340	275	-.429	.080	-.161	-.755
340	154	.369	.152	1.076	-.018	340	226	-.333	.081	-.085	-.733	340	276	-.507	.091	-.203	-.848
340	155	.289	.117	.794	-.042	340	227	-.325	.070	-.093	-.797	340	277	-.580	.119	-.287	-1.361
340	156	-.014	.136	.777	-.771	340	228	-.329	.065	-.117	-.848	340	278	-.595	.145	-.302	-1.425
340	157	.008	.199	.688	-.955	340	229	-.337	.055	-.141	-.636	340	279	-.586	.131	-.292	-1.298
340	158	.035	.185	.669	-.748	340	230	-.353	.059	-.168	-.621	340	280	-.065	.035	.057	-.249
340	159	.264	.151	1.024	-.258	340	231	-.339	.046	-.151	-.558	340	281	-.069	.033	.035	-.268
340	160	.231	.117	.685	-.028	340	232	-.334	.050	-.168	-.611	340	282	-.091	.032	.045	-.224
340	161	.217	.100	.695	.008	340	233	-.347	.049	-.185	-.587	340	283	-.100	.035	.001	-.302
340	162	-.339	.072	-.089	-.691	340	234	-.328	.047	-.171	-.519	340	284	-.092	.035	.027	-.269
340	163	-.194	.052	.003	-.383	340	235	-.319	.045	-.190	-.490	340	285	-.524	.119	-.260	-1.038
340	164	-.030	.054	.227	-.169	340	236	-.318	.045	-.154	-.470	340	286	-.301	.090	-.046	-.855
340	165	.041	.057	.300	-.119	340	237	-.369	.056	-.200	-.677	340	287	-.168	.086	.043	-.586
340	166	.092	.064	.431	-.068	340	238	-.367	.055	-.168	-.604	340	288	-.061	.033	.064	-.198
340	167	.076	.064	.485	-.211	340	239	-.361	.051	-.215	-.610	340	289	-.054	.036	.092	-.237
340	168	.081	.077	.342	-.192	340	240	-.369	.050	-.169	-.617	340	290	-.076	.032	.075	-.195
340	169	.065	.076	.361	-.289	340	241	-.388	.059	-.244	-.833	340	291	-.088	.029	.032	-.248
340	170	.220	.094	.662	-.003	340	242	-.362	.050	-.203	-.569	340	292	-.084	.031	.059	-.264
340	171	.331	.107	.051	-.845	340	243	-.359	.051	-.207	-.608	340	293	-.192	.051	-.007	-.425
340	172	.043	.071	.264	-.235	340	244	-.367	.052	-.188	-.588	340	294	-.186	.041	-.044	-.340
340	173	.049	.074	.395	-.136	340	245	-.352	.047	-.198	-.559	340	295	-.162	.050	.062	-.322
340	174	.104	.082	.470	-.094	340	246	-.344	.044	-.181	-.549	340	296	-.190	.044	.020	-.340
340	175	.128	.087	.597	-.078	340	247	-.340	.046	-.157	-.503	340	297	-.112	.100	.275	-.402
340	176	.151	.086	.594	-.088	340	248	-.457	.085	-.200	-.920	340	298	-.347	.120	.142	-.687
340	177	.139	.091	.659	-.140	340	249	-.472	.081	-.224	-.840	340	299	-.182	.092	.255	-.450
340	178	.112	.089	.480	-.177	340	250	-.450	.070	-.229	-.755	340	300	-.131	.068	.278	-.347
340	201	.400	.079	-.145	-.770	340	251	-.441	.064	-.285	-.775	340	301	-.030	.063	.328	-.170
340	202	-.423	.087	-.129	-.889	340	252	-.430	.067	-.261	-.896	340	302	-.020	.060	.271	-.166
340	203	-.510	.103	-.066	-.879	340	253	-.432	.067	-.249	-.753	340	303	-.047	.051	.245	-.182
340	204	-.539	.117	-.093	-.909	340	254	-.431	.065	-.203	-.726	340	304	-.076	.035	.062	-.228
340	205	-.551	.094	-.154	-.969	340	255	-.433	.069	-.266	-.712	340	305	-.063	.040	.098	-.235
340	206	-.517	.083	-.237	-.931	340	256	-.430	.069	-.239	-.748	340	401	-.409	.070	-.209	-.705
340	207	-.400	.095	-.059	-.763	340	257	-.421	.069	-.200	-.775	340	402	-.417	.076	-.228	-.750
340	208	-.380	.102	-.107	-.938	340	258	-.418	.063	-.222	-.704	340	403	-.414	.071	-.166	-.710
340	209	-.347	.098	-.042	-.819	340	259	-.452	.074	-.246	-.845	340	404	-.495	.111	-.150	-.903
340	210	-.402	.104	-.078	-.974	340	260	-.427	.061	-.256	-.675	340	405	-.431	.095	-.147	-.843
340	211	-.466	.127	-.175	-1.069	340	261	-.449	.072	-.256	-.816	340	406	-.396	.079	-.166	-.910
340	212	-.397	.112	-.027	-.821	340	262	-.385	.081	-.161	-.721	340	407	-.392	.075	-.173	-.673
340	213	-.592	.150	-.134	-1.084	340	263	-.386	.076	-.157	-.712	340	408	-.431	.125	-.078	-1.155
340	214	-.659	.204	-.171	-1.440	340	264	-.407	.074	-.169	-.656	340	409	-.509	.107	-.169	-.966
340	215	-.346	.113	-.019	-.999	340	265	-.460	.078	-.217	-.923	340	410	-.445	.097	-.169	-.919
340	216	-.341	.117	-.049	-1.420	340	266	-.518	.088	-.227	-.889	340	411	-.527	.122	-.155	-1.131
340	217	-.344	.101	-.003	-.989	340	267	-.564	.104	-.271	-1.083	340	412	-.421	.080	-.171	-.750
340	218	-.355	.098	-.090	-1.079	340	268	-.557	.107	-.314	-1.223	340	413	-.479	.136	-.077	-1.089
340	219	-.354	.082	-.093	-.892	340	269	-.544	.093	-.271	-1.027	340	414	-.403	.085	-.112	-.924
340	220	-.338	.068	-.137	-.928	340	270	-.545	.091	-.304	-1.003	340	415	-.375	.101	-.070	-.863
340	221	-.336	.065	-.144	-.772	340	271	-.227	.048	-.050	-.440	340	416	-.313	.078	-.022	-.755
340	222	-.353	.073	-.178	-.972	340	272	-.247	.051	-.052	-.447	340	417	-.313	.081	-.058	-.698



WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	418	-.327	.098	-.068	-.835	340	468	-.294	.049	-.161	-.496	340	538	.057	.179	.479	-.966
340	419	-.335	.112	-.053	-.872	340	469	-.274	.046	-.118	-.451	340	539	-.045	.073	.349	-.443
340	420	-.340	.063	-.150	-.609	340	470	-.247	.050	-.102	-.507	340	540	-.057	.057	.166	-.223
340	421	-.353	.066	-.157	-.637	340	471	-.213	.047	-.060	-.494	340	541	-.180	.034	-.061	-.290
340	422	-.371	.070	-.119	-.649	340	472	-.208	.049	-.047	-.535	340	542	-.257	.036	-.135	-.385
340	423	-.399	.078	-.183	-.790	340	473	-.227	.052	-.000	-.508	340	543	-.349	.050	-.165	-.542
340	424	-.362	.068	-.115	-.661	340	474	-.251	.042	-.120	-.457	340	544	-.360	.059	-.165	-.605
340	425	-.332	.064	-.076	-.732	340	475	-.242	.043	-.081	-.460	340	545	-.356	.051	-.202	-.644
340	426	-.317	.063	-.132	-.620	340	476	-.210	.046	-.055	-.444	340	546	-.380	.049	-.245	-.653
