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WIND-TUNNEL STUDY OF SUN HOTEL AND TOWERS HOTEL, JOHANNESBURG, SOUTH AFRICA

by

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

FLUID MECHANICS AND WIND ENGINEERING PROGRAM

COLLEGE OF ENGINEERING

COLORADO STATE UNIVERSITY
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LIST OF SYMBOLS

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

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

1. INTRODUCTION

1.1 General

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

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

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

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

These criteria are satisfied by constructing a scale model of the structure and its surroundings and performing the wind tests in a wind tunnel specifically designed to model atmospheric boundary-layer flows. Reynolds number similarity requires that the quantity UD/ν be similar for model and prototype. Since ν, the kinematic viscosity of air, is identical for both, Reynolds numbers cannot be made precisely equal with reasonable wind velocities. To accomplish this the air velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity, a velocity which would introduce unacceptable compressibility effects. However, for sufficiently high Reynolds numbers ($>2\times10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^7-10^8 for the full-scale and 10^5-10^6 for the wind-tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Wind-Tunnel Test

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

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

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

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

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

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

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

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

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

2.2 Model

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

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

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

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

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

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

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

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

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

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

3.2 Pressures

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

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

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

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

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

3.3 Velocity

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

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

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

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

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

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

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

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

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

4. RESULTS

4.1 Flow Visualization

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

4.2 Velocity

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

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

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

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

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

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

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

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

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

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

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

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

4.3 Pressures

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.4 Forces and Moments

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

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

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

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

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

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

The forces obtained at each floor were used to obtain load, shear, and moment diagrams for the building for each wind direction. The shear diagram, in KN, was obtained by algebraic sum of all forces in each coordinate direction acting above the floor of interest. The load diagram, in Pa, was obtained by dividing the shear values by their contributing areas (listed in Table 7). The moment diagram, in MN-M, 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.

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5. DISCUSSION

5.1 Flow Visualization

Flow patterns identified with smoke showed that the largest local pressures would probably be found near corners of the Sun Hotel or Towers Hotel buildings. Flow separation phenomena were observed at corners of each building. Flow separation occurs when fluid momentum prevents the wind from abruptly turning at a building corner so that the wind "separates" from the building surface. Photographs of smoke flow separating from the building surface at corners are shown in Figure 5. Flow separation phenomena are known to produce local elevated suction pressures near the point of separation. The rounded undercut on the Sun Hotel was a possible source of separated flow which could lead to high pressures. Smoke flow, however, did not show wind flow whose characteristics would indicate higher pressures than typical corner areas on the tower.

The tall adjacent building to the east deflected winds onto the two hotel buildings for some wind directions. This deflected wind flow may be sufficiently accelerated to cause higher local pressures on the towers, particularly the Sun Hotel tower, than might occur without the presence of the adjacent building.

Wind speeds in pedestrian areas appeared to be highest on the top of the lowrise structure between the two hotel towers. This situation appeared to be somewhat aggrevated by the winds deflected by the tall building to the east. Winds at ground level appeared to be strong, particularly near north corners of the lowrise structure. The elevated wind speeds appeared to originate with the tower structures on the project site and the tall building to the east which brought high velocity winds

from elevations above the average level of surrounding buildings down to ground level.

5.2 Pedestrian Winds

Figure 4 shows the 30 locations selected for investigation of pedestrian wind comfort. Location 1 was selected as a reference measurement location at the northeast corner of the tall building to the east of the project site where influence of the current project should be reasonably small. Flow visualization showed that wind speeds at this corner might be expected to be high. Locations 6, 7, 8, 12, 13, 18 and 29 were located at ground level under building overhangs. Locations 11, 15, 19, 20, 23, 24, 26, 27 and 30 were located on the lowrise roof.

Table 2 and Figure 8 show that the largest mean velocities were measured at reference location 1 with values ranging up to 68 percent of U_∞, the mean velocity at the edge of the boundary layer at 380 m elevation. This value is not unusual for a tall building corner in a city environment. The largest mean velocities on the project site were at locations 14 and 21 at the ground level on the east side of the project site with values of 58 and 50 percent of U_∞. These values are typical of mean velocities in city environments. An open-country location might expect mean velocities of 40 to 45 percent of U_∞.

The largest values of fluctuating velocity, U_{rms}, were all no larger than 20 percent of U_∞. These values are not particularly high. The largest peak gusts, represented by the mean plus 3 rms as discussed in Section 4.2, were measured at reference location 1 and at locations 14 and 19. These largest values ranged up to 117 percent of U_∞ which are typical largest values for a city environment. An open-country location might expect 80 to 85 percent of U_∞.

Velocity data of Table 2 integrated with local wind data listed in Table 3 are shown in Figure 9. Based on the data of this figure, the windiest pedestrian location of those measured should be reference location at the northeast corner of the tall building to the east. Location 1 is predicted to be unacceptably windy based on the acceptability criteria published in the literature. The windiest locations on the project site are predicted to be 8, 14, 19, 21 and 30. These locations become unacceptably windy a few percent of the time but fall into the uncomfortable-for-walking category for 30 percent or more of the time. They should be comfortable for walking about 70 percent of the time. The least windy locations were 18 and 29 which were predicted to be comfortable for long exposure activities for more than 98 percent of the time.

The acceptance criteria for pedestrian winds has been proposed for sites with average wind speeds. The local wind data of Table 2 indicate that the general level of windiness in the Johannesburg area is somewhat higher than one expects for a city average in windiness. The local familiarity with higher-than-average winds increases somewhat the level of acceptability of winds. Thus, the wind environment about the project site will probably be seen by local residents as somewhat more acceptable than to those not familiar with the local environment. This increased tolerance to winds would probably not be sufficient to consider reference location 1 as an acceptable wind environment.

The areas on the project site where longer term activities are anticipated would benefit from trees and foliage which act to decrease wind speeds near the surface.

5.3 Pressures

Table 6 shows the largest peak pressure coefficients and corresponding loads measured on the towers and lowrise for each pressure tap location. 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 cladding pressure measured for either tower was -3640 Pa at tap 1208 on the Towers Hotel. At this location at a corner near the roof, the curvature in the separated wind flow was higher than at other corners leading to a locally higher peak pressure. The next highest pressure on the Towers Hotel was -2790 Pa.

The largest peak cladding pressure on the Sun Hotel was -3080 Pa at tap 140. This location is near a corner where flow separation might be expected to increase the pressure level. Figure 10 shows graphically the distribution of peak cladding pressures on the two towers and lowrise. Most of the area on the two towers had peak negative pressures between -1000 and -2500 Pa with limited areas extending to the maximum pressures cited above. The large peak negative pressures on the east face of the Towers Hotel may be due, in part, to the influence of the large building to the east of the project site. Peak negative cladding loads on the lowrise did not exceed about -1500 Pa.

Peak positive cladding pressures on the two towers and lowrise ranged up to about 1600 Pa.

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 each tower. For each tower, the base shear in the X direction remained at a significant level at the wind direction resulting in the maximum Y base shear. The torsional moments acting on either tower were small. This finding is typical of rectangular buildings.

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FIGURES

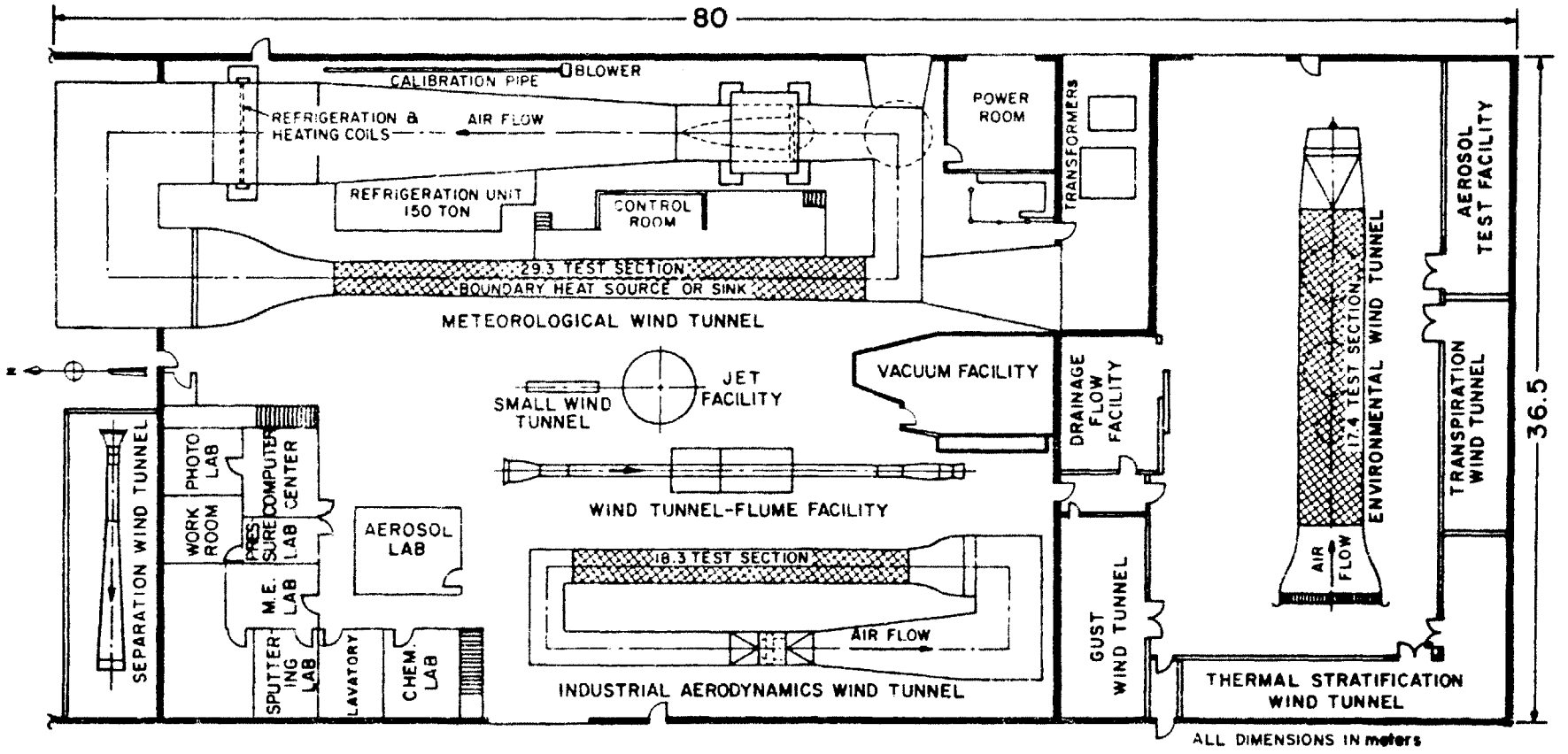
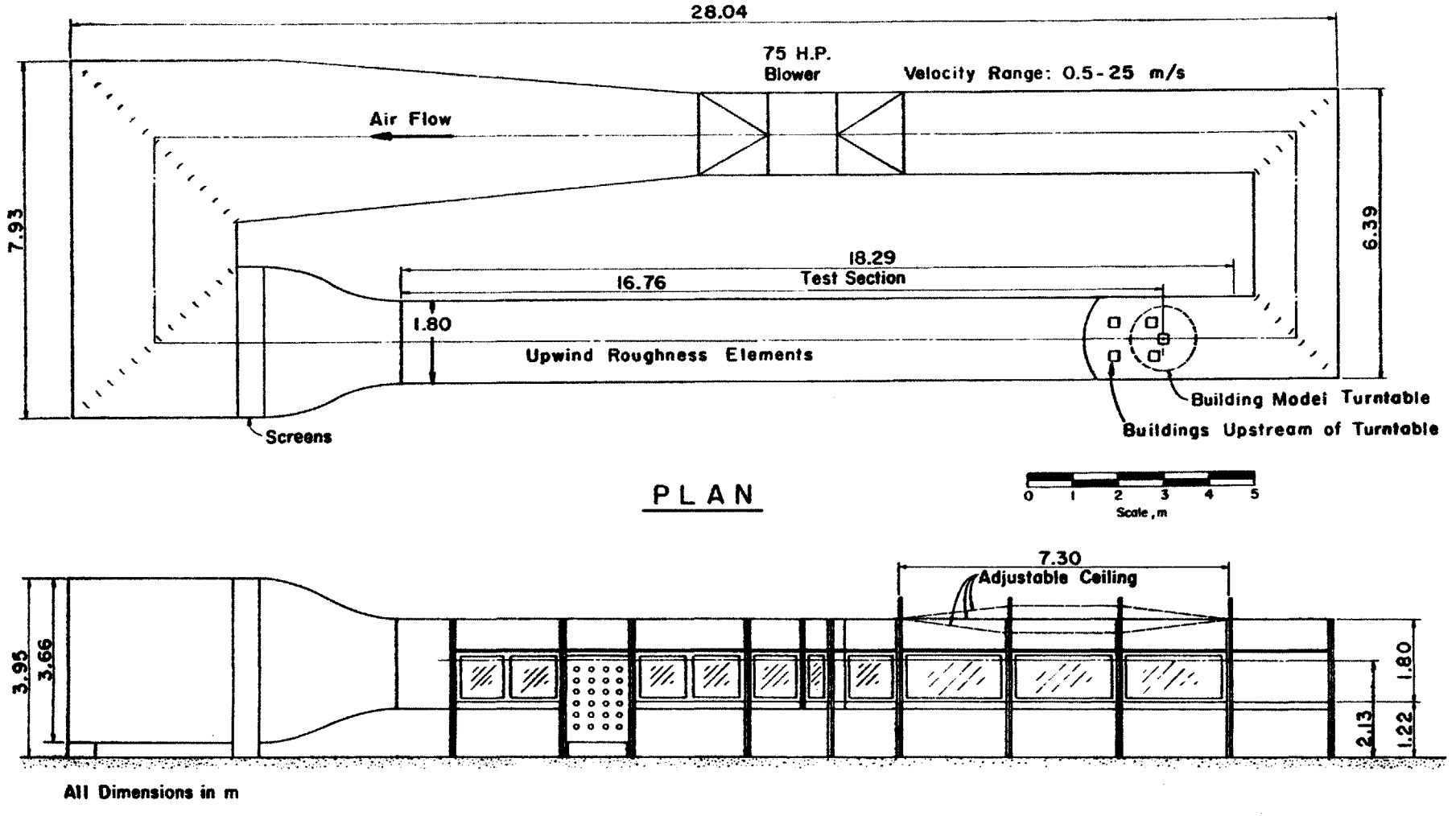
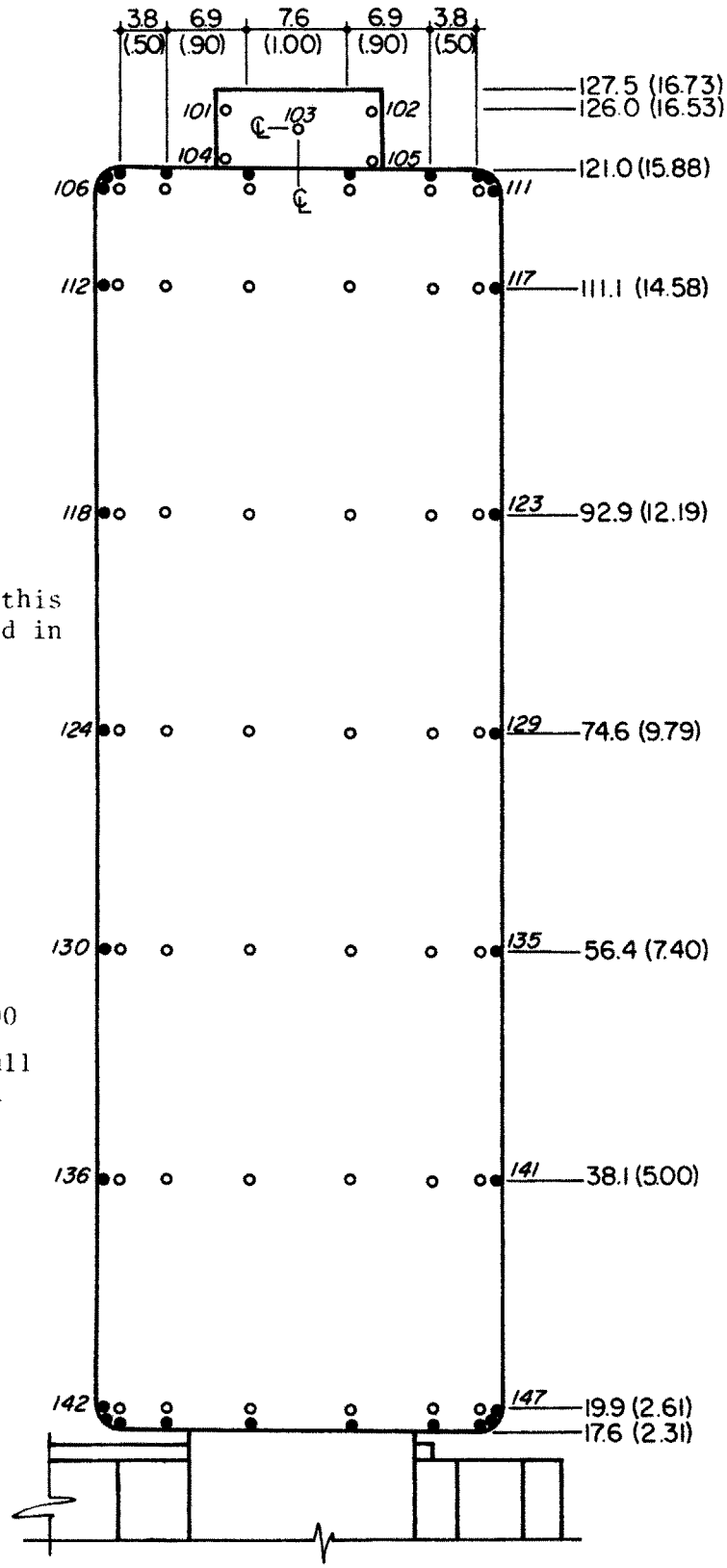


Figure 1. **FLUID DYNAMICS AND DIFFUSION LABORATORY COLORADO STATE UNIVERSITY**



INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2. Wind-Tunnel Configuration



• Taps visible in this view but numbered in another view

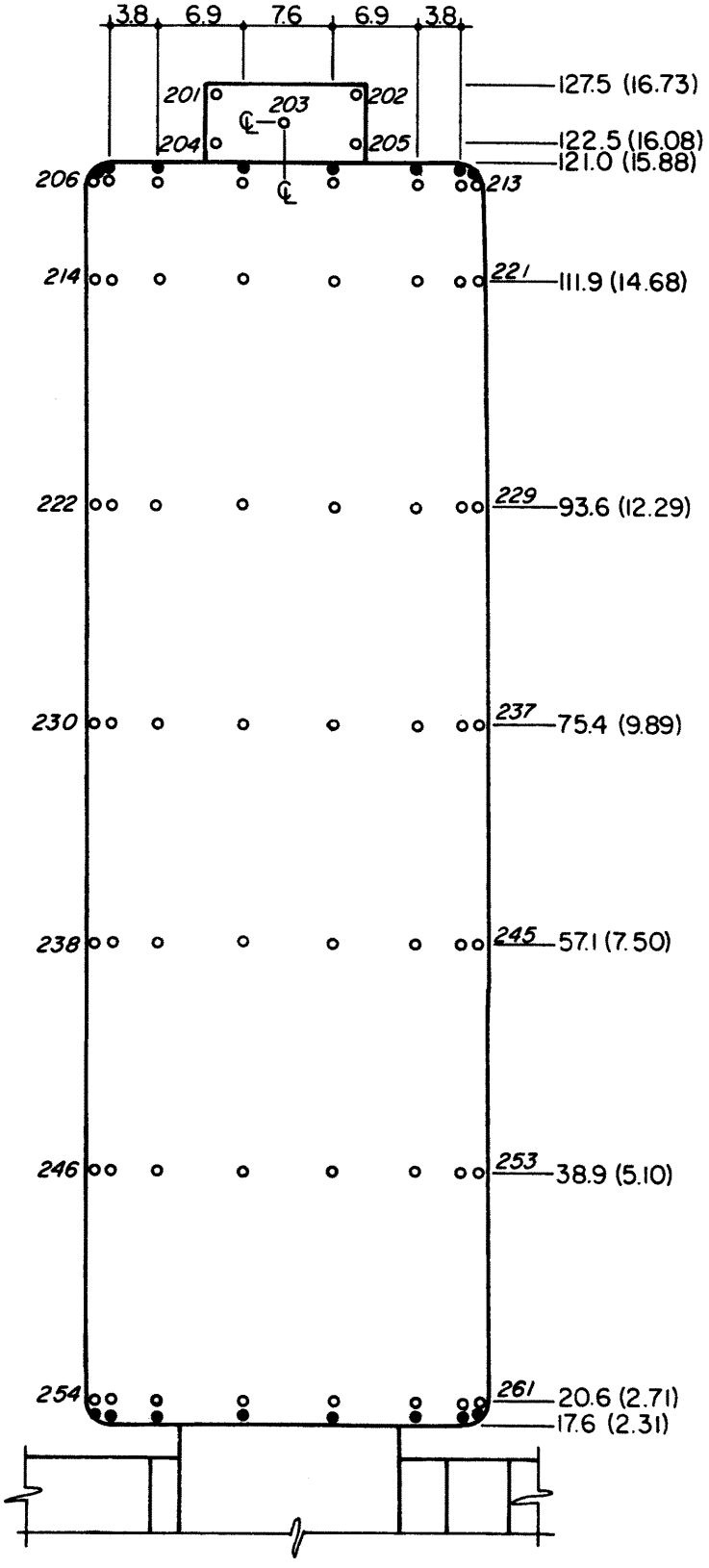
Model Scale 1:300

Dimensions in full scale meters and model inches

EAST

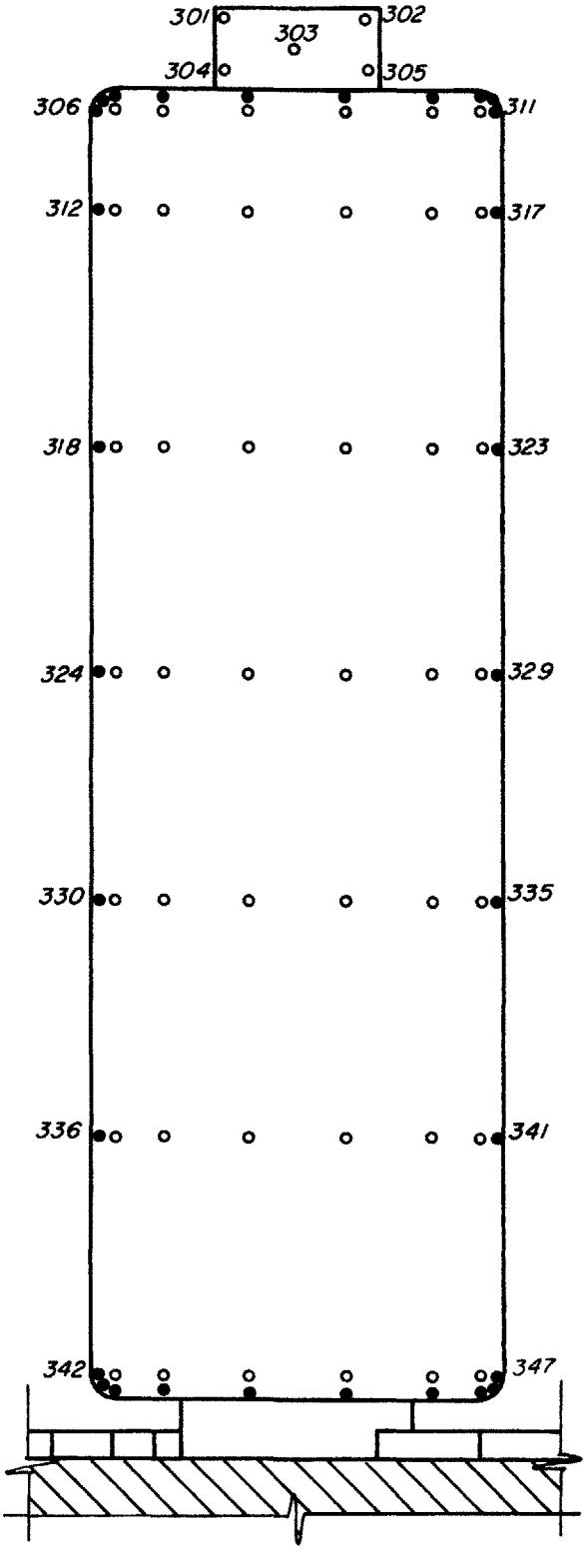
SUN HOTEL

Figure 3a. Pressure Tap Locations



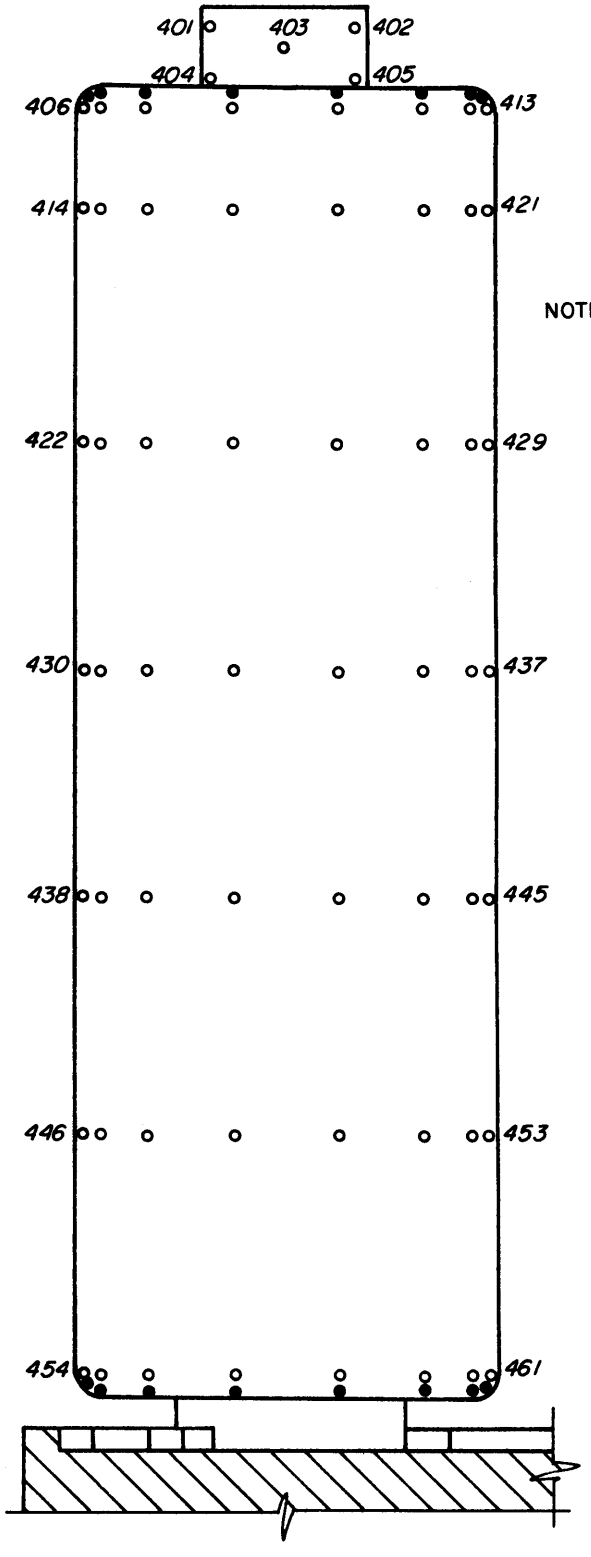
SUN HOTEL

Figure 3b. Pressure Tap Locations



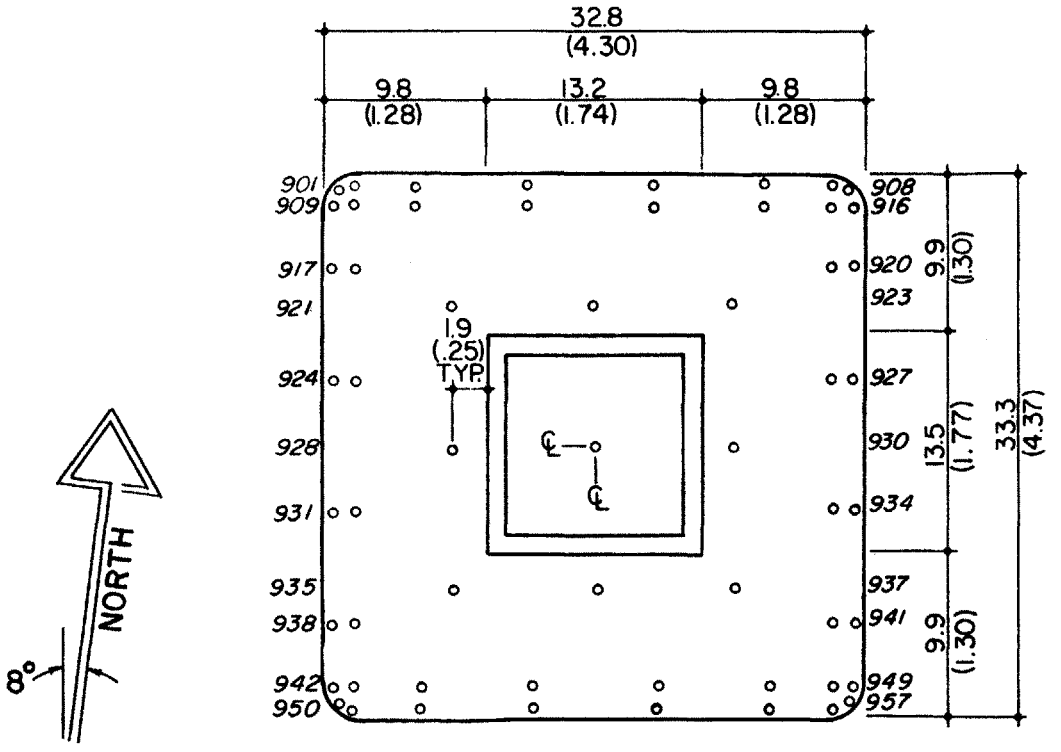
SUN HOTEL

Figure 3c. Pressure Tap Locations

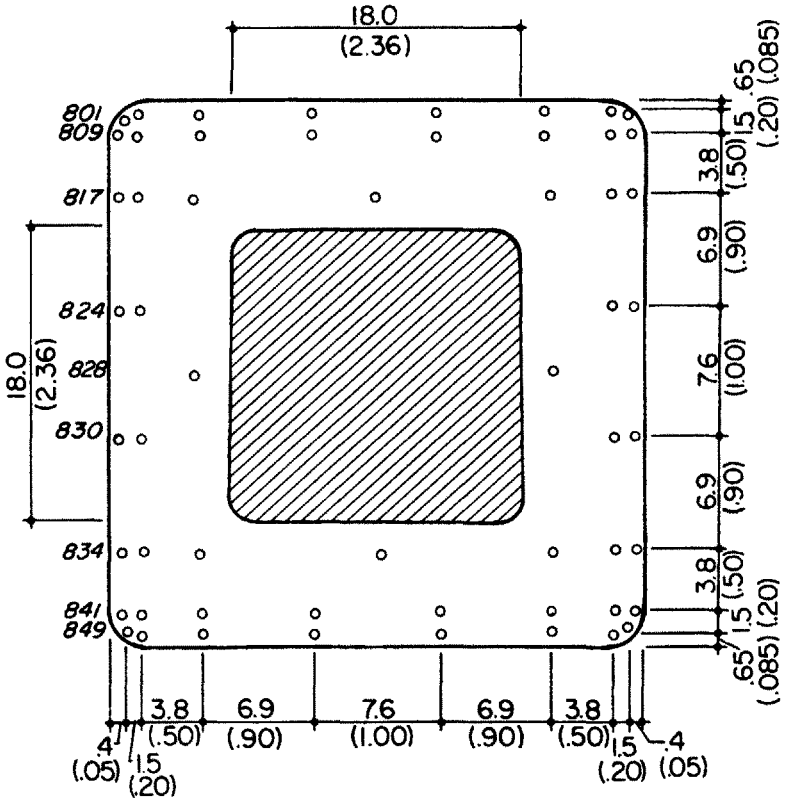


SUN HOTEL

Figure 3d. Pressure Tap Locations



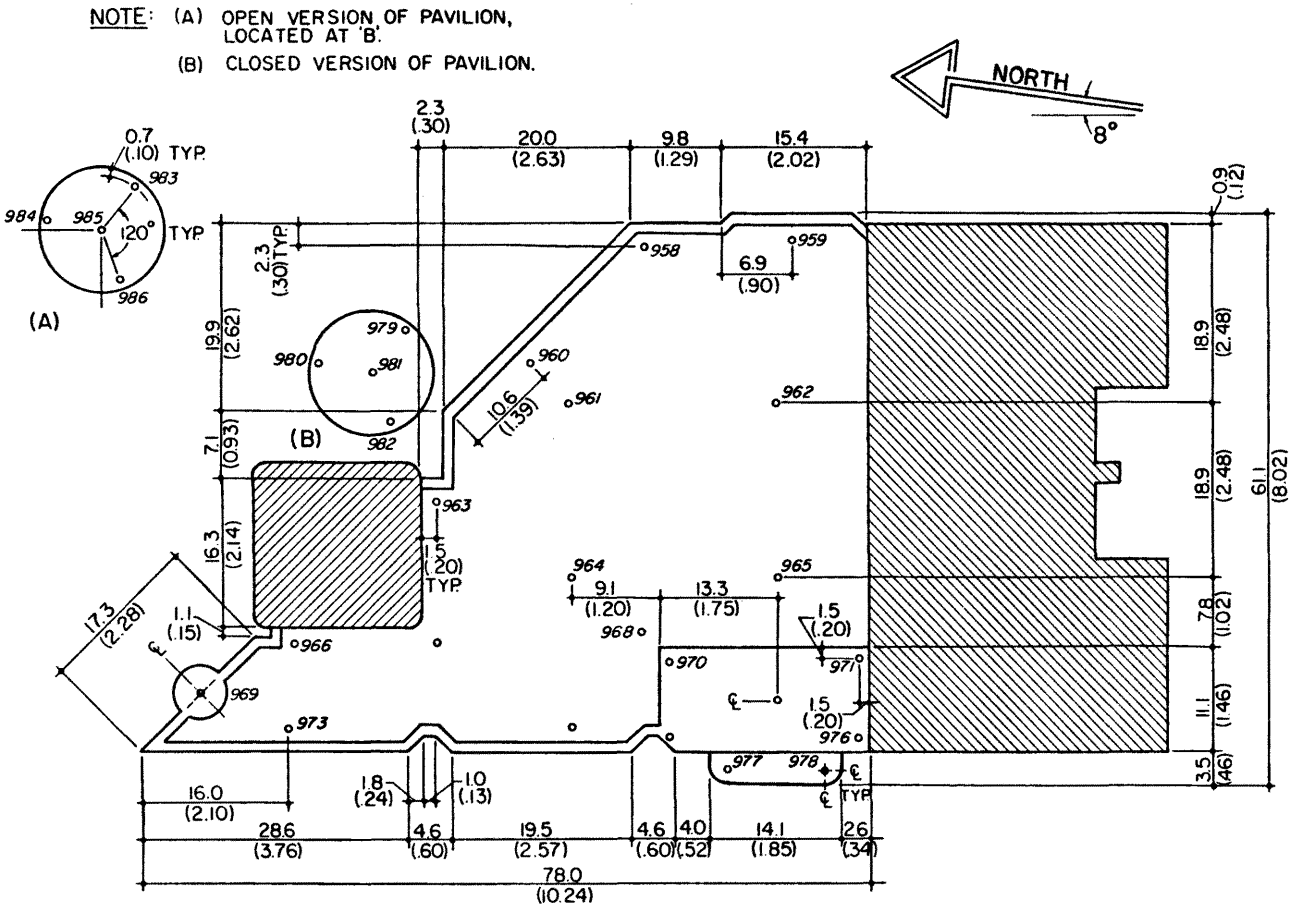
TOWER ROOF



SOFFIT

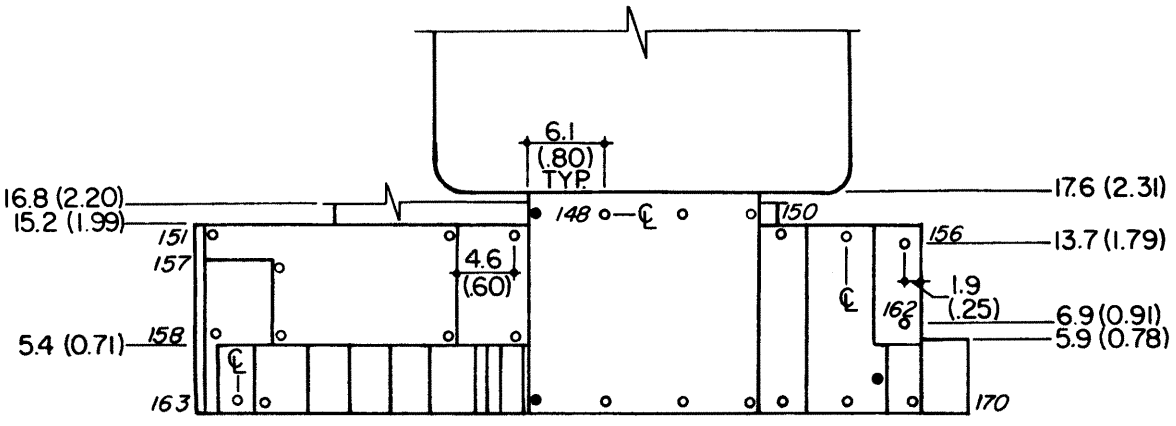
SUN HOTEL

Figure 3e. Pressure Tap Locations

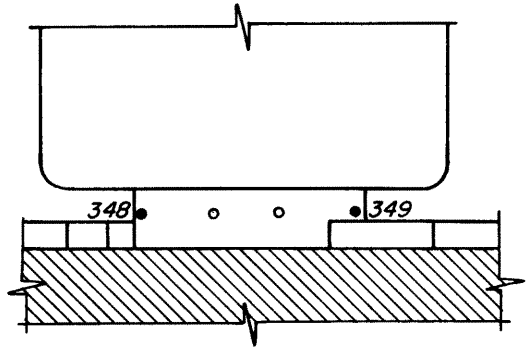


LOWRISE ROOF

Figure 3f. Pressure Tap Locations



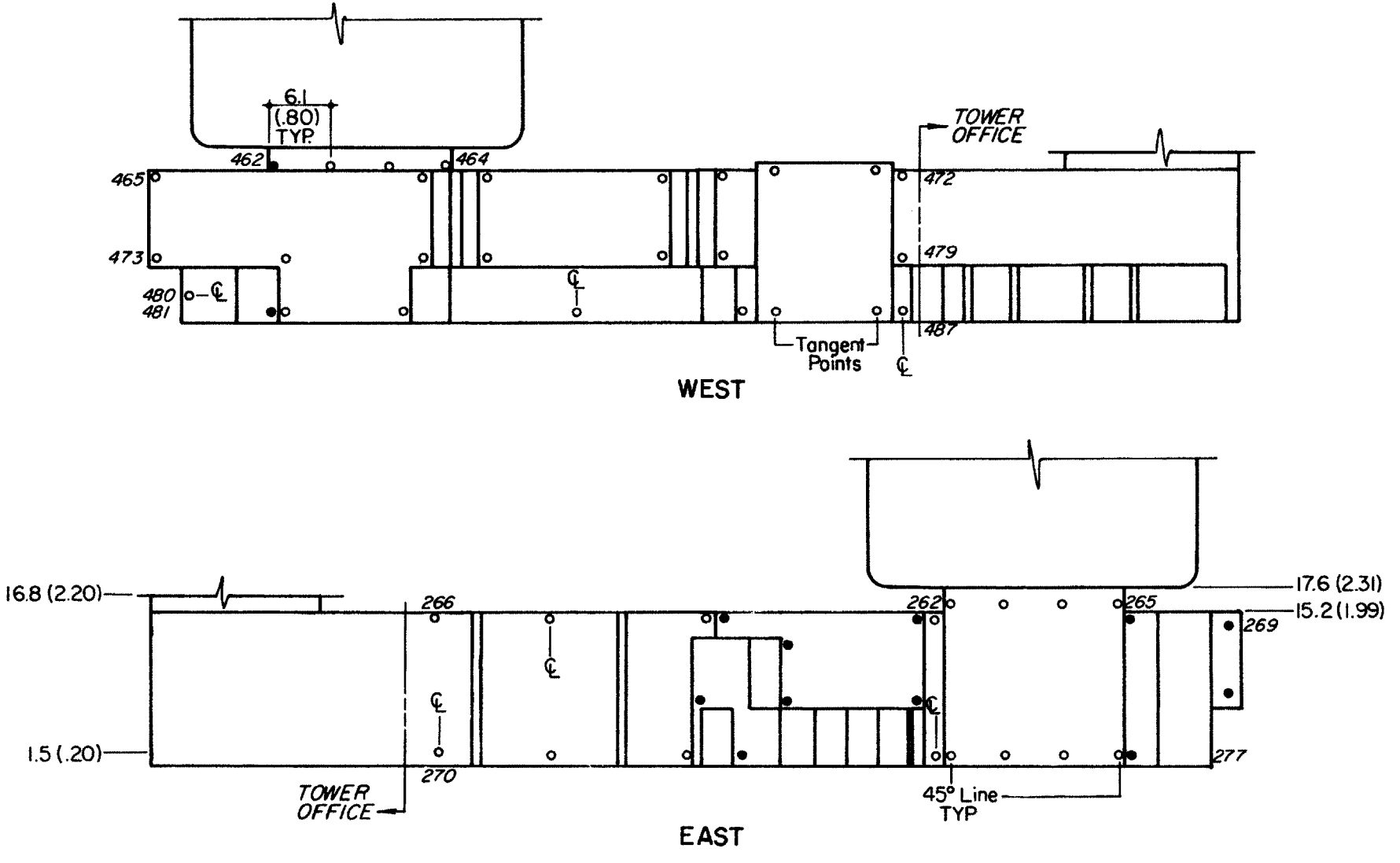
NORTH



SOUTH

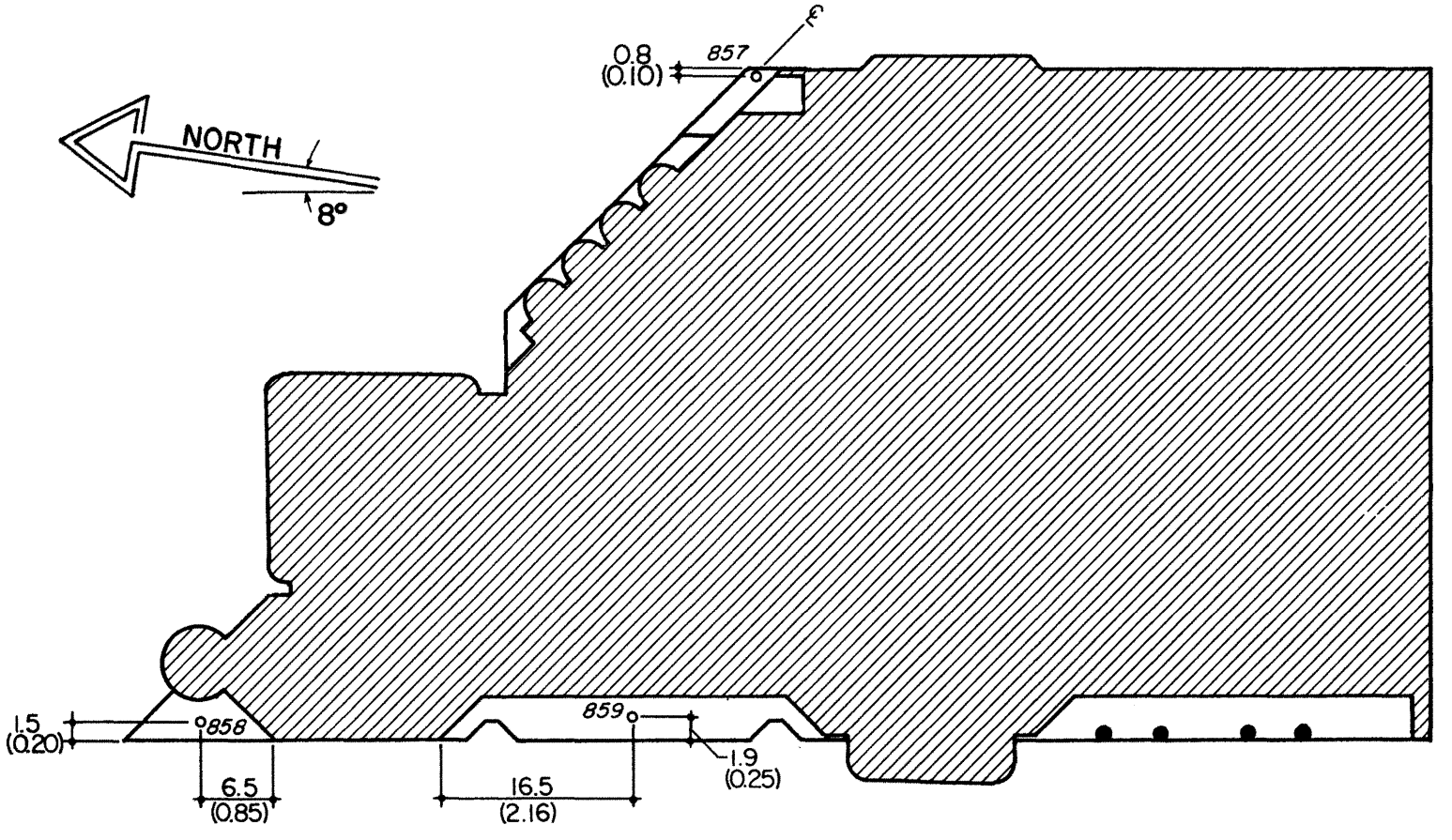
LOWRISE

Figure 3g. Pressure Tap Locations



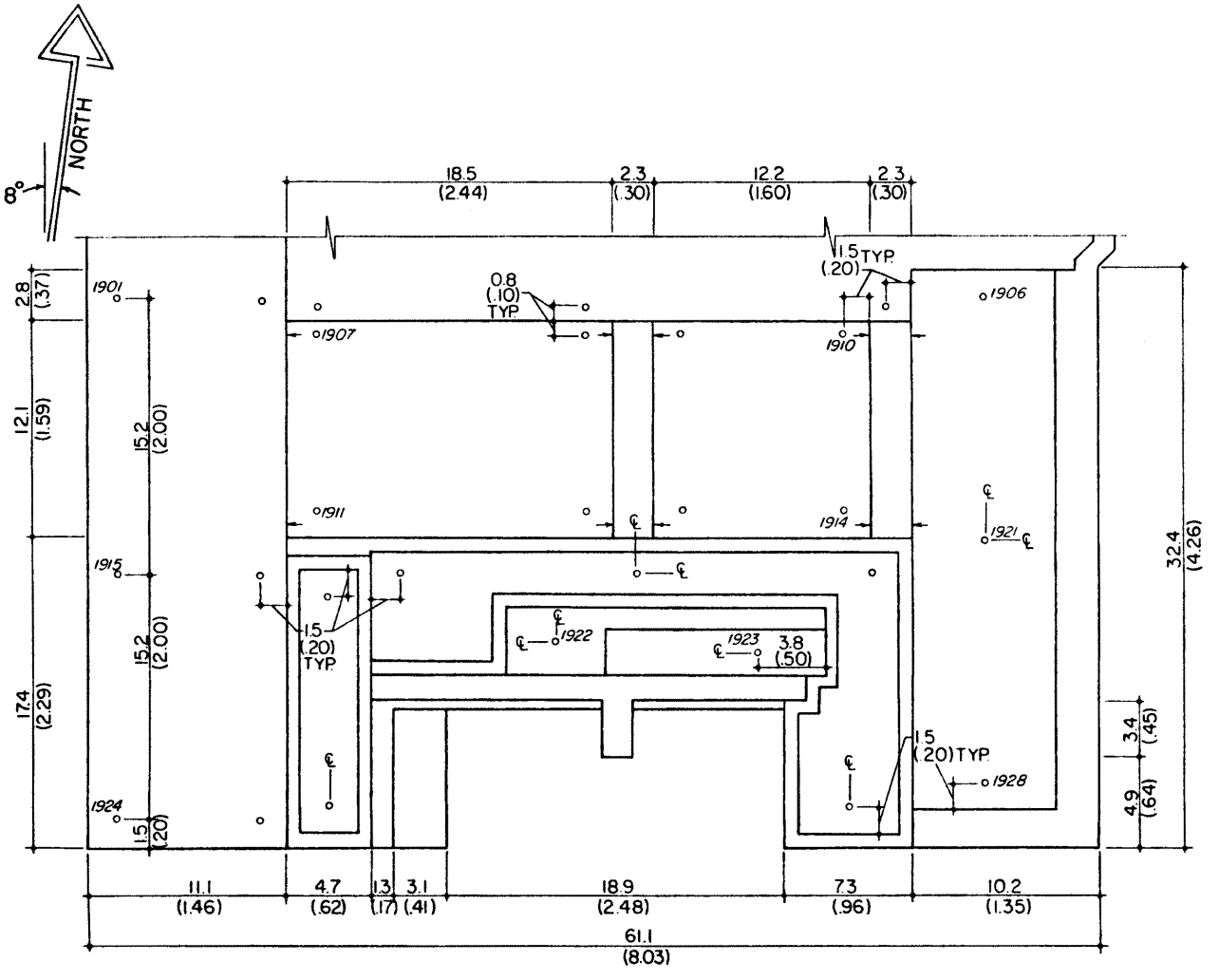
LOWRISE

Figure 3h. Pressure Tap Locations



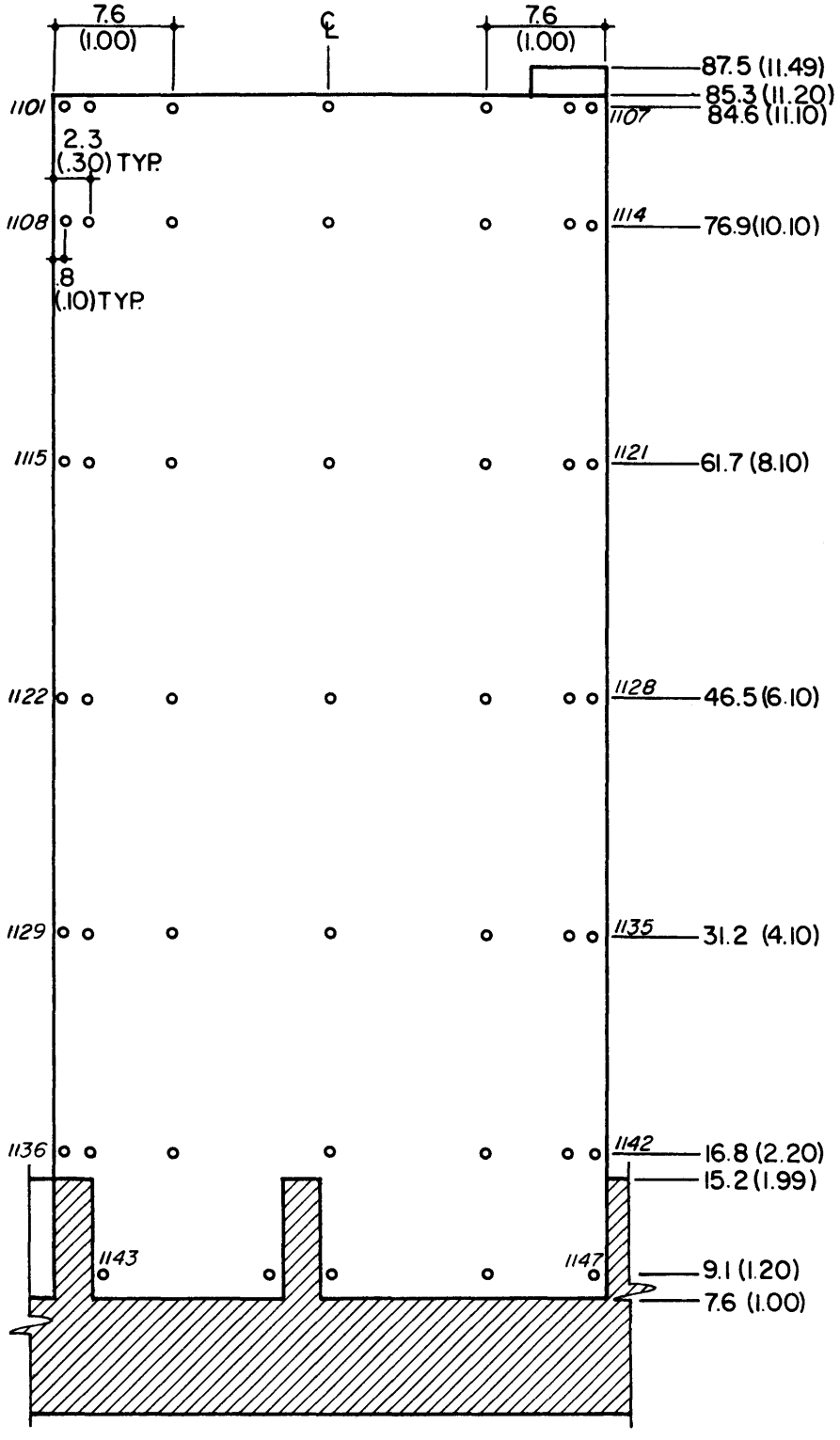
LOWRISE SOFFITS

Figure 3i. Pressure Tap Locations



TOWERS HOTEL ROOF

Figure 3j. Pressure Tap Locations



TOWERS HOTEL

Figure 3k. Pressure Tap Locations

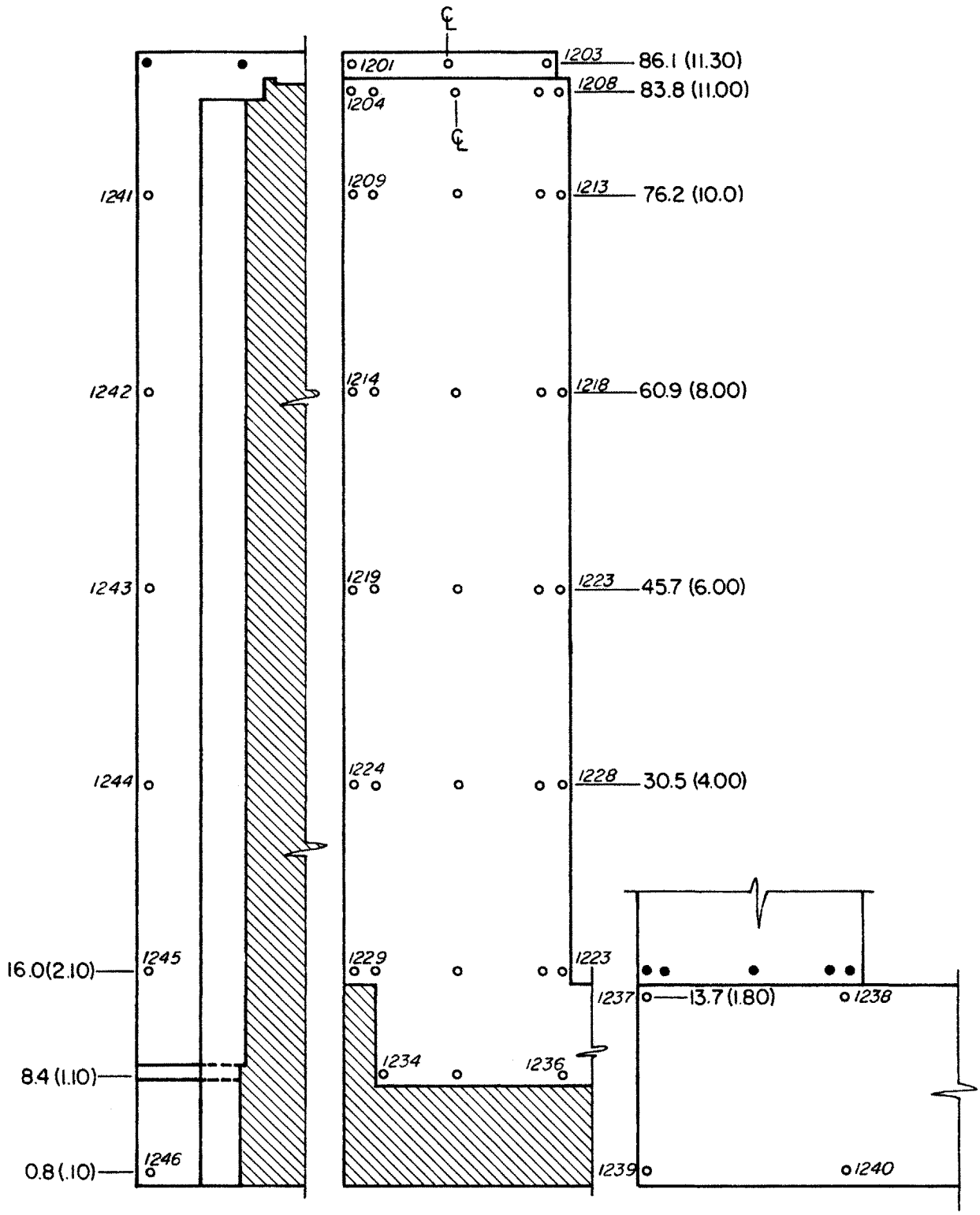
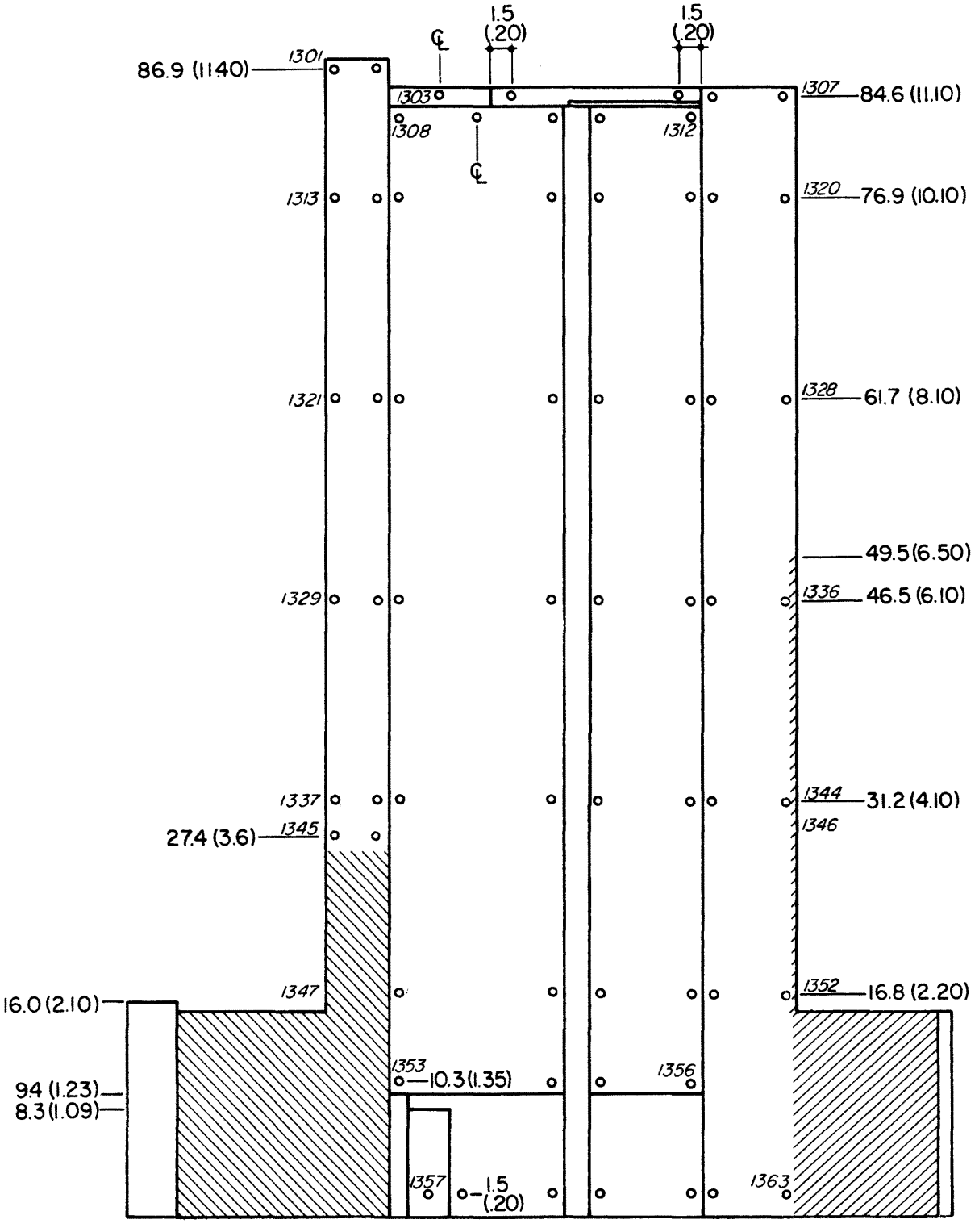
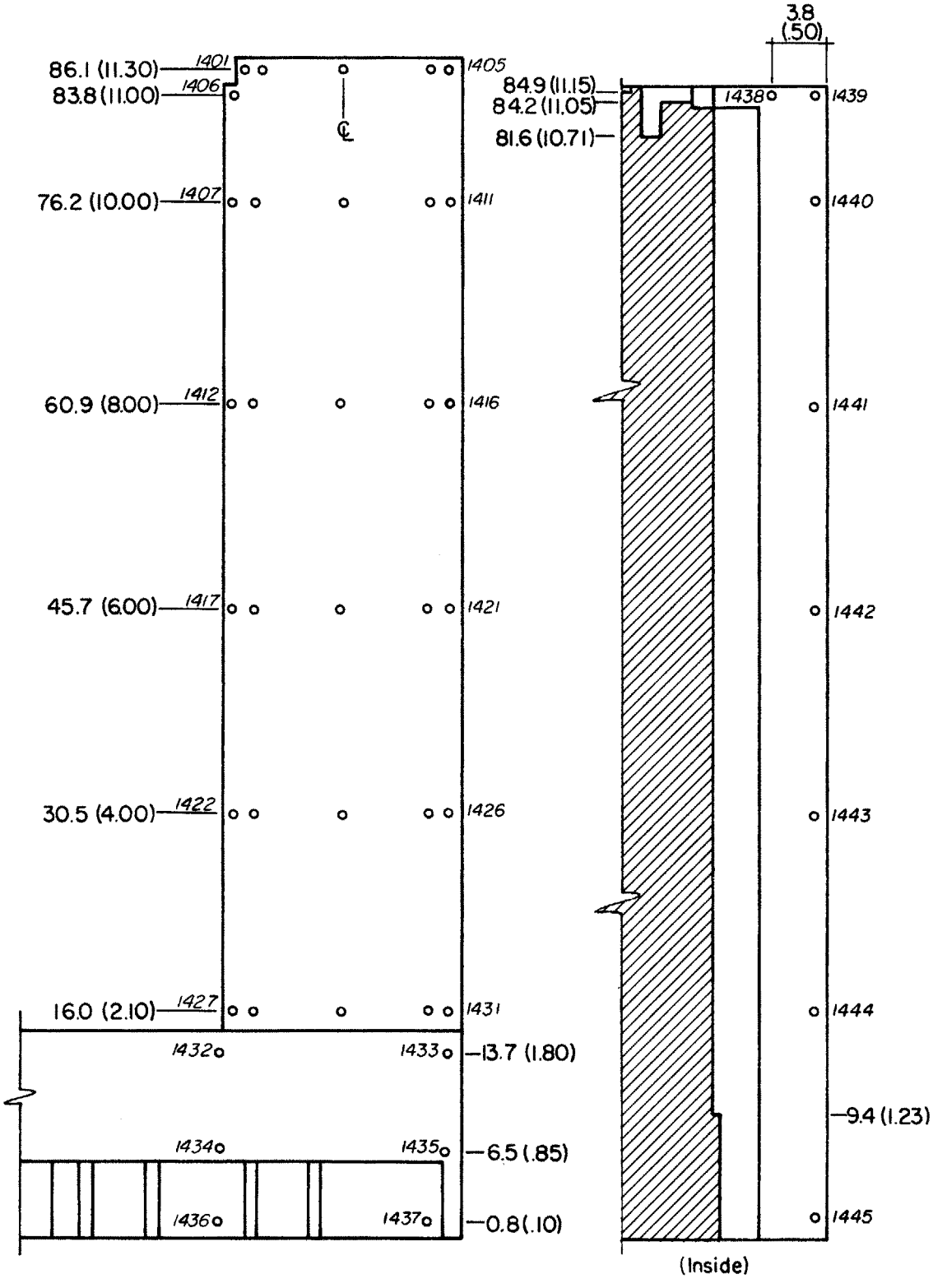


Figure 31. Pressure Tap Locations



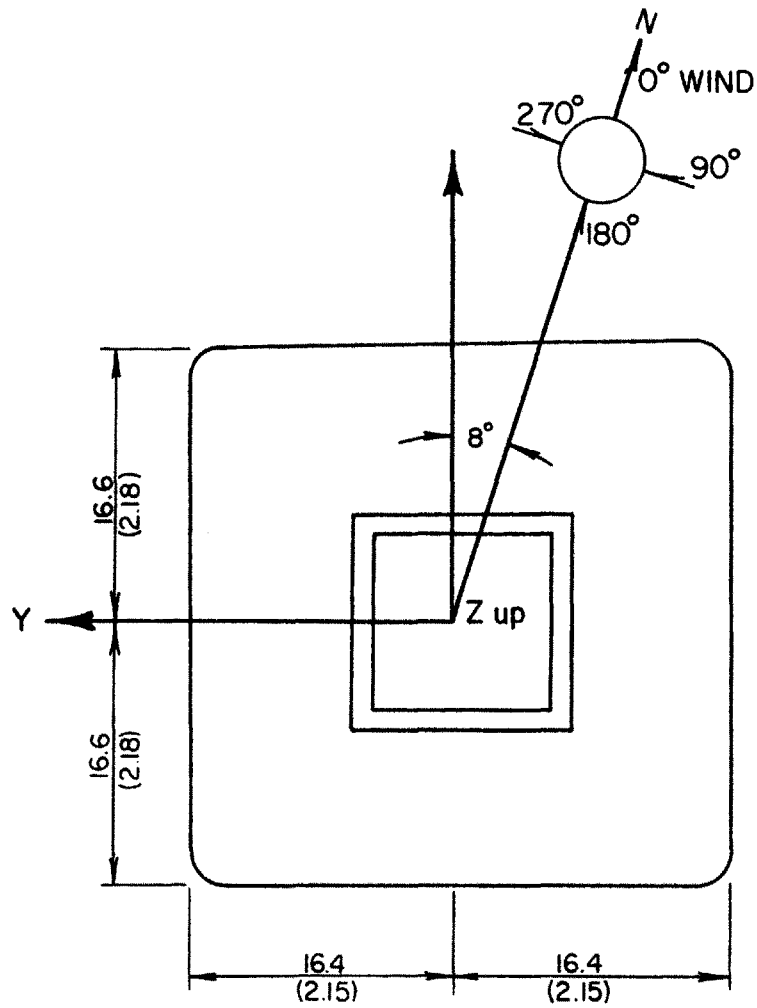
TOWERS HOTEL

Figure 3m. Pressure Tap Locations



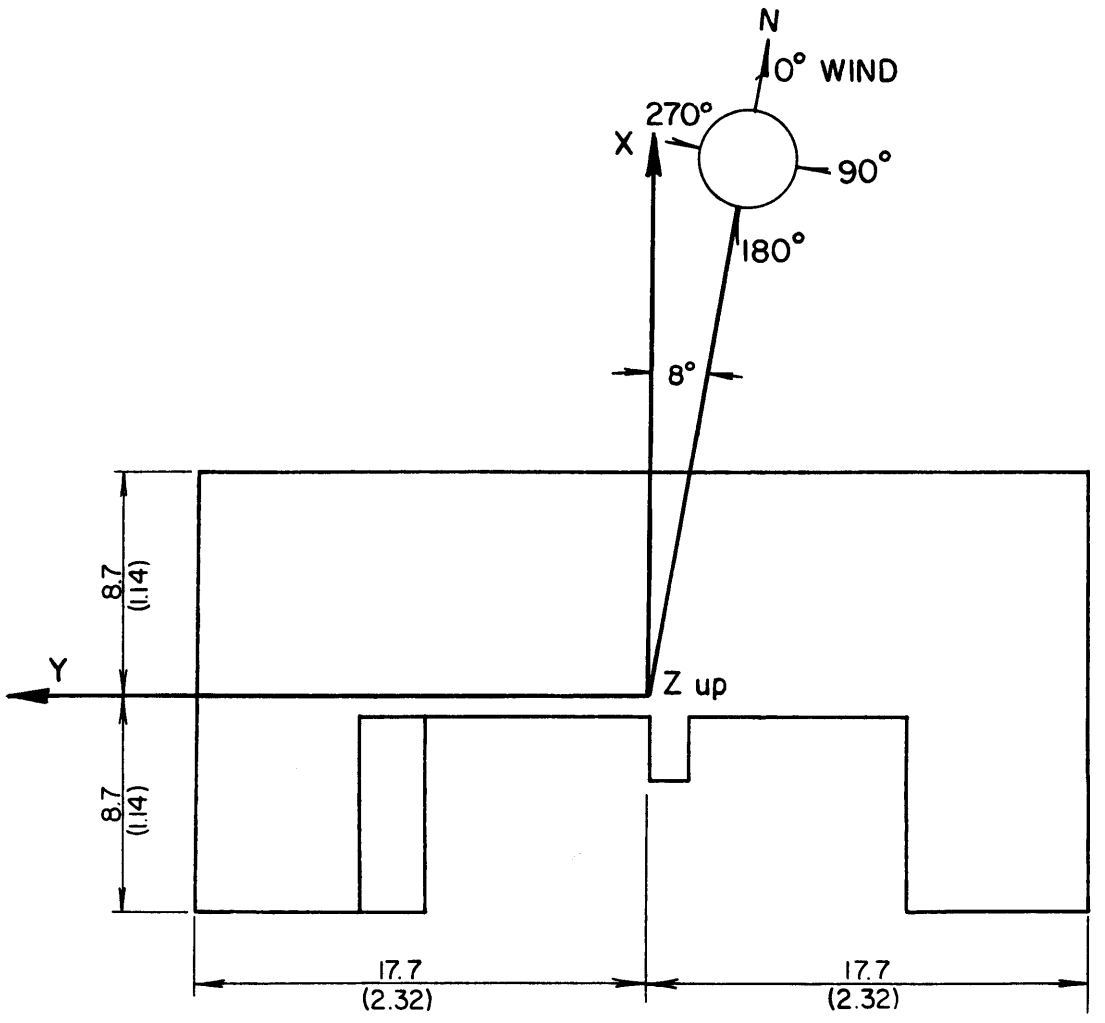
TOWERS HOTEL

Figure 3n. Pressure Tap Locations



COORDINATE SYSTEM
Z = 0 at "first floor"

Figure 3o. Pressure Tap Locations



COORDINATE SYSTEM
Z = 0 at "first floor"

Figure 3p. Pressure Tap Locations

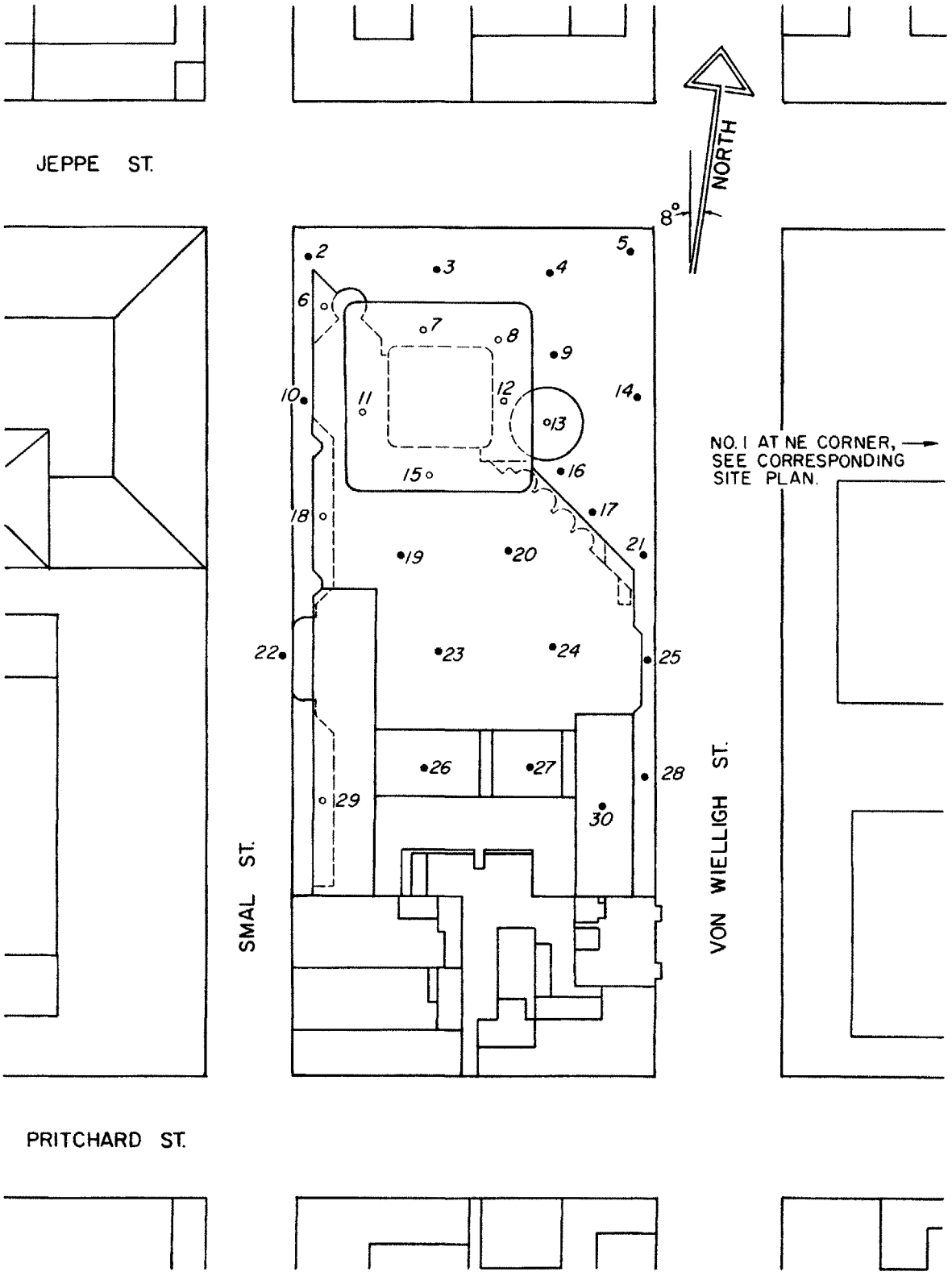


Figure 4a. Building Location and Pedestrian Wind Velocity Measuring Positions

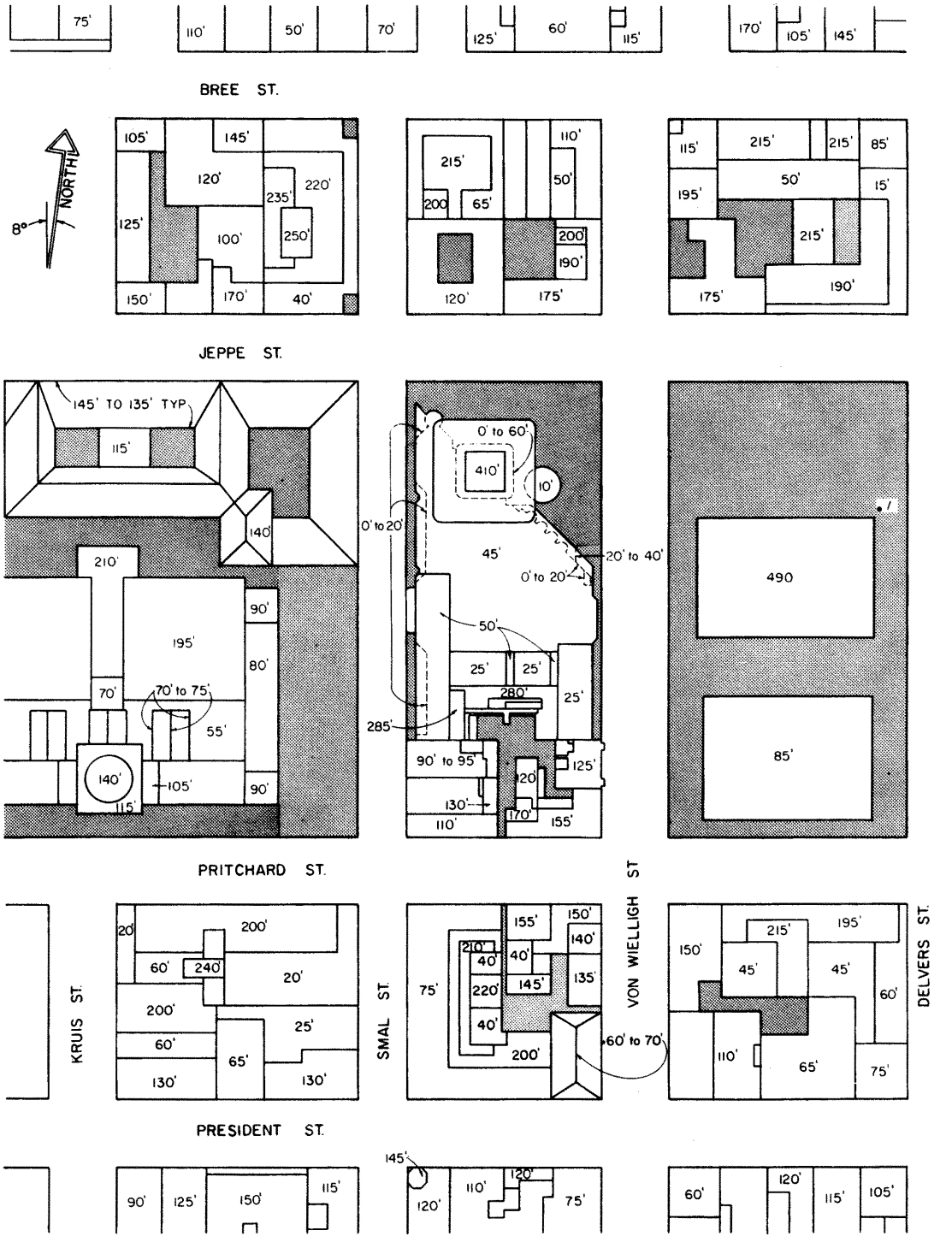
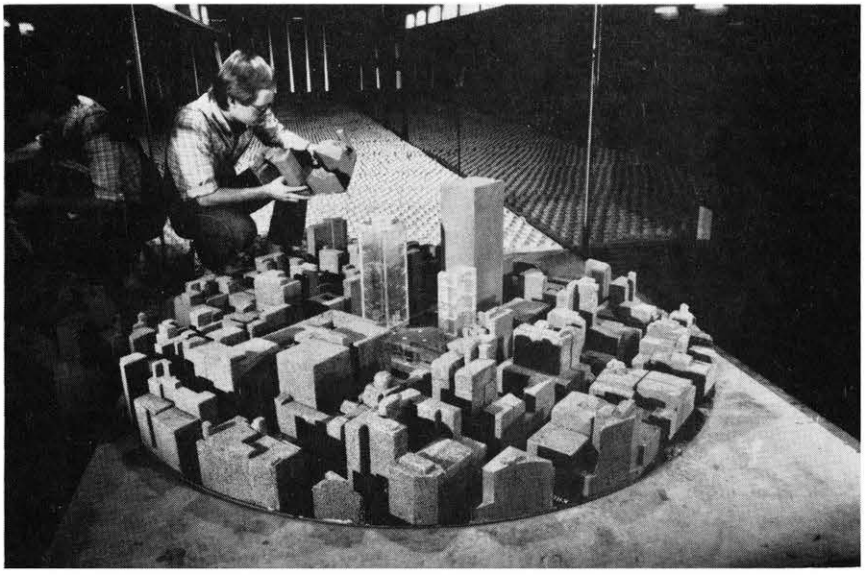


Figure 4b. Building Location and Pedestrian Wind Velocity Measuring Positions



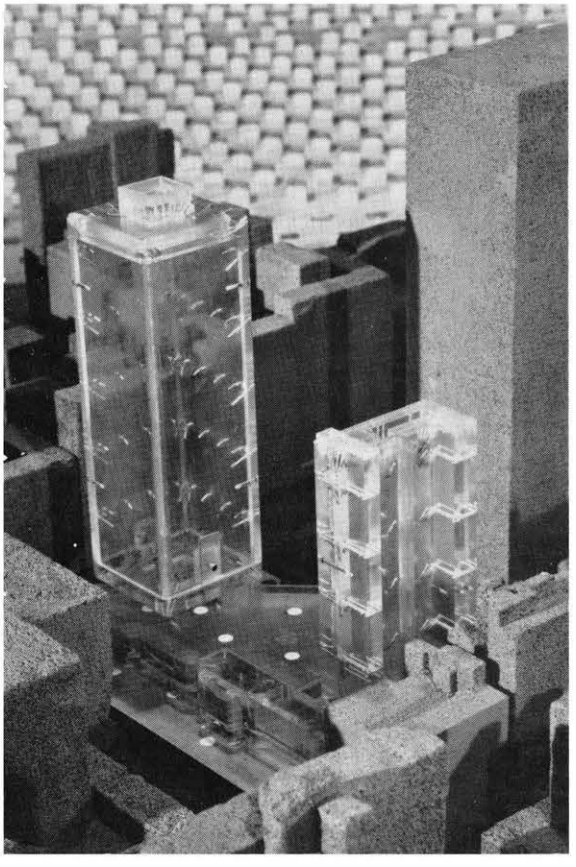


Figure 5. Model Installed in the Wind Tunnel

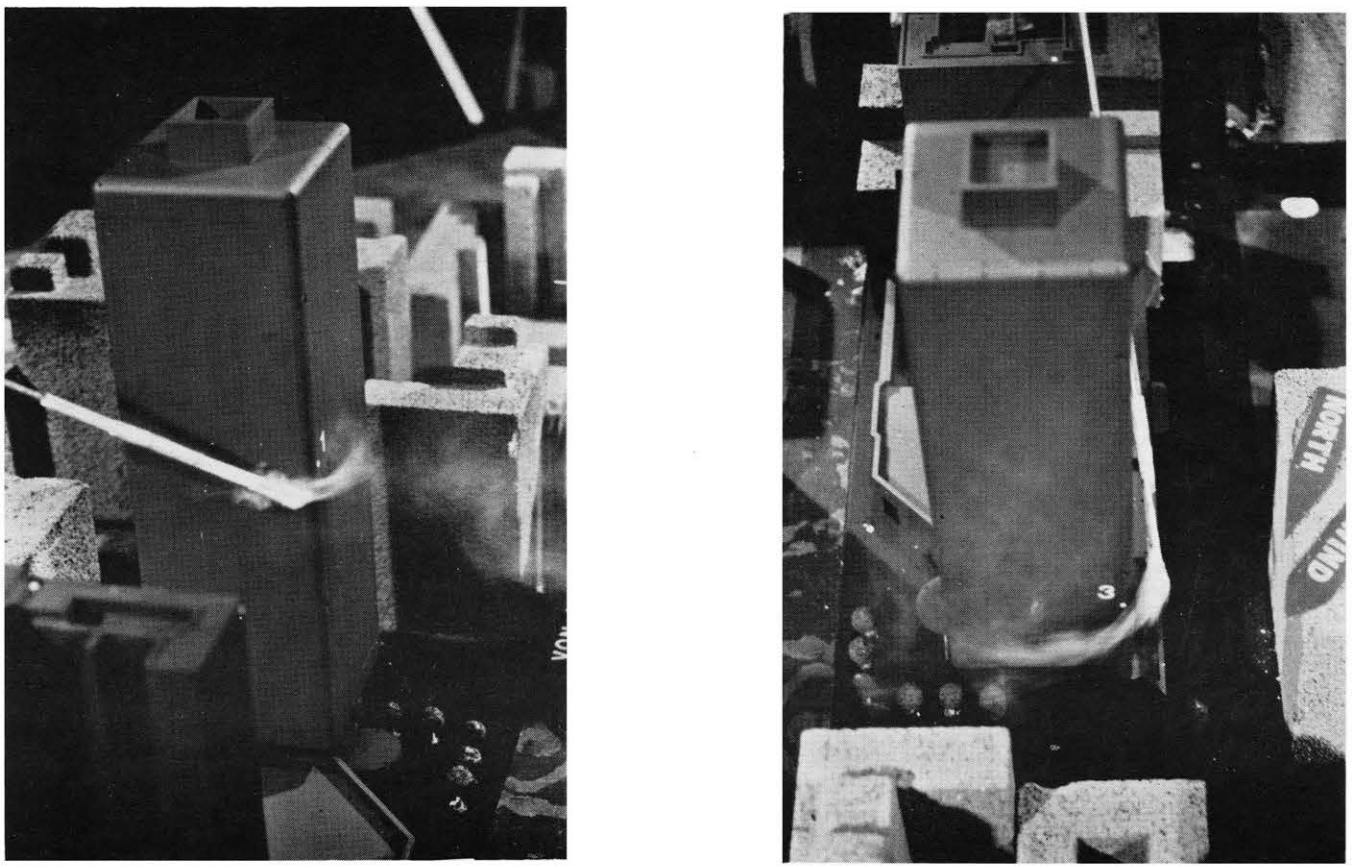
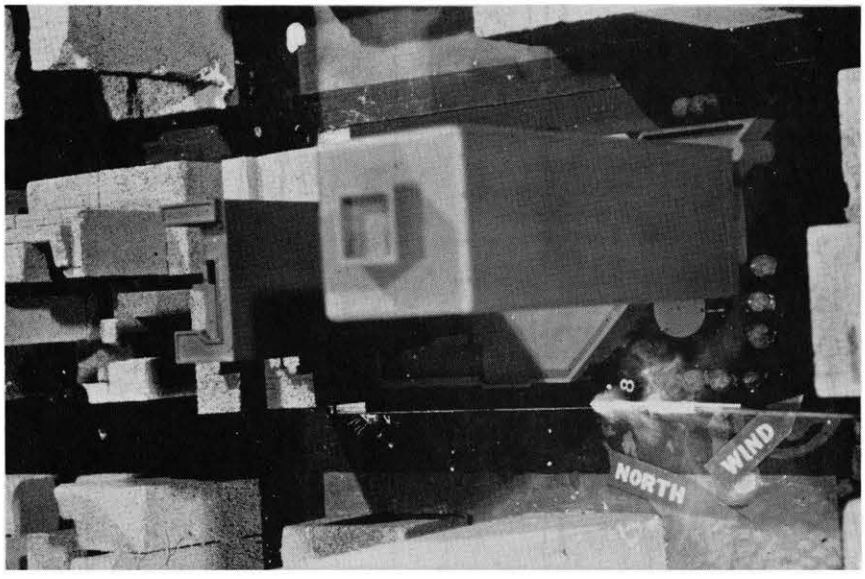