340	427	-.316	.073	-.048	-.814	340	477	-.198	.046	-.039	-.398	340	547	-.369	.142	.827	-.025
340	428	-.320	.080	-.118	-.814	340	478	-.160	.043	-.018	-.377	340	548	-.406	.149	.853	.030
340	429	-.337	.042	-.200	-.505	340	479	-.179	.051	-.013	-.453	340	549	-.125	.199	.665	-.038
340	430	-.342	.041	-.210	-.500	340	480	-.178	.051	-.016	-.515	340	550	-.060	.224	.607	-.999
340	431	-.359	.043	-.214	-.519	340	501	-.208	.260	.484	-.929	340	551	-.077	.132	.445	-.509
340	432	-.365	.051	-.191	-.585	340	502	-.147	.085	.157	-.783	340	552	-.015	.074	.376	-.330
340	433	-.382	.060	-.140	-.667	340	503	-.256	.072	.081	-.489	340	553	-.114	.057	.135	-.295
340	434	-.357	.049	-.203	-.554	340	504	-.035	.144	.442	-.586	340	554	-.253	.045	-.034	-.447
340	435	-.356	.050	-.198	-.688	340	505	-.126	.081	.208	-.412	340	555	-.339	.048	-.185	-.502
340	436	-.354	.059	-.191	-.723	340	506	-.209	.061	.037	-.424	340	556	-.356	.050	-.213	-.545
340	437	-.354	.057	-.170	-.620	340	507	-.528	.120	.046	-.975	340	557	-.370	.047	-.236	-.602
340	438	-.398	.049	-.254	-.601	340	508	-.098	.189	.430	-.744	340	558	-.460	.085	-.279	-.857
340	439	-.375	.052	-.257	-.615	340	509	-.284	.128	.090	-.700	340	559	-.475	.083	-.240	-.884
340	440	-.377	.052	-.231	-.601	340	510	-.316	.111	.152	-.681	340	560	-.338	.141	.944	-.030
340	441	-.402	.051	-.261	-.594	340	511	-.204	.126	.655	-.276	340	561	-.368	.146	.885	-.037
340	442	-.411	.049	-.268	-.641	340	512	-.169	.129	.711	-.223	340	562	-.055	.151	.596	-.687
340	443	-.368	.046	-.229	-.566	340	513	-.413	.154	.266	-1.017	340	563	.119	.137	.619	-.534
340	444	-.413	.065	-.226	-.742	340	514	-.298	.190	.291	-.823	340	564	.163	.122	.699	-.247
340	445	-.406	.067	-.224	-.948	340	515	-.116	.075	.150	-.579	340	565	.043	.109	.472	-.295
340	446	-.421	.076	-.222	-.877	340	516	-.253	.058	-.044	-.450	340	566	-.070	.091	.264	-.421
340	447	-.403	.068	-.236	-.910	340	517	-.398	.081	-.042	-.776	340	567	-.411	.069	-.245	-.735
340	448	-.410	.066	-.226	-.807	340	518	-.173	.129	-.308	-.533	340	568	-.393	.058	-.222	-.630
340	449	-.417	.066	-.231	-.751	340	519	-.366	.071	-.054	-.630	340	569	-.393	.056	-.224	-.671
340	450	-.463	.078	-.261	-.859	340	520	-.167	.148	.481	-.607	340	570	-.392	.060	-.199	-.657
340	451	-.446	.076	-.240	-.753	340	521	-.347	.082	-.019	-.718	340	571	.057	.176	.779	-.632
340	452	-.444	.075	-.273	-.838	340	522	-.244	.119	.222	-.651	340	572	.060	.150	.541	-.641
340	453	-.402	.059	-.257	-.671	340	523	-.440	.151	.933	-.065	340	573	.008	.052	.316	-.156
340	454	-.398	.056	-.231	-.683	340	524	-.481	.167	1.090	-.012	340	574	.027	.048	.298	-.149
340	455	-.394	.057	-.172	-.692	340	525	-.248	.175	.657	-.765	340	575	.044	.054	.385	-.165
340	456	-.385	.055	-.226	-.634	340	526	-.255	.214	.489	-.921	340	576	.044	.060	.293	-.204
340	457	-.368	.055	-.210	-.575	340	527	-.035	.132	.391	-.792	340	577	.052	.072	.352	-.301
340	458	-.361	.052	-.172	-.571	340	528	-.174	.053	.020	-.429	340	578	.145	.073	.463	-.172
340	459	-.360	.055	-.151	-.634	340	529	-.198	.050	-.007	-.399	340	579	.181	.079	.557	-.014
340	460	-.355	.062	-.154	-.606	340	530	-.235	.046	-.017	-.408	340	580	.208	.092	.596	-.039
340	461	-.362	.061	-.184	-.573	340	531	-.290	.052	-.095	-.517	340	581	.184	.084	.573	-.032
340	462	-.352	.060	-.100	-.629	340	532	-.378	.077	-.149	-.686	340	582	.202	.088	.540	-.003
340	463	-.427	.061	-.264	-.709	340	533	-.360	.069	-.139	-.783	340	583	.154	.064	.422	-.032
340	464	-.387	.055	-.229	-.573	340	534	-.445	.158	.956	.018	340	584	.218	.094	.658	-.005
340	465	-.314	.061	-.004	-.552	340	535	-.487	.164	.972	.025	340	585	.241	.099	.731	-.021
340	466	-.439	.077	-.214	-.877	340	536	-.195	.187	.555	-1.265	340	586	-.259	.102	.772	-.041
340	467	-.329	.049	-.177	-.538	340	537	-.168	.220	.575	-.846	340	601	-.059	.035	.117	-.268

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	602	-.038	.039	.123	-.286	340	915	-.290	.053	-.126	-.514	340	1201	-.240	.073	.042	-.528
340	603	-.028	.039	.119	-.417	340	916	-.658	.130	-.280	-1.258	340	1202	-.410	.095	-.195	-.940
340	604	-.023	.047	.204	-.256	340	917	-.492	.138	-.221	-.962	340	1203	-.616	.171	-.188	-1.321
340	605	-.028	.052	.211	-.263	340	918	-.154	.095	-.599	-.131	340	1204	-.186	.072	.093	-.579
340	606	-.038	.056	.197	-.289	340	919	.097	.066	.390	-.068	340	1205	-.322	.229	.564	-1.521
340	607	-.034	.057	.205	-.379	340	920	.114	.067	.392	-.066	340	1206	.234	.144	.840	.441
340	608	-.048	.022	.033	-.149	340	921	.027	.067	.272	-.314	340	1207	.204	.138	.741	.436
340	609	-.032	.024	.070	-.114	340	922	.027	.047	.250	-.109	340	1208	.077	.166	.782	-.455
340	610	-.016	.023	.076	-.110	340	923	-.375	.058	-.169	-.598	340	1209	-.428	.184	.404	-1.123
340	611	-.007	.025	.088	-.112	340	924	-.420	.089	-.155	-.849	340	1210	-.243	.106	.026	-.781
340	612	-.014	.028	.090	-.124	340	925	.029	.047	.305	-.107	340	1211	-.363	.155	.194	-1.220
340	613	-.028	.029	.076	-.156	340	926	-.348	.097	-.066	-.832	340	1301	-.450	.073	-.252	-.772
340	614	-.027	.028	.072	-.183	340	927	-.404	.073	-.191	-.721	340	1302	-.361	.056	-.183	-.629
340	615	-.034	.028	.116	-.113	340	928	-.537	.108	-.215	-.931	340	1303	-.414	.067	-.243	-.779
340	616	-.022	.026	.116	-.105	340	929	-.457	.129	-.051	-.895	340	1304	-.784	.190	-.206	-1.471
340	617	-.001	.031	.166	-.083	340	930	-.700	.152	-.275	-1.181	340	1305	-.343	.053	-.158	-.581
340	618	-.003	.032	.209	-.090	340	931	-.424	.133	.076	-.940	340	1306	-.714	.210	-.199	-1.517
340	619	-.007	.032	.204	-.134	340	932	.091	.093	.549	-.145	340	1307	.302	.171	.941	-.326
340	620	-.016	.030	.107	-.131	340	933	.028	.062	.291	-.167	340	1308	-.209	.173	.794	-.252
340	621	-.013	.028	.117	-.122	340	934	.055	.066	.358	-.121	340	1309	-.453	.111	.005	-1.123
340	701	-.065	.032	.103	-.200	340	935	.011	.054	.257	-.222	340	1310	-.389	.108	-.110	-.974
340	702	-.072	.056	.394	-.170	340	936	.017	.048	.300	-.109	340	1311	-.486	.122	-.066	-.930
340	703	-.061	.046	.266	-.064	340	937	-.396	.110	-.073	-.866	340	1312	-.255	.064	.012	-.524
340	704	-.024	.048	.228	-.203	340	938	-.481	.118	-.174	-1.068	340	1313	-.237	.095	.219	-.618
340	705	-.021	.039	.158	-.155	340	939	-.007	.045	.211	-.143	340	1314	-.447	.075	-.259	-.926
340	707	-.051	.032	.071	-.160	340	940	-.293	.090	.064	-.772	350	101	-.190	.155	.719	-.621
340	708	-.136	.073	.477	-.043	340	941	-.384	.094	-.073	-.767	350	102	.399	.173	1.027	-.397
340	709	-.154	.077	.517	-.062	340	942	-.288	.093	.076	-.666	350	103	-.508	.175	1.122	-.221
340	710	-.128	.075	.438	-.050	340	943	-.344	.090	-.015	-.887	350	104	-.348	.126	.315	-.903
340	711	-.097	.073	.451	-.071	340	944	-.430	.069	-.239	-.796	350	105	-.376	.101	.027	-.825
340	712	-.035	.058	.305	-.118	340	945	-.303	.073	-.068	-.601	350	106	-.355	.085	-.081	-.736
340	713	-.022	.055	.298	-.114	340	946	-.339	.082	-.095	-.745	350	107	-.116	.126	.345	-.495
340	714	-.041	.038	.137	-.173	340	947	.048	.097	.480	-.185	350	108	-.049	.183	.537	-.533
340	801	-.265	.050	-.100	-.492	340	948	.037	.069	.341	-.210	350	109	-.251	.249	.687	-1.329
340	802	-.205	.055	-.017	-.436	340	949	.045	.058	.343	-.107	350	110	-.210	.336	.903	-1.200
340	803	-.339	.110	-.117	-.724	340	950	.009	.050	.202	-.227	350	111	-.013	.083	.320	-.289
340	901	-.422	.071	-.232	-.810	340	951	.005	.044	.251	-.129	350	112	.111	.104	.505	-.240
340	902	-.422	.088	-.109	-.767	340	1101	-.367	.070	-.188	-.770	350	113	.204	.125	.601	-.233
340	903	-.378	.093	.026	-.897	340	1102	-.373	.085	-.190	-.848	350	114	.286	.129	.704	-.128
340	904	-.583	.126	-.049	-1.217	340	1103	-.328	.068	-.160	-.698	350	115	.313	.148	.769	-.195
340	905	.368	.161	1.064	-.015	340	1104	-.401	.120	-.128	-1.087	350	116	.375	.153	.900	-.160
340	906	.129	.092	.563	-.150	340	1105	-.172	.163	.394	-.763	350	117	.247	.163	.736	-.359
340	907	.110	.064	.409	-.063	340	1106	-.382	.165	.099	-1.310	350	118	.300	.160	.877	-.343
340	908	.124	.068	.452	-.090	340	1107	-.027	.205	.571	-.701	350	119	.308	.141	.809	-.116
340	909	.035	.073	.368	-.507	340	1108	-.075	.113	.541	-.236	350	120	-.022	.071	.231	-.254
340	910	.023	.049	.276	-.136	340	1109	-.147	.157	.764	-.376	350	121	.161	.108	.592	-.186
340	911	-.409	.084	.007	-.856	340	1110	-.323	.214	.504	-1.043	350	122	.304	.137	.736	-.116
340	912	.035	.050	.267	-.107	340	1111	-.214	.084	.138	-.671	350	123	.400	.153	.931	-.032
340	913	-.375	.051	-.220	-.620	340	1112	-.384	.082	-.179	-.735	350	124	.483	.159	.949	-.106
340	914	-.159	.066	.052	-.531	340	1113	-.367	.118	.063	-.894	350	125	.453	.188	1.010	-.156

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	126	.351	.187	.966	-.416	350	176	.154	.089	.602	-.063	350	248	-.465	.117	-.131	-1.073
350	127	.439	.188	1.109	-.146	350	177	.157	.092	.588	-.167	350	249	-.462	.105	-.114	-.944
350	128	.357	.158	.875	-.144	350	178	.140	.087	.595	-.216	350	250	-.454	.091	-.122	-.932
350	129	-.073	.077	.242	-.324	350	201	-.366	.092	-.098	-.820	350	251	-.472	.083	-.226	-.844
350	130	.114	.102	.528	-.186	350	202	-.386	.101	-.045	-.896	350	252	-.469	.085	-.248	-.799
350	131	.279	.134	.889	-.109	350	203	-.425	.107	.012	-.810	350	253	-.464	.080	-.274	-.816
350	132	.432	.140	.889	.013	350	204	-.446	.130	.024	-.915	350	254	-.466	.084	-.207	-.949
350	133	.472	.160	1.029	-.006	350	205	-.617	.161	-.102	-.1235	350	255	-.467	.082	-.241	-1.042
350	134	.444	.183	.985	-.191	350	206	-.585	.133	-.152	-.137	350	256	-.450	.078	-.217	-.785
350	135	.379	.188	.889	-.216	350	207	-.378	.098	-.074	-.807	350	257	-.443	.075	-.191	-.792
350	136	.426	.186	1.031	-.329	350	208	-.379	.107	-.079	-.056	350	258	-.435	.074	-.234	-.703
350	137	.369	.154	.912	-.128	350	209	-.390	.110	-.047	-.992	350	259	-.474	.088	-.172	-.856
350	138	-.151	.081	.156	-.467	350	210	-.391	.097	-.033	-.894	350	260	-.473	.082	-.238	-.911
350	139	.013	.099	.507	-.275	350	211	-.404	.091	-.175	-.932	350	261	-.464	.080	-.260	-.899
350	140	.172	.125	.615	-.142	350	212	-.386	.094	-.067	-.841	350	262	-.313	.088	-.019	-.742
350	141	.300	.156	.811	-.067	350	213	-.447	.143	.079	-.1136	350	263	-.310	.077	-.040	-.608
350	142	.324	.178	.814	-.090	350	214	-.466	.156	.088	-.1189	350	264	-.364	.095	-.040	-.737
350	143	.330	.177	1.029	-.109	350	215	-.343	.122	.065	-.1034	350	265	-.459	.100	-.074	-.842
350	144	.283	.172	.914	-.270	350	216	-.342	.110	.068	-.1232	350	266	-.539	.111	-.226	-1.073
350	145	.317	.182	.964	-.261	350	217	-.354	.110	.027	-.898	350	267	-.577	.118	-.293	-1.152
350	146	.233	.140	.729	-.275	350	218	-.371	.100	-.002	-.1208	350	268	-.564	.113	-.298	-1.350
350	147	-.257	.081	.200	-.612	350	219	-.394	.092	-.055	-.918	350	269	-.552	.102	-.253	-1.061
350	148	.075	.089	.285	-.320	350	220	-.369	.091	-.036	-.1157	350	270	-.558	.104	-.265	-.994