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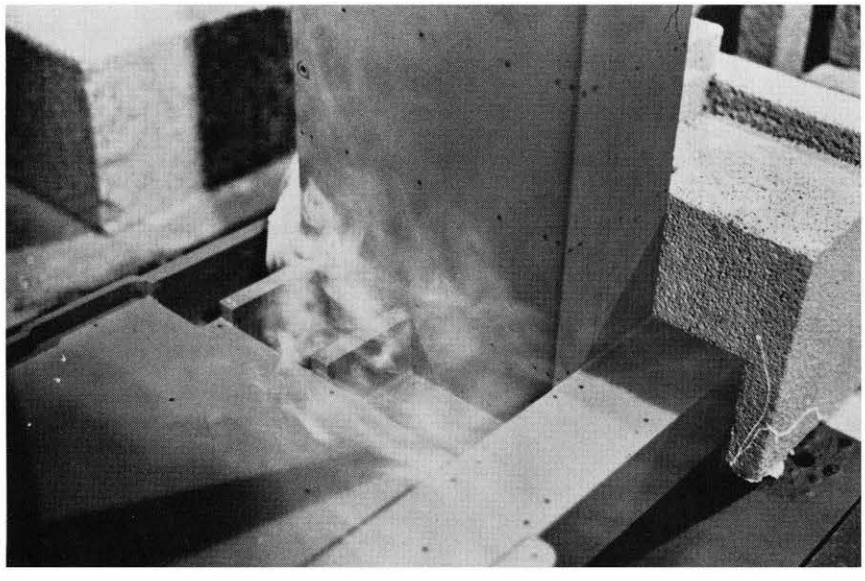


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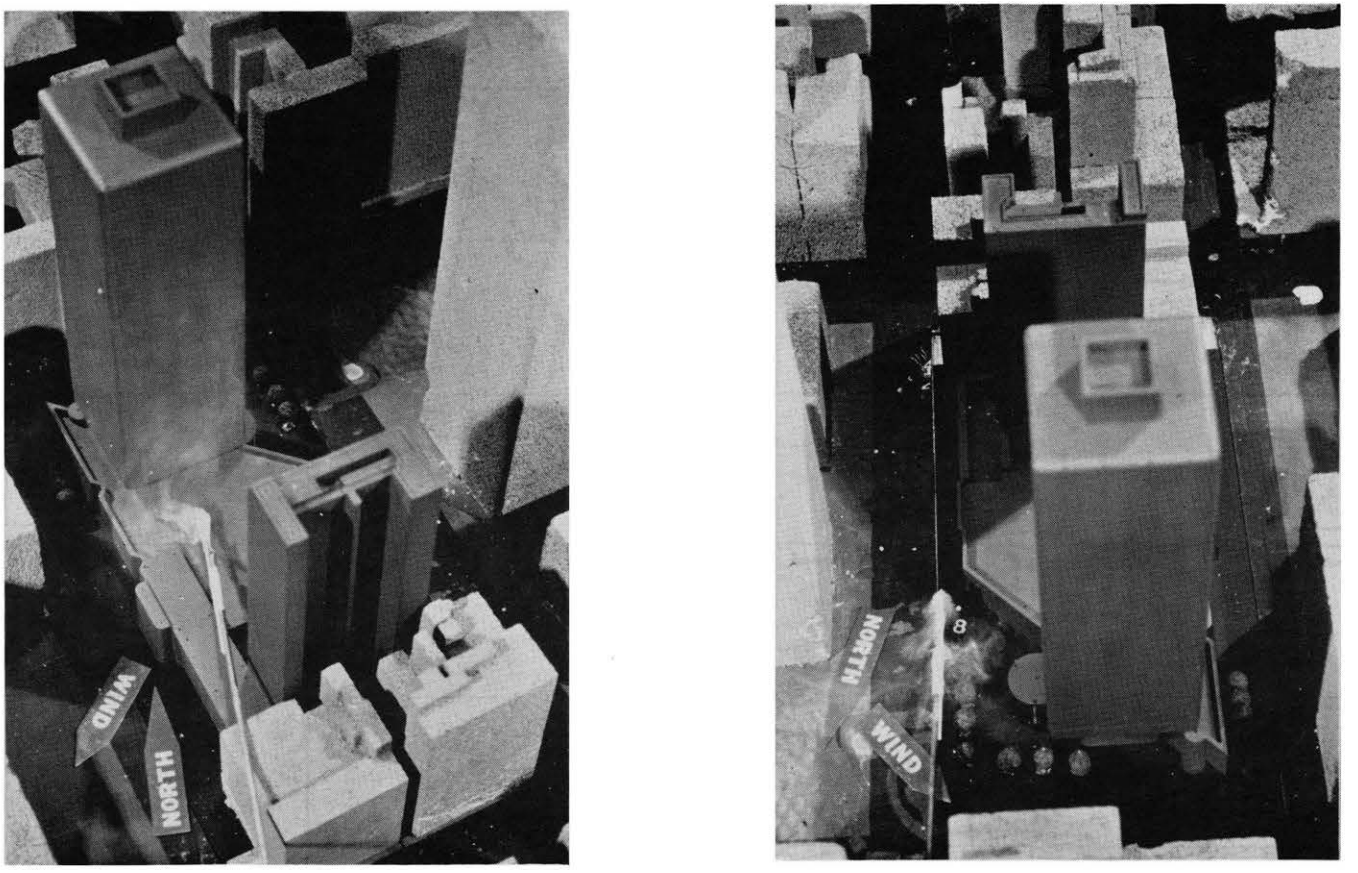


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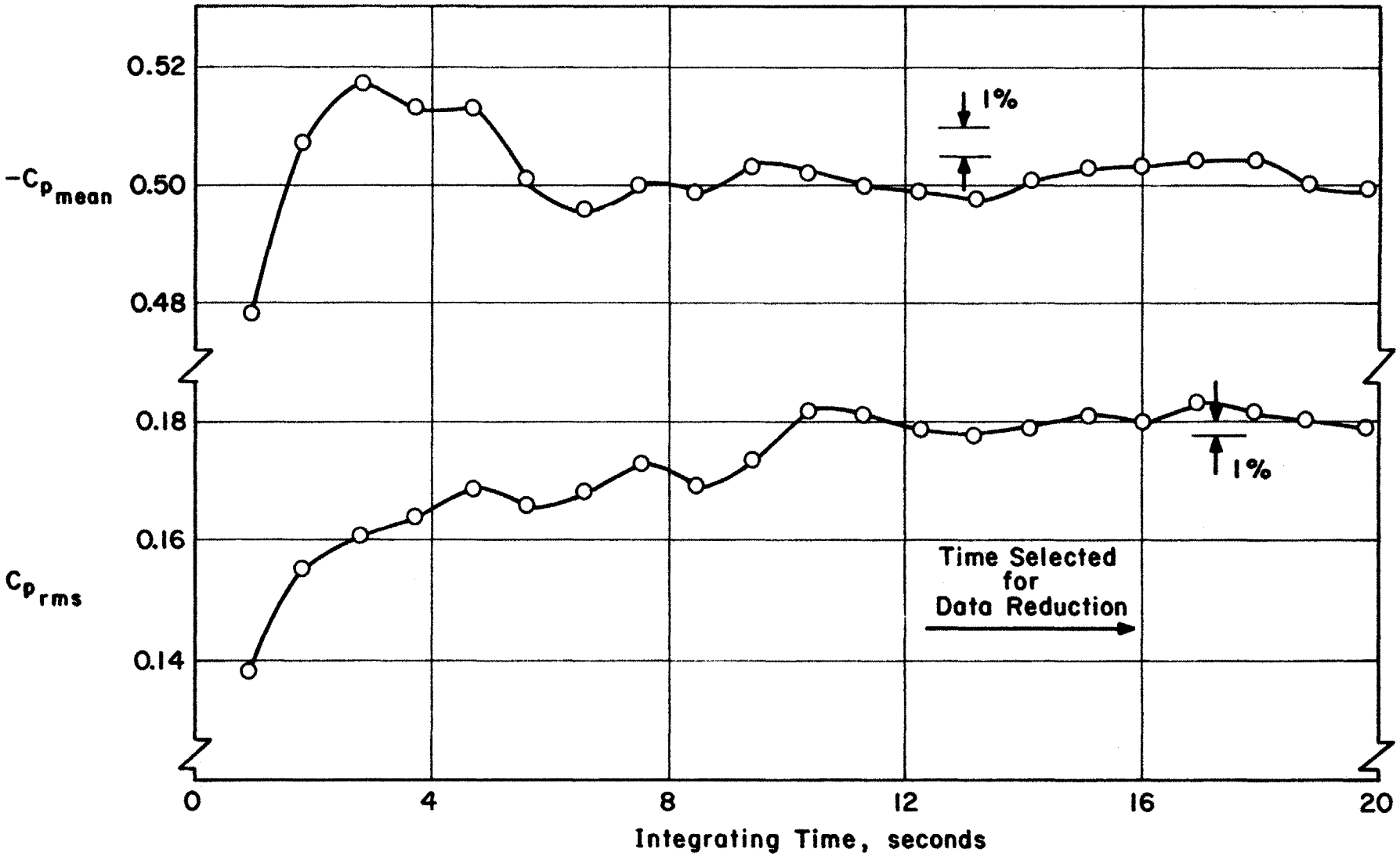


Figure 6. Data Sampling Time Verification

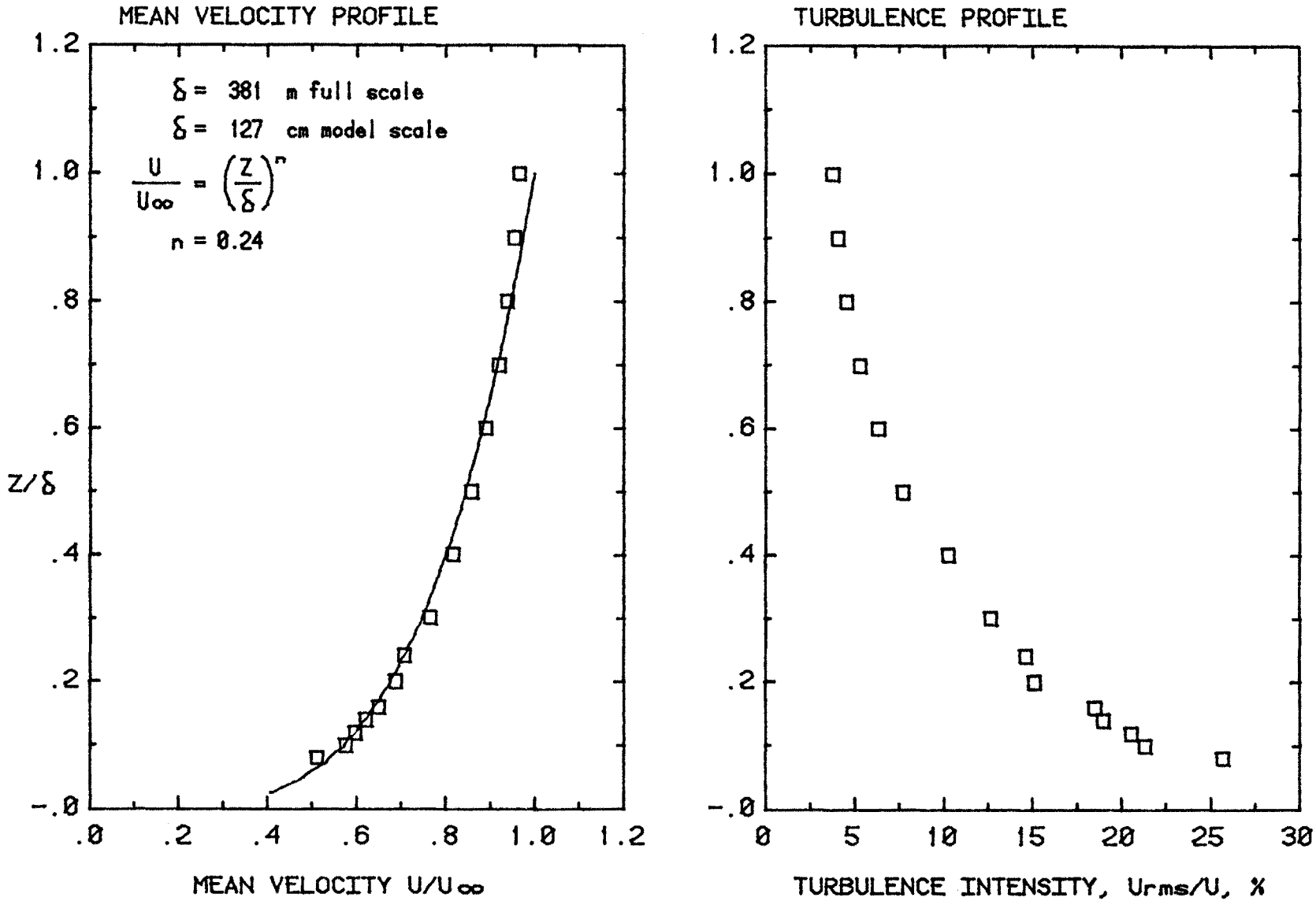


Figure 7. Mean Velocity and Turbulence Profiles Approaching the Model

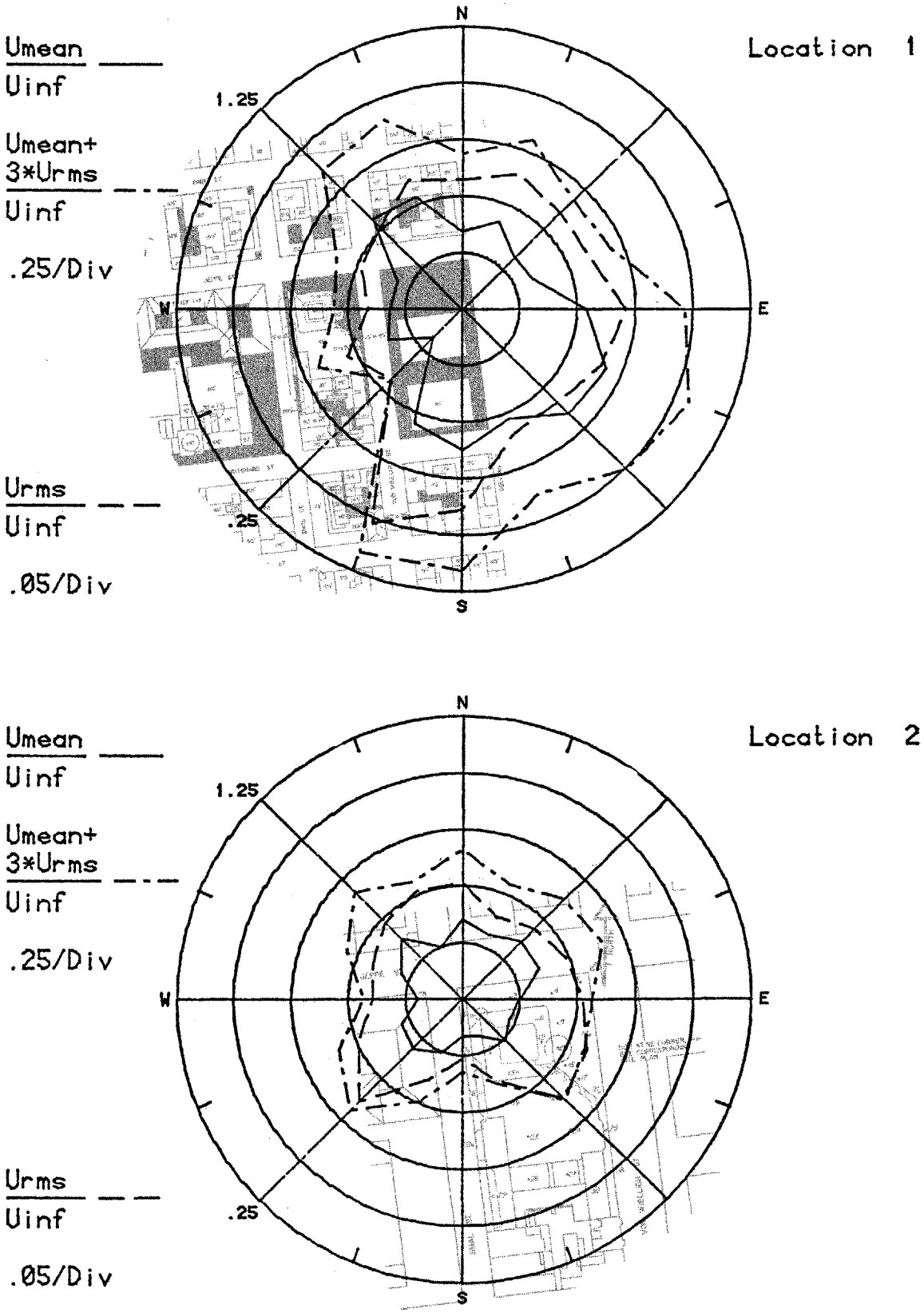


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

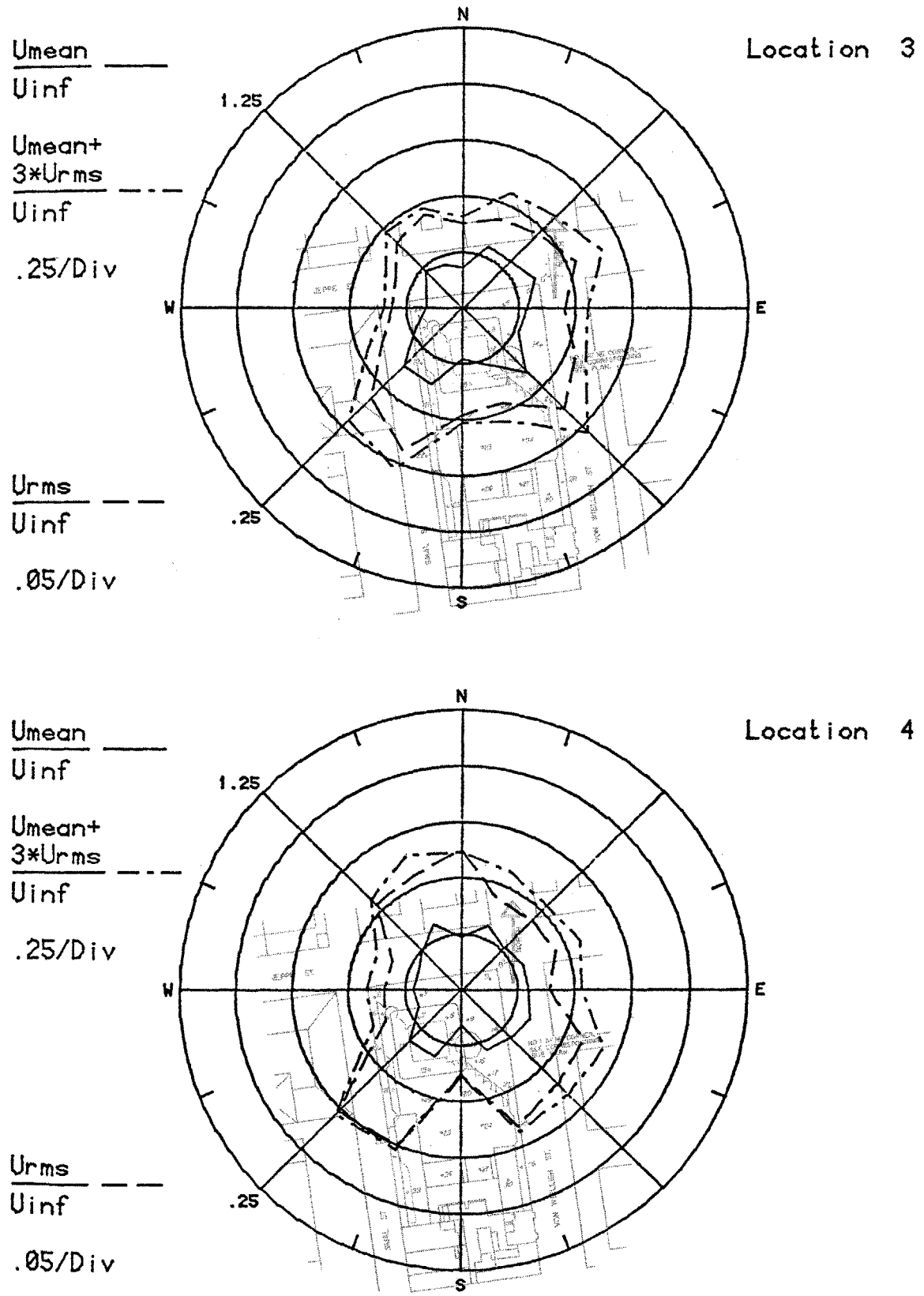


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

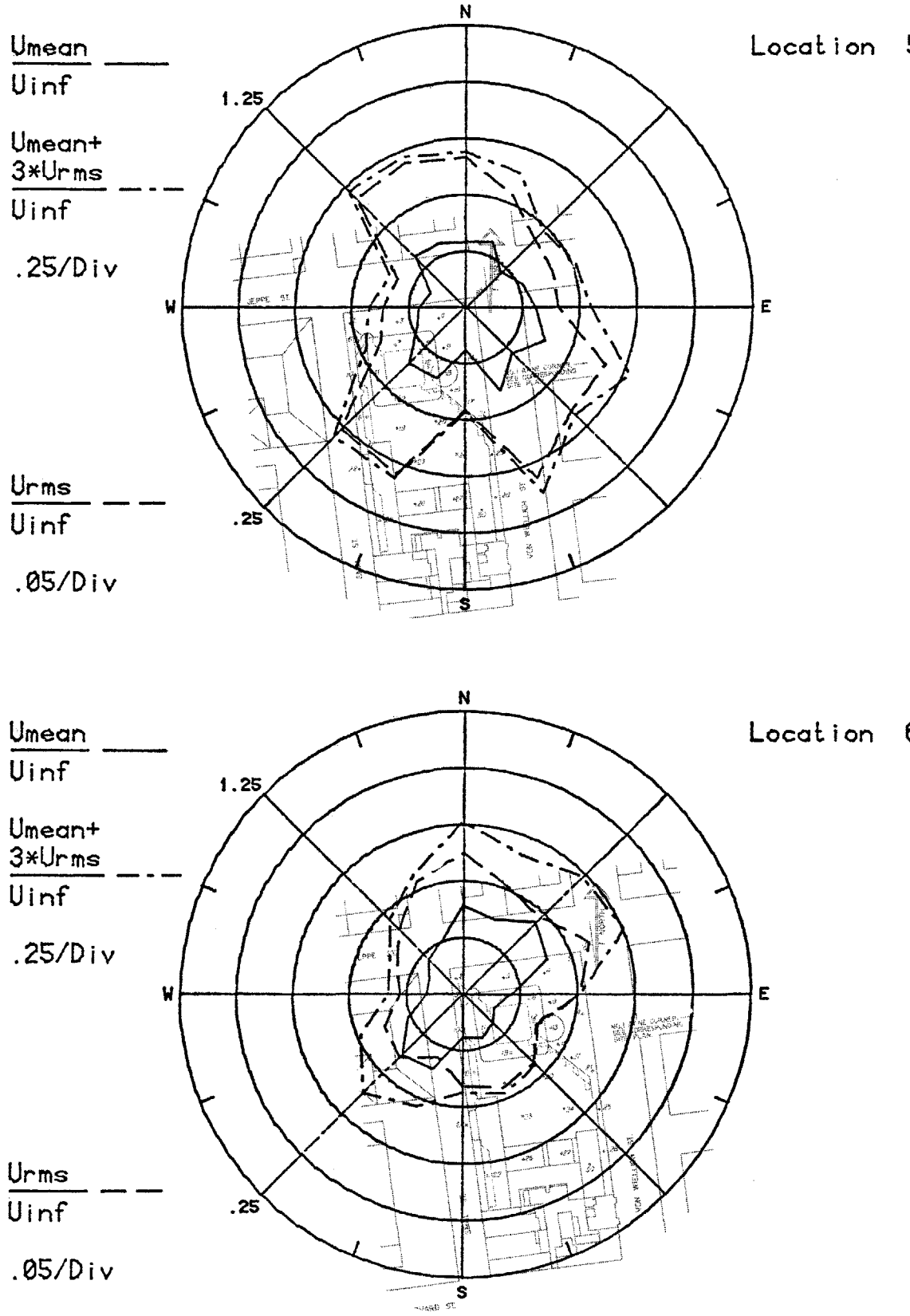


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

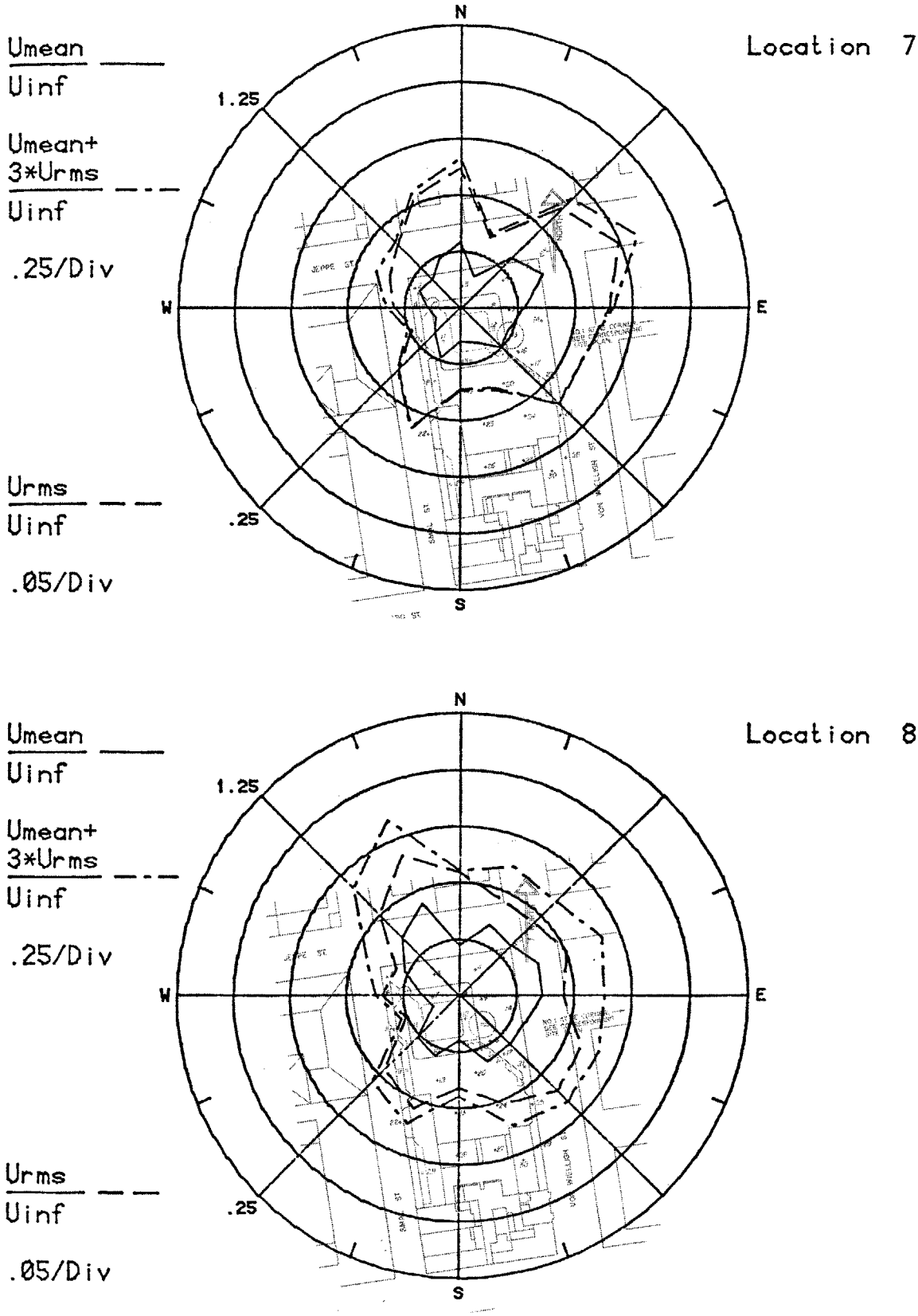


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

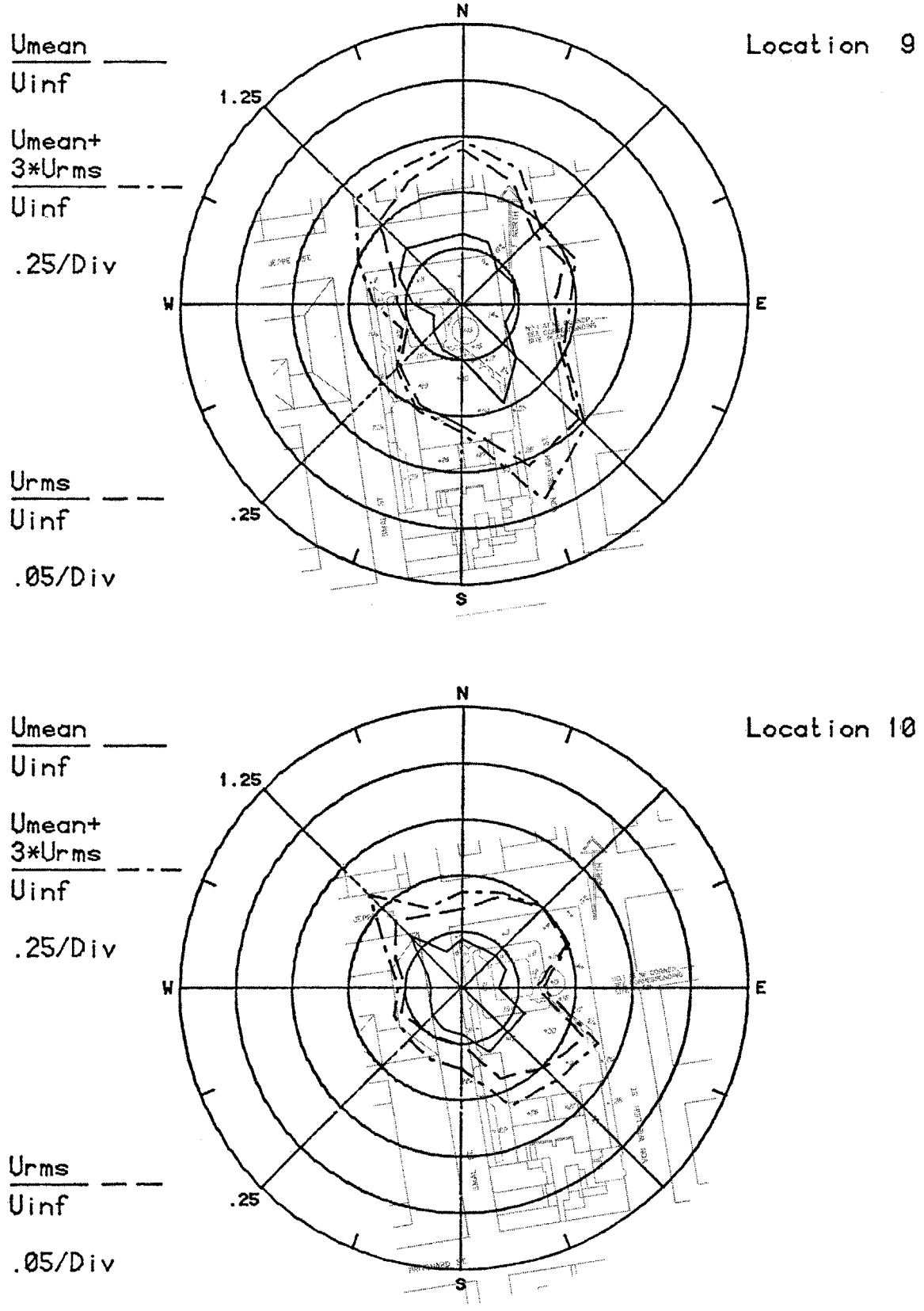


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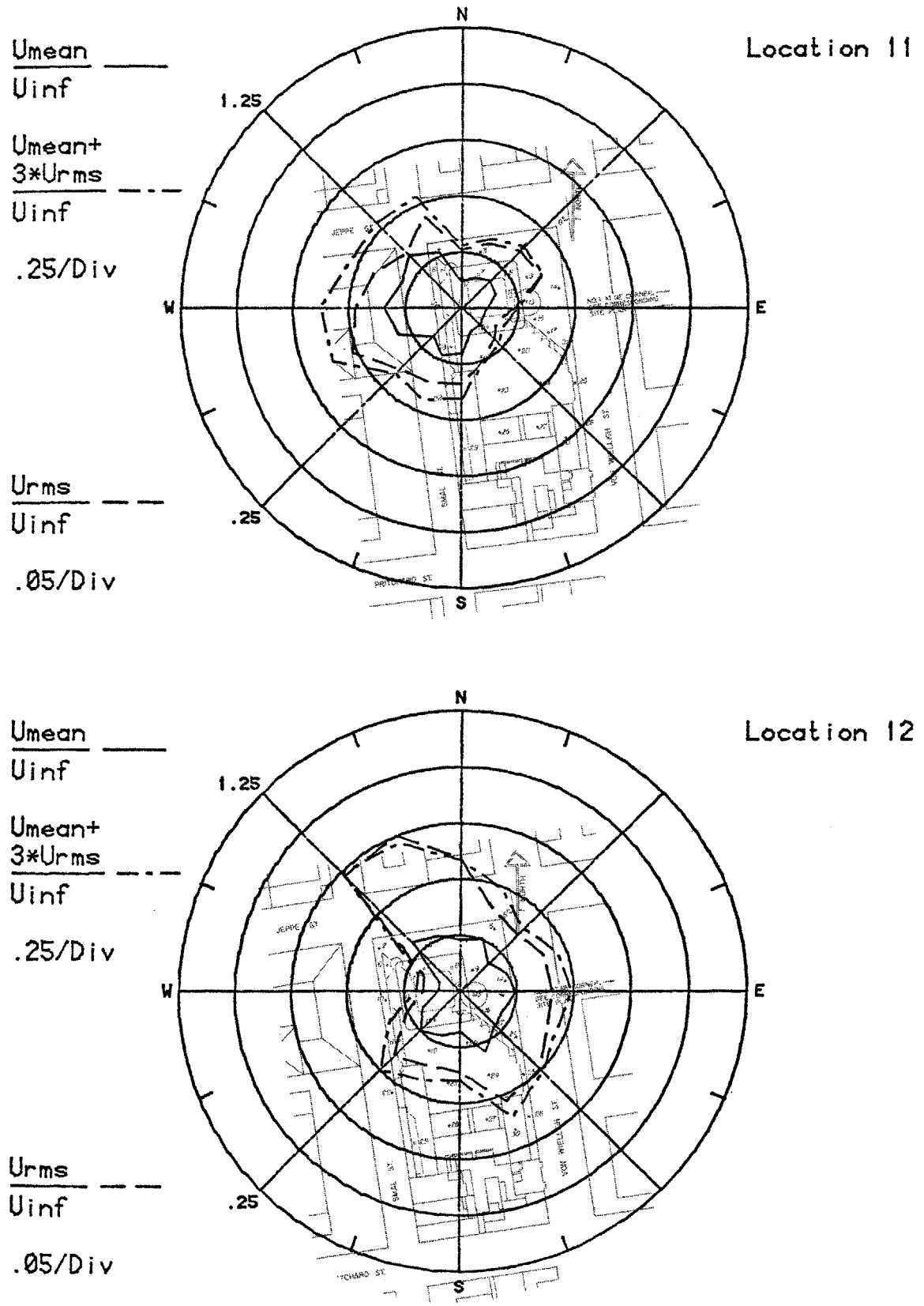


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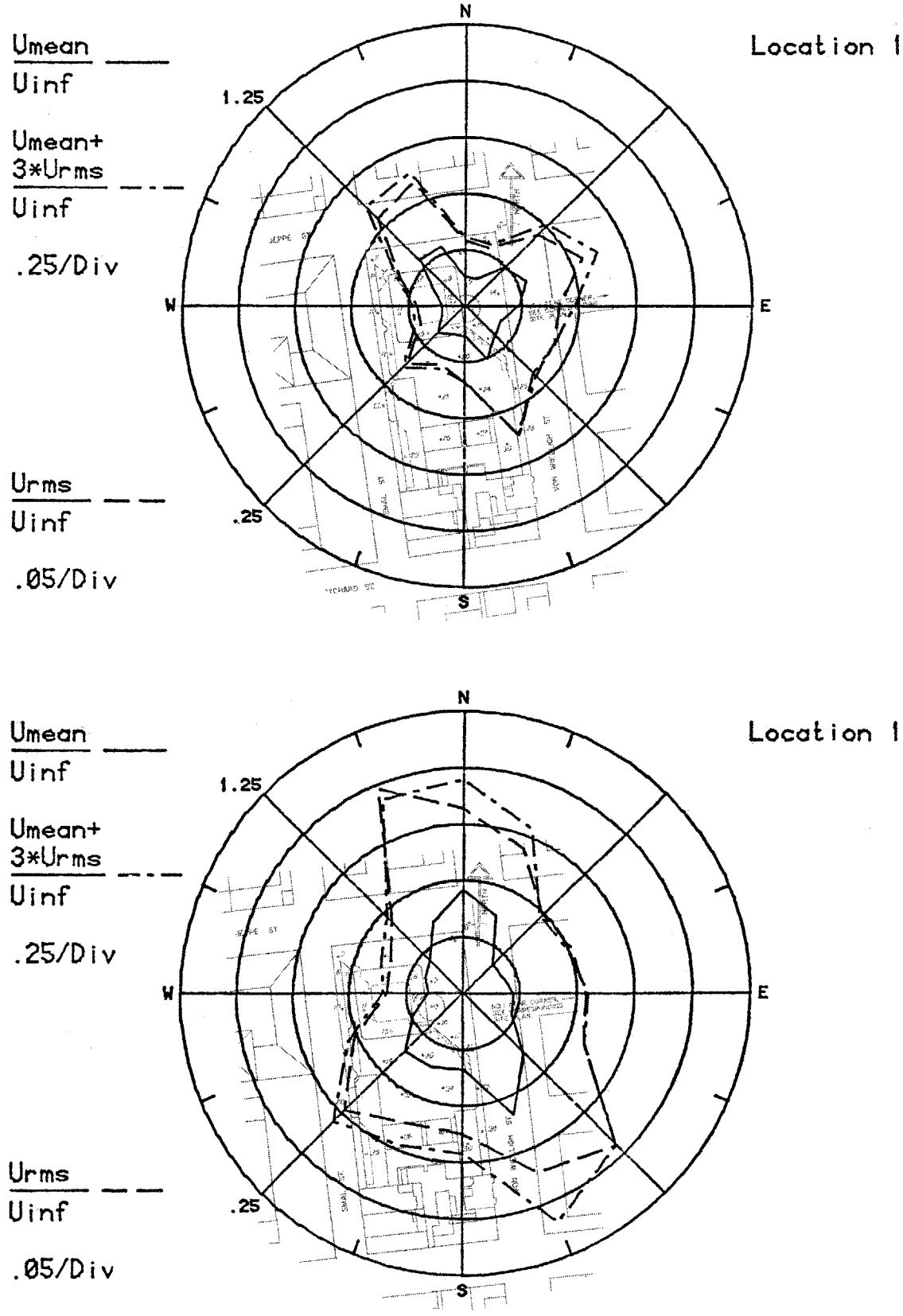


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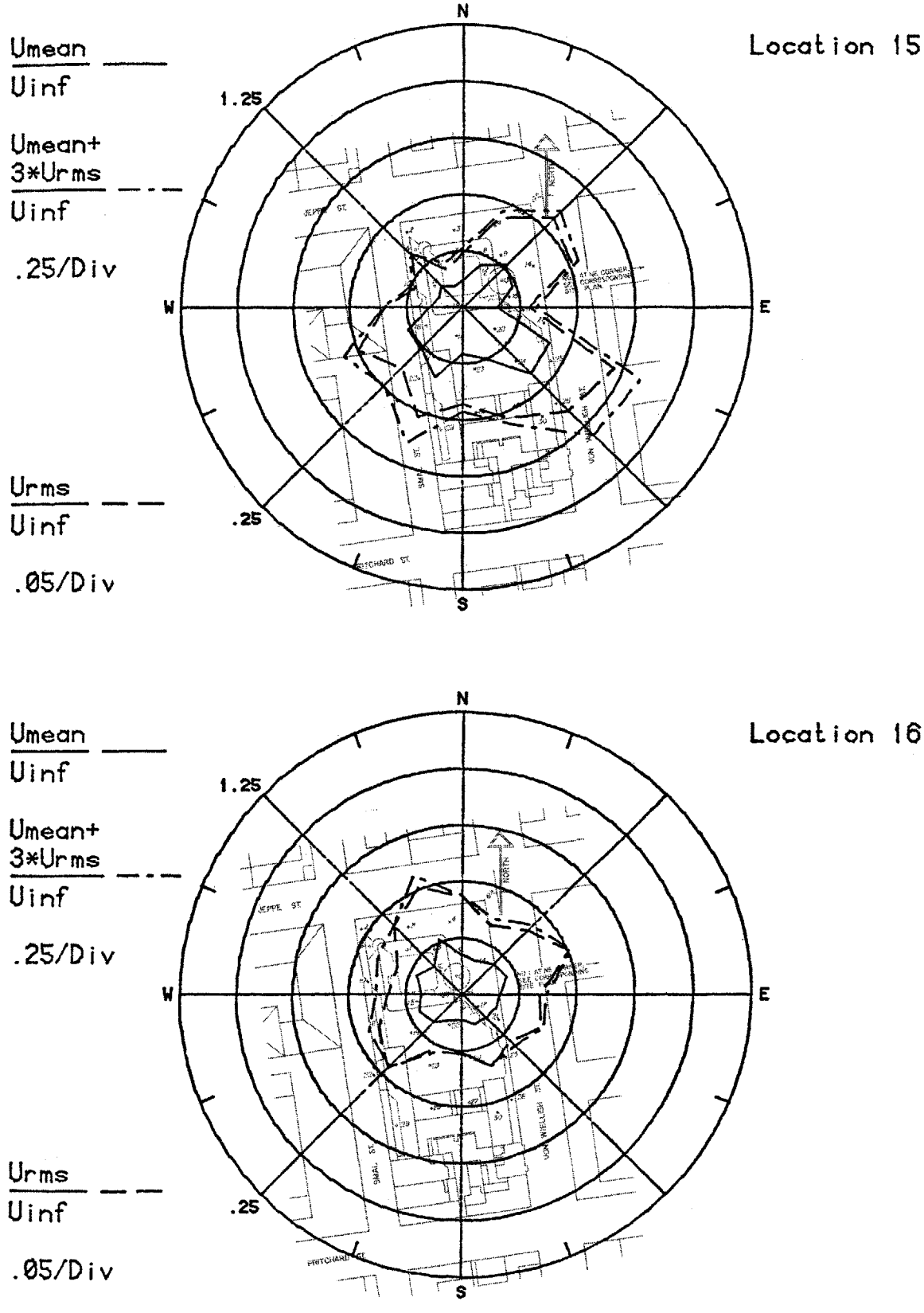


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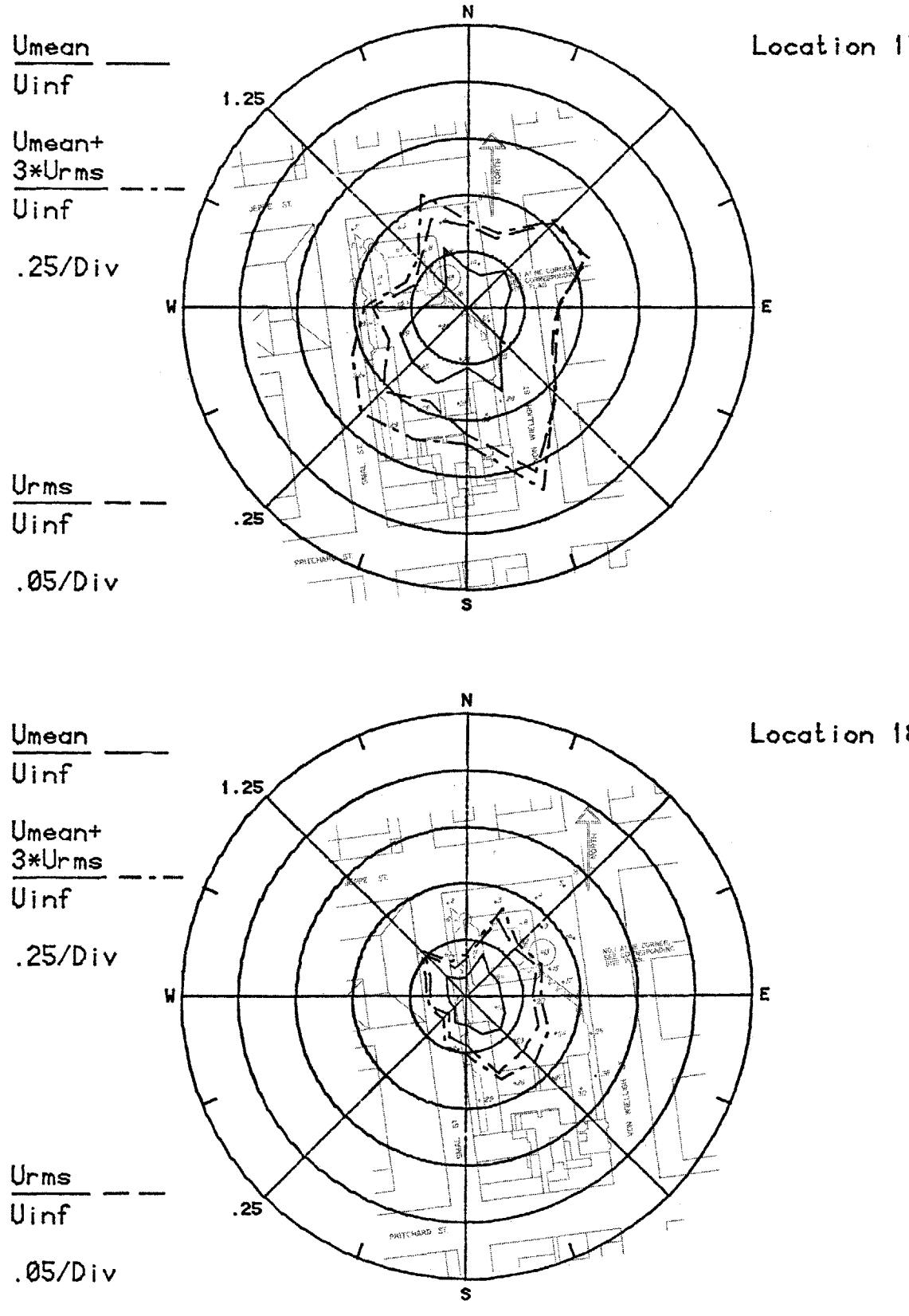


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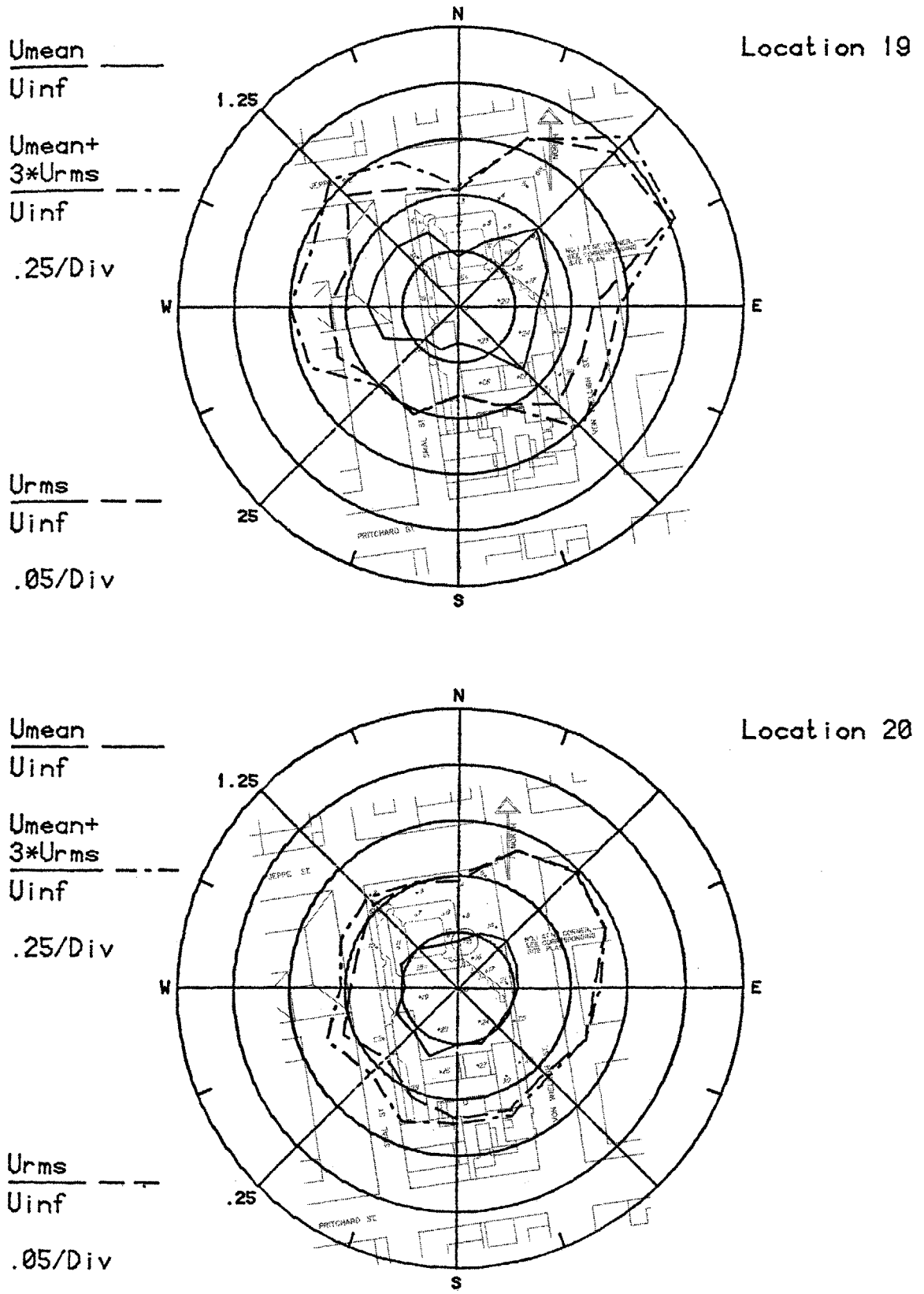


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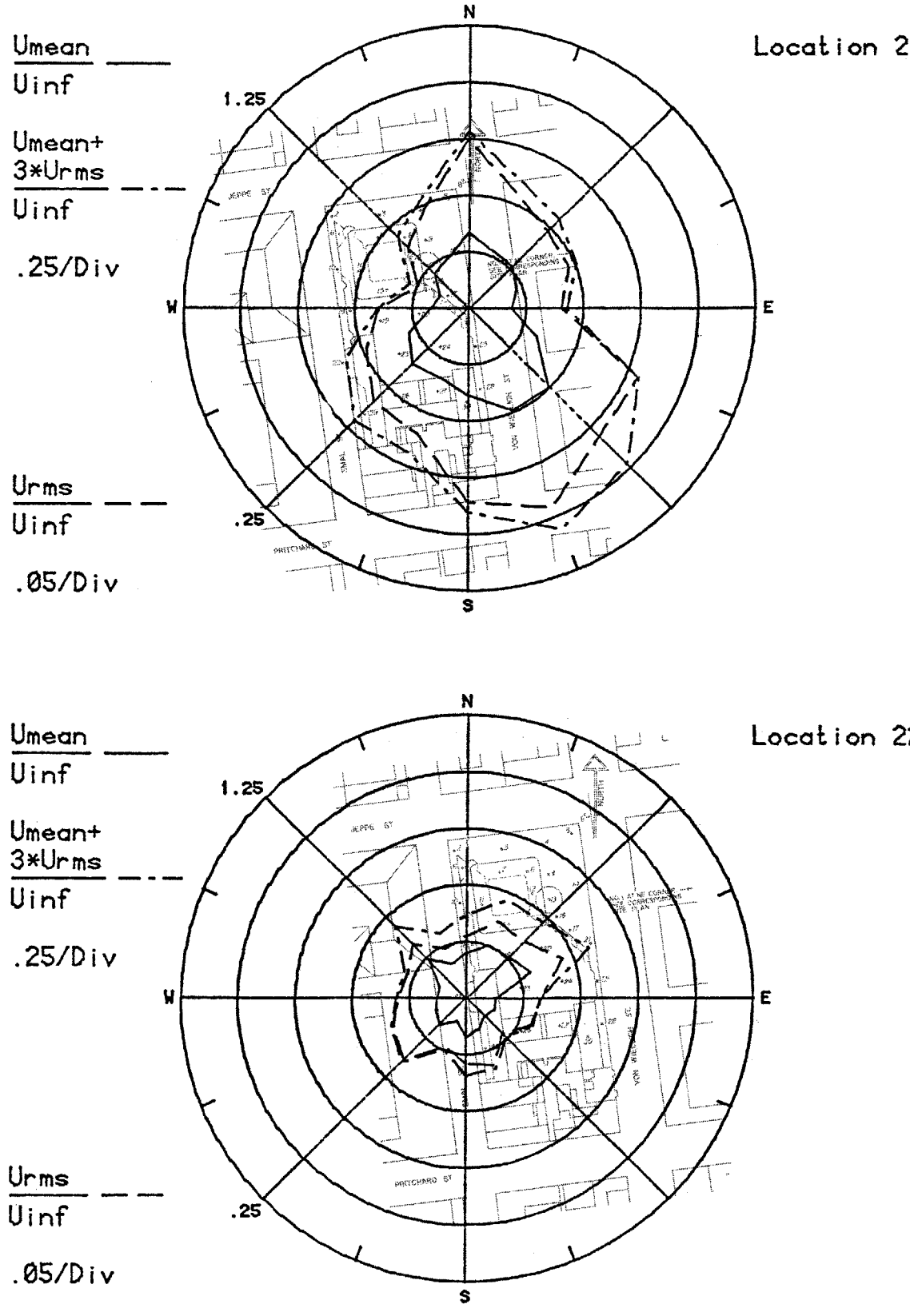


Figure 8k. Mean Velocities and Turbulence Intensities at Pedestrian Locations 21 and 22

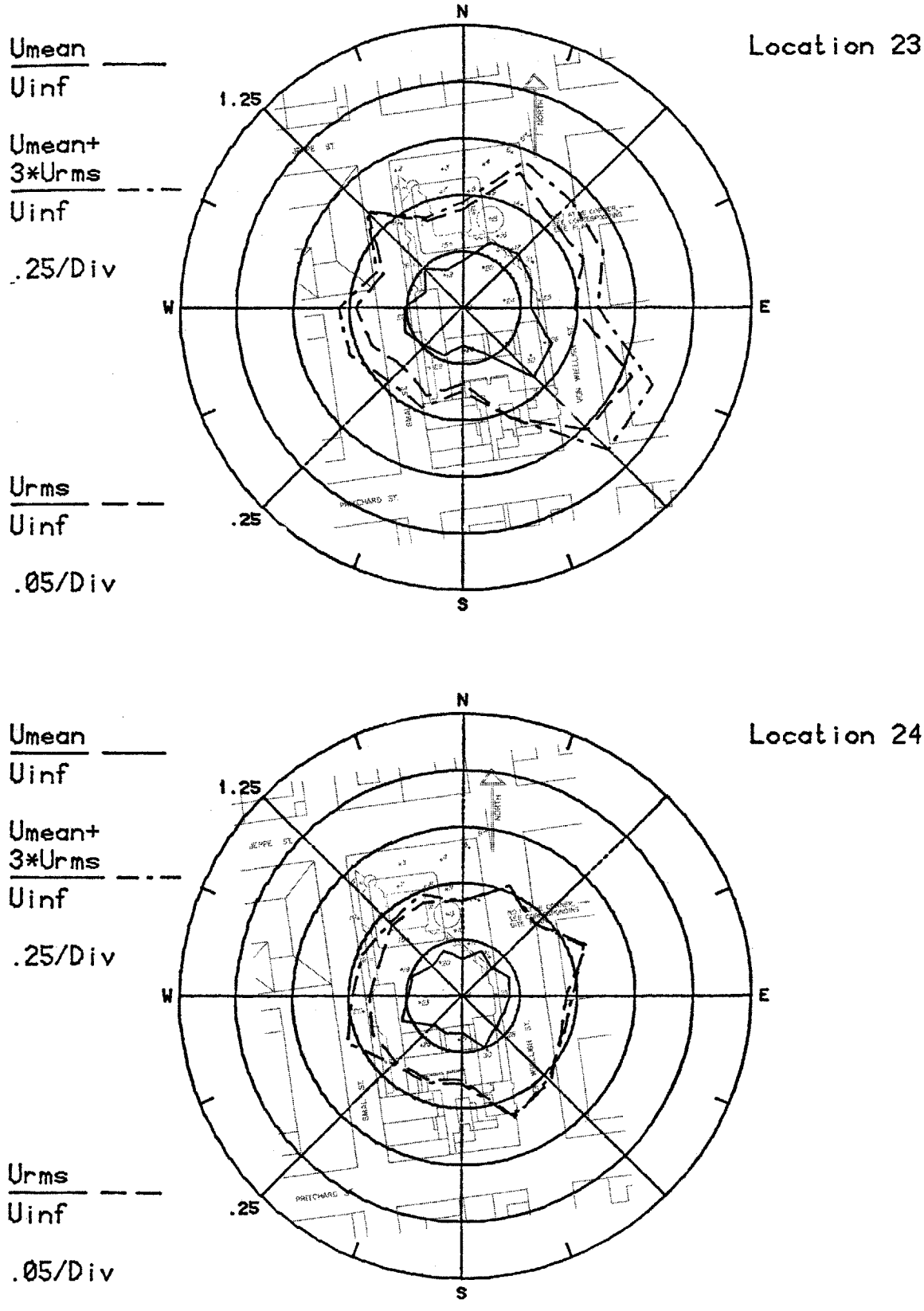


Figure 81. Mean Velocities and Turbulence Intensities at Pedestrian Locations 23 and 24

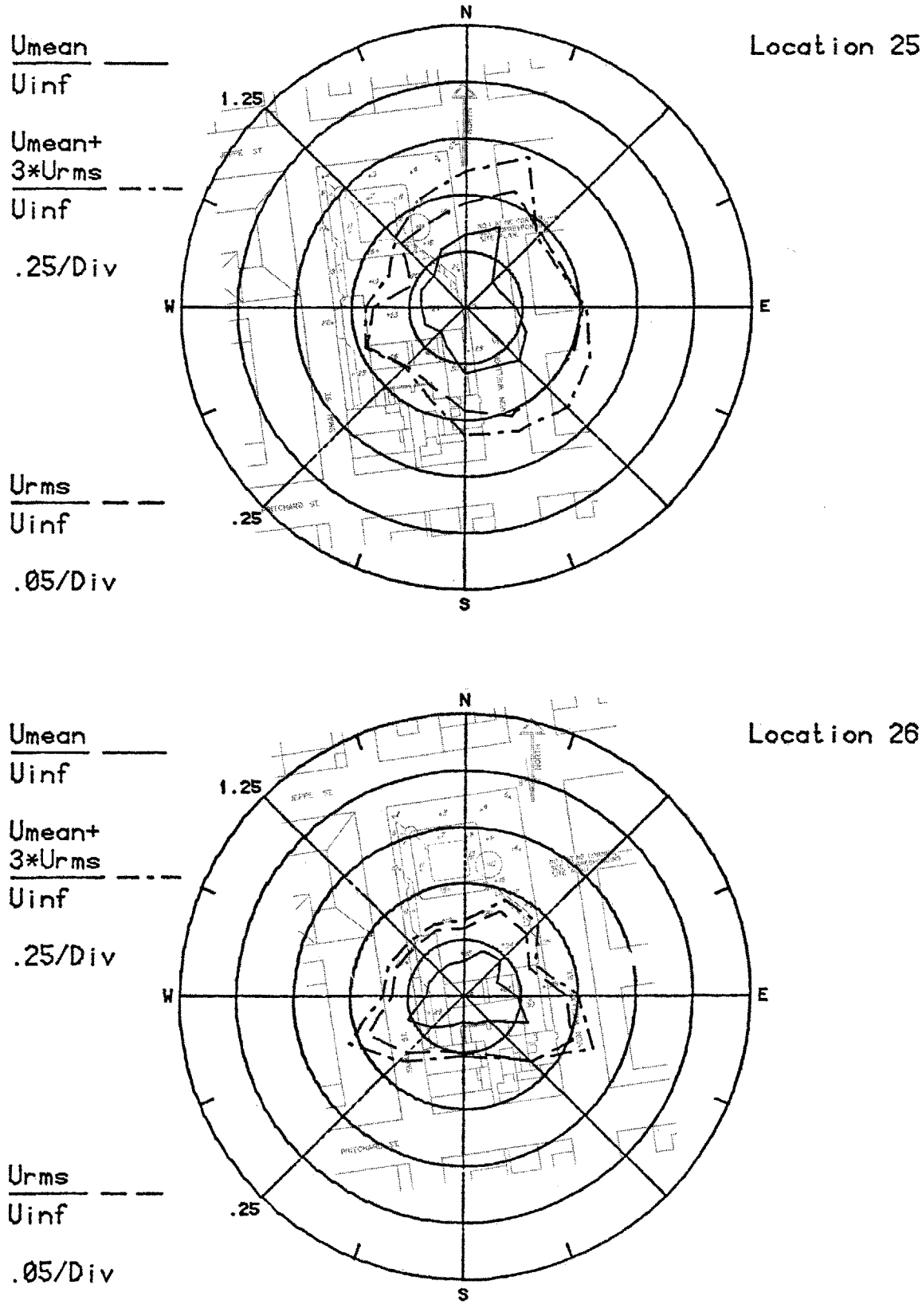


Figure 8m. Mean Velocities and Turbulence Intensities at Pedestrian Locations 25 and 26

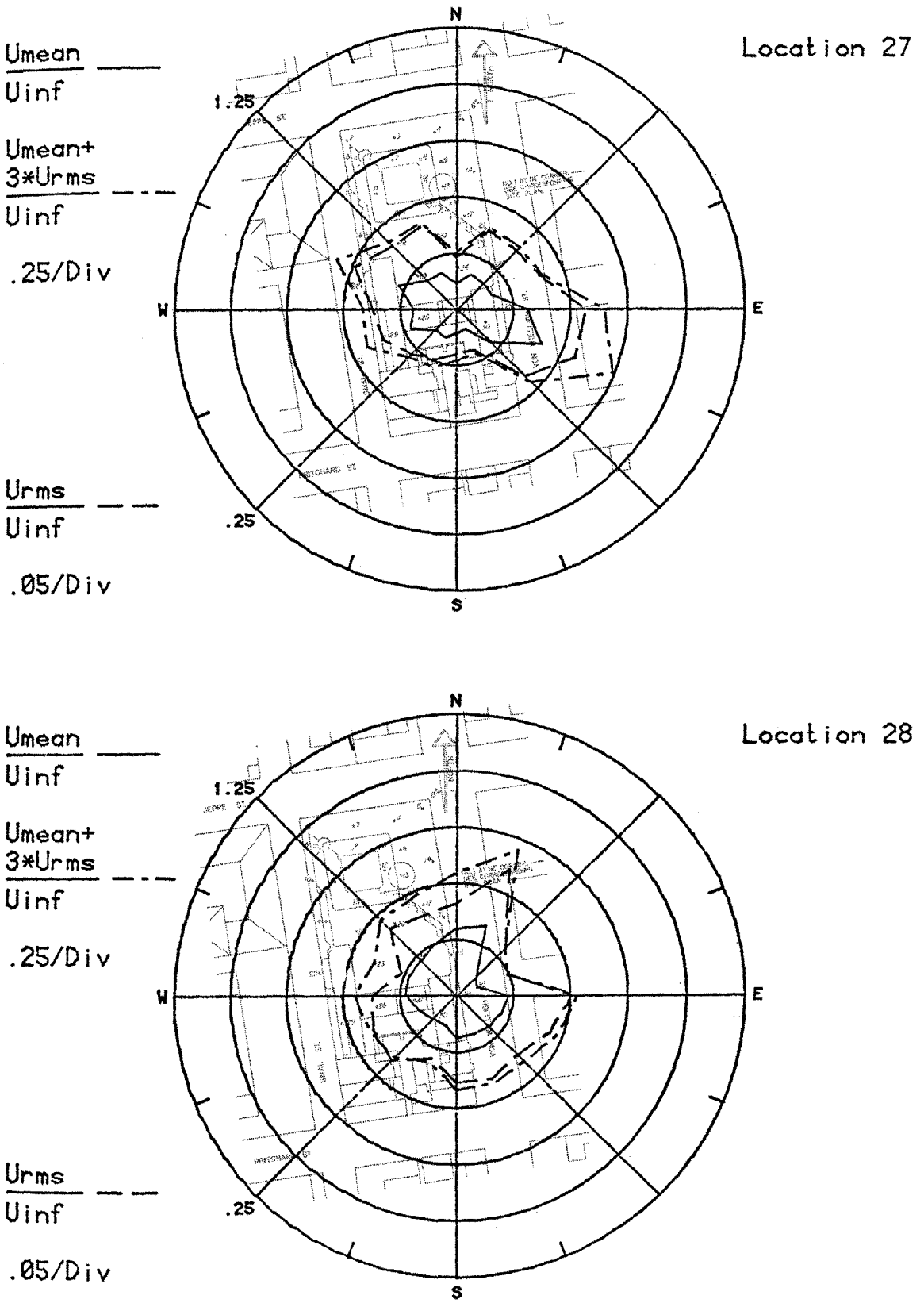
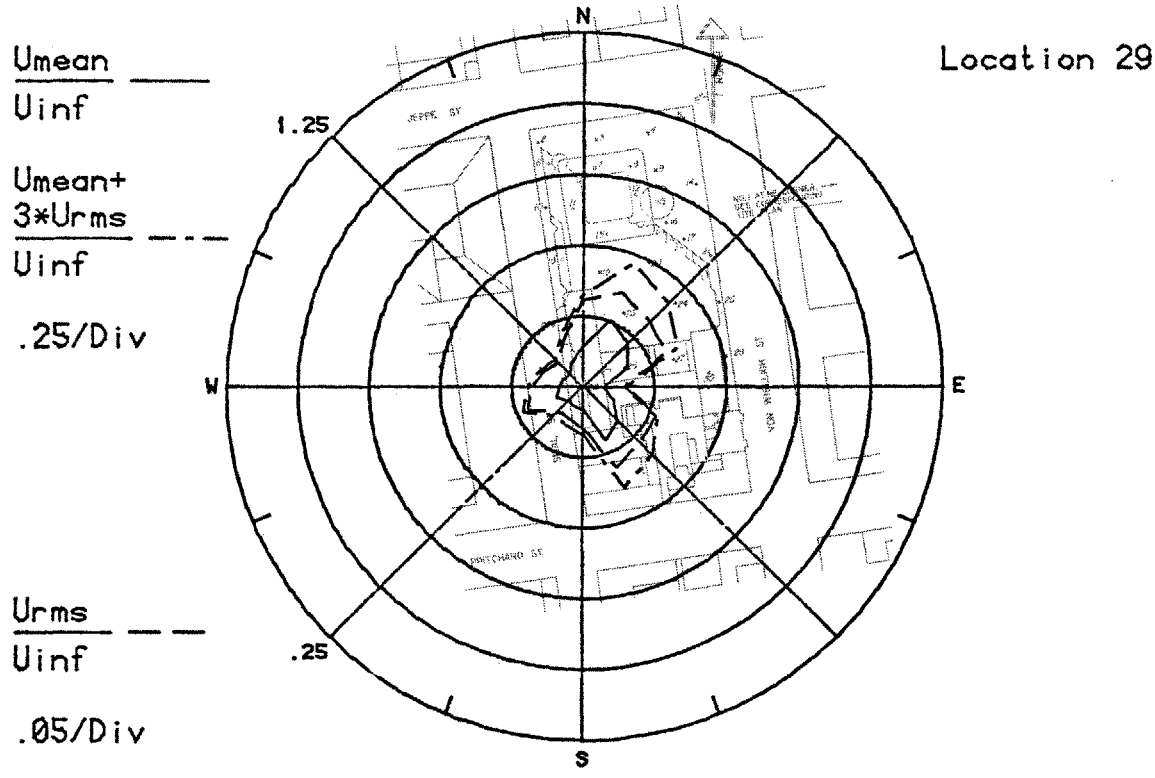


Figure 8n. Mean Velocities and Turbulence Intensities at Pedestrian Locations 27 and 28



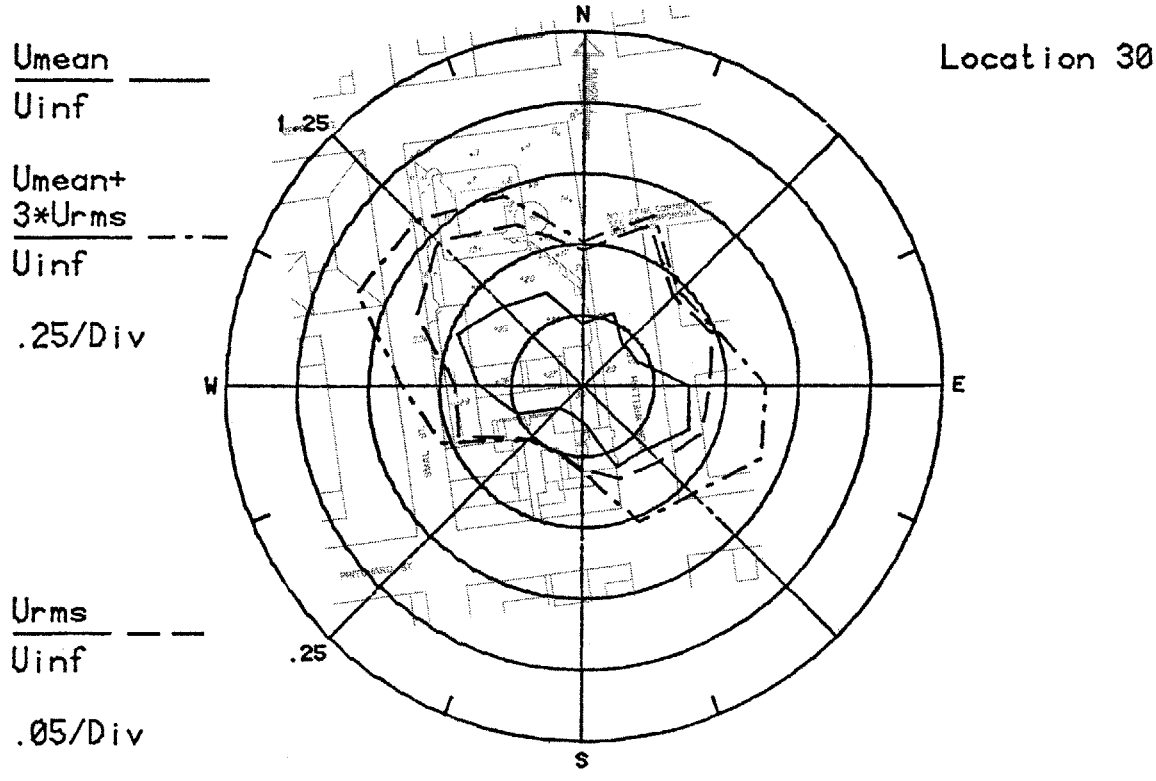
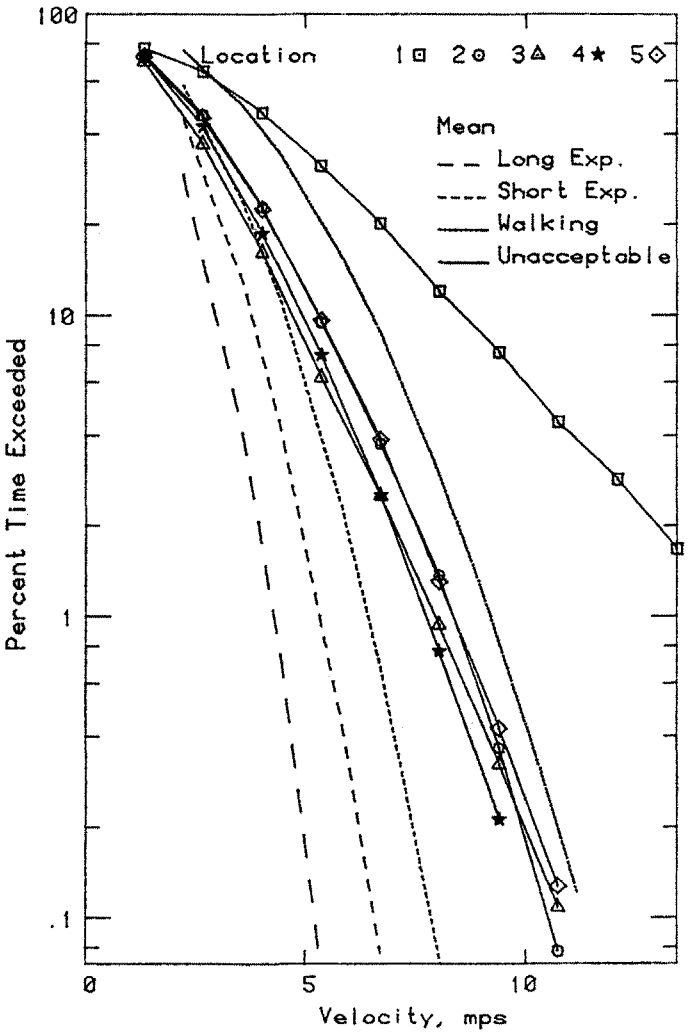


Figure 8o. Mean Velocities and Turbulence Intensities at Pedestrian Locations 29 and 30