350	149	.062	.101	.446	-.232	350	221	-.358	.080	-.141	-.937	350	271	-.174	.047	.005	-.386
350	150	.120	.098	.512	-.105	350	222	-.379	.090	-.038	-.999	350	272	-.186	.049	.002	-.408
350	151	.187	.117	.666	-.152	350	223	-.348	.067	-.151	-.810	350	273	-.211	.062	.007	-.472
350	152	.152	.125	.699	-.275	350	224	-.331	.061	-.131	-.580	350	274	-.266	.080	-.029	-.608
350	153	.165	.136	.780	-.211	350	225	-.326	.062	-.131	-.707	350	275	-.338	.102	-.007	-.661
350	154	.297	.149	.867	-.076	350	226	-.367	.107	-.038	-.1002	350	276	-.453	.116	-.031	-.885
350	155	.220	.122	.796	-.074	350	227	-.343	.089	-.007	-.822	350	277	-.646	.146	-.203	-1.395
350	156	.125	.150	.803	-.495	350	228	-.343	.074	-.044	-.908	350	278	-.736	.201	-.300	-1.893
350	157	.110	.158	.709	-.547	350	229	-.371	.075	-.050	-.812	350	279	-.673	.160	-.265	-1.839
350	158	.032	.156	.666	-.814	350	230	-.386	.074	-.170	-.843	350	280	-.072	.038	.055	-.331
350	159	.137	.152	.744	-.355	350	231	-.363	.065	-.146	-.676	350	281	-.073	.034	.038	-.250
350	160	.193	.116	.782	-.209	350	232	-.359	.073	-.175	-.975	350	282	-.091	.031	.022	-.207
350	161	.170	.103	.645	-.034	350	233	-.372	.066	-.175	-.640	350	283	-.105	.035	.007	-.289
350	162	.329	.087	-.064	-.838	350	234	-.348	.049	-.170	-.577	350	284	-.101	.035	.016	-.302
350	163	.168	.062	.158	-.388	350	235	-.343	.055	-.153	-.572	350	285	-.541	.121	-.221	-1.152
350	164	.011	.059	.271	-.190	350	236	-.334	.056	-.153	-.549	350	286	-.270	.085	-.035	-.670
350	165	.069	.066	.371	-.095	350	237	-.415	.089	-.127	-.863	350	287	-.199	.095	.032	-.828
350	166	.105	.064	.385	-.079	350	238	-.396	.086	-.110	-.827	350	288	-.064	.037	.053	-.262
350	167	.102	.068	.392	-.128	350	239	-.386	.071	-.143	-.663	350	289	-.054	.034	.062	-.239
350	168	.085	.066	.380	-.131	350	240	-.412	.078	-.200	-.799	350	290	-.067	.030	.041	-.214
350	169	.075	.071	.342	-.237	350	241	-.413	.070	-.224	-.806	350	291	-.082	.027	.016	-.195
350	170	.166	.086	.574	-.027	350	242	-.398	.066	-.191	-.737	350	292	-.080	.028	.018	-.195
350	171	.402	.126	-.070	-.971	350	243	-.405	.068	-.212	-.680	350	293	-.161	.054	-.048	-.401
350	172	.027	.078	.328	-.230	350	244	-.392	.069	-.181	-.734	350	294	-.159	.041	-.007	-.341
350	173	.100	.099	.518	-.142	350	245	-.383	.059	-.200	-.618	350	295	-.128	.053	.115	-.292
350	174	.161	.108	.678	-.063	350	246	-.372	.056	-.179	-.639	350	296	-.156	.049	.041	-.313
350	175	.171	.096	.623	-.063	350	247	-.365	.057	-.184	-.570	350	297	-.116	.093	.398	-.387

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	298	-329	.095	.127	-.672	350	443	-.357	.049	-.213	-.576	350	513	-.588	.158	-.089	-1.332
350	299	-184	.069	.243	-.457	350	444	-.371	.063	-.199	-.715	350	514	-.554	.153	-.023	-1.078
350	300	-141	.052	.226	-.336	350	445	-.377	.067	-.171	-.733	350	515	-.285	.130	-.018	-.886
350	301	-043	.045	.273	-.156	350	446	-.365	.062	-.206	-.700	350	516	-.313	.064	-.120	-.610
350	302	-034	.047	.213	-.142	350	447	-.341	.054	-.173	-.592	350	517	-.404	.089	-.094	-.828
350	303	-043	.045	.236	-.165	350	448	-.355	.060	-.164	-.576	350	518	-.284	.078	-.095	-.589
350	304	-066	.032	.060	-.225	350	449	-.371	.070	-.159	-.684	350	519	-.340	.071	-.099	-.608
350	305	-065	.032	.115	-.191	350	450	-.418	.078	-.227	-.759	350	520	-.228	.107	-.292	-.547
350	401	-358	.080	-.145	-.698	350	451	-.404	.077	-.211	-.849	350	521	-.315	.076	-.024	-.636
350	402	-360	.079	-.135	-.696	350	452	-.380	.066	-.197	-.698	350	522	-.216	.100	-.189	-.629
350	403	-377	.085	-.169	-.835	350	453	-.385	.059	-.234	-.651	350	523	-.335	.151	-.829	-.106
350	404	-452	.125	-.079	-.913	350	454	-.403	.059	-.256	-.684	350	524	-.395	.165	-.960	-.176
350	405	-377	.095	-.135	-.774	350	455	-.350	.053	-.171	-.571	350	525	-.523	.148	-.158	-1.206
350	406	-367	.080	-.163	-.733	350	456	-.334	.052	-.183	-.526	350	526	-.532	.160	-.139	-1.164
350	407	-363	.078	-.158	-.658	350	457	-.317	.048	-.181	-.503	350	527	-.266	.211	-.231	-.968
350	408	-347	.096	-.096	-.867	350	458	-.294	.048	-.152	-.491	350	528	-.227	.060	-.026	-.573
350	409	-485	.118	-.121	-.922	350	459	-.281	.051	-.119	-.482	350	529	-.218	.049	-.038	-.498
350	410	-410	.086	-.164	-.820	350	460	-.271	.060	-.096	-.569	350	530	-.234	.048	-.047	-.412
350	411	-419	.101	-.100	-.783	350	461	-.277	.063	-.100	-.606	350	531	-.271	.053	-.078	-.456
350	412	-353	.075	-.124	-.656	350	462	-.327	.053	-.107	-.552	350	532	-.335	.079	-.082	-.676
350	413	-369	.109	-.036	-.873	350	463	-.403	.060	-.237	-.693	350	533	-.326	.066	-.087	-.629
350	414	-317	.081	-.022	-.660	350	464	-.348	.050	-.176	-.559	350	534	-.325	.159	-.969	-.157
350	415	-294	.089	-.037	-.729	350	465	-.291	.054	-.066	-.505	350	535	-.373	.169	-.904	-.120
350	416	-253	.071	-.012	-.786	350	466	-.382	.071	-.145	-.717	350	536	-.492	.161	-.098	-1.173
350	417	-255	.072	-.003	-.575	350	467	-.274	.044	-.140	-.514	350	537	-.506	.171	-.202	-1.119
350	418	-256	.081	-.016	-.816	350	468	-.236	.043	-.074	-.465	350	538	-.261	.245	-.280	-.980
350	419	-274	.081	-.042	-.731	350	469	-.218	.044	-.067	-.437	350	539	-.083	.103	-.226	-.652
350	420	-293	.057	-.100	-.526	350	470	-.196	.046	-.032	-.413	350	540	-.131	.047	-.067	-.398
350	421	-296	.060	-.114	-.554	350	471	-.183	.044	-.017	-.374	350	541	-.220	.032	-.066	-.337
350	422	-293	.063	-.086	-.665	350	472	-.173	.048	-.003	-.381	350	542	-.270	.040	-.145	-.494
350	423	-317	.068	-.128	-.570	350	473	-.222	.048	-.052	-.404	350	543	-.316	.055	-.129	-.529
350	424	-303	.067	-.053	-.554	350	474	-.235	.039	-.121	-.429	350	544	-.331	.056	-.150	-.554
350	425	-258	.056	-.051	-.498	350	475	-.217	.041	-.068	-.387	350	545	-.354	.058	-.213	-.715
350	426	-245	.051	-.081	-.503	350	476	-.198	.049	-.046	-.390	350	546	-.362	.058	-.185	-.610
350	427	-264	.057	-.051	-.587	350	477	-.183	.049	-.010	-.408	350	547	-.265	.146	-.869	-.087
350	428	-279	.064	-.051	-.623	350	478	-.157	.044	-.016	-.399	350	548	-.308	.152	-.828	-.085
350	429	-296	.046	-.119	-.463	350	479	-.152	.052	-.055	-.452	350	549	-.424	.188	-.310	-1.389
350	430	-301	.049	-.119	-.557	350	480	-.155	.056	-.097	-.519	350	550	-.387	.228	-.347	-1.248
350	431	-320	.046	-.157	-.503	350	501	-.658	.235	-.093	-1.529	350	551	-.138	.175	-.372	-.922
350	432	-303	.049	-.154	-.493	350	502	-.341	.183	-.001	-1.176	350	552	-.108	.077	-.139	-.596
350	433	-324	.056	-.169	-.537	350	503	-.322	.061	-.127	-.557	350	553	-.193	.053	-.011	-.436
350	434	-308	.051	-.169	-.531	350	504	-.234	.115	-.315	-.594	350	554	-.289	.044	-.159	-.457
350	435	-304	.048	-.143	-.573	350	505	-.204	.067	-.111	-.460	350	555	-.357	.047	-.198	-.566
350	436	-316	.047	-.171	-.540	350	506	-.259	.063	-.001	-.515	350	556	-.361	.049	-.203	-.540
350	437	-329	.052	-.152	-.562	350	507	-.353	.125	-.108	-.935	350	557	-.372	.054	-.226	-.600
350	438	-342	.053	-.183	-.609	350	508	-.364	.145	-.149	-.830	350	558	-.460	.093	-.245	-.845
350	439	-313	.052	-.147	-.580	350	509	-.202	.094	-.070	-.589	350	559	-.461	.093	-.235	-.873
350	440	-308	.051	-.154	-.507	350	510	-.287	.075	-.021	-.638	350	560	-.244	.142	-.999	-.242
350	441	-385	.058	-.197	-.698	350	511	-.117	.112	-.528	-.379	350	561	-.293	.141	-.832	-.055
350	442	-392	.059	-.216	-.651	350	512	-.194	.147	-.778	-.229	350	562	-.082	.244	-.500	-1.883

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	563	-.004	.155	.627	-.792	350	707	-.044	.033	.111	-.179	350	940	-.280	.096	.174	-.765
350	564	-.042	.111	.497	-.441	350	708	.120	.062	.493	-.059	350	941	-.340	.080	-.092	-.715
350	565	-.122	.124	.412	-.647	350	709	.143	.066	.471	-.028	350	942	-.298	.101	.122	-.651
350	566	-.200	.092	.100	-.624	350	710	.125	.069	.445	-.052	350	943	-.362	.101	.103	-.945
350	567	-.372	.059	-.168	-.637	350	711	.108	.076	.507	-.059	350	944	-.465	.086	-.236	-.879
350	568	-.380	.059	-.221	-.619	350	712	.052	.067	.400	-.106	350	945	-.378	.087	-.087	-.803
350	569	-.387	.059	-.212	-.621	350	713	.028	.059	.301	-.106	350	946	-.334	.077	-.068	-.734
350	570	-.377	.061	-.201	-.626	350	714	-.038	.042	.227	-.163	350	947	-.054	.102	.549	-.175
350	571	-.024	.197	.592	-.993	350	801	-.235	.043	-.103	-.393	350	948	.032	.073	.382	-.175
350	572	-.061	.211	.465	-1.003	350	802	-.169	.055	-.041	-.362	350	949	.034	.059	.279	-.103
350	573	.023	.050	.398	-.173	350	803	-.329	.096	-.077	-.759	350	950	.031	.050	.264	-.167
350	574	.041	.048	.271	-.138	350	901	-.422	.076	-.224	-.879	350	951	.014	.048	.235	-.115
350	575	.049	.049	.278	-.097	350	902	-.370	.091	-.077	-.836	350	1101	-.383	.080	-.151	-.800
350	576	.056	.056	.303	-.404	350	903	-.396	.103	-.020	-.734	350	1102	-.372	.090	-.188	-1.060
350	577	.046	.069	.268	-.258	350	904	-.576	.100	-.210	-1.038	350	1103	-.341	.072	-.162	-.703
350	578	.114	.073	.393	-.268	350	905	.311	.148	.935	-.127	350	1104	-.422	.129	-.123	-1.004
350	579	.156	.073	.465	-.138	350	906	.149	.090	.534	-.139	350	1105	-.149	.158	.531	-.682
350	580	.181	.090	.523	-.023	350	907	.092	.055	.309	-.068	350	1106	-.355	.158	.149	-1.245
350	581	.135	.069	.496	-.011	350	908	.112	.062	.350	-.047	350	1107	-.005	.209	.684	-.812
350	582	.139	.075	.449	-.029	350	909	.058	.061	.340	-.213	350	1108	.118	.130	.652	-.339
350	583	.148	.074	.470	-.069	350	910	.046	.057	.352	-.300	350	1109	.147	.155	.701	-.290
350	584	.169	.081	.629	-.027	350	911	-.346	.081	-.023	-.675	350	1110	-.442	.193	.415	-1.062
350	585	.197	.090	.784	-.009	350	912	-.048	.051	-.271	-.134	350	1111	-.262	.086	-.007	-.772
350	586	.201	.089	.701	-.023	350	913	-.360	.055	-.186	-.559	350	1112	-.393	.083	-.174	-.786
350	601	-.049	.035	.072	-.196	350	914	-.165	.050	-.015	-.433	350	1113	-.425	.129	-.090	-1.000
350	602	-.024	.041	.167	-.298	350	915	-.303	.054	-.137	-.554	350	1201	-.306	.078	-.023	-.707
350	603	-.016	.044	.155	-.293	350	916	-.707	.151	-.227	-1.171	350	1202	-.404	.093	-.195	-1.197
350	604	-.011	.049	.201	-.293	350	917	-.466	.133	-.079	-1.066	350	1203	-.569	.174	-.160	-1.389
350	605	-.017	.059	.227	-.330	350	918	.200	.103	.646	-.113	350	1204	-.300	.100	-.007	-.844
350	606	-.006	.071	.384	-.356	350	919	.095	.065	.364	-.108	350	1205	-.487	.190	.200	-1.438
350	607	-.010	.069	.425	-.292	350	920	.115	.069	.395	-.111	350	1206	.156	.160	.881	-.573
350	608	-.044	.024	.049	-.125	350	921	.057	.065	.376	-.234	350	1207	.143	.126	.805	-.243
350	609	-.025	.026	.070	-.114	350	922	.055	.057	.482	-.096	350	1208	.020	.144	.619	-.445
350	610	-.008	.026	.123	-.144	350	923	-.318	.050	-.139	-.523	350	1209	-.482	.168	.412	-1.382
350	611	-.001	.025	.095	-.097	350	924	-.379	.087	-.118	-.822	350	1210	-.331	.121	-.032	-1.041
350	612	-.005	.026	.130	-.123	350	925	-.045	.051	-.259	-.111	350	1211	-.509	.166	.035	-1.347