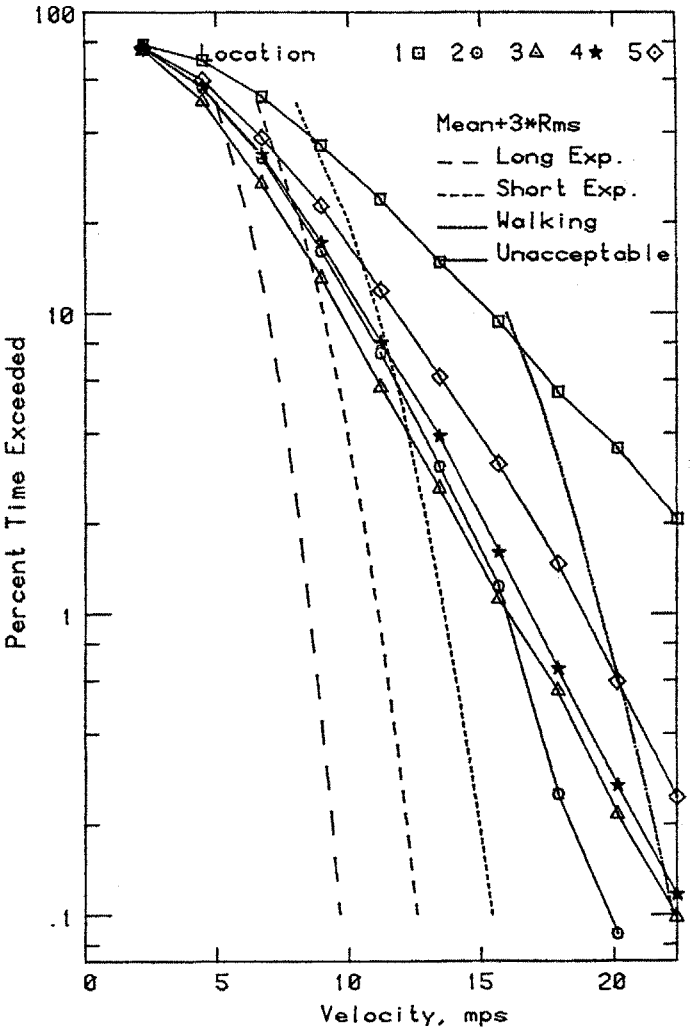


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

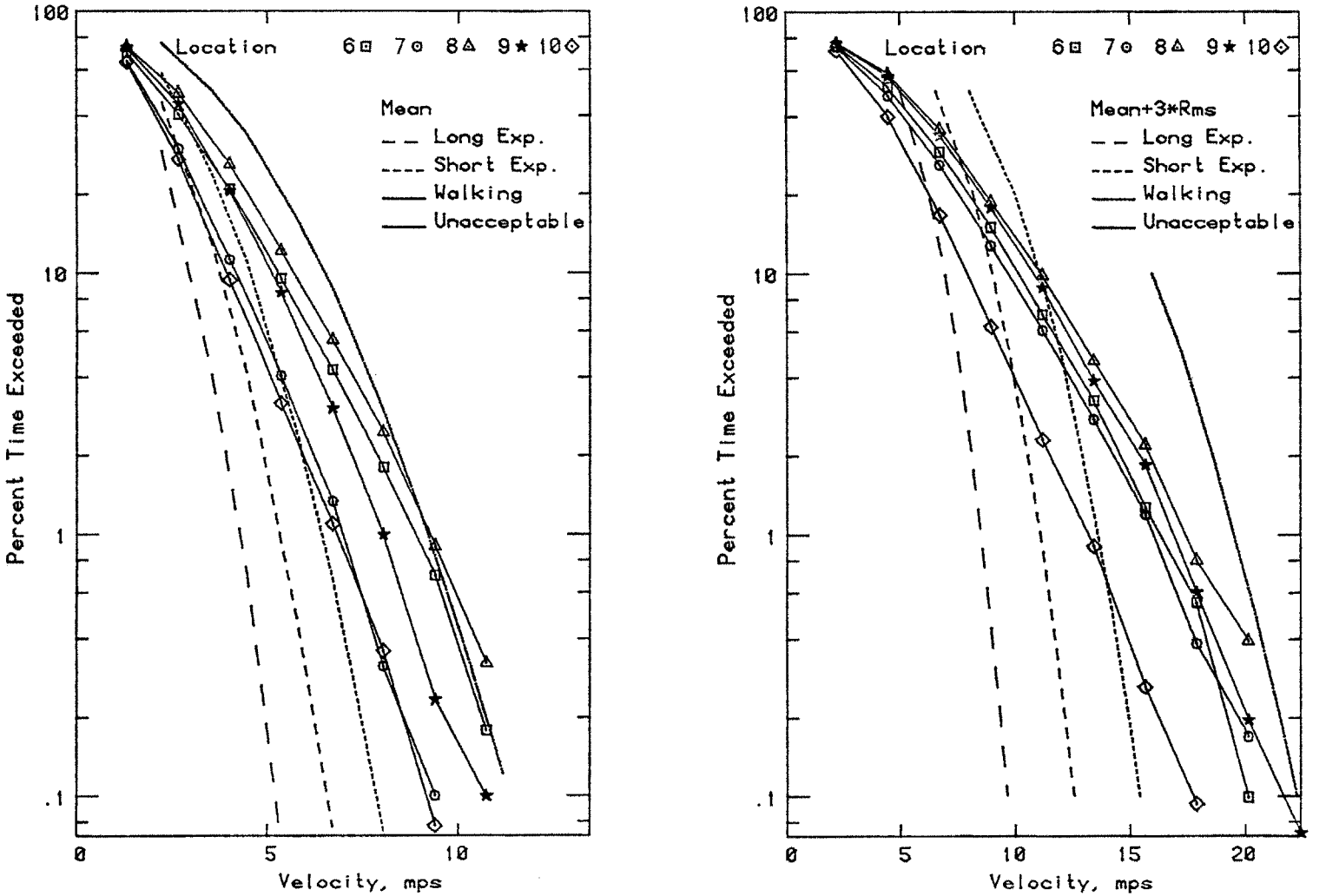


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

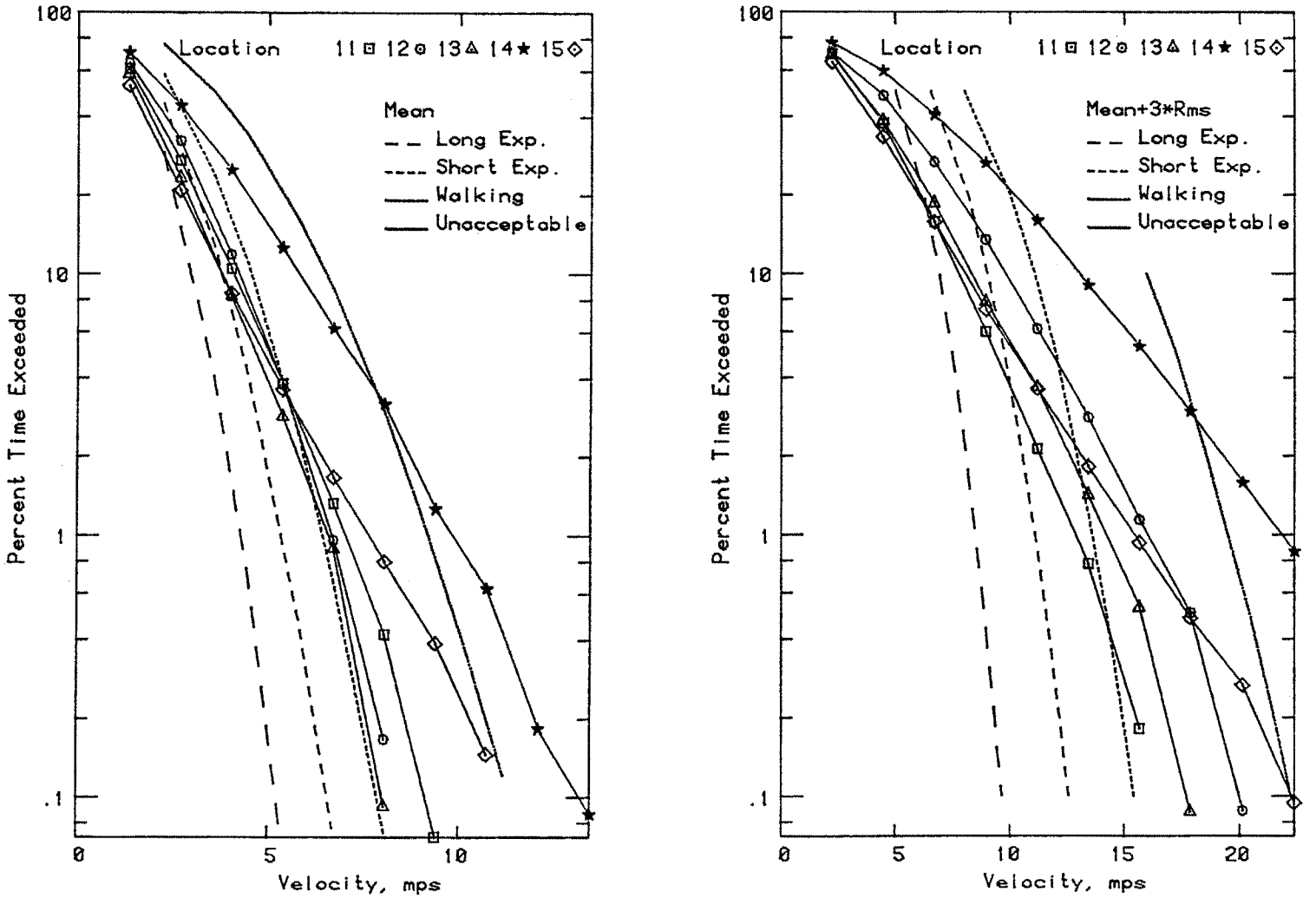


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

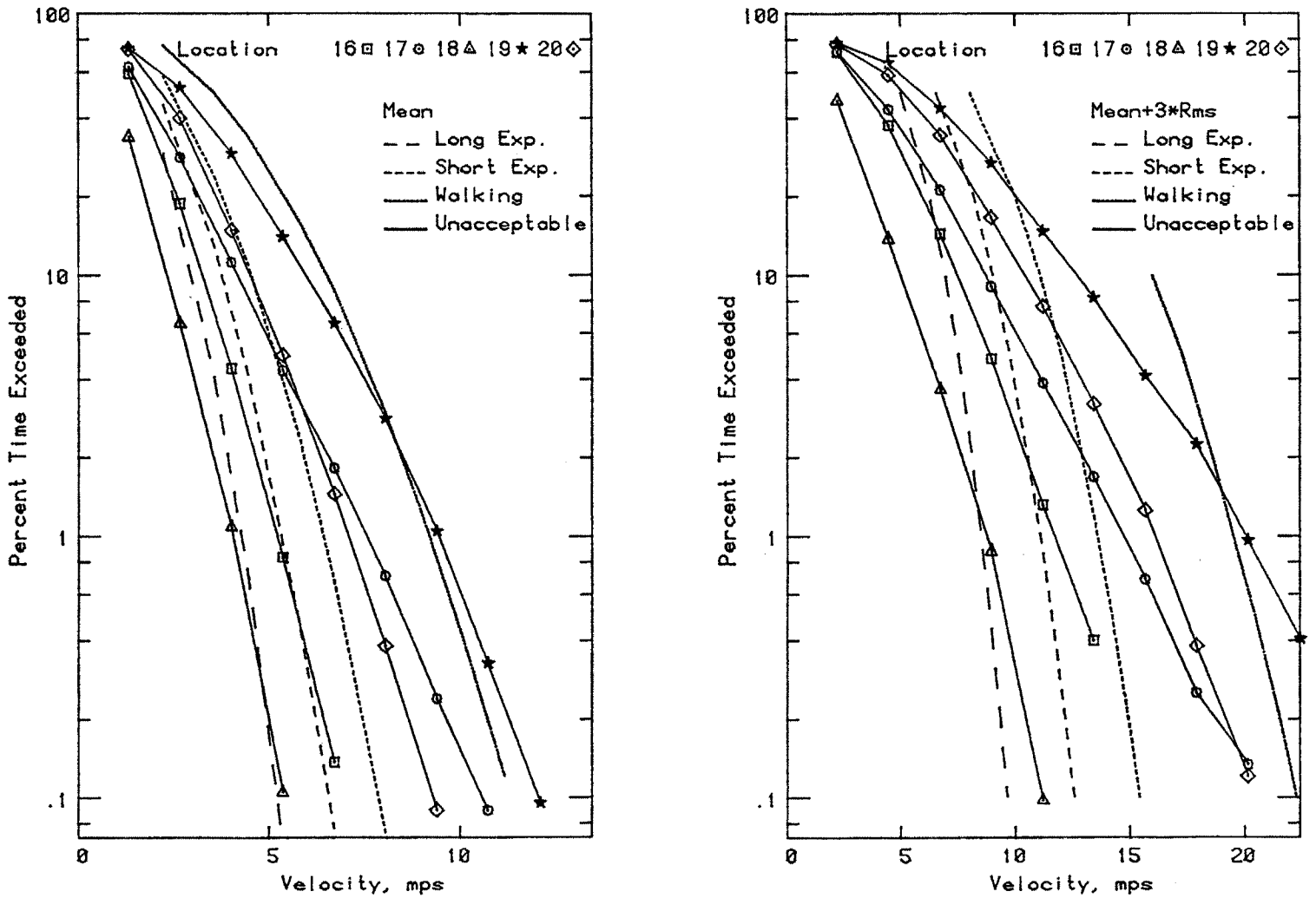


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

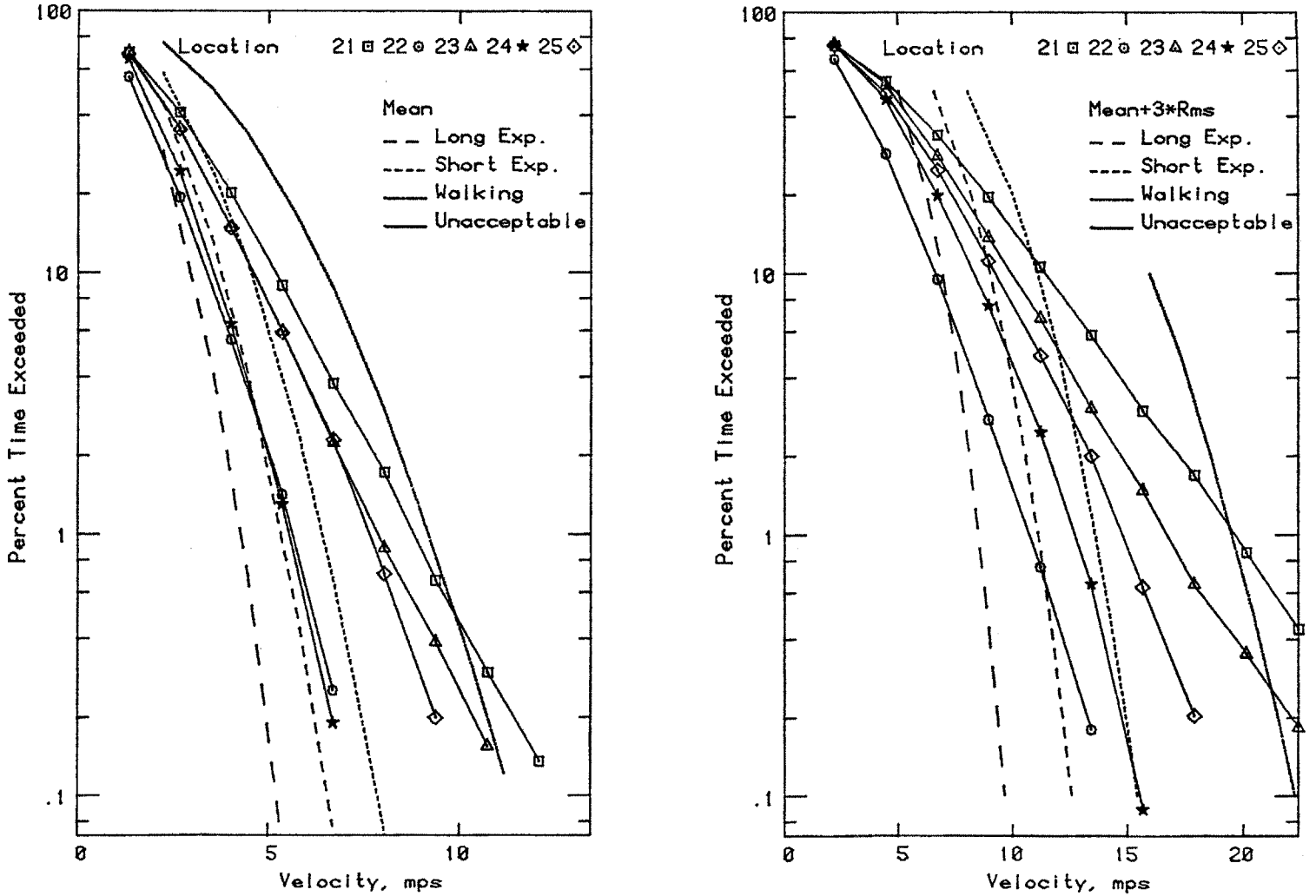
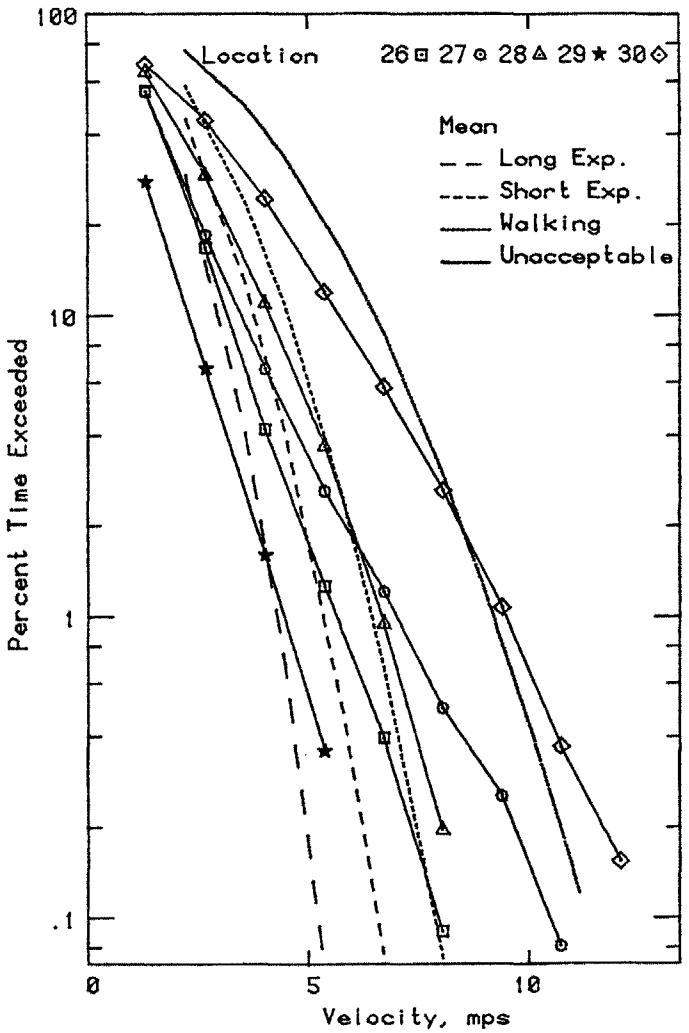


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations



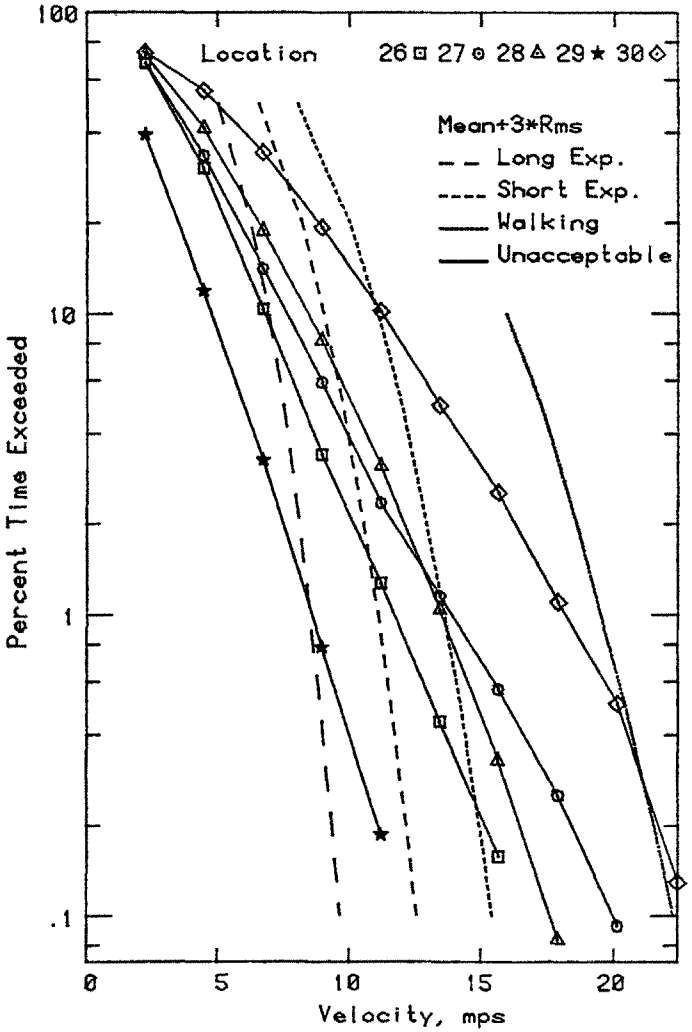


Figure 9f. Wind Velocity Probabilities for Pedestrian Locations

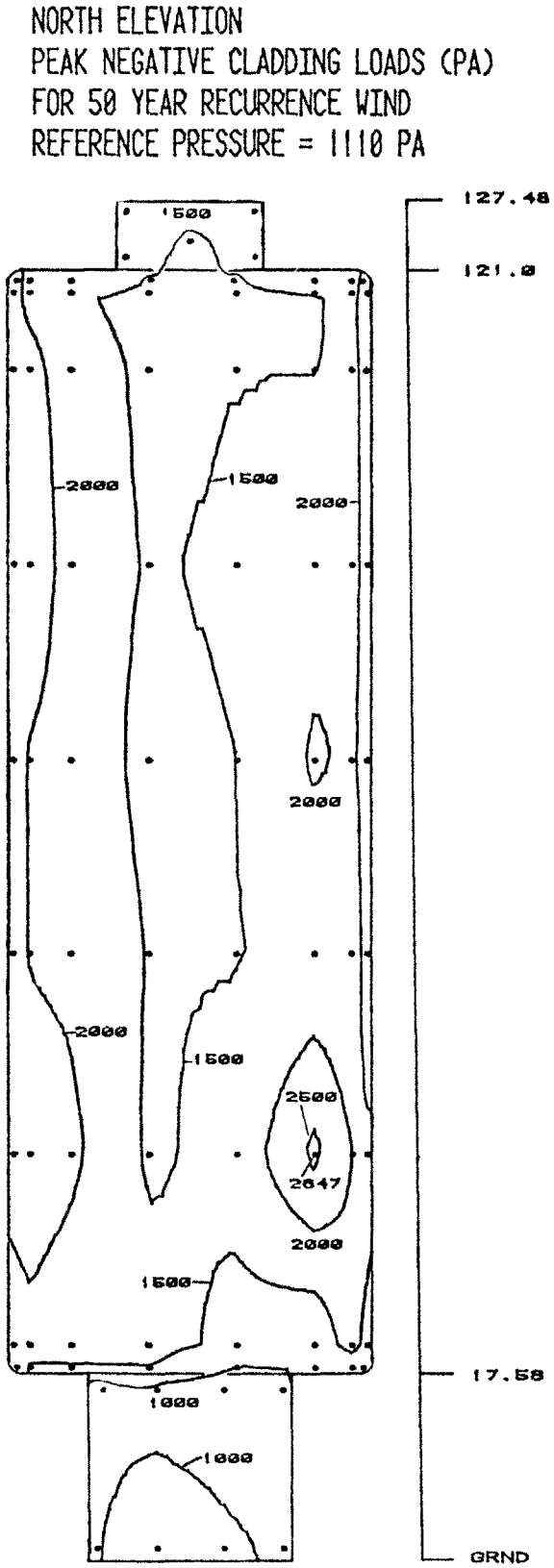


Figure 10a. Peak Pressure Contours on the Building for Cladding Loads

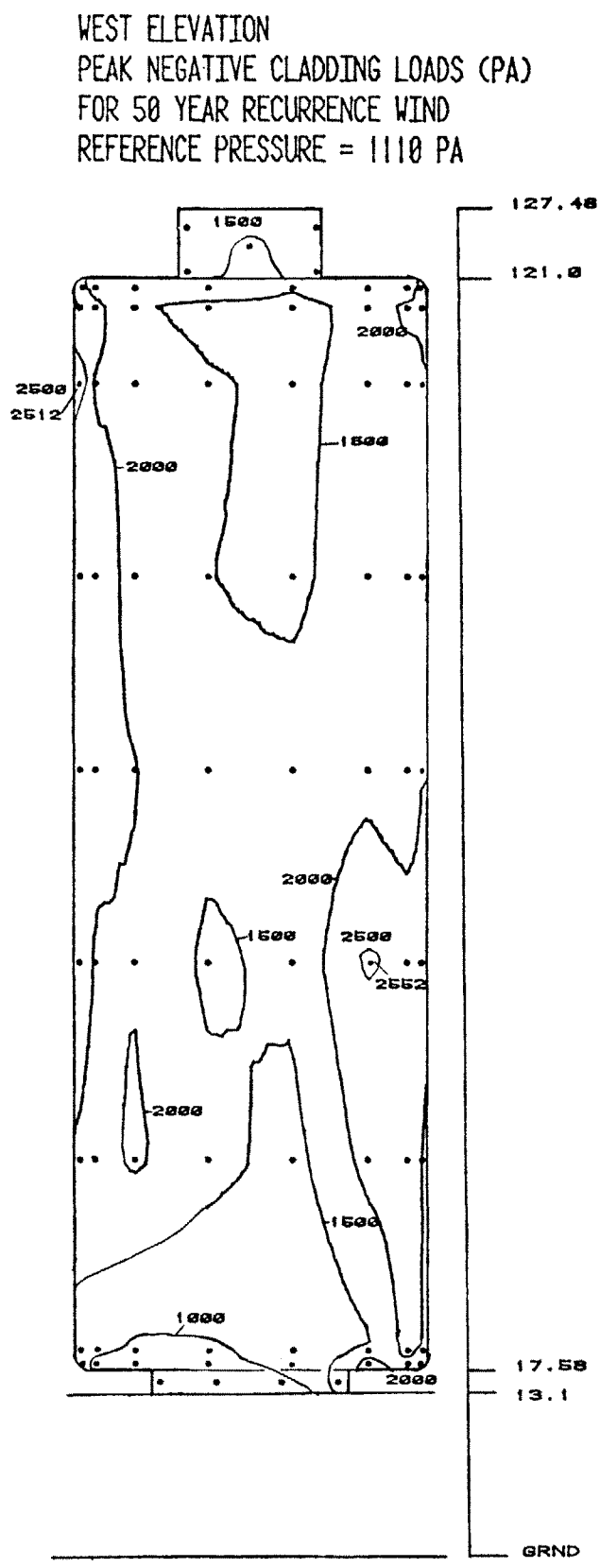


Figure 10b. Peak Pressure Contours on the Building for Cladding Loads

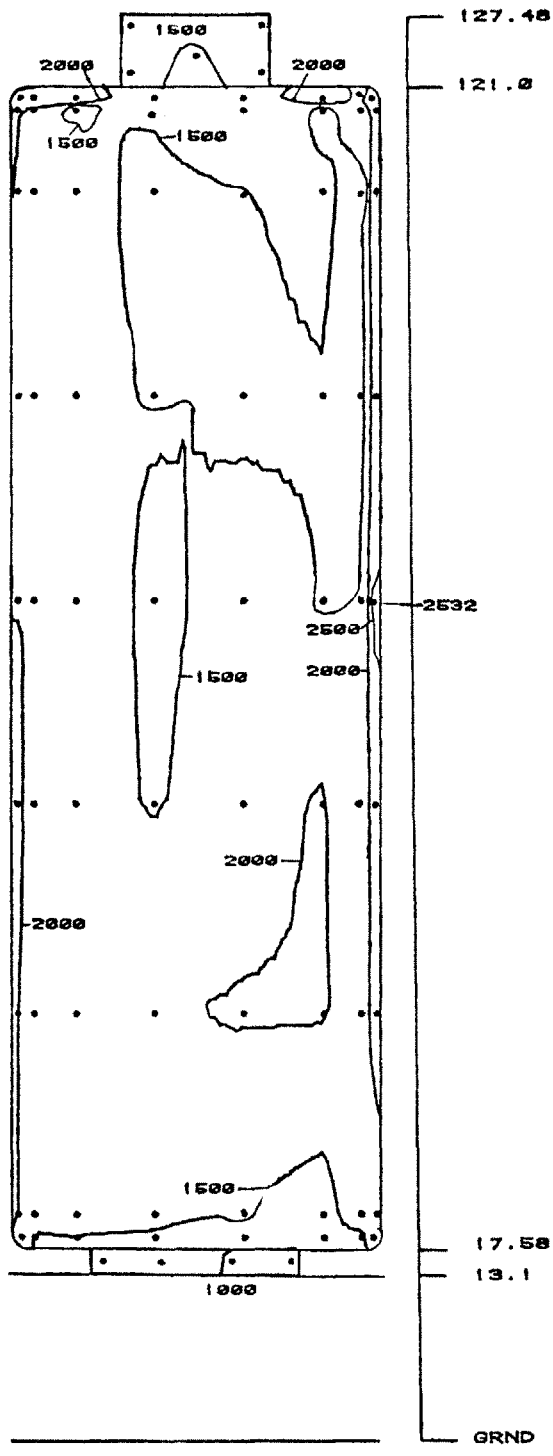


Figure 10c. Peak Pressure Contours on the Building for Cladding Loads

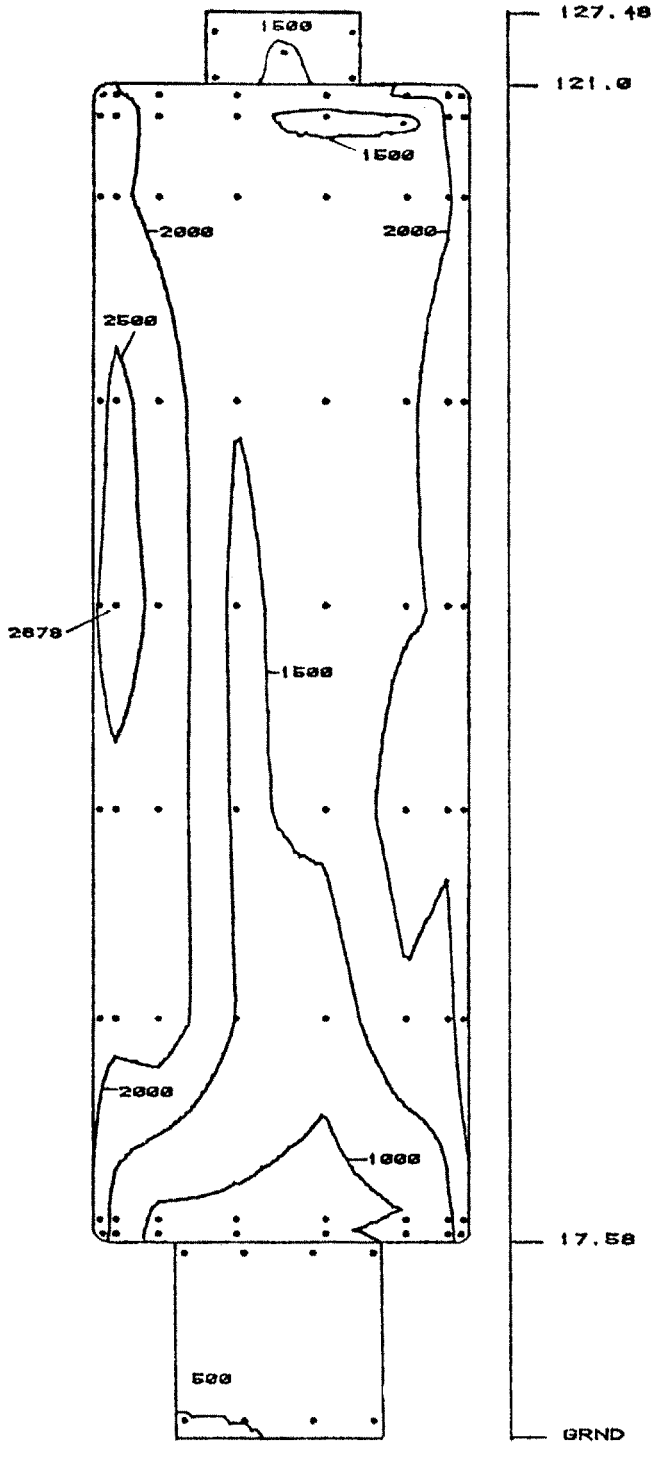


Figure 10d. Peak Pressure Contours on the Building for Cladding Loads

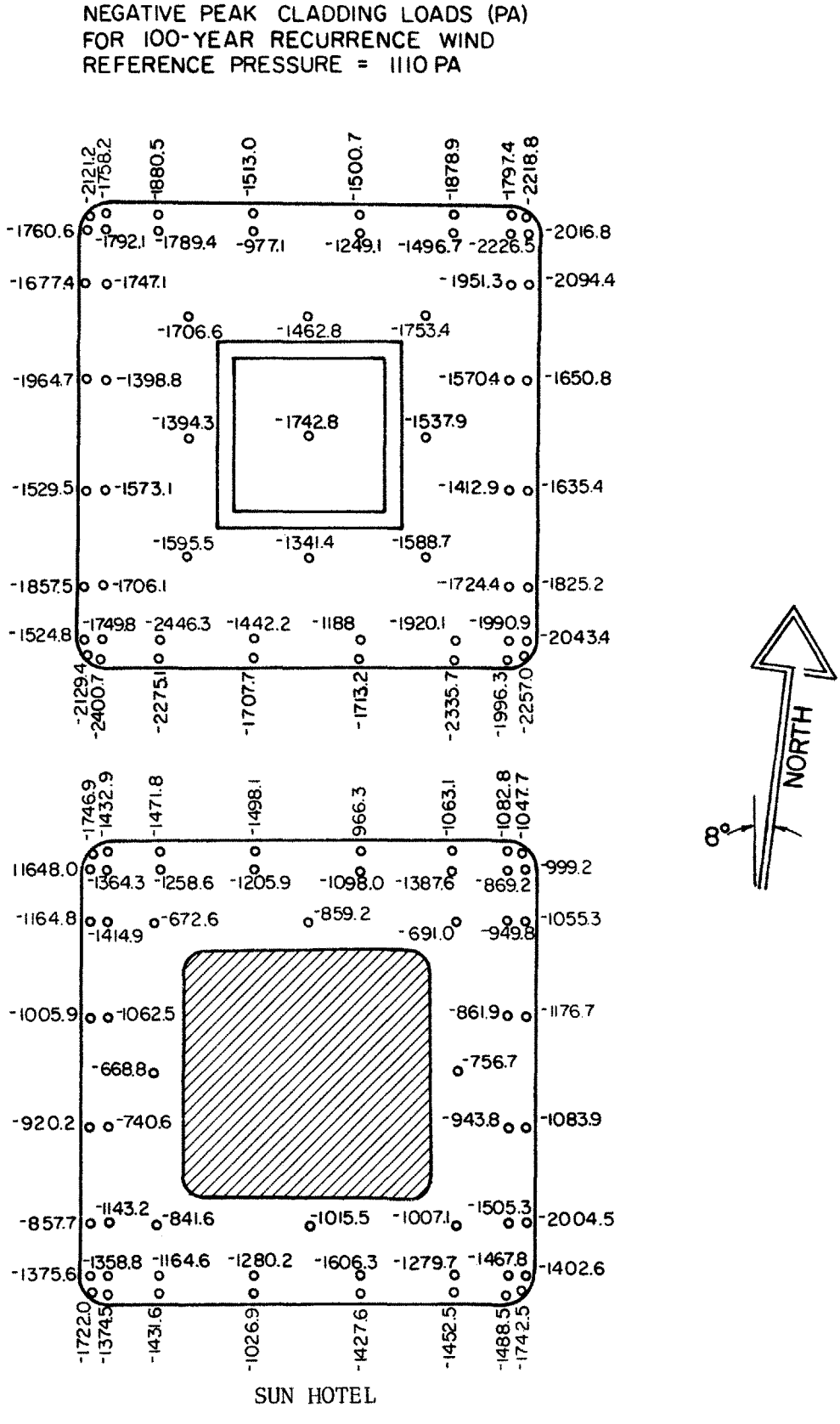


Figure 10e. Peak Pressure Contours on the Building for Cladding Loads

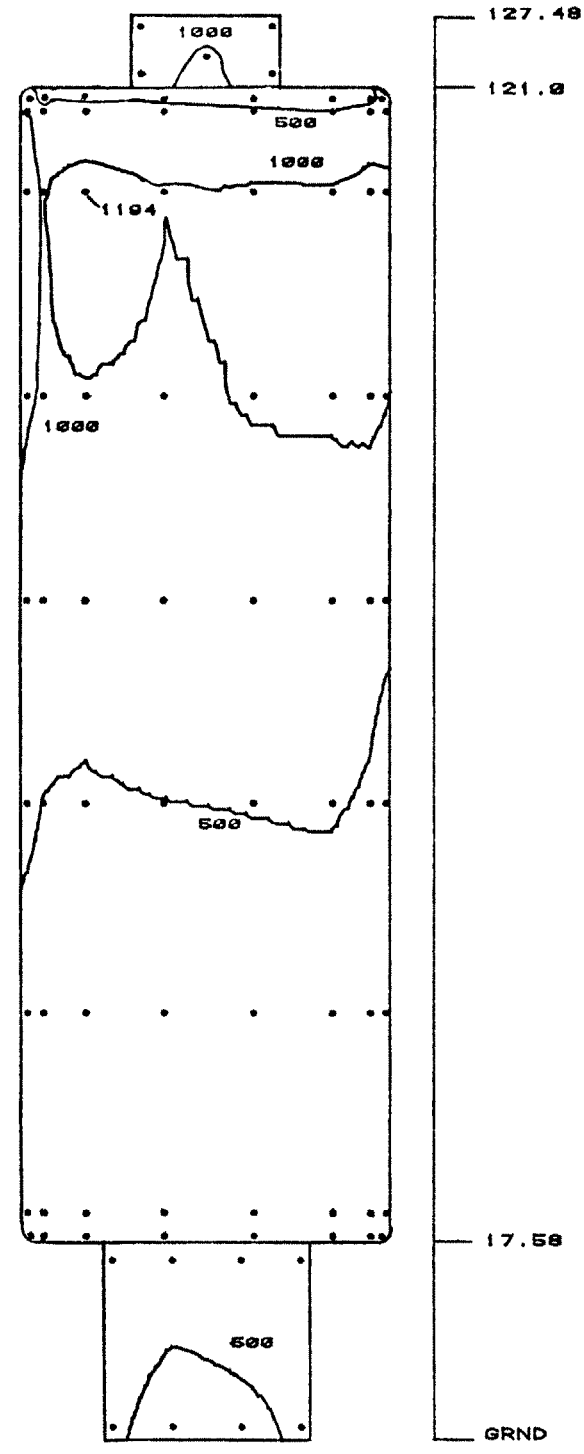


Figure 10f. Peak Pressure Contours on the Building for Cladding Loads

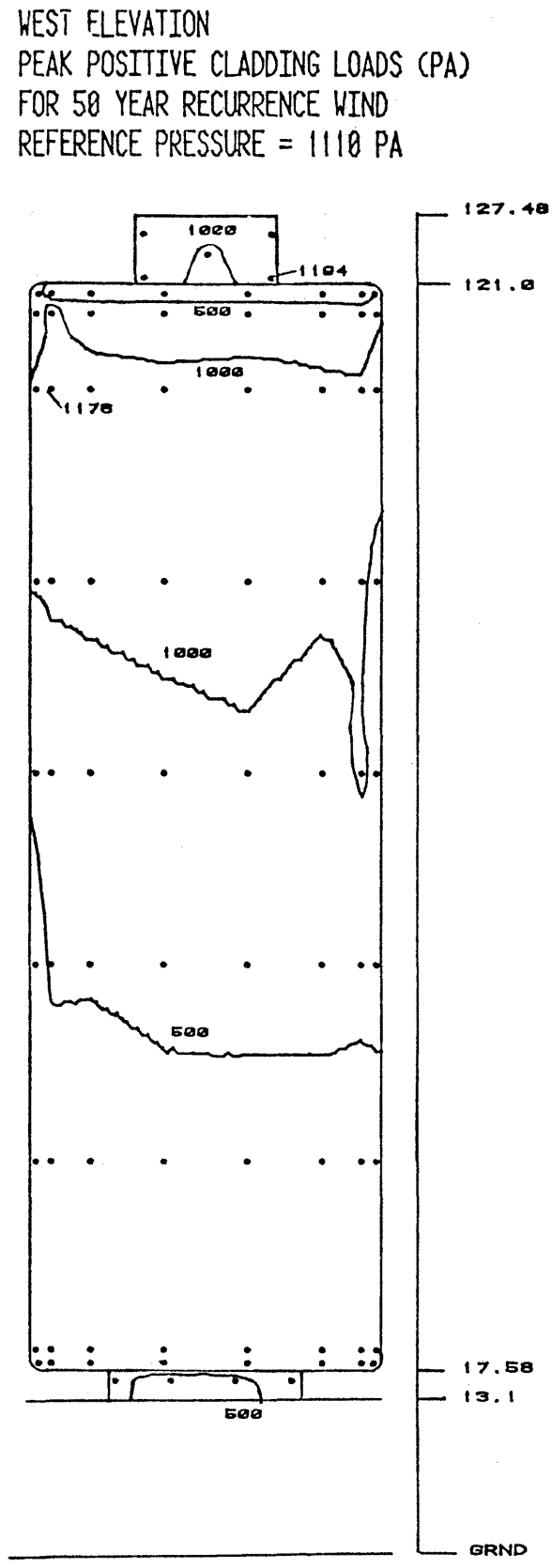


Figure 10g. Peak Pressure Contours on the Building for Cladding Loads

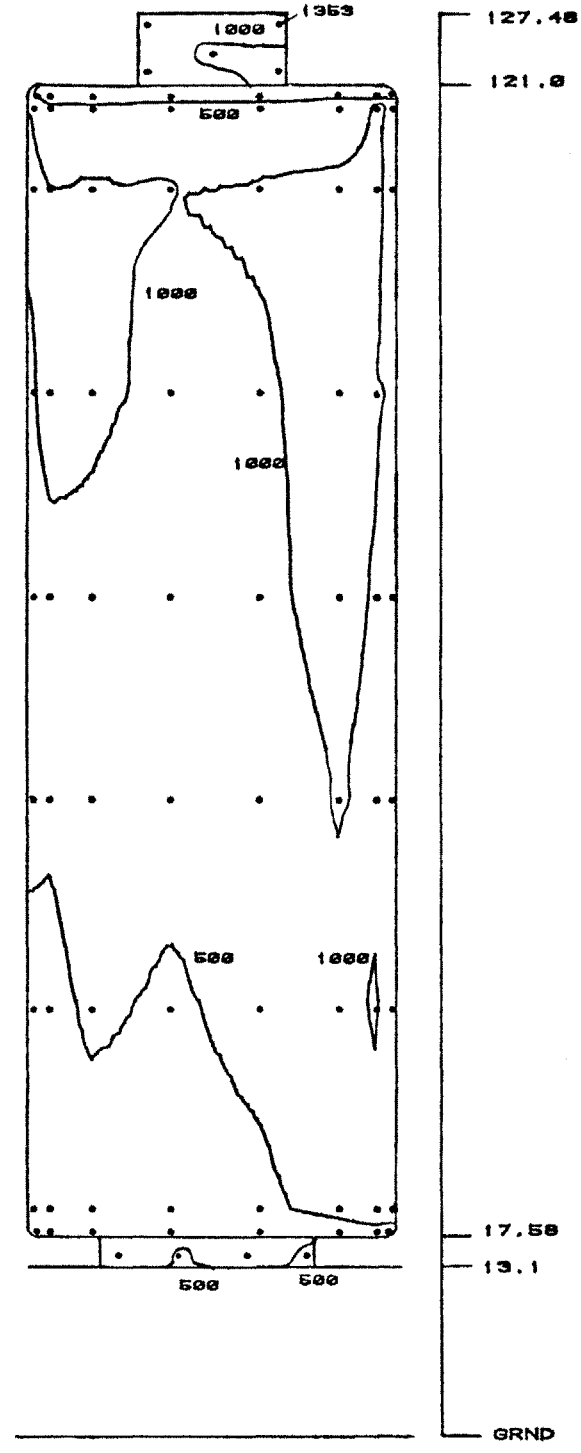


Figure 10h. Peak Pressure Contours on the Building for Cladding Loads

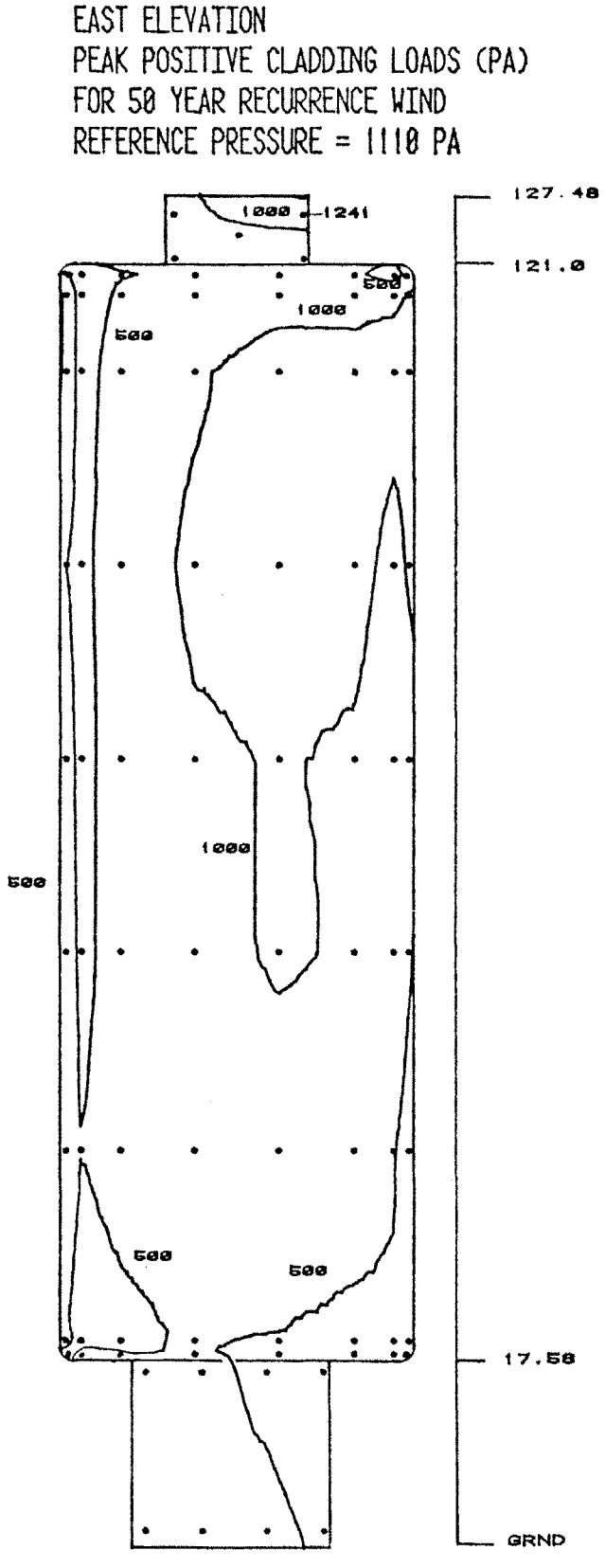
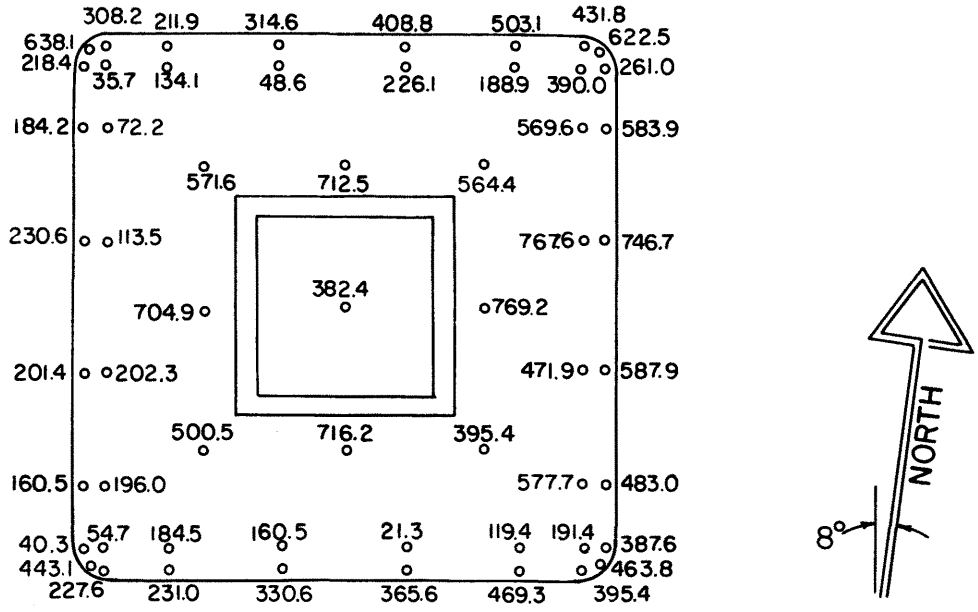
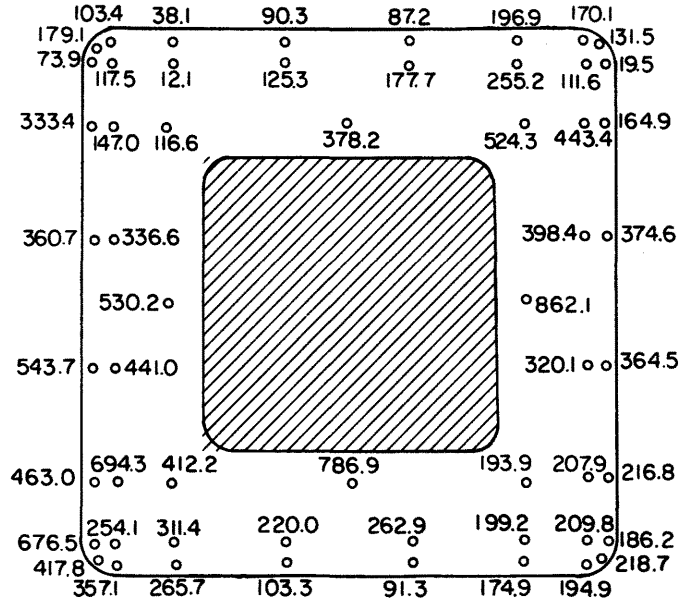


Figure 10i. Peak Pressure Contours on the Building for Cladding Loads

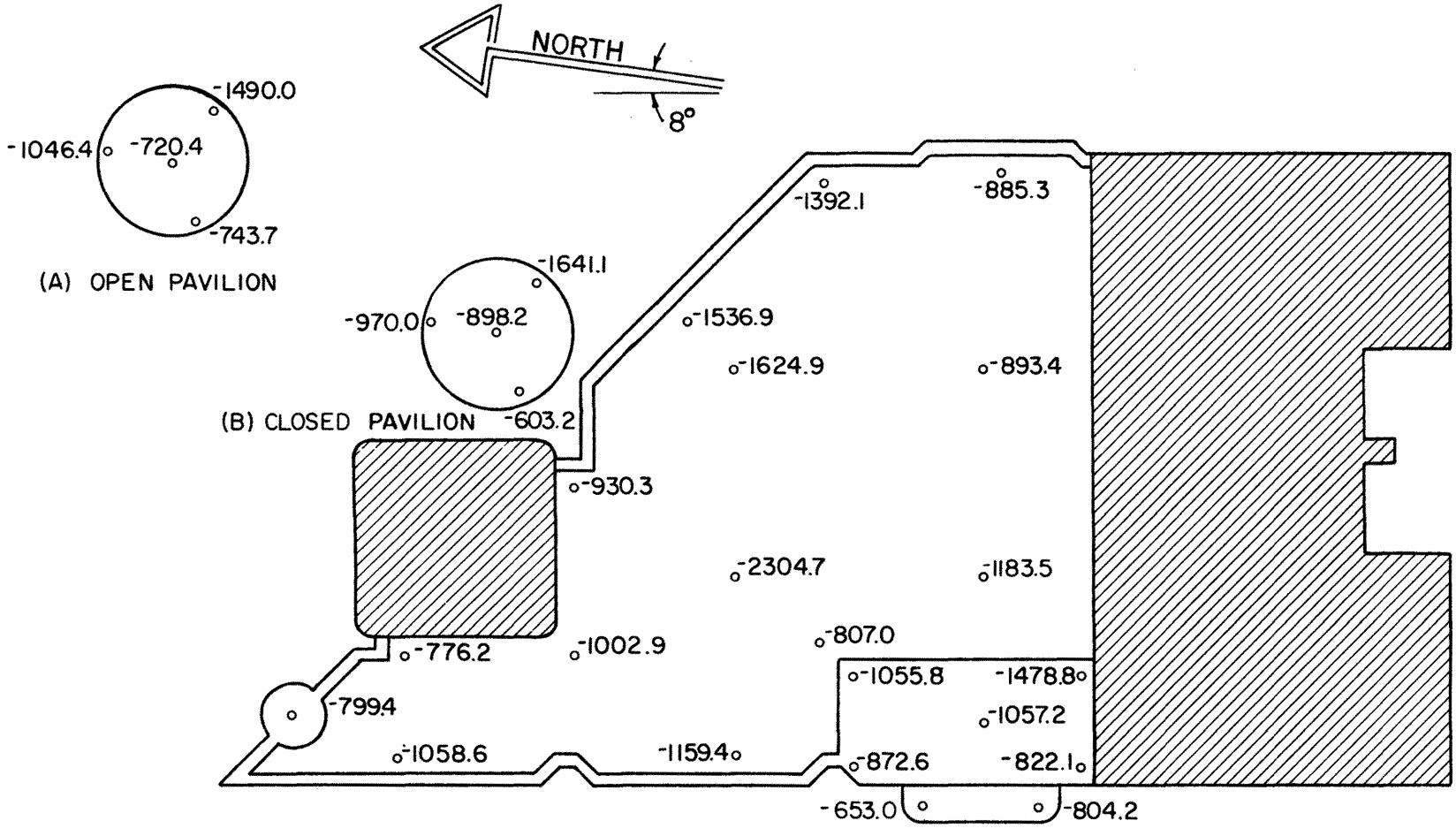
PEAK POSITIVE CLADDING LOADS (PA)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 1110 PA





SUN HOTEL

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



LOWRISE ROOF

PEAK NEGATIVE CLADDING LOADS (PA)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 1110 PA

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

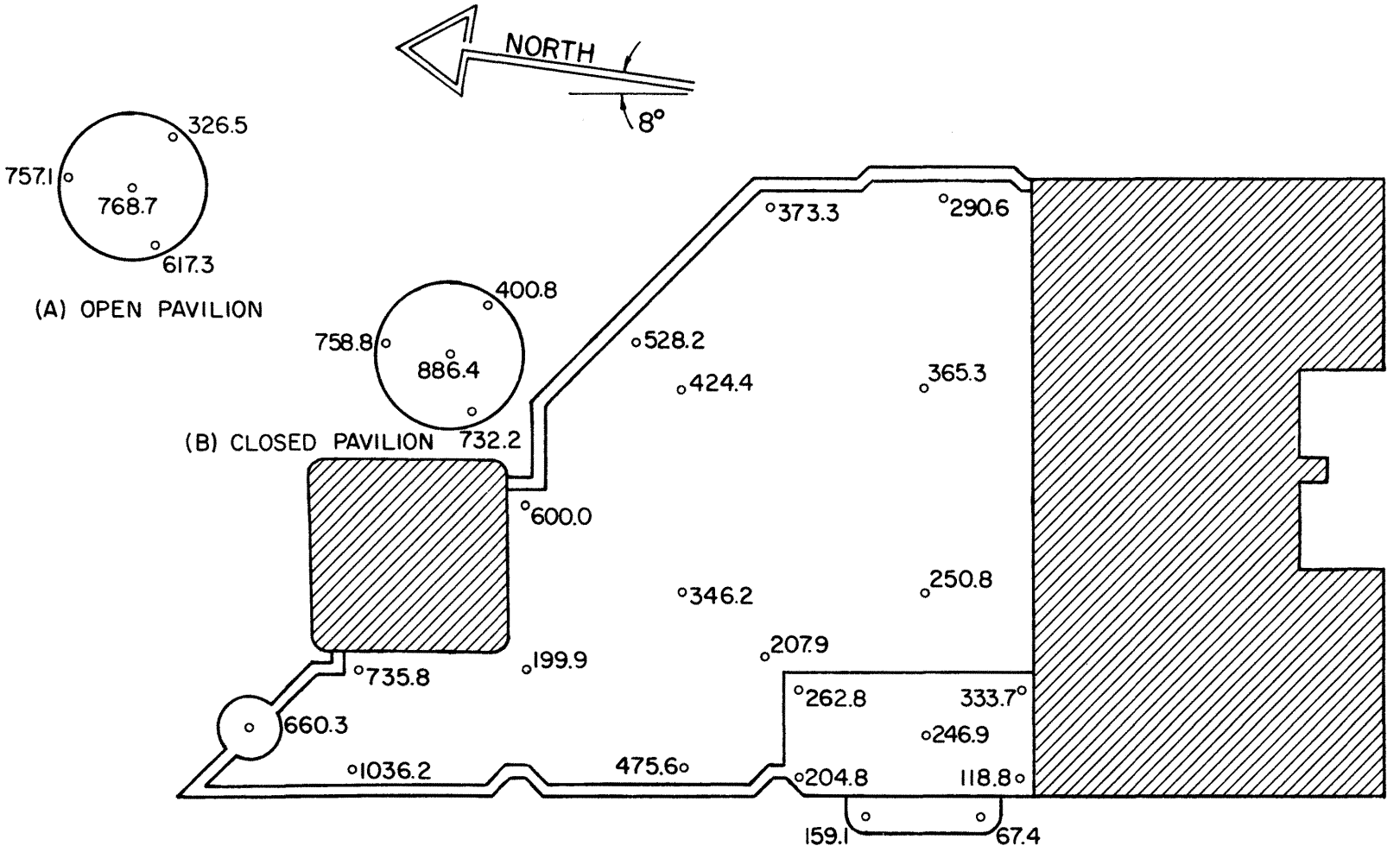
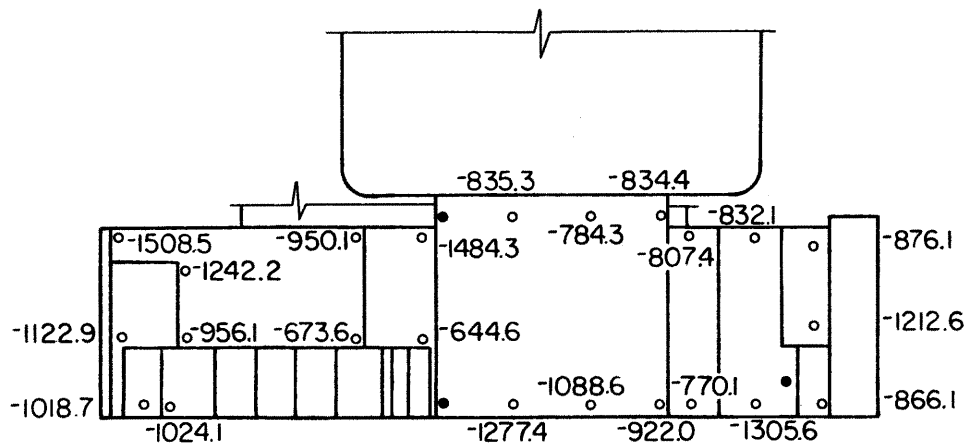


Figure 101. Peak Pressure Contours on the Building for Cladding Loads



LOWRISE

PEAK NEGATIVE CLADDING LOADS (PA)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 1110 PA

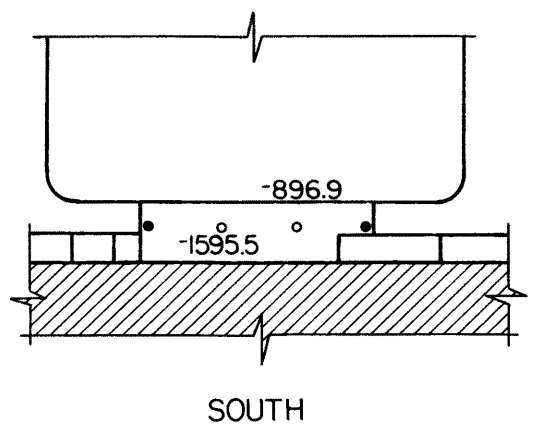
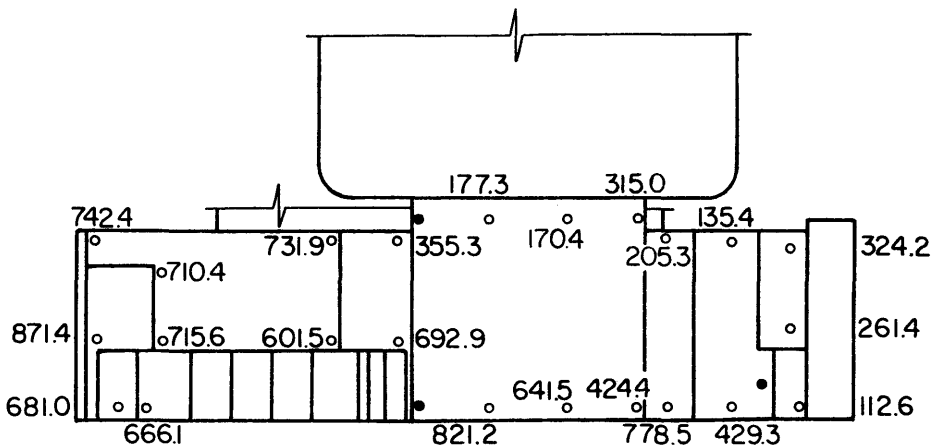
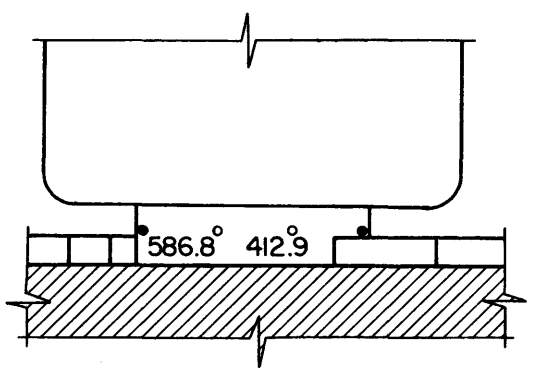


Figure 10m. Peak Pressure Contours on the Building for Cladding Loads





LOWRISE

PEAK POSITIVE CLADDING LOADS (PA)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 1110 PA

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

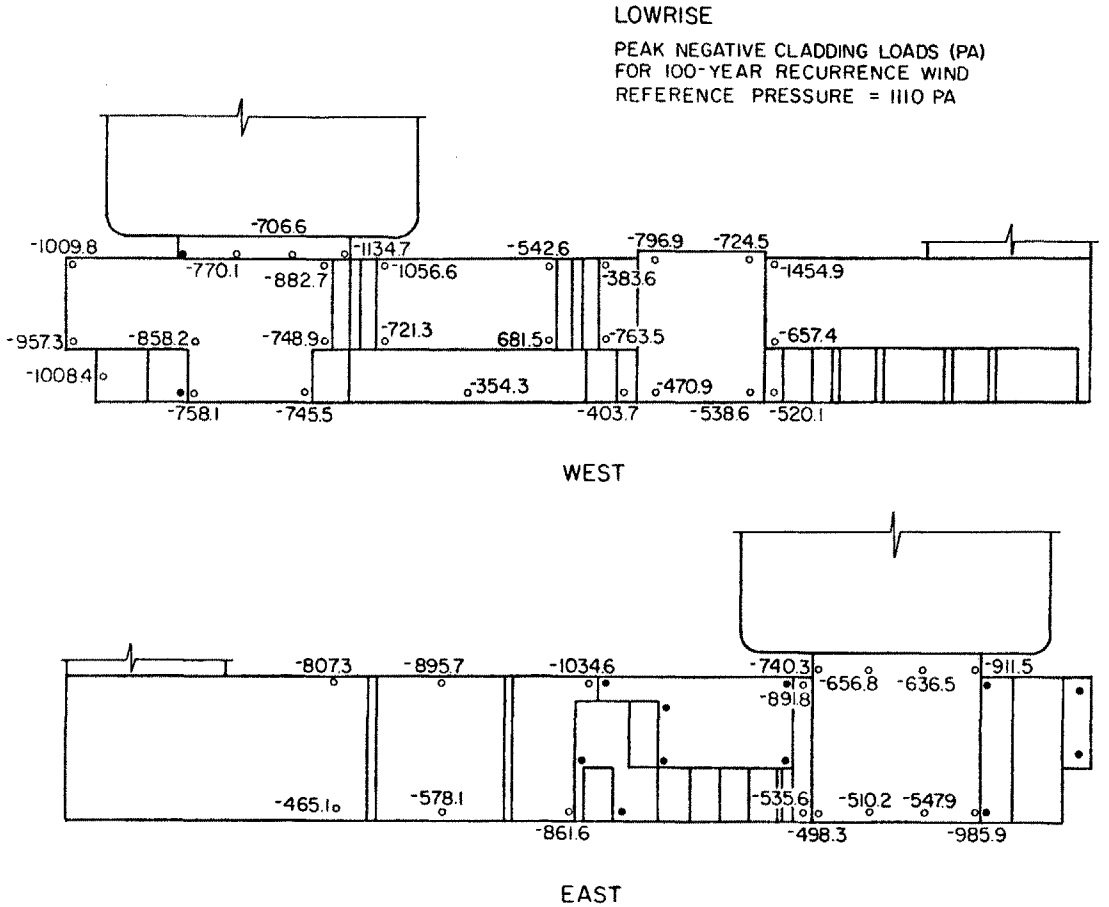


Figure 10o. Peak Pressure Contours on the Building for Cladding Loads

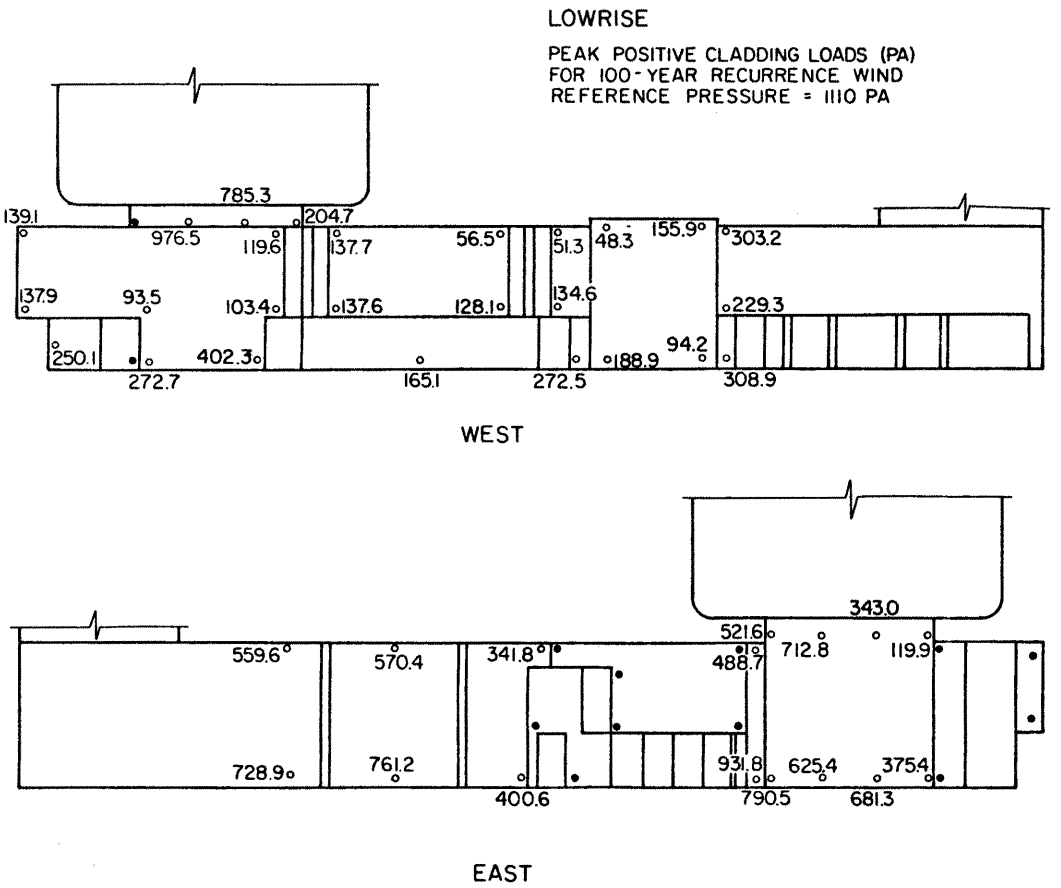


Figure 10p. Peak Pressure Contours on the Building for Cladding Loads

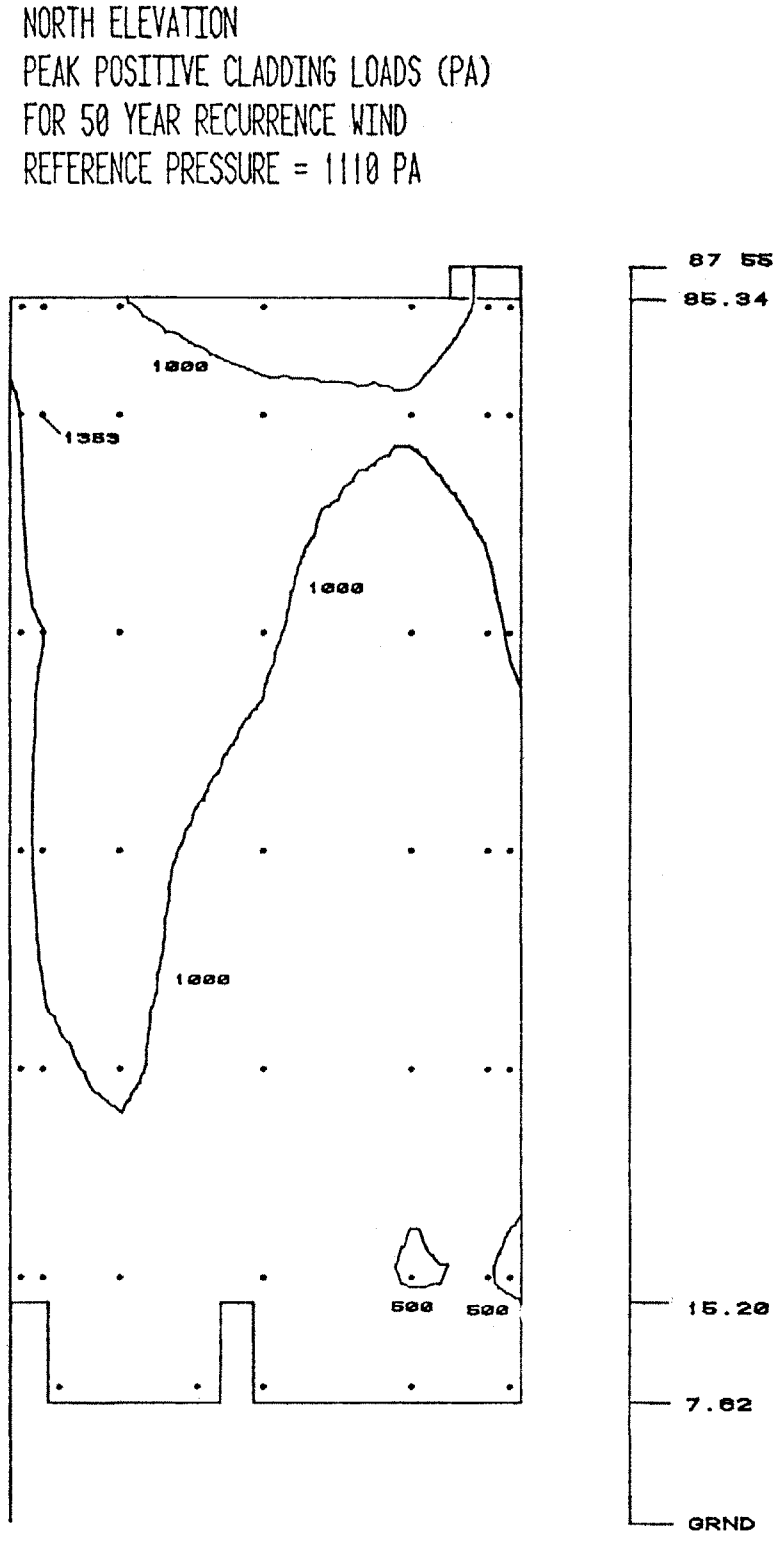


Figure 10q. Peak Pressure Contours on the Building for Cladding Loads

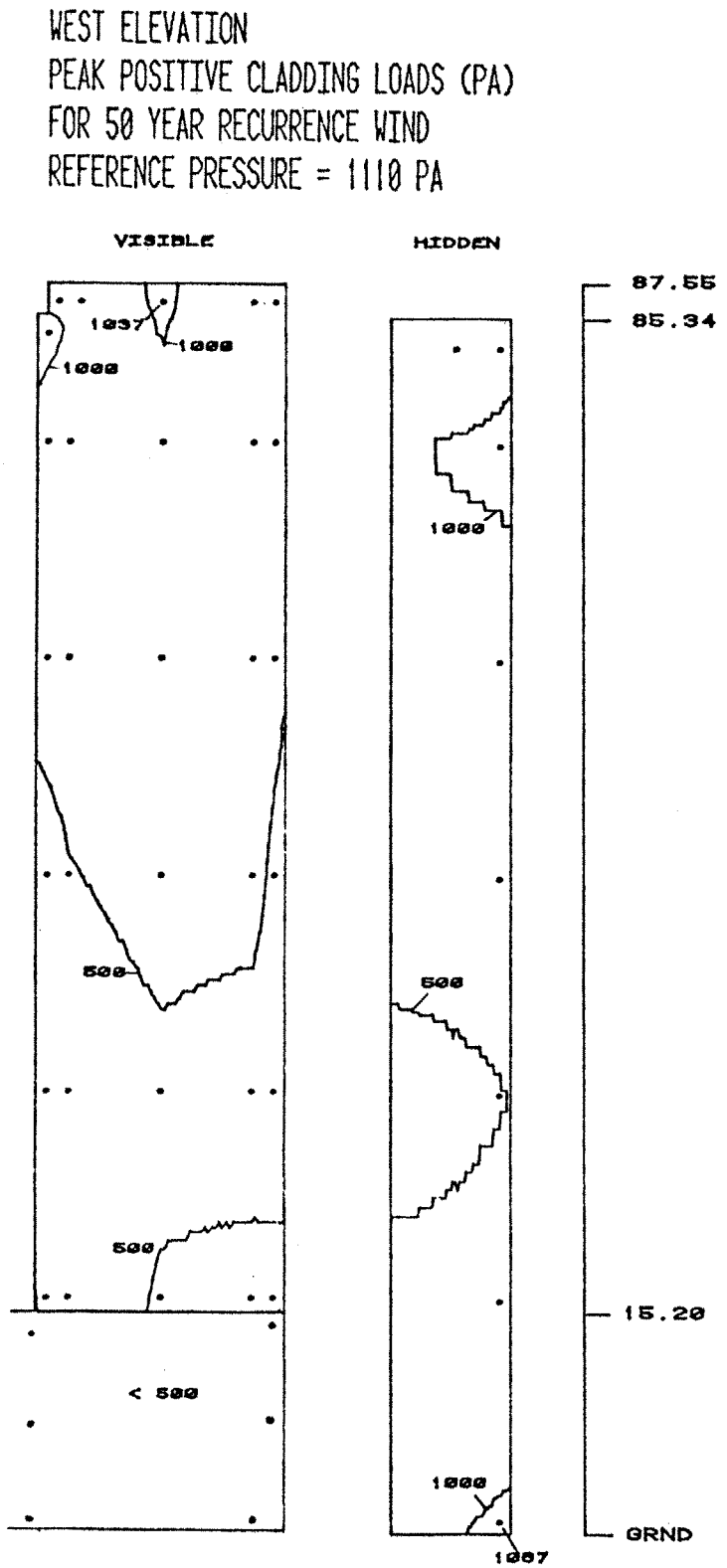


Figure 10r. Peak Pressure Contours on the Building for Cladding Loads

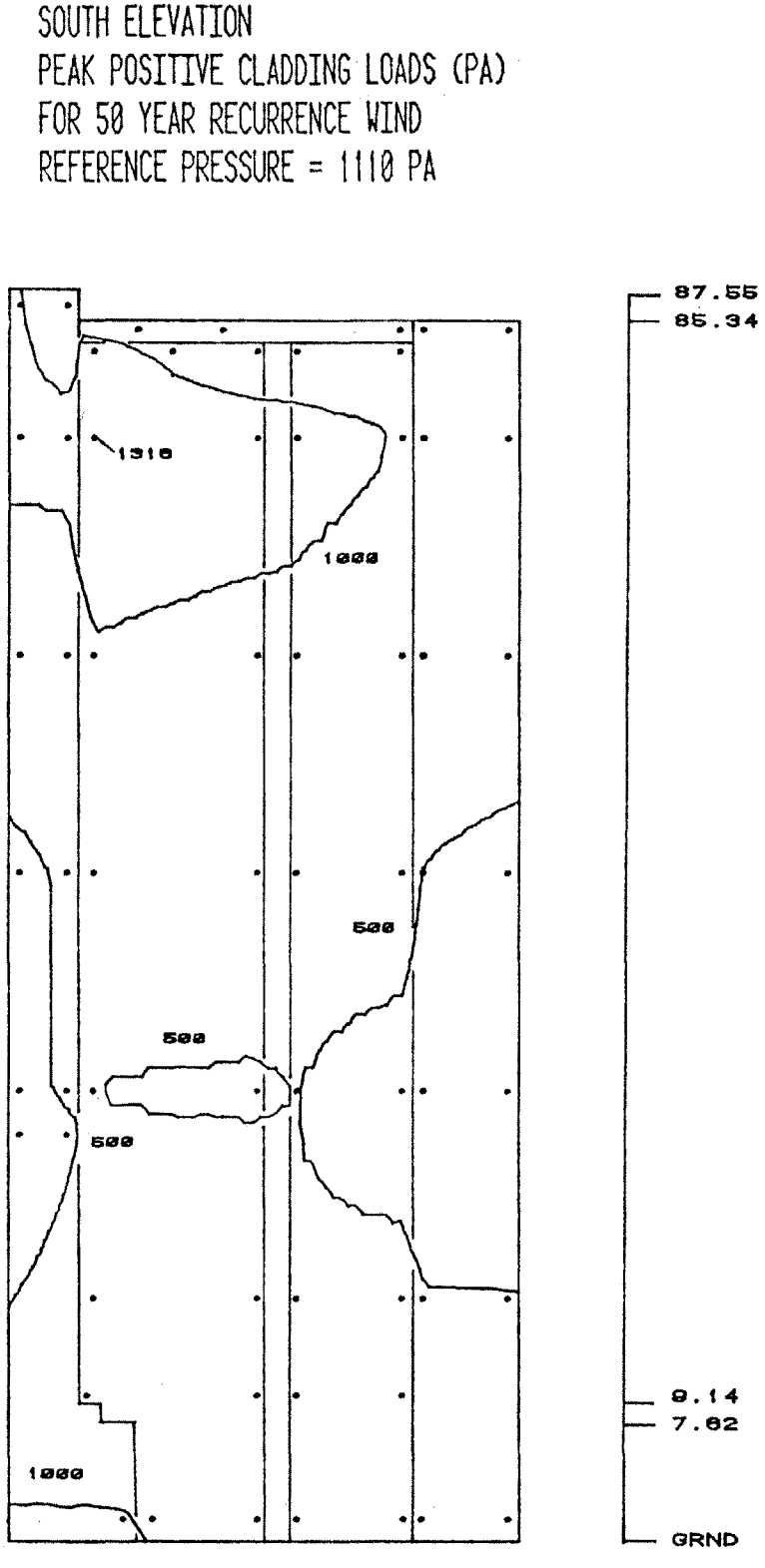


Figure 10s. Peak Pressure Contours on the Building for Cladding Loads

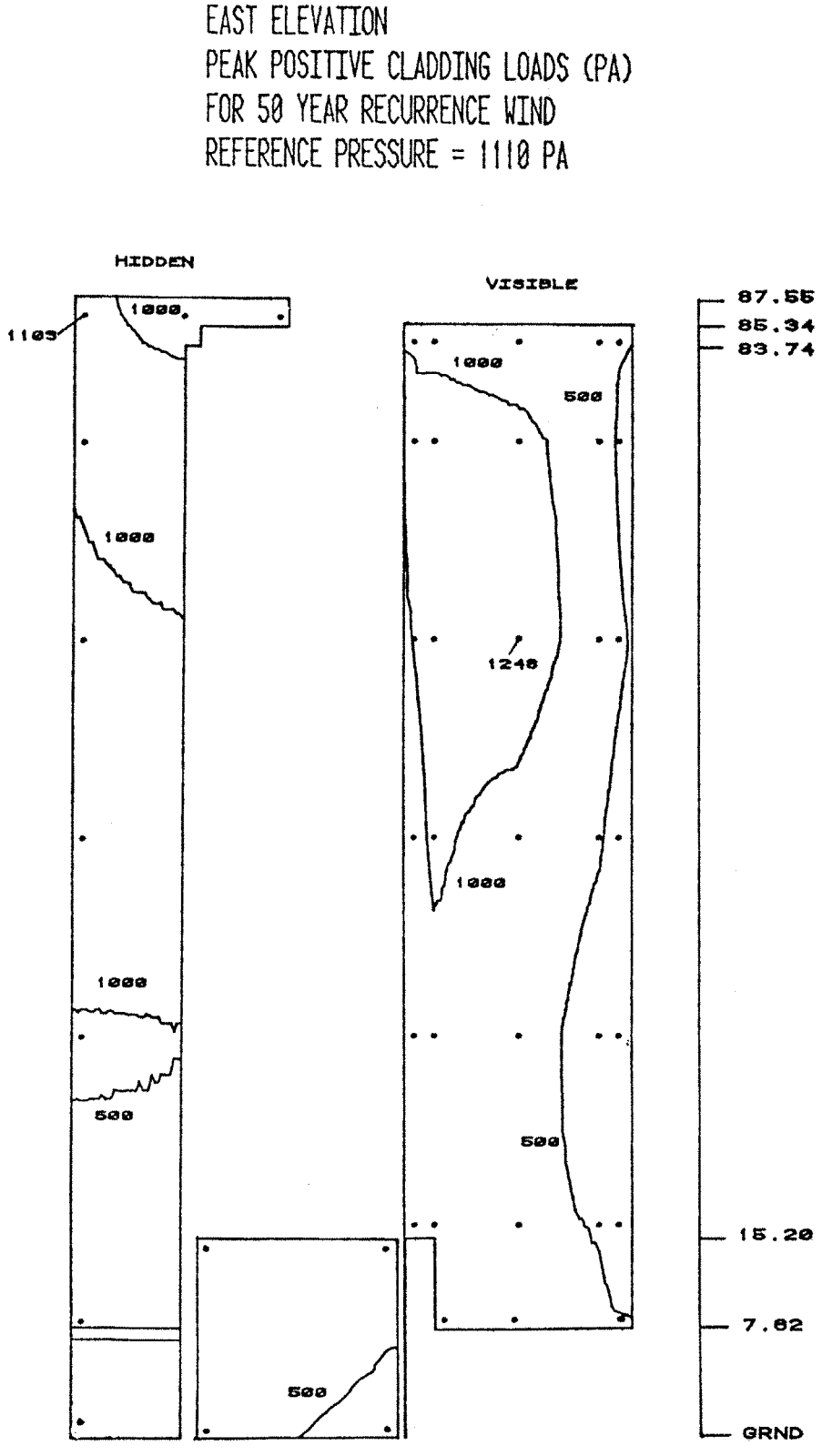


Figure 10t. Peak Pressure Contours on the Building for Cladding Loads

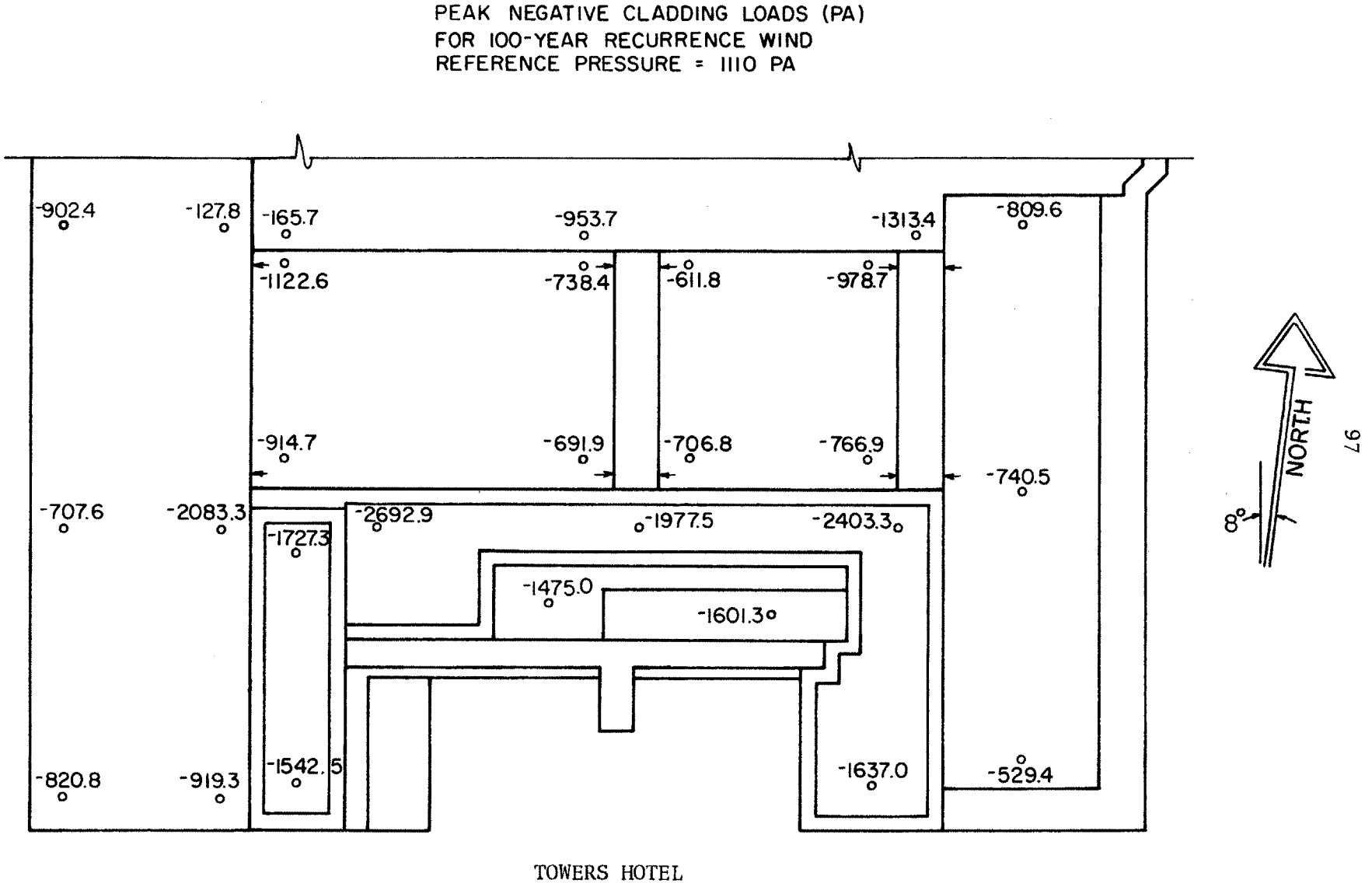


Figure 10u. Peak Pressure Contours on the Building for Cladding Loads

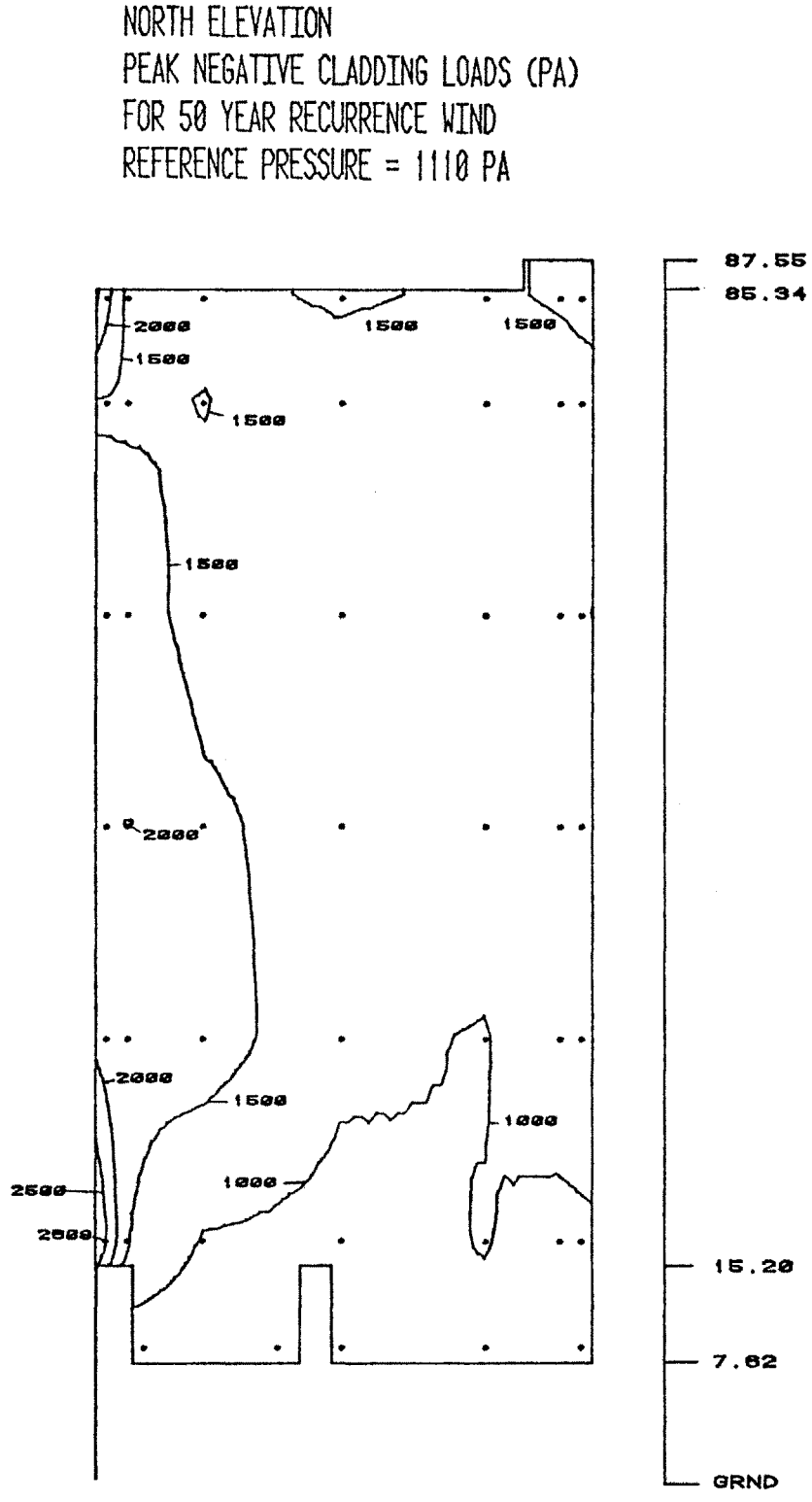


Figure 10v. Peak Pressure Contours on the Building for Cladding Loads

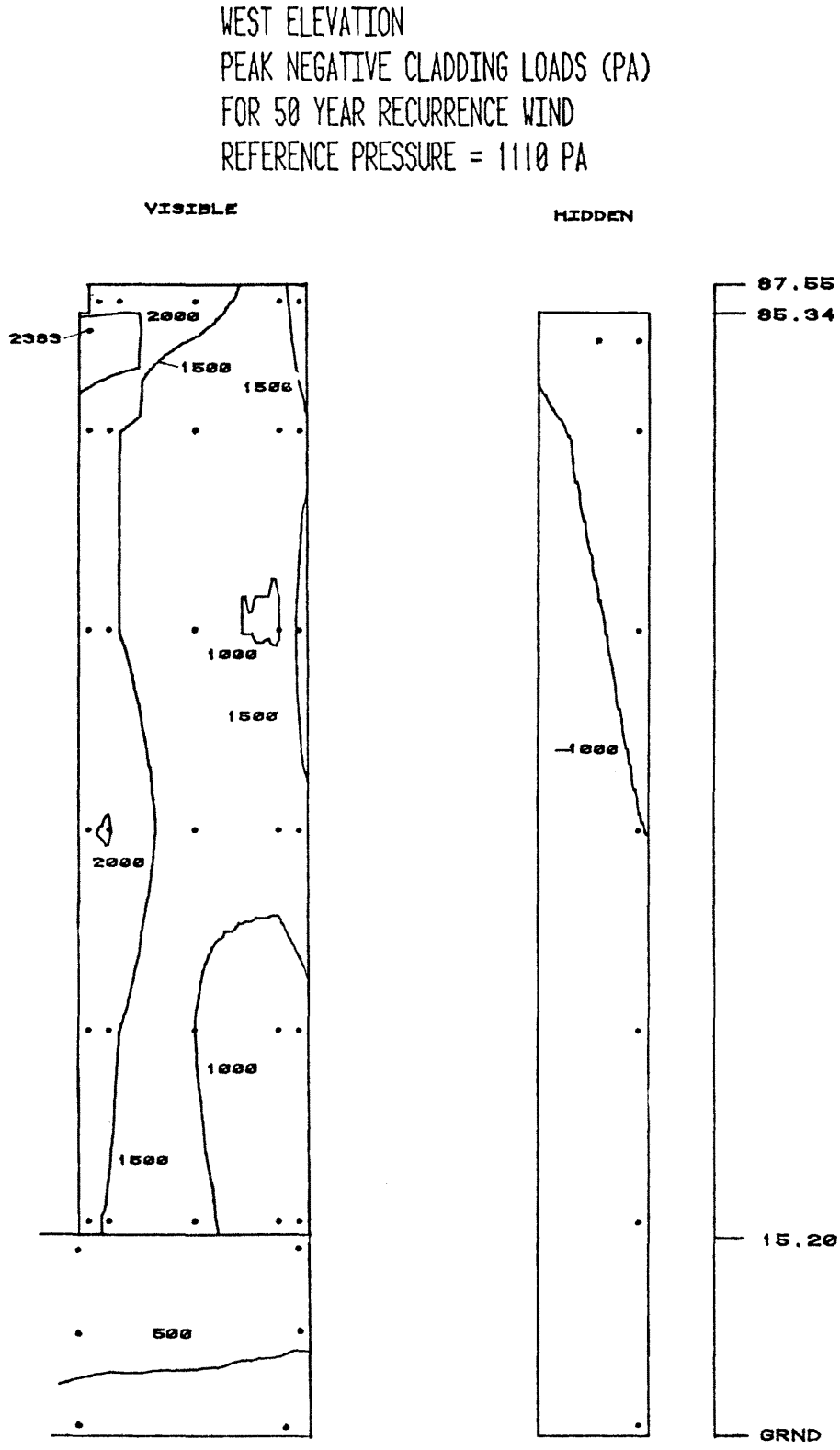


Figure 10w. Peak Pressure Contours on the Building for Cladding Loads

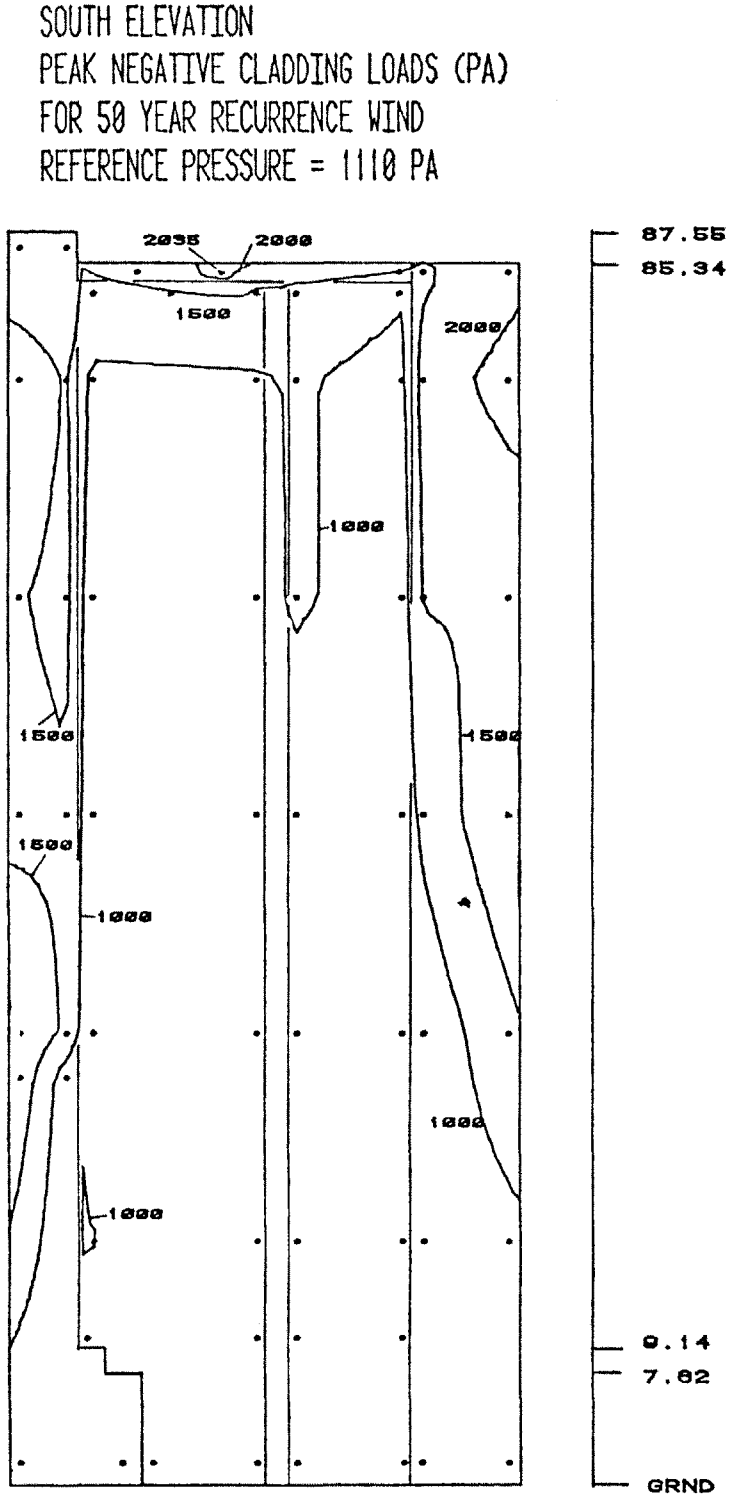


Figure 10x. Peak Pressure Contours on the Building for Cladding Loads

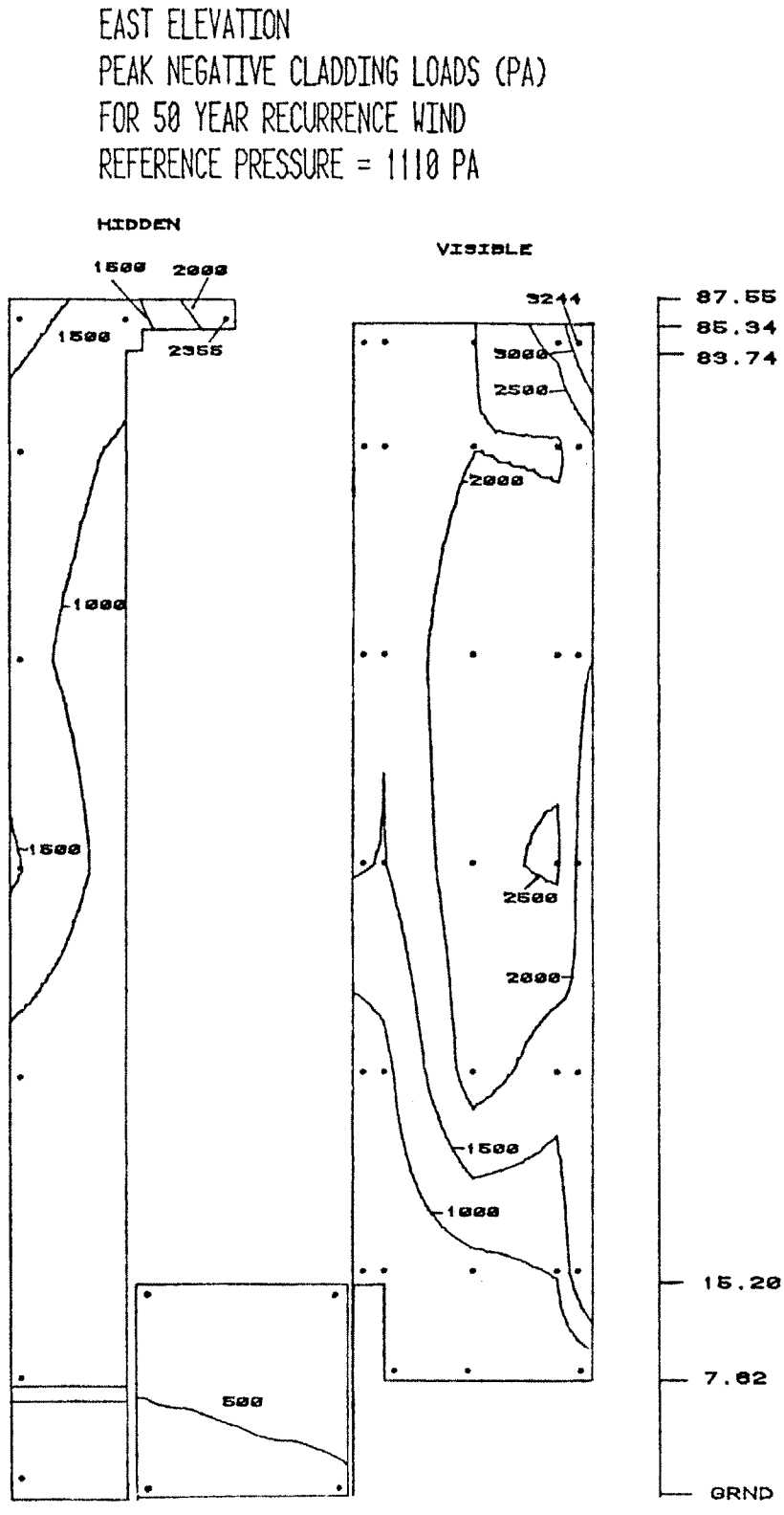
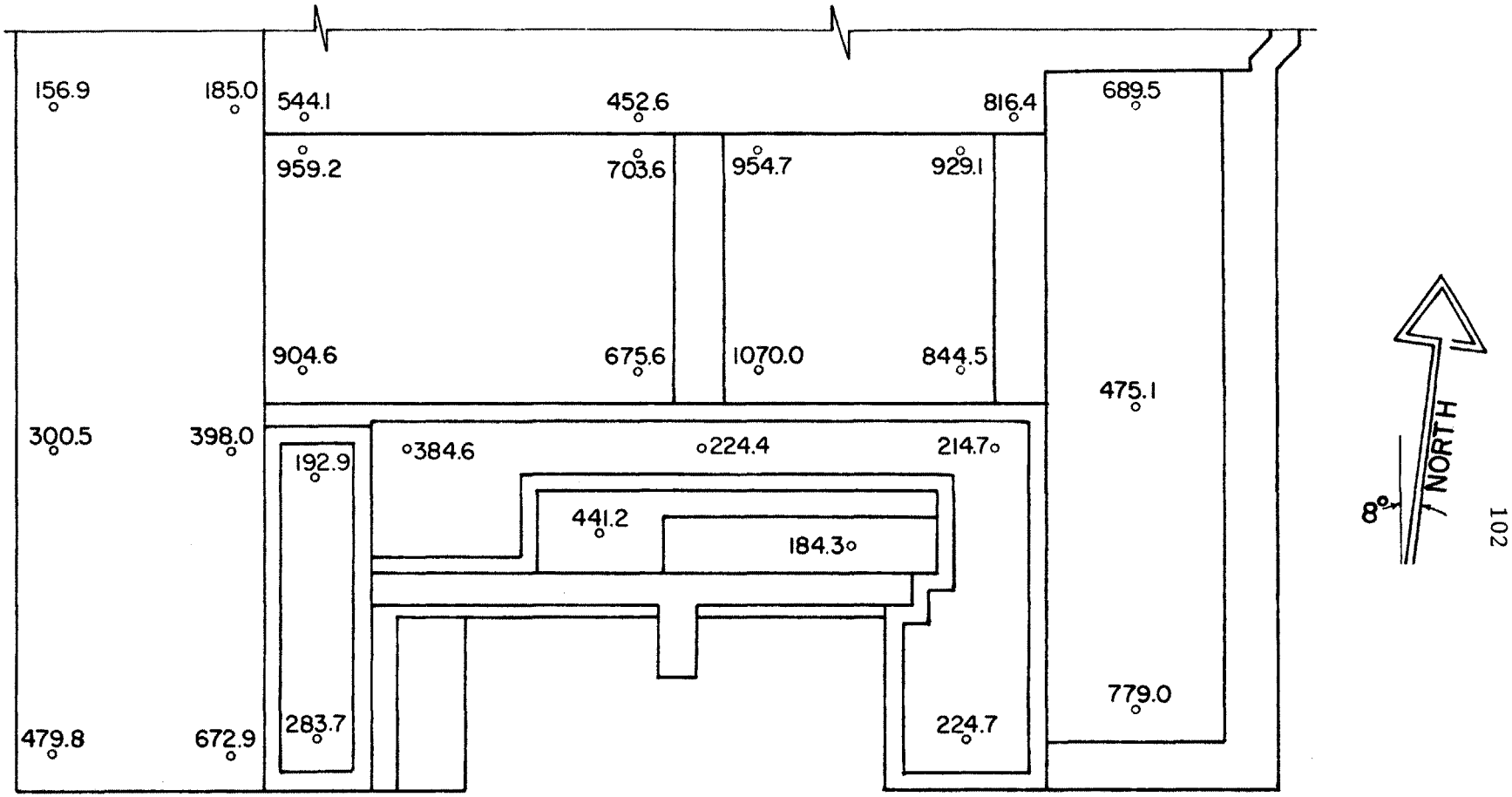


Figure 10y. Peak Pressure Contours on the Building for Cladding Loads



TOWERS HOTEL

PEAK POSITIVE CLADDING LOADS (PA)
FOR 100-YEAR RECURRENCE WIND
REFERENCE PRESSURE = 1110 PA

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

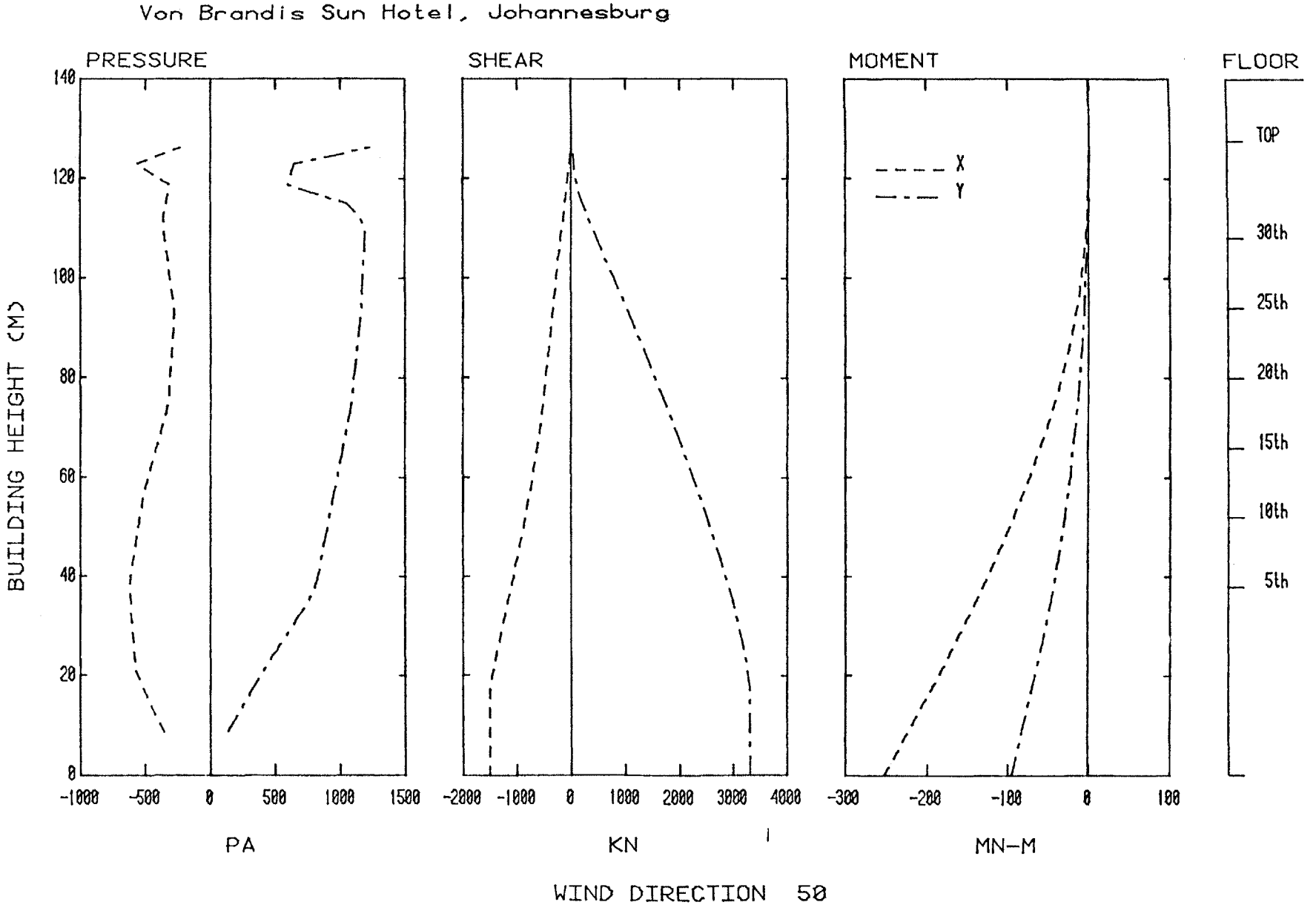


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

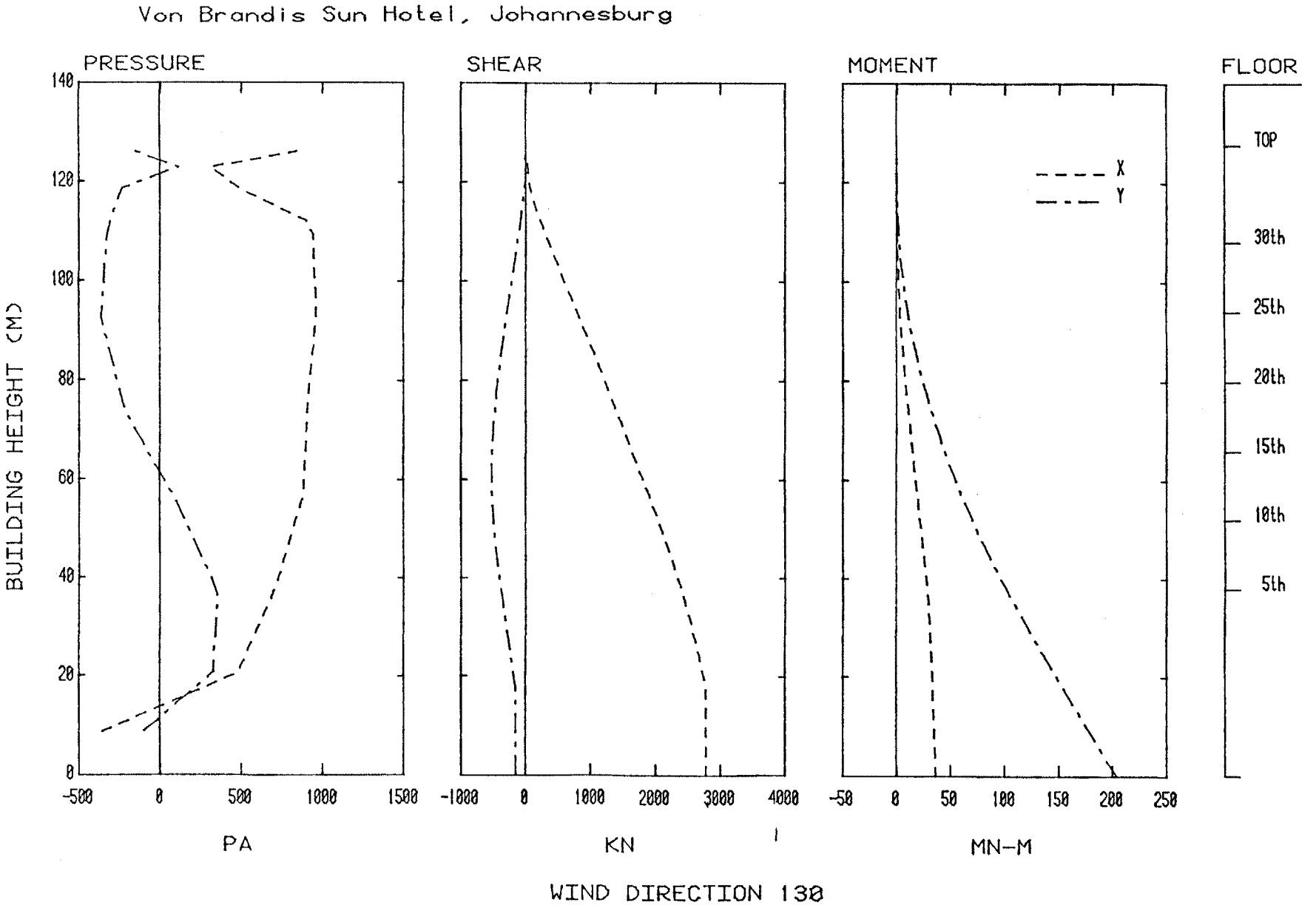


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

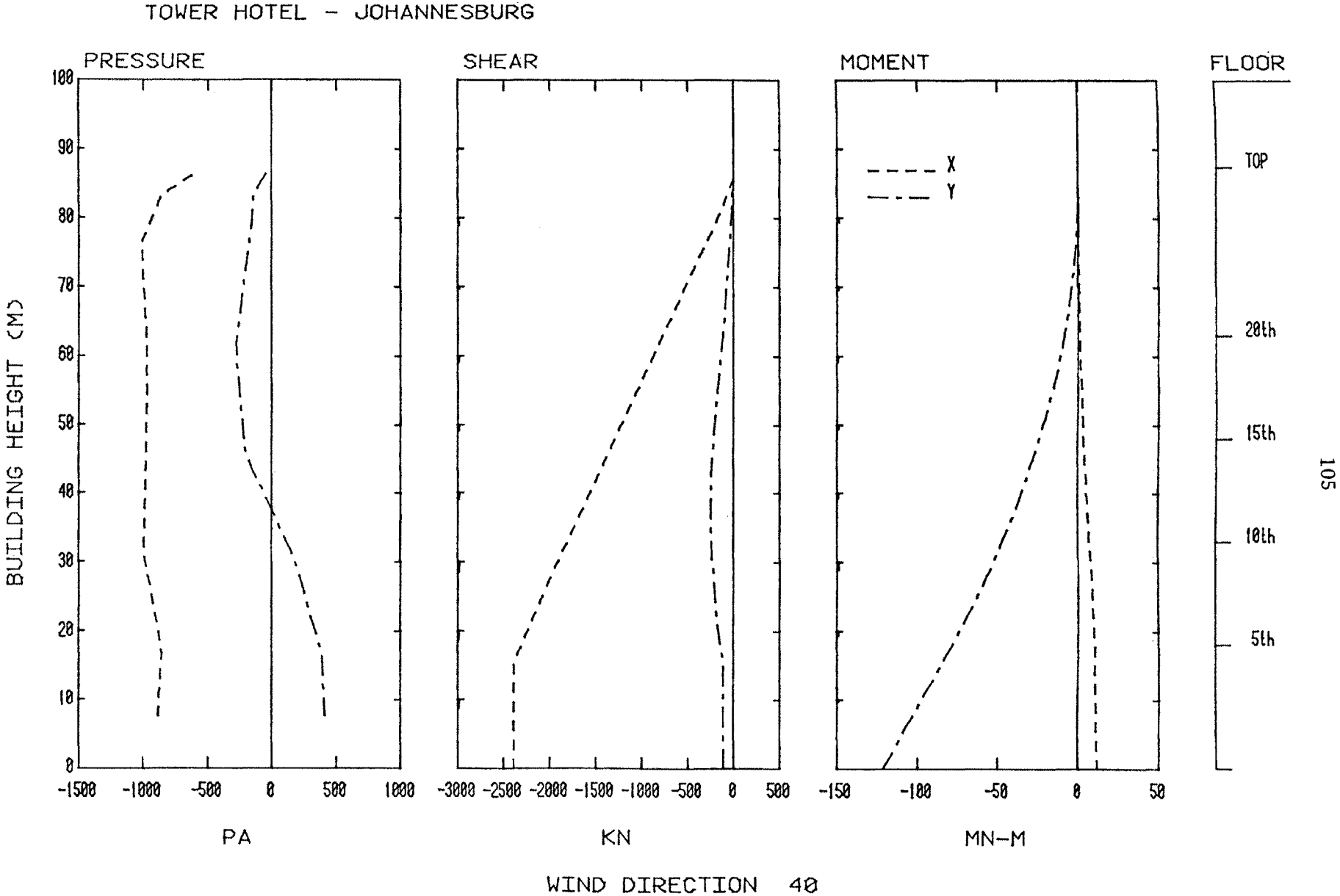


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

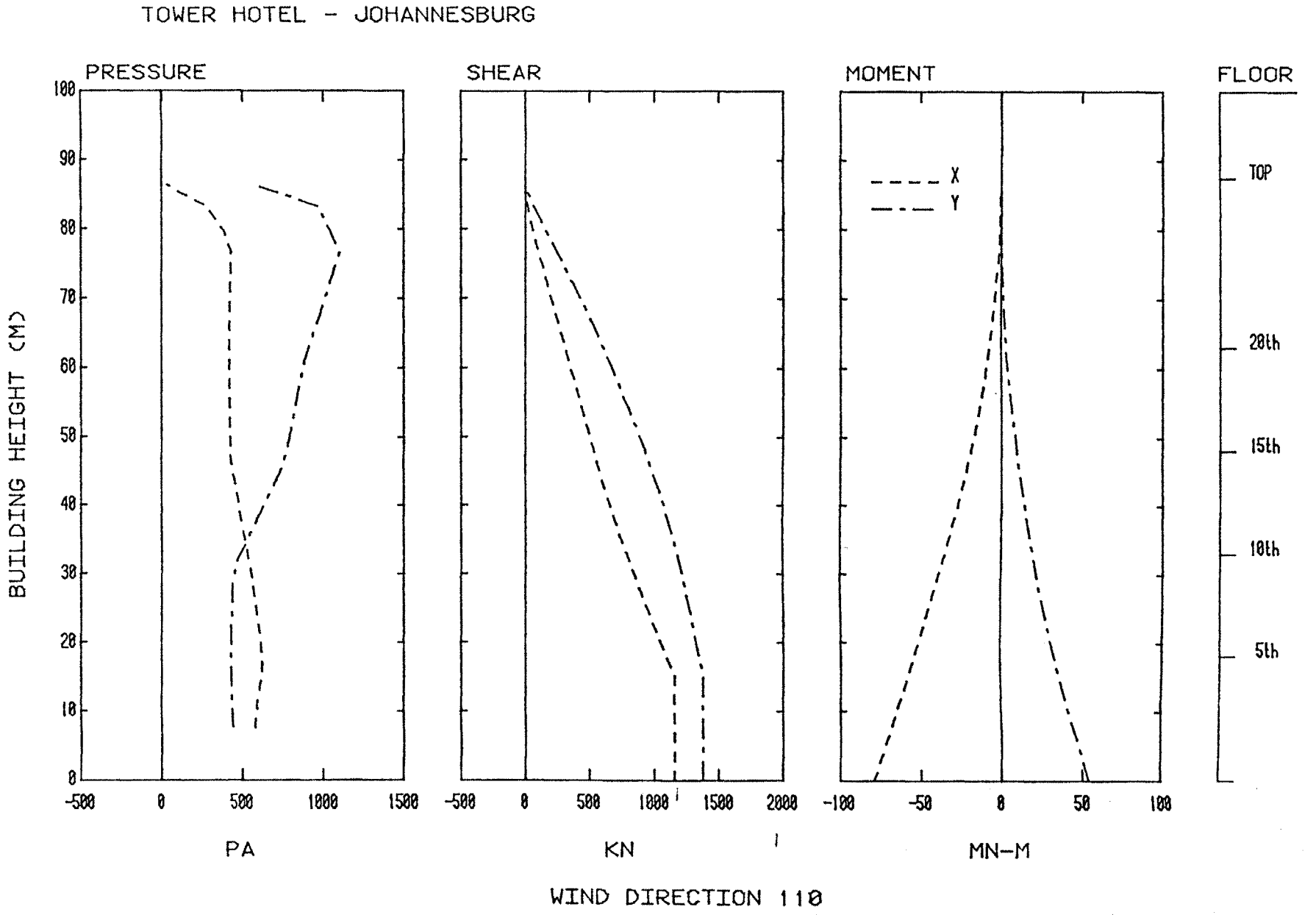


Figure 11. Load, Shear, and Moment Diagrams for Selected Wind Directions

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

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

VON BRANDIS SUN HOTEL DEVELOPMENT AND TOWERS HOTEL
Johannesburg, South Africa

HIGH PRESSURE AREAS

Run No.	Tap No.	Wind Direction
	Sun Hotel	
1	231	130°
2	443	160°
3	140	210°
	Towers Hotel	
4	1136	100°
5	1918	050°
6	1208	020°

PEDESTRIAN AREA HIGH WIND VELOCITIES

Run No.	Ped. Loc. No.	Wind Direction
7	19	045°
8	21	135°

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 1

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	34.2	11.4	68.4
22.50	41.9	12.9	80.5
45.00	32.4	12.1	68.5
67.50	33.7	12.0	69.8
90.00	54.1	14.2	96.6
112.50	67.7	13.0	106.7
135.00	65.4	11.8	100.6
157.50	52.8	11.8	88.4
180.00	62.2	17.8	115.6
202.50	55.0	20.5	116.5
225.00	17.7	8.7	43.9
247.50	35.1	10.9	67.8
270.00	31.3	8.2	55.9
292.50	30.5	9.6	59.3
315.00	55.9	10.1	86.3
337.50	53.3	12.3	90.1

LOCATION 2

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	35.0	10.3	65.8
22.50	30.7	10.3	61.6
45.00	36.0	8.8	62.4
67.50	36.3	9.7	65.5
90.00	24.6	10.5	56.2
112.50	22.0	11.7	57.1
135.00	25.9	12.4	63.1
157.50	17.3	7.8	40.7
180.00	16.5	5.7	32.4
202.50	25.5	7.7	48.6
225.00	31.0	12.8	69.3
247.50	29.2	9.8	58.6
270.00	19.5	7.9	43.1
292.50	29.2	8.5	54.6
315.00	37.8	9.6	66.5
337.50	25.1	10.3	56.1

LOCATION 3

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	18.0	7.6	40.6
22.50	29.7	8.6	55.4
45.00	29.7	9.4	57.9
67.50	34.6	10.8	67.0
90.00	28.3	9.0	55.4
112.50	26.6	10.8	59.2
135.00	40.4	12.7	78.6
157.50	27.1	9.2	54.8
180.00	22.7	9.6	51.5
202.50	36.5	13.8	77.9
225.00	36.8	11.5	71.2
247.50	21.9	7.6	44.7
270.00	16.0	6.3	34.8
292.50	17.6	6.4	37.9
315.00	23.1	8.3	48.0
337.50	21.0	9.0	48.0

LOCATION 4

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.7	12.6	61.4
22.50	31.0	8.6	56.8
45.00	26.7	8.8	53.2
67.50	29.8	9.0	56.9
90.00	29.9	7.8	53.3
112.50	33.2	11.7	68.3
135.00	30.5	12.0	66.5
157.50	29.0	13.2	68.5
180.00	16.4	7.6	39.3
202.50	32.0	15.9	78.9
225.00	32.4	15.4	78.5
247.50	20.4	7.3	42.2
270.00	21.6	6.9	42.1
292.50	20.5	6.9	40.4
315.00	24.6	10.7	56.8
337.50	31.5	11.1	64.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	28.9	13.3	68.7
22.50	31.5	10.8	63.9
45.00	22.1	8.6	47.9
67.50	27.1	8.3	51.9
90.00	30.7	8.2	55.2
112.50	38.0	13.3	77.7
135.00	28.6	13.1	67.8
157.50	39.6	16.4	88.7
180.00	19.3	9.1	46.7
202.50	33.7	16.0	81.7
225.00	35.2	15.3	81.3
247.50	23.0	8.1	47.2
270.00	20.5	7.2	42.2
292.50	16.4	6.5	35.8
315.00	31.9	13.5	72.5
337.50	30.6	13.8	72.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	38.6	12.4	76.0
22.50	35.7	10.2	66.4
45.00	44.6	9.5	73.2
67.50	40.0	11.9	75.7
90.00	20.6	10.2	51.2
112.50	14.6	6.9	35.4
135.00	18.5	8.7	44.7
157.50	20.7	9.0	47.6
180.00	19.1	8.2	43.6
202.50	35.5	6.1	53.7
225.00	38.2	7.9	62.0
247.50	26.1	7.5	48.6
270.00	16.2	5.6	33.0
292.50	16.3	6.3	35.2
315.00	21.9	8.0	46.0
337.50	25.1	10.8	57.4

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.0	12.3	66.1
22.50	15.1	6.7	35.2
45.00	31.0	12.4	68.1
67.50	38.8	14.9	83.5
90.00	27.5	13.0	66.4
112.50	23.0	11.6	57.7
135.00	24.2	12.1	60.4
157.50	16.5	7.7	39.5
180.00	14.7	7.2	36.4
202.50	23.5	11.5	58.0
225.00	16.3	7.7	39.6
247.50	11.6	-4.6	25.4
270.00	14.9	5.9	32.7
292.50	20.0	6.8	40.4
315.00	17.6	7.8	41.1
337.50	23.9	10.7	55.9

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.6	10.8	55.1
22.50	33.8	9.2	61.5
45.00	31.5	9.1	58.9
67.50	37.1	10.1	67.3
90.00	36.2	9.0	63.4
112.50	30.8	11.6	65.6
135.00	30.6	12.0	66.5
157.50	31.3	10.4	62.4
180.00	20.2	8.2	44.9
202.50	28.7	10.8	61.2
225.00	26.5	9.3	54.4
247.50	12.4	5.1	27.6
270.00	16.7	6.8	37.2
292.50	26.5	6.0	44.6
315.00	36.4	10.1	66.6
337.50	43.7	13.4	83.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	31.3	13.8	72.8
22.50	29.8	11.7	65.0
45.00	22.0	8.9	48.8
67.50	24.6	9.7	53.7
90.00	23.2	8.1	47.4
112.50	20.3	9.3	48.0
135.00	33.5	14.5	77.0
157.50	47.6	15.6	94.3
180.00	24.7	10.8	57.3
202.50	21.9	9.7	51.1
225.00	17.5	7.8	40.9
247.50	13.1	5.2	28.6
270.00	21.7	5.7	38.8
292.50	30.2	6.6	49.9
315.00	35.2	10.4	66.4
337.50	30.5	12.0	66.5

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.5	7.0	42.5
22.50	19.4	8.8	45.6
45.00	20.4	10.1	50.6
67.50	21.1	9.9	50.8
90.00	15.8	6.5	35.4
112.50	29.9	11.7	64.9
135.00	28.0	10.2	58.6
157.50	30.7	8.7	57.0
180.00	20.8	5.1	36.1
202.50	20.2	4.8	34.7
225.00	17.7	5.1	33.0
247.50	14.9	5.8	32.2
270.00	13.3	4.9	28.1
292.50	16.4	6.3	35.2
315.00	32.9	8.4	58.0
337.50	17.3	7.0	38.3

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.1	5.2	27.7
22.50	14.6	6.2	33.2
45.00	17.2	7.2	38.8
67.50	16.1	7.6	38.9
90.00	11.1	4.6	24.9
112.50	9.9	3.3	19.7
135.00	10.9	4.0	22.8
157.50	10.9	5.0	26.0
180.00	20.1	6.7	40.4
202.50	22.8	7.2	44.3
225.00	18.1	7.8	41.4
247.50	30.5	10.4	61.7
270.00	34.4	9.4	62.6
292.50	28.7	8.3	53.7
315.00	33.0	6.9	53.8
337.50	27.1	8.8	53.6

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	23.0	11.9	58.5
22.50	25.4	7.8	48.8
45.00	17.7	7.2	39.2
67.50	21.9	8.1	46.3
90.00	24.7	8.1	49.1
112.50	20.6	8.3	45.7
135.00	21.5	9.9	51.3
157.50	29.0	10.6	60.7
180.00	18.2	7.2	40.9
202.50	21.3	7.2	42.8
225.00	24.8	8.3	49.8
247.50	17.9	5.2	33.5
270.00	9.7	3.3	19.4
292.50	10.0	3.4	20.3
315.00	30.7	14.5	74.3
337.50	26.5	15.0	71.3

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.2	5.8	30.5
22.50	13.0	5.5	29.5
45.00	24.1	8.9	51.0
67.50	29.1	11.1	62.4
90.00	23.2	8.2	47.9
112.50	16.8	8.6	42.5
135.00	18.5	8.5	43.9
157.50	25.1	12.4	62.4
180.00	13.6	6.8	33.9
202.50	13.4	5.6	30.3
225.00	16.8	7.2	38.4
247.50	11.1	4.2	23.7
270.00	10.2	4.3	23.0
292.50	14.2	6.2	32.7
315.00	29.1	10.9	61.8
337.50	28.4	11.9	64.0

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	45.6	16.4	94.7
22.50	37.4	13.8	78.9
45.00	18.2	9.8	47.7
67.50	19.0	10.3	50.0
90.00	22.4	10.8	54.8
112.50	23.2	11.4	57.5
135.00	37.7	19.1	94.9
157.50	57.9	17.2	109.4
180.00	33.7	12.5	71.2
202.50	35.3	12.5	72.7
225.00	36.2	14.7	80.2
247.50	23.5	10.3	54.4
270.00	15.1	6.7	35.2
292.50	18.1	6.9	38.8
315.00	20.7	8.9	47.3
337.50	34.2	19.6	92.9

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.9	4.8	26.3
22.50	20.1	8.6	45.8
45.00	26.7	11.2	60.4
67.50	23.6	10.3	54.4
90.00	14.7	5.7	32.0
112.50	40.9	14.2	83.6
135.00	41.4	13.0	80.5
157.50	24.3	10.6	56.3
180.00	20.6	8.6	46.4
202.50	33.4	10.5	65.0
225.00	26.3	7.7	49.3
247.50	26.6	10.0	56.8
270.00	14.5	6.9	35.0
292.50	11.2	4.5	24.8
315.00	13.3	6.5	32.8
337.50	10.0	3.6	20.9

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.5	8.6	43.4
22.50	16.3	6.6	36.0
45.00	18.9	8.0	42.8
67.50	21.3	10.1	51.6
90.00	16.3	6.8	36.6
112.50	15.9	7.5	38.5
135.00	14.6	5.9	32.4
157.50	13.9	6.8	34.3
180.00	11.2	5.2	26.8
202.50	12.2	5.0	27.3
225.00	17.1	9.2	44.8
247.50	20.5	8.6	44.3
270.00	18.1	6.5	37.7
292.50	22.0	6.2	40.6
315.00	17.2	8.5	42.8
337.50	26.1	10.2	56.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.9	7.2	38.6
22.50	15.8	6.7	35.7
45.00	23.2	10.6	55.1
67.50	20.9	11.4	55.1
90.00	16.5	7.8	39.9
112.50	17.9	8.1	42.1
135.00	20.5	11.1	53.8
157.50	40.0	15.7	87.2
180.00	26.7	11.3	60.6
202.50	36.1	9.0	63.0
225.00	34.6	10.5	66.1
247.50	32.2	7.5	54.6
270.00	20.2	8.4	45.4
292.50	14.2	5.1	29.6
315.00	13.2	5.9	30.9
337.50	28.5	8.5	54.1

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.7	3.3	18.5
22.50	19.7	7.3	41.5
45.00	14.5	5.9	32.3
67.50	15.5	6.8	35.9
90.00	15.5	5.8	32.9
112.50	18.7	6.9	39.5
135.00	21.0	7.0	41.9
157.50	17.8	7.4	39.9
180.00	12.8	4.3	25.9
202.50	12.6	4.0	24.5
225.00	7.3	2.2	13.8
247.50	7.6	3.0	16.4
270.00	8.2	3.2	17.8
292.50	9.2	3.4	19.5
315.00	12.6	5.1	28.0
337.50	8.3	2.7	16.4

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.8	10.4	53.9
22.50	31.5	16.3	80.4
45.00	48.9	19.4	107.2
67.50	42.6	20.2	103.2
90.00	35.0	12.0	70.9
112.50	35.2	11.8	70.6
135.00	39.9	12.3	76.8
157.50	19.7	9.6	48.4
180.00	16.1	7.9	39.9
202.50	20.9	10.4	52.2
225.00	21.0	9.7	50.1
247.50	36.3	11.6	71.1
270.00	40.5	11.4	74.8
292.50	38.6	10.4	69.8
315.00	38.1	14.1	80.4
337.50	35.6	11.4	70.0

LOCATION 20

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.1	9.6	49.8
22.50	26.4	13.3	66.3
45.00	30.2	14.7	74.1
67.50	28.1	14.1	70.4
90.00	26.7	12.1	63.1
112.50	24.4	12.3	61.2
135.00	23.9	10.9	56.5
157.50	26.3	11.9	61.9
180.00	25.4	11.7	60.6
202.50	32.7	10.6	64.5
225.00	27.7	8.9	54.5
247.50	29.8	10.9	62.6
270.00	23.6	9.5	52.0
292.50	27.8	9.5	56.3
315.00	24.9	10.6	56.6
337.50	20.7	10.1	51.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 21

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	33.3	14.9	77.9
22.50	27.5	10.9	60.3
45.00	26.5	9.6	55.4
67.50	22.5	9.4	50.8
90.00	18.4	8.1	42.6
112.50	32.2	16.0	80.2
135.00	49.7	16.1	98.0
157.50	48.8	19.1	106.0
180.00	38.8	17.2	90.4
202.50	33.3	12.0	69.4
225.00	35.3	11.8	70.7
247.50	28.8	9.7	58.0
270.00	16.4	7.9	40.0
292.50	13.7	4.9	28.3
315.00	21.8	7.6	44.6
337.50	23.9	9.9	53.5

LOCATION 22

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	20.0	5.5	36.4
22.50	25.0	7.3	46.7
45.00	25.9	7.0	47.0
67.50	30.6	9.1	57.7
90.00	12.9	6.6	32.4
112.50	13.1	6.1	31.4
135.00	11.2	4.4	24.5
157.50	14.5	6.4	33.8
180.00	17.0	5.8	34.3
202.50	10.8	4.7	24.8
225.00	16.6	7.8	39.9
247.50	14.6	7.0	35.4
270.00	12.7	6.0	30.6
292.50	12.5	5.6	29.2
315.00	24.0	6.7	44.1
337.50	16.5	4.7	30.5

LOCATION 23

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	20.7	8.7	46.8
22.50	31.2	12.9	69.9
45.00	33.7	11.0	66.7
67.50	32.2	11.3	66.0
90.00	29.7	9.7	58.7
112.50	41.7	15.9	89.4
135.00	43.2	15.4	89.2
157.50	21.3	10.6	53.0
180.00	16.8	6.7	37.0
202.50	22.6	8.4	47.8
225.00	23.9	7.5	46.3
247.50	28.0	8.8	54.3
270.00	26.5	9.5	54.9
292.50	18.1	7.7	41.0
315.00	24.4	11.8	59.9
337.50	18.2	8.3	43.1

LOCATION 24

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.4	8.4	41.6
22.50	21.6	10.4	52.8
45.00	17.9	8.9	44.7
67.50	21.8	11.7	57.0
90.00	20.8	9.0	47.9
112.50	19.3	9.3	47.1
135.00	20.1	10.9	52.7
157.50	24.2	11.5	58.7
180.00	16.7	7.5	39.1
202.50	17.8	8.0	41.8
225.00	17.9	8.3	42.8
247.50	28.8	8.6	54.7
270.00	23.9	8.2	48.4
292.50	24.0	7.9	47.6
315.00	18.9	8.8	45.4
337.50	21.6	9.0	48.5

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 25

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	32.4	9.3	60.4
22.50	38.5	11.1	71.8
45.00	16.4	9.3	44.3
67.50	16.8	9.2	44.2
90.00	22.1	10.3	53.0
112.50	28.6	10.2	59.4
135.00	33.0	10.0	63.0
157.50	28.3	10.4	59.6
180.00	29.1	9.2	56.6
202.50	20.1	7.6	43.0
225.00	15.5	7.3	37.5
247.50	19.6	9.3	47.5
270.00	19.8	8.1	44.0
292.50	21.2	5.2	36.6
315.00	19.7	8.1	43.9
337.50	27.8	8.2	52.3

LOCATION 26

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.3	6.0	33.2
22.50	21.6	8.1	45.8
45.00	22.5	7.8	45.7
67.50	15.4	6.2	34.1
90.00	23.3	9.1	50.5
112.50	30.6	10.3	61.6
135.00	15.1	8.2	39.8
157.50	12.9	5.5	29.5
180.00	11.4	5.1	26.6
202.50	13.9	5.3	29.7
225.00	19.5	7.0	40.6
247.50	27.2	9.1	54.6
270.00	16.7	6.3	35.8
292.50	16.4	6.5	36.0
315.00	15.5	6.2	34.1
337.50	15.4	6.3	34.2

LOCATION 27

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.5	4.6	25.3
22.50	16.6	7.5	39.2
45.00	16.9	7.4	39.0
67.50	16.7	7.9	40.4
90.00	31.0	11.3	65.0
112.50	40.6	11.2	74.2
135.00	20.5	8.4	45.7
157.50	9.3	3.9	21.1
180.00	10.8	4.0	22.8
202.50	13.3	4.8	27.7
225.00	13.0	5.6	29.7
247.50	22.1	7.0	43.1
270.00	19.0	7.4	41.1
292.50	28.1	9.8	57.5
315.00	18.3	7.9	42.1
337.50	17.4	8.1	41.6

LOCATION 28

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.7	8.2	54.3
22.50	33.6	12.2	70.1
45.00	11.8	6.1	30.1
67.50	10.1	4.8	24.6
90.00	22.9	10.1	53.2
112.50	20.9	8.8	47.1
135.00	19.4	7.4	41.7
157.50	18.2	8.0	42.2
180.00	18.6	7.7	41.7
202.50	13.8	6.0	31.7
225.00	14.5	8.1	38.7
247.50	17.6	7.9	41.3
270.00	22.9	7.5	45.2
292.50	22.9	5.3	38.8
315.00	22.2	8.4	47.3
337.50	24.9	7.6	47.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

LOCATION 29

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.9	6.1	32.2
22.50	25.2	7.2	46.9
45.00	22.3	6.5	41.9
67.50	16.7	6.3	35.7
90.00	6.9	2.9	15.5
112.50	11.6	5.5	28.1
135.00	17.3	5.6	34.2
157.50	20.1	6.1	38.4
180.00	8.0	2.9	16.9
202.50	7.6	2.5	14.9
225.00	7.0	2.4	14.3
247.50	10.2	4.2	22.9
270.00	8.2	3.6	18.9
292.50	7.4	2.9	16.1
315.00	6.1	2.4	13.3
337.50	9.4	3.5	20.0

LOCATION 30

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	22.1	9.5	50.7
22.50	28.1	12.3	64.9
45.00	20.4	8.9	47.1
67.50	21.3	9.8	50.5
90.00	27.1	8.9	63.7
112.50	40.3	8.9	67.1
135.00	31.4	7.5	54.0
157.50	30.7	7.0	51.8
180.00	12.5	5.9	30.1
202.50	10.7	5.0	25.6
225.00	11.3	5.2	26.9
247.50	24.9	9.4	53.0
270.00	36.5	8.9	63.3
292.50	47.8	12.6	85.5
315.00	39.3	14.3	82.3
337.50	35.4	12.3	72.2

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

SUN HOTEL PEDESTRIAN VELOCITIES

* * GREATEST VALUES * *

UMEAN/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
1	112.5	67.7	13.0	106.7
1	135.0	65.4	11.8	100.6
1	180.0	62.2	17.8	115.6
14	157.5	57.9	17.2	109.4
1	315.0	55.9	10.1	86.3
1	202.5	55.0	20.5	116.5
1	90.0	54.1	14.2	96.6
1	337.5	53.3	12.3	90.1
1	157.5	52.8	11.8	88.4
21	135.0	49.7	16.1	98.0

URMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3(S
1	202.5	55.0	20.5	116.5
19	67.5	42.6	20.2	103.2
14	337.5	34.2	19.6	92.9
19	45.0	48.9	19.4	107.2
14	135.0	37.7	19.1	94.9
21	157.5	48.8	19.1	106.0
1	180.0	62.2	17.8	115.6
21	180.0	38.8	17.2	90.4
14	157.5	57.9	17.2	109.4
5	157.5	39.6	16.4	88.7

UMEAN+3*RMS/UINF (PERCENT)

LOC	AZ	MEAN	RMS	M+3RMS
1	202.5	55.0	20.5	116.5
1	180.0	62.2	17.8	115.6
14	157.5	57.9	17.2	109.4
19	45.0	48.9	19.4	107.2
1	112.5	67.7	13.0	106.7
21	157.5	48.8	19.1	106.0
19	67.5	42.6	20.2	103.2
1	135.0	65.4	11.8	100.6
21	135.0	49.7	16.1	98.0
1	90.0	54.1	14.2	96.6

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

JOHANNESBURG (1953-1970)

SEASON : ANNUAL HT. OF MEAS.= 13 M

VELOCITY LEVELS IN M/S

DIRECTION	1-1.5	1.6-3.3	3.4-5.4	5.5-7.9	8.0-10.7	10.8-13.8	13.9-17.1	17.2+	TOTAL
N	.69	2.86	3.17	1.64	.63	.03	0.00	0.00	9.02
NNE	.41	1.64	1.78	.96	.35	.02	0.00	0.00	5.16
NE	.53	1.62	1.18	.38	.09	.01	0.00	0.00	3.81
ENE	.39	1.46	1.34	.64	.22	.01	0.00	0.00	4.06
E	.37	1.37	1.60	.98	.42	.07	0.00	0.00	4.81
ESE	.23	.80	.85	.54	.29	.06	.01	0.00	2.78
SE	.27	.94	.62	.25	.12	.01	0.00	0.00	2.21
SSE	.25	.95	.76	.27	.10	.01	0.00	0.00	2.34
S	.37	1.61	1.49	.65	.30	.04	.01	0.00	4.47
SSW	.37	1.82	1.88	.84	.40	.07	.02	0.00	5.40
SW	.33	1.42	1.28	.55	.22	.03	.01	0.00	3.84
WSW	.19	.79	.62	.32	.15	.01	0.00	0.00	2.08
W	.46	1.93	1.09	.33	.10	.02	0.00	0.00	3.93
WNW	.63	2.94	2.19	.85	.22	.03	0.00	0.00	6.86
NW	.97	4.33	3.31	1.55	.64	.06	0.00	0.00	10.86
NNW	.80	4.02	3.31	1.49	.58	.04	0.00	0.00	10.24
CALM	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.10
TOT	7.26	30.50	26.47	12.24	4.83	.52	.05	0.00	100.00

TABLE 4

SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40.

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic wind speed for Johannesburg*:

   50-yr peak gust at 13 m = 43 mps

   Effective mean wind speed = $\frac{43}{1.58}$ = 27.2 mps

   Mean gradient wind speed = $27.2\ (\frac{300}{13})^{.17}$ = 46.4 mps

   Mean wind at ref location U_∞ = gradient wind

   Reference pressure = $0.5\ \rho U_\infty^2 = (.84)(.613)(46.4)^2 = 1110\ N/m^2$

   Use reference pressure = $1110\ N/m^2$

2. Loads for 100-yr recurrence wind:

   100-yr peak gust at 13 m = 47 mps

   Multiply loads by $(\frac{47}{43})^2 = 1.19$

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

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

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

*Based on wind data provided in a letter to Mr. A. Abramowitz of Kampel, Abramowitz, Yawitch & Partners from Mr. J. L. Waldeck of the National Building Research Institute, Pretoria.

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
101	80	-1.76	-1951.3	1107.7	149	150	-.71	-784.3	170.4	227	350	-1.70	-1889.7	1134.4
102	260	-1.40	-1556.9	1106.5	150	230	-.75	-834.4	315.0	228	350	-2.10	-2330.5	901.1
103	160	-1.18	-1306.3	803.2	151	140	-1.36	-1508.5	742.4	229	80	-2.15	-2381.3	1047.8
104	80	-1.66	-1849.1	1144.9	152	130	-.86	-950.1	731.9	230	130	-2.47	-2738.8	687.6
105	270	-1.39	-1541.7	1073.1	153	50	-1.34	-1484.3	355.3	231	130	-2.61	-2895.0	349.0
106	80	-1.68	-1866.8	865.9	154	20	-.73	-807.4	205.3	232	120	-2.20	-2438.8	759.0
107	100	-1.43	-1592.0	713.3	155	140	-.75	-832.1	135.4	233	190	-1.25	-1382.9	947.6
108	140	-1.19	-1323.4	707.9	156	150	-.79	-876.1	324.2	234	340	-1.60	-1775.9	1032.1
109	260	-1.19	-1325.5	646.4	157	120	-1.12	-1242.2	710.4	235	350	-1.76	-1953.9	956.9
110	260	-1.27	-1408.1	633.4	158	160	-1.01	-1122.9	871.4	236	340	-1.86	-2060.5	823.8
111	270	-1.58	-1757.4	921.1	159	140	-.86	-956.1	715.6	237	80	-2.16	-2399.0	844.5
112	80	-1.97	-2187.7	996.5	160	130	-.61	-673.6	601.5	238	130	-2.16	-2401.3	744.8
113	80	-1.56	-1735.2	1194.9	161	50	.62	-644.6	692.9	239	120	-2.28	-2528.2	422.6
114	260	-1.28	-1418.9	1014.8	162	130	-1.09	-1212.6	261.4	240	130	-2.14	-2372.2	635.6
115	260	-1.35	-1497.9	1055.7	163	160	-.92	-1018.7	681.0	241	220	-1.29	-1429.6	770.8
116	270	-1.35	-1500.2	1059.4	164	160	-.92	-1024.1	666.1	242	330	-1.46	-1622.5	1091.1
117	260	-1.45	-1609.2	1060.9	165	140	-1.15	-1277.4	821.2	243	340	-2.30	-2555.2	938.5
118	80	-2.23	-2479.8	975.4	166	140	-.98	-1088.6	641.5	244	350	-1.92	-2127.5	1010.5
119	80	-1.54	-1708.4	989.2	167	150	-.83	-922.0	424.4	245	340	-2.16	-2393.6	625.0
120	80	-1.33	-1480.1	968.5	168	330	.70	-779.1	778.5	246	100	-1.97	-2181.7	715.5
121	250	-1.41	-1564.4	1022.5	169	140	-1.18	-1305.6	429.3	247	230	-1.96	-2171.5	512.0
122	270	-1.63	-1810.2	1038.8	170	60	-.78	-866.1	112.6	248	210	-2.36	-2615.7	643.3
123	260	-1.59	-1765.4	1107.4	201	150	-1.61	-1788.6	889.2	249	210	-1.35	-1503.9	705.6
124	90	-1.74	-1930.9	659.4	202	200	-1.72	-1910.6	1240.6	250	310	-1.07	-1191.5	708.3
125	80	-1.59	-1770.1	718.4	203	210	-1.21	-1341.4	906.7	251	310	-1.74	-1930.1	683.3
126	250	-1.25	-1385.6	905.1	204	160	-1.63	-1804.4	652.3	252	120	-1.59	-1768.9	562.7
127	250	-1.35	-1503.0	894.3	205	0	-1.60	-1776.0	995.6	253	110	-2.09	-2322.9	258.3
128	250	-1.87	-2077.4	900.4	206	190	-1.88	-2089.6	896.4	254	70	-1.59	-1765.7	535.2
129	260	-1.75	-1939.5	696.6	207	130	-2.19	-2436.2	307.7	255	130	-1.15	-1274.5	331.8
130	120	-1.76	-1954.7	498.2	208	120	-1.51	-1671.9	568.3	256	230	-.79	-876.0	416.3
131	120	-1.70	-1886.1	457.7	209	190	-1.38	-1536.9	709.4	257	320	-.81	-901.9	543.0
132	230	-1.33	-1480.9	497.6	210	340	-1.29	-1434.3	840.9	258	120	-.72	-796.2	500.8
133	230	-1.34	-1491.9	528.2	211	350	-1.30	-1447.9	941.5	259	120	-.88	-971.8	434.2
134	260	-1.42	-1570.9	540.8	212	350	-1.87	-2075.5	963.6	260	120	-1.27	-1409.4	435.6
135	260	-1.40	-1557.4	453.6	213	350	-1.89	-2097.0	1052.3	261	140	-1.50	-1670.3	182.6
136	120	-2.15	-2390.4	237.3	214	130	-2.16	-2394.1	846.8	262	130	-.67	-740.3	521.6
137	140	-1.91	-2123.8	184.2	215	120	-2.27	-2520.8	297.6	263	100	.64	-656.8	712.8
138	120	-1.29	-1433.9	169.8	216	130	-1.69	-1873.7	758.1	264	130	-.57	-636.5	343.0
139	220	-1.50	-1665.9	223.2	217	190	-1.38	-1532.1	939.6	265	210	-.82	-911.5	119.9
140	210	-2.78	-3083.6	320.7	218	340	-1.54	-1706.5	1237.3	266	30	-.73	-807.3	559.6
141	240	-1.81	-2011.4	296.6	219	350	-1.57	-1737.8	1090.0	267	30	-.81	-895.7	570.4
142	120	-1.64	-1825.9	149.9	220	350	-1.74	-1927.1	1136.6	268	150	-.93	-1034.6	341.8
143	120	-1.49	-1650.8	146.9	221	80	-2.04	-2266.6	1114.4	269	130	-.80	-891.8	488.7
144	140	-1.55	-1717.7	80.2	222	130	-2.45	-2722.7	693.1	270	160	.66	-465.1	728.9
145	140	-1.22	-1356.0	162.3	223	130	-2.40	-2668.9	399.9	271	160	.69	-578.1	761.2
146	230	-.96	-1061.6	127.1	224	130	-2.04	-2265.0	774.5	272	40	.78	-861.6	400.6
147	230	-1.60	-1771.9	107.6	225	180	-1.37	-1522.4	1099.0	273	70	.84	-535.6	931.8
148	200	-.75	-835.3	177.3	226	350	-1.55	-1719.7	1132.4	274	50	.71	-498.3	790.5

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
275	50	.56	-510.2	625.4	346	60	-1.13	-1259.7	670.0	445	160	-1.97	-2182.6	699.7
276	60	.61	-547.9	681.3	347	100	-1.68	-1863.3	827.7	446	220	-1.72	-1914.7	377.7
277	200	-.89	-985.9	375.4	348	60	-1.44	-1595.5	596.8	447	0	-1.64	-1822.1	247.6
301	260	-1.46	-1616.9	1104.9	349	50	-.81	-896.9	412.9	448	20	-1.88	-2091.7	277.6
302	70	-1.38	-1526.3	1353.6	401	340	-1.58	-1751.2	1106.0	449	30	-1.52	-1691.9	276.6
303	70	-1.23	-1362.2	877.3	402	0	-1.45	-1607.0	1101.9	450	150	-1.19	-1326.3	285.0
304	260	-1.55	-1718.3	1128.1	403	160	-1.33	-1473.2	812.6	451	140	-1.94	-2150.4	287.1
305	80	-1.54	-1705.4	993.2	404	160	-1.57	-1738.7	1098.1	452	130	-2.02	-2247.2	307.2
306	260	-1.51	-1680.7	793.8	405	180	-1.51	-1679.9	1193.9	453	140	-1.81	-2014.5	253.7
307	70	-1.30	-1439.0	865.2	406	350	-2.26	-2512.1	847.3	454	230	-1.16	-1285.7	167.5
308	80	-1.41	-1561.7	835.7	407	350	-2.33	-2586.8	1005.8	455	40	-1.02	-1133.5	73.2
309	70	-1.89	-2095.4	726.7	408	340	-1.40	-1558.8	895.8	456	60	-.87	-967.0	185.5
310	80	-1.24	-1375.5	691.1	409	160	-1.18	-1314.5	822.6	457	140	-.83	-923.8	265.5
311	80	-1.53	-1694.0	1054.9	410	160	-1.26	-1393.8	858.3	458	130	-.91	-1007.7	257.7
312	260	-1.47	-1626.9	1015.6	411	170	-1.42	-1577.8	916.4	459	130	-1.29	-1430.2	135.2
313	260	-1.54	-1705.8	1032.9	412	180	-1.99	-2204.4	887.3	460	130	-1.94	-2152.7	152.3
314	260	-1.21	-1340.1	1007.1	413	260	-1.88	-2088.5	964.4	461	130	-1.80	-1997.0	213.3
315	80	-1.33	-1478.7	1044.7	414	350	-2.22	-2469.5	1073.2	462	230	.88	-770.1	976.5
316	80	-1.46	-1615.1	1133.7	415	350	-1.77	-1960.6	1176.2	463	260	.71	-706.7	785.3
317	80	-1.18	-1314.2	1130.2	416	350	-1.79	-1982.5	1117.2	464	50	-1.02	-1134.7	204.7
318	250	-1.46	-1622.0	1233.3	417	0	-1.43	-1583.1	1108.8	465	350	-.91	-1009.7	139.1
319	260	-1.35	-1497.8	1084.9	418	160	-1.23	-1367.9	1118.9	466	240	-.80	-882.6	119.6
320	260	-1.40	-1557.0	912.6	419	180	-1.54	-1714.1	1040.4	467	280	-.95	-1056.6	137.7
321	70	-1.29	-1428.0	966.4	420	180	-1.44	-1601.7	1039.1	468	150	-.49	-542.6	56.5
322	90	-1.33	-1479.8	1121.6	421	260	-1.73	-1920.4	1103.8	469	140	-.35	-383.9	51.3
323	120	-1.11	-1229.6	1072.3	422	350	-2.05	-2271.7	1030.7	470	320	-.72	-796.9	43.3
324	260	-1.82	-2024.9	818.1	423	350	-2.37	-2632.4	1055.9	471	40	-.65	-724.5	155.9
325	320	-1.61	-1787.3	876.5	424	350	-1.68	-1861.9	1071.3	472	30	-1.31	-1454.9	303.2
326	260	-1.26	-1402.8	690.1	425	350	-1.37	-1515.8	1119.1	473	50	-.86	-957.3	137.9
327	70	-1.51	-1673.0	884.5	426	170	-1.25	-1382.8	1129.4	474	70	-.77	-858.2	93.5
328	80	-1.35	-1497.2	1200.4	427	160	-1.63	-1804.2	1073.1	475	250	-.67	-748.9	103.4
329	100	-1.36	-1509.8	946.9	428	180	-1.76	-1956.5	1046.6	476	140	-.65	-721.3	137.6
330	260	-1.48	-1639.4	577.0	429	180	-1.79	-1989.6	966.3	477	120	-.61	-681.5	128.1
331	320	-1.53	-1698.0	706.2	430	350	-1.94	-2156.9	683.8	478	120	-.69	-763.5	134.6
332	260	-1.32	-1465.5	632.8	431	350	-1.87	-2081.1	817.6	479	20	-.59	-657.4	229.3
333	80	-1.61	-1790.1	707.6	432	350	-1.83	-2026.3	858.4	480	140	-.91	-1008.4	250.1
334	70	-1.86	-2069.4	1008.8	433	350	-1.52	-1692.3	895.0	481	70	-.68	-758.1	272.7
335	20	-1.29	-1435.8	869.7	434	160	-1.56	-1731.7	950.7	482	20	-.67	-745.5	402.3
336	310	-1.64	-1825.4	380.1	435	170	-1.65	-1830.4	850.1	483	20	-.32	-354.7	165.1
337	260	-1.50	-1659.5	585.0	436	170	-1.49	-1651.7	1004.9	484	120	-.36	-403.9	272.5
338	70	-1.79	-1986.2	440.2	437	250	-1.79	-1989.5	825.0	485	30	-.42	-470.9	188.9
339	70	-1.85	-2052.4	642.3	438	260	-2.06	-2287.8	224.7	486	220	-.49	-538.6	94.2
340	90	-1.84	-2046.5	864.1	439	0	-1.79	-1981.4	574.7	487	30	-.47	-520.1	308.9
341	70	-1.63	-1804.1	1061.2	440	350	-1.78	-1973.2	557.7	801	140	-1.57	-1746.9	179.1
342	60	-1.40	-1553.4	345.8	441	140	-1.26	-1404.0	607.0	802	130	-1.29	-1432.9	103.4
343	320	-1.66	-1841.8	273.5	442	160	-1.47	-1629.7	699.8	803	140	-1.33	-1471.8	38.1
344	60	-1.51	-1675.3	292.7	443	160	-2.60	-2890.8	698.9	804	140	-1.35	-1498.1	90.3
345	50	-1.35	-1500.2	403.9	444	160	-2.08	-2304.7	633.9	805	140	-.87	-966.3	87.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110. PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
806	240	-.96	-1063.1	196.9	853	70	-1.29	-1427.6	91.3	941	180	-1.64	-1825.2	483.0
807	230	-.98	-1082.8	170.1	854	60	-1.31	-1452.5	174.9	942	260	-1.37	-1524.8	49.3
808	230	-.94	-1047.7	131.5	855	60	-1.34	-1488.5	194.9	943	190	-1.58	-1749.8	54.7
809	120	-1.12	-1248.0	73.9	856	140	-1.57	-1742.5	218.7	944	190	-2.20	-2446.3	184.5
810	140	-1.23	-1364.3	117.5	857	140	-1.31	-1452.5	792.9	945	200	-1.30	-1442.2	160.5
811	140	-1.13	-1258.6	12.1	858	60	-.80	-884.6	210.1	946	70	-1.07	-1188.4	21.3
812	140	-1.09	-1205.9	125.3	859	130	-.35	-393.9	281.3	947	140	-1.73	-1920.1	119.4
813	140	-.99	-1098.0	177.7	901	350	-1.91	-2121.2	638.1	948	140	-1.79	-1990.9	191.4
814	0	-1.25	-1387.6	255.2	902	350	-1.58	-1758.8	308.2	949	130	-1.84	-2043.4	387.6
815	230	-.78	-869.2	111.6	903	330	-1.69	-1880.5	211.9	950	170	-1.92	-2129.4	443.1
816	40	-.90	-999.2	19.5	904	120	-1.36	-1513.0	314.6	951	190	-2.16	-2400.7	227.6
817	120	-1.05	-1164.8	333.4	905	100	-1.35	-1500.7	408.8	952	190	-2.05	-2275.1	231.0
818	120	-1.27	-1414.9	147.0	906	90	-1.69	-1878.9	503.1	953	80	-1.54	-1707.2	330.6
819	120	-.61	-672.6	116.6	907	80	-1.62	-1797.4	431.8	954	80	-1.54	-1713.2	365.6
820	140	-.77	-859.2	378.2	908	90	-2.00	-2218.8	622.5	955	150	-2.10	-2335.7	469.3
821	140	-.62	-691.0	524.3	909	350	-1.59	-1760.6	218.4	956	140	-1.80	-1996.3	395.4
822	140	-.86	-949.8	443.4	910	330	-1.61	-1792.1	35.7	957	130	-2.03	-2257.0	463.8
823	60	-.95	-1055.3	164.9	911	350	-1.61	-1789.4	134.1	958	40	-1.25	-1392.1	373.3
824	130	-.91	-1005.9	360.7	912	260	-.88	-977.1	48.6	959	100	-.80	-885.3	290.6
825	120	-.96	-1062.5	336.6	913	350	-1.13	-1249.1	226.1	960	30	-1.38	-1536.9	528.2
826	150	-.78	-861.9	398.4	914	0	-1.35	-1496.7	188.9	961	320	-1.46	-1624.9	424.4
827	130	-1.06	-1176.7	374.6	915	90	-2.01	-2226.5	390.0	962	310	-.80	-893.4	365.3
828	130	-.60	-668.8	530.2	916	90	-1.82	-2016.8	261.0	963	50	-.84	-930.3	600.0
829	260	.78	-756.7	862.1	917	160	-1.51	-1677.4	184.2	964	40	-2.08	-2304.7	346.2
830	130	-.83	-920.2	543.7	918	0	-1.57	-1747.1	72.2	965	150	-1.07	-1183.5	250.8
831	80	-.67	-740.6	441.0	919	80	-1.76	-1951.3	569.6	966	60	-.70	-776.2	735.8
832	60	-.85	-943.8	320.1	920	80	-1.89	-2094.4	583.9	967	60	-.90	-1002.9	199.9
833	130	-.98	-1083.9	346.5	921	350	-1.54	-1706.6	571.6	968	330	-.73	-807.7	207.9
834	70	-.77	-857.7	463.0	922	240	-1.32	-1462.8	712.5	969	50	-.72	-799.4	660.3
835	80	-1.03	-1143.2	694.3	923	350	-1.58	-1753.4	564.4	970	50	-.95	-1055.8	262.8
836	40	-.76	-841.6	412.2	924	0	-1.77	-1964.7	230.6	971	150	-1.33	-1478.2	333.7
837	60	-.91	-1015.5	786.9	925	160	-1.26	-1398.8	113.5	972	120	-.95	-1057.6	246.9
838	50	-.91	-1007.1	193.9	926	40	-1.41	-1570.4	767.7	973	130	-.95	-1058.6	1036.2
839	130	-1.36	-1505.3	207.9	927	350	-1.49	-1650.8	746.7	974	40	-1.04	-1159.4	473.6
840	130	-1.81	-2004.5	216.8	928	170	-1.26	-1394.3	704.9	975	150	-.79	-872.6	204.8
841	70	-1.24	-1375.6	676.5	929	80	-1.57	-1742.8	382.4	976	160	-.74	-822.1	118.8
842	40	-1.22	-1358.8	254.1	930	210	-1.39	-1537.9	769.2	977	160	-.59	-653.2	159.1
843	60	-1.05	-1164.6	311.4	931	0	-1.38	-1529.5	201.4	978	160	-.72	-804.2	67.4
844	30	-1.15	-1280.2	220.0	932	160	-1.42	-1573.1	202.3	979	150	-1.48	-1641.1	400.8
845	50	-1.45	-1606.3	262.9	933	180	-1.27	-1412.9	471.9	980	120	-.87	-970.2	758.8
846	60	-1.15	-1279.7	199.2	934	180	-1.47	-1635.4	587.9	981	120	-.81	-898.2	886.4
847	150	-1.32	-1467.8	209.8	935	260	-1.44	-1595.5	500.5	982	50	-.66	-603.2	732.2
848	60	-1.26	-1402.6	186.2	936	50	-1.21	-1341.4	716.2	983	160	-1.34	-1490.4	326.5
849	30	-1.55	-1722.0	417.8	937	80	-1.43	-1588.7	395.4	984	120	-.94	-1046.4	357.1
850	40	-1.24	-1374.5	357.1	938	230	-1.67	-1857.5	160.5	985	50	-.69	-720.3	768.7
851	60	-1.29	-1431.6	265.7	939	230	-1.54	-1706.1	196.0	986	130	-.67	-743.7	617.3
852	50	-.93	-1026.9	103.3	940	80	-1.55	-1724.4	577.7					

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110. PA

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA
140	210	-2.78	-3083.6	320.7
231	130	-2.61	-2895.0	349.0
443	160	-2.60	-2890.8	698.9
230	130	-2.47	-2738.8	687.6
222	130	-2.45	-2722.7	693.1
223	130	-2.40	-2668.9	399.9
423	350	-2.37	-2632.4	1055.9
248	210	-2.36	-2615.7	643.3
407	350	-2.33	-2586.9	1005.8
243	340	-2.30	-2555.2	938.5
239	120	-2.28	-2528.4	422.6
215	120	-2.27	-2520.8	297.6
406	350	-2.26	-2512.1	847 3
118	80	-2.23	-2479.8	975 4
414	350	-2.22	-2469.5	1073.2

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
140	212	-2.21	-2450.5	395.9	230	126	-2.41	-2680.0	738.5	248	206	-2.26	-2504.0	463.1
215	138	-2.16	-2392.1	109.5	231	132	-2.40	-2668.4	464.7	407	348	-1.88	-2084.2	-71.1
222	124	-1.94	-2154.8	503.1	239	124	-2.42	-2685.1	452.9	423	348	-1.74	-1926.1	-44.9
223	140	-2.49	-2759.1	449.8	243	344	-1.93	-2140.3	523.1	443	154	-2.08	-2310.9	28.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : VON BRANDIS SUN HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110. PA

* * 12 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK PA
223	140	-2.49	-2759.1	449.8
239	124	-2.42	-2685.1	452.9
230	126	-2.41	-2680.0	738.5
231	132	-2.40	-2668.4	484.7
248	206	-2.26	-2504.0	463.1
140	212	-2.21	-2450.5	395.9
215	138	-2.16	-2392.1	109.5
443	154	-2.08	-2310.9	28.8
222	124	-1.94	-2154.8	503.1
243	344	-1.93	-2140.3	523.1
407	348	-1.88	-2084.2	-71.1
423	348	-1.74	-1926.1	-44.9

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TOWERS HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
1101	80	-1.96	-2178.4	1316.7	1202	50	-1.13	-1257.2	853.9	1305	40	-1.42	-1581.0	554.2
1102	80	-1.21	-1338.1	1216.1	1203	60	-2.12	-2354.5	575.5	1306	30	-1.28	-1425.4	706.1
1103	80	-1.27	-1406.5	1012.1	1204	40	-1.52	-1683.9	991.8	1307	70	-1.63	-1813.4	899.6
1104	70	-1.40	-1556.0	835.9	1205	30	-1.39	-1545.7	949.0	1308	40	-1.25	-1391.9	1214.7
1105	100	-1.30	-1439.5	868.8	1206	20	-1.79	-1988.2	872.1	1309	40	-1.29	-1431.4	908.7
1106	270	-1.40	-1555.3	1038.1	1207	20	-2.51	-2789.7	829.0	1310	50	-1.33	-1478.2	710.0
1107	100	-1.47	-1635.5	1361.7	1208	20	-3.28	-3643.6	586.9	1311	40	-1.13	-1256.5	855.5
1108	80	-1.31	-1458.5	1012.4	1209	40	-1.67	-1852.5	1060.0	1312	70	-.95	-1055.5	900.5
1109	80	-1.31	-1450.3	1352.9	1210	20	-1.44	-1599.8	1142.1	1313	250	-1.07	-1186.5	1083.7
1110	80	-1.37	-1524.2	1223.7	1211	20	-1.79	-1988.2	1082.6	1314	60	-1.39	-1540.5	1088.0
1111	80	-1.15	-1277.8	1104.5	1212	20	-1.75	-1946.5	858.8	1315	110	1.19	-895.3	1316.0
1112	90	-1.05	-1163.3	1047.5	1213	0	-1.95	-2163.1	416.8	1316	200	1.12	-949.7	1242.8
1113	270	-1.15	-1278.1	1152.3	1214	40	-1.73	-1923.0	1017.9	1317	160	1.00	-1044.0	1107.2
1114	90	-1.17	-1299.4	1276.0	1215	40	-1.39	-1546.1	1093.5	1318	200	.90	-872.7	996.3
1115	60	-1.59	-1766.1	956.8	1216	50	-2.25	-2501.7	1247.5	1319	50	-1.53	-1696.1	886.8
1116	60	-1.57	-1738.9	999.1	1217	50	-2.16	-2402.6	771.6	1320	70	-2.00	-2219.1	971.6
1117	80	-1.18	-1307.9	1156.0	1218	10	-1.91	-2117.4	602.9	1321	250	-1.33	-1480.7	829.3
1118	90	-1.25	-1391.9	1046.1	1219	170	-1.39	-1545.8	909.4	1322	110	-1.47	-1630.7	851.2
1119	260	-.99	-1101.2	730.6	1220	50	-1.34	-1482.5	1063.2	1323	150	.87	-675.2	969.6
1120	270	-1.21	-1343.7	918.2	1221	40	-2.31	-2565.9	917.4	1324	200	.78	-822.2	865.6
1121	270	-1.31	-1458.0	1040.1	1222	50	-2.43	-2693.1	558.4	1325	350	-.96	-1067.8	929.8
1122	70	-1.74	-1930.5	902.0	1223	50	-1.70	-1972.7	336.2	1326	200	.79	-758.0	879.3
1123	70	-1.83	-2034.3	1113.8	1224	40	.83	-715.3	918.1	1327	80	-1.39	-1537.5	840.4
1124	80	-1.45	-1611.8	1071.9	1225	40	.82	-857.0	912.7	1328	50	-1.36	-1514.0	862.5
1125	100	-1.13	-1251.8	910.1	1226	40	-2.04	-2267.2	777.4	1329	270	-1.22	-1358.9	426.1
1126	250	-1.17	-1293.9	589.2	1227	40	-1.56	-1727.7	260.0	1330	280	-1.30	-1445.9	547.1
1127	260	-1.22	-1349.6	906.0	1228	30	-1.75	-1945.5	433.1	1331	280	-.60	-667.7	643.7
1128	100	-1.10	-1223.6	778.8	1229	100	.76	-841.6	844.8	1332	290	-.69	-767.7	733.7
1129	80	-1.61	-1792.0	809.3	1230	120	.70	-661.3	780.4	1333	90	-.63	-696.1	616.8
1130	70	-1.46	-1617.4	964.4	1231	300	-.76	-841.3	569.2	1334	90	-.63	-696.1	675.6
1131	70	-1.60	-1773.4	1054.2	1232	310	-.93	-1035.4	491.6	1335	90	-1.02	-1132.0	491.6
1132	90	-.99	-1095.4	797.2	1233	300	-1.65	-1826.4	382.5	1336	90	-1.77	-1964.6	352.6
1133	250	-.88	-976.5	559.7	1234	110	.99	-620.7	650.2	1337	280	-1.79	-1992.3	379.4
1134	240	-1.21	-1343.5	722.7	1235	110	.68	-548.3	758.2	1338	110	-1.27	-1409.4	560.7
1135	110	-1.26	-1402.9	741.0	1236	30	-.57	-635.4	501.7	1339	40	-.50	-553.7	502.8
1136	100	-2.48	-2752.4	869.6	1237	70	-.55	-609.9	406.0	1340	310	-.53	-586.2	468.6
1137	90	-1.38	-1534.8	779.4	1238	40	-.74	-820.7	444.3	1341	40	-.55	-613.2	508.5
1138	100	-.87	-970.1	844.7	1239	160	.34	-361.6	381.3	1342	40	-.48	-528.2	376.5
1139	100	-.79	-872.0	616.2	1240	160	.48	-413.3	533.8	1343	40	-.60	-664.3	360.8
1140	110	-.93	-1029.7	487.1	1241	30	-1.15	-1275.7	1071.6	1344	40	-1.22	-1359.0	445.1
1141	140	-.76	-839.5	511.2	1242	250	-1.02	-1135.6	923.7	1345	290	-1.67	-1853.1	170.3
1142	100	-.80	-885.6	436.2	1243	260	-1.38	-1532.5	931.1	1346	300	-.63	-703.8	435.1
1143	90	-.64	-713.2	711.7	1244	290	-.69	-766.6	439.7	1347	350	-.93	-1037.6	603.4
1144	30	.74	-607.6	823.9	1245	150	.67	-558.3	741.1	1348	150	.67	-532.1	741.7
1145	110	-.60	-664.6	588.7	1301	20	-1.77	-1969.9	1018.2	1349	40	-.53	-588.0	537.2
1146	110	-.80	-886.3	693.0	1302	40	-1.73	-1916.8	828.1	1350	210	-.53	-583.0	585.7
1147	30	.78	-653.7	864.0	1303	50	-1.50	-1665.9	797.9	1351	30	-.58	-643.4	521.4
1201	50	-1.47	-1633.2	1103.1	1304	40	-1.83	-2035.3	722.2	1352	40	-.78	-866.9	501.1

TABLE 6A. PEAK LOADS FOR CONFIGURATION A : TOWERS HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110. PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
1353	150	.78	-583.0	867.2	1418	0	-1.84	-2044.2	488.9	1901	150	-.81	-902.4	156.9
1354	150	.77	-561.5	849.3	1419	150	-.97	-1073.7	624.5	1902	40	-1.15	-1278.9	185.0
1355	40	-.51	-569.6	535.5	1420	110	-1.12	-1241.4	635.9	1903	20	-1.49	-1657.4	544.1
1356	210	.57	-583.9	630.6	1421	90	-1.21	-1344.1	431.0	1904	30	-.86	-953.7	452.6
1357	150	.90	-537.4	1003.0	1422	330	-1.73	-1918.8	301.6	1905	120	-1.18	-1313.4	816.4
1358	160	.66	-578.1	734.1	1423	0	-1.43	-1582.6	296.9	1906	320	-.73	-809.6	689.5
1359	160	.79	-588.3	871.6	1424	10	-.90	-1004.0	436.4	1907	120	-1.01	-1122.6	959.2
1360	160	.61	-556.2	679.7	1425	140	-.62	-686.3	325.9	1908	120	-.67	-738.4	703.6
1361	150	.70	-671.4	777.6	1426	20	-.73	-810.1	374.5	1909	30	-.86	-611.8	954.7
1362	40	-.54	-599.0	561.9	1427	20	-1.39	-1537.8	457.9	1910	100	-.88	-978.7	929.1
1363	200	.63	-609.7	697.8	1428	10	-1.34	-1487.6	340.4	1911	260	-.82	-914.7	904.6
1401	10	-1.51	-1673.0	892.1	1429	20	-.97	-1073.6	527.3	1912	110	-.62	-691.9	675.6
1402	0	-1.59	-1769.8	876.6	1430	20	-.73	-815.5	617.0	1913	30	.96	-706.8	1070.0
1403	50	-1.54	-1710.3	1037.1	1431	30	-.68	-755.9	582.0	1914	30	.76	-766.9	844.5
1404	40	-1.12	-1240.7	805.9	1432	30	-.81	-893.7	359.3	1915	20	-.64	-707.6	300.5
1405	180	-1.64	-1824.9	899.6	1433	330	-.49	-541.8	197.9	1916	20	-1.88	-2083.3	398.0
1406	330	-2.15	-2383.2	1011.0	1434	30	-.66	-736.9	140.0	1917	330	-1.56	-1727.3	192.9
1407	340	-1.55	-1717.8	899.1	1435	30	-.46	-510.6	164.7	1918	50	-2.43	-2692.9	384.6
1408	0	-1.42	-1572.6	945.3	1436	340	-.36	-401.6	328.6	1919	20	-1.78	-1977.5	224.4
1409	330	-.90	-1004.0	944.1	1437	40	-.34	-375.8	273.4	1920	20	-2.17	-2403.3	214.7
1410	50	-.97	-1075.8	849.7	1438	40	-1.26	-1396.8	848.9	1921	300	-.67	-740.5	475.1
1411	200	-1.19	-1317.3	928.0	1439	40	-1.27	-1404.9	944.4	1922	40	-1.33	-1475.0	441.2
1412	340	-1.54	-1708.7	676.7	1440	40	-1.13	-1253.0	1047.3	1923	40	-1.44	-1601.3	184.3
1413	0	-1.41	-1570.1	673.9	1441	280	-1.00	-1114.7	928.0	1924	40	-.74	-820.8	479.8
1414	340	-.93	-1028.6	941.2	1442	90	-.89	-991.2	615.5	1925	20	-.83	-919.3	672.9
1415	200	-.89	-987.4	688.6	1443	300	-.53	-592.1	498.2	1926	50	-1.39	-1542.5	283.7
1416	200	-1.46	-1619.5	630.2	1444	40	-.52	-577.2	570.4	1927	40	-1.47	-1637.0	224.7
1417	0	-1.79	-1986.9	377.1	1445	150	.96	-610.1	1066.9	1928	20	.70	-529.4	779.0