350	613	-.019	.031	.111	-.148	350	926	-.329	.103	-.011	-.896	350	1301	-.438	.071	-.241	-.795
350	614	-.022	.034	.123	-.239	350	927	-.382	.078	-.163	-.782	350	1302	-.362	.063	-.185	-.668
350	615	-.028	.026	.107	-.112	350	928	-.418	.101	-.101	-.796	350	1303	-.396	.063	-.148	-.663
350	616	-.011	.027	.102	-.087	350	929	-.399	.115	-.066	-.953	350	1304	-.687	.206	-.130	-1.575
350	617	-.005	.026	.119	-.067	350	930	-.677	.150	-.269	-1.251	350	1305	-.328	.057	-.176	-.608
350	618	.012	.028	.145	-.082	350	931	-.313	.121	-.060	-.919	350	1306	-.573	.224	-.167	-1.526
350	619	.020	.038	.242	-.123	350	932	.137	.111	.646	-.092	350	1307	.171	.183	.891	-.390
350	620	-.001	.030	.152	-.133	350	933	.039	.067	.368	-.201	350	1308	.039	.170	.721	-.559
350	621	-.004	.027	.128	-.133	350	934	.070	.071	.397	-.094	350	1309	-.486	.135	-.014	-1.314
350	701	-.060	.033	.060	-.207	350	935	.036	.059	.321	-.291	350	1310	-.378	.084	-.144	-.728
350	702	.061	.049	.256	-.145	350	936	.035	.055	.300	-.144	350	1311	-.485	.121	-.116	-1.016
350	703	.070	.048	.295	-.075	350	937	-.367	.106	-.053	-.798	350	1312	-.289	.060	-.058	-.547
350	704	.040	.051	.271	-.167	350	938	.400	.098	-.068	-.853	350	1313	-.277	.081	-.051	-.628
350	705	.003	.046	.239	-.188	350	939	.025	.049	.269	-.130	350	1314	-.432	.072	-.257	-.735

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	111	.044	.103	.382	-.319	12	226	-.223	.115	.156	-.865	24	271	-.114	.033	.008	-.289
0	121	-.238	.122	.777	-.138	12	227	-.217	.116	.161	-.726	24	278	-.364	.183	.133	-1.675
0	226	-.339	.137	.086	-1.087	12	271	-.129	.042	.048	-.327	24	419	-.157	.042	-.005	-.352
0	227	-.325	.119	.054	-.966	12	278	-.717	.231	-.104	-1.920	24	562	-.098	.193	.441	-1.463
0	271	-.148	.045	.049	-.316	12	419	-.197	.081	.056	-.624	26	111	-.255	.140	.758	-.170
0	278	-.736	.194	-.179	-1.680	12	562	-.255	.303	.469	-1.647	26	121	-.433	.155	.968	-.082
0	419	-.246	.092	.068	-.740	14	111	-.117	.122	.567	-.291	26	226	-.153	.033	-.031	-.353
0	562	-.329	.295	.392	-1.778	14	121	-.321	.144	.942	-.084	26	227	-.129	.039	.024	-.386
2	111	.053	.107	.464	-.314	14	226	-.195	.096	.109	-.949	26	271	-.112	.033	.029	-.254
2	121	.244	.123	.633	-.126	14	227	-.193	.097	.096	-.910	26	278	-.317	.154	.090	-1.097
2	226	-.328	.145	.085	-1.020	14	271	-.122	.041	.038	-.390	26	419	-.156	.040	-.010	-.324
2	227	-.307	.131	.128	-.985	14	278	-.682	.227	-.042	-1.745	26	562	-.087	.174	.370	-1.477
2	271	-.142	.043	.018	-.366	14	419	-.181	.071	.044	-.635	28	111	-.274	.149	.806	-.285
2	278	-.736	.215	-.161	-1.772	14	562	-.190	.277	.499	-1.582	28	121	-.440	.152	.033	-.000
2	419	-.238	.093	.078	-.700	16	111	-.136	.126	.616	-.251	28	226	-.149	.030	-.051	-.291
2	562	-.342	.298	.371	-1.761	16	121	-.338	.143	1.006	-.092	28	227	-.123	.034	-.029	-.344
4	111	.054	.110	.505	-.383	16	226	-.187	.082	.201	-.859	28	271	-.105	.033	-.002	-.279
4	121	-.252	.130	.686	-.145	16	227	-.174	.082	.140	-.614	28	278	-.252	.144	.133	-1.083
4	226	-.292	.142	.091	-1.022	16	271	-.121	.041	.046	-.324	28	419	-.155	.039	-.003	-.312
4	227	-.292	.125	.188	-.911	16	278	-.624	.220	-.083	-1.793	28	562	-.119	.180	.405	-1.464
4	271	-.134	.042	.061	-.332	16	419	-.172	.067	.056	-.604	30	111	-.303	.144	.791	-1.143
4	278	-.728	.212	-.102	-2.203	16	562	-.173	.272	.544	-1.481	30	121	-.444	.162	.923	-.053
4	419	-.220	.087	.042	-.786	18	111	-.152	.134	.724	-.250	30	226	-.148	.030	-.018	-.315
4	562	-.306	.289	.402	-2.313	18	121	-.353	.146	.917	-.094	30	227	-.121	.032	.007	-.509
6	111	.065	.112	.423	-.357	18	226	-.165	.063	.108	-.733	30	271	-.104	.032	.053	-.243
6	121	.285	.127	.789	-.096	18	227	-.160	.073	.217	-.571	30	278	-.187	.114	.121	-.799
6	226	-.291	.145	.167	-.944	18	271	-.118	.038	.033	-.290	30	419	-.158	.041	.022	-.301
6	227	-.282	.132	.155	-.952	18	278	-.599	.217	.012	-1.579	30	562	-.094	.154	.320	-1.034
6	271	-.132	.042	.011	-.342	18	419	-.156	.055	.023	-.602	80	111	-.538	.231	.025	-1.991
6	278	-.736	.230	-.117	-2.382	18	562	-.137	.251	.424	-1.502	80	121	-.504	.204	.249	-1.511
6	419	-.224	.091	.150	-.651	20	111	-.172	.135	.729	-.369	80	226	.007	.072	.312	-.228
6	562	-.315	.327	.617	-2.038	20	121	-.379	.150	.942	-.058	80	227	.135	.094	.526	-.247
8	111	.078	.117	.499	-.343	20	226	-.159	.051	.052	-.565	80	271	-.141	.051	.041	-.398
8	121	-.278	.134	.800	-.178	20	227	-.148	.061	.091	-.520	80	278	-.087	.068	.452	-.084
8	226	-.266	.138	.247	-1.208	20	271	-.117	.037	.011	-.303	80	419	-.206	.057	-.012	-.466
8	227	-.249	.120	.151	-.730	20	278	-.536	.221	.008	-1.727	80	562	-.277	.072	-.049	-.562
8	271	-.130	.044	.026	-.393	20	419	-.156	.049	-.003	-.472	82	111	-.496	.235	.131	-2.413
8	278	-.717	.223	-.129	-1.806	20	562	-.125	.233	.422	-1.307	82	121	-.442	.191	.350	-1.370
8	419	-.216	.089	.101	-.664	22	111	-.207	.132	.722	-.220	82	226	.027	.081	.302	-.351
8	562	-.296	.297	.369	-1.560	22	121	-.415	.145	.862	-.038	82	227	.150	.109	.589	-.230
10	111	.083	.116	.562	-.301	22	226	-.157	.042	.026	-.604	82	271	-.162	.055	-.008	-.462
10	121	.318	.139	.792	-.062	22	227	-.139	.048	.049	-.426	82	278	-.125	.084	.549	-.114
10	226	-.257	.134	.100	-1.207	22	271	-.117	.035	-.004	-.325	82	419	-.200	.059	-.010	-.719
10	227	-.252	.122	.204	-.880	22	278	-.434	.208	.074	-1.440	82	562	-.246	.068	-.056	-.703
10	271	-.132	.044	.046	-.354	22	419	-.157	.043	-.011	-.442	84	111	-.545	.260	-.025	-2.094