TABLE 6A PEAK LOADS FOR CONFIGURATION A : TOWERS HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

* * 15 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
1208	20	-3.28	-3643.6	586.0
1207	20	-2.51	-2789.7	829.0
1136	100	-2.48	-2752.4	869.6
1222	50	-2.43	-2693.1	558.4
1918	50	-2.43	-2692.9	384.6
1221	40	-2.31	-2565.9	917.4
1216	50	-2.25	-2501.7	1247.5
1920	20	-2.17	-2403.3	214.7
1217	50	-2.16	-2402.6	771.6
1406	330	-2.15	-2383.2	1011.0
1203	60	-2.12	-2354.5	575.5
1226	40	-2.04	-2267.2	777.4
1320	70	-2.00	-2219.1	971.6
1101	80	-1.96	-2178.4	1316.7
1213	0	-1.95	-2163.1	416.8

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : TOWERS HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110. PA

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----	TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK ---- PA	POSITIVE PEAK ----
1136	90	-2.71	-3004.1	841.2	1217	46	-2.27	-2523.4	831.2	1918	30	-2.16	-2392.8	426.6
1207	16	-2.63	-2917.6	840.4	1221	40	-1.98	-2201.5	970.3	1920	16	-1.64	-1817.5	-14.6
1208	22	-3.12	-3466.2	660.1	1222	46	-2.71	-3008.8	709.2					

TABLE 6A. PEAK LOADS FOR CONFIGURATION B : TOWERS HOTEL, JOHANNESBERG
LARGEST VALUES OF CLADDING LOAD REFERENCE PRESSURE =1110 PA

* * 8 GREATEST PRESSURE MAGNITUDES * *

TAP	AZI-MUTH	PRESS COEFF	NEGATIVE PEAK PA	POSITIVE PEAK
1208	22	-3.12	-3466.2	660.1
1222	46	-2.71	-3008.8	709.2
1136	90	-2.71	-3004.1	841.2
1207	16	-2.63	-2917.6	840.4
1217	46	-2.27	-2523.4	831.2
1918	30	-2.16	-2392.8	426.6
1221	40	-1.98	-2201.5	970.3
1920	16	-1.64	-1817.5	-14.6

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : VON BRANDIS SUN HOTEL, JOHANNESBURG
CONFIGURATION A REFERENCE PRESSURE 1110 GUST FACTOR 1.32

AZIMUTH	SHEAR (KN)		MOMENT (MN-M)			ECCEN (M)	
	X	W	X	Y	Z	X	Y
0	-1997	1115	-83.5	-162.3	-.0	-0	-0
10	-1868	1388	-106.5	-156.3	.5	0	0
20	-1737	1965	-150.4	-139.2	.5	0	0
30	-2064	2704	-200.8	-160.0	1.1	0	0
40	-1843	2987	-220.9	-133.4	2.6	1	0
50	-1499	3319	-251.1	-94.5	6.5	2	1
60	-1009	2997	-225.8	-56.1	7.4	2	1
70	-606	2482	-194.2	-30.4	7.1	3	1
80	-117	2082	-164.2	-.5	7.1	3	0
90	-170	1027	-65.3	-8.6	4.3	4	1
100	-150	593	-20.9	-15.4	2.4	4	1
110	1122	546	-8.2	69.7	4.2	1	-1
120	2463	-199	42.1	170.6	11.3	-0	-3
130	2784	-150	36.5	204.6	13.9	-0	-5
140	2764	440	-15.6	207.8	11.9	1	-4
150	2347	757	-48.4	186.1	8.3	1	-3
160	1991	691	-54.0	168.5	6.8	1	-3
170	1134	262	-27.2	94.1	2.8	1	-2
180	1083	-580	44.6	90.1	-.9	-1	1
190	1791	-1363	100.6	141.4	-1.5	-0	1
200	2694	-1791	130.0	211.6	-2.7	0	1
210	2686	-2057	156.9	212.3	-1.1	0	0
220	2520	-2520	197.2	194.2	1.3	-0	-0
230	2450	-3181	244.5	180.6	3.3	-1	-1
240	2021	-2924	227.9	145.8	3.7	-1	-1
250	1048	-2426	196.4	77.0	3.8	-1	-1
260	26	-1998	162.8	1.4	3.2	-1	-1
270	-460	-1569	133.7	-32.9	1.7	1	-0
280	-855	-1819	154.5	-59.4	-.3	2	-1
290	-1077	-1876	154.0	-80.0	-2.7	1	-1
300	-1373	-1910	160.9	-110.8	-1.7	1	-0
310	-1875	-1805	144.9	-156.6	1.0	-0	0
320	-2286	-1590	123.7	-188.2	3.3	-1	1
330	-2541	-1181	93.0	-207.7	4.5	-1	2
340	-2212	-475	44.8	-179.4	3.8	-0	2
350	-1664	703	-49.8	-133.4	3.8	1	2

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1997.0	1114.7	-83.5	-162.3	-.0
		-1.0	-.5	7	8	-140.1	-67.5	-64	131					
VOID	17.58									-1996.9	1115.2	-63.9	-127.2	-.2
		-52.5	27.6	212	216	-247.2	128.1	1	2					
PLNT	24.08									-1943.5	1087.5	-56.8	-114.4	-.3
		-24.1	14.7	92	93	-262.5	157.3	1	2					
1ST	26.88									-1919.4	1072.9	-53.8	-109.0	-.4
		-24.9	16.3	92	93	-271.6	174.9	1	2					
2ND	29.68									-1894.5	1056.6	-50.8	-103.7	-.4
		-25.8	17.9	92	93	-280.8	192.5	1	2					
3RD	32.48									-1868.7	1038.6	-47.8	-98.4	-.5
		-26.6	19.6	92	93	-290.0	210.1	2	2					
4TH	35.28									-1842.1	1019.0	-45.0	-93.2	-.6
		-27.4	21.2	92	93	-299.2	227.7	2	2					
5TH	38.08									-1814.7	997.8	-42.1	-88.1	-.7
		-29.0	23.5	92	93	-315.9	251.6	2	2					
6TH	40.88									-1785.7	974.4	-39.4	-83.0	-.8
		-31.2	25.9	92	93	-340.3	277.4	2	2					
7TH	43.68									-1754.5	948.5	-36.7	-78.1	-.9
		-33.5	28.3	92	93	-364.7	303.2	2	2					
8TH	46.48									-1721.0	920.2	-34.1	-73.2	-1.0
		-35.7	30.7	92	93	-389.2	329.1	1	2					
9TH	49.28									-1685.3	889.5	-31.5	-68.4	-1.1
		-37.9	33.1	92	93	-413.6	354.9	1	2					
10TH	52.08									-1647.4	856.5	-29.1	-63.8	-1.2
		-40.2	35.5	92	93	-438.0	380.7	1	2					
11TH	54.88									-1607.2	821.0	-26.7	-59.2	-1.3
		-42.4	37.7	92	93	-462.5	404.0	1	1					
12TH	57.68									-1564.8	783.3	-24.5	-54.8	-1.5
		-45.0	37.6	92	93	-490.8	403.4	1	1					
13TH	60.48									-1519.8	745.7	-22.4	-50.5	-1.5
		-47.7	37.6	92	93	-519.9	402.8	1	1					
14TH	63.28									-1472.1	708.1	-20.3	-46.3	-1.6
		-50.4	37.5	92	93	-549.0	402.2	0	1					
15TH	66.08									-1421.7	670.6	-18.4	-42.2	-1.7
		-53.0	37.4	92	93	-578.2	401.6	0	0					
16TH	68.88									-1368.7	633.2	-16.6	-38.3	-1.7
		-55.7	37.4	92	93	-607.3	401.0	0	0					
17TH	71.67									-1313.0	595.8	-14.8	-34.6	-1.7
		-58.4	37.3	92	93	-636.4	400.4	-0	-0					
18TH	74.47									-1254.6	558.5	-13.2	-31.0	-1.7
		-61.0	36.7	92	93	-664.7	393.4	-0	-0					
19TH	77.27									-1193.6	521.8	-11.7	-27.5	-1.6
		-63.4	35.6	92	93	-691.1	381.9	-0	-1					
20TH	80.07									-1130.2	486.2	-10.3	-24.3	-1.6
		-65.8	34.5	92	93	-717.6	370.5	-0	-1					
21ST	82.87									-1064.4	451.7	-9.0	-21.2	-1.5
		-68.3	33.5	92	93	-744.1	359.0	-0	-1					
22ND	85.67									-996.1	418.2	-7.8	-18.3	-1.4
		-70.7	32.4	92	93	-770.5	347.6	-1	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-73.1	31.3	92	93	-797.0	336.1	-1	-1	-925.4	385.8	-6.6	-15.6	-1.3
24TH	91.27	-75.5	30.3	92	93	-823.4	325.1	-1	-1	-852.3	354.4	-5.6	-13.1	-1.2
25TH	94.07	-77.4	30.6	92	93	-843.3	328.2	-1	-1	-776.8	324.1	-4.7	-10.9	-1.1
26TH	96.87	-79.0	30.9	92	93	-861.1	331.3	-1	-1	-699.4	293.5	-3.8	-8.8	-1.0
27TH	99.67	-80.6	31.2	92	93	-878.9	334.3	-1	-1	-620.4	262.6	-3.0	-7.0	-.8
28TH	102.47	-82.3	31.5	92	93	-896.7	337.4	-1	-1	-539.8	231.5	-2.3	-5.3	-.7
29TH	105.27	-83.9	31.7	92	93	-914.5	340.4	-1	-1	-457.5	200.0	-1.7	-3.9	-.6
30TH	108.07	-85.5	32.0	92	93	-932.3	343.5	-0	-1	-373.6	168.3	-1.2	-2.8	-.5
31ST	110.87	-83.4	33.0	92	93	-909.2	354.0	-0	-1	-288.1	136.3	-.8	-1.8	-.3
32ND	113.67	-68.6	34.7	92	93	-747.9	372.0	-0	-1	-204.7	103.3	-.4	-1.2	-.2
PLNT	116.47	-79.3	53.3	147	150	-537.7	355.6	-0	-1	-136.1	68.6	-.2	-.7	-.1
PARA	120.97	-17.8	20.0	54	55	-331.9	365.8	-1	-0	-56.8	15.3	-.0	-.2	-.1
WATR	124.97	-39.0	-4.7	33	34	-1171.5	-138.0	0	-1	-39.0	-4.7	.0	-.0	-.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1868.1	1387.7	-106.5	-156.3	.5
VOID	17.58	-1.4	.3	7	8	-186.7	33.5	19	105	-1866.7	1387.4	-82.1	-123.5	.4
PLNT	24.08	-37.2	33.3	212	216	-175.3	154.6	1	1	-1829.5	1354.1	-73.2	-111.4	.3
1ST	26.88	-18.2	16.2	92	93	-198.1	173.7	1	1	-1811.4	1337.9	-69.4	-106.3	.3
2ND	29.68	-19.4	17.3	92	93	-211.9	185.2	1	1	-1791.9	1320.6	-65.7	-101.3	.3
3RD	32.48	-20.7	18.3	92	93	-225.7	196.8	1	1	-1771.2	1302.3	-62.0	-96.3	.2
4TH	35.28	-22.0	19.4	92	93	-239.4	208.3	1	1	-1749.2	1282.8	-58.4	-91.4	.2
5TH	38.08	-23.2	20.5	92	93	-253.2	219.8	1	1	-1726.0	1262.4	-54.8	-86.5	.1
6TH	40.88	-24.9	23.3	92	93	-271.9	250.3	1	1	-1701.1	1239.0	-51.3	-81.7	.1
7TH	43.68	-27.1	26.7	92	93	-295.6	286.7	1	1	-1674.0	1212.3	-47.9	-77.0	.0
8TH	46.48	-29.3	30.1	92	93	-319.3	323.1	1	1	-1644.7	1182.2	-44.6	-72.4	-.1
9TH	49.28	-31.5	33.5	92	93	-343.0	359.5	1	1	-1613.2	1148.6	-41.3	-67.8	-.2
10TH	52.08	-33.6	36.9	92	93	-366.7	395.8	1	1	-1579.6	1111.7	-38.1	-63.3	-.3
11TH	54.88	-35.8	40.3	92	93	-390.4	432.2	2	1	-1543.8	1071.4	-35.1	-58.9	-.4
12TH	57.68	-38.0	43.5	92	93	-414.1	466.2	2	1	-1505.8	1028.0	-32.1	-54.7	-.5
13TH	60.48	-40.3	44.5	92	93	-439.1	477.7	1	1	-1465.5	983.5	-29.3	-50.5	-.6
14TH	63.28	-42.6	45.6	92	93	-464.5	489.1	1	1	-1422.9	937.9	-26.6	-46.5	-.7
15TH	66.08	-44.9	46.7	92	93	-489.8	500.6	1	1	-1377.9	891.2	-24.1	-42.6	-.8
16TH	68.88	-47.3	47.7	92	93	-515.2	512.1	1	1	-1330.7	843.4	-21.6	-38.8	-.9
17TH	71.67	-49.6	48.8	92	93	-540.5	523.5	1	1	-1281.1	794.6	-19.3	-35.1	-.9
18TH	74.47	-51.9	49.9	92	93	-565.9	535.0	0	0	-1229.2	744.8	-17.2	-31.6	-1.0
19TH	77.27	-54.4	49.7	92	93	-592.6	533.5	0	0	-1174.8	695.0	-15.2	-28.2	-1.0
20TH	80.07	-57.1	48.8	92	93	-622.2	523.2	0	0	-1117.7	646.2	-13.3	-25.0	-1.0
21ST	82.87	-59.8	47.8	92	93	-651.9	512.8	0	0	-1057.9	598.4	-11.6	-22.0	-1.0
22ND	85.67	-62.5	46.8	92	93	-681.6	502.5	-0	-0	-995.4	551.6	-9.9	-19.1	-1.0
		-65.2	45.9	92	93	-711.2	492.1	-0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-930.2	505.7	-8.5	-16.4	-1.0
		-68.0	44.9	92	93	-740.9	481.8	-0	-0					
24TH	91.27									-862.2	460.8	-7.1	-13.9	-.9
		-70.7	44.0	92	93	-770.6	471.5	-0	-1					
25TH	94.07									-791.5	416.8	-5.9	-11.6	-.9
		-73.1	43.3	92	93	-797.0	464.9	-0	-1					
26TH	96.87									-718.4	373.5	-4.8	-9.5	-.8
		-75.4	42.7	92	93	-822.4	458.2	-0	-1					
27TH	99.67									-642.9	330.8	-3.8	-7.6	-.7
		-77.8	42.1	92	93	-847.9	451.6	-0	-1					
28TH	102.47									-565.2	288.7	-2.9	-5.9	-.7
		-80.1	41.5	92	93	-873.3	444.9	-0	-1					
29TH	105.27									-485.0	247.2	-2.2	-4.4	-.6
		-82.4	40.9	92	93	-898.7	438.3	-0	-1					
30TH	108.07									-402.6	206.3	-1.5	-3.2	-.5
		-84.8	40.2	92	93	-924.2	431.6	-0	-1					
31ST	110.87									-317.8	166.1	-1.0	-2.1	-.4
		-83.7	40.2	92	93	-912.3	431.5	-0	-1					
32ND	113.67									-234.1	125.9	-.6	-1.4	-.3
		-71.1	40.8	92	93	-774.7	437.9	-1	-1					
PLNT	116.47									-163.0	85.0	-.3	-.8	-.2
		-87.8	57.4	147	150	-595.4	383.0	-1	-1					
PARA	120.97									-75.3	27.6	-.1	-.3	-.1
		-35.8	27.7	54	55	-666.7	506.9	-0	-0					
WATR	124.97									-39.5	-.0	.0	-.0	-.0
		-39.5	-.0	33	34	-1186.7	-.8	0	-1					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1736.5	1965.3	-150.4	-139.2	.0
VOID	17.58	-1.9	.7	7	8	-254.2	92.3	39	105	-1734.7	1964.6	-115.8	-108.7	-.2
PLNT	24.08	-45.1	68.2	212	216	-212.5	316.6	-1	-1	-1689.6	1896.4	-103.3	-97.6	-.1
1ST	26.88	-21.1	31.0	92	93	-230.3	332.4	-1	-1	-1668.5	1865.4	-98.0	-92.9	-.0
2ND	29.68	-22.1	31.9	92	93	-241.0	341.9	-0	-0	-1646.3	1833.5	-92.9	-88.2	.0
3RD	32.48	-23.1	32.8	92	93	-251.8	351.5	-0	-0	-1623.2	1800.7	-87.8	-83.6	.0
4TH	35.28	-24.1	33.7	92	93	-262.5	361.0	0	0	-1599.2	1767.1	-82.8	-79.1	.0
5TH	38.08	-25.1	34.5	92	93	-273.3	370.5	0	0	-1574.1	1732.5	-77.9	-74.7	.0
6TH	40.88	-27.1	37.1	92	93	-295.7	398.0	0	0	-1547.0	1695.4	-73.1	-70.3	-.0
7TH	43.68	-30.3	40.2	92	93	-330.3	430.9	0	0	-1516.7	1655.3	-68.4	-66.0	-.0
8TH	46.48	-33.5	43.2	92	93	-364.9	463.8	0	0	-1483.2	1612.0	-63.8	-61.8	-.0
9TH	49.28	-36.7	46.3	92	93	-399.5	496.8	-0	-0	-1446.5	1565.7	-59.4	-57.7	-.0
10TH	52.08	-39.8	49.4	92	93	-434.1	529.7	-0	-0	-1406.7	1516.3	-55.0	-53.7	-.0
11TH	54.88	-43.0	52.5	92	93	-468.7	562.6	-0	-0	-1363.7	1463.9	-50.9	-49.8	.0
12TH	57.68	-46.2	55.3	92	93	-503.3	593.0	-0	-0	-1317.5	1408.6	-46.8	-46.1	.0
13TH	60.48	-47.3	55.8	92	93	-516.1	598.7	-0	-0	-1270.2	1352.8	-43.0	-42.5	.0
14TH	63.28	-48.1	56.4	92	93	-524.1	604.4	-0	-0	-1222.1	1296.4	-39.3	-39.0	.1
15TH	66.08	-48.8	56.9	92	93	-532.2	610.1	-0	-0	-1173.3	1239.5	-35.7	-35.6	.1
16TH	68.88	-49.6	57.4	92	93	-540.3	615.9	-0	-0	-1123.7	1182.1	-32.3	-32.4	.1
17TH	71.67	-50.3	58.0	92	93	-548.4	621.6	0	0	-1073.4	1124.2	-29.1	-29.3	.1
18TH	74.47	-51.0	58.5	92	93	-556.4	627.3	0	0	-1022.4	1065.7	-26.0	-26.4	.0
19TH	77.27	-51.7	59.0	92	93	-563.9	633.3	0	0	-970.6	1006.6	-23.1	-23.6	.0
20TH	80.07	-52.3	59.6	92	93	-569.9	639.5	0	0	-918.4	947.0	-20.4	-21.0	.0
21ST	82.87	-52.8	60.2	92	93	-576.0	645.8	0	0	-865.5	886.8	-17.8	-18.5	.0
22ND	85.67	-53.4	60.8	92	93	-582.1	652.0	0	0	-812.1	826.0	-15.4	-16.1	-.0
		-54.0	61.4	92	93	-588.1	658.2	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-758.2	764.6	-13.2	-13.9	-.0
		-54.5	61.9	92	93	-594.2	664.4	0	0					
24TH	91.27									-703.7	702.7	-11.2	-11.9	-.0
		-55.1	62.5	92	93	-600.3	670.6	0	0					
25TH	94.07									-648.6	640.2	-9.3	-10.0	-.0
		-56.4	62.9	92	93	-615.0	674.7	0	0					
26TH	96.87									-592.2	577.3	-7.6	-8.2	-.1
		-58.0	63.3	92	93	-632.4	678.8	0	0					
27TH	99.67									-534.2	514.0	-6.0	-6.7	-.1
		-59.6	63.7	92	93	-649.9	683.0	0	0					
28TH	102.47									-474.5	450.3	-4.7	-5.3	-.1
		-61.2	64.1	92	93	-667.4	687.1	0	0					
29TH	105.27									-413.3	386.3	-3.5	-4.0	-.1
		-62.8	64.4	92	93	-684.8	691.2	0	0					
30TH	108.07									-350.5	321.8	-2.5	-2.9	-.1
		-64.4	64.8	92	93	-702.3	695.3	-0	-0					
31ST	110.87									-286.1	257.0	-1.7	-2.1	-.1
		-64.4	63.4	92	93	-702.1	680.3	-0	-0					
32ND	113.67									-221.7	193.6	-1.1	-1.3	-.1
		-58.9	60.2	92	93	-642.2	646.0	-0	-0					
PLNT	116.47									-162.7	133.3	-.6	-.8	-.1
		-83.2	70.3	147	150	-564.2	469.2	-0	-0					
PARA	120.97									-79.6	63.0	-.2	-.3	-.0
		-47.9	42.9	54	55	-893.1	785.4	-0	-0					
WATR	124.97									-31.6	20.2	-.0	-.0	-.0
		-31.6	20.2	33	34	-950.6	595.6	-0	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2063.7	2704.5	-200.8	-160.0	1.1
VOID	17.58	-2.1	-.2	7	8	-281.4	-27.4	-12	124	-2061.6	2704.7	-153.2	-123.8	.9
PLNT	24.08	-90.5	100.4	212	216	-426.6	465.7	-0	-0	-1971.1	2604.3	-136.0	-110.7	.9
1ST	26.88	-41.5	49.2	92	93	-451.9	527.9	-0	-0	-1929.6	2555.1	-128.7	-105.2	.9
2ND	29.68	-42.9	52.7	92	93	-467.2	565.4	0	0	-1886.8	2502.4	-121.7	-99.9	.9
3RD	32.48	-44.3	56.2	92	93	-482.5	602.9	0	0	-1842.5	2446.2	-114.7	-94.7	.9
4TH	35.28	-45.7	59.7	92	93	-497.8	640.4	0	0	-1796.8	2386.5	-108.0	-89.6	.8
5TH	38.08	-47.1	63.2	92	93	-513.1	677.9	1	0	-1749.8	2323.3	-101.4	-84.6	.8
6TH	40.88	-47.2	65.3	92	93	-514.3	699.9	1	0	-1702.6	2258.0	-95.0	-79.8	.7
7TH	43.68	-46.0	66.9	92	93	-501.1	717.2	1	0	-1656.6	2191.2	-88.7	-75.1	.7
8TH	46.48	-44.8	68.5	92	93	-487.9	734.4	1	0	-1611.9	2122.7	-82.7	-70.5	.6
9TH	49.28	-43.5	70.1	92	93	-474.6	751.7	1	0	-1568.3	2052.6	-76.8	-66.0	.5
10TH	52.08	-42.3	71.7	92	93	-461.4	768.9	1	0	-1526.0	1980.9	-71.2	-61.7	.5
11TH	54.88	-41.1	73.3	92	93	-448.1	786.2	1	0	-1484.9	1907.6	-65.8	-57.5	.4
12TH	57.68	-39.9	74.8	92	93	-434.9	802.0	1	0	-1445.0	1832.8	-60.5	-53.4	.3
13TH	60.48	-40.8	75.0	92	93	-445.0	804.5	1	0	-1404.2	1757.8	-55.5	-49.4	.3
14TH	63.28	-42.2	75.2	92	93	-460.2	806.9	1	0	-1361.9	1682.6	-50.7	-45.5	.2
15TH	66.08	-43.6	75.5	92	93	-475.4	809.4	1	0	-1318.3	1607.1	-46.1	-41.8	.2
16TH	68.88	-45.0	75.7	92	93	-490.6	811.9	0	0	-1273.3	1531.5	-41.7	-38.1	.1
17TH	71.67	-46.4	75.9	92	93	-505.7	814.3	0	0	-1226.9	1455.5	-37.5	-34.6	.1
18TH	74.47	-47.8	76.2	92	93	-520.9	816.8	0	0	-1179.1	1379.4	-33.5	-31.3	.0
19TH	77.27	-49.5	76.7	92	93	-539.8	822.9	0	0	-1129.6	1302.7	-29.8	-28.0	.0
20TH	80.07	-52.0	77.5	92	93	-566.7	831.5	0	0	-1077.6	1225.1	-26.2	-25.0	-.0
21ST	82.87	-54.4	78.3	92	93	-593.5	840.1	0	0	-1023.2	1146.8	-22.9	-22.0	-.0
22ND	85.67	-56.9	79.1	92	93	-620.4	848.6	0	0	-966.3	1067.7	-19.8	-19.2	-.1
		-59.4	79.9	92	93	-647.2	857.2	0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-61.8	80.7	92	93	-674.0	865.8	0	0	-906.9	987.8	-16.9	-16.6	-.1
24TH	91.27	-64.3	81.5	92	93	-700.9	874.3	0	0	-845.1	907.1	-14.3	-14.2	-.1
25TH	94.07	-67.0	82.2	92	93	-730.0	881.4	0	0	-780.8	825.6	-11.9	-11.9	-.1
26TH	96.87	-69.7	82.8	92	93	-759.8	888.5	0	0	-713.8	743.4	-9.7	-9.8	-.1
27TH	99.67	-72.4	83.5	92	93	-789.6	895.6	0	0	-644.1	660.5	-7.7	-7.9	-.1
28TH	102.47	-75.2	84.2	92	93	-819.4	902.7	-0	-0	-571.7	577.0	-6.0	-6.2	-.1
29TH	105.27	-77.9	84.8	92	93	-849.2	909.8	-0	-0	-496.5	492.9	-4.5	-4.7	-.1
30TH	108.07	-80.6	85.5	92	93	-879.0	916.9	-0	-0	-418.6	408.1	-3.2	-3.4	-.1
31ST	110.87	-80.7	82.6	92	93	-880.0	886.2	-0	-0	-338.0	322.6	-2.2	-2.3	-.1
32ND	113.67	-71.9	76.2	92	93	-783.9	817.8	-0	-0	-257.2	240.0	-1.4	-1.5	-.1
PLNT	116.47	-97.1	79.1	147	150	-658.8	528.2	-0	-0	-185.3	163.7	-.8	-.9	-.1
PARA	120.97	-56.4	53.7	54	55	-1051.9	984.2	-0	-0	-88.2	84.6	-.3	-.3	-.0
WATR	124.97	-31.7	30.8	33	34	-954.1	911.4	0	0	-31.7	30.8	-.0	-.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1842.7	2987.2	-220.9	-133.4	2.6
VOID	17.58	-1.8	.4	7	8	-248.2	48.8	27	136	-1840.9	2986.8	-168.4	-101.0	2.3
PLNT	24.08	-112.0	105.6	212	216	-528.0	489.8	-0	-0	-1728.9	2881.2	-149.3	-89.4	2.3
1ST	26.88	-49.5	53.4	92	93	-539.0	572.3	0	0	-1679.4	2827.8	-141.3	-84.7	2.3
2ND	29.68	-50.1	58.0	92	93	-545.7	622.1	0	0	-1629.4	2769.9	-133.5	-80.0	2.3
3RD	32.48	-50.7	62.6	92	93	-552.3	671.8	0	0	-1578.7	2707.2	-125.8	-75.5	2.3
4TH	35.28	-51.3	67.3	92	93	-559.0	721.6	1	0	-1527.4	2639.9	-118.3	-71.2	2.2
5TH	38.08	-51.9	71.9	92	93	-565.7	771.4	1	1	-1475.5	2568.0	-111.0	-67.0	2.1
6TH	40.88	-51.3	74.1	92	93	-559.1	795.2	1	1	-1424.2	2493.9	-103.9	-62.9	2.0
7TH	43.68	-49.4	75.6	92	93	-538.9	810.9	1	1	-1374.8	2418.3	-97.0	-59.0	1.9
8TH	46.48	-47.6	77.1	92	93	-516.7	826.6	1	1	-1327.2	2341.2	-90.4	-55.2	1.8
9TH	49.28	-45.7	78.5	92	93	-498.6	842.4	1	1	-1281.5	2262.7	-83.9	-51.6	1.7
10TH	52.08	-43.9	80.0	92	93	-478.4	858.1	1	1	-1237.6	2182.7	-77.7	-48.0	1.6
11TH	54.88	-42.0	81.5	92	93	-458.2	873.8	1	1	-1195.5	2101.2	-71.7	-44.6	1.5
12TH	57.68	-40.2	82.8	92	93	-438.0	888.6	1	1	-1155.4	2018.4	-65.9	-41.3	1.4
13TH	60.48	-39.9	83.4	92	93	-435.5	894.4	1	1	-1115.4	1935.0	-60.4	-38.2	1.3
14TH	63.28	-40.1	83.9	92	93	-436.7	900.3	1	0	-1075.3	1851.0	-55.1	-35.1	1.2
15TH	66.08	-40.2	84.5	92	93	-437.9	906.2	1	0	-1035.2	1766.6	-50.1	-32.1	1.1
16TH	68.88	-40.3	85.0	92	93	-439.2	912.0	1	0	-994.9	1681.5	-45.2	-29.3	1.0
17TH	71.67	-40.4	85.6	92	93	-440.4	917.9	1	0	-954.5	1596.0	-40.6	-26.6	.9
18TH	74.47	-40.5	86.1	92	93	-441.6	923.8	1	0	-914.0	1509.8	-36.3	-24.0	.8
19TH	77.27	-41.1	86.6	92	93	-447.9	929.2	1	0	-872.9	1423.2	-32.2	-21.5	.8
20TH	80.07	-42.6	87.1	92	93	-464.7	934.3	1	0	-830.2	1336.1	-28.3	-19.1	.7
21ST	82.87	-44.2	87.6	92	93	-481.6	939.4	1	0	-786.1	1248.5	-24.7	-16.8	.6
22ND	85.67	-45.7	88.1	92	93	-498.4	944.5	1	0	-740.3	1160.5	-21.3	-14.7	.6
		-47.3	88.5	92	93	-515.3	949.6	1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-693.1	1071.9	-18.2	-12.7	.5
		-48.8	89.0	92	93	-532.1	954.8	0	0					
24TH	91.27									-644.3	982.9	-15.3	-10.8	.5
		-50.4	89.5	92	93	-549.0	960.0	0	0					
25TH	94.07									-593.9	893.4	-12.7	-9.1	.4
		-51.9	90.2	92	93	-566.1	967.4	0	0					
26TH	96.87									-542.0	803.2	-10.3	-7.5	.4
		-53.5	90.9	92	93	-583.2	974.8	0	0					
27TH	99.67									-488.5	712.3	-8.2	-6.0	.3
		-55.1	91.6	92	93	-600.4	982.3	0	0					
28TH	102.47									-433.4	620.7	-6.3	-4.7	.2
		-56.7	92.3	92	93	-617.5	989.7	0	0					
29TH	105.27									-376.7	528.5	-4.7	-3.6	.2
		-58.2	93.0	92	93	-634.7	997.2	0	0					
30TH	108.07									-318.5	435.5	-3.4	-2.6	.1
		-59.8	93.7	92	93	-651.8	1004.6	0	0					
31ST	110.87									-258.7	341.8	-2.3	-1.8	.1
		-59.7	90.4	92	93	-651.1	969.2	0	0					
32ND	113.67									-199.0	251.5	-1.5	-1.2	.0
		-54.1	83.1	92	93	-590.1	891.1	0	0					
PLNT	116.47									-144.8	168.4	-.9	-.7	-.0
		-75.3	80.4	147	150	-510.6	536.5	-0	-0					
PARA	120.97									-69.6	88.0	-.3	-.2	.0
		-45.5	51.7	54	55	-848.6	947.6	-0	-0					
WATR	124.97									-24.0	36.3	-.0	-.0	.0
		-24.0	36.3	33	34	-721.9	1071.5	0	0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1499.0	3319.1	-251.1	-94.5	6.5
		-2.6	1.0	7	8	-356.9	136.7	32	81					
VOID	17.58									-1496.4	3318.1	-192.7	-68.1	6.3
		-120.9	87.3	212	216	-570.0	404.7	0	0					
PLNT	24.08									-1375.4	3230.8	-171.5	-58.6	6.2
		-53.5	48.4	92	93	-583.7	518.6	1	1					
1ST	26.88									-1321.9	3182.5	-162.5	-55.0	6.1
		-54.3	54.8	92	93	-592.0	587.3	1	1					
2ND	29.68									-1267.6	3127.7	-153.6	-51.4	6.1
		-55.1	61.2	92	93	-600.3	656.1	1	1					
3RD	32.48									-1212.5	3066.6	-145.0	-47.9	5.9
		-55.8	67.6	92	93	-608.6	724.8	1	1					
4TH	35.28									-1156.7	2999.0	-136.5	-44.6	5.8
		-56.6	74.0	92	93	-616.9	793.5	1	1					
5TH	38.08									-1100.1	2925.0	-128.2	-41.4	5.7
		-56.2	77.0	92	93	-612.8	825.9	1	1					
6TH	40.88									-1043.9	2848.0	-120.1	-38.4	5.5
		-54.7	79.0	92	93	-596.0	847.0	1	1					
7TH	43.68									-989.2	2769.0	-112.2	-35.6	5.3
		-53.1	80.9	92	93	-579.1	868.1	1	1					
8TH	46.48									-936.1	2688.1	-104.6	-32.9	5.2
		-51.6	82.9	92	93	-562.2	889.2	2	1					
9TH	49.28									-884.5	2605.2	-97.2	-30.4	5.0
		-50.0	84.9	92	93	-545.4	910.3	2	1					
10TH	52.08									-834.5	2520.3	-90.0	-28.0	4.8
		-48.5	86.8	92	93	-528.5	931.4	2	1					
11TH	54.88									-786.0	2433.5	-83.1	-25.7	4.6
		-46.9	88.8	92	93	-511.6	952.5	2	1					
12TH	57.68									-739.0	2344.7	-76.4	-23.5	4.4
		-44.5	90.8	92	93	-494.5	973.6	2	1					
13TH	60.48									-694.6	2253.9	-70.0	-21.5	4.2
		-41.8	92.7	92	93	-455.3	994.6	2	1					
14TH	63.28									-652.8	2161.2	-63.8	-19.7	4.0
		-39.1	94.7	92	93	-426.0	1015.7	2	1					
15TH	66.08									-613.8	2066.5	-57.9	-17.9	3.8
		-36.4	96.7	92	93	-396.7	1036.8	2	1					
16TH	68.88									-577.4	1969.8	-52.2	-16.2	3.6
		-33.7	98.6	92	93	-367.5	1057.9	2	1					
17TH	71.67									-543.6	1871.2	-46.8	-14.6	3.4
		-31.0	100.6	92	93	-338.2	1079.0	2	1					
18TH	74.47									-512.6	1770.6	-41.7	-13.2	3.2
		-29.0	102.0	92	93	-316.1	1094.4	2	1					
19TH	77.27									-483.6	1668.6	-36.9	-11.8	3.0
		-28.4	103.1	92	93	-309.3	1105.8	2	1					
20TH	80.07									-455.3	1565.5	-32.4	-10.5	2.7
		-27.7	104.2	92	93	-302.4	1117.3	2	1					
21ST	82.87									-427.5	1461.3	-28.2	-9.2	2.5
		-27.1	105.2	92	93	-295.6	1128.7	2	0					
22ND	85.67									-400.4	1356.1	-24.2	-8.1	2.3
		-26.5	106.3	92	93	-288.8	1140.2	2	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-373.9	1249.8	-20.6	-7.0	2.1
		-25.9	107.4	92	93	-282.0	1151.7	2	0					
24TH	91.27									-348.0	1142.4	-17.2	-6.0	1.9
		-25.2	108.4	92	93	-275.2	1163.0	2	0					
25TH	94.07									-322.8	1034.0	-14.2	-5.0	1.7
		-26.1	109.0	92	93	-284.1	1169.0	2	0					
26TH	96.87									-296.7	925.0	-11.4	-4.2	1.5
		-27.3	109.5	92	93	-298.0	1175.0	2	0					
27TH	99.67									-269.4	815.5	-9.0	-3.4	1.3
		-28.6	110.1	92	93	-312.0	1181.0	2	0					
28TH	102.47									-240.8	705.4	-6.9	-2.7	1.1
		-29.9	110.7	92	93	-325.9	1187.0	2	0					
29TH	105.27									-210.9	594.7	-5.0	-2.0	.9
		-31.2	111.2	92	93	-339.8	1193.0	2	0					
30TH	108.07									-179.7	483.5	-3.5	-1.5	.7
		-32.5	111.8	92	93	-353.7	1199.0	2	0					
31ST	110.87									-147.2	371.7	-2.3	-1.0	.5
		-33.0	107.3	92	93	-359.4	1150.6	2	0					
32ND	113.67									-114.3	264.4	-1.4	-.7	.3
		-31.0	97.7	92	93	-337.5	1047.9	2	1					
PLNT	116.47									-83.3	166.7	-.8	-.4	.1
		-45.5	90.0	147	150	-308.9	600.7	1	0					
PARA	120.97									-37.8	76.7	-.3	-.1	.1
		-29.9	35.3	54	55	-556.9	647.3	-0	-0					
WATR	124.97									-7.9	41.4	-.1	-.0	.1
		-7.9	41.4	33	34	-236.8	1222.3	1	0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1009.1	2997.0	-225.8	-56.1	7.4
VOID	17.58	-2.4	1.6	7	8	-319.7	214.9	51	75	-1006.8	2995.4	-173.1	-38.4	7.1
PLNT	24.08	-98.6	103.6	212	216	-464.9	480.3	0	0	-908.1	2891.8	-154.0	-32.2	7.1
1ST	26.88	-43.8	50.0	92	93	-477.0	536.2	1	1	-864.4	2841.8	-145.9	-29.7	7.0
2ND	29.68	-44.4	53.1	92	93	-484.3	569.9	1	1	-820.0	2788.7	-138.1	-27.3	6.9
3RD	32.48	-45.1	56.3	92	93	-491.6	603.6	1	1	-774.9	2732.4	-130.3	-25.1	6.9
4TH	35.28	-45.8	59.4	92	93	-498.8	637.4	1	1	-729.1	2673.0	-122.8	-23.0	6.8
5TH	38.08	-46.4	62.6	92	93	-506.1	671.1	1	1	-682.7	2610.4	-115.4	-21.0	6.7
6TH	40.88	-45.9	64.9	92	93	-500.5	696.0	1	1	-636.7	2545.5	-108.1	-19.2	6.5
7TH	43.68	-44.2	67.0	92	93	-481.6	718.1	1	1	-592.6	2478.6	-101.1	-17.5	6.4
8TH	46.48	-42.4	69.0	92	93	-462.7	740.2	2	1	-550.1	2409.6	-94.3	-15.9	6.2
9TH	49.28	-40.7	71.1	92	93	-443.8	762.4	2	1	-509.4	2338.5	-87.6	-14.4	6.1
10TH	52.08	-39.0	73.1	92	93	-424.9	784.5	2	1	-470.4	2265.4	-81.2	-13.0	5.9
11TH	54.88	-37.2	75.2	92	93	-406.0	806.6	2	1	-433.2	2190.2	-74.9	-11.7	5.7
12TH	57.68	-35.5	77.3	92	93	-387.1	828.8	2	1	-397.7	2112.9	-68.9	-10.6	5.5
13TH	60.48	-33.1	79.3	92	93	-361.0	850.8	2	1	-364.5	2033.6	-63.1	-9.5	5.3
14TH	63.28	-30.6	81.4	92	93	-333.5	872.8	2	1	-333.9	1952.2	-57.5	-8.5	5.1
15TH	66.08	-28.1	83.4	92	93	-305.9	894.8	2	1	-305.9	1868.8	-52.2	-7.6	4.9
16TH	68.88	-25.5	85.5	92	93	-278.4	916.8	2	1	-280.3	1783.3	-47.1	-6.8	4.6
17TH	71.67	-23.0	87.5	92	93	-250.8	938.8	3	1	-257.3	1695.8	-42.2	-6.1	4.4
18TH	74.47	-20.5	89.6	92	93	-223.2	960.8	3	1	-236.9	1606.2	-37.6	-5.4	4.1
19TH	77.27	-18.4	91.2	92	93	-200.5	978.6	3	1	-218.5	1515.0	-33.2	-4.7	3.9
20TH	80.07	-17.3	92.6	92	93	-188.3	993.5	3	0	-201.2	1422.3	-29.1	-4.1	3.6
21ST	82.87	-16.1	94.0	92	93	-176.0	1008.5	3	0	-185.1	1328.3	-25.2	-3.6	3.4
22ND	85.67	-15.0	95.4	92	93	-163.7	1023.4	3	0	-170.0	1232.9	-21.7	-3.1	3.1
		-13.9	96.8	92	93	-151.4	1038.3	3	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-12.8	98.2	92	93	-139.1	1053.2	3	0	-156.1	1136.1	-18.3	-2.7	2.9
24TH	91.27	-11.6	99.6	92	93	-126.8	1067.9	3	0	-143.4	1037.9	-15.3	-2.2	2.6
25TH	94.07	-11.8	100.5	92	93	-128.1	1077.7	3	0	-131.8	938.3	-12.5	-1.9	2.3
26TH	96.87	-12.3	101.4	92	93	-133.8	1087.5	3	0	-120.0	837.9	-10.0	-1.5	2.1
27TH	99.67	-12.8	102.3	92	93	-139.4	1097.3	3	0	-107.7	736.5	-7.8	-1.2	1.8
28TH	102.47	-13.3	103.2	92	93	-145.1	1107.2	3	0	-94.9	634.2	-5.9	-.9	1.5
29TH	105.27	-13.8	104.1	92	93	-150.7	1117.0	3	0	-81.6	531.0	-4.3	-.6	1.3
30TH	108.07	-14.3	105.1	92	93	-156.4	1126.8	3	0	-67.8	426.8	-3.0	-.4	1.0
31ST	110.87	-14.7	100.4	92	93	-159.7	1077.3	3	0	-53.5	321.8	-1.9	-.3	.7
32ND	113.67	-14.2	90.3	92	93	-155.2	968.7	2	0	-38.8	221.3	-1.1	-.1	.5
PLNT	116.47	-22.0	77.5	147	150	-149.3	517.0	2	1	-24.6	131.0	-.7	-.1	.2
PARA	120.97	-7.2	13.8	54	55	-133.6	253.1	1	0	-2.6	53.5	-.2	.0	.1
WATR	124.97	4.6	39.7	33	34	138.7	1173.4	2	-0	4.6	39.7	-.0	.0	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-606.3	2482.3	-194.2	-30.4	7.1
VOID	17.58	-.2	.7	7	8	-23.3	88.6	316	82	-606.1	2481.6	-150.6	-19.8	6.8
PLNT	24.08	-57.4	58.9	212	216	-270.4	273.1	-0	-0	-548.8	2422.8	-134.7	-16.0	6.9
1ST	26.88	-27.6	30.2	92	93	-300.5	324.3	-0	-0	-521.2	2392.5	-127.9	-14.5	6.9
2ND	29.68	-29.2	33.1	92	93	-318.7	355.2	0	0	-491.9	2359.4	-121.3	-13.1	6.9
3RD	32.48	-30.9	36.0	92	93	-336.8	386.1	0	0	-461.0	2323.4	-114.7	-11.8	6.9
4TH	35.28	-32.6	38.9	92	93	-355.0	417.0	0	0	-428.5	2284.5	-108.3	-10.5	6.8
5TH	38.08	-34.2	41.8	92	93	-373.2	447.9	1	1	-394.2	2242.8	-101.9	-9.4	6.8
6TH	40.88	-34.3	44.6	92	93	-373.4	478.8	1	1	-360.0	2198.1	-95.7	-8.3	6.7
7TH	43.68	-32.6	47.5	92	93	-355.1	509.8	1	1	-327.4	2150.6	-89.6	-7.4	6.6
8TH	46.48	-30.9	50.4	92	93	-336.8	540.7	1	1	-296.5	2100.2	-83.7	-6.5	6.5
9TH	49.28	-29.2	53.3	92	93	-318.5	571.7	2	1	-267.3	2046.9	-77.9	-5.7	6.4
10TH	52.08	-27.5	56.2	92	93	-300.2	602.7	2	1	-239.7	1990.7	-72.2	-5.0	6.3
11TH	54.88	-25.9	59.1	92	93	-281.9	633.6	2	1	-213.9	1931.6	-66.7	-4.3	6.1
12TH	57.68	-24.2	61.9	92	93	-263.7	664.5	3	1	-189.7	1869.7	-61.4	-3.8	5.9
13TH	60.48	-22.2	64.7	92	93	-241.9	694.2	3	1	-167.5	1805.0	-56.3	-3.3	5.7
14TH	63.28	-20.1	67.5	92	93	-219.5	723.9	3	1	-147.4	1737.5	-51.3	-2.8	5.5
15TH	66.08	-18.1	70.3	92	93	-197.0	753.7	3	1	-129.3	1667.2	-46.5	-2.5	5.3
16TH	68.88	-16.0	73.0	92	93	-174.6	783.4	3	1	-113.3	1594.2	-42.0	-2.1	5.0
17TH	71.67	-14.0	75.8	92	93	-152.2	813.2	3	1	-99.3	1518.4	-37.6	-1.8	4.8
18TH	74.47	-11.9	78.6	92	93	-129.7	842.9	3	0	-87.4	1439.8	-33.5	-1.6	4.6
19TH	77.27	-10.2	80.7	92	93	-111.2	866.0	3	0	-77.2	1359.0	-29.6	-1.3	4.3
20TH	80.07	-9.3	82.5	92	93	-101.1	884.6	3	0	-67.9	1276.6	-25.9	-1.1	4.1
21ST	82.87	-8.3	84.2	92	93	-91.0	903.2	3	0	-59.6	1192.3	-22.4	-.9	3.8
22ND	85.67	-7.4	85.9	92	93	-80.9	921.8	3	0	-52.2	1106.4	-19.2	-.8	3.5
		-6.5	87.7	92	93	-70.8	940.4	3	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-5.6	89.4	92	93	-60.7	959.0	3	0	-45.7	1018.7	-16.2	-.6	3.3
24TH	91.27	-4.6	91.1	92	93	-50.6	977.2	3	0	-40.1	929.3	-13.5	-.5	3.0
25TH	94.07	-4.2	91.9	92	93	-46.3	985.4	3	0	-35.5	838.2	-11.0	-.4	2.7
26TH	96.87	-4.0	92.6	92	93	-43.8	993.5	3	0	-31.2	746.3	-8.8	-.3	2.4
27TH	99.67	-3.8	93.4	92	93	-41.3	1001.7	3	0	-27.2	653.7	-6.8	-.2	2.1
28TH	102.47	-3.6	94.1	92	93	-38.9	1009.8	3	0	-23.4	560.3	-5.1	-.2	1.8
29TH	105.27	-3.3	94.9	92	93	-36.4	1018.0	3	0	-19.8	466.2	-3.7	-.1	1.5
30TH	108.07	-3.1	95.7	92	93	-33.9	1026.1	3	0	-16.5	371.3	-2.5	-.1	1.2
31ST	110.87	-3.3	90.6	92	93	-35.9	971.6	3	0	-13.4	275.6	-1.6	-.0	.9
32ND	113.67	-4.9	79.7	92	93	-53.0	854.7	3	0	-10.1	185.0	-1.0	.0	.6
PLNT	116.47	-11.1	57.0	147	150	-75.2	380.1	4	1	-5.2	105.3	-.6	.0	.3
PARA	120.97	.8	8.2	54	55	15.5	150.8	3	-0	5.9	48.4	-.2	.0	.1
WATR	124.97	5.0	40.2	33	34	151.2	1186.3	2	-0	5.0	40.2	-.1	.0	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-117.4	2081.5	-164.2	.5	7.0
VOID	17.58	.9	-.3	7	8	115.2	-46.2	-79	-194	-118.3	2081.9	-127.6	2.6	6.8
PLNT	24.08	-17.5	28.6	212	216	-82.4	132.5	-3	-2	-100.8	2053.3	-114.2	3.3	6.9
1ST	26.88	-10.0	18.4	92	93	-109.4	197.4	-2	-1	-90.7	2034.9	-108.5	3.6	6.9
2ND	29.68	-11.5	22.1	92	93	-125.7	236.6	-1	-1	-79.2	2012.8	-102.8	3.8	7.0
3RD	32.48	-13.0	25.7	92	93	-142.0	275.7	-1	-0	-66.2	1987.1	-97.2	4.0	7.0
4TH	35.28	-14.5	29.4	92	93	-158.3	314.9	-1	-0	-51.7	1957.8	-91.7	4.2	7.0
5TH	38.08	-16.0	33.0	92	93	-174.6	354.1	-0	-0	-35.6	1924.8	-86.2	4.3	7.0
6TH	40.88	-16.5	36.3	92	93	-180.3	388.9	-0	-0	-19.1	1888.5	-80.9	4.4	7.0
7TH	43.68	-16.1	39.4	92	93	-175.2	422.3	0	0	-3.0	1849.1	-75.7	4.4	7.0
8TH	46.48	-15.6	42.5	92	93	-170.0	455.7	1	0	12.6	1806.7	-70.5	4.4	7.0
9TH	49.28	-15.1	45.6	92	93	-164.8	489.1	1	0	27.7	1761.1	-65.6	4.4	6.9
10TH	52.08	-14.6	48.7	92	93	-159.6	522.6	2	0	42.3	1712.3	-60.7	4.3	6.8
11TH	54.88	-14.2	51.8	92	93	-154.4	556.0	2	1	56.5	1660.5	-56.0	4.1	6.7
12TH	57.68	-13.7	54.9	92	93	-149.2	589.2	2	1	70.2	1605.6	-51.4	3.9	6.6
13TH	60.48	-11.9	57.8	92	93	-129.4	619.7	3	1	82.0	1547.8	-47.0	3.7	6.4
14TH	63.28	-9.8	60.6	92	93	-106.4	650.3	3	0	91.8	1487.2	-42.7	3.5	6.2
15TH	66.08	-7.7	63.5	92	93	-83.4	680.9	3	0	99.5	1423.7	-38.7	3.2	6.0
16TH	68.88	-5.5	66.3	92	93	-60.5	711.5	3	0	105.0	1357.4	-34.8	2.9	5.8
17TH	71.67	-3.4	69.2	92	93	-37.5	742.1	3	0	108.5	1288.2	-31.1	2.6	5.6
18TH	74.47	-1.3	72.0	92	93	-14.6	772.6	4	0	109.8	1216.1	-27.6	2.3	5.3
19TH	77.27	.8	73.7	92	93	8.2	790.5	4	-0	109.0	1142.4	-24.3	2.0	5.1
20TH	80.07	2.8	74.6	92	93	30.4	799.6	4	-0	106.2	1067.9	-21.2	1.7	4.8
21ST	82.87	4.8	75.4	92	93	52.7	808.8	4	-0	101.4	992.5	-18.3	1.4	4.5
22ND	85.67	6.9	76.3	92	93	75.0	817.9	4	-0	94.5	916.2	-15.6	1.2	4.2
		8.9	77.1	92	93	97.3	827.0	4	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 80 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	11.0	78.0	92	93	119.5	836.1	4	-1	85.6	839.1	-13.1	.9	3.9
24TH	91.27	13.0	78.8	92	93	141.8	844.8	4	-1	74.6	761.2	-10.9	.7	3.5
25TH	94.07	12.6	78.4	92	93	137.6	841.3	4	-1	61.6	682.4	-8.9	.5	3.2
26TH	96.87	11.5	78.1	92	93	125.0	837.7	4	-1	49.0	604.0	-7.1	.3	2.8
27TH	99.67	10.3	77.8	92	93	112.4	834.1	5	-1	37.5	525.9	-5.5	.2	2.4
28TH	102.47	9.2	77.4	92	93	99.9	830.5	5	-1	27.2	448.1	-4.1	.1	2.1
29TH	105.27	8.0	77.1	92	93	87.3	827.0	5	-0	18.1	370.7	-3.0	.1	1.7
30TH	108.07	6.9	76.8	92	93	74.8	823.4	5	-0	10.1	293.6	-2.1	.0	1.4
31ST	110.87	5.1	71.9	92	93	56.1	770.8	5	-0	3.2	216.8	-1.3	.0	1.0
32ND	113.67	1.5	62.4	92	93	16.9	669.4	5	-0	-1.9	144.9	-.8	.0	.7
PLNT	116.47	-5.0	32.6	147	150	-34.2	217.8	8	1	-3.5	82.5	-.5	.0	.3
PARA	120.97	-2.3	11.7	54	55	-43.1	213.9	2	0	1.6	49.9	-.2	.0	.1
WATR	124.97	3.9	38.2	33	34	116.3	1128.9	1	-0	3.9	38.2	-.0	.0	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-169.6	1027.3	-65.3	-8.6	4.3
VOID	17.58	.4	-.4	7	8	48.6	-53.5	-267	-239	-170.0	1027.7	-47.2	-5.6	4.1
PLNT	24.08	-16.4	40.5	212	216	-77.4	187.7	-3	-1	-153.6	987.2	-40.7	-4.6	4.2
1ST	26.88	-7.8	22.1	92	93	-85.3	236.6	-2	-1	-145.8	965.2	-37.9	-4.1	4.3
2ND	29.68	-8.3	24.8	92	93	-90.0	266.1	-1	-0	-137.5	940.4	-35.3	-3.7	4.3
3RD	32.48	-8.7	27.6	92	93	-94.8	295.6	-1	-0	-128.8	912.8	-32.7	-3.4	4.3
4TH	35.28	-9.1	30.3	92	93	-99.5	325.1	-0	-0	-119.7	882.5	-30.2	-3.0	4.3
5TH	38.08	-9.6	33.1	92	93	-104.3	354.6	-0	-0	-110.1	849.4	-27.7	-2.7	4.3
6TH	40.88	-9.6	34.9	92	93	-104.8	374.6	0	0	-100.5	814.5	-25.4	-2.4	4.3
7TH	43.68	-9.3	36.5	92	93	-101.0	391.8	1	0	-91.2	778.0	-23.2	-2.1	4.3
8TH	46.48	-8.9	38.1	92	93	-97.3	408.9	1	0	-82.3	739.8	-21.0	-1.9	4.2
9TH	49.28	-8.6	39.7	92	93	-93.5	426.0	2	0	-73.7	700.1	-19.0	-1.7	4.2
10TH	52.08	-8.2	41.3	92	93	-89.7	443.1	2	0	-65.5	658.8	-17.1	-1.5	4.1
11TH	54.88	-7.9	42.9	92	93	-85.9	460.2	3	0	-57.6	615.9	-15.3	-1.3	4.0
12TH	57.68	-7.5	44.2	92	93	-82.1	474.6	3	1	-50.1	571.7	-13.7	-1.2	3.8
13TH	60.48	-6.8	43.1	92	93	-74.4	462.8	3	1	-43.3	528.5	-12.1	-1.0	3.7
14TH	63.28	-6.0	42.0	92	93	-65.8	451.0	4	1	-37.2	486.5	-10.7	-.9	3.5
15TH	66.08	-5.3	41.0	92	93	-57.3	439.2	4	1	-32.0	445.5	-9.4	-.8	3.3
16TH	68.88	-4.5	39.9	92	93	-48.7	427.4	5	1	-27.5	405.7	-8.2	-.7	3.1
17TH	71.67	-3.7	38.8	92	93	-40.1	415.7	5	1	-23.8	366.9	-7.1	-.7	2.9
18TH	74.47	-2.9	37.7	92	93	-31.6	403.9	6	0	-20.9	329.3	-6.2	-.6	2.7
19TH	77.27	-2.2	35.6	92	93	-24.2	382.1	6	0	-18.7	293.6	-5.3	-.5	2.4
20TH	80.07	-1.8	33.0	92	93	-19.4	353.5	7	0	-16.9	260.7	-4.5	-.5	2.2
21ST	82.87	-1.3	30.3	92	93	-14.7	324.9	7	0	-15.6	230.4	-3.8	-.4	2.0
22ND	85.67	-.9	27.6	92	93	-9.9	296.3	8	0	-14.7	202.7	-3.2	-.4	1.8
		-.5	25.0	92	93	-5.1	267.7	8	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-14.2	177.8	-2.7	-.4	1.6
		-.0	22.3	92	93	-.3	239.1	9	0					
24TH	91.27									-14.2	155.5	-2.2	-.3	1.4
		.4	19.7	92	93	4.5	211.0	9	-0					
25TH	94.07									-14.6	135.8	-1.8	-.3	1.2
		.2	18.5	92	93	2.2	198.3	9	-0					
26TH	96.87									-14.8	117.3	-1.5	-.2	1.0
		-.2	17.3	92	93	-2.3	185.5	9	0					
27TH	99.67									-14.6	100.1	-1.2	-.2	.9
		-.6	16.1	92	93	-6.9	172.8	9	0					
28TH	102.47									-13.9	83.9	-.9	-.2	.7
		-1.0	14.9	92	93	-11.4	160.1	9	1					
29TH	105.27									-12.9	69.0	-.7	-.1	.6
		-1.5	13.7	92	93	-15.9	147.3	9	1					
30TH	108.07									-11.4	55.3	-.5	-.1	.5
		-1.9	12.5	92	93	-20.4	134.6	9	1					
31ST	110.87									-9.6	42.7	-.4	-.1	.3
		-2.2	10.7	92	93	-24.0	114.3	10	2					
32ND	113.67									-7.4	32.1	-.3	-.0	.2
		-2.2	8.1	92	93	-24.4	86.5	12	3					
PLNT	116.47									-5.1	24.0	-.2	-.0	.1
		-3.7	-.9	147	150	-24.9	-6.3	-7	26					
PARA	120.97									-1.5	25.0	-.1	-.0	.0
		-1.8	14.3	54	55	-34.2	261.0	0	0					
WATR	124.97									.4	10.7	-.0	.0	.0
		.4	10.7	33	34	11.5	316.3	1	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-150.3	592.8	-20.9	-15.4	2.2
VOID	17.58	-.7	.2	7	8	-98.3	28.6	79	268	-149.6	592.6	-10.5	-12.8	2.0
PLNT	24.08	2.3	72.2	212	216	10.8	334.7	-2	0	-151.9	520.5	-6.8	-11.8	2.1
1ST	26.88	2.5	33.1	92	93	27.0	354.9	-0	0	-154.4	487.4	-5.4	-11.3	2.2
2ND	29.68	3.4	34.2	92	93	36.7	367.1	0	-0	-157.7	453.2	-4.1	-10.9	2.1
3RD	32.48	4.3	35.4	92	93	46.4	379.3	1	-0	-162.0	417.8	-2.9	-10.5	2.1
4TH	35.28	5.2	36.5	92	93	56.2	391.5	1	-0	-167.1	381.3	-1.8	-10.0	2.1
5TH	38.08	6.0	37.6	92	93	65.9	403.7	2	-0	-173.2	343.7	-.8	-9.5	2.0
6TH	40.88	5.6	37.6	92	93	61.6	403.4	2	-0	-178.8	306.0	.1	-9.0	1.9
7TH	43.68	3.9	37.2	92	93	42.7	399.2	3	-0	-182.7	268.8	.9	-8.5	1.8
8TH	46.48	2.2	36.8	92	93	23.8	395.0	3	-0	-184.9	232.0	1.6	-8.0	1.7
9TH	49.28	.5	36.4	92	93	4.9	390.8	3	-0	-185.4	195.6	2.2	-7.5	1.6
10TH	52.08	-1.3	36.0	92	93	-14.0	386.6	4	0	-184.1	159.5	2.7	-7.0	1.4
11TH	54.88	-3.0	35.7	92	93	-32.9	382.4	4	0	-181.1	123.9	3.1	-6.5	1.3
12TH	57.68	-4.7	35.0	92	93	-51.8	375.7	4	1	-176.3	88.8	3.4	-6.0	1.2
13TH	60.48	-5.4	32.2	92	93	-59.3	345.2	4	1	-170.9	56.7	3.6	-5.5	1.0
14TH	63.28	-5.9	29.3	92	93	-64.4	314.7	4	1	-165.0	27.3	3.8	-5.0	.9
15TH	66.08	-6.4	26.5	92	93	-69.5	284.2	5	1	-158.6	.8	3.8	-4.6	.8
16TH	68.88	-6.8	23.7	92	93	-74.6	253.7	5	1	-151.8	-22.8	3.8	-4.1	.6
17TH	71.67	-7.3	20.8	92	93	-79.7	223.2	5	2	-144.5	-43.6	3.7	-3.7	.5
18TH	74.47	-7.8	18.0	92	93	-84.7	192.7	5	2	-136.7	-61.6	3.5	-3.3	.4
19TH	77.27	-8.1	15.0	92	93	-88.3	161.0	5	3	-128.6	-76.6	3.3	-2.9	.3
20TH	80.07	-8.1	12.0	92	93	-88.6	128.6	5	3	-120.5	-88.6	3.1	-2.6	.2
21ST	82.87	-8.2	9.0	92	93	-88.9	96.1	4	4	-112.3	-97.6	2.8	-2.3	.2
22ND	85.67	-8.2	5.9	92	93	-89.1	63.6	3	4	-104.1	-103.5	2.6	-2.0	.1
		-8.2	2.9	92	93	-89.4	31.2	1	4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-95.9	-106.4	2.3	-1.7	.1
		-8.2	-.1	92	93	-89.7	-1.3	-0	3					
24TH	91.27									-87.7	-106.3	2.0	-1.4	.1
		-8.3	-3.1	92	93	-90.0	-33.2	-0	1					
25TH	94.07									-79.4	-103.2	1.7	-1.2	.0
		-8.1	-4.6	92	93	-88.3	-49.4	-0	1					
26TH	96.87									-71.3	-98.6	1.4	-1.0	.0
		-7.9	-6.1	92	93	-86.0	-65.5	-0	0					
27TH	99.67									-63.5	-92.5	1.1	-.8	.0
		-7.7	-7.6	92	93	-83.7	-81.7	-0	0					
28TH	102.47									-55.8	-84.9	.9	-.6	.0
		-7.5	-9.1	92	93	-81.4	-97.9	-0	0					
29TH	105.27									-48.3	-75.7	.7	-.5	.0
		-7.3	-10.6	92	93	-79.1	-114.0	-0	0					
30TH	108.07									-41.0	-65.1	.5	-.4	.0
		-7.0	-12.1	92	93	-76.8	-130.2	-0	0					
31ST	110.87									-34.6	-53.6	.3	-.2	.0
		-6.9	-13.3	92	93	-74.8	-142.6	0	-0					
32ND	113.67									-27.1	-39.7	.2	-.2	.0
		-6.8	-14.1	92	93	-73.7	-151.4	-0	0					
PLNT	116.47									-20.4	-25.6	.1	-.1	.0
		-10.7	-23.7	147	150	-72.2	-158.2	-0	0					
PARA	120.97									-9.7	-1.9	.0	-.0	.0
		-7.3	-1.0	54	55	-135.8	-18.5	-0	0					
WATR	124.97									-2.4	-.8	.0	-.0	.0
		-2.4	-.8	33	34	-73.3	-25.0	-1	2					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
BASE	0.00									1122.2	546.1	-8.2	69.7	4.2
VOID	17.58	-1.6	1.2	7	8	-211.7	166.5	76	95	1123.8	544.8	1.4	50.0	4.0
PLNT	24.08	31.7	104.3	212	216	149.4	483.8	-0	0	1092.1	440.5	4.6	42.8	4.0
1ST	26.88	21.0	46.7	92	93	229.4	501.1	1	-0	1071.0	393.8	5.8	39.8	3.9
2ND	29.68	25.5	47.7	92	93	277.6	511.5	1	-1	1045.6	346.1	6.8	36.8	3.9
3RD	32.48	29.9	48.7	92	93	325.9	521.9	1	-1	1015.7	297.5	7.7	33.9	3.8
4TH	35.28	34.3	49.6	92	93	374.1	532.4	2	-1	981.3	247.8	8.5	31.1	3.7
5TH	38.08	38.7	50.6	92	93	422.4	542.8	2	-1	942.6	197.2	9.1	28.4	3.5
6TH	40.88	41.9	49.2	92	93	457.0	527.2	2	-2	900.7	148.1	9.6	25.9	3.3
7TH	43.68	43.8	46.9	92	93	477.6	503.5	2	-2	856.9	101.1	9.9	23.4	3.2
8TH	46.48	45.7	44.7	92	93	498.1	479.9	2	-2	811.2	56.4	10.1	21.1	2.9
9TH	49.28	47.6	42.5	92	93	518.7	456.2	2	-3	763.6	13.9	10.2	18.9	2.7
10TH	52.08	49.5	40.3	92	93	539.3	432.5	2	-3	714.1	-26.5	10.2	16.8	2.5
11TH	54.88	51.4	38.1	92	93	559.8	408.9	2	-3	662.7	-64.6	10.1	14.9	2.2
12TH	57.68	53.2	35.7	92	93	580.4	382.9	2	-4	609.5	-100.3	9.8	13.1	1.9
13TH	60.48	51.7	31.2	92	93	563.4	335.1	2	-4	557.8	-131.5	9.5	11.4	1.7
14TH	63.28	49.4	26.8	92	93	538.3	287.3	2	-4	508.4	-158.3	9.1	10.0	1.4
15TH	66.08	47.1	22.3	92	93	513.2	239.5	2	-4	461.3	-180.6	8.6	8.6	1.2
16TH	68.88	44.8	17.9	92	93	488.2	191.7	2	-4	416.6	-198.5	8.1	7.4	.9
17TH	71.67	42.5	13.4	92	93	463.1	143.9	1	-5	374.1	-211.9	7.5	6.3	.7
18TH	74.47	40.2	9.0	92	93	438.0	96.1	1	-5	333.9	-220.9	6.9	5.3	.5
19TH	77.27	37.9	5.1	92	93	412.6	54.8	1	-5	296.0	-226.0	6.3	4.4	.3
20TH	80.07	35.4	1.7	92	93	386.4	18.1	0	-4	260.6	-227.7	5.7	3.6	.2
21ST	82.87	33.0	-1.7	92	93	360.2	-18.5	-0	-4	227.6	-226.0	5.0	2.9	.1
22ND	85.67	30.6	-5.2	92	93	334.0	-55.2	-1	-3	196.9	-220.8	4.4	2.3	-.1
		28.2	-8.6	92	93	307.8	-91.9	-1	-2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									168.7	-212.2	3.8	1.8	-.1
		25.8	-12.0	92	93	281.6	-128.6	-1	-1					
24TH	91.27									142.9	-200.2	3.2	1.4	-.2
		23.4	-15.3	92	93	255.4	-164.4	-0	-1					
25TH	94.07									119.4	-184.9	2.7	1.0	-.2
		21.7	-16.2	92	93	236.3	-173.5	-0	-0					
26TH	96.87									97.8	-168.7	2.2	.7	-.2
		20.1	-17.0	92	93	219.5	-182.7	0	0					
27TH	99.67									77.6	-151.7	1.7	.5	-.2
		18.6	-17.9	92	93	202.7	-191.8	0	0					
28TH	102.47									59.0	-133.8	1.3	.3	-.2
		17.1	-18.7	92	93	185.9	-200.9	1	1					
29TH	105.27									42.0	-115.1	1.0	.1	-.2
		15.5	-19.6	92	93	169.1	-210.0	1	1					
30TH	108.07									26.4	-95.5	.7	.0	-.1
		14.0	-20.4	92	93	152.3	-219.1	1	1					
31ST	110.87									12.5	-75.1	.5	-.0	-.1
		11.6	-20.1	92	93	126.0	-215.3	1	1					
32ND	113.67									.9	-55.0	.3	-.0	-.1
		6.2	-18.5	92	93	67.7	-198.5	1	0					
PLNT	116.47									-5.3	-36.5	.2	-.0	-.0
		-1.2	-23.8	147	150	-8.3	-158.9	1	-0					
PARA	120.97									-4.1	-12.7	.0	-.0	-.0
		-2.8	-7.3	54	55	-53.0	-134.5	0	-0					
WATR	124.97									-1.2	-5.3	.0	-.0	-.0
		-1.2	-5.3	33	34	-37.2	-158.1	0	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2462.9	-198.6	42.1	170.6	11.3
VOID	17.58	-3.6	:1	7	8	-514.2	16.0	3	83	2466.7	-198.7	38.6	127.3	11.0
PLNT	24.08	77.3	102.0	212	216	364.3	473.1	0	-0	2389.4	-300.7	36.9	111.5	10.9
1ST	26.88	43.0	42.0	92	93	469.2	450.1	1	-1	2346.4	-342.7	36.0	104.9	10.8
2ND	29.68	48.9	40.7	92	93	532.5	436.2	1	-2	2297.5	-383.4	35.0	98.4	10.6
3RD	32.48	54.7	39.4	92	93	595.8	422.3	2	-2	2242.8	-422.7	33.9	92.0	10.5
4TH	35.28	60.5	38.1	92	93	659.1	408.4	2	-3	2182.4	-460.8	32.7	85.8	10.2
5TH	38.08	66.3	36.8	92	93	722.4	394.4	2	-3	2116.1	-497.6	31.3	79.8	10.0
6TH	40.88	70.6	32.1	92	93	769.3	343.9	2	-4	2045.5	-529.6	29.9	74.0	9.7
7TH	43.68	73.3	26.3	92	93	799.0	281.9	2	-4	1972.2	-555.9	28.4	68.4	9.3
8TH	46.48	76.0	20.5	92	93	828.8	220.0	1	-5	1896.2	-576.4	26.8	63.0	8.9
9TH	49.28	78.8	14.7	92	93	858.6	158.1	1	-5	1817.4	-591.2	25.1	57.8	8.5
10TH	52.08	81.5	9.0	92	93	888.4	96.2	1	-6	1735.9	-600.2	23.5	52.8	8.0
11TH	54.88	84.2	3.2	92	93	918.2	34.3	0	-6	1651.7	-603.4	21.8	48.0	7.5
12TH	57.68	87.0	-2.5	92	93	948.0	-26.3	-0	-6	1564.7	-600.9	20.1	43.5	7.0
13TH	60.48	86.7	-7.0	92	93	945.2	-74.6	-0	-6	1478.0	-593.9	18.4	39.3	6.5
14TH	63.28	85.8	-11.5	92	93	935.5	-122.9	-1	-6	1392.2	-582.5	16.8	35.3	6.0
15TH	66.08	84.9	-16.0	92	93	925.8	-171.2	-1	-6	1307.3	-566.5	15.2	31.5	5.5
16TH	68.88	84.0	-20.5	92	93	916.0	-219.5	-1	-6	1223.2	-546.0	13.6	27.9	5.0
17TH	71.67	83.1	-25.0	92	93	906.3	-267.8	-2	-5	1140.1	-521.1	12.1	24.6	4.5
18TH	74.47	82.3	-29.5	92	93	896.6	-316.1	-2	-5	1057.8	-491.6	10.7	21.6	4.1
19TH	77.27	81.1	-31.5	92	93	884.2	-337.8	-2	-5	976.7	-460.1	9.4	18.7	3.6
20TH	80.07	79.5	-31.8	92	93	866.3	-341.1	-2	-5	897.2	-428.3	8.1	16.1	3.2
21ST	82.87	77.8	-32.1	92	93	848.4	-344.4	-2	-4	819.4	-396.2	7.0	13.7	2.8
22ND	85.67	76.2	-32.4	92	93	830.6	-347.8	-2	-4	743.2	-363.8	5.9	11.5	2.4
		74.6	-32.7	92	93	812.7	-351.1	-2	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN)		AREA (SQ M)		PRESSURE (PA)		ECCEN (M)		SHEAR (KN)		MOMENT (MN-M)		
		X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	Z
23RD	88.47	72.9	-33.0	92	93	794.8	-354.4	-2	-4	668.6	-331.0	4.9	9.5	2.1
24TH	91.27	71.3	-33.3	92	93	776.9	-357.2	-1	-3	595.7	-298.0	4.1	7.7	1.8
25TH	94.07	69.3	-32.4	92	93	755.1	-347.3	-1	-3	524.5	-264.7	3.3	6.2	1.5
26TH	96.87	67.2	-31.5	92	93	732.2	-337.4	-1	-3	455.2	-232.3	2.6	4.8	1.2
27TH	99.67	65.1	-30.5	92	93	709.2	-327.5	-1	-3	388.0	-200.8	2.0	3.6	1.0
28TH	102.47	63.0	-29.6	92	93	686.3	-317.6	-1	-2	323.0	-170.3	1.4	2.6	.8
29TH	105.27	60.8	-28.7	92	93	663.3	-307.7	-1	-2	260.0	-140.7	1.0	1.8	.6
30TH	108.07	58.7	-27.8	92	93	640.3	-297.9	-1	-2	199.2	-112.0	.7	1.2	.4
31ST	110.87	53.9	-26.7	92	93	587.2	-286.3	-1	-2	140.4	-84.2	.4	.7	.3
32ND	113.67	39.6	-25.5	92	93	432.1	-273.1	-1	-2	86.6	-57.5	.2	.4	.2
PLNT	116.47	33.9	-36.0	147	150	229.9	-240.1	-1	-1	46.9	-32.1	.1	.2	.1
PARA	120.97	3.0	4.3	54	55	55.7	78.5	0	-0	13.0	3.9	-.0	.1	.0
WATR	124.97	10.0	-.4	33	34	301.6	-11.6	-0	-0	10.0	-.4	.0	.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2784.2	-150.3	36.5	204.0	13.9
VOID	17.58	-2.6	-.8	7	8	-355.7	-100.2	-35	121	2786.8	-149.6	33.9	155.1	13.5
PLNT	24.08	102.4	70.5	212	216	482.6	326.9	1	-1	2684.4	-220.0	32.7	137.3	13.3
1ST	26.88	49.9	31.2	92	93	544.3	334.2	1	-2	2634.5	-251.2	32.0	129.9	13.2
2ND	29.68	53.4	31.6	92	93	581.6	338.5	1	-2	2581.1	-282.8	31.3	122.6	13.1
3RD	32.48	56.8	32.0	92	93	618.8	342.9	1	-2	2524.4	-314.7	30.4	115.4	12.9
4TH	35.28	60.2	32.4	92	93	656.0	347.3	1	-2	2464.2	-347.1	29.5	108.4	12.8
5TH	38.08	63.6	32.8	92	93	693.2	351.7	1	-2	2400.6	-379.9	28.5	101.6	12.6
6TH	40.88	66.5	30.1	92	93	724.9	323.1	1	-3	2334.1	-410.0	27.4	95.0	12.3
7TH	43.68	68.9	26.5	92	93	750.8	284.4	1	-3	2265.2	-436.5	26.2	88.5	12.1
8TH	46.48	71.3	22.9	92	93	776.7	245.7	1	-4	2194.0	-459.4	24.9	82.3	11.8
9TH	49.28	73.6	19.3	92	93	802.6	206.9	1	-4	2120.3	-478.7	23.6	76.3	11.4
10TH	52.08	76.0	15.7	92	93	828.5	168.2	1	-5	2044.3	-494.4	22.3	70.4	11.0
11TH	54.88	78.4	12.1	92	93	854.4	129.5	1	-5	1965.9	-506.5	20.9	64.8	10.6
12TH	57.68	80.8	8.4	92	93	880.3	89.8	1	-6	1885.2	-514.9	19.4	59.4	10.2
13TH	60.48	81.4	3.9	92	93	887.7	41.4	0	-6	1803.7	-518.7	18.0	54.3	9.7
14TH	63.28	81.7	-.7	92	93	891.1	-7.0	-0	-6	1722.0	-518.1	16.5	49.3	9.2
15TH	66.08	82.1	-5.2	92	93	894.5	-55.4	-0	-6	1639.9	-512.9	15.1	44.6	8.7
16TH	68.88	82.4	-9.7	92	93	897.9	-103.9	-1	-6	1557.6	-503.2	13.7	40.1	8.2
17TH	71.67	82.7	-14.2	92	93	901.3	-152.3	-1	-6	1474.9	-489.0	12.3	35.9	7.7
18TH	74.47	83.0	-18.7	92	93	904.7	-200.7	-1	-6	1391.9	-470.3	10.9	31.9	7.2
19TH	77.27	83.5	-21.7	92	93	909.9	-233.1	-2	-6	1308.4	-448.6	9.6	28.1	6.7
20TH	80.07	84.3	-23.7	92	93	918.9	-254.4	-2	-6	1224.1	-424.8	8.4	24.6	6.2
21ST	82.87	85.1	-25.7	92	93	928.0	-275.6	-2	-6	1139.0	-399.1	7.3	21.3	5.7
22ND	85.67	86.0	-27.7	92	93	937.0	-296.9	-2	-5	1053.0	-371.5	6.2	18.2	5.1
		86.8	-29.7	92	93	946.0	-318.2	-2	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	87.6	-31.6	92	93	955.0	-339.5	-2	-5	966.2	-341.8	5.2	15.4	4.6
24TH	91.27	88.4	-33.5	92	93	964.0	-359.8	-2	-5	878.6	-310.1	4.3	12.8	4.1
25TH	94.07	88.4	-33.0	92	93	963.2	-353.5	-2	-5	790.2	-276.6	3.5	10.4	3.6
26TH	96.87	88.0	-32.4	92	93	959.4	-347.2	-2	-5	701.8	-243.6	2.7	8.3	3.2
27TH	99.67	87.7	-31.8	92	93	955.5	-340.9	-2	-4	613.8	-211.3	2.1	6.5	2.7
28TH	102.47	87.3	-31.2	92	93	951.7	-334.6	-2	-4	526.2	-179.5	1.5	4.9	2.2
29TH	105.27	87.0	-30.6	92	93	947.8	-328.3	-1	-4	439.9	-148.3	1.1	3.6	1.8
30TH	108.07	86.6	-30.0	92	93	944.0	-322.0	-1	-4	351.9	-117.7	.7	2.5	1.4
31ST	110.87	82.6	-28.3	92	93	900.0	-303.6	-1	-4	265.3	-87.7	.4	1.6	1.0
32ND	113.67	66.1	-25.5	92	93	721.1	-273.0	-1	-4	182.7	-59.3	.2	1.0	.7
PLNT	116.47	71.9	-34.6	147	150	487.8	-231.2	-2	-4	116.6	-33.9	.1	.5	.4
PARA	120.97	16.7	6.2	54	55	311.4	112.8	0	-0	44.7	.7	.0	.2	.0
WATR	124.97	28.0	-5.4	33	34	840.5	-159.8	-0	-1	28.0	-5.4	.0	.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2764.0	440.3	-15.0	297.8	11.9
VOID	17.58	-1.3	-.4	7	8	-176.0	-50.0	-73	252	2765.3	440.6	-7.2	159.2	10.7
PLNT	24.08	122.8	50.3	212	216	578.6	233.3	0	-1	2642.6	390.3	-4.5	141.6	10.5
1ST	26.88	54.0	24.6	92	93	589.1	263.6	0	-1	2588.5	365.8	-3.5	134.3	10.5
2ND	29.68	54.6	26.3	92	93	595.4	281.9	0	-1	2533.9	339.5	-2.5	127.1	10.4
3RD	32.48	55.2	28.0	92	93	601.7	300.2	0	-1	2478.7	311.5	-1.6	120.1	10.3
4TH	35.28	55.8	29.7	92	93	608.0	318.5	0	-1	2422.9	281.8	-.7	113.3	10.3
5TH	38.08	56.4	31.4	92	93	614.3	336.8	0	-1	2366.6	250.4	.0	106.6	10.2
6TH	40.88	57.6	31.2	92	93	627.9	335.2	1	-1	2309.0	219.2	.7	100.0	10.2
7TH	43.68	59.5	30.5	92	93	648.8	327.4	1	-2	2249.5	188.6	1.2	93.6	10.0
8TH	46.48	61.4	29.8	92	93	669.8	319.7	1	-2	2188.0	158.8	1.7	87.4	9.9
9TH	49.28	63.4	29.1	92	93	690.8	312.0	1	-3	2124.6	129.7	2.1	81.4	9.7
10TH	52.08	65.3	28.4	92	93	711.8	304.2	1	-3	2059.3	101.4	2.4	75.5	9.5
11TH	54.88	67.2	27.6	92	93	732.8	296.5	1	-3	1992.1	73.7	2.7	69.9	9.2
12TH	57.68	69.1	26.8	92	93	753.8	287.0	1	-4	1923.0	47.0	2.9	64.4	8.9
13TH	60.48	70.4	24.4	92	93	766.9	261.5	1	-4	1852.6	22.6	3.0	59.1	8.6
14TH	63.28	71.4	22.0	92	93	778.4	236.0	1	-4	1781.2	.6	3.0	54.0	8.2
15TH	66.08	72.5	19.6	92	93	789.9	210.4	1	-5	1708.7	-19.0	3.0	49.1	7.9
16TH	68.88	73.5	17.2	92	93	801.3	184.9	1	-5	1635.2	-36.3	2.9	44.4	7.5
17TH	71.67	74.6	14.9	92	93	812.8	159.4	1	-5	1560.7	-51.1	2.8	40.0	7.1
18TH	74.47	75.6	12.5	92	93	824.3	133.8	1	-5	1485.0	-63.6	2.6	35.7	6.7
19TH	77.27	77.1	9.9	92	93	840.8	106.6	1	-5	1407.9	-73.5	2.4	31.6	6.3
20TH	80.07	79.6	7.3	92	93	868.0	78.1	0	-5	1328.3	-80.8	2.2	27.8	5.8
21ST	82.87	82.1	4.6	92	93	895.2	49.6	0	-5	1246.2	-85.4	2.0	24.2	5.4
22ND	85.67	84.6	2.0	92	93	922.4	21.2	0	-5	1161.5	-87.4	1.7	20.8	5.0
		87.1	-.7	92	93	949.7	-7.3	-0	-5					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									1074.4	-86.7	1.5	17.7	4.5
		89.6	-3.3	92	93	976.9	-35.8	-0	-5					
24TH	91.27									984.8	-83.4	1.2	14.8	4.1
		92.1	-5.9	92	93	1004.1	-63.5	-0	-5					
25TH	94.07									892.7	-77.5	1.0	12.2	3.6
		93.4	-6.6	92	93	1017.7	-71.0	-0	-5					
26TH	96.87									799.3	-70.9	.8	9.8	3.2
		94.2	-7.3	92	93	1027.0	-78.4	-0	-5					
27TH	99.67									705.1	-63.5	.6	7.7	2.8
		95.1	-8.0	92	93	1036.3	-85.9	-0	-4					
28TH	102.47									610.0	-55.5	.5	5.9	2.3
		95.9	-8.7	92	93	1045.6	-93.3	-0	-4					
29TH	105.27									514.1	-46.8	.3	4.3	1.9
		96.8	-9.4	92	93	1054.9	-100.7	-0	-4					
30TH	108.07									417.3	-37.4	.2	3.0	1.5
		97.6	-10.1	92	93	1064.3	-108.2	-0	-4					
31ST	110.87									319.7	-27.4	.1	2.0	1.1
		94.5	-10.0	92	93	1030.0	-106.9	-0	-4					
32ND	113.67									225.2	-17.4	.0	1.2	.8
		77.8	-9.0	92	93	848.6	-97.1	-0	-4					
PLNT	116.47									147.4	-8.3	.0	.7	.5
		90.3	-16.0	147	150	612.2	-106.9	-1	-4					
PARA	120.97									57.1	7.7	-.0	.2	.1
		22.8	12.4	54	55	424.2	226.6	0	-0					
WATR	124.97									34.3	-4.7	.0	.0	.1
		34.3	-4.7	33	34	1032.0	-138.8	-0	-1					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2346.6	756.9	-48.4	186.1	8.3
VOID	17.58	-1.0	1.5	7	8	-132.4	203.3	133	85	2347.6	755.3	-35.1	144.9	8.0
PLNT	24.08	89.9	30.5	212	216	423.6	141.3	0	-1	2257.7	724.9	-30.3	129.9	7.9
1ST	26.88	39.2	14.9	92	93	426.8	159.5	0	-1	2218.6	710.0	-28.3	123.7	7.9
2ND	29.68	39.3	15.9	92	93	428.8	170.4	0	-1	2179.2	694.1	-26.3	117.5	7.9
3RD	32.48	39.5	16.9	92	93	430.8	181.4	0	-0	2139.7	677.2	-24.4	111.4	7.8
4TH	35.28	39.7	17.9	92	93	432.7	192.4	0	-0	2100.0	659.3	-22.5	105.5	7.8
5TH	38.08	39.9	19.0	92	93	434.7	203.4	0	-0	2060.2	640.3	-20.7	99.7	7.8
6TH	40.88	40.6	21.2	92	93	442.1	227.0	0	-0	2019.6	619.1	-18.9	94.0	7.8
7TH	43.68	41.8	23.7	92	93	455.3	254.5	0	-1	1977.8	595.4	-17.2	88.4	7.8
8TH	46.48	43.0	26.3	92	93	468.5	282.1	1	-1	1934.9	569.1	-15.6	82.9	7.7
9TH	49.28	44.2	28.9	92	93	481.6	309.6	1	-1	1890.7	540.2	-14.0	77.5	7.6
10TH	52.08	45.4	31.4	92	93	494.8	337.2	1	-2	1845.3	508.8	-12.6	72.3	7.5
11TH	54.88	46.6	34.0	92	93	508.0	364.7	1	-2	1798.7	474.8	-11.2	67.2	7.4
12TH	57.68	47.8	36.2	92	93	521.1	388.5	2	-2	1750.9	438.6	-9.9	62.2	7.2
13TH	60.48	49.7	35.2	92	93	542.0	377.2	2	-2	1701.2	403.4	-8.7	57.4	7.0
14TH	63.28	51.8	34.1	92	93	564.4	365.9	2	-3	1649.4	369.3	-7.7	52.7	6.8
15TH	66.08	53.8	33.1	92	93	586.9	354.6	2	-3	1595.5	336.2	-6.7	48.2	6.6
16TH	68.88	55.9	32.0	92	93	609.4	343.3	2	-4	1539.6	304.2	-5.8	43.8	6.3
17TH	71.67	58.0	31.0	92	93	631.8	332.0	2	-4	1481.7	273.3	-5.0	39.6	6.0
18TH	74.47	60.0	29.9	92	93	654.3	320.7	2	-4	1421.6	243.4	-4.2	35.5	5.7
19TH	77.27	62.7	28.2	92	93	683.3	302.1	2	-5	1359.0	215.2	-3.6	31.6	5.3
20TH	80.07	66.6	26.0	92	93	726.4	278.6	2	-5	1292.3	189.2	-3.0	27.9	5.0
21ST	82.87	70.6	23.8	92	93	769.4	255.2	2	-5	1221.7	165.4	-2.5	24.4	4.6
22ND	85.67	74.5	21.6	92	93	812.5	231.7	1	-4	1147.2	143.9	-2.1	21.1	4.3
		78.5	19.4	92	93	855.5	208.2	1	-4					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDTS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									1068.7	124.4	-1.7	18.0	3.9
		82.4	17.2	92	93	898.6	184.7	1	-4					
24TH	91.27									986.3	107.2	-1.4	15.1	3.5
		86.4	15.1	92	93	941.6	161.5	1	-4					
25TH	94.07									899.9	92.2	-1.1	12.4	3.2
		89.1	13.8	92	93	971.4	148.3	1	-4					
26TH	96.87									810.8	78.3	-.9	10.0	2.8
		91.5	12.6	92	93	997.1	135.1	1	-4					
27TH	99.67									719.3	65.7	-.7	7.9	2.4
		93.8	11.4	92	93	1022.8	121.9	0	-4					
28TH	102.47									625.5	54.4	-.5	6.0	2.0
		96.2	10.1	92	93	1048.5	108.7	0	-4					
29TH	105.27									529.3	44.2	-.4	4.4	1.7
		98.5	8.9	92	93	1074.2	95.5	0	-4					
30TH	108.07									430.8	35.3	-.3	3.1	1.3
		100.9	7.7	92	93	1099.8	82.3	0	-3					
31ST	110.87									329.9	27.7	-.2	2.0	1.0
		98.8	7.1	92	93	1077.5	75.7	0	-3					
32ND	113.67									231.0	20.6	-.1	1.2	.7
		82.0	7.0	92	93	893.3	75.5	0	-3					
PLNT	116.47									149.1	13.6	-.1	.7	.4
		96.3	3.7	147	150	653.2	24.9	0	-3					
PARA	120.97									52.8	9.9	-.0	.2	.1
		17.1	14.4	54	55	319.2	264.1	0	-0					
WATR	124.97									35.6	-4.6	.0	.0	.1
		35.6	-4.6	33	34	1070.7	-134.9	-0	-2					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1990.6	691.2	-54.0	168.5	6.8
VOID	17.58	.4	.5	7	8	51.0	69.1	260	-189	1990.2	690.6	-41.9	133.5	6.6
PLNT	24.08	39.7	-14.2	212	216	187.2	-66.0	-1	-2	1950.5	704.9	-37.3	120.7	6.5
1ST	26.88	19.4	-4.0	92	93	212.0	-42.7	-0	-2	1931.0	708.9	-35.4	115.3	6.5
2ND	29.68	20.8	-2.7	92	93	227.0	-28.7	-0	-1	1910.2	711.5	-33.4	109.9	6.4
3RD	32.48	22.2	-1.4	92	93	241.9	-14.7	-0	-1	1888.0	712.9	-31.4	104.6	6.4
4TH	35.28	23.6	-.1	92	93	256.9	-.7	-0	-1	1864.5	713.0	-29.4	99.3	6.4
5TH	38.08	24.9	1.2	92	93	271.9	13.4	0	-1	1839.5	711.7	-27.4	94.1	6.3
6TH	40.88	26.4	5.3	92	93	287.8	56.5	0	-1	1813.1	706.4	-25.4	89.0	6.3
7TH	43.68	28.0	10.1	92	93	304.7	108.6	0	-1	1785.2	696.3	-23.4	84.0	6.3
8TH	46.48	29.5	15.0	92	93	321.6	160.6	0	-1	1755.7	681.3	-21.5	79.0	6.3
9TH	49.28	31.1	19.8	92	93	338.5	212.7	1	-1	1724.6	661.5	-19.6	74.1	6.2
10TH	52.08	32.6	24.7	92	93	355.4	264.8	1	-1	1692.0	636.8	-17.8	69.4	6.2
11TH	54.88	34.2	29.5	92	93	372.3	316.9	1	-1	1657.9	607.3	-16.1	64.7	6.1
12TH	57.68	35.7	34.0	92	93	389.3	364.5	1	-1	1622.1	573.3	-14.4	60.1	6.1
13TH	60.48	38.0	34.5	92	93	414.0	370.2	1	-1	1584.2	538.8	-12.9	55.6	6.0
14TH	63.28	40.4	35.0	92	93	440.3	375.8	1	-2	1543.8	503.7	-11.4	51.2	5.9
15TH	66.08	42.8	35.6	92	93	466.7	381.5	2	-2	1501.0	468.2	-10.0	46.9	5.8
16TH	68.88	45.2	36.1	92	93	493.1	387.1	2	-2	1455.7	432.1	-8.8	42.8	5.6
17TH	71.67	47.7	36.6	92	93	519.5	392.7	2	-2	1408.1	395.5	-7.6	38.8	5.4
18TH	74.47	50.1	37.1	92	93	545.9	398.4	2	-3	1358.0	358.3	-6.6	34.9	5.2
19TH	77.27	53.2	36.1	92	93	580.0	387.0	2	-3	1304.8	322.3	-5.6	31.2	5.0
20TH	80.07	57.9	33.9	92	93	630.6	364.0	2	-3	1246.9	288.3	-4.8	27.6	4.7
21ST	82.87	62.5	31.8	92	93	681.3	340.9	2	-3	1184.4	256.5	-4.0	24.2	4.5
22ND	85.67	67.1	29.6	92	93	731.9	317.8	2	-4	1117.3	226.9	-3.3	21.0	4.2
		71.8	27.5	92	93	782.6	294.7	1	-4					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
										1045.5	199.4	-2.7	10.0	3.9
23RD	88.47	76.4	25.3	92	93	833.2	271.6	1	-4	969.1	174.1	-2.2	15.2	3.5
24TH	91.27	81.1	23.2	92	93	883.9	248.8	1	-4	888.0	150.9	-1.8	12.6	3.2
25TH	94.07	84.4	21.6	92	93	920.6	231.9	1	-4	803.5	129.3	-1.4	10.2	2.8
26TH	96.87	87.4	20.0	92	93	952.8	215.0	1	-4	716.1	109.3	-1.0	8.1	2.5
27TH	99.67	90.4	18.5	92	93	985.1	198.1	1	-4	625.7	90.8	-.7	6.2	2.1
28TH	102.47	93.3	16.9	92	93	1017.4	181.2	1	-4	532.4	73.9	-.5	4.6	1.7
29TH	105.27	96.3	15.3	92	93	1049.6	164.3	1	-4	436.1	58.6	-.3	3.2	1.4
30TH	108.07	99.3	13.7	92	93	1081.9	147.4	0	-4	336.9	44.8	-.2	2.1	1.0
31ST	110.87	97.7	13.3	92	93	1065.4	143.1	0	-3	239.1	31.5	-.1	1.3	.7
32ND	113.67	81.1	14.1	92	93	884.3	151.2	1	-3	158.0	17.4	-.0	.8	.4
PLNT	116.47	95.6	16.8	147	150	648.2	112.1	1	-3	62.4	.6	.0	.3	.1
PARA	120.97	20.0	10.5	54	55	373.6	192.6	0	-1	42.4	-9.9	.0	.1	.1
WATR	124.97	42.4	-9.9	33	34	1273.8	-293.1	-0	-2	0.0	0.0	0.0	0.0	0.0
TOP	127.48													

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1134.5	261.8	-27.2	94.1	2.8
VOID	17.58	.7	-.4	7	8	90.1	-47.4	-112	-209	1133.8	262.1	-22.6	74.2	2.6
PLNT	24.08	35.0	-25.4	212	216	164.9	-117.6	-1	-1	1098.8	287.5	-20.8	66.9	2.5
1ST	26.88	16.5	-8.7	92	93	179.6	-93.3	-1	-1	1082.3	296.2	-20.0	63.9	2.5
2ND	29.68	17.3	-7.3	92	93	188.5	-78.6	-0	-1	1065.0	303.5	-19.1	60.9	2.5
3RD	32.48	18.1	-6.0	92	93	197.4	-63.9	-0	-1	1046.9	309.5	-18.3	57.9	2.5
4TH	35.28	18.9	-4.6	92	93	206.3	-49.2	-0	-1	1028.0	314.1	-17.4	55.0	2.4
5TH	38.08	19.7	-3.2	92	93	215.2	-34.5	-0	-1	1008.3	317.3	-16.5	52.2	2.4
6TH	40.88	19.9	-1.9	92	93	217.0	-20.1	-0	-1	988.4	319.2	-15.6	49.4	2.4
7TH	43.68	19.4	-.5	92	93	211.4	-5.7	-0	-1	969.0	319.7	-14.7	46.6	2.4
8TH	46.48	18.9	.8	92	93	205.8	8.7	0	-1	950.1	318.9	-13.8	43.9	2.4
9TH	49.28	18.4	2.2	92	93	200.3	23.1	0	-1	931.7	316.7	-12.9	41.3	2.4
10TH	52.08	17.9	3.5	92	93	194.7	37.5	0	-1	913.8	313.2	-12.1	38.7	2.3
11TH	54.88	17.4	4.8	92	93	189.2	51.9	0	-1	896.5	308.4	-11.2	36.2	2.3
12TH	57.68	16.8	6.2	92	93	183.6	66.2	0	-1	879.6	302.2	-10.3	33.7	2.3
13TH	60.48	17.7	7.4	92	93	193.0	79.8	1	-1	861.9	294.8	-9.5	31.3	2.3
14TH	63.28	18.9	8.7	92	93	205.6	93.4	1	-1	843.1	286.1	-8.7	28.9	2.2
15TH	66.08	20.0	10.0	92	93	218.2	107.0	1	-1	823.1	276.1	-7.9	26.5	2.2
16TH	68.88	21.2	11.3	92	93	230.7	120.7	1	-1	801.9	264.9	-7.1	24.3	2.1
17TH	71.67	22.3	12.5	92	93	243.3	134.3	1	-1	779.6	252.3	-6.4	22.0	2.1
18TH	74.47	23.5	13.8	92	93	255.9	147.9	1	-1	756.1	238.5	-5.7	19.9	2.1
19TH	77.27	25.3	14.3	92	93	275.8	153.1	1	-2	730.8	224.3	-5.1	17.8	2.0
20TH	80.07	28.6	14.2	92	93	311.5	152.4	1	-2	702.2	210.1	-4.5	15.8	1.9
21ST	82.87	31.8	14.2	92	93	347.2	151.8	1	-2	670.4	195.9	-3.9	13.9	1.9
22ND	85.67	35.1	14.1	92	93	382.8	151.1	1	-3	635.2	181.8	-3.4	12.1	1.8
		38.4	14.0	92	93	418.5	150.5	1	-3					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	41.7	14.0	92	93	454.2	149.8	1	-3	596.9	167.8	-2.9	10.3	1.6
24TH	91.27	44.9	13.9	92	93	489.9	149.1	1	-3	555.2	153.8	-2.4	8.7	1.5
25TH	94.07	47.4	13.7	92	93	516.7	147.4	1	-3	510.2	139.9	-2.0	7.2	1.4
26TH	96.87	49.6	13.6	92	93	540.8	145.6	1	-3	462.8	126.2	-1.7	5.9	1.2
27TH	99.67	51.8	13.4	92	93	564.9	143.9	1	-3	413.2	112.6	-1.3	4.6	1.0
28TH	102.47	54.0	13.3	92	93	589.0	142.1	1	-3	361.4	99.2	-1.0	3.6	.9
29TH	105.27	56.2	13.1	92	93	613.1	140.4	1	-3	307.4	85.9	-.8	2.6	.7
30TH	108.07	58.5	12.9	92	93	637.1	138.7	1	-3	251.1	72.8	-.5	1.8	.6
31ST	110.87	57.6	13.4	92	93	627.6	143.8	1	-2	192.7	59.9	-.4	1.2	.4
32ND	113.67	46.3	14.5	92	93	504.5	155.8	1	-2	135.1	46.5	-.2	.8	.3
PLNT	116.47	50.7	22.6	147	150	344.0	150.8	1	-2	88.8	32.0	-.1	.4	.2
PARA	120.97	11.7	11.8	54	55	218.0	217.0	1	-1	38.1	9.4	-.0	.2	.1
WATR	124.97	26.4	-2.5	33	34	793.8	-72.4	-0	-1	26.4	-2.5	.0	.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1083.1	-579.7	44.0	90.1	.9
VOID	17.58	.5	-.5	7	8	74.1	-71.8	-155	-158	1082.6	-579.2	33.8	71.0	.7
PLNT	24.08	32.2	-28.9	212	216	152.0	-133.9	-1	-1	1050.3	-550.3	30.1	64.1	.6
1ST	26.88	14.6	-11.5	92	93	159.5	-123.7	-1	-1	1035.7	-538.8	28.6	61.2	.6
2ND	29.68	15.0	-11.0	92	93	164.0	-117.5	-0	-1	1020.6	-527.8	27.1	58.3	.6
3RD	32.48	15.5	-10.4	92	93	168.6	-111.3	-0	-0	1005.2	-517.5	25.7	55.5	.6
4TH	35.28	15.9	-9.8	92	93	173.1	-105.1	-0	-0	989.3	-507.7	24.2	52.7	.6
5TH	38.08	16.3	-9.2	92	93	177.6	-99.0	0	0	973.0	-498.4	22.8	49.9	.6
6TH	40.88	16.8	-9.8	92	93	182.6	-105.1	0	0	956.2	-488.6	21.4	47.2	.6
7TH	43.68	17.3	-10.7	92	93	188.2	-115.0	-0	-0	939.0	-477.9	20.1	44.6	.6
8TH	46.48	17.8	-11.6	92	93	193.8	-124.9	-0	-0	921.2	-466.3	18.8	42.0	.6
9TH	49.28	18.3	-12.6	92	93	199.3	-134.8	-0	-0	902.9	-453.7	17.5	39.4	.6
10TH	52.08	18.8	-13.5	92	93	204.9	-144.7	-0	-0	884.1	-440.2	16.2	36.9	.6
11TH	54.88	19.3	-14.4	92	93	210.4	-154.6	-0	-1	864.8	-425.8	15.0	34.5	.5
12TH	57.68	19.8	-15.3	92	93	216.0	-163.9	-0	-1	845.0	-410.5	13.8	32.1	.5
13TH	60.48	20.7	-15.6	92	93	225.5	-166.8	-0	-1	824.3	-395.0	12.7	29.7	.5
14TH	63.28	21.6	-15.8	92	93	235.7	-169.7	-0	-1	802.7	-379.2	11.6	27.4	.5
15TH	66.08	22.6	-16.1	92	93	246.0	-172.6	-0	-1	780.1	-363.1	10.6	25.2	.5
16TH	68.88	23.5	-16.4	92	93	256.3	-175.6	-0	-1	756.6	-346.7	9.6	23.1	.4
17TH	71.67	24.5	-16.6	92	93	266.6	-178.5	-0	-1	732.2	-330.0	8.6	21.0	.4
18TH	74.47	25.4	-16.9	92	93	276.9	-181.4	-0	-0	706.8	-313.1	7.7	19.0	.4
19TH	77.27	26.7	-17.1	92	93	290.8	-183.1	-0	-0	680.1	-296.1	6.9	17.0	.4
20TH	80.07	28.7	-17.1	92	93	312.4	-183.9	-0	-0	651.4	-278.9	6.1	15.2	.4
21ST	82.87	30.6	-17.2	92	93	334.0	-184.7	-0	-0	620.8	-261.7	5.3	13.4	.4
22ND	85.67	32.6	-17.3	92	93	355.6	-185.5	-0	-0	588.1	-244.4	4.6	11.7	.3
		34.6	-17.4	92	93	377.3	-186.3	-0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	36.6	-17.4	92	93	398.9	-187.1	-0	-0	553.5	-227.0	4.0	10.1	.3
24TH	91.27	38.6	-17.5	92	93	420.5	-188.0	-0	-0	516.9	-209.6	3.3	8.6	.3
25TH	94.07	40.7	-17.7	92	93	443.7	-190.0	-0	-0	478.4	-192.1	2.8	7.2	.3
26TH	96.87	42.9	-17.9	92	93	467.4	-191.9	-0	-0	437.7	-174.3	2.3	5.9	.3
27TH	99.67	45.1	-18.1	92	93	491.1	-193.9	-0	-0	394.8	-156.4	1.8	4.8	.3
28TH	102.47	47.2	-18.3	92	93	514.8	-195.9	-0	-1	349.7	-138.4	1.4	3.7	.2
29TH	105.27	49.4	-18.5	92	93	538.5	-197.9	-0	-1	302.5	-120.1	1.0	2.8	.2
30TH	108.07	51.6	-18.6	92	93	562.2	-199.9	-0	-1	253.1	-101.7	.7	2.0	.2
31ST	110.87	51.6	-19.6	92	93	562.2	-210.1	-0	-1	201.5	-83.0	.5	1.4	.1
32ND	113.67	44.2	-21.3	92	93	482.2	-228.5	-0	-1	149.9	-63.4	.3	.9	.1
PLNT	116.47	55.7	-36.5	147	150	378.0	-243.6	-1	-1	105.7	-42.1	.1	.5	.0
PARA	120.97	21.7	-8.8	54	55	404.7	-160.8	0	1	50.0	-5.6	.0	.2	-.0
WATR	124.97	28.3	3.2	33	34	849.1	93.1	-0	1	28.3	3.2	-.0	.0	-.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00													
		.8	-.6	7	8	103.2	-77.6	-125	-163	1790.5	-1363.0	100.6	141.4	-1.5
VOID	17.58	53.6	-40.9	212	216	252.6	-189.7	-1	-1	1789.8	-1362.4	76.7	110.0	-1.7
PLNT	24.08	25.4	-21.1	92	93	276.6	-226.5	-1	-1	1736.2	-1321.5	67.9	98.5	-1.8
1ST	26.88	26.7	-23.2	92	93	291.1	-248.7	-1	-1	1710.8	-1300.3	64.3	93.7	-1.8
2ND	29.68	28.0	-25.3	92	93	305.6	-270.9	-1	-2	1684.1	-1277.2	60.7	88.9	-1.9
3RD	32.48	29.4	-27.3	92	93	320.0	-293.2	-2	-2	1656.1	-1251.9	57.1	84.3	-2.0
4TH	35.28	30.7	-29.4	92	93	334.5	-315.4	-2	-2	1626.7	-1224.6	53.7	79.7	-2.0
5TH	38.08	31.9	-31.4	92	93	348.0	-337.1	-2	-2	1596.0	-1195.2	50.3	75.2	-2.2
6TH	40.88	33.1	-33.4	92	93	360.5	-358.7	-1	-1	1564.1	-1163.7	47.0	70.7	-2.3
7TH	43.68	34.2	-35.5	92	93	373.0	-380.4	-1	-1	1531.0	-1130.3	43.7	66.4	-2.3
8TH	46.48	35.4	-37.5	92	93	385.4	-402.0	-1	-0	1496.8	-1094.8	40.6	62.2	-2.4
9TH	49.28	36.5	-39.5	92	93	397.9	-423.6	-0	-0	1461.5	-1057.3	37.6	58.0	-2.4
10TH	52.08	37.6	-41.5	92	93	410.4	-445.2	0	0	1425.0	-1017.9	34.7	54.0	-2.4
11TH	54.88	38.8	-43.3	92	93	422.8	-464.8	0	0	1387.3	-976.4	31.9	50.0	-2.4
12TH	57.68	41.0	-43.4	92	93	446.9	-465.1	0	0	1348.5	-933.0	29.3	46.2	-2.4
13TH	60.48	43.4	-43.4	92	93	473.5	-465.5	1	1	1307.5	-889.7	26.7	42.5	-2.4
14TH	63.28	45.9	-43.4	92	93	500.0	-465.8	1	1	1264.1	-846.3	24.3	38.9	-2.3
15TH	66.08	48.3	-43.5	92	93	526.6	-466.2	1	1	1218.2	-802.8	22.0	35.4	-2.3
16TH	68.88	50.7	-43.5	92	93	553.2	-466.5	1	1	1169.9	-759.4	19.8	32.1	-2.2
17TH	71.67	53.2	-43.5	92	93	579.8	-466.9	1	1	1119.2	-715.9	17.7	28.9	-2.1
18TH	74.47	55.4	-43.1	92	93	604.3	-462.7	1	1	1066.0	-672.3	15.8	25.8	-2.0
19TH	77.27	57.3	-42.5	92	93	624.6	-455.5	1	1	1010.5	-629.2	13.9	22.9	-1.9
20TH	80.07	59.2	-41.8	92	93	644.8	-448.2	1	1	953.2	-586.7	12.2	20.2	-1.8
21ST	82.87	61.0	-41.1	92	93	665.1	-441.0	1	1	894.1	-545.0	10.7	17.6	-1.7
22ND	85.67	62.9	-40.4	92	93	685.3	-433.7	1	2	833.1	-503.8	9.2	15.2	-1.5

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	64.7	-39.8	92	93	705.6	-426.5	1	2	770.2	-463.4	7.8	12.9	-1.4
24TH	91.27	66.6	-39.1	92	93	725.8	-419.4	1	2	705.5	-423.6	6.6	10.8	-1.3
25TH	94.07	67.1	-39.0	92	93	731.7	-418.2	1	2	638.9	-384.5	5.5	9.0	-1.1
26TH	96.87	67.3	-38.9	92	93	733.1	-417.0	1	2	571.8	-345.5	4.4	7.3	-1.0
27TH	99.67	67.4	-38.8	92	93	734.5	-415.7	1	1	504.5	-306.7	3.5	5.8	-.8
28TH	102.47	67.5	-38.6	92	93	735.8	-414.5	1	1	437.1	-267.9	2.7	4.4	-.7
29TH	105.27	67.6	-38.5	92	93	737.2	-413.2	1	1	369.6	-229.3	2.0	3.3	-.6
30TH	108.07	67.8	-38.4	92	93	738.6	-412.0	1	1	302.0	-190.7	1.4	2.4	-.5
31ST	110.87	64.7	-37.8	92	93	705.6	-405.9	1	1	234.2	-152.3	1.0	1.6	-.3
32ND	113.67	51.0	-36.8	92	93	556.4	-394.9	1	1	169.5	-114.5	.6	1.1	-.2
PLNT	116.47	53.4	-47.7	147	150	362.1	-318.3	1	1	118.5	-77.7	.3	.7	-.2
PARA	120.97	31.9	-26.1	54	55	593.9	-477.8	0	0	65.1	-30.0	.1	.2	-.1
WATR	124.97	33.2	-3.9	33	34	998.4	-115.3	0	1	33.2	-3.9	.0	.0	-.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2693.5	-1791.1	130.0	211.6	-2.7
VOID	17.58	1.9	.0	7	8	251.4	4.8	3	-143	2691.7	-1791.1	98.5	164.3	-2.9
PLNT	24.08	93.4	-51.3	212	216	440.1	-238.0	-0	-1	2598.3	-1739.8	87.0	147.1	-3.0
1ST	26.88	41.5	-29.3	92	93	452.8	-314.7	-1	-1	2556.8	-1710.5	82.2	139.8	-3.1
2ND	29.68	42.2	-33.7	92	93	460.4	-361.0	-1	-1	2514.5	-1676.8	77.4	132.7	-3.2
3RD	32.48	42.9	-38.0	92	93	468.0	-407.3	-1	-1	2471.6	-1638.8	72.8	125.8	-3.3
4TH	35.28	43.6	-42.3	92	93	475.7	-453.5	-1	-1	2427.9	-1596.6	68.3	118.9	-3.4
5TH	38.08	44.3	-46.6	92	93	483.3	-499.8	-1	-1	2383.6	-1550.0	63.9	112.2	-3.5
6TH	40.88	46.0	-48.7	92	93	501.0	-522.3	-1	-1	2337.6	-1501.3	59.6	105.6	-3.5
7TH	43.68	48.5	-50.1	92	93	528.9	-537.4	-1	-1	2289.1	-1451.2	55.4	99.1	-3.6
8TH	46.48	51.1	-51.5	92	93	556.8	-552.4	-0	-0	2238.1	-1399.7	51.5	92.7	-3.6
9TH	49.28	53.6	-52.9	92	93	584.7	-567.5	0	0	2184.4	-1346.7	47.6	86.6	-3.6
10TH	52.08	56.2	-54.3	92	93	612.6	-582.6	0	0	2128.2	-1292.4	43.9	80.5	-3.6
11TH	54.88	58.8	-55.7	92	93	640.5	-597.7	0	1	2069.5	-1236.7	40.4	74.6	-3.5
12TH	57.68	61.3	-56.9	92	93	668.4	-610.7	1	1	2008.2	-1179.8	37.0	68.9	-3.5
13TH	60.48	64.1	-56.3	92	93	698.2	-604.2	1	1	1944.1	-1123.4	33.8	63.4	-3.4
14TH	63.28	66.8	-55.7	92	93	728.5	-597.8	1	1	1877.3	-1067.7	30.7	58.1	-3.2
15TH	66.08	69.6	-55.1	92	93	758.8	-591.3	1	1	1807.7	-1012.6	27.8	52.9	-3.1
16TH	68.88	72.4	-54.5	92	93	789.1	-584.9	1	1	1735.3	-958.1	25.0	47.9	-3.0
17TH	71.67	75.2	-53.9	92	93	819.4	-578.4	1	1	1660.1	-904.1	22.4	43.2	-2.9
18TH	74.47	78.0	-53.3	92	93	849.7	-572.0	1	1	1582.1	-850.8	20.0	38.6	-2.7
19TH	77.27	80.7	-52.8	92	93	879.5	-566.7	1	1	1501.4	-798.0	17.7	34.3	-2.5
20TH	80.07	83.3	-52.4	92	93	908.3	-562.3	1	1	1418.1	-745.5	15.5	30.2	-2.4
21ST	82.87	86.0	-52.0	92	93	937.1	-557.8	1	1	1332.2	-693.5	13.5	26.4	-2.2
22ND	85.67	88.6	-51.6	92	93	965.8	-553.4	1	1	1243.6	-641.9	11.6	22.8	-2.1
		91.2	-51.2	92	93	994.6	-549.0	1	1					

TABLE 7 SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	93.9	-50.8	92	93	1023.4	-544.5	1	1	1152.3	-590.8	9.9	19.4	-1.9
24TH	91.27	96.5	-50.4	92	93	1052.2	-540.2	1	1	1058.4	-540.0	8.3	16.3	-1.7
25TH	94.07	98.0	-50.4	92	93	1068.3	-540.2	1	1	961.9	-489.6	6.9	13.5	-1.5
26TH	96.87	99.1	-50.4	92	93	1080.5	-540.2	1	1	863.9	-439.3	5.6	10.9	-1.4
27TH	99.67	100.2	-50.4	92	93	1092.7	-540.1	1	1	764.8	-388.9	4.4	8.7	-1.2
28TH	102.47	101.4	-50.4	92	93	1104.9	-540.1	1	1	664.5	-338.5	3.4	6.7	-1.0
29TH	105.27	102.5	-50.4	92	93	1117.1	-540.1	1	1	563.2	-288.2	2.5	4.9	-.9
30TH	108.07	103.6	-50.4	92	93	1129.3	-540.1	1	1	460.7	-237.8	1.8	3.5	-.7
31ST	110.87	100.1	-49.0	92	93	1091.1	-525.1	1	1	357.1	-187.5	1.2	2.4	-.6
32ND	113.67	81.0	-46.2	92	93	882.8	-495.2	1	1	257.0	-138.5	.7	1.5	-.4
PLNT	116.47	90.1	-51.0	147	150	611.4	-340.0	1	2	176.0	-92.4	.4	.9	-.3
PARA	120.97	42.3	-37.3	54	55	787.4	-682.6	0	0	85.9	-41.4	.1	.3	-.1
WATR	124.97	43.6	-4.1	33	34	1310.5	-122.2	0	1	43.6	-4.1	.0	.1	-.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2686.5	-2056.6	156.9	212.3	-1.1
VOID	17.58	1.7	-.0	7	8	235.2	-.5	-0	-138	2684.7	-2056.6	120.7	165.1	-1.3
PLNT	24.08	65.7	-50.8	212	216	309.8	-235.8	-1	-1	2619.0	-2005.8	107.5	147.8	-1.4
1ST	26.88	34.6	-28.2	92	93	376.7	-302.8	-1	-1	2584.4	-1977.5	102.0	140.6	-1.5
2ND	29.68	38.3	-32.0	92	93	417.0	-343.3	-1	-1	2546.2	-1945.5	96.5	133.4	-1.5
3RD	32.48	42.0	-35.8	92	93	457.4	-383.7	-0	-1	2504.2	-1909.8	91.1	126.3	-1.5
4TH	35.28	45.7	-39.5	92	93	497.7	-424.2	-0	-0	2459.6	-1870.2	85.8	119.4	-1.6
5TH	38.08	49.4	-43.3	92	93	538.1	-464.6	-0	-0	2409.2	-1826.9	80.6	112.5	-1.6
6TH	40.88	52.3	-46.0	92	93	569.7	-493.7	-0	-0	2356.9	-1780.9	75.6	105.9	-1.6
7TH	43.68	54.3	-48.4	92	93	592.2	-519.3	-0	-0	2302.6	-1732.5	70.6	99.3	-1.6
8TH	46.48	56.4	-50.8	92	93	614.7	-544.9	-0	-0	2246.2	-1681.7	65.9	93.0	-1.6
9TH	49.28	58.5	-53.2	92	93	637.2	-570.5	0	0	2187.8	-1628.5	61.2	86.8	-1.6
10TH	52.08	60.5	-55.6	92	93	659.7	-596.1	0	0	2127.3	-1572.9	56.7	80.7	-1.6
11TH	54.88	62.6	-58.0	92	93	682.2	-621.7	0	0	2064.7	-1514.9	52.4	74.9	-1.6
12TH	57.68	64.6	-60.1	92	93	704.7	-644.9	0	0	2000.0	-1454.8	48.3	69.2	-1.6
13TH	60.48	66.7	-60.2	92	93	726.6	-645.6	0	0	1933.4	-1394.6	44.3	63.7	-1.6
14TH	63.28	68.7	-60.3	92	93	748.4	-646.3	0	0	1864.7	-1334.4	40.4	58.3	-1.5
15TH	66.08	70.7	-60.3	92	93	770.2	-647.0	0	0	1794.1	-1274.0	36.8	53.2	-1.5
16TH	68.88	72.7	-60.4	92	93	792.0	-647.7	0	0	1721.4	-1213.7	33.3	48.3	-1.5
17TH	71.67	74.7	-60.4	92	93	813.7	-648.4	0	0	1646.8	-1153.2	30.0	43.6	-1.4
18TH	74.47	76.7	-60.5	92	93	835.5	-649.1	0	1	1570.1	-1092.7	26.9	39.1	-1.3
19TH	77.27	78.8	-60.7	92	93	858.5	-651.5	0	1	1491.3	-1032.0	23.9	34.8	-1.3
20TH	80.07	81.1	-61.1	92	93	884.0	-655.2	0	1	1410.3	-970.9	21.1	30.7	-1.2
21ST	82.87	83.4	-61.4	92	93	909.4	-658.8	0	1	1326.8	-909.5	18.4	26.9	-1.1
22ND	85.67	85.8	-61.8	92	93	934.9	-662.4	0	1	1241.1	-847.7	16.0	23.3	-1.0
		88.1	-62.1	92	93	960.4	-666.1	0	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									1153.0	-785.6	13.7	20.0	-.9
		90.4	-62.4	92	93	985.9	-669.7	0	1					
24TH	91.27									1062.5	-723.2	11.6	16.9	-.8
		92.8	-62.8	92	93	1011.3	-673.5	0	1					
25TH	94.07									969.7	-660.4	9.7	14.0	-.8
		94.5	-63.6	92	93	1030.1	-682.3	0	1					
26TH	96.87									875.2	-596.8	7.9	11.4	-.7
		96.0	-64.4	92	93	1046.7	-691.1	0	1					
27TH	99.67									779.2	-532.3	6.3	9.1	-.6
		97.6	-65.3	92	93	1063.4	-699.9	0	1					
28TH	102.47									681.7	-467.1	4.9	7.1	-.5
		99.1	-66.1	92	93	1080.1	-708.7	0	1					
29TH	105.27									582.6	-401.0	3.7	5.3	-.4
		100.6	-66.9	92	93	1096.7	-717.5	0	1					
30TH	108.07									482.0	-334.1	2.7	3.8	-.4
		102.1	-67.7	92	93	1113.4	-726.3	0	0					
31ST	110.87									379.8	-266.4	1.8	2.6	-.3
		99.5	-65.9	92	93	1084.3	-706.9	0	0					
32ND	113.67									280.4	-200.5	1.2	1.7	-.2
		82.7	-61.5	92	93	901.0	-659.2	0	0					
PLNT	116.47									197.7	-139.0	.7	1.0	-.2
		97.6	-66.2	147	150	662.1	-441.6	1	1					
PARA	120.97									100.1	-72.8	.2	.3	-.0
		59.3	-49.6	54	55	1104.9	-907.7	0	0					
WATR	124.97									40.8	-23.3	.0	.1	-.0
		40.8	-23.3	33	34	1226.0	-688.3	0	0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2519.8	-2519.8	197.2	194.2	1.3
VOID	17.58	2.4	.9	7	8	320.9	118.0	31	-83	2517.4	-2520.7	152.9	150.0	1.0
PLNT	24.08	65.4	-58.8	212	216	308.1	-272.8	-1	-1	2452.0	-2461.8	136.7	133.8	1.0
1ST	26.88	35.7	-31.1	92	93	388.8	-333.8	-1	-1	2416.4	-2430.7	129.9	127.0	.9
2ND	29.68	40.1	-34.6	92	93	437.6	-370.6	-1	-1	2376.2	-2396.2	123.1	120.3	.9
3RD	32.48	44.6	-38.0	92	93	486.3	-407.5	-1	-1	2331.6	-2358.2	116.5	113.7	.8
4TH	35.28	49.1	-41.4	92	93	535.1	-444.3	-1	-1	2282.5	-2316.8	109.9	107.3	.8
5TH	38.08	53.6	-44.9	92	93	583.9	-481.1	-1	-1	2229.0	-2271.9	103.5	100.9	.7
6TH	40.88	56.7	-48.4	92	93	618.0	-518.6	-0	-0	2172.3	-2223.6	97.2	94.8	.7
7TH	43.68	58.4	-51.9	92	93	636.9	-556.4	-0	-0	2113.8	-2171.7	91.0	88.8	.6
8TH	46.48	60.2	-55.4	92	93	655.9	-594.1	-0	-0	2053.7	-2116.3	85.0	82.9	.6
9TH	49.28	61.9	-58.9	92	93	674.9	-631.9	-0	-0	1991.7	-2057.4	79.2	77.3	.5
10TH	52.08	63.7	-62.4	92	93	693.9	-669.6	-0	-0	1928.1	-1995.0	73.5	71.8	.5
11TH	54.88	65.4	-65.9	92	93	712.8	-707.3	-0	-0	1862.7	-1929.0	68.0	66.5	.4
12TH	57.68	67.1	-69.2	92	93	731.8	-742.4	-0	-0	1795.6	-1859.8	62.7	61.4	.4
13TH	60.48	67.8	-70.1	92	93	739.5	-752.0	-0	-0	1727.7	-1789.7	57.6	56.4	.3
14TH	63.28	68.3	-71.0	92	93	744.8	-761.6	-0	-0	1659.4	-1718.7	52.7	51.7	.3
15TH	66.08	68.8	-71.9	92	93	750.1	-771.2	-0	-0	1590.6	-1646.8	48.0	47.1	.3
16TH	68.88	69.3	-72.8	92	93	755.4	-780.8	-0	-0	1521.3	-1574.0	43.5	42.8	.2
17TH	71.67	69.8	-73.7	92	93	760.7	-790.4	-0	-0	1451.5	-1500.3	39.2	38.6	.2
18TH	74.47	70.3	-74.6	92	93	766.1	-800.0	-0	-0	1381.2	-1425.7	35.1	34.7	.2
19TH	77.27	71.0	-75.8	92	93	774.2	-812.6	-0	-0	1310.2	-1350.0	31.2	30.9	.2
20TH	80.07	72.3	-77.1	92	93	788.5	-827.2	-0	-0	1237.8	-1272.8	27.5	27.3	.1
21ST	82.87	73.6	-78.5	92	93	802.8	-841.9	-0	-0	1164.2	-1194.3	24.1	24.0	.1
22ND	85.67	75.0	-79.9	92	93	817.1	-856.6	-0	-0	1089.2	-1114.5	20.8	20.8	.1
		76.3	-81.2	92	93	831.4	-871.2	-0	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
										1013.0	-1033.3	17.8	17.9	.1
23RD	88.47	77.6	-82.6	92	93	845.6	-885.9	-0	-0	935.4	-950.7	15.1	15.1	.1
24TH	91.27	78.9	-84.0	92	93	859.9	-900.5	-0	-0	856.5	-866.7	12.5	12.6	.1
25TH	94.07	80.5	-85.0	92	93	877.0	-911.9	-0	-0	776.1	-781.7	10.2	10.3	.0
26TH	96.87	82.1	-86.1	92	93	894.9	-923.3	-0	-0	694.0	-695.6	8.1	8.3	.0
27TH	99.67	83.7	-87.2	92	93	912.8	-934.8	-0	-0	610.2	-608.5	6.3	6.5	.0
28TH	102.47	85.4	-88.2	92	93	930.8	-946.2	-0	-0	524.8	-520.2	4.7	4.9	.0
29TH	105.27	87.0	-89.3	92	93	948.7	-957.7	-0	-0	437.8	-431.0	3.4	3.5	-.0
30TH	108.07	88.7	-90.4	92	93	966.6	-969.1	-0	-0	349.1	-340.6	2.3	2.4	-.0
31ST	110.87	87.1	-87.5	92	93	949.4	-938.1	-0	-0	262.0	-253.1	1.5	1.6	-.0
32ND	113.67	74.6	-80.6	92	93	813.6	-864.8	-0	-0	187.4	-172.5	.9	.9	-.1
PLNT	116.47	93.9	-80.9	147	150	636.5	-540.1	0	0	93.5	-91.6	.3	.3	.0
PARA	120.97	60.0	-57.3	54	55	1118.8	-1050.0	0	0	33.5	-34.3	.0	.0	.0
WATR	124.97	33.5	-34.3	33	34	1006.9	-1012.7	-0	-0	0.0	0.0	0.0	0.0	0.0
TOP	127.48													

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									2450.4	-3161.0	244.5	189.6	3.3
VOID	17.58	2.4	2.2	7	8	323.5	297.1	49	-53	2448.0	-3183.3	188.6	137.6	3.1
PLNT	24.08	77.7	-80.1	212	216	366.2	-371.3	0	0	2370.3	-3103.2	168.2	121.9	3.1
1ST	26.88	41.0	-42.5	92	93	447.0	-455.6	-0	-0	2329.3	-3060.7	159.5	115.3	3.1
2ND	29.68	45.5	-47.2	92	93	495.7	-506.5	-0	-0	2283.9	-3013.5	151.0	108.9	3.0
3RD	32.48	50.0	-52.0	92	93	544.5	-557.4	-0	-0	2233.9	-2961.5	142.7	102.5	3.0
4TH	35.28	54.4	-56.7	92	93	593.3	-608.3	-1	-1	2179.5	-2904.8	134.5	96.4	2.9
5TH	38.08	58.9	-61.5	92	93	642.0	-659.2	-1	-1	2120.6	-2843.4	126.4	90.3	2.9
6TH	40.88	62.1	-65.5	92	93	677.3	-702.5	-1	-1	2058.4	-2777.9	118.5	84.5	2.8
7TH	43.68	64.1	-69.3	92	93	698.6	-743.6	-1	-0	1994.4	-2708.5	110.9	78.8	2.7
8TH	46.48	66.0	-73.2	92	93	719.8	-784.7	-1	-0	1928.3	-2635.4	103.4	73.3	2.7
9TH	49.28	68.0	-77.0	92	93	741.1	-825.7	-1	-0	1860.3	-2558.4	96.1	68.0	2.6
10TH	52.08	69.9	-80.8	92	93	762.4	-866.8	-1	-0	1790.4	-2477.6	89.1	62.9	2.5
11TH	54.88	71.9	-84.6	92	93	783.7	-907.8	-0	-0	1718.5	-2392.9	82.2	58.0	2.4
12TH	57.68	73.8	-88.3	92	93	804.9	-946.6	-0	-0	1644.7	-2304.7	75.7	53.3	2.4
13TH	60.48	73.8	-89.9	92	93	804.5	-964.0	-1	-0	1570.8	-2214.8	69.3	48.8	2.3
14TH	63.28	73.3	-91.5	92	93	799.5	-981.4	-1	-0	1497.5	-2123.3	63.3	44.5	2.2
15TH	66.08	72.9	-93.1	92	93	794.4	-998.9	-1	-0	1424.6	-2030.2	57.4	40.4	2.1
16TH	68.88	72.4	-94.8	92	93	789.4	-1016.3	-1	-1	1352.2	-1935.4	51.9	36.5	2.0
17TH	71.67	72.0	-96.4	92	93	784.3	-1033.7	-1	-1	1280.3	-1839.1	46.6	32.8	1.9
18TH	74.47	71.5	-98.0	92	93	779.2	-1051.1	-1	-1	1208.8	-1741.1	41.6	29.3	1.8
19TH	77.27	71.1	-99.3	92	93	775.1	-1065.0	-1	-1	1137.7	-1641.8	36.9	26.1	1.7
20TH	80.07	70.9	-100.4	92	93	772.9	-1076.5	-1	-1	1066.8	-1541.4	32.4	23.0	1.6
21ST	82.87	70.7	-101.4	92	93	770.7	-1087.9	-1	-1	996.1	-1440.0	28.2	20.1	1.4
22ND	85.67	70.5	-102.5	92	93	768.5	-1099.3	-1	-1	925.6	-1337.5	24.3	17.4	1.3
		70.3	-103.6	92	93	766.4	-1110.7	-1	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									855.3	-1233.9	20.7	14.9	1.2
		70.1	-104.6	92	93	764.2	-1122.2	-1	-1					
24TH	91.27									785.1	-1129.3	17.4	12.6	1.1
		69.9	-105.7	92	93	762.0	-1133.3	-1	-1					
25TH	94.07									715.2	-1023.7	14.4	10.5	.9
		70.1	-106.0	92	93	764.0	-1136.8	-1	-1					
26TH	96.87									645.2	-917.7	11.7	8.6	.8
		70.4	-106.3	92	93	767.2	-1140.3	-1	-1					
27TH	99.67									574.8	-811.4	9.3	6.9	.7
		70.7	-106.6	92	93	770.5	-1143.7	-1	-1					
28TH	102.47									504.1	-704.7	7.2	5.4	.6
		71.0	-107.0	92	93	773.8	-1147.2	-1	-1					
29TH	105.27									433.1	-597.8	5.3	4.1	.5
		71.3	-107.3	92	93	777.1	-1150.7	-1	-1					
30TH	108.07									361.8	-490.5	3.8	2.9	.3
		71.6	-107.6	92	93	780.4	-1154.2	-1	-1					
31ST	110.87									290.2	-382.9	2.6	2.0	.2
		69.8	-102.8	92	93	760.6	-1102.3	-1	-1					
32ND	113.67									220.4	-280.1	1.7	1.3	.1
		60.8	-92.8	92	93	662.7	-995.4	-1	-0					
PLNT	116.47									159.7	-187.3	1.0	.8	.0
		78.9	-82.3	147	150	535.2	-549.4	0	0					
PARA	120.97									80.7	-105.0	.3	.2	.0
		54.0	-62.9	54	55	1007.0	-1152.0	-0	-0					
WATR	124.97									26.7	-42.1	.1	.0	.0
		26.7	-42.1	33	34	802.2	-1243.9	-1	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00													
		1.3	1.7	7	8	174.2	220.2	84	-65	2021.1	-2923.9	227.9	145.8	3.7
VOID	17.58	64.0	-76.3	212	216	301.6	-354.0	0	0	2019.8	-2925.6	176.5	110.3	3.5
PLNT	24.08	33.8	-39.6	92	93	368.6	-424.8	-0	-0	1955.8	-2849.2	157.7	97.4	3.5
1ST	26.88	37.5	-43.6	92	93	409.1	-467.5	-0	-0	1922.0	-2809.6	149.8	91.9	3.5
2ND	29.68	41.2	-47.6	92	93	449.6	-510.2	-0	-0	1884.5	-2766.0	142.0	86.6	3.5
3RD	32.48	45.0	-51.5	92	93	490.0	-552.9	-0	-0	1843.2	-2718.5	134.3	81.4	3.5
4TH	35.28	48.7	-55.5	92	93	530.5	-595.6	-0	-0	1798.3	-2666.9	126.8	76.3	3.4
5TH	38.08	51.8	-58.2	92	93	564.6	-624.2	-0	-0	1749.6	-2611.4	119.4	71.3	3.4
6TH	40.88	54.3	-60.5	92	93	592.0	-648.4	-0	-0	1697.8	-2553.2	112.2	66.5	3.4
7TH	43.68	56.8	-62.7	92	93	619.5	-672.7	-0	-0	1643.5	-2492.7	105.1	61.8	3.3
8TH	46.48	59.4	-65.0	92	93	647.0	-696.9	-0	-0	1586.7	-2430.0	98.2	57.3	3.3
9TH	49.28	61.9	-67.2	92	93	674.4	-721.2	-0	-0	1527.3	-2365.1	91.5	52.9	3.3
10TH	52.08	64.4	-69.5	92	93	701.9	-745.4	-0	-0	1465.4	-2297.8	85.0	48.8	3.2
11TH	54.88	66.9	-71.8	92	93	729.4	-770.0	-0	-0	1401.0	-2228.3	78.6	44.7	3.2
12TH	57.68	67.0	-74.4	92	93	730.5	-798.1	-0	-0	1334.1	-2156.5	72.5	40.9	3.1
13TH	60.48	66.6	-77.0	92	93	725.9	-826.2	-1	-0	1267.1	-2082.1	66.6	37.3	3.1
14TH	63.28	66.2	-79.6	92	93	721.4	-854.3	-1	-1	1200.5	-2005.1	60.8	33.8	3.0
15TH	66.08	65.8	-82.3	92	93	716.9	-882.4	-1	-1	1134.3	-1925.4	55.3	30.5	2.9
16TH	68.88	65.3	-84.9	92	93	712.3	-910.5	-1	-1	1068.6	-1843.2	50.1	27.5	2.8
17TH	71.67	64.9	-87.5	92	93	707.8	-938.6	-1	-1	1003.2	-1758.3	45.0	24.6	2.7
18TH	74.47	64.1	-89.8	92	93	698.6	-963.0	-1	-1	938.3	-1670.8	40.2	21.8	2.6
19TH	77.27	62.3	-91.8	92	93	679.6	-984.9	-1	-1	874.2	-1581.0	35.7	19.3	2.5
20TH	80.07	60.6	-93.9	92	93	660.6	-1006.9	-1	-1	811.9	-1489.2	31.4	16.9	2.3
21ST	82.87	58.9	-95.9	92	93	641.7	-1028.8	-1	-1	751.2	-1395.3	27.3	14.8	2.2
22ND	85.67	57.1	-98.0	92	93	622.7	-1050.7	-1	-1	692.4	-1299.4	23.6	12.7	2.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									635.3	-1201.4	20.0	10.9	1.9
		55.4	-100.0	92	93	603.7	-1072.6	-1	-1					
24TH	91.27									579.9	-1101.4	16.8	9.2	1.7
		53.6	-102.0	92	93	584.7	-1094.2	-1	-1					
25TH	94.07									526.2	-999.4	13.9	7.6	1.5
		53.0	-103.1	92	93	577.9	-1105.4	-1	-1					
26TH	96.87									473.2	-896.4	11.2	6.2	1.4
		52.7	-104.1	92	93	574.8	-1116.7	-1	-1					
27TH	99.67									420.5	-792.3	8.9	5.0	1.2
		52.5	-105.2	92	93	571.8	-1127.9	-1	-1					
28TH	102.47									368.0	-687.1	6.8	3.9	1.0
		52.2	-106.2	92	93	568.8	-1139.2	-1	-1					
29TH	105.27									315.9	-580.9	5.0	2.9	.8
		51.9	-107.3	92	93	565.7	-1150.5	-1	-1					
30TH	108.07									264.0	-473.6	3.5	2.1	.6
		51.6	-108.3	92	93	562.7	-1161.7	-1	-1					
31ST	110.87									212.3	-365.3	2.4	1.4	.5
		50.3	-103.8	92	93	548.5	-1113.1	-1	-1					
32ND	113.67									162.0	-261.5	1.5	.9	.3
		45.6	-93.7	92	93	496.8	-1004.8	-1	-1					
PLNT	116.47									116.4	-167.9	.9	.5	.1
		63.3	-81.4	147	150	429.5	-543.1	-1	-0					
PARA	120.97									53.1	-86.5	.3	.1	.1
		40.7	-41.7	54	55	758.2	-763.6	0	0					
WATR	124.97									12.4	-44.8	.1	.0	.1
		12.4	-44.8	33	34	373.6	-1323.2	-1	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1048.2	-2426.3	196.4	77.0	3.8
VOID	17.58	-.1	.5	7	8	-13.7	65.8	359	74	1048.3	-2426.8	153.8	58.6	3.6
PLNT	24.08	23.8	-61.0	212	216	112.3	-283.1	-0	-0	1024.5	-2365.8	138.2	51.8	3.6
1ST	26.88	11.7	-30.0	92	93	128.0	-321.3	-0	-0	1012.7	-2335.8	131.6	49.0	3.6
2ND	29.68	12.6	-32.1	92	93	137.5	-344.4	-0	-0	1000.1	-2303.7	125.1	46.2	3.5
3RD	32.48	13.5	-34.3	92	93	147.0	-367.5	-0	-0	986.6	-2269.5	118.7	43.4	3.5
4TH	35.28	14.4	-36.4	92	93	156.4	-390.6	-0	-0	972.3	-2233.0	112.4	40.6	3.5
5TH	38.08	15.2	-38.6	92	93	165.9	-413.7	-0	-0	957.1	-2194.5	106.2	37.9	3.5
6TH	40.88	17.7	-40.1	92	93	192.9	-430.1	-0	-0	939.4	-2154.4	100.1	35.3	3.5
7TH	43.68	21.8	-41.4	92	93	238.1	-444.4	-0	-0	917.5	-2112.9	94.2	32.7	3.5
8TH	46.48	26.0	-42.8	92	93	283.3	-458.7	0	0	891.5	-2070.2	88.3	30.1	3.5
9TH	49.28	30.1	-44.1	92	93	328.5	-473.0	0	0	861.4	-2026.1	82.6	27.7	3.5
10TH	52.08	34.3	-45.4	92	93	373.6	-487.4	0	0	827.1	-1980.6	77.0	25.3	3.5
11TH	54.88	38.4	-46.8	92	93	418.8	-501.7	0	0	788.7	-1933.9	71.5	23.1	3.5
12TH	57.68	42.6	-48.3	92	93	464.0	-518.1	0	0	746.1	-1885.5	66.1	20.9	3.6
13TH	60.48	43.2	-51.7	92	93	471.4	-554.9	0	0	702.9	-1833.8	60.9	18.9	3.6
14TH	63.28	43.2	-55.2	92	93	470.8	-591.6	-0	-0	659.7	-1778.7	55.9	17.0	3.6
15TH	66.08	43.1	-58.6	92	93	470.2	-628.3	-0	-0	616.6	-1720.1	51.0	15.2	3.5
16TH	68.88	43.1	-62.0	92	93	469.7	-665.1	-1	-0	573.5	-1658.1	46.3	13.5	3.5
17TH	71.67	43.0	-65.4	92	93	469.1	-701.8	-1	-1	530.4	-1592.6	41.7	12.0	3.4
18TH	74.47	43.0	-68.9	92	93	468.5	-738.6	-1	-1	487.5	-1523.8	37.3	10.6	3.3
19TH	77.27	42.1	-72.5	92	93	458.8	-777.6	-1	-1	445.4	-1451.3	33.2	9.2	3.2
20TH	80.07	39.4	-76.3	92	93	429.8	-818.2	-1	-1	405.9	-1375.0	29.2	8.1	3.0
21ST	82.87	36.8	-80.1	92	93	400.9	-858.8	-2	-1	369.2	-1294.9	25.5	7.0	2.9
22ND	85.67	34.1	-83.8	92	93	371.9	-899.3	-2	-1	335.0	-1211.1	22.0	6.0	2.7
		31.5	-87.6	92	93	343.0	-939.9	-2	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	28.8	-91.4	92	93	314.0	-980.5	-2	-1	303.6	-1123.5	18.7	5.1	2.5
24TH	91.27	26.1	-95.1	92	93	285.0	-1020.3	-2	-1	274.8	-1032.0	15.7	4.3	2.3
25TH	94.07	25.2	-96.4	92	93	275.1	-1034.5	-2	-1	248.6	-936.9	12.9	3.5	2.1
26TH	96.87	24.9	-97.8	92	93	271.1	-1048.7	-2	-1	223.4	-840.5	10.4	2.9	1.8
27TH	99.67	24.5	-99.1	92	93	267.1	-1062.9	-2	-1	198.5	-742.7	8.2	2.3	1.6
28TH	102.47	24.1	-100.4	92	93	263.1	-1077.1	-2	-1	174.0	-643.6	6.3	1.8	1.4
29TH	105.27	23.8	-101.7	92	93	259.1	-1091.3	-2	-1	149.9	-543.2	4.6	1.3	1.1
30TH	108.07	23.4	-103.1	92	93	255.1	-1105.5	-2	-1	126.1	-441.5	3.2	.9	.9
31ST	110.87	23.4	-99.4	92	93	255.4	-1065.9	-2	-1	102.7	-338.4	2.2	.6	.7
32ND	113.67	24.8	-90.7	92	93	270.0	-972.6	-2	-1	79.3	-239.0	1.3	.4	.4
PLNT	116.47	42.6	-75.6	147	150	289.0	-504.3	-1	-1	54.5	-148.3	.8	.2	.2
PARA	120.97	12.5	-24.6	54	55	232.8	-450.8	-1	-0	11.9	-72.8	.3	.0	.1
WATR	124.97	-.6	-48.2	33	34	-17.7	-1423.0	-1	0	-.6	-48.2	.1	-.0	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									26.0	-1997.7	162.8	1.4	2.4
VOID	17.58	-1.2	.3	7	8	-156.6	44.9	45	154	27.1	-1998.0	127.6	.9	2.2
PLNT	24.08	5.6	-49.8	212	216	26.4	-230.8	0	0	21.5	-1948.3	114.8	.8	2.2
1ST	26.88	1.1	-22.0	92	93	11.6	-236.1	-0	-0	20.5	-1926.2	109.4	.7	2.2
2ND	29.68	.2	-22.3	92	93	2.7	-239.3	-1	-0	20.2	-1903.9	104.0	.6	2.2
3RD	32.48	-.6	-22.6	92	93	-6.2	-242.5	-1	0	20.8	-1881.3	98.7	.6	2.2
4TH	35.28	-1.4	-22.9	92	93	-15.2	-245.7	-1	0	22.2	-1858.4	93.5	.5	2.2
5TH	38.08	-2.2	-23.2	92	93	-24.1	-248.9	-1	0	24.4	-1835.2	88.3	.5	2.2
6TH	40.88	-2.0	-25.2	92	93	-21.9	-270.8	-1	0	26.4	-1810.0	83.2	.4	2.1
7TH	43.68	-.8	-27.8	92	93	-8.2	-298.5	-1	0	27.2	-1782.1	78.2	.3	2.1
8TH	46.48	.5	-30.4	92	93	5.5	-326.2	-1	-0	26.7	-1751.7	73.3	.2	2.1
9TH	49.28	1.8	-33.0	92	93	19.2	-353.9	-0	-0	24.9	-1718.7	68.4	.2	2.1
10TH	52.08	3.0	-35.6	92	93	32.8	-381.6	-0	-0	21.9	-1683.2	63.6	.1	2.1
11TH	54.88	4.3	-38.2	92	93	46.5	-409.3	0	0	17.6	-1645.0	59.0	.0	2.1
12TH	57.68	5.5	-40.8	92	93	60.2	-438.1	0	0	12.1	-1604.2	54.4	.0	2.1
13TH	60.48	5.2	-44.5	92	93	56.4	-477.4	-0	-0	6.9	-1559.6	50.0	-.0	2.1
14TH	63.28	4.5	-48.2	92	93	48.9	-516.8	-0	-0	2.4	-1511.5	45.7	-.0	2.0
15TH	66.08	3.8	-51.9	92	93	41.4	-556.2	-1	-0	-1.4	-1459.6	41.5	-.0	2.0
16TH	68.88	3.1	-55.5	92	93	33.9	-595.6	-1	-0	-4.5	-1404.1	37.5	-.0	2.0
17TH	71.67	2.4	-59.2	92	93	26.4	-634.9	-1	-0	-6.9	-1344.9	33.7	-.0	1.9
18TH	74.47	1.7	-62.9	92	93	18.9	-674.3	-1	-0	-8.6	-1282.0	30.0	.0	1.8
19TH	77.27	1.1	-66.1	92	93	11.5	-709.2	-1	-0	-9.7	-1215.9	26.5	.0	1.8
20TH	80.07	.4	-69.1	92	93	4.2	-741.0	-1	-0	-10.1	-1146.8	23.2	.1	1.7
21ST	82.87	-.3	-72.0	92	93	-3.1	-772.8	-1	0	-9.8	-1074.8	20.1	.1	1.6
22ND	85.67	-.9	-75.0	92	93	-10.3	-804.5	-1	0	-8.8	-999.8	17.2	.1	1.5
		-1.6	-78.0	92	93	-17.6	-836.3	-1	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS ; VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-2.3	-80.9	92	93	-24.9	-868.1	-1	0	-7.2	-921.8	14.5	.1	1.4
24TH	91.27	-3.0	-83.8	92	93	-32.2	-899.1	-1	0	-4.9	-840.9	12.0	.2	1.3
25TH	94.07	-2.9	-84.5	92	93	-31.8	-906.7	-1	0	-2.0	-757.0	9.8	.2	1.2
26TH	96.87	-2.7	-85.2	92	93	-29.0	-914.3	-1	0	.3	-672.5	7.8	.2	1.1
27TH	99.67	-2.4	-86.0	92	93	-26.2	-921.9	-1	0	3.6	-587.2	6.0	.2	.9
28TH	102.47	-2.1	-86.7	92	93	-23.4	-929.5	-2	0	6.0	-501.3	4.5	.2	.8
29TH	105.27	-1.9	-87.4	92	93	-20.6	-937.1	-2	0	8.1	-414.6	3.2	.1	.7
30TH	108.07	-1.6	-88.1	92	93	-17.8	-944.8	-2	0	10.0	-327.3	2.2	.1	.5
31ST	110.87	-.7	-83.6	92	93	-7.3	-897.0	-2	0	11.7	-239.2	1.4	.1	.4
32ND	113.67	2.7	-74.0	92	93	29.4	-794.1	-2	-0	12.3	-155.5	.8	.0	.2
PLNT	116.47	11.4	-39.8	147	150	77.2	-265.5	-2	-1	9.6	-81.5	.5	.0	.1
PARA	120.97	-.6	.9	54	55	-11.2	17.3	10	6	-1.7	-41.7	.2	-.0	.0
WATR	124.97	-1.1	-42.7	33	34	-34.1	-1260.8	-0	0	-1.1	-42.7	.1	-.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-460.3	-1569.1	133.7	-32.9	-1.7
		-.8	-.4	7	8	-114.0	-50.6	-72	160					
VOID	17.58									-459.4	-1568.7	106.1	-24.8	-1.9
		-6.2	-41.4	212	216	-29.4	-192.1	-0	0					
PLNT	24.08									-453.2	-1527.3	96.1	-21.9	-1.9
		-5.0	-16.8	92	93	-54.4	-180.3	-1	0					
1ST	26.88									-448.2	-1510.5	91.8	-20.6	-1.9
		-6.4	-16.1	92	93	-69.4	-173.2	-1	0					
2ND	29.68									-441.9	-1494.3	87.6	-19.3	-1.9
		-7.8	-15.5	92	93	-84.5	-166.1	-1	1					
3RD	32.48									-434.1	-1478.9	83.4	-18.1	-2.0
		-9.1	-14.8	92	93	-99.6	-159.0	-1	1					
4TH	35.28									-425.0	-1464.0	79.3	-16.9	-2.0
		-10.5	-14.2	92	93	-114.7	-151.9	-2	1					
5TH	38.08									-414.4	-1449.9	75.2	-15.7	-2.0
		-11.8	-15.3	92	93	-128.3	-164.2	-2	1					
6TH	40.88									-402.7	-1434.6	71.2	-14.6	-2.1
		-12.9	-17.0	92	93	-140.3	-182.5	-1	1					
7TH	43.68									-389.8	-1417.5	67.2	-13.5	-2.1
		-14.0	-18.7	92	93	-152.4	-200.8	-1	1					
8TH	46.48									-375.8	-1398.8	63.3	-12.4	-2.1
		-15.1	-20.4	92	93	-164.4	-219.2	-1	0					
9TH	49.28									-360.7	-1378.4	59.4	-11.4	-2.1
		-16.2	-22.1	92	93	-176.4	-237.5	-0	0					
10TH	52.08									-344.6	-1356.2	55.6	-10.4	-2.2
		-17.3	-23.8	92	93	-188.5	-255.8	-0	0					
11TH	54.88									-327.3	-1332.4	51.8	-9.5	-2.2
		-18.4	-25.7	92	93	-200.5	-275.1	-0	0					
12TH	57.68									-308.9	-1306.7	48.1	-8.6	-2.2
		-18.6	-28.4	92	93	-202.5	-304.3	0	-0					
13TH	60.48									-290.3	-1278.4	44.5	-7.7	-2.2
		-18.6	-31.1	92	93	-202.3	-333.5	0	-0					
14TH	63.28									-271.7	-1247.3	40.9	-6.9	-2.1
		-18.5	-33.8	92	93	-202.1	-362.6	1	-0					
15TH	66.08									-253.2	-1213.5	37.5	-6.2	-2.1
		-18.5	-36.5	92	93	-201.9	-391.8	1	-0					
16TH	68.88									-234.7	-1177.0	34.2	-5.5	-2.1
		-18.5	-39.2	92	93	-201.7	-420.9	1	-0					
17TH	71.67									-216.2	-1137.7	30.9	-4.9	-2.0
		-18.5	-42.0	92	93	-201.6	-450.1	1	-1					
18TH	74.47									-197.7	-1095.7	27.8	-4.3	-2.0
		-18.0	-45.1	92	93	-196.7	-483.3	1	-1					
19TH	77.27									-179.6	-1050.7	24.8	-3.8	-1.9
		-16.7	-48.4	92	93	-182.0	-519.4	1	-0					
20TH	80.07									-162.9	-1002.3	21.9	-3.3	-1.8
		-15.3	-51.8	92	93	-167.2	-555.5	2	-0					
21ST	82.87									-147.6	-950.5	19.2	-2.9	-1.7
		-14.0	-55.2	92	93	-152.5	-591.6	2	-0					
22ND	85.67									-133.6	-895.3	16.6	-2.5	-1.6
		-12.6	-58.5	92	93	-137.8	-627.7	2	-0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-11.3	-61.9	92	93	-123.0	-663.9	2	-0	-121.0	-836.8	14.2	-2.1	-1.5
24TH	91.27	-9.9	-65.2	92	93	-108.3	-699.8	2	-0	-109.7	-774.9	11.9	-1.8	-1.4
25TH	94.07	-9.4	-68.3	92	93	-102.7	-732.4	2	-0	-99.8	-709.6	9.8	-1.5	-1.3
26TH	96.87	-9.2	-71.3	92	93	-100.1	-765.0	2	-0	-90.3	-641.4	7.9	-1.2	-1.2
27TH	99.67	-8.9	-74.4	92	93	-97.4	-797.6	2	-0	-81.1	-570.0	6.2	-1.0	-1.0
28TH	102.47	-8.7	-77.4	92	93	-94.8	-830.2	2	-0	-72.2	-495.7	4.7	-.8	-.9
29TH	105.27	-8.5	-80.4	92	93	-92.1	-862.8	2	-0	-63.5	-418.3	3.5	-.6	-.7
30TH	108.07	-8.2	-83.5	92	93	-89.5	-895.4	2	-0	-55.1	-337.9	2.4	-.4	-.6
31ST	110.87	-8.6	-80.7	92	93	-93.8	-865.2	2	-0	-46.9	-254.4	1.6	-.3	-.4
32ND	113.67	-11.2	-72.0	92	93	-121.6	-772.4	2	-0	-38.3	-173.7	1.0	-.2	-.3
PLNT	116.47	-23.3	-48.1	147	150	-157.8	-320.8	2	-1	-27.1	-101.7	.6	-.1	-.2
PARA	120.97	-3.7	-10.8	54	55	-68.5	-197.7	1	-0	-3.8	-53.6	.2	-.0	-.0
WATR	124.97	-.2	-42.8	33	34	-4.9	-1265.6	1	-0	-.2	-42.8	.1	-.0	-.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-855.1	-1819.0	154.5	-59.4	-3.3
VOID	17.58	-.9	-.7	7	8	-115.6	-88.1	-101	131	-854.2	-1818.3	122.5	-44.4	-3.5
PLNT	24.08	-17.9	-43.8	212	216	-84.4	-203.0	-0	0	-836.3	-1774.6	110.9	-38.9	-3.5
1ST	26.88	-13.4	-18.9	92	93	-146.1	-202.9	-0	0	-822.9	-1755.7	105.9	-36.5	-3.6
2ND	29.68	-16.8	-18.9	92	93	-183.3	-202.9	-1	0	-806.1	-1736.7	101.0	-34.3	-3.6
3RD	32.48	-20.2	-18.9	92	93	-220.6	-202.8	-1	1	-785.9	-1717.8	96.2	-32.0	-3.6
4TH	35.28	-23.6	-18.9	92	93	-257.8	-202.7	-1	1	-762.2	-1698.9	91.4	-29.9	-3.6
5TH	38.08	-27.1	-18.9	92	93	-295.0	-202.7	-1	1	-735.1	-1680.0	86.7	-27.8	-3.6
6TH	40.88	-29.1	-20.2	92	93	-317.1	-216.7	-0	1	-706.1	-1659.8	82.0	-25.8	-3.7
7TH	43.68	-29.7	-21.9	92	93	-323.5	-235.1	-0	0	-676.4	-1637.9	77.4	-23.8	-3.7
8TH	46.48	-30.3	-23.6	92	93	-329.9	-253.5	-0	0	-646.1	-1614.3	72.8	-22.0	-3.7
9TH	49.28	-30.8	-25.3	92	93	-336.3	-271.9	0	-0	-615.3	-1588.9	68.3	-20.2	-3.7
10TH	52.08	-31.4	-27.1	92	93	-342.7	-290.2	0	-0	-583.8	-1561.9	63.9	-18.5	-3.6
11TH	54.88	-32.0	-28.8	92	93	-349.0	-308.6	1	-1	-551.8	-1533.1	59.6	-16.9	-3.6
12TH	57.68	-32.6	-30.6	92	93	-355.4	-326.3	1	-1	-519.2	-1502.5	55.4	-15.4	-3.6
13TH	60.48	-31.6	-33.6	92	93	-344.0	-360.5	1	-1	-487.6	-1468.9	51.2	-14.0	-3.5
14TH	63.28	-30.2	-36.6	92	93	-328.8	-392.8	1	-1	-457.5	-1432.3	47.1	-12.7	-3.4
15TH	66.08	-28.8	-39.6	92	93	-313.5	-425.0	2	-1	-428.7	-1392.6	43.2	-11.5	-3.3
16TH	68.88	-27.4	-42.6	92	93	-298.3	-457.3	2	-1	-401.4	-1350.0	39.3	-10.3	-3.2
17TH	71.67	-26.0	-45.6	92	93	-283.0	-489.5	2	-1	-375.4	-1304.4	35.6	-9.2	-3.1
18TH	74.47	-24.6	-48.6	92	93	-267.8	-521.7	2	-1	-350.8	-1255.7	32.0	-8.2	-2.9
19TH	77.27	-23.4	-52.2	92	93	-255.2	-559.7	2	-1	-327.4	-1203.6	28.6	-7.2	-2.8
20TH	80.07	-22.8	-56.1	92	93	-248.2	-601.6	3	-1	-304.6	-1147.5	25.3	-6.4	-2.6
21ST	82.87	-22.1	-60.0	92	93	-241.3	-643.5	3	-1	-282.5	-1087.5	22.2	-5.5	-2.4
22ND	85.67	-21.5	-63.9	92	93	-234.4	-685.3	2	-1	-261.0	-1023.6	19.2	-4.8	-2.3
		-20.9	-67.8	92	93	-227.4	-727.2	2	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-20.2	-71.7	92	93	-220.5	-769.1	2	-1	-240.2	-955.8	16.4	-4.1	-2.1
24TH	91.27	-19.6	-75.6	92	93	-213.5	-810.4	2	-1	-219.9	-884.1	13.9	-3.4	-1.9
25TH	94.07	-19.6	-77.8	92	93	-213.6	-834.0	2	-1	-200.3	-808.5	11.5	-2.8	-1.7
26TH	96.87	-19.8	-79.9	92	93	-215.8	-857.5	2	-1	-180.7	-730.8	9.3	-2.3	-1.5
27TH	99.67	-20.0	-82.1	92	93	-218.0	-881.1	2	-1	-160.9	-650.8	7.4	-1.8	-1.3
28TH	102.47	-20.2	-84.3	92	93	-220.3	-904.6	2	-1	-140.9	-568.7	5.7	-1.4	-1.1
29TH	105.27	-20.4	-86.5	92	93	-222.5	-928.1	2	-0	-120.7	-484.3	4.2	-1.0	-.9
30TH	108.07	-20.6	-88.7	92	93	-224.8	-951.7	2	-0	-100.3	-397.8	3.0	-.7	-.7
31ST	110.87	-20.4	-86.6	92	93	-222.7	-929.1	2	-0	-79.7	-309.1	2.0	-.5	-.5
32ND	113.67	-18.9	-80.2	92	93	-206.1	-860.6	2	-0	-59.3	-222.5	1.3	-.3	-.3
PLNT	116.47	-27.2	-72.5	147	150	-184.4	-483.9	1	-1	-40.4	-142.2	.8	-.1	-.2
PARA	120.97	-13.1	-27.7	54	55	-243.6	-507.2	0	-0	-13.2	-69.7	.3	-.0	-.1
WATR	124.97	-.1	-42.0	33	34	-3.2	-1242.0	1	-0	-.1	-42.0	.1	-.0	-.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1076.6	-1876.3	154.0	-80.0	-2.7
VOID	17.58	-.8	-1.0	7	8	-109.5	-129.9	-113	93	-1075.8	-1875.3	121.0	-61.1	-2.8
PLNT	24.08	-25.1	-44.4	212	216	-118.5	-205.9	0	-0	-1050.6	-1830.9	109.0	-54.2	-2.8
1ST	26.88	-16.4	-21.5	92	93	-178.3	-230.9	0	-0	-1034.2	-1809.4	103.9	-51.3	-2.8
2ND	29.68	-19.7	-22.9	92	93	-214.4	-245.9	0	-0	-1014.6	-1786.5	98.8	-48.4	-2.8
3RD	32.48	-23.0	-24.3	92	93	-250.5	-261.0	0	-0	-991.6	-1762.1	93.9	-45.6	-2.8
4TH	35.28	-26.3	-25.7	92	93	-286.6	-276.9	0	-0	-965.3	-1736.4	89.0	-42.8	-2.8
5TH	38.08	-29.6	-27.1	92	93	-322.7	-291.1	0	-0	-935.7	-1709.3	84.1	-40.2	-2.8
6TH	40.88	-31.4	-28.7	92	93	-342.7	-308.2	0	-0	-904.3	-1680.5	79.4	-37.6	-2.8
7TH	43.68	-31.7	-30.4	92	93	-345.9	-325.9	0	-0	-872.5	-1650.1	74.7	-35.1	-2.8
8TH	46.48	-32.0	-32.0	92	93	-349.1	-343.5	0	-0	-840.5	-1618.1	70.2	-32.7	-2.8
9TH	49.28	-32.3	-33.7	92	93	-352.3	-361.2	0	-0	-808.2	-1584.4	65.7	-30.4	-2.7
10TH	52.08	-32.6	-35.3	92	93	-355.5	-378.9	1	-0	-775.6	-1549.1	61.3	-28.2	-2.7
11TH	54.88	-32.9	-37.0	92	93	-358.7	-396.6	1	-1	-742.7	-1512.1	57.0	-26.1	-2.7
12TH	57.68	-33.2	-38.7	92	93	-361.9	-414.7	1	-1	-709.5	-1473.5	52.8	-24.0	-2.6
13TH	60.48	-32.2	-40.8	92	93	-351.2	-437.3	1	-1	-677.3	-1432.7	48.8	-22.1	-2.5
14TH	63.28	-31.0	-42.9	92	93	-337.5	-459.9	1	-1	-646.3	-1389.8	44.8	-20.2	-2.5
15TH	66.08	-29.7	-45.0	92	93	-323.8	-482.5	1	-1	-616.6	-1344.8	41.0	-18.5	-2.4
16TH	68.88	-28.5	-47.1	92	93	-310.2	-505.1	1	-1	-588.1	-1297.7	37.3	-16.8	-2.3
17TH	71.67	-27.2	-49.2	92	93	-296.5	-527.7	2	-1	-560.9	-1248.5	33.7	-15.2	-2.2
18TH	74.47	-25.9	-51.3	92	93	-282.8	-550.3	2	-1	-535.0	-1197.2	30.3	-13.6	-2.1
19TH	77.27	-25.4	-53.9	92	93	-276.8	-578.1	2	-1	-509.6	-1143.3	27.0	-12.2	-1.9
20TH	80.07	-26.3	-56.8	92	93	-287.2	-609.4	2	-1	-483.3	-1086.5	23.9	-10.8	-1.8
21ST	82.87	-27.3	-59.7	92	93	-297.6	-640.6	2	-1	-456.0	-1026.8	20.9	-9.5	-1.7
22ND	85.67	-28.2	-62.6	92	93	-307.9	-671.9	2	-1	-427.7	-964.2	18.1	-8.2	-1.5
		-29.2	-65.6	92	93	-318.3	-703.2	2	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-398.5	-898.6	15.5	-7.1	-1.4
		-30.2	-68.5	92	93	-328.7	-734.5	2	-1					
24TH	91.27									-368.4	-830.1	13.1	-6.0	-1.3
		-31.1	-71.4	92	93	-339.0	-765.4	2	-1					
25TH	94.07									-337.3	-758.7	10.9	-5.0	-1.1
		-31.7	-73.1	92	93	-345.7	-784.2	2	-1					
26TH	96.87									-305.6	-685.6	8.9	-4.1	-1.0
		-32.2	-74.9	92	93	-351.1	-802.9	2	-1					
27TH	99.67									-273.3	-610.8	7.1	-3.3	-.9
		-32.7	-76.6	92	93	-356.6	-821.7	1	-1					
28TH	102.47									-240.6	-534.2	5.5	-2.6	-.7
		-33.2	-78.4	92	93	-362.1	-840.4	1	-1					
29TH	105.27									-207.4	-455.8	4.1	-2.0	-.6
		-33.7	-80.1	92	93	-367.6	-859.2	1	-1					
30TH	108.07									-173.7	-375.7	2.9	-1.4	-.5
		-34.2	-81.8	92	93	-373.0	-877.9	1	-1					
31ST	110.87									-139.5	-293.9	2.0	-1.0	-.4
		-33.5	-79.4	92	93	-365.2	-851.4	1	-1					
32ND	113.67									-106.0	-214.5	1.3	-.6	-.2
		-28.7	-72.7	92	93	-312.6	-779.9	1	-1					
PLNT	116.47									-77.3	-141.8	.8	-.4	-.1
		-36.0	-66.3	147	150	-243.9	-442.7	1	-0					
PARA	120.97									-41.3	-75.5	.3	-.1	-.0
		-30.5	-39.4	54	55	-567.5	-722.2	-0	0					
WATR	124.97									-10.9	-36.0	.0	-.0	-.0
		-10.9	-36.0	33	34	-326.5	-1064.7	1	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 1119 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1373.1	-1910.2	160.9	-110.8	-1.7
VOID	17.58	-.4	-.7	7	8	-51.2	-95.1	-165	87	-1372.7	-1909.4	127.3	-86.6	-1.8
PLNT	24.08	-26.0	-23.1	212	216	-122.6	-107.3	0	-0	-1346.7	-1886.3	115.0	-77.8	-1.8
1ST	26.88	-15.7	-13.7	92	93	-171.4	-146.6	0	-0	-1331.0	-1872.6	109.7	-74.0	-1.8
2ND	29.68	-18.4	-15.9	92	93	-200.9	-170.4	0	-0	-1312.6	-1856.8	104.5	-70.3	-1.8
3RD	32.48	-21.1	-18.1	92	93	-230.3	-194.2	0	-0	-1291.4	-1838.7	99.3	-66.7	-1.7
4TH	35.28	-23.8	-20.3	92	93	-259.8	-217.9	0	-0	-1267.6	-1818.3	94.2	-63.1	-1.7
5TH	38.08	-26.5	-22.5	92	93	-289.3	-241.7	0	-1	-1241.1	-1795.8	89.2	-59.6	-1.7
6TH	40.88	-28.4	-25.1	92	93	-309.3	-269.1	0	-0	-1212.7	-1770.7	84.2	-56.2	-1.7
7TH	43.68	-29.3	-27.7	92	93	-319.6	-297.6	0	-0	-1183.4	-1743.0	79.3	-52.8	-1.7
8TH	46.48	-30.3	-30.4	92	93	-329.9	-326.0	0	-0	-1153.1	-1712.6	74.4	-49.5	-1.6
9TH	49.28	-31.2	-33.1	92	93	-340.2	-354.5	0	-0	-1121.9	-1679.5	69.7	-46.4	-1.6
10TH	52.08	-32.2	-35.7	92	93	-350.5	-383.0	0	-0	-1089.8	-1643.8	65.0	-43.3	-1.6
11TH	54.88	-33.1	-38.4	92	93	-360.8	-411.5	0	-0	-1056.7	-1605.4	60.5	-40.3	-1.6
12TH	57.68	-34.0	-41.0	92	93	-371.0	-439.5	1	-0	-1022.6	-1564.5	56.0	-37.3	-1.5
13TH	60.48	-33.8	-43.2	92	93	-368.2	-463.6	1	-0	-988.8	-1521.3	51.7	-34.5	-1.5
14TH	63.28	-33.3	-45.5	92	93	-362.6	-487.6	1	-0	-955.6	-1475.8	47.5	-31.8	-1.4
15TH	66.08	-32.8	-47.7	92	93	-357.0	-511.6	1	-1	-922.8	-1428.1	43.4	-29.2	-1.4
16TH	68.88	-32.2	-49.9	92	93	-351.4	-535.6	1	-1	-890.6	-1378.2	39.5	-26.6	-1.3
17TH	71.67	-31.7	-52.2	92	93	-345.8	-559.7	1	-1	-858.8	-1326.0	35.7	-24.2	-1.3
18TH	74.47	-31.2	-54.4	92	93	-340.2	-583.7	1	-1	-827.6	-1271.6	32.1	-21.8	-1.2
19TH	77.27	-31.7	-57.3	92	93	-346.0	-614.6	1	-1	-795.9	-1214.3	28.6	-19.6	-1.1
20TH	80.07	-34.5	-60.6	92	93	-376.1	-650.2	1	-1	-761.4	-1153.6	25.3	-17.4	-1.0
21ST	82.87	-37.3	-63.9	92	93	-406.1	-685.8	1	-1	-724.1	-1089.7	22.2	-15.3	-.9
22ND	85.67	-40.0	-67.3	92	93	-436.1	-721.4	1	-1	-684.1	-1022.4	19.2	-13.3	-.8
		-42.8	-70.6	92	93	-466.1	-757.0	1	-1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-641.4	-951.9	16.4	-11.5	-.8
		-45.5	-73.9	92	93	-496.2	-792.6	1	-1					
24TH	91.27									-595.8	-878.0	13.9	-9.7	-.7
		-48.3	-77.1	92	93	-526.2	-827.5	1	-1					
25TH	94.07									-547.6	-800.8	11.5	-8.1	-.6
		-50.1	-78.5	92	93	-545.7	-841.6	1	-1					
26TH	96.87									-497.5	-722.4	9.4	-6.7	-.5
		-51.6	-79.8	92	93	-562.0	-855.7	1	-0					
27TH	99.67									-446.0	-642.6	7.5	-5.3	-.4
		-53.0	-81.1	92	93	-578.2	-869.8	1	-0					
28TH	102.47									-392.9	-561.5	5.8	-4.2	-.3
		-54.5	-82.4	92	93	-594.4	-883.9	1	-0					
29TH	105.27									-338.4	-479.1	4.3	-3.1	-.2
		-56.0	-83.7	92	93	-610.7	-898.0	1	-0					
30TH	108.07									-282.4	-395.4	3.1	-2.3	-.2
		-57.5	-85.0	92	93	-626.9	-912.0	0	-0					
31ST	110.87									-224.8	-310.3	2.1	-1.6	-.1
		-56.6	-81.7	92	93	-616.6	-876.8	0	-0					
32ND	113.67									-168.3	-228.6	1.4	-1.0	-.1
		-47.4	-73.9	92	93	-517.0	-792.3	1	-0					
PLNT	116.47									-120.8	-154.7	.8	-.6	-.0
		-57.1	-66.6	147	150	-387.1	-444.7	-0	0					
PARA	120.97									-63.8	-88.1	.3	-.2	-.0
		-41.8	-53.2	54	55	-778.6	-975.3	-0	0					
WATR	124.97									-22.0	-34.9	.0	-.0	-.0
		-22.0	-34.9	33	34	-660.8	-1030.2	0	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1875.5	-1804.9	144.9	-156.6	1.0
		-.2	-1.1	7	8	-32.9	-150.8	-132	28					
VOID	17.58									-1875.2	-1803.7	113.2	-123.6	.9
		-29.7	-33.2	212	216	-139.9	-154.1	0	-0					
PLNT	24.08									-1845.5	-1770.5	101.5	-111.5	.9
		-15.4	-19.6	92	93	-168.2	-210.7	1	-1					
1ST	26.88									-1830.1	-1750.9	96.6	-106.4	.9
		-17.0	-22.8	92	93	-185.3	-244.9	1	-1					
2ND	29.68									-1813.1	-1728.0	91.7	-101.3	.9
		-18.6	-26.0	92	93	-202.3	-279.0	1	-1					
3RD	32.48									-1794.6	-1702.0	86.9	-96.2	.0
		-20.1	-29.2	92	93	-219.4	-313.2	1	-1					
4TH	35.28									-1774.4	-1672.8	82.2	-91.2	1.0
		-21.7	-32.4	92	93	-236.5	-347.4	1	-1					
5TH	38.08									-1752.7	-1640.4	77.6	-86.3	1.0
		-23.9	-34.3	92	93	-260.2	-368.4	1	-0					
6TH	40.88									-1728.8	-1606.1	73.0	-81.4	1.1
		-26.7	-35.9	92	93	-290.8	-385.3	0	-0					
7TH	43.68									-1702.2	-1570.2	68.6	-76.6	1.1
		-29.5	-37.5	92	93	-321.5	-402.3	0	-0					
8TH	46.48									-1672.7	-1532.7	64.2	-71.9	1.1
		-32.3	-39.1	92	93	-352.1	-419.2	-0	0					
9TH	49.28									-1640.4	-1493.6	60.0	-67.2	1.1
		-35.1	-40.7	92	93	-382.7	-436.2	-0	0					
10TH	52.08									-1605.3	-1452.9	55.9	-62.7	1.1
		-37.9	-42.2	92	93	-413.3	-453.1	-0	0					
11TH	54.88									-1567.4	-1410.7	51.9	-58.2	1.1
		-40.7	-43.8	92	93	-443.9	-469.5	-0	0					
12TH	57.68									-1526.6	-1366.9	48.0	-53.9	1.0
		-43.5	-44.8	92	93	-474.5	-480.6	-1	0					
13TH	60.48									-1483.1	-1322.1	44.2	-49.7	1.0
		-46.3	-45.8	92	93	-505.0	-491.7	-1	1					
14TH	63.28									-1436.8	-1276.3	40.6	45.6	.9
		-49.1	-46.9	92	93	-535.6	-502.8	-1	1					
15TH	66.08									-1387.7	-1229.4	37.1	-41.7	.9
		-51.9	-47.9	92	93	-566.2	-513.9	-1	1					
16TH	68.88									-1335.7	-1181.5	33.7	-37.8	.8
		-54.7	-48.9	92	93	-596.8	-525.0	-1	1					
17TH	71.67									-1281.0	-1132.5	30.5	-34.2	.8
		-57.6	-50.0	92	93	-627.3	-536.1	-1	1					
18TH	74.47									-1223.4	-1082.5	27.4	-30.7	.7
		-60.1	-51.6	92	93	-655.3	-553.3	-1	1					
19TH	77.27									-1163.3	-1031.0	24.4	-27.3	.6
		-62.1	-53.6	92	93	-677.5	-574.6	-1	1					
20TH	80.07									-1101.2	-977.4	21.6	-24.2	.5
		-64.2	-55.6	92	93	-699.7	-596.0	-0	1					
21ST	82.87									-1037.0	-921.8	18.9	-21.2	.5
		-66.2	-57.6	92	93	-721.9	-617.3	-0	0					
22ND	85.67									-970.7	-864.3	16.4	-18.4	.4
		-68.3	-59.5	92	93	-744.1	-638.7	-0	0					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-902.5	-804.7	14.1	-15.7	.4
		-70.3	-61.5	92	93	-766.3	-660.0	-0	0					
24TH	91.27									-832.2	-743.2	11.9	-13.3	.3
		-72.3	-63.5	92	93	-788.5	-681.1	-0	0					
25TH	94.07									-759.9	-679.7	9.9	-11.1	.3
		-73.6	-64.8	92	93	-801.8	-694.5	-0	0					
26TH	96.87									-686.3	-614.9	8.1	-9.1	.3
		-74.5	-66.0	92	93	-812.2	-707.9	-0	0					
27TH	99.67									-611.8	-548.9	6.5	-7.2	.2
		-75.5	-67.2	92	93	-822.6	-721.3	-0	0					
28TH	102.47									-536.3	-481.7	5.1	-5.6	.2
		-76.4	-68.5	92	93	-833.1	-734.7	-0	0					
29TH	105.27									-459.9	-413.2	3.8	-4.2	.2
		-77.4	-69.7	92	93	-843.5	-748.1	-0	0					
30TH	108.07									-382.5	-343.4	2.7	-3.1	.1
		-78.3	-71.0	92	93	-854.0	-761.5	-0	0					
31ST	110.87									-304.2	-272.5	1.9	-2.1	.1
		-76.5	-68.8	92	93	-834.2	-737.6	-0	0					
32ND	113.67									-227.6	-203.7	1.2	-1.4	.1
		-65.4	-63.1	92	93	-712.5	-676.6	-0	0					
PLNT	116.47									-162.3	-140.6	.7	-.8	.1
		-81.7	-65.1	147	150	-553.8	-434.3	-0	0					
PARA	120.97									-80.6	-75.5	.2	-.3	.0
		-50.6	-47.3	54	55	-942.6	-867.1	-0	0					
WATR	124.97									-30.1	-28.2	.0	-.0	-.0
		-30.1	-28.2	33	34	-903.4	-833.3	0	-0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2286.3	-1590.4	123.7	-188.2	3.3
VOID	17.58	-.8	-1.4	7	8	-106.7	-188.4	-93	52	-2285.5	-1589.0	95.8	-148.1	3.1
PLNT	24.08	-49.0	-21.5	212	216	-231.0	-99.8	0	-1	-2236.5	-1567.5	85.5	-133.4	3.2
1ST	26.88	-22.9	-16.5	92	93	-249.7	-177.1	1	-1	-2213.6	-1551.0	81.1	-127.1	3.2
2ND	29.68	-23.9	-20.9	92	93	-261.0	-223.8	1	-1	-2189.7	-1530.1	76.8	-121.0	3.2
3RD	32.48	-25.0	-25.2	92	93	-272.3	-270.4	1	-1	-2164.7	-1504.9	72.6	-114.9	3.3
4TH	35.28	-26.0	-29.6	92	93	-283.6	-317.1	1	-1	-2138.7	-1475.4	68.4	-108.9	3.4
5TH	38.08	-27.0	-33.9	92	93	-294.8	-363.8	1	-1	-2111.6	-1441.4	64.3	-102.9	3.4
6TH	40.88	-29.1	-36.2	92	93	-316.7	-388.6	1	-1	-2082.6	-1405.2	60.3	-97.0	3.5
7TH	43.68	-32.1	-37.9	92	93	-349.4	-406.8	1	-0	-2050.5	-1367.3	56.5	-91.3	3.5
8TH	46.48	-35.1	-39.6	92	93	-382.1	-424.9	0	-0	-2015.5	-1327.7	52.7	-85.6	3.5
9TH	49.28	-38.1	-41.3	92	93	-414.9	-443.0	-0	0	-1977.4	-1286.4	49.0	-80.0	3.5
10TH	52.08	-41.1	-43.0	92	93	-447.6	-461.1	-0	0	-1936.3	-1243.4	45.5	-74.5	3.5
11TH	54.88	-44.1	-44.7	92	93	-480.4	-479.2	-1	1	-1892.3	-1198.7	42.1	-69.1	3.4
12TH	57.68	-47.1	-46.2	92	93	-513.1	-495.6	-1	1	-1845.2	-1152.5	38.8	-63.9	3.4
13TH	60.48	-51.2	-46.3	92	93	-558.4	-496.2	-1	1	-1794.0	-1106.2	35.6	-58.8	3.3
14TH	63.28	-55.6	-46.3	92	93	-606.4	-496.8	-1	1	-1738.4	-1059.9	32.6	-53.9	3.2
15TH	66.08	-60.0	-46.4	92	93	-654.3	-497.4	-1	1	-1678.3	-1013.5	29.7	-49.1	3.0
16TH	68.88	-64.4	-46.4	92	93	-702.3	-497.9	-1	1	-1613.9	-967.1	26.9	-44.5	2.9
17TH	71.67	-68.8	-46.5	92	93	-750.3	-498.5	-1	2	-1545.1	-920.6	24.3	-40.0	2.7
18TH	74.47	-73.2	-46.5	92	93	-798.3	-499.1	-1	2	-1471.8	-874.1	21.7	-35.8	2.5
19TH	77.27	-76.9	-46.9	92	93	-838.6	-502.9	-1	2	-1394.9	-827.2	19.4	-31.8	2.4
20TH	80.07	-79.1	-47.4	92	93	-862.4	-508.9	-1	2	-1315.8	-779.8	17.1	-28.0	2.2
21ST	82.87	-81.3	-48.0	92	93	-886.2	-515.0	-1	2	-1234.5	-731.8	15.0	-24.4	2.0
22ND	85.67	-83.5	-48.6	92	93	-910.1	-521.0	-1	2	-1151.0	-683.2	13.0	-21.1	1.9
		-85.7	-49.1	92	93	-933.9	-527.0	-1	1					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47									-1065.3	-634.1	11.2	-18.9	1.7
		-87.9	-49.7	92	93	-957.7	-533.0	-1	1					
24TH	91.27									-977.5	-584.4	9.5	-15.1	1.5
		-90.0	-50.3	92	93	-981.6	-539.1	-1	1					
25TH	94.07									-887.4	-534.1	7.9	-12.5	1.4
		-90.9	-50.8	92	93	-990.9	-544.9	-1	1					
26TH	96.87									-796.5	-483.3	6.5	-10.2	1.2
		-91.3	-51.3	92	93	-995.7	-550.8	-1	1					
27TH	99.67									-705.2	-431.9	5.2	-8.1	1.1
		-91.8	-51.9	92	93	-1000.5	-556.6	-1	1					
28TH	102.47									-613.4	-380.1	4.1	-6.2	.9
		-92.2	-52.4	92	93	-1005.2	-562.5	-1	1					
29TH	105.27									-521.2	-327.6	3.1	-4.6	.7
		-92.7	-53.0	92	93	-1010.0	-568.3	-1	1					
30TH	108.07									-428.5	-274.6	2.2	-3.3	.6
		-93.1	-53.5	92	93	-1014.8	-574.1	-1	1					
31ST	110.87									-335.4	-221.1	1.5	-2.2	.4
		-90.1	-52.5	92	93	-981.7	-563.0	-1	1					
32ND	113.67									-245.4	-168.6	1.0	-1.4	.3
		-75.3	-49.9	92	93	-821.2	-534.9	-1	1					
PLNT	116.47									-170.0	-118.7	.6	-.8	.2
		-90.2	-57.1	147	150	-612.0	-380.7	-1	1					
PARA	120.97									-79.8	-61.7	.2	-.3	.0
		-43.3	-44.7	54	55	-807.5	-818.8	-0	0					
WATR	124.97									-36.5	-17.0	.0	-.0	.0
		-36.5	-17.0	33	34	-1095.8	-502.4	-0	0					
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2540.9	-1180.6	93.0	-207.7	5.4
VOID	17.58	-1.0	-1.1	7	8	-139.1	-141.9	-90	87	-2539.8	-1179.5	72.3	-163.0	5.2
PLNT	24.08	-56.2	-.7	212	216	-264.7	-3.3	-0	0	-2483.7	-1178.8	64.6	-146.7	5.2
1ST	26.88	-26.0	-4.2	92	93	-283.1	-44.8	0	-0	-2457.7	-1174.6	61.3	-139.8	5.2
2ND	29.68	-27.0	-6.5	92	93	-294.2	-69.9	0	-0	-2430.7	-1168.1	58.0	-133.0	5.2
3RD	32.48	-28.0	-8.9	92	93	-305.3	-95.0	0	-1	-2402.7	-1159.2	54.8	-126.2	5.2
4TH	35.28	-29.0	-11.2	92	93	-316.4	-120.0	0	-1	-2373.7	-1148.1	51.5	-119.5	5.2
5TH	38.08	-30.0	-13.5	92	93	-327.5	-145.1	0	-1	-2343.7	-1134.5	48.4	-112.9	5.3
6TH	40.88	-32.2	-17.9	92	93	-351.4	-191.9	0	-1	-2311.4	-1116.6	45.2	-106.4	5.3
7TH	43.68	-35.6	-22.9	92	93	-388.3	-245.3	0	-0	-2275.8	-1093.8	42.1	-100.0	5.3
8TH	46.48	-39.0	-27.9	92	93	-425.3	-298.8	-0	0	-2236.8	-1065.9	39.1	-93.6	5.3
9TH	49.28	-42.4	-32.8	92	93	-462.3	-352.3	-0	0	-2194.4	-1033.1	36.1	-87.4	5.3
10TH	52.08	-45.8	-37.8	92	93	-499.2	-405.8	-0	0	-2148.6	-995.2	33.3	-81.4	5.2
11TH	54.88	-49.2	-42.8	92	93	-536.2	-459.3	-0	1	-2099.4	-952.4	30.6	-75.4	5.2
12TH	57.68	-52.6	-47.2	92	93	-573.2	-506.8	-1	1	-2046.8	-905.2	28.0	-69.6	5.1
13TH	60.48	-57.5	-46.5	92	93	-626.6	-498.3	-1	1	-1989.3	-858.7	25.5	-64.0	5.1
14TH	63.28	-62.7	-45.7	92	93	-683.5	-489.8	-1	1	-1926.6	-813.0	23.2	-58.5	4.9
15TH	66.08	-67.9	-44.9	92	93	-740.4	-481.4	-1	2	-1858.7	-768.2	21.0	-53.2	4.8
16TH	68.88	-73.1	-44.1	92	93	-797.3	-472.9	-1	2	-1785.6	-724.1	18.9	-48.1	4.6
17TH	71.67	-78.4	-43.3	92	93	-854.2	-464.4	-1	2	-1707.2	-680.8	16.9	-43.2	4.4
18TH	74.47	-83.6	-42.5	92	93	-911.1	-455.9	-1	2	-1623.6	-638.3	15.1	-38.5	4.1
19TH	77.27	-87.9	-41.6	92	93	-958.0	-446.0	-1	2	-1535.7	-596.7	13.3	-34.1	3.9
20TH	80.07	-90.2	-40.6	92	93	-983.8	-435.1	-1	2	-1445.5	-556.1	11.7	-29.9	3.6
21ST	82.87	-92.6	-39.5	92	93	-1009.5	-424.2	-1	2	-1352.9	-516.6	10.2	-26.0	3.4
22ND	85.67	-95.0	-38.5	92	93	-1035.2	-413.3	-1	2	-1257.9	-478.0	8.8	-22.4	3.1
		-97.3	-37.5	92	93	-1061.0	-402.3	-1	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-99.7	-36.5	92	93	-1086.7	-391.4	-1	2	-1160.6	-440.5	7.5	-19.0	2.8
24TH	91.27	-102.1	-35.5	92	93	-1112.4	-381.0	-1	2	-1060.9	-404.0	6.3	-15.9	2.6
25TH	94.07	-102.8	-35.8	92	93	-1120.4	-384.1	-1	2	-958.8	-368.5	5.3	-13.0	2.3
26TH	96.87	-103.0	-36.1	92	93	-1122.8	-387.3	-1	2	-856.0	-332.7	4.3	-10.5	2.0
27TH	99.67	-103.2	-36.4	92	93	-1125.3	-390.4	-1	2	-753.0	-296.6	3.4	-8.2	1.8
28TH	102.47	-103.5	-36.7	92	93	-1127.7	-393.6	-1	2	-649.8	-260.2	2.6	-6.3	1.5
29TH	105.27	-103.7	-37.0	92	93	-1130.1	-396.7	-1	2	-546.4	-223.5	1.9	-4.6	1.2
30TH	108.07	-103.9	-37.3	92	93	-1132.5	-399.8	-1	2	-442.7	-186.5	1.4	-3.2	1.0
31ST	110.87	-99.9	-37.4	92	93	-1089.2	-401.0	-1	2	-338.8	-149.3	.9	-2.1	.7
32ND	113.67	-81.8	-37.3	92	93	-891.5	-400.2	-1	2	-238.9	-111.9	.5	-1.3	.5
PLNT	116.47	-93.4	-48.5	147	150	-633.8	-323.5	-1	2	-157.1	-74.5	.3	-.8	.3
PARA	120.97	-22.9	-27.3	54	55	-426.2	-500.3	-0	0	-63.6	-26.1	.0	-.3	.1
WATR	124.97	-40.8	1.2	33	34	-1225.5	36.4	0	1	-40.8	1.2	-.0	-.1	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2212.0	-475.4	44.8	-179.4	4.5
VOID	17.58	-1.5	-1.4	7	8	-197.1	-181.4	-56	60	-2210.5	-474.1	36.5	-140.5	4.3
PLNT	24.08	-66.7	8.5	212	216	-314.3	39.3	0	1	-2143.9	-482.5	33.4	-126.4	4.3
1ST	26.88	-28.3	4.6	92	93	-308.2	48.9	0	1	-2115.6	-487.1	32.0	-120.4	4.2
2ND	29.68	-27.9	5.1	92	93	-304.5	54.8	0	1	-2087.7	-492.2	30.6	-114.5	4.2
3RD	32.48	-27.6	5.6	92	93	-300.8	60.6	0	1	-2060.1	-497.8	29.3	-108.7	4.1
4TH	35.28	-27.3	6.2	92	93	-297.1	66.4	0	1	-2032.8	-504.0	27.9	-103.0	4.1
5TH	38.08	-26.9	6.7	92	93	-293.4	72.2	0	1	-2005.9	-510.8	26.4	-97.3	4.1
6TH	40.88	-27.9	4.8	92	93	-304.3	51.7	0	1	-1978.0	-515.6	25.0	-91.8	4.1
7TH	43.68	-30.3	2.1	92	93	-330.2	23.1	0	1	-1947.7	-517.7	23.6	-86.3	4.0
8TH	46.48	-32.7	-.5	92	93	-356.1	-5.6	-0	0	-1915.0	-517.2	22.1	-80.9	4.0
9TH	49.28	-35.0	-3.2	92	93	-382.0	-34.2	-0	0	-1880.0	-514.0	20.7	-75.5	4.0
10TH	52.08	-37.4	-5.9	92	93	-407.9	-62.9	-0	0	-1842.6	-508.2	19.2	-70.3	4.0
11TH	54.88	-39.8	-8.5	92	93	-433.8	-91.5	0	-0	-1802.8	-499.6	17.8	-65.2	4.0
12TH	57.68	-42.2	-11.2	92	93	-459.7	-119.7	0	-0	-1760.6	-488.5	16.4	-60.2	4.0
13TH	60.48	-46.4	-13.4	92	93	-505.5	-143.7	-0	0	-1714.2	-475.1	15.1	-55.4	4.0
14TH	63.28	-51.0	-15.6	92	93	-555.5	-167.8	-0	1	-1663.3	-459.4	13.8	-50.6	4.0
15TH	66.08	-55.5	-17.9	92	93	-605.5	-191.8	-0	1	-1607.7	-441.5	12.5	-46.1	3.9
16TH	68.88	-60.1	-20.1	92	93	-655.5	-215.9	-0	1	-1547.6	-421.4	11.3	-41.7	3.8
17TH	71.67	-64.7	-22.4	92	93	-705.6	-239.9	-1	2	-1482.9	-399.0	10.2	-37.4	3.7
18TH	74.47	-69.3	-24.6	92	93	-755.6	-263.9	-1	2	-1413.6	-374.4	9.1	-33.4	3.5
19TH	77.27	-73.4	-24.9	92	93	-799.6	-266.8	-1	2	-1340.2	-349.6	8.1	-29.5	3.4
20TH	80.07	-76.2	-23.8	92	93	-830.8	-255.1	-1	2	-1264.0	-325.8	7.1	-25.9	3.2
21ST	82.87	-79.1	-22.7	92	93	-862.0	-243.4	-1	2	-1184.9	-303.1	6.2	-22.4	3.0
22ND	85.67	-81.9	-21.6	92	93	-893.2	-231.7	-1	2	-1103.0	-281.5	5.4	-19.2	2.8
		-84.8	-20.5	92	93	-924.4	-220.0	-1	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-87.7	-19.4	92	93	-955.5	-208.3	-1	2	-1018.2	-261.0	4.7	-16.3	2.6
24TH	91.27	-90.5	-18.4	92	93	-986.7	-197.2	-1	3	-930.5	-241.6	4.0	-13.5	2.4
25TH	94.07	-91.8	-19.0	92	93	-1001.0	-204.2	-1	2	-840.0	-223.2	3.3	-11.0	2.2
26TH	96.87	-92.6	-19.7	92	93	-1009.9	-211.2	-1	2	-748.2	-204.1	2.7	-8.8	1.9
27TH	99.67	-93.5	-20.3	92	93	-1018.8	-218.2	-1	3	-655.5	-184.5	2.2	-6.9	1.7
28TH	102.47	-94.3	-21.0	92	93	-1027.6	-225.2	-1	3	-562.1	-164.1	1.7	-5.2	1.4
29TH	105.27	-95.1	-21.6	92	93	-1036.5	-232.2	-1	3	-467.8	-143.1	1.2	-3.7	1.2
30TH	108.07	-95.9	-22.3	92	93	-1045.4	-239.2	-1	3	-372.7	-121.5	.9	-2.5	.9
31ST	110.87	-91.8	-23.5	92	93	-1000.9	-251.9	-1	2	-276.8	-99.2	.6	-1.6	.7
32ND	113.67	-71.2	-25.2	92	93	-776.5	-270.3	-1	2	-185.0	-75.7	.3	-1.0	.4
PLNT	116.47	-71.3	-39.2	147	150	-483.8	-261.4	-1	2	-113.7	-50.5	.1	-.6	.3
PARA	120.97	-3.8	-17.1	54	55	-71.1	-312.9	-1	0	-42.4	-11.3	.0	-.2	.1
WATR	124.97	-38.6	5.8	33	34	-1159.8	170.0	0	1	-38.6	5.8	-.0	-.0	.1
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1663.8	703.1	-49.8	-133.4	3.8
		-.7	-.9	7	8	-96.5	-125.6	-110	83					
VOID	17.58									-1663.1	704.1	-37.4	-104.1	3.6
		-44.3	19.6	212	216	-209.0	91.0	1	2					
PLNT	24.08									-1618.8	684.4	-32.9	-93.5	3.5
		-19.4	11.3	92	93	-211.8	121.3	1	2					
1ST	26.88									-1599.4	673.1	-31.0	-89.0	3.5
		-19.6	13.0	92	93	-213.5	139.7	1	2					
2ND	29.68									-1579.8	660.1	-29.1	-84.5	3.4
		-19.7	14.7	92	93	-215.2	158.0	2	2					
3RD	32.48									-1560.0	645.4	-27.3	-80.1	3.3
		-19.9	16.4	92	93	-216.9	176.3	2	2					
4TH	35.28									-1540.1	628.9	-25.5	-75.8	3.3
		-20.1	18.1	92	93	-218.6	194.7	2	2					
5TH	38.08									-1520.1	610.8	-23.8	-71.5	3.2
		-21.5	19.3	92	93	-234.6	206.6	2	2					
6TH	40.88									-1498.6	591.5	-22.1	-67.3	3.1
		-24.3	20.2	92	93	-265.4	216.6	2	2					
7TH	43.68									-1474.2	571.3	-20.4	-63.1	3.0
		-27.2	21.1	92	93	-296.1	226.7	1	2					
8TH	46.48									-1447.0	550.2	-18.9	-59.0	3.0
		-30.0	22.1	92	93	-326.9	236.7	1	2					
9TH	49.28									-1417.1	528.1	-17.4	-55.0	2.9
		-32.8	23.0	92	93	-357.7	246.7	1	2					
10TH	52.08									-1384.2	505.1	-15.9	-51.1	2.8
		-35.6	23.9	92	93	-388.4	256.7	1	1					
11TH	54.88									-1348.6	481.2	-14.5	-47.3	2.7
		-38.5	24.8	92	93	-419.2	265.5	1	1					
12TH	57.68									-1310.2	456.4	-13.2	-43.5	2.7
		-41.2	24.5	92	93	-448.8	262.5	1	1					
13TH	60.48									-1269.0	432.0	-12.0	-39.9	2.6
		-43.9	24.2	92	93	-478.1	259.5	1	1					
14TH	63.28									-1225.1	407.8	-10.8	-36.4	2.5
		-46.5	23.9	92	93	-507.4	256.5	1	2					
15TH	66.08									-1178.6	383.9	-9.7	-33.1	2.4
		-49.2	23.6	92	93	-536.7	253.5	1	2					
16TH	68.88									-1129.3	360.2	-8.7	-29.8	2.3
		-51.9	23.4	92	93	-566.0	250.5	1	2					
17TH	71.67									-1077.4	336.9	-7.7	-26.7	2.2
		-54.6	23.1	92	93	-595.4	247.5	1	2					
18TH	74.47									-1022.8	313.8	-6.8	-23.8	2.1
		-56.9	22.7	92	93	-619.8	243.4	1	2					
19TH	77.27									-965.9	291.1	-5.9	-21.0	2.0
		-58.2	22.2	92	93	-634.0	238.5	1	2					
20TH	80.07									-907.8	268.9	-5.1	-18.4	1.9
		-59.5	21.8	92	93	-648.2	233.7	1	2					
21ST	82.87									-848.3	247.1	-4.4	-15.9	1.8
		-60.8	21.3	92	93	-662.4	228.8	1	2					
22ND	85.67									-787.5	225.8	-3.8	-13.7	1.7
		-62.1	20.9	92	93	-676.5	224.0	1	2					