10	278	-.768	.227	-.136	-2.077	22	562	-.110	.216	.576	-1.640	84	121	-.470	.186	.222	-1.308
10	419	-.220	.094	.063	-.875	24	111	-.228	.139	.703	-.202	84	226	.042	.087	.382	-.228
10	562	-.275	.325	.446	-1.864	24	121	-.399	.151	.898	-.121	84	227	.156	.109	.717	-.157
12	111	.110	.118	.488	-.265	24	226	-.156	.037	-.007	-.342	84	271	-.159	.058	.043	-.482
12	121	.320	.137	.759	-.064	24	227	-.132	.044	.063	-.505	84	278	.110	.081	.453	-.126

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
84	419	-200	.057	.017	-315	98	111	-457	.192	-.071	-2.323	118	226	.181	.194	.823	-.390
84	562	-.248	.066	-.058	-.552	98	121	-.432	.164	-.051	-1.157	118	227	.271	.206	.906	-.253
86	111	-.557	.235	-.073	-2.180	98	226	-.106	.106	.492	-.259	118	271	.011	.063	.437	-.352
86	121	-.522	.187	.175	-1.478	98	227	-.249	.135	.714	-.199	118	278	-.068	.046	.267	-.325
86	226	.051	.094	.443	-.286	98	271	-.164	.068	.047	-.535	118	419	-.394	.220	.285	-2.149
86	227	.179	.116	.591	-.160	98	278	-.033	.060	.337	-.183	118	562	-.202	.052	-.056	-.459
86	271	-.160	.055	.041	-.394	98	419	-.278	.110	-.015	-1.167	120	111	-.240	.094	.002	-1.012
86	278	-.090	.078	.456	-.199	98	562	-.239	.091	-.024	-.810	120	121	-.226	.084	-.005	-.736
86	419	-.199	.060	-.006	-.562	100	111	-.403	.168	-.024	-1.584	120	226	.218	.208	1.148	-.443
86	562	-.252	.066	-.073	-.558	100	121	-.411	.161	.024	-1.019	120	227	.265	.202	.971	-.278
88	111	-.599	.245	-.096	-2.521	100	226	-.109	.112	.578	-.347	120	271	-.006	.063	.347	-.512
88	121	-.544	.186	.012	-1.467	100	227	-.270	.139	.786	-.211	120	278	-.073	.047	.304	-.324
88	226	.073	.092	.451	-.343	100	271	-.169	.074	.064	-.517	120	419	-.361	.238	.329	-1.990
88	227	.196	.120	.642	-.123	100	278	-.031	.062	.478	-.202	120	562	-.203	.051	-.057	-.503
88	271	-.161	.058	.029	-.454	100	419	-.309	.115	-.027	-1.033	122	111	-.307	.069	-.095	-.700
88	278	-.076	.077	.412	-.160	100	562	-.268	.101	-.022	-.963	122	121	-.293	.066	-.086	-.578
88	419	-.201	.063	-.003	-.728	110	111	-.263	.104	.045	-.897	122	226	.309	.152	.839	-.169
88	562	-.253	.070	-.073	-.973	110	121	-.244	.102	.018	-.933	122	227	.443	.163	.958	-.100
90	111	-.636	.264	-.049	-2.266	110	226	-.058	.145	.677	-.444	122	271	-.054	.089	.459	-.254
90	121	-.570	.186	.034	-1.630	110	227	.197	.148	.796	-.213	122	278	-.050	.056	.147	-.306
90	226	.079	.095	.389	-.356	110	271	-.075	.064	.120	-.496	122	419	-.712	.319	.471	-2.692
90	227	.232	.120	.715	-.133	110	278	-.014	.056	.266	-.224	122	562	-.307	.067	-.087	-.547
90	271	-.166	.062	.087	-.566	110	419	-.553	.247	-.052	-2.335	124	111	-.314	.071	-.008	-.684
90	278	-.063	.072	.451	-.169	110	562	-.199	.076	-.009	-.735	124	121	-.300	.064	-.072	-1.086
90	419	-.213	.069	.022	-.774	112	111	-.269	.130	.014	-1.419	124	226	.327	.156	.863	-.187
90	562	-.263	.070	-.060	-.649	112	121	-.263	.126	.093	-1.142	124	227	.472	.155	.969	-.022
92	111	-.531	.256	-.050	-2.235	112	226	.175	.191	.937	-.504	124	271	.075	.094	.537	-.226
92	121	-.488	.176	.005	-1.416	112	227	.263	.205	.925	-.293	124	278	-.049	.056	.213	-.296
92	226	.087	.108	.554	-.236	112	271	-.003	.061	.297	-.263	124	419	-.663	.299	.310	-2.131
92	227	.208	.138	.912	-.163	112	278	-.057	.042	.167	-.314	124	562	-.317	.061	-.137	-.557
92	271	-.156	.056	.074	-.432	112	419	-.517	.239	.081	-2.098	126	111	-.313	.070	-.118	-.675
92	278	-.053	.061	.321	-.226	112	562	-.174	.048	-.036	-.418	126	121	-.301	.066	-.093	-.623
92	419	-.211	.082	-.089	-1.012	114	111	-.264	.124	.082	-1.318	126	226	.366	.162	.900	-.210
92	562	-.208	.061	-.044	-.704	114	121	-.255	.113	.026	-.977	126	227	.473	.166	.984	-.130
94	111	-.562	.262	-.027	-2.761	114	226	.181	.189	.836	-.471	126	271	.091	.095	.563	-.203
94	121	-.514	.187	.053	-1.531	114	227	.273	.204	1.047	-.239	126	278	-.055	.056	.196	-.329
94	226	.087	.108	.548	-.281	114	271	.016	.065	.442	-.243	126	419	-.547	.291	.495	-1.821
94	227	.218	.128	.670	-.163	114	278	-.067	.040	.257	-.259	126	562	-.319	.063	-.153	-.600
94	271	-.158	.062	.038	-.472	114	419	-.457	.228	.183	-2.287	128	111	-.314	.068	-.106	-.679
94	278	-.036	.054	.329	-.141	114	562	-.184	.056	-.036	-.451	128	121	-.299	.059	-.063	-.599
94	419	-.224	.083	.023	-.745	116	111	-.246	.105	.039	-.832	128	226	.396	.166	.948	-.189
94	562	-.220	.067	.030	-.535	116	121	-.237	.102	.017	-1.142	128	227	.484	.159	.964	-.034
96	111	-.496	.219	-.018	-2.789	116	226	.194	.191	.838	-.529	128	271	.102	.098	.529	-.180
96	121	-.447	.179	.010	-1.325	116	227	.252	.195	.909	-.242	128	278	-.063	.054	.183	-.258
96	226	.108	.113	.609	-.329	116	271	.013	.062	.416	-.352	128	419	-.448	.301	.488	-2.336
96	227	.230	.141	.801	-.213	116	278	-.070	.043	.171	-.241	128	562	-.319	.055	-.156	-.525
96	271	-.162	.067	.011	-.665	116	419	-.420	.209	.347	-2.021	130	111	-.313	.067	-.078	-.591
96	278	-.037	.058	.375	-.202	116	562	-.188	.054	-.030	-.510	130	121	-.295	.064	-.103	-.733
96	419	-.245	.087	-.009	-.810	118	111	-.250	.105	.025	-1.134	130	226	.427	.171	.948	-.274
96	562	-.216	.076	-.016	-.769	118	121	-.237	.100	.094	-.856	130	227	.463	.178	1.039	-.150

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	271	.112	.102	.589	-.188	170	419	.292	.203	-.905	-.385	184	111	-.260	.055	-.090	-.561
130	278	-.070	.053	.234	-.261	170	562	-.253	.034	-.110	-.387	184	121	-.263	.050	-.120	-.488
130	419	-.348	.283	.599	-.1415	172	111	-.280	.042	-.151	-.466	184	226	-.640	.153	-.221	-.1266
130	562	-.310	.061	-.133	-.543	172	121	-.274	.037	-.171	-.446	184	227	-.666	.158	-.297	-.1320
160	111	-.279	.043	-.149	-.429	172	226	-.604	.226	-.099	-.2131	184	271	-.540	.177	-.034	-.1347
160	121	-.287	.044	-.149	-.484	172	227	-.579	.226	-.384	-.1828	184	278	-.183	.033	-.038	-.318
160	226	-.145	.233	.626	-.1140	172	271	-.347	.152	-.000	-.1252	184	419	-.126	.147	-.704	-.384
160	227	-.088	.277	.648	-.1198	172	278	-.191	.032	-.044	-.329	184	562	-.239	.033	-.138	-.393
160	271	-.145	.109	.174	-.928	172	419	-.299	.185	1.002	-.325	186	111	-.266	.058	-.076	-.547
160	278	-.164	.033	-.053	-.316	172	562	-.273	.037	-.157	-.439	186	121	-.266	.053	-.060	-.524
160	419	.406	.157	.881	-.025	174	111	-.272	.044	-.118	-.489	186	226	-.607	.139	-.231	-.1282
160	562	-.302	.048	-.170	-.499	174	121	-.268	.035	-.157	-.422	186	227	-.651	.152	-.260	-.1424
162	111	-.290	.044	-.162	-.456	174	226	-.668	.216	-.014	-.1568	186	271	-.568	.180	-.103	-.1525
162	121	-.284	.039	-.176	-.463	174	227	-.655	.233	-.234	-.1826	186	278	-.182	.034	-.054	-.329
162	226	-.209	.196	.559	-.1147	174	271	-.400	.165	-.002	-.1215	186	419	-.106	.141	-.629	-.355
162	227	-.163	.268	.585	-.1104	174	278	-.192	.033	-.065	-.348	186	562	-.233	.032	-.126	-.344
162	271	-.167	.113	-.246	-.722	174	419	-.247	.169	-.762	-.348	188	111	-.262	.063	-.052	-.554
162	278	-.175	.029	-.064	-.310	174	562	-.265	.034	-.150	-.385	188	121	-.257	.054	-.108	-.509
162	419	.409	.157	1.027	-.123	176	111	-.263	.043	-.135	-.422	188	226	-.585	.135	-.237	-.1204
162	562	-.294	.043	-.175	-.486	176	121	-.265	.039	-.144	-.422	188	227	-.585	.135	-.227	-.1416
164	111	-.281	.042	-.161	-.439	176	226	-.687	.232	-.012	-.2419	188	271	-.588	.182	-.072	-.1852
164	121	-.293	.040	-.154	-.453	176	227	-.673	.235	-.157	-.2018	188	278	-.173	.036	-.031	-.359
164	226	-.302	.188	.572	-.961	176	271	-.416	.171	-.030	-.1194	188	419	-.103	.135	-.604	-.424
164	227	-.285	.245	.592	-.1024	176	278	-.188	.036	-.023	-.454	188	562	-.222	.032	-.125	-.364
164	271	-.193	.113	.176	-.899	176	419	-.216	.170	.779	-.309	190	111	-.266	.067	-.070	-.607
164	278	-.179	.032	-.052	-.335	176	562	-.252	.036	-.125	-.411	190	121	-.265	.061	-.093	-.728
164	419	.386	.159	.888	-.240	178	111	-.259	.043	-.125	-.468	190	226	-.555	.127	-.212	-.1554
164	562	-.306	.043	-.165	-.481	178	121	-.269	.042	-.132	-.593	190	227	-.565	.126	-.168	-.1399
166	111	-.272	.042	-.132	-.434	178	226	-.704	.218	-.181	-.1955	190	271	-.586	.180	-.052	-.1433
166	121	-.283	.042	-.157	-.424	178	227	-.748	.242	-.032	-.1945	190	278	-.175	.038	.008	-.374
166	226	-.370	.177	.541	-.1225	178	271	-.414	.152	-.014	-.1179	190	419	-.086	.137	-.607	-.486
166	227	-.350	.220	.447	-.1339	178	278	-.190	.037	-.042	-.379	190	562	-.223	.035	-.092	-.372
166	271	-.207	.120	.242	-.1065	178	419	-.201	.182	-.770	-.515	192	111	-.278	.076	-.086	-.674
166	278	-.178	.032	-.069	-.332	178	562	-.251	.036	-.102	-.422	192	121	-.266	.063	-.077	-.579
166	419	.352	.154	.910	-.131	180	111	-.254	.045	-.100	-.455	192	226	-.508	.099	-.231	-.891
166	562	-.295	.046	-.172	-.452	180	121	-.252	.040	-.123	-.419	192	227	-.499	.107	-.209	-.1026
168	111	-.268	.044	-.112	-.441	180	226	-.701	.237	-.070	-.2699	192	271	-.600	.166	-.210	-.1445
168	121	-.272	.039	-.146	-.418	180	227	-.696	.229	-.029	-.2015	192	278	-.179	.038	.012	-.348
168	226	-.426	.151	.208	-.1189	180	271	-.441	.166	-.035	-.1335	192	419	-.070	.128	-.552	-.344
168	227	-.424	.195	.390	-.1309	180	278	-.179	.035	-.180	-.354	192	562	-.224	.034	-.120	-.393
168	271	-.235	.120	.183	-.779	180	419	-.181	.176	-.825	-.495	194	111	-.281	.078	-.053	-.638
168	278	-.181	.031	-.073	-.319	180	562	-.230	.032	-.125	-.350	194	121	-.265	.062	-.078	-.588
168	419	.352	.156	.956	-.187	182	111	-.259	.050	-.093	-.474	194	226	-.457	.093	-.196	-.1042
168	562	-.284	.042	-.122	-.430	182	121	-.262	.047	-.132	-.452	194	227	-.461	.099	-.198	-.904
170	111	-.249	.038	-.114	-.381	182	226	-.671	.159	-.270	-.1629	194	271	-.592	.164	-.184	-.1373
170	121	-.252	.035	-.143	-.435	182	227	-.665	.160	-.166	-.1450	194	278	-.180	.035	-.018	-.352
170	226	-.424	.190	.295	-.1335	182	271	-.505	.164	-.056	-.1197	194	419	-.054	.123	-.473	-.338
170	227	-.394	.220	.341	-.1399	182	278	-.181	.032	-.033	-.424	194	562	-.218	.031	-.114	-.386
170	271	-.187	.120	.301	-.901	182	419	-.151	.143	-.686	-.410	196	111	-.295	.089	-.063	-.893
170	278	-.171	.032	-.012	-.339	182	562	-.241	.033	-.136	-.378	196	121	-.277	.065	-.057	-.554



WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
196	226	-.428	.091	-.182	-.798	198	226	-.385	.078	-.177	-.716	200	121	-.290	.067	-.067	-.638
196	227	-.428	.089	-.156	-.755	198	227	-.404	.081	-.168	-.735	200	226	-.381	.073	-.177	-.692
196	271	-.582	.160	-.157	-1.527	198	271	-.544	.143	-.150	-1.322	200	227	-.382	.077	-.168	-.915
196	278	-.185	.041	-.026	-.388	198	278	-.184	.041	-.003	-.370	200	271	-.559	.146	-.088	-1.666
196	419	-.046	.119	-.528	-.319	198	419	-.029	.118	-.488	-.346	200	278	-.194	.046	-.024	-.400
196	562	-.223	.035	-.107	-.397	198	562	-.223	.036	-.110	-.403	200	419	-.032	.110	-.393	-.355
198	111	-.292	.083	-.070	-.764	200	111	-.309	.090	-.063	-.926	200	562	-.234	.040	-.117	-.423
198	121	-.277	.063	-.040	-.619												