TABLE 7. SHEAR AND MOMENT DIAGRAMS : VON BRANDIS SUN HOTEL, JOHANNESBURG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
23RD	88.47	-63.4	20.4	92	93	-690.7	219.1	1	2	-725.5	294.9	-3.2	-11.5	1.6
24TH	91.27	-64.7	20.0	92	93	-704.9	214.3	1	2	-662.1	184.5	-2.6	-9.6	1.4
25TH	94.07	-65.5	19.5	92	93	-713.9	209.4	1	2	-597.4	164.5	-2.1	-7.8	1.3
26TH	96.87	-66.2	19.1	92	93	-721.2	204.6	1	2	-531.9	145.0	-1.7	-6.2	1.2
27TH	99.67	-66.8	18.6	92	93	-728.5	199.7	1	2	-465.8	125.9	-1.3	-4.8	1.1
28TH	102.47	-67.5	18.2	92	93	-735.8	194.9	1	2	-399.0	107.3	-1.0	-3.6	.9
29TH	105.27	-68.2	17.7	92	93	-743.1	190.0	1	2	-331.5	89.1	-.7	-2.6	.8
30TH	108.07	-68.8	17.3	92	93	-750.5	185.2	1	2	-263.3	71.4	-.5	-1.8	.6
31ST	110.87	-65.8	16.0	92	93	-717.4	172.1	1	2	-194.4	54.1	-.3	-1.1	.5
32ND	113.67	-50.3	14.0	92	93	-548.1	150.7	1	2	-128.6	38.1	-.2	-.7	.3
PLNT	116.47	-48.3	17.4	147	150	-327.5	116.1	1	3	-78.3	24.0	-.1	-.4	.2
PARA	120.97	-.2	4.4	54	55	-4.1	81.5	0	0	-30.1	6.6	-.0	-.2	.0
WATR	124.97	-29.8	2.2	33	34	-896.7	64.4	0	0	-29.8	2.2	-.0	-.0	.0
TOP	127.48									0.0	0.0	0.0	0.0	0.0

TABLE 7. VON BRANDIS SUN HOTEL, JOHANNESBURG
PROJECT 5690 CONFIGURATION A
SCALE = 300 REF. PRESSURE = 1110
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 2.80
NUMBER OF SIDES = 4 NO. OF FLOORS = 38

SIDE	ANGLE	Z-AXIS
1	0.0	5.461
2	270.0	5.550
3	180.0	5.461
4	90.0	5.550

FLOOR #	LABEL	HEIGHT-M
1	BASE	17.58
2	VOID	6.50
3	PLNT	2.80
4	1ST	2.80
5	2ND	2.80
6	3RD	2.80
7	4TH	2.80
8	5TH	2.80
9	6TH	2.80
10	7TH	2.80
11	8TH	2.80
12	9TH	2.80
13	10TH	2.80
14	11TH	2.80
15	12TH	2.80
16	13TH	2.80
17	14TH	2.80
18	15TH	2.80
19	16TH	2.80
20	17TH	2.80
21	18TH	2.80
22	19TH	2.80
23	20TH	2.80
24	21ST	2.80
25	22ND	2.80
26	23RD	2.80
27	24TH	2.80
28	25TH	2.80
29	26TH	2.80
30	27TH	2.80
31	28TH	2.80
32	29TH	2.80
33	30TH	2.80
34	31ST	2.80
35	32ND	2.80
36	PLNT	4.50
37	PARA	4.00
38	WATR	2.50

TABLE 7. BASE SHEAR AND MOMENT SUMMARY : TOWER HOTEL - JOHANNESBURG
CONFIGURATION A REFERENCE PRESSURE 1110 GUST FACTOR 1.32

AZIMUTH	SHEAR (KN)		MOMENT (MN-M)			ECCEN (M)	
	X	Y	X	Y	Z	X	Y
0	-1010	-28	3.3	-55.3	-3.0	0	-3
10	-919	41	1.2	-50.5	-3.1	-0	-3
20	-1482	-90	11.4	-78.4	-6.2	0	-4
30	-2181	-234	16.7	-110.5	-5.8	0	-3
40	-2390	-111	12.1	-120.8	-5.0	0	-2
50	-1966	209	-4.7	-99.3	-3.7	-0	-2
60	-925	486	-24.9	-41.3	-2.0	-1	-2
70	-9	756	-41.2	2.4	-1.3	-2	0
80	310	952	-53.8	15.8	-1.4	-2	0
90	624	1188	-65.1	28.7	-1.9	-1	1
100	902	1227	-69.7	42.0	-3.0	-2	1
110	1157	1381	-78.5	54.2	-4.3	-2	2
120	1077	1220	-68.3	51.3	-3.2	-1	1
130	1100	822	-45.5	55.7	-1.6	-1	1
140	1563	672	-35.6	81.6	-1.0	-1	1
150	1888	622	-31.8	97.9	-1.3	-1	0
160	1716	364	-18.8	89.3	-1.5	-0	-1
170	1252	120	-6.0	64.1	-1.4	0	-1
180	884	52	-2.7	45.5	-1.5	0	-1
190	706	-61	4.1	35.9	-1.8	0	-1
200	1398	-189	12.4	71.5	-2.1	0	-1
210	1396	-248	16.4	70.7	-1.9	0	-1
220	882	-341	22.6	43.7	-1.2	0	-0
230	801	-415	27.0	39.7	-1.1	-0	-0
240	672	-685	40.6	31.5	-1.2	-1	-1
250	563	-853	48.6	25.0	-1.5	-2	-1
260	385	-881	49.7	17.6	-1.5	-3	-0
270	-152	-877	49.1	-9.5	-1.7	-1	0
280	-713	-941	50.9	-38.6	-3.0	-2	2
290	-1060	-833	44.5	-58.2	-4.2	-2	2
300	-1185	-638	33.6	-65.0	-3.9	-1	3
310	-1125	-580	31.0	-59.5	-3.1	-1	2
320	-1164	-451	23.4	-60.1	-4.1	-1	3
330	-1244	-333	17.5	-64.1	-3.6	-1	3
340	-1030	-252	13.8	-56.7	-1.1	-1	1
350	-946	-107	7.8	-50.9	-2.4	0	-3

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 0 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1010.4	-27.9	3.3	-55.3	-3.0
		-.1	.0	0	0	-314.7	.0	0	1					
4TH	15.17									-1010.3	-27.9	2.9	-39.9	-3.0
		-32.0	.5	106	77	-301.2	-6.0	-0	1					
5TH	18.17									-978.4	-27.4	2.8	-37.0	-3.1
		-30.9	.9	106	77	-291.0	11.1	0	1					
6TH	21.17									-947.5	-28.3	2.7	-34.1	-3.1
		-30.0	2.2	106	77	-282.3	20.3	0	1					
7TH	24.16									-917.5	-30.5	2.6	-31.3	-3.1
		-29.0	3.5	106	77	-273.6	45.5	0	0					
8TH	27.16									-888.5	-34.0	2.5	-28.6	-3.1
		-28.2	4.8	106	77	-265.2	62.7	0	0					
9TH	30.15									-860.3	-38.8	2.4	-25.9	-3.1
		-27.8	5.5	106	77	-261.8	70.9	0	0					
10TH	33.15									-832.5	-44.3	2.3	-23.4	-3.1
		-30.9	4.8	106	77	-291.0	61.7	-0	-0					
11TH	36.15									-801.6	-49.0	2.2	-21.0	-3.1
		-34.0	4.1	106	77	-320.1	52.5	-0	-1					
12TH	39.14									-767.6	-53.1	2.0	-18.6	-3.1
		-37.1	3.3	106	77	-349.2	43.3	-0	-1					
13TH	42.14									-730.6	-56.4	1.9	-16.4	-3.0
		-40.2	2.6	106	77	-378.4	34.1	-0	-1					
14TH	45.13									-690.4	-59.1	1.7	-14.2	-3.0
		-43.3	1.8	106	77	-407.5	23.4	-0	-1					
15TH	48.13									-647.1	-60.9	1.5	-12.2	-2.9
		-45.4	.6	106	77	-427.7	8.3	-0	-2					
16TH	51.13									-601.7	-61.5	1.3	-10.4	-2.8
		-47.5	-.5	106	77	-447.9	-6.8	0	-2					
17TH	54.12									-554.2	-61.0	1.1	-8.6	-2.7
		-49.7	-1.7	106	77	-468.0	-21.9	0	-3					
18TH	57.12									-504.5	-59.3	1.0	-7.0	-2.6
		-51.8	-2.9	106	77	-488.2	-37.0	0	-3					
19TH	60.12									-452.7	-56.5	.8	-5.6	-2.4
		-54.0	-4.0	106	77	-508.3	-51.6	0	-4					
20TH	63.11									-398.7	-52.5	.6	-4.3	-2.2
		-54.6	-4.9	106	77	-514.4	-63.7	0	-4					
21ST	66.11									-344.1	-47.6	.5	-3.2	-2.0
		-55.1	-5.9	106	77	-519.0	-75.8	0	-4					
22ND	69.10									-289.0	-41.7	.3	-2.3	-1.8
		-55.6	-6.8	106	77	-523.7	-87.9	1	-5					
23RD	72.10									-233.4	-34.9	.2	-1.5	-1.5
		-56.1	-7.7	106	77	-528.4	-100.0	1	-5					
24TH	75.10									-177.3	-27.2	.1	-.9	-1.2
		-56.6	-8.6	106	77	-533.1	-111.1	1	-6					
25TH	78.09									-120.7	-18.6	.1	-.4	-.9
		-54.4	-8.8	111	80	-491.3	-109.7	1	-7					
ROOF	81.22									-66.3	-9.8	.0	-.1	-.5
		-65.8	-12.6	146	107	-449.8	-117.6	1	-7					
PARA	85.34									-.6	2.8	-.0	-.0	.0
		-.6	2.8	11	36	-51.1	77.1	5	1					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 10 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-919.0	41.4	1.2	-50.5	-3.1
		-.1	.0	0	0	-303.4	94.4	0	1					
4TH	15.17									-918.9	41.3	1.9	-36.5	-3.1
		-30.9	7.2	106	77	-290.8	93.2	0	0					
5TH	18.17									-888.0	34.1	2.0	-33.8	-3.1
		-29.7	8.5	106	77	-279.5	110.5	0	0					
6TH	21.17									-858.3	25.6	2.1	-31.2	-3.1
		-28.6	9.9	106	77	-269.4	127.8	-0	-0					
7TH	24.16									-829.7	15.8	2.1	-28.7	-3.1
		-27.5	11.2	106	77	-259.4	145.1	-0	-1					
8TH	27.16									-802.2	4.5	2.2	-26.2	-3.1
		-26.5	12.5	106	77	-249.4	162.5	-0	-1					
9TH	30.15									-775.7	-8.0	2.2	-23.9	-3.1
		-25.8	12.8	106	77	-243.2	166.2	-1	-1					
10TH	33.15									-749.9	-20.8	2.1	-21.6	-3.1
		-27.9	11.1	106	77	-263.3	143.7	-1	-2					
11TH	36.15									-721.9	-31.9	2.0	-19.4	-3.0
		-30.1	9.3	106	77	-283.4	121.1	-1	-2					
12TH	39.14									-691.9	-41.3	1.9	-17.3	-2.9
		-32.2	7.6	106	77	-303.4	98.6	-1	-2					
13TH	42 14									-659.6	-48.9	1.8	-15.2	-2.8
		-34.3	5.9	106	77	-323.5	76.0	-0	-3					
14TH	45 13									-625.3	-54.7	1.6	-13.3	-2.7
		-36.5	4.1	106	77	-343.6	53.2	-0	-3					
15TH	48.13									-588.8	-58.9	1.5	-11.5	-2.6
		-38.5	2.3	106	77	-362.5	29.8	-0	-3					
16TH	51.13									-550.3	-61.1	1.3	-9.8	-2.5
		-40.5	.5	106	77	-381.5	6.3	-0	-3					
17TH	54.12									-509.8	-61.6	1.1	-8.2	-2.4
		-42.5	-1.3	106	77	-400.4	-17.2	0	-4					
18TH	57.12									-467.3	-60.3	.9	-6.7	-2.2
		-44.5	-3.1	106	77	-419.4	-40.7	0	-4					
19TH	60.12									-422.8	-57.2	.7	-5.4	-2.1
		-46.5	-4.8	106	77	-438.3	-61.9	0	-4					
20TH	63.11									-376.3	-52.4	.6	-4.2	-1.9
		-48.1	-5.6	106	77	-452.7	-72.3	0	-4					
21ST	66.11									-328.2	-46.8	.4	-3.2	-1.7
		-49.5	-6.4	106	77	-466.7	-82.7	1	-4					
22ND	69.10									-278.7	-40.4	.3	-2.2	-1.4
		-51.0	-7.2	106	77	-480.6	-93.1	1	-5					
23RD	72.10									-227.7	-33.2	.2	-1.5	-1.2
		-52.5	-8.0	106	77	-494.6	-103.5	1	-5					
24TH	75.10									-175.2	-25.2	.1	-.9	-.9
		-54.0	-8.7	106	77	-508.5	-112.7	1	-5					
25TH	78.09									-121.2	-16.5	.0	-.4	-.7
		-52.9	-8.7	111	80	-478.2	-108.4	1	-5					
ROOF	81.22									-68.2	-7.8	0	-.1	-.4
		-66.5	-12.0	146	107	-454.8	-111.6	1	-6					
PARA	85.34									-1.7	4.2	-.0	-.0	.0
		-1.7	4.2	11	36	-160.7	114.1	5	2					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 20 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00	-.2	.1	0	0	-556.6	350.4	-1	-1	-1482.1	-89.6	11.4	-78.4	-6.2
4TH	15.17	-57.3	25.8	106	77	-539.7	334.3	-1	-2	-1481.9	-89.6	10.0	-55.9	-6.2
5TH	18.17	-56.1	23.4	106	77	-528.5	303.2	-1	-2	-1424.6	-115.4	9.7	-51.5	-6.1
6TH	21.17	-55.1	21.0	106	77	-519.4	272.2	-1	-3	-1368.5	-138.8	9.3	-47.3	-5.9
7TH	24.16	-54.2	18.6	106	77	-510.2	241.2	-1	-3	-1313.4	-159.9	8.9	-43.3	-5.8
8TH	27.16	-53.2	16.2	106	77	-500.9	210.1	-1	-4	-1259.2	-178.5	8.4	-39.5	-5.6
9TH	30.15	-52.3	13.0	106	77	-492.5	168.7	-1	-5	-1206.0	-194.7	7.8	-35.8	-5.4
10TH	33.15	-53.5	8.3	106	77	-504.0	107.2	-1	-5	-1153.7	-207.7	7.2	-32.2	-5.1
11TH	36.15	-54.7	3.5	106	77	-515.5	45.7	-0	-5	-1100.2	-216.0	6.6	-28.9	-4.8
12TH	39.14	-56.0	-1.2	106	77	-527.0	-15.7	0	-5	-1045.5	-219.5	5.9	-25.6	-4.6
13TH	42.14	-57.2	-6.0	106	77	-538.6	-77.2	0	-5	-989.5	-218.3	5.3	-22.6	-4.3
14TH	45.13	-58.4	-9.9	106	77	-550.1	-127.9	1	-4	-932.4	-212.3	4.6	-19.7	-4.1
15TH	48.13	-60.3	-11.3	106	77	-567.9	-146.9	1	-4	-874.0	-202.5	4.0	-17.0	-3.8
16TH	51.13	-62.2	-12.8	106	77	-585.8	-165.9	1	-4	-813.7	-191.1	3.4	-14.5	-3.5
17TH	54.12	-64.1	-14.3	106	77	-603.7	-184.9	1	-4	-751.5	-178.3	2.9	-12.1	-3.3
18TH	57.12	-66.0	-15.7	106	77	-621.6	-203.9	1	-4	-687.4	-164.0	2.3	-10.0	-3.0
19TH	60.12	-67.9	-17.0	106	77	-639.4	-220.2	1	-4	-621.4	-148.3	1.9	-8.0	-2.7
20TH	63.11	-69.9	-17.2	106	77	-658.8	-223.2	1	-4	-553.5	-131.3	1.5	-6.3	-2.4
21ST	66.11	-72.0	-17.5	106	77	-678.3	-226.2	1	-4	-483.6	-114.1	1.1	-4.7	-2.1
22ND	69.10	-74.1	-17.7	106	77	-697.7	-229.2	1	-4	-411.6	-96.6	.8	-3.4	-1.7
23RD	72.10	-76.1	-17.9	106	77	-717.2	-232.2	1	-4	-337.5	-78.9	.5	-2.2	-1.4
24TH	75.10	-78.2	-18.2	106	77	-736.7	-235.2	1	-4	-261.4	-61.0	.3	-1.3	-1.1
25TH	78.09	-78.4	-19.1	111	80	-708.6	-237.7	1	-4	-183.2	-42.8	.1	-.7	-.7
ROOF	81.22	-101.7	-26.5	146	107	-695.2	-247.5	1	-4	-104.7	-23.7	.0	-.2	-.4
PARA	85.34	-3.1	2.8	11	36	-286.6	77.9	7	8	-3.1	2.8	-.0	-.0	.0
TOP	87.55									0.0	0.0	0.0	0.0	0.0

'TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 30 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2181.1	-234.5	16.7	-110.5	-5.8
		-.3	.1	0	0	-870.0	314.1	-0	-1					
4TH	15.17									-2180.8	-234.5	13.1	-77.4	-5.8
		-89.4	21.4	106	77	-842.0	277.8	-0	-2					
5TH	18.17									-2091.4	-256.0	12.4	-71.0	-5.7
		-89.7	17.0	106	77	-845.1	219.9	-0	-2					
6TH	21.17									-2001.7	-273.0	11.6	-64.9	-5.5
		-90.6	12.5	106	77	-853.3	161.9	-0	-3					
7TH	24.16									-1911.1	-285.5	10.7	-59.0	-5.2
		-91.5	8.0	106	77	-861.6	103.9	-0	-3					
8TH	27.16									-1819.7	-293.5	9.9	-53.5	-4.9
		-92.3	3.5	106	77	-869.9	45.9	-0	-3					
9TH	30.15									-1727.3	-297.0	9.0	-48.1	-4.6
		-93.1	-.8	106	77	-877.3	-10.9	0	-4					
10TH	33.15									-1634.2	-296.2	8.1	-43.1	-4.3
		-92.6	-5.0	106	77	-872.7	-65.4	0	-4					
11TH	36.15									-1541.5	-291.1	7.2	-38.3	-3.9
		-92.2	-9.3	106	77	-868.2	-119.9	0	-3					
12TH	39.14									-1449.4	-281.9	6.4	-33.9	-3.6
		-91.7	-13.5	106	77	-863.6	-174.4	0	-3					
13TH	42.14									-1357.7	-268.4	5.5	-29.7	-3.3
		-91.2	-17.7	106	77	-859.0	-229.0	1	-3					
14TH	45.13									-1266.5	-250.7	4.8	-25.7	-3.0
		-90.7	-20.8	106	77	-854.4	-269.3	1	-3					
15TH	48.13									-1175.8	-229.9	4.0	-22.1	-2.8
		-91.3	-20.7	106	77	-859.6	-268.1	1	-3					
16TH	51.13									-1084.5	-209.2	3.4	-18.7	-2.5
		-91.8	-20.6	106	77	-864.8	-266.9	1	-3					
17TH	54.12									-992.7	-188.6	2.8	-15.6	-2.3
		-92.4	-20.5	106	77	-869.9	-265.7	1	-3					
18TH	57.12									-900.4	-168.1	2.3	-12.7	-2.0
		-92.9	-20.4	106	77	-875.1	-264.5	1	-2					
19TH	60.12									-807.5	-147.7	1.8	-10.2	-1.8
		-93.5	-20.2	106	77	-880.3	-261.7	1	-2					
20TH	63.11									-714.0	-127.5	1.4	-7.9	-1.5
		-94.9	-19.4	106	77	-893.8	-250.8	0	-2					
21ST	66.11									-619.1	-108.1	1.0	-5.9	-1.3
		-96.4	-18.5	106	77	-908.0	-239.8	0	-2					
22ND	69.10									-522.8	-89.6	.7	-4.2	-1.1
		-97.9	-17.7	106	77	-922.3	-228.9	0	-2					
23RD	72.10									-424.8	-72.0	.5	-2.8	-.8
		-99.4	-16.8	106	77	-936.5	-217.9	0	-2					
24TH	75.10									-325.4	-55.1	.3	-1.6	-.6
		-100.9	-16.0	106	77	-950.8	-207.3	0	-2					
25TH	78.09									-224.5	-39.1	.1	-.8	-.4
		-98.7	-16.1	111	80	-892.0	-200.0	0	-2					
ROOF	81.22									-125.7	-23.0	.1	-.3	-.2
		-121.0	-21.5	146	107	-827.8	-200.4	0	-2					
PARA	85.34									-4.7	-1.6	.0	-.0	.1
		-4.7	-1.6	11	36	-436.2	-42.5	-4	13					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 40 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-2389.8	-111.1	12.1	-120.8	-5.0
4TH	15.17	-.3	.1	0	0	-883.4	413.8	-0	-1	-2389.5	-111.2	10.4	-84.6	-5.0
5TH	18.17	-91.0	30.1	106	77	-857.0	389.8	-0	-1	-2298.6	-141.3	10.0	-77.5	-4.9
6TH	21.17	-93.3	26.6	106	77	-879.3	344.1	-1	-2	-2205.2	-167.8	9.6	-70.8	-4.7
7TH	24.16	-96.4	23.0	106	77	-908.3	298.5	-1	-2	-2108.8	-190.9	9.0	-64.3	-4.4
8TH	27.16	-99.5	19.5	106	77	-937.4	252.8	-1	-3	-2009.3	-210.4	8.4	-58.2	-4.1
9TH	30.15	-102.6	16.0	106	77	-966.5	207.2	-1	-3	-1906.7	-226.4	7.8	-52.3	-3.8
10TH	33.15	-105.5	11.7	106	77	-993.7	151.4	-0	-4	-1801.2	-238.1	7.1	-46.7	-3.4
11TH	36.15	-105.1	5.8	106	77	-989.9	75.7	-0	-4	-1696.1	-243.9	6.4	-41.5	-3.0
12TH	39.14	-104.7	.0	106	77	-986.0	.1	-0	-3	-1591.4	-243.9	5.6	-36.6	-2.6
13TH	42.14	-104.3	-5.8	106	77	-982.1	-75.5	0	-3	-1487.2	-238.1	4.9	-32.0	-2.3
14TH	45.13	-103.8	-11.7	106	77	-978.2	-151.1	0	-3	-1383.3	-226.4	4.2	-27.7	-2.0
15TH	48.13	-103.4	-16.3	106	77	-974.3	-211.3	0	-3	-1279.9	-210.1	3.6	-23.7	-1.8
16TH	51.13	-103.4	-17.5	106	77	-973.8	-226.1	0	-2	-1176.5	-192.7	3.0	-20.0	-1.5
17TH	54.12	-103.3	-18.6	106	77	-973.2	-240.9	0	-2	-1073.2	-174.1	2.4	-16.6	-1.3
18TH	57.12	-103.3	-19.7	106	77	-972.6	-255.6	0	-2	-969.9	-154.3	1.9	-13.6	-1.1
19TH	60.12	-103.2	-20.9	106	77	-972.0	-270.4	0	-2	-866.7	-133.5	1.5	-10.8	-.9
20TH	63.11	-103.1	-21.5	106	77	-971.5	-279.2	0	-2	-763.6	-111.9	1.1	-8.4	-.7
21ST	66.11	-103.9	-19.9	106	77	-978 6	-257.8	0	-2	-659.7	-92.0	.8	-6.2	-.5
22ND	69.10	-104.7	-18.3	106	77	-986.5	-236.5	0	-1	-555.0	-73.8	.6	-4.4	-.4
23RD	72.10	-105.6	-16.6	106	77	-994.4	-215.1	0	-1	-449.4	-57.2	.4	-2.9	-.2
24TH	75.10	-106.4	-15.0	106	77	-1002.3	-193.8	0	-1	-343.0	-42.2	.2	-1.7	-.1
25TH	78.09	-107.2	-13.3	106	77	-1010.1	-172.6	0	-1	-235.8	-28.9	.1	-.9	.0
ROOF	81.22	-104.0	-12.3	111	80	-939.9	-152.5	0	-1	-131.8	-16.6	.0	-.3	.1
PARA	85.34	-125.2	-14.9	146	107	-856.4	-139.2	0	-0	-6.5	-1.7	.0	-.0	.1
TOP	87.55	-6.5	-1.7	11	36	-606.4	-45.7	-3	13	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 50 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1965.7	209.2	-4.7	-99.3	-3.7
		-.2	.1	0	0	-652.1	425.9	-0	-1					
4TH	15.17									-1965.5	209.1	-1.6	-69.4	-3.7
		-66.5	32.3	106	77	-626.4	418.8	-0	-1					
5TH	18.17									-1899.0	176.8	-1.0	-63.6	-3.6
		-69.5	31.0	106	77	-655.1	401.1	-1	-1					
6TH	21.17									-1829.4	145.8	-.5	-58.1	-3.5
		-73.3	29.6	106	77	-690.9	383.3	-1	-2					
7TH	24.16									-1756.1	116.2	-.1	-52.7	-3.4
		-77.1	28.2	106	77	-726.7	365.6	-1	-2					
8TH	27.16									-1678.9	88.0	.2	-47.5	-3.2
		-81.0	26.9	106	77	-762.6	347.9	-1	-3					
9TH	30.15									-1598.0	61.1	.4	-42.6	-2.9
		-84.7	24.5	106	77	-797.8	317.5	-1	-3					
10TH	33.15									-1513.3	36.6	.6	-38.0	-2.6
		-86.9	20.3	106	77	-819.0	262.6	-1	-3					
11TH	36.15									-1426.3	16.3	.7	-33.6	-2.3
		-89.2	16.0	106	77	-840.1	207.7	-1	-3					
12TH	39.14									-1337.1	.3	.7	-29.4	-2.0
		-91.4	11.8	106	77	-861.3	152.8	-0	-3					
13TH	42.14									-1245.7	-11.5	.7	-25.6	-1.7
		-93.7	7.6	106	77	-882.4	97.9	-0	-3					
14TH	45.13									-1152.0	-19.0	.6	-22.0	-1.4
		-95.9	4.0	106	77	-903.5	51.8	-0	-3					
15TH	48.13									-1056.1	-23.0	.6	-18.7	-1.1
		-94.7	2.4	106	77	-892.0	31.6	-0	-3					
16TH	51.13									-961.4	-25.5	.5	-15.6	-.9
		-93.5	.9	106	77	-880.5	11.4	-0	-3					
17TH	54.12									-867.9	-26.3	.4	-12.9	-.6
		-92.3	-.7	106	77	-869.0	-8.9	0	-2					
18TH	57.12									-775.7	-25.7	.3	-10.4	-.4
		-91.0	-2.2	106	77	-857.5	-29.1	0	-2					
19TH	60.12									-684.6	-23.4	.3	-8.2	-.2
		-89.8	-3.5	106	77	-846.0	-45.6	0	-2					
20TH	63.11									-594.8	-19.9	.2	-6.3	-.1
		-88.1	-3.4	106	77	-830.2	-44.1	0	-2					
21ST	66.11									-506.7	-16.5	.1	-4.7	.1
		-86.4	-3.3	106	77	-813.9	-42.5	0	-1					
22ND	69.10									-420.3	-13.2	.1	-3.3	.2
		-84.7	-3.2	106	77	-797.6	-41.0	0	-1					
23RD	72.10									-335.6	-10.1	.1	-2.2	.2
		-82.9	-3.0	106	77	-781.3	-39.4	0	-0					
24TH	75.10									-252.7	-7.0	.0	-1.3	.3
		-81.2	-2.9	106	77	-765.0	-37.1	0	-0					
25TH	78.09									-171.5	-4.1	.0	-.6	.3
		-76.5	-2.2	111	80	-691.2	-26.7	-0	1					
ROOF	81.22									-95.0	-2.0	.0	-.2	.2
		-88.2	-2.7	146	107	-603.1	-24.7	-0	2					
PARA	85.34									-6.8	.7	-.0	-.0	.1
		-6.8	.7	11	36	-628.6	18.2	1	13					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 60 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-925.4	485.6	-24.9	-41.3	-2.0
		-.1	.1	0	0	-383.5	300.2	-0	-1					
4TH	15.17									-925.3	485.5	-17.5	-27.3	-2.0
		-39.1	22.9	106	77	-367.9	297.1	-0	-1					
5TH	18.17									-886.3	462.6	-16.1	-24.6	-1.9
		-42.1	22.5	106	77	-396.5	291.6	-1	-1					
6TH	21.17									-844.2	440.1	-14.7	-22.0	-1.9
		-45.7	22.1	106	77	-430.4	286.1	-1	-2					
7TH	24.16									-798.5	418.0	-13.4	-19.5	-1.8
		-49.3	21.7	106	77	-464.4	280.7	-1	-2					
8TH	27.16									-749.2	396.3	-12.2	-17.2	-1.7
		-52.9	21.2	106	77	-498.4	275.2	-1	-2					
9TH	30.15									-696.3	375.1	-11.1	-15.0	-1.5
		-56.2	20.5	106	77	-529.8	266.1	-1	-2					
10TH	33.15									-640.0	354.5	-10.0	-13.0	-1.4
		-55.7	19.3	106	77	-524.8	249.8	-1	-2					
11TH	36.15									-584.3	335.3	-8.9	-11.2	-1.2
		-55.2	18.0	106	77	-519.9	233.6	-1	-2					
12TH	39.14									-529.1	317.2	-8.0	-9.5	-1.1
		-54.7	16.8	106	77	-514.9	217.4	-1	-2					
13TH	42.14									-474.5	300.4	-7.0	-8.0	-1.0
		-54.1	15.5	106	77	-510.0	201.2	-1	-2					
14TH	45.13									-420.3	284.9	-6.2	-6.7	-.9
		-53.6	14.9	106	77	-505.0	193.3	-1	-2					
15TH	48.13									-366.7	270.0	-5.3	-5.5	-.8
		-49.2	16.2	106	77	-463.4	209.7	-1	-2					
16TH	51.13									-317.5	253.8	-4.6	-4.5	-.7
		-44.8	17.5	106	77	-421.7	226.2	-1	-2					
17TH	54.12									-272.7	236.3	-3.8	-3.6	-.6
		-40.4	18.7	106	77	-380.1	242.7	-1	-1					
18TH	57.12									-232.4	217.6	-3.1	-2.8	-.5
		-35.9	20.0	106	77	-338.5	259.2	-1	-1					
19TH	60.12									-196.5	197.6	-2.5	-2.2	-.5
		-31.5	21.3	106	77	-296.8	275.4	-1	-1					
20TH	63.11									-165.0	176.3	-2.0	-1.7	-.4
		-28.9	22.4	106	77	-272.6	290.5	-1	-1					
21ST	66.11									-136.0	153.9	-1.5	-1.2	-.4
		-26.6	23.6	106	77	-250.1	305.5	-1	-1					
22ND	69.10									-109.5	130.3	-1.0	-.8	-.3
		-24.2	24.7	106	77	-227.6	320.6	-1	-1					
23RD	72.10									-85.3	105.6	-.7	-.6	-.2
		-21.8	25.9	106	77	-205.0	335.6	-2	-1					
24TH	75.10									-63.5	79.7	-.4	-.3	-.2
		-19.4	26.7	106	77	-182.5	345.5	-2	-1					
25TH	78.09									-44.2	53.0	-.2	-.2	-.1
		-18.4	23.8	111	80	-166.0	295.4	-2	-1					
ROOF	81.22									-25.8	29.2	-.1	-.1	-.0
		-23.3	24.2	146	107	-159.2	225.9	-1	-1					
PARA	85.34									-2.5	5.0	-.0	-.0	.0
		-2.5	5.0	11	36	-233.4	137.5	3	2					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 70 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-8.6	755.6	-41.2	2.4	-1.3
		-.0	.1	0	0	-139.8	273.3	0	0					
4TH	15.17									-8.5	755.5	-29.7	2.6	-1.3
		-14.1	20.9	106	77	-132.8	270.3	0	0					
5TH	18.17									5.6	734.7	-27.5	2.6	-1.3
		-13.3	20.9	106	77	-124.8	271.3	0	0					
6TH	21.17									18.8	713.7	-25.3	2.5	-1.3
		-12.5	21.0	106	77	-117.4	272.2	0	0					
7TH	24.16									31.3	692.7	-23.2	2.5	-1.3
		-11.7	21.1	106	77	-110.0	273.2	0	0					
8TH	27.16									43.0	671.6	-21.2	2.3	-1.3
		-10.9	21.2	106	77	-102.9	274.1	1	0					
9TH	30.15									53.9	650.5	-19.2	2.2	-1.4
		-10.2	21.9	106	77	-95.7	283.7	1	0					
10TH	33.15									64.0	628.6	-17.3	2.0	-1.4
		-7.0	23.9	106	77	-65.6	309.9	0	0					
11TH	36.15									71.0	604.7	-15.4	1.8	-1.4
		-3.8	25.9	106	77	-35.6	336.1	0	0					
12TH	39.14									74.8	578.7	-13.6	1.6	-1.4
		-.6	28.0	106	77	-5.5	362.3	-0	-0					
13TH	42.14									75.4	550.7	-12.0	1.4	-1.4
		2.6	30.0	106	77	24.6	388.6	-1	0					
14TH	45.13									72.8	520.7	-10.3	1.2	-1.4
		5.8	32.2	106	77	54.6	417.6	-1	0					
15TH	48.13									67.0	488.5	-8.8	.9	-1.3
		6.3	35.1	106	77	59.8	454.9	-1	0					
16TH	51.13									60.6	453.4	-7.4	.8	-1.3
		6.9	38.0	106	77	64.9	492.1	-1	0					
17TH	54.12									53.7	415.4	-6.1	.6	-1.2
		7.4	40.9	106	77	70.0	529.4	-2	0					
18TH	57.12									46.3	374.6	-4.9	.4	-1.2
		8.0	43.7	106	77	75.1	566.6	-2	0					
19TH	60.12									38.3	330.8	-3.9	.3	-1.1
		8.5	45.9	106	77	80.2	594.7	-2	0					
20TH	63.11									29.8	284.9	-3.0	.2	-1.0
		7.6	44.5	106	77	71.9	576.9	-3	0					
21ST	66.11									22.2	240.4	-2.2	.1	-.9
		6.6	43.2	106	77	62.2	559.1	-3	0					
22ND	69.10									15.6	197.2	-1.5	.1	-.7
		5.6	41.8	106	77	52.5	541.3	-3	0					
23RD	72.10									10.0	155.5	-1.0	.0	-.6
		4.6	40.4	106	77	42.9	523.5	-4	0					
24TH	75.10									5.4	115.0	-.6	.0	-.5
		3.5	38.7	106	77	33.2	500.9	-4	0					
25TH	78.09									1.9	76.4	-.3	-.0	-.3
		2.3	34.0	111	80	20.5	422.3	-4	0					
ROOF	81.22									-.4	42.4	-.1	-.0	-.2
		.8	34.5	146	107	5.3	321.3	-4	0					
PARA	85.34									-1.1	7.9	-.0	-.0	.0
		-1.1	7.9	11	36	-105.0	217.7	0	0					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									309.7	951.9	-53.8	15.8	-.4
4TH	15.17	.0	.1	0	0	74.8	293.8	2	-1	309.6	951.8	-39.3	11.1	-.4
5TH	18.17	10.2	22.1	106	77	96.1	286.5	3	-1	299.4	929.7	-36.5	10.2	-.5
6TH	21.17	11.1	22.0	106	77	104.5	285.6	3	-2	288.3	907 7	-33.7	9.3	-.5
7TH	24.16	11.7	22.0	106	77	109.9	284.8	3	-2	276.7	885.7	-31.1	8.5	-.6
8TH	27.16	12.2	21.9	106	77	115.4	284.0	4	-2	264.4	863.8	-28.4	7.7	-.7
9TH	30.15	12.8	21.9	106	77	120.7	283.1	4	-2	251 6	841.9	-25.9	6.9	-.9
10TH	33.15	13.2	23.1	106	77	124.6	299.4	4	-2	238.4	818.8	-23.4	6.2	-1.0
11TH	36.15	13.4	26.9	106	77	126.1	348.9	2	-1	225.0	791.9	-21.0	5.5	-1.0
12TH	39.14	13.5	30.8	106	77	127.6	398.4	1	-0	211.5	761.1	-18.7	4.8	-1.1
13TH	42.14	13.7	34.6	106	77	129.0	447.9	-0	0	197.8	726.5	-16.4	4.2	-1.1
14TH	45.13	13.9	38.4	106	77	130.5	497.5	-1	0	183.9	688.1	-14.3	3.6	-1.0
15TH	48.13	14.0	41.9	106	77	132.0	543.0	-2	1	169.9	646.2	-12.3	3.1	-.9
16TH	51.13	13.9	44.5	106	77	131.3	576.7	-2	1	155.9	601.7	-10.4	2.6	-.8
17TH	54.12	13.9	47.1	106	77	130.6	610.5	-2	1	142.1	554.6	-8.7	2.2	-.7
18TH	57.12	13.8	49.7	106	77	129.9	644.3	-2	1	128.3	504.9	-7.1	1.8	-.6
19TH	60.12	13.7	52.3	106	77	129.2	678.0	-2	1	114.6	452.5	-5.7	1.4	-.5
20TH	63.11	13.6	54.5	106	77	128.5	706.0	-2	1	100.9	398.0	-4.4	1.1	-.4
21ST	66.11	13.9	54.5	106	77	130.8	705.5	-2	0	87.1	343.6	-3.3	.8	-.3
22ND	69.10	14.2	54.4	106	77	133.3	705.0	-2	0	72.9	289.2	-2.3	.6	-.2
23RD	72.10	14.4	54.4	106	77	135.9	704.4	-1	0	58.5	234.8	-1.6	.4	-.1
24TH	75.10	14.7	54.3	106	77	138.5	703.9	-1	0	43.8	180.4	-.9	.2	-.0
25TH	78.09	15.0	54.1	106	77	141.1	700.7	-0	0	28 8	126.4	-.5	.1	-.0
ROOF	81.22	14.2	53.7	111	80	128.3	666.8	-0	0	14.6	72.7	-.2	.0	-.0
PARA	85.34	15.2	66.1	146	107	104.0	615.9	-0	0	-.6	6.6	-.0	-.0	.0
TOP	87.55	-.6	6.6	11	36	-58.0	182.1	1	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 90 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									623.6	1187.6	-66.1	28.7	-1.9
		.1	.1	0	0	245.2	373.0	2	-2					
4TH	15.17									623.5	1187.5	-48.1	19.3	-1.9
		29.5	27.9	106	77	277.4	361.9	2	-3					
5TH	18.17									594.0	1159.6	-44.6	17.4	-2.1
		31.1	27.9	106	77	293.1	361.8	2	-3					
6TH	21.17									562.9	1131.7	-41.2	15.7	-2.2
		32.3	27.9	106	77	304.5	361.7	2	-3					
7TH	24.16									530.6	1103.7	-37.8	14.1	-2.4
		33.5	27.9	106	77	315.8	361.6	2	-3					
8TH	27.16									497.1	1075.8	-34.6	12.5	-2.5
		34.7	27.9	106	77	327.0	361.5	2	-3					
9TH	30.15									462.4	1047.9	-31.4	11.1	-2.7
		35.6	29.8	106	77	335.2	386.0	2	-2					
10TH	33.15									426.8	1018.1	-28.3	9.8	-2.8
		34.2	35.4	106	77	322.1	458.5	1	-1					
11TH	36.15									392.6	982.7	-25.3	8.5	-2.9
		32.8	41.0	106	77	309.1	531.0	-0	0					
12TH	39.14									359.8	941.8	-22.4	7.4	-2.9
		31.4	46.6	106	77	296.0	603.4	-1	1					
13TH	42.14									328.3	895.2	-19.7	6.4	-2.8
		30.0	52.2	106	77	282.9	675.9	-2	1					
14TH	45.13									298.3	843.0	-17.1	5.4	-2.7
		28.6	56.9	106	77	269.8	736.7	-3	2					
15TH	48.13									269.7	786.1	-14.6	4.6	-2.4
		27.3	58.9	106	77	257.3	763.2	-3	1					
16TH	51.13									242.4	727.2	-12.3	3.8	-2.2
		26.0	61.0	106	77	244.8	789.7	-3	1					
17TH	54.12									216.4	666.3	-10.3	3.1	-2.0
		24.7	63.0	106	77	232.4	816.2	-3	1					
18TH	57.12									191.7	603.3	-8.4	2.5	-1.7
		23.3	65.0	106	77	219.9	842.7	-3	1					
19TH	60.12									168.3	538.2	-6.6	2.0	-1.5
		22.0	66.7	106	77	207.4	863.8	-3	1					
20TH	63.11									146.3	471.6	-5.1	1.5	-1.3
		21.8	66.2	106	77	205.3	857.8	-3	1					
21ST	66.11									124.5	405.4	-3.8	1.1	-1.0
		21.7	65.8	106	77	204.3	851.8	-3	1					
22ND	69.10									102.8	339.6	-2.7	.8	-.8
		21.6	65.3	106	77	203.2	845.8	-3	1					
23RD	72.10									81.3	274.3	-1.8	.5	-.6
		21.5	64.8	106	77	202.1	839.9	-2	1					
24TH	75.10									59.8	209.5	-1.1	.3	-.5
		21.3	64.2	106	77	201.0	831.5	-2	1					
25TH	78.09									38.5	145.3	-.5	.1	-.3
		19.7	64.0	111	80	177.8	795.7	-2	1					
ROOF	81.22									18.8	81.3	-.2	.0	-.2
		17.6	79.1	146	107	120.2	737.6	-2	0					
PARA	85.34									1.2	2.2	-.0	.0	-.0
		1.2	2.2	11	36	112.9	59.1	-13	7					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 100 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									901.8	1227.3	-69.7	42.0	-3.0
4TH	15.17	.1	.1	0	0	419.2	373.3	1	-1	901.7	1227.2	-51.0	28.4	-3.0
5TH	18.17	49.0	27.9	106	77	461.7	362.0	1	-2	852.6	1199.3	-47.4	25.7	-3.1
6TH	21.17	49.2	28.3	106	77	463.9	366.5	1	-2	803.4	1171.0	-43.9	23.2	-3.2
7TH	24.16	48.7	28.6	106	77	458.7	371.1	1	-1	754.7	1142.3	-40.4	20.9	-3.3
8TH	27.16	48.1	29.0	106	77	453.4	375.7	1	-1	706.6	1113.3	-37.0	18.7	-3.4
9TH	30.15	47.5	29.4	106	77	447.7	380.2	1	-1	659.0	1084.0	-33.7	16.7	-3.5
10TH	33.15	46.4	31.2	106	77	436.8	404.3	1	-1	612.7	1052.8	-30.5	14.8	-3.5
11TH	36.15	44.4	36.0	106	77	418.7	466.2	0	-0	568.2	1016.8	-27.4	13.0	-3.5
12TH	39.14	42.5	40.8	106	77	400.5	528.0	-0	0	525.7	976.0	-24.4	11.4	-3.5
13TH	42.14	40.6	45.5	106	77	382.4	589.9	-1	1	485.1	930.5	-21.6	9.8	-3.5
14TH	45.13	38.7	50.3	106	77	364.2	651.7	-1	1	446.5	880.2	-18.9	8.5	-3.4
15TH	48.13	36.7	54.3	106	77	346.1	703.5	-2	1	409.7	825.9	-16.3	7.2	-3.2
16TH	51.13	36.3	56.0	106	77	342.3	725.7	-2	1	373.4	769.9	-13.9	6.0	-3.1
17TH	54.12	35.9	57.7	106	77	338.5	747.9	-2	1	337.4	712.1	-11.7	4.9	-2.9
18TH	57.12	35.5	59.4	106	77	334.7	770.1	-2	1	301.9	652.7	-9.7	4.0	-2.7
19TH	60.12	35.1	61.2	106	77	331.0	792.4	-3	2	266.8	591.5	-7.8	3.1	-2.5
20TH	63.11	34.7	62.9	106	77	327.2	815.4	-3	2	232.0	528.6	-6.1	2.4	-2.3
21ST	66.11	34.7	65.1	106	77	326.6	842.9	-3	2	197.4	463.5	-4.6	1.7	-2.0
22ND	69.10	34.6	67.2	106	77	326.3	870.3	-3	2	162.7	396.3	-3.3	1.2	-1.7
23RD	72.10	34.6	69.3	106	77	326.0	897.8	-3	2	128.1	327.0	-2.3	.8	-1.4
24TH	75.10	34.6	71.4	106	77	325.7	925.2	-3	2	93.5	255.6	-1.4	.4	-1.1
25TH	78.09	34.5	73.2	106	77	325.3	948.2	-4	2	59.0	182.4	-.7	.2	-.8
ROOF	81.22	31.3	74.0	111	80	282.4	919.9	-4	2	27.8	108.4	-.3	.1	-.5
PARA	85.34	26.8	93.9	146	107	183.1	875.1	-4	1	1.0	14.5	-.0	.0	-.1
TOP	87.55	1.0	14.5	11	36	91.1	398.7	-5	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 110 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1157.2	1380.9	-78.5	54.2	-4.3
4TH	15.17	.2	.1	0	0	576.4	439.8	0	-1	1157.0	1380.8	-57.5	36.7	-4.3
5TH	18.17	66.1	33.0	106	77	622.9	427.6	0	-1	1090.9	1347.8	-53.4	33.3	-4.3
6TH	21.17	65.3	33.2	106	77	614.8	430.4	0	-1	1025.6	1314.6	-49.5	30.1	-4.4
7TH	24.16	63.4	33.4	106	77	597.7	433.2	0	-1	962.2	1281.1	-45.6	27.2	-4.5
8TH	27.16	61.6	33.7	106	77	580.6	436.0	0	-0	900.6	1247.5	-41.8	24.4	-4.5
9TH	30.15	59.8	33.9	106	77	563.0	438.8	0	-0	840.8	1213.6	-38.1	21.8	-4.5
10TH	33.15	57.5	35.6	106	77	541.3	461.8	-0	0	783.3	1178.0	-34.5	19.3	-4.5
11TH	36.15	55.0	40.4	106	77	518.2	523.8	-0	0	728.3	1137.5	-31.0	17.1	-4.4
12TH	39.14	52.6	45.2	106	77	495.0	585.9	-1	1	675.8	1092.3	-27.7	15.0	-4.4
13TH	42.14	50.1	50.0	106	77	471.9	647.9	-1	1	625.7	1042.3	-24.5	13.0	-4.3
14TH	45.13	47.6	54.8	106	77	448.7	709.9	-1	1	578.0	987.5	-21.5	11.2	-4.1
15TH	48.13	45.2	58.9	106	77	425.6	762.7	-2	1	532.9	928.6	-18.6	9.5	-4.0
16TH	51.13	45.0	60.8	106	77	424.0	788.3	-2	1	487.8	867.8	-15.9	8.0	-3.8
17TH	54.12	44.8	62.8	106	77	422.3	813.8	-2	2	443.0	805.0	-13.4	6.6	-3.6
18TH	57.12	44.7	64.8	106	77	420.7	839.4	-2	2	398.4	740.2	-11.1	5.4	-3.4
19TH	60.12	44.5	66.8	106	77	419.1	865.0	-3	2	353.9	673.4	-9.0	4.2	-3.1
20TH	63.11	44.3	69.0	106	77	417.4	893.5	-3	2	309.6	604.4	-7.0	3.2	-2.8
21ST	66.11	44.5	72.3	106	77	419.6	936.9	-3	2	265.0	532.1	-5.3	2.4	-2.5
22ND	69.10	44.8	75.7	106	77	422.1	980.3	-3	2	220.2	456.5	-3.9	1.7	-2.2
23RD	72.10	45.1	79.0	106	77	424.6	1023.7	-3	2	175.1	377.4	-2.6	1.1	-1.8
24TH	75.10	45.3	82.4	106	77	427.1	1067.0	-4	2	129.8	295.1	-1.6	.6	-1.4
25TH	78.09	45.6	85.1	106	77	429.6	1102.6	-4	2	84.2	210.0	-.9	.3	-1.0
ROOF	81.22	42.8	84.3	111	80	386.5	1047.6	-4	2	41.4	125.7	-.3	.1	-.6
PARA	85.34	41.0	104.6	146	107	280.6	974.8	-4	2	.4	21.1	-.0	.0	-.1
TOP	87.55	.4	21.1	11	36	35.1	578.8	-4	0	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 120 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1077.0	1220.5	-68.3	51.3	-3.2
4TH	15.17	.2	.1	0	0	582.3	433.4	0	-0	1076.8	1220.4	-49.8	34.9	-3.2
5TH	18.17	64.3	32.8	106	77	605.9	425.2	0	-0	1012.5	1187.5	-46.2	31.8	-3.2
6TH	21.17	62.6	32.9	106	77	589.5	426.2	0	-0	949.9	1154.6	-42.7	28.9	-3.2
7TH	24.16	60.2	33.0	106	77	567.5	427.1	-0	0	889.6	1121.7	-39.3	26.1	-3.2
8TH	27.16	57.9	33.0	106	77	545.5	428.1	-0	0	831.7	1088.6	-36.0	23.5	-3.2
9TH	30.15	55.5	33.1	106	77	522.8	429.0	-0	0	776.2	1055.5	-32.8	21.1	-3.2
10TH	33.15	52.4	34.3	106	77	494.0	444.9	-0	0	723.8	1021.2	-29.7	18.9	-3.1
11TH	36.15	49.4	37.8	106	77	465.8	489.6	-1	1	674.3	983.4	-26.7	16.8	-3.1
12TH	39.14	46.4	41.2	106	77	437.5	534.3	-1	1	627.9	942.1	-23.8	14.8	-3.0
13TH	42.14	43.4	44.7	106	77	409.3	579.1	-1	1	584.4	897.4	-21.0	13.0	-2.9
14TH	45.13	40.4	48.2	106	77	381.0	623.8	-1	1	544.0	849.3	-18.4	11.3	-2.8
15TH	48.13	37.4	51.1	106	77	352.8	662.6	-2	1	506.5	798.1	-15.9	9.8	-2.7
16TH	51.13	37.5	52.8	106	77	352.8	684.0	-2	1	469.1	745.3	-13.6	8.3	-2.6
17TH	54.12	37.5	54.4	106	77	352.9	705.3	-2	1	431.6	690.9	-11.5	6.9	-2.4
18TH	57.12	37.5	56.1	106	77	353.0	726.6	-2	1	394.1	634.8	-9.5	5.7	-2.3
19TH	60.12	37.5	57.7	106	77	353.1	748.0	-2	1	356.7	577.1	-7.7	4.6	-2.1
20TH	63.11	37.5	59.6	106	77	353.2	771.6	-2	1	319.2	517.5	-6.0	3.6	-1.9
21ST	66.11	39.4	62.3	106	77	371.2	806.6	-2	2	279.8	455.3	-4.6	2.7	-1.7
22ND	69.10	41.5	65.0	106	77	391.0	841.7	-2	2	238.2	390.3	-3.3	1.9	-1.5
23RD	72.10	43.6	67.7	106	77	410.7	876.7	-3	2	194.6	322.6	-2.2	1.2	-1.2
24TH	75.10	45.7	70.4	106	77	430.5	911.8	-3	2	148.9	252.2	-1.4	.7	-1.0
25TH	78.09	47.8	72.6	106	77	450.3	946.2	-3	2	101.1	179.7	-.7	.4	-.7
ROOF	81.22	48.0	71.9	111	80	433.3	893.0	-3	2	53.2	107.8	-.3	.1	-.4
PARA	85.34	52.0	89.1	146	107	355.4	830.9	-3	2	1.2	18.7	-.0	.0	-.1
TOP	87.55	1.2	18.7	11	36	112.2	512.3	-4	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 130 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1100.2	822.3	-45.5	55.7	-1.6
		.2	.1	0	0	513.4	319.4	-0	1					
4TH	15.17									1100.0	822.2	-33.0	39.0	-1.6
		55.7	24.4	106	77	524.5	316.0	-0	0					
5TH	18.17									1044.3	797.8	-30.6	35.7	-1.6
		54.1	24.6	106	77	509.8	318.4	-0	0					
6TH	21.17									990.2	773.2	-28.2	32.7	-1.6
		52.2	24.8	106	77	491.8	320.7	-0	0					
7TH	24.16									938.0	748.5	-25.9	29.8	-1.5
		50.3	24.9	106	77	473.9	323.0	-0	0					
8TH	27.16									887.7	723.6	-23.7	27.1	-1.5
		48.3	25.1	106	77	454.9	325.4	-0	0					
9TH	30.15									839.4	698.4	-21.6	24.5	-1.5
		45.5	25.8	106	77	428.8	333.7	-0	0					
10TH	33.15									793.9	672.7	-19.5	22.0	-1.4
		43.7	27.3	106	77	411.8	353.8	-0	0					
11TH	36.15									750.1	645.4	-17.6	19.7	-1.4
		41.9	28.9	106	77	394.9	373.8	-0	1					
12TH	39.14									708.2	616.5	-15.7	17.5	-1.4
		40.1	30.4	106	77	378.0	393.9	-0	1					
13TH	42.14									668.1	586.1	-13.9	15.5	-1.3
		38.3	31.9	106	77	361.1	413.9	-1	1					
14TH	45.13									629.8	554.2	-12.2	13.5	-1.3
		36.5	33.3	106	77	344.2	431.7	-1	1					
15TH	48.13									593.2	520.8	-10.5	11.7	-1.3
		38.2	34.2	106	77	359.7	443.0	-1	1					
16TH	51.13									555.0	486.7	-9.0	10.0	-1.2
		39.8	35.1	106	77	375.2	454.2	-1	1					
17TH	54.12									515.2	451.6	-7.6	8.4	-1.1
		41.5	35.9	106	77	390.7	465.4	-1	1					
18TH	57.12									473.7	415.7	-6.3	6.9	-1.1
		43.1	36.8	106	77	406.2	476.7	-1	1					
19TH	60.12									430.6	378.9	-5.1	5.5	-1.0
		44.8	37.8	106	77	421.8	490.0	-1	1					
20TH	63.11									385.8	341.1	-4.1	4.3	-.9
		47.4	39.6	106	77	446.2	513.5	-1	1					
21ST	66.11									338.5	301.4	-3.1	3.2	-.8
		50.1	41.5	106	77	471.5	537.1	-1	1					
22ND	69.10									288.4	260.0	-2.3	2.3	-.7
		52.7	43.3	106	77	496.8	560.7	-1	1					
23RD	72.10									235.7	216.7	-1.5	1.5	-.6
		55.4	45.1	106	77	522.1	584.2	-1	1					
24TH	75.10									180.2	171.6	-1.0	.9	-.4
		58.1	46.7	106	77	547.4	605.4	-1	1					
25TH	78.09									122.1	124.8	-.5	.4	-.3
		57.0	48.3	111	80	515.1	599.6	-1	1					
ROOF	81.22									65.1	76.6	-.2	.1	-.2
		61.5	62.8	146	107	420.4	585.4	-1	1					
PARA	85.34									3.6	13.8	-.0	.0	-.1
		3.6	13.8	11	36	338.2	378.4	-7	2					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 140 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1562.8	671.5	-35.6	81.6	-1.0
		.2	.1	0	0	695.8	280.4	-0	1					
4TH	15.17									1562.6	671.5	-25.4	57.9	-1.0
		73.4	21.6	106	77	691.2	280.3	-0	1					
5TH	18.17									1489.2	649.8	-23.5	53.4	-.9
		70.1	22.7	106	77	660.6	294.4	-0	1					
6TH	21.17									1419.1	627.1	-21.6	49.0	-.9
		66.7	23.8	106	77	628.0	308.5	-0	1					
7TH	24.16									1352.4	603.3	-19.7	44.8	-.8
		63.2	24.9	106	77	595.4	322.5	-0	1					
8TH	27.16									1289.2	578.4	-17.9	40.9	-.7
		59.5	26.0	106	77	560.9	336.6	-0	1					
9TH	30.15									1229.7	552.4	-16.2	37.1	-.7
		54.4	26.8	106	77	512.8	347.4	-0	0					
10TH	33.15									1175.3	525.6	-14.6	33.5	-.7
		53.2	27.1	106	77	500.7	351.6	-0	0					
11TH	36.15									1122.1	498.5	-13.1	30.1	-.6
		51.9	27.5	106	77	488.5	355.8	-0	0					
12TH	39.14									1070.2	471.0	-11.6	26.8	-.6
		50.6	27.8	106	77	476.4	360.0	-0	0					
13TH	42.14									1019.7	443.2	-10.3	23.7	-.6
		49.3	28.1	106	77	464.3	364.2	-0	0					
14TH	45.13									970.4	415.1	-9.0	20.7	-.6
		48.0	28.3	106	77	452.1	366.4	-0	0					
15TH	48.13									922.4	386.8	-7.8	17.8	-.6
		54.0	28.0	106	77	508.6	362.4	-0	0					
16TH	51.13									868.4	358.9	-6.7	15.2	-.5
		60.0	27.7	106	77	565.1	358.5	-0	0					
17TH	54.12									808.4	331.2	-5.6	12.6	-.5
		66.0	27.4	106	77	621.5	354.5	-0	0					
18TH	57.12									742.4	303.8	-4.7	10.3	-.5
		72.0	27.1	106	77	678.0	350.6	-0	0					
19TH	60.12									670.4	276.8	-3.8	8.2	-.5
		78.0	27.0	106	77	734.5	350.0	-0	0					
20TH	63.11									592.5	249.7	-3.0	6.3	-.4
		80.7	28.3	106	77	760.4	366.2	-0	0					
21ST	66.11									511.7	221.5	-2.3	4.7	-.4
		83.2	29.5	106	77	783.4	382.4	-0	0					
22ND	69.10									428.6	192.0	-1.7	3.3	-.4
		85.6	30.8	106	77	806.4	398.7	-0	0					
23RD	72.10									343.0	161.2	-1.2	2.1	-.3
		88.1	32.0	106	77	829.4	414.9	-0	0					
24TH	75.10									254.9	129.2	-.7	1.2	-.3
		90.5	33.3	106	77	852.5	430.9	-0	1					
25TH	78.09									164.4	95.9	-.4	.6	-.2
		83.2	35.8	111	80	751.2	444.7	-0	1					
ROOF	81.22									81.3	60.1	-.2	.2	-.2
		75.1	48.7	146	107	513.7	453.7	-0	0					
PARA	85.34									6.1	11.4	-.0	.0	-.1
		6.1	11.4	11	36	569.6	314.0	-10	5					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 150 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1888.5	622.5	-31.8	97.9	-.3
		.3	.1	0	0	842.0	227.6	-0	1					
4TH	15.17									1888.2	622.4	-22.4	69.3	-.3
		88.0	17.8	106	77	829.0	230.9	-0	1					
5TH	18.17									1800.2	604.6	-20.5	63.7	-.2
		84.3	20.3	106	77	794.4	263.6	-0	0					
6TH	21.17									1715.9	584.3	-18.7	58.5	-.2
		80.6	22.9	106	77	759.1	296.3	-0	0					
7TH	24.16									1635.3	561.4	-17.0	53.4	-.1
		76.8	25.4	106	77	723.7	329.0	-0	0					
8TH	27.16									1558.5	536.0	-15.4	48.7	-.1
		72.9	27.9	106	77	686.5	361.7	-0	0					
9TH	30.15									1485.6	508.1	-13.8	44.1	-.1
		67.5	29.8	106	77	635.8	385.4	-0	0					
10TH	33.15									1418.1	478.3	-12.3	39.8	-.1
		66.1	30.2	106	77	622.4	391.7	-0	0					
11TH	36.15									1352.0	448.1	-11.0	35.6	-.1
		64.7	30.7	106	77	609.1	397.9	-0	0					
12TH	39.14									1287.4	417.4	-9.7	31.6	-.0
		63.3	31.2	106	77	595.8	404.2	-0	0					
13TH	42.14									1224.1	386.2	-8.5	27.9	.0
		61.8	31.7	106	77	582.5	410.4	-0	1					
14TH	45.13									1162.3	354.5	-7.3	24.3	.0
		60.4	31.5	106	77	569.2	407.8	-0	1					
15TH	48.13									1101.8	323.0	-6.3	20.9	.1
		67.5	29.3	106	77	636.0	379.1	-0	0					
16TH	51.13									1034.3	293.8	-5.4	17.7	.1
		74.6	27.0	106	77	702.8	350.4	-0	0					
17TH	54.12									959.7	266.7	-4.6	14.7	.1
		81.7	24.8	106	77	769.7	321.7	0	-0					
18TH	57.12									878.0	241.9	-3.8	12.0	.1
		88.8	22.6	106	77	836.6	292.9	0	-0					
19TH	60.12									789.2	219.3	-3.1	9.5	.1
		95.9	20.9	106	77	903.4	270.7	0	-0					
20TH	63.11									693.3	198.4	-2.5	7.3	.1
		98.2	21.7	106	77	925.0	280.8	0	-0					
21ST	66.11									595.1	176.7	-1.9	5.3	.0
		100.0	22.5	106	77	942.2	290.9	0	-0					
22ND	69.10									495.1	154.3	-1.4	3.7	-.0
		101.9	23.2	106	77	959.5	300.9	0	-0					
23RD	72.10									393.2	131.0	-1.0	2.4	-.1
		103.7	24.0	106	77	976.8	311.0	0	-0					
24TH	75.10									289.5	107.0	-.6	1.3	-.1
		105.5	24.9	106	77	994.0	322.6	0	-0					
25TH	78.09									184.0	82.1	-.4	.6	-.1
		94.9	28.3	111	84	857.7	352.2	0	-0					
ROOF	81.22									89.0	53.8	-.2	.2	-.1
		81.8	40.9	146	107	559.4	381.5	0	-1					
PARA	85.34									7.2	12.9	-.0	.0	-.2
		7.2	12.9	11	36	672.7	352.9	-10	6					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 160 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1716.5	363.7	-18.8	89.3	1.5
4TH	15.17	.2	.0	0	0	711.4	87.7	-0	0	1716.3	363.7	-13.3	63.2	1.5
5TH	18.17	74.6	6.7	106	77	702.4	87.4	-0	0	1641.7	356.9	-12.2	58.2	1.6
6TH	21.17	72.6	8.9	106	77	683.9	115.7	0	-0	1569.1	348.0	-11.2	53.4	1.5
7TH	24.16	70.6	11.1	106	77	665.2	143.9	0	-0	1498.5	336.9	-10.2	48.8	1.5
8TH	27.16	68.6	13.3	106	77	646.6	172.2	0	-1	1429.8	323.6	-9.2	44.4	1.5
9TH	30.15	66.5	15.5	106	77	626.8	200.5	0	-1	1363.3	308.1	-8.2	40.2	1.4
10TH	33.15	63.5	17.3	106	77	598.2	223.7	0	-2	1299.8	290.9	-7.3	36.2	1.3
11TH	36.15	62.3	18.3	106	77	587.2	237.0	0	-1	1237.4	272.6	-6.5	32.4	1.2
12TH	39.14	61.2	19.3	106	77	576.2	250.3	0	-1	1176.3	253.2	-5.7	28.8	1.1
13TH	42.14	60.0	20.3	106	77	565.2	263.6	0	-1	1116.3	232.9	-5.0	25.4	1.1
14TH	45.13	58.8	21.4	106	77	554.2	276.9	0	-1	1057.4	211.5	-4.3	22.1	1.0
15TH	48.13	57.7	21.6	106	77	543.2	279.8	0	-1	999.8	189.9	-3.7	19.0	1.0
16TH	51.13	63.0	19.4	106	77	593.5	252.0	0	-1	936.8	170.5	-3.2	16.1	.9
17TH	54.12	68.4	17.3	106	77	643.8	224.1	0	-1	868.4	153.2	-2.7	13.4	.9
18TH	57.12	73.7	15.2	106	77	694.2	196.3	0	-1	794.7	138.0	-2.2	10.9	.8
19TH	60.12	79.0	13.0	106	77	744.5	168.5	0	-1	715.7	125.0	-1.8	8.7	.7
20TH	63.11	84.4	11.3	106	77	794.9	146.3	0	-1	631.3	113.7	-1.5	6.7	.5
21ST	66.11	87.2	11.7	106	77	821.5	151.9	0	-1	544.1	102.0	-1.2	4.9	.4
22ND	69.10	89.8	12.2	106	77	845.8	157.6	0	-1	454.3	89.8	-.9	3.4	.3
23RD	72.10	92.4	12.6	106	77	870.1	163.2	0	-1	361.9	77.2	-.6	2.2	.2
24TH	75.10	94.9	13.0	106	77	894.4	168.9	0	-1	267.0	64.2	-.4	1.2	.1
25TH	78.09	97.5	13.6	106	77	918.7	176.0	0	-1	169.5	50.6	-.2	.6	.0
ROOF	81.22	88.0	16.1	111	80	795.1	199.9	0	-1	81.4	34.5	-.1	.2	-.0
PARA	85.34	74.6	23.9	146	107	510.2	223.1	0	-1	6.8	10.6	-.0	.0	-.1
TOP	87.55	6.8	10.6	11	36	634.0	291.0	-10	6	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 170 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1251.8	119.6	-6.0	64.1	1.4
4TH	15.17	.2	.0	0	0	546.0	4.0	-0	0	1251.6	119.6	-4.1	45.1	1.4
5TH	18.17	57.3	.3	106	77	539.3	4.2	-0	0	1194.4	119.3	-3.8	41.4	1.4
6TH	21.17	55.6	2.1	106	77	524.1	27.6	0	-0	1138.8	117.2	-3.4	37.9	1.4
7TH	24.16	54.0	3.9	106	77	508.7	50.9	0	-0	1084.8	113.2	-3.1	34.6	1.4
8TH	27.16	52.4	5.7	106	77	493.3	74.2	0	-1	1032.4	107.5	-2.8	31.4	1.3
9TH	30.15	50.7	7.5	106	77	477.8	97.5	0	-1	981.7	100.0	-2.4	28.4	1.3
10TH	33.15	49.0	8.7	106	77	461.2	113.0	0	-1	932.7	91.3	-2.2	25.5	1.2
11TH	36.15	47.3	8.7	106	77	445.9	113.2	0	-1	885.4	82.5	-1.9	22.8	1.1
12TH	39.14	45.7	8.7	106	77	430.6	113.4	0	-1	839.6	73.8	-1.7	20.2	1.1
13TH	42.14	44.1	8.8	106	77	415.3	113.5	0	-1	795.5	65.0	-1.5	17.8	1.1
14TH	45.13	42.5	8.8	106	77	400.0	113.7	0	-1	753.1	56.2	-1.3	15.5	1.0
15TH	48.13	40.8	8.3	106	77	384.7	108.1	0	-0	712.2	47.9	-1.1	13.3	1.0
16TH	51.13	45.4	6.6	106	77	427.3	85.3	0	-1	666.9	41.3	-1 0	11.2	1.0
17TH	54.12	49.9	4.8	106	77	470.0	62.4	0	-1	617.0	36.5	-.9	9.3	.9
18TH	57.12	54.4	3.1	106	77	512.7	39.6	0	-2	562.5	33.4	-.8	7.5	.8
19TH	60.12	59.0	1.3	106	77	555.4	16.8	0	-2	503.6	32.1	-.7	5.9	.7
20TH	63.11	63.5	-.1	106	77	598.0	-.9	-0	-2	440.1	32.2	-.6	4.5	.6
21ST	66.11	64.6	.5	106	77	608.4	6.9	0	-2	375.5	31.7	-.5	3.3	.5
22ND	69.10	65.4	1.1	106	77	615.7	14.7	0	-2	310.1	30.5	-.4	2.3	.4
23RD	72.10	66.1	1.7	106	77	623.1	22.4	0	-2	244.0	28.8	-.3	1.4	.3
24TH	75.10	66.9	2.3	106	77	630.4	30.2	0	-1	177.1	26.5	-.2	.8	.2
25TH	78.09	67.7	3.0	106	77	637.7	38.9	0	-1	109.4	23.5	-.1	.4	.1
ROOF	81.22	59.2	4.7	111	80	535.2	58.0	0	-1	50.1	18.8	-.1	.1	-.0
PARA	85.34	45.8	8.2	146	107	313.2	76.7	0	-2	4.3	10.6	-.0	.0	-.1
TOP	87.55	4.3	10.6	11	36	402.9	290.0	-9	4	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 180 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									884.1	51.8	-2.7	45.5	.5
4TH	15.17	.1	-.0	0	0	383.4	-9.8	-0	-0	884.0	51.8	-1.9	32.1	.5
5TH	18.17	40.1	-.8	106	77	377.6	-10.2	-0	-0	843.9	52.5	-1.7	29.5	.5
6TH	21.17	39.2	.2	106	77	368.9	3.1	0	-0	804.7	52.3	-1.6	27.1	.5
7TH	24.16	38.3	1.3	106	77	360.3	16.4	0	-1	766.5	51.0	-1.4	24.7	.4
8TH	27.16	37.4	2.3	106	77	351.8	29.7	0	-1	729.1	48.8	-1.3	22.5	.4
9TH	30.15	36.4	3.3	106	77	343.3	42.9	0	-2	692.7	45.4	-1.1	20.3	.3
10TH	33.15	35.4	4.0	106	77	333.8	51.3	0	-2	657.3	41.5	-1.0	18.3	.3
11TH	36.15	34.1	3.9	106	77	321.0	50.0	0	-2	623.2	37.6	-.9	16.4	.2
12TH	39.14	32.7	3.8	106	77	308.2	48.7	0	-1	590.5	33.9	-.8	14.6	.2
13TH	42.14	31.4	3.7	106	77	295.4	47.4	0	-1	559.1	30.2	-.7	12.9	.2
14TH	45.13	30.0	3.6	106	77	282.6	46.1	0	-1	529.1	26.7	-.6	11.2	.1
15TH	48.13	28.6	3.4	106	77	269.8	43.4	0	-0	500.5	23.3	-.5	9.7	.1
16TH	51.13	31.0	2.8	106	77	292.0	36.6	0	-0	469.5	20.5	-.5	8.2	.1
17TH	54.12	33.4	2.3	106	77	314.2	29.9	0	-0	436.1	18.2	-.4	6.9	.1
18TH	57.12	35.7	1.8	106	77	336.5	23.1	0	-1	400.4	16.4	-.3	5.6	.1
19TH	60.12	38.1	1.3	106	77	358.7	16.3	0	-1	362.3	15.1	-.3	4.5	.1
20TH	63.11	40.4	.8	106	77	380.9	10.9	0	-1	321.9	14.3	-.2	3.5	.0
21ST	66.11	42.4	.9	106	77	399.6	11.8	0	-1	279.4	13.4	-.2	2.6	.0
22ND	69.10	44.4	1.0	106	77	418.0	12.6	0	-0	235.1	12.4	-.2	1.8	-.0
23RD	72.10	46.3	1.0	106	77	436.4	13.5	0	-0	188.7	11.4	-.1	1.2	-.0
24TH	75.10	48.3	1.1	106	77	454.8	14.4	0	-0	140.5	10.2	-.1	.7	-.0
25TH	78.09	50.2	1.1	106	77	473.1	14.7	0	-0	90.2	9.1	-.1	.3	-.1
ROOF	81.22	46.2	.6	111	80	417.8	7.7	0	-0	44.0	8.5	-.0	.1	-.1
PARA	85.34	39.7	-.3	146	107	271.5	-3.0	-0	-1	4.3	8.8	-.0	.0	-.1
TOP	87.55	4.3	8.8	11	36	397.8	241.6	-9	5	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 190 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									705.5	-61.1	4.1	35.9	-.8
4TH	15.17	.1	-.0	0	0	299.6	-29.2	-0	-0	705.4	-61.1	3.2	25.2	-.8
5TH	18.17	31.6	-2.3	106	77	297.5	-29.7	-0	-0	673.8	-58.8	3.0	23.2	-.8
6TH	21.17	31.0	-1.8	106	77	291.7	-22.9	-0	-0	642.9	-57.0	2.8	21.2	-.8
7TH	24.16	30.3	-1.2	106	77	285.6	-16.1	-0	-0	612.5	-55.8	2.7	19.3	-.8
8TH	27.16	29.7	-.7	106	77	279.6	-9.3	-0	-0	582.9	-55.1	2.5	17.5	-.8
9TH	30.15	29.1	-.2	106	77	273.9	-2.5	-0	-0	553.8	-54.9	2.3	15.8	-.8
10TH	33.15	28.7	.1	106	77	270.3	1.3	0	-0	525.1	-55.0	2.2	14.2	-.8
11TH	36.15	28.2	-.1	106	77	265.3	-.8	0	0	496.9	-54.9	2.0	12.7	-.8
12TH	39.14	27.6	-.2	106	77	260.3	-2.9	0	0	469.3	-54.7	1.8	11.2	-.8
13TH	42.14	27.1	-.4	106	77	255.3	-5.0	0	1	442.2	-54.3	1.7	9.9	-.8
14TH	45.13	26.6	-.5	106	77	250.3	-7.1	0	1	415.6	-53.7	1.5	8.6	-.8
15TH	48.13	26.0	-.7	106	77	245.3	-9.5	0	2	389.6	-53.0	1.3	7.4	-.7
16TH	51.13	27.1	-1.0	106	77	255.4	-12.6	0	2	362.4	-52.0	1.2	6.2	-.7
17TH	54.12	28.2	-1.2	106	77	265.6	-15.7	0	2	334.2	-50.8	1.0	5.2	-.6
18TH	57.12	29.3	-1.4	106	77	275.8	-18.8	0	2	305.0	-49.4	.9	4.2	-.6
19TH	60.12	30.4	-1.7	106	77	285.9	-21.9	0	2	274.6	-47.7	.7	3.4	-.5
20TH	63.11	31.4	-2.1	106	77	296.1	-26.6	0	2	243.2	-45.6	.6	2.6	-.4
21ST	66.11	32.7	-3.1	106	77	308.3	-39.7	0	2	210.5	-42.6	.5	1.9	-.4
22ND	69.10	34.0	-4.1	106	77	320.7	-52.7	0	2	176.4	-38.5	.3	1.3	-.3
23RD	72.10	35.4	-5.1	106	77	333.1	-65.8	0	2	141.0	-33.4	.2	.9	-.3
24TH	75.10	36.7	-6.1	106	77	345.6	-78.8	0	1	104.4	-27.4	.1	.5	-.2
25TH	78.09	38.0	-7.1	106	77	358.0	-91.5	0	1	66.4	-20.3	.1	.2	-.2
ROOF	81.22	34.3	-8.0	111	80	309.6	-99.8	0	1	32.1	-12.3	.0	.1	-.1
PARA	85.34	27.9	-12.0	146	107	191.0	-112.3	0	1	4.1	-.2	.0	.0	-.1
TOP	87.55	4.1	-.2	11	36	384.7	-5.9	1	18	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 200 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1398.1	-188.9	12.4	71.5	-2.1
4TH	15.17	.2	-.0	0	0	606.6	-70.2	0	0	1397.9	-188.9	9.5	50.3	-2.1
5TH	18.17	64.0	-5.6	106	77	603.3	-72.8	0	0	1333.8	-183.3	9.0	46.2	-2.1
6TH	21.17	62.2	-4.7	106	77	585.6	-60.4	-0	-0	1271.7	-178.7	8.4	42.3	-2.1
7TH	24.16	60.2	-3.7	106	77	566.9	-47.9	-0	-0	1211.5	-175.0	7.9	38.5	-2.1
8TH	27.16	58.2	-2.7	106	77	548.2	-35.5	-0	-0	1153.3	-172.2	7.4	35.0	-2.1
9TH	30.15	56.3	-1.8	106	77	530.1	-23.0	-0	-0	1097.0	-170.4	6.9	31.6	-2.1
10TH	33.15	54.9	-1.2	106	77	517.4	-15.6	-0	-0	1042.1	-169.2	6.4	28.4	-2.1
11TH	36.15	54.0	-1.4	106	77	508.3	-18.1	0	0	988.1	-167.8	5.9	25.4	-2.1
12TH	39.14	53.0	-1.6	106	77	499.1	-20.6	0	1	935.2	-166.2	5.4	22.5	-2.0
13TH	42.14	52.0	-1.8	106	77	489.9	-23.2	0	1	883.1	-164.5	4.9	19.8	-2.0
14TH	45.13	51.0	-2.0	106	77	480.8	-25.7	0	2	832.1	-162.5	4.4	17.2	-1.9
15TH	48.13	50.1	-2.4	106	77	471.6	-31.0	0	2	782.0	-160.1	3.9	14.8	-1.8
16TH	51.13	52.8	-3.4	106	77	497.6	-44.7	0	2	729.2	-156.6	3.4	12.5	-1.6
17TH	54.12	55.6	-4.5	106	77	523.7	-58.3	0	2	673.6	-152.1	3.0	10.4	-1.5
18TH	57.12	58.4	-5.6	106	77	549.7	-72.0	0	2	615.3	-146.6	2.5	8.5	-1.4
19TH	60.12	61.1	-6.6	106	77	575.7	-85.7	0	2	554.1	-140.0	2.1	6.7	-1.2
20TH	63.11	63.9	-7.9	106	77	601.8	-102.7	0	3	490.3	-132.0	1.7	5.2	-1.1
21ST	66.11	66.6	-10.5	106	77	627.6	-136.1	0	2	423.6	-121.5	1.3	3.8	-.9
22ND	69.10	69.4	-13.1	106	77	653.5	-169.5	0	2	354.3	-108.4	1.0	2.6	-.7
23RD	72.10	72.1	-15.7	106	77	679.3	-203.0	0	2	282.1	-92.8	.7	1.7	-.6
24TH	75.10	74.9	-18.2	106	77	705.1	-236.4	0	2	207.3	-74.5	.4	1.0	-.5
25TH	78.09	77.6	-20.6	106	77	731.0	-267.2	0	2	129.7	-53.9	.2	.4	-.3
ROOF	81.22	69.4	-21.6	111	80	627.0	-268.3	0	1	60.3	-32.3	.1	.2	-.2
PARA	85.34	51.4	-28.9	146	107	351.4	-269.2	1	1	8.9	-3.4	.0	.0	-.1
TOP	87.55	8.9	-3.4	11	36	825.1	-94.4	5	14	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 210 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									1396.0	-248.1	16.4	70.7	-.9
		.2	-.0	0	0	597.0	-86.7	-0	-0					
4TH	15.17									1395.8	-248.1	12.6	49.5	-.9
		63.3	-6.7	106	77	596.3	-86.9	-0	-0					
5TH	18.17									1332.5	-241.4	11.9	45.5	-.9
		62.0	-5.5	106	77	583.9	-71.8	-0	-0					
6TH	21.17									1270.5	-235.9	11.2	41.6	-.9
		60.6	-4.4	106	77	570.5	-56.7	-0	-0					
7TH	24.16									1210.0	-231.5	10.5	37.8	-.9
		59.1	-3.2	106	77	557.1	-41.5	-0	-0					
8TH	27.16									1150.8	-228.3	9.8	34.3	-.9
		57.8	-2.0	106	77	544.8	-26.4	-0	-0					
9TH	30.15									1093.0	-226.2	9.1	30.9	-.9
		57.6	-1.4	106	77	542.3	-18.2	0	0					
10TH	33.15									1035.4	-224.8	8.4	27.8	-.9
		56.5	-1.8	106	77	532.3	-23.5	0	1					
11TH	36.15									978.9	-223.0	7.8	24.7	-.8
		55.5	-2.2	106	77	522.4	-28.8	0	1					
12TH	39.14									923.4	-220.8	7.1	21.9	-.8
		54.4	-2.6	106	77	512.4	-34.2	0	1					
13TH	42.14									869.0	-218.2	6.5	19.2	-.7
		53.3	-3.0	106	77	502.4	-39.5	0	1					
14TH	45.13									815.7	-215.1	5.8	16.7	-.7
		52.3	-3.7	106	77	492.5	-47.7	0	1					
15TH	48.13									763.4	-211.4	5.2	14.3	-.6
		54.2	-5.0	106	77	510.4	-64.4	0	1					
16TH	51.13									709.2	-206.5	4.5	12.1	-.5
		56.1	-6.3	106	77	528.3	-81.1	0	1					
17TH	54.12									653.1	-200.2	3.9	10.1	-.4
		58.0	-7.6	106	77	546.2	-97.9	0	1					
18TH	57.12									595.2	-192.6	3.3	8.2	-.4
		59.9	-8.8	106	77	564.1	-114.6	0	1					
19TH	60.12									535.3	-183.8	2.8	6.5	-.3
		61.8	-10.5	106	77	582.0	-135.5	0	1					
20TH	63.11									473.5	-173.3	2.2	5.0	-.2
		64.4	-13.7	106	77	606.6	-177.4	0	1					
21ST	66.11									409.1	-159.6	1.7	3.7	-.2
		67.1	-16.9	106	77	631.9	-219.2	0	1					
22ND	69.10									342.0	-142.7	1.3	2.5	-.1
		69.8	-20.2	106	77	657.1	-261.1	0	0					
23RD	72.10									272.3	-122.6	.9	1.6	-.1
		72.4	-23.4	106	77	682.3	-302.9	0	0					
24TH	75.10									199.8	-99.2	.6	.9	-.1
		75.1	-26.4	106	77	707.5	-341.6	0	0					
25TH	78.09									124.7	-72.8	.3	.4	-.1
		67.0	-27.7	111	80	605.0	-344.3	-0	-0					
ROOF	81.22									57.7	-45.1	.1	.1	-.1
		50.0	-37.2	146	107	342.0	-347.0	-0	-1					
PARA	85.34									7.7	-7.9	.0	.0	-.1
		7.7	-7.9	11	36	717.7	-216.3	7	7					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 220 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									882.3	-340.8	22.6	43.7	-.2
4TH	15.17	.1	-.0	0	0	364.7	-70.3	0	0	882.2	-340.8	17.5	30.3	-.2
5TH	18.17	38.8	-5.3	106	77	365.5	-69.1	0	0	843.4	-335.5	16.4	27.7	-.2
6TH	21.17	39.0	-4.6	106	77	367.4	-59.3	0	0	804.4	-330.9	15.5	25.2	-.2
7TH	24.16	39.2	-3.8	106	77	369.3	-49.6	0	0	765.2	-327.1	14.5	22.9	-.2
8TH	27.16	39.4	-3.1	106	77	371.2	-39.8	0	0	725.8	-324.0	13.5	20.7	-.1
9TH	30.15	39.7	-2.3	106	77	373.7	-30.0	0	0	686.1	-321.7	12.5	18.5	-.1
10TH	33.15	40.3	-2.2	106	77	379.3	-28.1	0	1	645.8	-319.5	11.6	16.6	-.1
11TH	36.15	39.5	-3.2	106	77	372.0	-41.4	0	1	606.4	-316.3	10.6	14.7	-.1
12TH	39.14	38.7	-4.2	106	77	364.7	-54.8	0	1	567.6	-312.1	9.7	12.9	-.1
13TH	42.14	37.9	-5.3	106	77	357.4	-68.1	0	1	529.7	-306.8	8.7	11.3	-.0
14TH	45.13	37.2	-6.3	106	77	350.1	-81.4	0	1	492.5	-300.6	7.8	9.7	-.0
15TH	48.13	36.4	-7.5	106	77	342.8	-97.0	0	1	456.1	-293.1	6.9	8.3	.0
16TH	51.13	36.5	-9.2	106	77	343.7	-119.5	0	1	419.7	-283.8	6.1	7.0	.1
17TH	54.12	36.6	-11.0	106	77	344.6	-141.9	0	1	383.1	-272.9	5.2	5.8	.1
18TH	57.12	36.7	-12.7	106	77	345.6	-164.3	0	1	346.4	-260.2	4.4	4.7	.1
19TH	60.12	36.8	-14.4	106	77	346.5	-186.8	0	1	309.6	-245.8	3.7	3.7	.2
20TH	63.11	36.9	-16.4	106	77	347.4	-212.7	0	1	272.7	-229.4	3.0	2.9	.2
21ST	66.11	38.0	-19.8	106	77	357.5	-255.9	0	0	234.8	-209.6	2.3	2.1	.2
22ND	69.10	39.1	-23.1	106	77	368.5	-299.1	-0	-0	195.6	-186.5	1.7	1.5	.2
23RD	72.10	40.3	-26.4	106	77	379.5	-342.4	-0	-0	155.3	-160.1	1.2	.9	.2
24TH	75.10	41.5	-29.8	106	77	390.5	-385.6	-0	-1	113.9	-130.3	.8	.5	.2
25TH	78.09	42.6	-32.9	106	77	401.5	-425.9	-1	-1	71.3	-97.5	.4	.2	.1
ROOF	81.22	38.0	-34.8	111	80	343.6	-432.3	-1	-1	33.2	-62.7	.2	.1	.1
PARA	85.34	28.9	-47.3	146	107	197.5	-441.2	-2	-1	4.4	-15.4	.0	.0	-.1
TOP	87.55	4.4	-15.4	11	36	404.2	-421.2	3	1	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 230 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									801.3	-414.8	27.0	39.7	.1
4TH	15.17	.1	-.0	0	0	317.5	-91.6	0	0	801.2	-414.8	20.7	27.6	.1
5TH	18.17	34.1	-7.1	106	77	321.4	-92.2	0	0	767.1	-407.7	19.5	25.2	.1
6TH	21.17	34.6	-6.4	106	77	325.7	-82.7	0	0	732.5	-401.3	18.2	23.0	.1
7TH	24.16	35.0	-5.7	106	77	329.6	-73.3	0	0	697.5	-395.7	17.1	20.8	.1
8TH	27.16	35.4	-4.9	106	77	333.6	-63.8	0	0	662.1	-390.7	15.9	18.8	.2
9TH	30.15	35.9	-4.2	106	77	338.0	-54.4	0	0	626.2	-386.5	14.7	16.9	.2
10TH	33.15	36.7	-4.1	106	77	345.3	-53.0	0	0	589.6	-382.4	13.6	15.0	.2
11TH	36.15	36.1	-5.2	106	77	339.6	-67.2	0	1	553.5	-377.3	12.4	13.3	.2
12TH	39.14	35.4	-6.3	106	77	333.9	-81.3	0	1	518.1	-371.0	11.3	11.7	.2
13TH	42.14	34.8	-7.4	106	77	328.2	-95.5	0	1	483.2	-363.6	10.2	10.2	.2
14TH	45.13	34.2	-8.5	106	77	322.6	-109.7	0	1	449.0	-355.1	9.1	8.8	.3
15TH	48.13	33.6	-9.8	106	77	316.9	-126.9	0	1	415.3	-345.4	8.1	7.5	.3
16TH	51.13	33.6	-11.8	106	77	316.6	-153.0	0	1	381.7	-333.5	7.1	6.3	.3
17TH	54.12	33.6	-13.8	106	77	316.3	-179.1	0	1	348.1	-319.7	6.1	5.2	.3
18TH	57.12	33.6	-15.8	106	77	316.1	-205.2	0	0	314.6	-303.9	5.1	4.2	.4
19TH	60.12	33.5	-17.8	106	77	315.8	-231.2	0	0	281.1	-286.0	4.3	3.4	.4
20TH	63.11	33.5	-20.1	106	77	315.5	-260.7	0	0	247.6	-265.9	3.4	2.6	.4
21ST	66.11	34.6	-23.7	106	77	326.0	-307.0	-0	-0	213.0	-242.2	2.7	1.9	.4
22ND	69.10	35.8	-27.3	106	77	337.5	-353.4	-0	-0	177.1	-214.9	2.0	1.3	.4
23RD	72.10	37.0	-30.8	106	77	349.0	-399.7	-0	-1	140.1	-184.1	1.4	.8	.3
24TH	75.10	38.3	-34.4	106	77	360.5	-446.0	-1	-1	101.8	-149.7	.9	.5	.3
25TH	78.09	39.5	-37.7	106	77	371.9	-488.9	-1	-1	62.3	-111.9	.5	.2	.2
ROOF	81.22	34.6	-39.7	111	80	312.6	-492.8	-1	-1	27.7	-72.3	.2	.1	.1
PARA	85.34	24.7	-53.6	146	107	168.9	-499.9	-2	-1	3.0	-18.7	.0	.0	-.0
TOP	87.55	3.0	-18.7	11	36	281.5	-511.6	1	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 240 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									671.5	-684.9	40.6	31.5	1.2
		.1	-.1	0	0	277.4	-216.1	0	1					
4TH	15.17									671.4	-684.9	30.2	21.3	1.2
		30.4	-17.0	106	77	286.8	-220.2	0	1					
5TH	18.17									641.0	-667.9	28.1	19.4	1.2
		31.6	-16.4	106	77	298.1	-213.0	0	1					
6TH	21.17									609.3	-651.4	26.2	17.5	1.2
		32.8	-15.9	106	77	308.7	-205.9	0	1					
7TH	24.16									576.6	-635.6	24.2	15.7	1.2
		33.9	-15.3	106	77	319.3	-198.7	0	1					
8TH	27.16									542.7	-620.2	22.4	14.0	1.3
		34.9	-14.8	106	77	328.9	-191.5	0	0					
9TH	30.15									507.7	-605.4	20.5	12.5	1.3
		34.9	-15.0	106	77	328.6	-194.4	-0	-0					
10TH	33.15									472.9	-590.4	18.7	11.0	1.3
		34.2	-16.7	106	77	322.2	-216.6	-0	-0					
11TH	36.15									438.7	-573.7	17.0	9.6	1.3
		33.5	-18.4	106	77	315.7	-238.9	-0	-0					
12TH	39.14									405.1	-555.3	15.3	8.4	1.2
		32.8	-20.2	106	77	309.3	-261.1	-0	-0					
13TH	42.14									372.3	-535.1	13.7	7.2	1.2
		32.2	-21.9	106	77	302.9	-283.4	-0	-1					
14TH	45.13									340.1	-513.2	12.1	6.1	1.2
		31.5	-23.6	106	77	296.4	-306.2	-1	-1					
15TH	48.13									308.7	-489.6	10.6	5.2	1.2
		30.5	-25.5	106	77	286.9	-330.7	-1	-1					
16TH	51.13									278.2	-464.1	9.2	4.3	1.1
		29.5	-27.4	106	77	277.4	-355.2	-1	-1					
17TH	54.12									248.8	-436.7	7.8	3.5	1.1
		28.4	-29.3	106	77	267.9	-379.7	-1	-1					
18TH	57.12									220.3	-407.4	6.5	2.8	1.0
		27.4	-31.2	106	77	258.4	-404.3	-1	-1					
19TH	60.12									192.9	-376.1	5.4	2.2	1.0
		26.4	-33.2	106	77	248.9	-430.5	-1	-1					
20TH	63.11									166.5	-342.9	4.3	1.6	.9
		26.2	-35.9	106	77	247.0	-465.3	-1	-1					
21ST	66.11									140.2	-307.0	3.3	1.2	.8
		26.1	-38.6	106	77	245.9	-500.1	-2	-1					
22ND	69.10									114.1	-268.4	2.5	.8	.7
		26.0	-41.3	106	77	244.8	-534.9	-2	-1					
23RD	72.10									88.1	-227.1	1.7	.5	.6
		25.9	-44.0	106	77	243.7	-569.6	-2	-1					
24TH	75.10									62.3	-183.1	1.1	.3	.5
		25.8	-46.4	106	77	242.6	-600.8	-2	-1					
25TH	78.09									36.5	-136.8	.6	.1	.4
		22.1	-47.6	111	80	199.3	-590.8	-3	-1					
ROOF	81.22									14.5	-89.2	.3	.0	.2
		14.0	-62.5	146	107	95.7	-582.9	-3	-1					
PARA	85.34									.5	-26.7	.0	.0	.0
		.5	-26.7	11	36	42.4	-732.4	-1	-0					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 250 CONFIGURATION A REFERENCE PRESSURE 1119 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									562.5	-852.8	48.6	25.0	2.1
4TH	15.17	.1	-.1	0	0	234.1	-269.7	1	1	562.5	-852.7	35.7	16.4	2.1
5TH	18.17	26.3	-21.4	106	77	247.5	-276.7	1	1	536.2	-831.3	33.1	14.8	2.1
6TH	21.17	28.1	-21.1	106	77	264.4	-273.1	0	1	508.1	-810.3	30.7	13.2	2.1
7TH	24.16	29.8	-20.8	106	77	280.5	-269.4	0	0	478.3	-789.5	28.3	11.7	2.1
8TH	27.16	31.5	-20.5	106	77	296.6	-265.8	0	0	446.8	-768.9	25.9	10.4	2.1
9TH	30.15	33.0	-20.2	106	77	310.7	-262.2	0	0	413.9	-748.7	23.7	9.1	2.1
10TH	33.15	32.6	-21.2	106	77	307.5	-275.1	-1	-1	381.2	-727.5	21.5	7.9	2.1
11TH	36.15	32.4	-24.7	106	77	305.4	-320.4	-1	-1	348.8	-702.7	19.3	6.8	2.0
12TH	39.14	32.2	-28.2	106	77	303.3	-365.6	-1	-2	316.6	-674.5	17.2	5.8	1.9
13TH	42.14	32.0	-31.7	106	77	301.3	-410.8	-2	-2	284.6	-642.8	15.3	4.9	1.8
14TH	45.13	31.8	-35.2	106	77	299.2	-456.1	-2	-2	252.8	-607.6	13.4	4.1	1.7
15TH	48.13	31.5	-38.0	106	77	297.1	-491.8	-3	-2	221.3	-569.7	11.6	3.4	1.5
16TH	51.13	28.9	-38.5	106	77	272.5	-499.4	-3	-2	192.4	-531.1	10.0	2.7	1.4
17TH	54.12	26.3	-39.1	106	77	247.8	-507.0	-3	-2	166.1	-492.0	8.5	2.2	1.2
18TH	57.12	23.7	-39.7	106	77	223.1	-514.6	-3	-2	142.4	-452.3	7.0	1.7	1.0
19TH	60.12	21.1	-40.3	106	77	198.5	-522.2	-3	-2	121.3	-412.0	5.7	1.4	.9
20TH	63.11	18.5	-41.0	106	77	173.8	-531.7	-3	-1	102.9	-370.9	4.6	1.0	.8
21ST	66.11	17.4	-42.5	106	77	163.9	-551.0	-3	-1	85.5	-328.4	3.5	.7	.6
22ND	69.10	16.5	-44.0	106	77	155.4	-570.2	-2	-1	69.0	-284.4	2.6	.5	.5
23RD	72.10	15.6	-45.5	106	77	146.8	-589.5	-2	-1	53.4	-238.9	1.8	.3	.4
24TH	75.10	14.7	-47.0	106	77	138.3	-608.8	-2	-1	38.7	-191.9	1.2	.2	.3
25TH	78.09	13.8	-48.2	106	77	129.8	-624.5	-2	-1	24.9	-143.7	.7	.1	.2
ROOF	81.22	12.7	-48.3	111	80	114.7	-600.3	-2	-0	12.2	-95.4	.3	.0	.1
PARA	85.34	11.6	-61.9	146	107	79.5	-577.6	-2	-0	.6	-33.4	.0	.0	0
TOP	87.55	.6	-33.4	11	36	54.7	-916.3	-0	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 260 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									384.9	-880.6	49.7	17.6	.5
		.0	-.1	0	0	151.5	-293.0	0	0					
4TH	15.17									384.8	-880.5	36.3	11.7	.5
		17.0	-23.4	106	77	160.5	-302.9	0	0					
5TH	18.17									367.8	-857.1	33.7	10.6	.5
		18.2	-22.9	106	77	171.7	-296.9	0	0					
6TH	21.17									349.6	-834.2	31.2	9.5	.5
		19.3	-22.5	106	77	182.2	-291.0	0	0					
7TH	24.16									330.2	-811.8	28.7	8.5	.5
		20.5	-22.0	106	77	192.7	-285.0	0	0					
8TH	27.16									309.7	-789.8	26.3	7.5	.6
		21.3	-21.5	106	77	201.1	-279.1	0	0					
9TH	30.15									288.4	-768.2	24.0	6.7	.6
		20.3	-22.6	106	77	191.5	-292.4	-1	-1					
10TH	33.15									268.1	-745.7	21.7	5.8	.5
		20.7	-26.5	106	77	195.3	-343.1	-1	-1					
11TH	36.15									247.3	-719.2	19.5	5.0	.5
		21.1	-30.4	106	77	199.0	-393.8	-2	-1					
12TH	39.14									226.2	-688.8	17.4	4.3	.4
		21.5	-34.3	106	77	202.7	-444.5	-2	-1					
13TH	42.14									204.7	-654.5	15.4	3.7	.3
		21.9	-38.2	106	77	206.4	-495.2	-2	-1					
14TH	45.13									182.8	-616.2	13.5	3.1	.2
		22.3	-41.1	106	77	210.1	-532.9	-2	-1					
15TH	48.13									160.5	-575.1	11.7	2.6	.1
		20.3	-41.1	106	77	191.6	-532.6	-2	-1					
16TH	51.13									140.2	-534.0	10.1	2.1	-.0
		18.4	-41.1	106	77	173.1	-532.2	-2	-1					
17TH	54.12									121.8	-492.9	8.5	1.8	-.1
		16.4	-41.0	106	77	154.6	-531.8	-2	-1					
18TH	57.12									105.4	-451.9	7.1	1.4	-.2
		14.4	-41.0	106	77	136.0	-531.4	-1	-1					
19TH	60.12									90.9	-410.8	5.8	1.1	-.3
		12.5	-41.1	106	77	117.5	-533.1	-1	-0					
20TH	63.11									78.5	-369.7	4.7	.9	-.3
		11.8	-42.1	106	77	111.0	-544.8	-1	-0					
21ST	66.11									66.7	-327.6	3.6	.6	-.4
		11.2	-43.0	106	77	105.5	-556.6	-0	-0					
22ND	69.10									55.5	-284.7	2.7	.5	-.4
		10.6	-43.9	106	77	100.1	-568.4	1	0					
23RD	72.10									44.8	-240.8	1.9	.3	-.3
		10.0	-44.8	106	77	94.7	-580.1	1	0					
24TH	75.10									34.8	-196.0	1.3	.2	-.3
		9.5	-45.6	106	77	89.2	-590.8	2	0					
25TH	78.09									25.3	-150.4	.7	.1	-.2
		10.1	-47.4	111	80	91.0	-589.3	2	0					
ROOF	81.22									15.3	-103.0	.3	.0	-.1
		12.3	-63.9	146	107	84.1	-595.6	2	0					
PARA	85.34									3.0	-39.1	.0	.0	-.0
		3.0	-39.1	11	36	274.3	-1072.9	1	0					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 270 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-152.0	-877.4	49.1	-9.5	.7
4TH	15.17	-.0	-.1	0	0	-12.9	-356.7	-1	0	-152.0	-877.3	35.8	-7.2	.7
5TH	18.17	-.3	-28.6	106	77	-2.9	-370.7	-2	0	-151.7	-848.7	33.2	-6.7	.6
6TH	21.17	.2	-27.4	106	77	2.1	-354.8	-2	-0	-151.9	-821.3	30.7	-6.3	.6
7TH	24.16	.6	-26.2	106	77	5.7	-336.8	-2	-0	-152.5	-795.2	28.3	-5.8	.5
8TH	27.16	1.0	-24.9	106	77	9.4	-322.9	-2	-0	-153.5	-770.3	26.0	-5.4	.5
9TH	30.15	1.2	-23.7	106	77	11.0	-306.9	-2	-0	-154.7	-746.6	23.7	-4.9	.5
10TH	33.15	-.5	-23.9	106	77	-5.1	-309.0	-3	-0	-154.2	-722.7	21.5	-4.4	.4
11TH	36.15	-1.8	-26.7	106	77	-17.3	-346.3	-4	0	-152.3	-696.0	19.4	-4.0	.3
12TH	39.14	-3.1	-29.6	106	77	-29.5	-383.5	-4	0	-149.2	-666.4	17.3	-3.5	.1
13TH	42.14	-4.4	-32.5	106	77	-41.7	-420.8	-4	1	-144.8	-633.9	15.4	-3.1	-.0
14TH	45.13	-5.7	-35.4	106	77	-53.9	-458.0	-5	1	-139.0	-598.5	13.5	-2.7	-.2
15TH	48.13	-7.0	-37.5	106	77	-66.1	-485.5	-5	1	-132.0	-561.1	11.8	-2.2	-.4
16TH	51.13	-8.5	-37.4	106	77	-80.3	-484.2	-4	1	-123.5	-523.7	10.2	-1.9	-.5
17TH	54.12	-10.0	-37.3	106	77	-94.5	-483.0	-3	1	-113.4	-486.4	8.7	-1.5	-.6
18TH	57.12	-11.5	-37.2	106	77	-108.8	-481.7	-2	1	-101.9	-449.2	7.3	-1.2	-.7
19TH	60.12	-13.1	-37.1	106	77	-123.0	-480.4	-1	0	-88.8	-412.2	6.0	-.9	-.8
20TH	63.11	-14.6	-37.4	106	77	-137.2	-484.0	-0	0	-74.3	-374.8	4.8	-.7	-.8
21ST	66.11	-13.9	-39.5	106	77	-130.8	-511.7	0	-0	-60.4	-335.3	3.7	-.5	-.8
22ND	69.10	-13.0	-41.6	106	77	-122.5	-539.3	1	-0	-47.4	-293.7	2.8	-.3	-.7
23RD	72.10	-12.1	-43.8	106	77	-114.2	-567.6	2	-0	-35.3	-249.9	2.0	-.2	-.7
24TH	75.10	-11.2	-45.9	106	77	-105.9	-594.7	2	-1	-24.0	-204.0	1.3	-.1	-.5
25TH	78.09	-10.4	-47.9	106	77	-97.6	-620.0	3	-1	-13.7	-156.1	.8	-.0	-.4
ROOF	81.22	-8.7	-49.8	111	80	-78.6	-618.5	3	-1	-5.0	-106.4	.3	.0	-.3
PARA	85.34	-8.8	-66.9	146	107	-60.4	-624.1	3	-0	3.9	-39.4	.0	.0	-.1
TOP	87.55	3.9	-39.4	11	36	359.2	-1081.2	2	0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 280 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-713.1	-940.9	50.9	-38.8	3.0
4TH	15.17	-.1	-.1	0	0	-191.4	-453.9	-2	1	-713.0	-940.8	36.6	-28.0	3.0
5TH	18.17	-19.3	-36.6	106	77	-181.7	-474.5	-2	1	-693.7	-904.2	33.8	-25.9	2.9
6TH	21.17	-19.4	-35.1	106	77	-182.6	-455.0	-2	1	-674.4	-869.1	31.2	-23.8	2.7
7TH	24.16	-19.7	-33.6	106	77	-185.3	-435.5	-3	2	-654.7	-835.5	28.6	-21.8	2.6
8TH	27.16	-20.0	-32.1	106	77	-188.0	-416.0	-3	2	-634.7	-803.3	26.2	-19.9	2.5
9TH	30.15	-20.5	-30.6	106	77	-193.0	-396.6	-3	2	-614.3	-772.7	23.8	-18.0	2.3
10TH	33.15	-23.0	-30.3	106	77	-217.1	-392.5	-4	3	-591.2	-742.4	21.5	-16.2	2.1
11TH	36.15	-24.4	-32.3	106	77	-229.5	-418.5	-4	3	-566.8	-710.1	19.4	-14.5	1.9
12TH	39.14	-25.7	-34.3	106	77	-241.8	-444.4	-4	3	-541.2	-675.8	17.3	-12.8	1.7
13TH	42.14	-27.0	-36.3	106	77	-254.1	-470.3	-5	3	-514.2	-639.5	15.3	-11.3	1.4
14TH	45.13	-28.3	-38.3	106	77	-266.5	-496.3	-5	3	-485.9	-601.2	13.5	-9.8	1.1
15TH	48.13	-29.6	-39.7	106	77	-278.8	-513.7	-5	4	-456.3	-561.6	11.7	-8.3	.9
16TH	51.13	-32.1	-39.1	106	77	-302.4	-506.1	-4	3	-424.2	-522.5	10.1	-7.0	.6
17TH	54.12	-34.6	-38.5	106	77	-326.0	-498.5	-3	3	-389.6	-484.0	8.6	-5.8	.4
18TH	57.12	-37.1	-37.9	106	77	-349.6	-491.0	-2	2	-352.5	-446.1	7.2	-4.7	.3
19TH	60.12	-39.6	-37.3	106	77	-373.2	-483.4	-1	1	-312.9	-408.8	5.9	-3.7	.1
20TH	63.11	-42.1	-37.2	106	77	-396.8	-481.5	-1	1	-270.7	-371.6	4.7	-2.8	.1
21ST	66.11	-41.3	-39.2	106	77	-389.4	-506.1	-1	1	-229.4	-332.4	3.7	-2.1	.0
22ND	69.10	-40.3	-41.3	106	77	-379.1	-534.8	-0	0	-189.1	-291.1	2.8	-1.4	-.0
23RD	72.10	-39.2	-43.3	106	77	-368.9	-561.4	-0	0	-150.0	-247.8	1.9	-.9	-.0
24TH	75.10	-38.1	-45.4	106	77	-358.6	-588.0	-0	0	-111.9	-202.4	1.3	-.5	-.0
25TH	78.09	-37.0	-47.3	106	77	-348.3	-613.2	-0	0	-74.9	-155.1	.7	-.3	-.0
ROOF	81.22	-34.6	-50.1	111	80	-312.8	-622.0	0	-0	-40.3	-105.0	.3	-.1	-.0
PARA	85.34	-39.8	-68.5	146	107	-271.9	-638.8	0	-0	-.6	-36.5	.0	-.0	-.0
TOP	87.55	-.6	-36.5	11	36	-52.5	-1001.5	0	-0	0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 290 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1060.0	-832.5	44.5	-58.2	4.2
		-.1	-.1	0	0	-289.0	-425.5	-1	1					
4TH	15.17									-1059.9	-832.4	31.8	-42.1	4.2
		-29.5	-34.8	106	77	-277.9	-451.2	-1	1					
5TH	18.17									-1030.4	-797.6	29.4	-39.0	4.1
		-29.9	-33.6	106	77	-281.8	-435.3	-2	2					
6TH	21.17									-1000.5	-764.0	27.1	-36.0	4.0
		-30.6	-32.4	106	77	-288.0	-419.5	-2	2					
7TH	24.16									-969.9	-731.6	24.8	-33.0	3.9
		-31.2	-31.2	106	77	-294.3	-403.7	-2	2					
8TH	27.16									-938.6	-700.4	22.7	-30.2	3.7
		-32.1	-29.9	106	77	-302.1	-387.8	-3	3					
9TH	30.15									-906.6	-670.5	20.6	-27.4	3.6
		-34.3	-29.4	106	77	-323.2	-380.4	-3	3					
10TH	33.15									-872.3	-641.2	18.7	-24.7	3.4
		-35.9	-30.0	106	77	-337.8	-389.1	-3	4					
11TH	36.15									-836.4	-611.1	16.8	-22.2	3.1
		-37.4	-30.7	106	77	-352.4	-397.9	-3	4					
12TH	39.14									-799.0	-580.4	15.0	-19.7	2.9
		-39.0	-31.4	106	77	-367.0	-406.6	-3	4					
13TH	42.14									-760.0	-549.0	13.3	-17.4	2.7
		-40.5	-32.1	106	77	-381.6	-415.4	-3	4					
14TH	45.13									-719.5	-517.0	11.7	-15.2	2.4
		-42.1	-32.5	106	77	-396.2	-421.5	-3	4					
15TH	48.13									-677.4	-484.4	10.2	-13.1	2.1
		-44.8	-32.4	106	77	-421.8	-419.9	-3	4					
16TH	51.13									-632.7	-452.0	8.8	-11.1	1.9
		-47.5	-32.3	106	77	-447.5	-418.3	-2	3					
17TH	54.12									-585.1	-419.7	7.5	-9.3	1.6
		-50.2	-32.2	106	77	-473.1	-416.8	-2	3					
18TH	57.12									-534.9	-387.6	6.3	-7.6	1.4
		-52.9	-32.0	106	77	-498.8	-415.2	-2	2					
19TH	60.12									-482.0	-355.5	5.2	-6.1	1.3
		-55.7	-32.2	106	77	-524.4	-417.3	-1	2					
20TH	63.11									-426.3	-323.3	4.2	-4.7	1.1
		-56.8	-33.8	106	77	-534.7	-437.9	-1	2					
21ST	66.11									-369.5	-289.5	3.2	-3.5	.9
		-57.7	-35.4	106	77	-543.5	-458.4	-1	2					
22ND	69.10									-311.8	-254.1	2.4	-2.5	.8
		-58.6	-37.0	106	77	-552.3	-478.9	-1	2					
23RD	72.10									-253.2	-217.1	1.7	-1.7	.6
		-59.6	-38.6	106	77	-561.0	-499.5	-1	2					
24TH	75.10									-193.7	-178.6	1.1	-1.0	.5
		-60.5	-40.2	106	77	-569.8	-520.6	-1	2					
25TH	78.09									-133.2	-138.4	.7	-.5	.4
		-57.7	-44.2	111	80	-521.6	-548.8	-1	1					
ROOF	81.22									-75.4	-94.2	.3	-.2	.2
		-68.8	-63.0	146	107	-470.5	-587.7	-1	1					
PARA	85.34									-6.6	-31.2	.0	-.0	.1
		-6.6	-31.2	11	36	-615.1	-855.8	-2	0					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 300 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1184.7	-638.4	33.6	-65.0	3.9
		-.1	-.1	0	0	-333.2	-356.5	-1	1					
4TH	15.17									-1184.6	-638.3	24.0	-47.0	3.9
		-34.5	-29.7	106	77	-325.2	-384.2	-1	1					
5TH	18.17									-1150.1	-608.6	22.1	-43.5	3.8
		-35.3	-28.6	106	77	-332.1	-370.1	-1	1					
6TH	21.17									-1114.8	-580.0	20.3	-40.1	3.8
		-36.2	-27.5	106	77	-341.0	-356.0	-1	2					
7TH	24.16									-1078.6	-552.6	18.6	-36.8	3.7
		-37.2	-26.4	106	77	-350.0	-341.8	-1	2					
8TH	27.16									-1041.5	-526.2	17.0	-33.7	3.6
		-38.2	-25.3	106	77	-359.7	-327.7	-2	2					
9TH	30.15									-1003.3	-500.9	15.5	-30.6	3.4
		-39.9	-24.4	106	77	-376.1	-315.8	-2	3					
10TH	33.15									-963.4	-476.5	14.0	-27.6	3.3
		-41.1	-23.8	106	77	-387.5	-308.1	-2	3					
11TH	36.15									-922.2	-452.7	12.6	-24.8	3.1
		-42.3	-23.2	106	77	-398.9	-300.5	-2	3					
12TH	39.14									-879.9	-429.5	11.3	-22.1	2.9
		-43.6	-22.6	106	77	-410.3	-292.8	-2	3					
13TH	42.14									-836.3	-406.9	10.0	-19.5	2.7
		-44.8	-22.0	106	77	-421.7	-285.2	-2	3					
14TH	45.13									-791.6	-384.9	8.8	-17.1	2.6
		-46.0	-21.7	106	77	-433.1	-281.4	-2	3					
15TH	48.13									-745.6	-363.2	7.7	-14.8	2.4
		-48.1	-22.3	106	77	-453.5	-288.9	-1	3					
16TH	51.13									-697.4	-340.9	6.7	-12.6	2.2
		-50.3	-22.9	106	77	-473.9	-296.5	-1	3					
17TH	54.12									-647.1	-318.0	5.7	-10.6	2.0
		-52.5	-23.5	106	77	-494.4	-304.1	-1	3					
18TH	57.12									-594.7	-294.5	4.8	-8.8	1.9
		-54.7	-24.1	106	77	-514.8	-311.6	-1	3					
19TH	60.12									-540.0	-270.5	3.9	-7.1	1.7
		-56.8	-24.8	106	77	-535.2	-320.7	-1	3					
20TH	63.11									-483.2	-245.7	3.1	-5.5	1.5
		-59.2	-26.0	106	77	-557.9	-337.3	-1	3					
21ST	66.11									-424.0	-219.7	2.4	-4.2	1.3
		-61.6	-27.3	106	77	-580.7	-353.9	-1	2					
22ND	69.10									-362.3	-192.4	1.8	-3.0	1.1
		-64.1	-28.6	106	77	-603.6	-370.5	-1	2					
23RD	72.10									-298.2	-163.8	1.3	-2.0	1.0
		-66.5	-29.9	106	77	-626.4	-387.1	-1	2					
24TH	75.10									-231.7	-133.9	.8	-1.2	.8
		-68.9	-31.1	106	77	-649.3	-403.0	-1	2					
25TH	78.09									-162.8	-102.8	.5	-.6	.6
		-68.3	-33.1	111	80	-616.8	-411.1	-1	2					
ROOF	81.22									-94.5	-69.7	.2	-.2	.4
		-85.2	-46.0	146	107	-582.8	-428.5	-1	2					
PARA	85.34									-9.3	-23.8	.0	-.0	.1
		-9.3	-23.8	11	36	-863.2	-651.6	-4	2					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 310 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1124.5	-580.5	31.0	-59.5	3.1
		-.1	-.1	0	0	-390.9	-315.0	-1	1					
4TH	15.17									-1124.4	-580.4	22.1	-42.4	3.1
		-40.3	-26.0	106	77	-379.6	-337.3	-1	1					
5TH	18.17									-1084.1	-554.4	20.4	-39.1	3.0
		-40.6	-24.8	106	77	-382.3	-320.7	-1	2					
6TH	21.17									-1043.5	-529.6	18.8	-35.9	2.9
		-41.1	-23.5	106	77	-387.3	-304.0	-1	2					
7TH	24.16									-1002.4	-506.1	17.3	-32.8	2.9
		-41.7	-22.2	106	77	-392.3	-287.4	-1	2					
8TH	27.16									-960.8	-484.0	15.8	-29.9	2.8
		-42.2	-20.9	106	77	-397.6	-270.8	-1	2					
9TH	30.15									-918.6	-463.1	14.4	-27.1	2.7
		-43.0	-20.1	106	77	-404.7	-260.1	-1	2					
10TH	33.15									-875.6	-443.0	13.0	-24.4	2.6
		-43.2	-20.1	106	77	-406.5	-260.8	-1	2					
11TH	36.15									-832.4	-422.8	11.7	-21.8	2.5
		-43.3	-20.2	106	77	-408.3	-261.6	-1	2					
12TH	39.14									-789.1	-402.7	10.5	-19.4	2.4
		-43.5	-20.2	106	77	-410.1	-262.3	-1	2					
13TH	42.14									-745.6	-382.4	9.3	-17.1	2.3
		-43.7	-20.3	106	77	-412.0	-263.0	-1	2					
14TH	45.13									-701.8	-362.1	8.2	-14.9	2.2
		-43.9	-20.6	106	77	-413.8	-266.3	-1	2					
15TH	48.13									-657.9	-341.5	7.1	-12.9	2.1
		-45.2	-21.4	106	77	-426.0	-276.8	-1	2					
16TH	51.13									-612.7	-320.2	6.1	-11.0	2.0
		-46.5	-22.2	106	77	-438.3	-287.4	-1	2					
17TH	54.12									-566.1	-298.0	5.2	-9.2	1.9
		-47.8	-23.0	106	77	-450.5	-297.9	-1	2					
18TH	57.12									-518.3	-275.0	4.4	-7.6	1.8
		-49.1	-23.8	106	77	-462.8	-308.5	-1	2					
19TH	60.12									-469.2	-251.2	3.6	-6.1	1.7
		-50.4	-24.6	106	77	-475.0	-318.8	-1	2					
20TH	63.11									-418.8	-226.6	2.9	-4.8	1.5
		-52.1	-25.3	106	77	-491.0	-328.0	-1	2					
21ST	66.11									-366.6	-201.3	2.2	-3.6	1.4
		-53.9	-26.1	106	77	-507.4	-337.2	-1	3					
22ND	69.10									-312.8	-175.2	1.6	-2.6	1.2
		-55.6	-26.7	106	77	-523.7	-346.4	-1	3					
23RD	72.10									-257.2	-148.5	1.2	-1.7	1.0
		-57.3	-27.4	106	77	-540.1	-355.6	-1	3					
24TH	75.10									-199.8	-121.0	.8	-1.1	.8
		-59.1	-28.2	106	77	-556.4	-364.7	-1	3					
25TH	78.09									-140.8	-92.9	.4	-.5	.6
		-58.5	-30.1	111	80	-528.5	-373.5	-1	3					
ROOF	81.22									-82.3	-62.8	.2	-.2	.4
		-73.1	-42.0	146	107	-499.7	-391.2	-2	3					
PARA	85.34									-9.2	-20.9	.0	-.0	.1
		-9.2	-20.9	11	36	-851.8	-572.2	-5	2					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 320 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1164.2	-451.3	23.4	-60.1	4.1
4TH	15.17	-.1	-.1	0	0	-446.2	-338.9	-1	1	-1164.0	-451.2	16.5	-42.4	4.1
5TH	18.17	-45.4	-27.6	106	77	-427.2	-357.5	-1	1	-1118.7	-423.6	15.2	-39.0	4.0
6TH	21.17	-45.4	-24.9	106	77	-427.6	-322.9	-1	2	-1073.3	-398.7	14.0	-35.7	3.9
7TH	24.16	-45.8	-22.3	106	77	-431.4	-288.3	-1	2	-1027.5	-376.4	12.8	-32.6	3.8
8TH	27.16	-46.2	-19.6	106	77	-435.3	-253.7	-1	2	-981.3	-356.9	11.7	-29.5	3.7
9TH	30.15	-46.6	-16.9	106	77	-438.9	-219.1	-1	2	-934.7	-339.9	10.7	-26.7	3.6
10TH	33.15	-46.8	-15.1	106	77	-441.0	-195.2	-1	3	-887.8	-324.9	9.7	-23.9	3.4
11TH	36.15	-47.1	-14.8	106	77	-443.5	-192.1	-1	3	-840.8	-310.1	8.8	-21.4	3.3
12TH	39.14	-47.3	-14.6	106	77	-445.9	-188.9	-1	2	-793.4	-295.5	7.8	-18.9	3.2
13TH	42.14	-47.6	-14.3	106	77	-448.3	-185.7	-1	2	-745.8	-281.1	7.0	-16.6	3.0
14TH	45.13	-47.9	-14.1	106	77	-450.8	-182.5	-1	2	-698.0	-267.1	6.2	-14.4	2.9
15TH	48.13	-48.1	-14.1	106	77	-453.2	-182.5	-1	2	-649.9	-253.0	5.4	-12.4	2.8
16TH	51.13	-48.8	-14.8	106	77	-459.3	-191.8	-1	2	-601.1	-238.2	4.6	-10.5	2.7
17TH	54.12	-49.4	-15.5	106	77	-465.4	-201.1	-1	3	-551.7	-222.6	4.0	-8.8	2.5
18TH	57.12	-50.0	-16.2	106	77	-471.4	-210.4	-1	3	-501.7	-206.4	3.3	-7.2	2.4
19TH	60.12	-50.7	-17.0	106	77	-477.5	-219.7	-1	3	-451.0	-189.4	2.7	-5.8	2.2
20TH	63.11	-51.3	-17.7	106	77	-483.6	-229.2	-1	3	-399.6	-171.8	2.2	-4.5	2.1
21ST	66.11	-52.0	-18.5	106	77	-490.0	-239.6	-1	3	-347.6	-153.3	1.7	-3.4	1.9
22ND	69.10	-52.7	-19.3	106	77	-496.5	-250.0	-1	4	-294.9	-134.0	1.3	-2.5	1.7
23RD	72.10	-53.4	-20.1	106	77	-503.0	-260.4	-1	4	-241.5	-113.9	.9	-1.6	1.4
24TH	75.10	-54.1	-20.9	106	77	-509.4	-270.9	-2	4	-187.4	-93.0	.6	-1.0	1.2
25TH	78.09	-54.8	-21.7	106	77	-515.9	-280.8	-2	4	-132.7	-71.3	.3	-.5	.9
ROOF	81.22	-54.1	-23.0	111	80	-488.4	-286.0	-2	5	-78.6	-48.3	.1	-.2	.6
PARA	85.34	-67.8	-32.6	146	107	-463.3	-303.6	-2	5	-10.8	-15.7	.0	-.0	.2
TOP	87.55	-10.8	-15.7	11	36	-1005.8	-430.3	-7	5	0.0	0.0	0.0	0.0	0.0

TABLE 7 SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 330 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1244.5	-333.1	17.5	-64.4	3.6
		-.1	-.1	0	0	-433.5	-231.7	-0	1					
4TH	15.17									-1244.3	-333.0	12.5	-45.5	3.6
		-43.9	-19.3	106	77	-413.6	-249.9	-0	1					
5TH	18.17									-1200.4	-313.7	11.5	-41.9	3.5
		-44.0	-17.3	106	77	-414.3	-224.7	-0	1					
6TH	21.17									-1156.4	-296.4	10.6	-38.3	3.5
		-44.4	-15.4	106	77	-418.5	-199.6	-0	1					
7TH	24.16									-1112.0	-281.0	9.7	-34.9	3.4
		-44.9	-13.5	106	77	-422.8	-174.4	-0	1					
8TH	27.16									-1067.1	-267.5	8.9	-31.7	3.3
		-45.3	-11.5	106	77	-426.9	-149.2	-0	2					
9TH	30.15									-1021.8	-256.0	8.1	-28.5	3.3
		-45.8	-10.2	106	77	-431.7	-132.4	-0	2					
10TH	33.15									-975.9	-245.8	7.4	-25.5	3.2
		-48.2	-10.2	106	77	-453.6	-132.0	-0	2					
11TH	36.15									-927.8	-235.6	6.7	-22.7	3.1
		-50.5	-10.2	106	77	-475.5	-131.6	-0	2					
12TH	39.14									-877.3	-225.4	6.0	-20.0	3.0
		-52.8	-10.1	106	77	-497.4	-131.1	-0	2					
13TH	42.14									-824.5	-215.3	5.3	-17.4	2.9
		-55.1	-10.1	106	77	-519.3	-130.7	-0	2					
14TH	45.13									-769.4	-205.2	4.7	-15.0	2.7
		-57.5	-10.3	106	77	-541.2	-133.3	-0	2					
15TH	48.13									-711.9	-194.9	4.1	-12.8	2.6
		-58.4	-11.2	106	77	-550.4	-144.7	-0	2					
16TH	51.13									-653.5	-183.8	3.5	-10.8	2.5
		-59.4	-12.1	106	77	-559.5	-156.1	-0	2					
17TH	54.12									-594.1	-171.7	3.0	-8.9	2.4
		-60.4	-12.9	106	77	-568.7	-167.6	-0	2					
18TH	57.12									-533.7	-158.8	2.5	-7.2	2.2
		-61.3	-13.8	106	77	-577.9	-179.0	-0	2					
19TH	60.12									-472.4	-144.9	2.0	-5.7	2.1
		-62.3	-14.6	106	77	-587.0	-189.5	-0	2					
20TH	63.11									-410.0	-130.3	1.6	-4.4	2.0
		-61.1	-15.1	106	77	-575.1	-195.1	-1	2					
21ST	66.11									-349.0	-115.3	1.2	-3.3	1.8
		-59.6	-15.5	106	77	-561.2	-200.8	-1	3					
22ND	69.10									-289.4	-99.8	.9	-2.3	1.6
		-58.1	-15.9	106	77	-547.3	-206.5	-1	3					
23RD	72.10									-231.3	-83.8	.6	-1.5	1.4
		-56.6	-16.4	106	77	-533.4	-212.1	-1	4					
24TH	75.10									-174.7	-67.4	.4	-.9	1.2
		-55.2	-16.7	106	77	-519.5	-216.2	-1	4					
25TH	78.09									-119.5	-50.8	.2	-.5	.9
		-50.9	-16.3	111	80	-460.3	-202.7	-2	5					
ROOF	81.22									-68.6	-34.4	.1	-.2	.6
		-57.4	-21.7	146	107	-392.4	-202.3	-3	7					
PARA	85.34									-11.2	-12.7	.0	-.0	.2
		-11.2	-12.7	11	36	-1039.2	-349.6	-7	6					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 340 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-1029.6	-252.1	13.8	-56.7	1.1
		-.1	-.0	0	0	-298.6	-173.1	-0	1					
4TH	15.17									-1029.5	-252.0	10.0	-41.1	1.1
		-30.2	-14.2	106	77	-284.9	-184.6	-1	1					
5TH	18.17									-999.2	-237.8	9.3	-38.0	1.0
		-29.9	-12.4	106	77	-281.2	-160.8	-1	2					
6TH	21.17									-969.4	-225.4	8.6	-35.1	.9
		-29.7	-10.6	106	77	-279.7	-137.0	-1	2					
7TH	24.16									-939.7	-214.8	7.9	-32.2	.9
		-29.5	-8.7	106	77	-278.2	-113.1	-1	2					
8TH	27.16									-910.1	-206.1	7.3	-29.4	.8
		-29.4	-6.9	106	77	-276.6	-89.3	-1	3					
9TH	30.15									-880.8	-199.2	6.7	-26.8	.7
		-29.4	-5.7	106	77	-276.7	-74.3	-1	3					
10TH	33.15									-851.4	-193.5	6.1	-24.2	.6
		-31.6	-5.9	106	77	-297.8	-76.4	-0	3					
11TH	36.15									-819.8	-187.6	5.5	-21.7	.5
		-33.8	-6.1	106	77	-318.8	-78.4	-0	2					
12TH	39.14									-785.9	-181.5	5.0	-19.2	.4
		-36.1	-6.2	106	77	-339.8	-80.5	-0	2					
13TH	42.14									-749.9	-175.3	4.4	-16.9	.4
		-38.3	-6.4	106	77	-360.9	-82.6	-0	2					
14TH	45.13									-711.6	-168.9	3.9	-14.8	.3
		-40.5	-6.8	106	77	-381.9	-87.8	-0	1					
15TH	48.13									-671.0	-162.1	3.4	-12.7	.3
		-44.1	-7.9	106	77	-415.6	-102.4	-0	1					
16TH	51.13									-626.9	-154.2	2.9	-10.7	.2
		-47.7	-9.0	106	77	-449.3	-117.0	-0	1					
17TH	54.12									-579.2	-145.2	2.5	-8.9	.2
		-51.3	-10.2	106	77	-483.1	-131.6	-0	0					
18TH	57.12									-527.9	-135.0	2.1	-7.3	.2
		-54.9	-11.3	106	77	-516.8	-146.2	0	-0					
19TH	60.12									-473.0	-123.8	1.7	-5.8	.2
		-58.4	-12.3	106	77	-550.5	-159.8	0	-0					
20TH	63.11									-414.6	-111.4	1.3	-4.4	.2
		-58.9	-13.0	106	77	-554.5	-168.5	0	-0					
21ST	66.11									-355.7	-98.4	1.0	-3.3	.2
		-59.0	-13.7	106	77	-555.6	-177.2	0	-0					
22ND	69.10									-296.8	-84.7	.7	-2.3	.2
		-59.1	-14.4	106	77	-556.7	-185.9	0	-0					
23RD	72.10									-237.7	-70.4	.5	-1.5	.2
		-59.2	-15.0	106	77	-557.8	-194.6	0	-0					
24TH	75.10									-178.5	-55.4	.3	-.9	.2
		-59.3	-15.5	106	77	-558.9	-201.1	-0	0					
25TH	78.09									-119.1	-39.8	.2	-.4	.2
		-54.0	-14.7	111	80	-487.5	-182.1	-0	1					
ROOF	81.22									-65.2	-25.2	.1	-.2	.2
		-58.2	-18.6	146	107	-397.9	-173.3	-0	1					
PARA	85.34									-7.0	-6.6	.0	-.0	.1
		-7.0	-6.6	11	36	-647.0	-181.1	-8	8					
TOP	87.55									0.0	0.0	0.0	0.0	0.0

TABLE 7. SHEAR AND MOMENT DIAGRAMS : TOWER HOTEL - JOHANNESBURG
WIND DIRECTION 350 CONFIGURATION A REFERENCE PRESSURE 1110 PA GUST FACTOR 1.32

FLOOR	HEIGHT (M)	FORCE (KN) X	FORCE (KN) Y	AREA (SQ M) X	AREA (SQ M) Y	PRESSURE (PA) X	PRESSURE (PA) Y	ECCEN (M) X	ECCEN (M) Y	SHEAR (KN) X	SHEAR (KN) Y	MOMENT (MN-M) X	MOMENT (MN-M) Y	MOMENT (MN-M) Z
BASE	0.00									-945.7	-107.3	7.8	-50.9	-2.4
4TH	15.17	-.1	-.0	0	0	-296.5	-17.8	-0	1	-945.6	-107.3	6.2	-36.5	-2.4
5TH	18.17	-30.2	-1.8	106	77	-284.1	-23.7	-0	1	-915.5	-105.5	5.9	-33.8	-2.4
6TH	21.17	-29.7	-.6	106	77	-279.8	-8.0	-0	0	-885.8	-104.9	5.5	-31.1	-2.4
7TH	24.16	-29.4	.6	106	77	-277.3	7.7	0	0	-856.3	-105.5	5.2	-28.4	-2.4
8TH	27.16	-29.2	1.8	106	77	-274.9	23.4	-0	-0	-827.2	-107.3	4.9	-25.9	-2.4
9TH	30.15	-28.9	3.0	106	77	-272.5	39.1	-0	-0	-798.2	-110.3	4.6	-23.5	-2.4
10TH	33.15	-29.0	3.4	106	77	-272.7	44.6	-0	-1	-769.3	-113.8	4.3	-21.1	-2.4
11TH	36.15	-31.5	2.3	106	77	-296.3	30.2	-0	-1	-737.8	-116.1	3.9	-18.9	-2.4
12TH	39.14	-34.0	1.2	106	77	-319.8	15.8	-0	-1	-703.9	-117.3	3.6	-16.7	-2.3
13TH	42.14	-36.5	.1	106	77	-343.4	1.4	-0	-2	-667.4	-117.4	3.2	-14.7	-2.3
14TH	45.13	-39.0	-1.0	106	77	-366.9	-13.0	0	-2	-628.5	-116.4	2.9	-12.7	-2.2
15TH	48.13	-41.5	-2.2	106	77	-390.4	-28.0	0	-2	-587.0	-114.2	2.5	-10.9	-2.1
16TH	51.13	-43.2	-3.5	106	77	-406.5	-44.7	0	-2	-543.9	-110.8	2.2	-9.2	-2.0
17TH	54.12	-44.9	-4.7	106	77	-422.5	-61.4	0	-3	-499.0	-106.1	1.9	-7.7	-1.9
18TH	57.12	-46.6	-6.0	106	77	-438.5	-78.2	0	-3	-452.5	-100.0	1.5	-6.2	-1.7
19TH	60.12	-48.3	-7.3	106	77	-454.5	-94.9	0	-3	-404.2	-92.7	1.3	-4.9	-1.6
20TH	63.11	-50.0	-8.5	106	77	-470.5	-110.5	1	-3	-354.3	-84.2	1.0	-3.8	-1.4
21ST	66.11	-50.1	-9.3	106	77	-471.9	-120.5	1	-3	-304.2	-74.9	.7	-2.8	-1.3
22ND	69.10	-50.1	-10.1	106	77	-471.9	-130.5	1	-3	-254.1	-64.8	.5	-2.0	-1.1
23RD	72.10	-50.1	-10.8	106	77	-471.9	-140.5	1	-4	-204.0	-53.9	.4	-1.3	-.9
24TH	75.10	-50.1	-11.6	106	77	-471.9	-150.5	1	-4	-153.9	-42.3	.2	-.8	-.7
25TH	78.09	-50.1	-12.3	106	77	-471.9	-159.4	1	-4	-103.8	-30.0	.1	-.4	-.5
ROOF	81.22	-47.0	-12.6	111	80	-424.3	-156.4	1	-4	-56.8	-17.4	.0	-.1	-.3
PARA	85.34	-54.4	-17.5	146	107	-372.0	-162.9	2	-5	-2.4	.0	-.0	-.0	.0
TOP	87.55	-2.4	.0	11	36	-222.3	.8	0	19	0.0	0.0	0.0	0.0	0.0

TABLE 7. TOWER HOTEL - JOHANNESBURG
PROJECT 5693 CONFIGURATION A
SCALE = 300 REF. PRESSURE = 1110
GUST FACTOR = 1.32 STANDARD FLOOR HEIGHT = 3.00
NUMBER OF SIDES = 6 NO. OF FLOORS = 25

SIDE	ANGLE	Z-AXIS
1	0.0	5.905
2	90.0	2.896
3	90.0	-.102
4	180.0	5.905
5	270.0	2.896
6	270.0	2.896

FLOOR #	LABEL	HEIGHT-M
1	BASE	15.17
2	4TH	3.00
3	5TH	3.00
4	6TH	3.00
5	7TH	3.00
6	8TH	3.00
7	9TH	3.00
8	10TH	3.00
9	11TH	3.00
10	12TH	3.00
11	13TH	3.00
12	14TH	3.00
13	15TH	3.00
14	16TH	3.00
15	17TH	3.00
16	18TH	3.00
17	19TH	3.00
18	20TH	3.00
19	21ST	3.00
20	22ND	3.00
21	23RD	3.00
22	24TH	3.00
23	25TH	3.12
24	ROOF	4.13
25	PARA	2.21

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	.314	.223	.922	-.753	0	151	-.230	.064	-.070	-.629	0	231	-.293	.053	-.084	-.571
0	102	.077	.237	.761	-.819	0	152	-.148	.041	.057	-.349	0	232	-.227	.044	-.007	-.400
0	103	-.176	.215	.598	-.819	0	153	-.141	.035	.038	-.288	0	233	-.202	.061	.031	-.658
0	104	-.181	.217	.615	-.949	0	154	-.150	.066	.089	-.626	0	234	-.233	.115	.085	-.909
0	105	-.414	.121	.420	-.792	0	155	-.121	.068	.082	-.543	0	235	-.412	.200	.049	-1.334
0	106	.091	.152	.579	-.502	0	156	-.131	.047	.070	-.474	0	236	-.605	.224	.074	-1.680
0	107	.069	.151	.503	-.523	0	157	-.165	.047	-.001	-.415	0	237	-.684	.256	.172	-1.704
0	108	.079	.153	.638	-.470	0	158	-.121	.069	.158	-.322	0	238	-.300	.082	-.089	-1.003
0	109	.025	.157	.566	-.398	0	159	-.121	.055	.300	-.335	0	239	-.302	.074	-.074	-.714
0	110	-.035	.142	.499	-.501	0	160	-.130	.043	.038	-.320	0	240	-.216	.045	-.019	-.425
0	111	-.221	.152	.264	-.839	0	161	-.098	.049	.124	-.249	0	241	-.184	.045	-.030	-.461
0	112	.102	.185	.774	-.552	0	162	-.152	.045	.023	-.418	0	242	-.193	.080	.009	-.759
0	113	.381	.178	.969	-.107	0	163	-.101	.061	.273	-.256	0	243	-.304	.157	.033	-1.230
0	114	.346	.172	.914	-.069	0	164	-.112	.044	.176	-.229	0	244	-.430	.164	.017	-1.175
0	115	.314	.160	.799	-.103	0	165	.011	.073	.373	-.153	0	245	-.424	.192	.133	-1.326
0	116	.204	.156	.715	-.254	0	166	-.007	.070	.398	-.185	0	246	-.295	.106	-.015	-.964
0	117	-.170	.130	.323	-.658	0	167	-.026	.063	.266	-.197	0	247	-.254	.072	-.073	-.661
0	118	-.033	.175	.554	-.582	0	168	.015	.055	.268	-.117	0	248	-.185	.042	-.046	-.415
0	119	.269	.165	.835	-.182	0	169	-.123	.063	.155	-.548	0	249	-.153	.040	-.007	-.304
0	120	.311	.153	.873	-.040	0	170	-.155	.034	.055	-.271	0	250	-.147	.051	.055	-.442
0	121	.246	.128	.713	-.065	0	201	-.371	.091	-.150	-.757	0	251	-.173	.084	.032	-.676
0	122	.114	.108	.577	-.186	0	202	-.768	.216	.118	-1.565	0	252	-.247	.111	.079	-.807
0	123	-.310	.119	.151	-.874	0	203	-.302	.091	.049	-.762	0	253	-.243	.114	.106	-.815
0	124	-.149	.144	.441	-.737	0	204	-.346	.081	-.137	-.796	0	254	-.268	.076	-.101	-.659
0	125	.141	.128	.647	-.196	0	205	-.446	.264	.466	-1.600	0	255	-.218	.052	-.076	-.459
0	126	.189	.124	.700	-.105	0	206	-.277	.043	-.146	-.492	0	256	-.153	.036	-.012	-.353
0	127	.143	.104	.609	-.163	0	207	-.296	.043	-.162	-.455	0	257	-.137	.035	.018	-.299
0	128	.037	.085	.384	-.215	0	208	-.239	.037	-.088	-.398	0	258	-.141	.037	.018	-.363
0	129	-.311	.116	.115	-.694	0	209	-.220	.043	-.040	-.396	0	259	-.147	.045	.035	-.420
0	130	-.192	.100	.369	-.618	0	210	-.230	.058	.035	-.553	0	260	-.149	.050	.101	-.425
0	131	-.014	.079	.412	-.226	0	211	-.311	.131	-.047	-.991	0	261	-.156	.052	.105	-.353
0	132	.022	.078	.448	-.194	0	212	-.734	.203	-.088	-1.659	0	262	-.145	.031	-.022	-.266
0	133	.026	.076	.374	-.194	0	213	-.551	.259	.324	-1.385	0	263	-.129	.036	.035	-.243
0	134	-.022	.063	.253	-.231	0	214	-.280	.041	-.162	-.494	0	264	-.144	.034	.037	-.293
0	135	-.316	.090	.214	-.638	0	215	-.276	.036	-.159	-.448	0	265	-.150	.041	.089	-.327
0	136	-.170	.080	.104	-.620	0	216	-.225	.038	-.061	-.473	0	266	-.180	.028	-.066	-.327
0	137	-.103	.042	.077	-.356	0	217	-.193	.046	.076	-.400	0	267	-.201	.030	.010	-.357
0	138	-.084	.044	.153	-.297	0	218	-.213	.082	.092	-.736	0	268	-.252	.051	-.078	-.682
0	139	-.068	.051	.170	-.233	0	219	-.476	.252	.094	-1.543	0	269	-.155	.029	-.007	-.266
0	140	-.078	.057	.163	-.305	0	220	-.702	.205	.076	-1.451	0	270	-.176	.031	-.012	-.268
0	141	-.249	.083	.052	-.684	0	221	-.719	.286	.225	-1.840	0	271	-.177	.032	.003	-.273
0	142	-.142	.047	.096	-.327	0	222	-.290	.045	-.140	-.532	0	272	-.172	.065	.239	-.413
0	143	-.131	.041	.035	-.324	0	223	-.307	.044	-.139	-.535	0	273	-.100	.035	.037	-.211
0	144	-.108	.038	.050	-.263	0	224	-.231	.041	.029	-.506	0	274	-.104	.036	.059	-.204
0	145	-.104	.042	.059	-.300	0	225	-.203	.062	.035	-.845	0	275	-.118	.036	.015	-.253
0	146	-.099	.051	.069	-.371	0	226	-.246	.128	.098	-1.013	0	276	-.148	.049	.003	-.389
0	147	-.135	.066	.091	-.430	0	227	-.456	.244	.118	-1.359	0	277	-.178	.090	.156	-.618
0	148	-.108	.049	.136	-.290	0	228	-.711	.232	.082	-1.846	0	301	-.437	.114	-.150	-1.015
0	149	-.108	.050	.128	-.337	0	229	-.783	.278	.251	-1.908	0	302	-.451	.137	-.137	-1.253
0	150	-.102	.044	.148	-.312	0	230	-.291	.054	.059	-.583	0	303	-.420	.115	-.190	-1.014

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	304	-.392	.086	-.158	-.789	0	405	-.487	.165	-.116	-1.279	0	455	-.248	.059	-.074	-.551
0	305	-.435	.126	-.107	-1.064	0	406	-.669	.222	-.203	-1.863	0	456	-.202	.035	-.079	-.388
0	306	-.327	.089	.276	-.771	0	407	-.607	.219	-.162	-1.647	0	457	-.206	.031	-.083	-.323
0	307	-.324	.077	-.140	-.678	0	408	-.548	.152	-.119	-1.245	0	458	-.204	.026	-.111	-.309
0	308	-.305	.053	-.005	-.598	0	409	-.544	.148	-.105	-1.183	0	459	-.214	.029	-.121	-.348
0	309	-.280	.039	-.005	-.489	0	410	-.493	.155	-.019	-1.237	0	460	-.252	.053	-.091	-.511
0	310	-.272	.036	-.150	-.425	0	411	-.398	.129	-.002	-.982	0	461	-.290	.087	-.099	-.662
0	311	-.278	.039	-.112	-.436	0	412	-.383	.140	-.011	-1.062	0	462	-.194	.032	-.039	-.300
0	312	-.340	.089	-.109	-.719	0	413	-.386	.156	-.043	-1.263	0	463	-.194	.028	-.074	-.300
0	313	-.303	.055	-.156	-.560	0	414	-.348	.167	-.207	-1.517	0	464	-.209	.036	-.091	-.372
0	314	-.288	.037	-.155	-.482	0	415	-.339	.161	-.156	-1.409	0	465	-.167	.066	.057	-.633
0	315	-.280	.034	.008	-.401	0	416	-.361	.158	-.163	-1.334	0	466	-.192	.022	-.096	-.305
0	316	-.282	.035	-.173	-.455	0	417	-.345	.162	.162	-1.426	0	467	-.196	.025	-.107	-.384
0	317	-.279	.035	-.153	-.428	0	418	-.475	.150	.127	-1.148	0	468	-.169	.020	-.100	-.250
0	318	-.373	.098	-.129	-.823	0	419	-.420	.129	.063	-1.147	0	469	-.156	.020	-.063	-.215
0	319	-.326	.054	-.163	-.554	0	420	-.407	.147	-.036	-1.237	0	470	-.199	.034	-.109	-.338
0	320	-.308	.041	-.190	-.520	0	421	-.401	.152	-.053	-1.127	0	471	-.204	.033	-.097	-.389
0	321	-.294	.038	-.192	-.472	0	422	-.343	.157	-.198	-1.341	0	472	-.234	.055	-.102	-.754
0	322	-.290	.038	-.163	-.490	0	423	-.324	.154	-.188	-1.437	0	473	-.166	.065	.088	-.506
0	323	-.288	.039	-.179	-.482	0	424	-.347	.165	-.125	-1.551	0	474	-.183	.033	-.058	-.340
0	324	-.363	.094	-.130	-.820	0	425	-.351	.160	-.035	-1.338	0	475	-.175	.021	-.081	-.250
0	325	-.330	.063	-.196	-.609	0	426	-.485	.151	-.000	-1.114	0	476	-.172	.025	-.081	-.264
0	326	-.305	.048	-.166	-.531	0	427	-.412	.128	.234	-1.167	0	477	-.163	.022	-.074	-.248
0	327	-.303	.049	-.117	-.575	0	428	-.446	.161	-.025	-1.114	0	478	-.153	.026	-.056	-.248
0	328	-.305	.051	-.129	-.727	0	429	-.434	.159	-.022	-1.084	0	479	-.207	.024	-.102	-.328
0	329	-.300	.060	-.109	-.994	0	430	-.631	.187	-.227	-1.899	0	480	-.167	.069	.159	-.414
0	330	-.315	.073	-.129	-.781	0	431	-.597	.166	-.223	-1.872	0	481	-.193	.038	-.060	-.398
0	331	-.318	.070	-.161	-.727	0	432	-.597	.171	-.053	-1.799	0	482	-.172	.022	-.086	-.266
0	332	-.309	.057	-.146	-.618	0	433	-.573	.174	-.042	-1.509	0	483	-.159	.022	-.077	-.222
0	333	-.313	.071	-.155	-.733	0	434	-.482	.161	-.030	-1.301	0	484	-.149	.025	-.046	-.231
0	334	-.309	.076	-.159	-.750	0	435	-.405	.132	-.003	-1.040	0	485	-.200	.031	-.095	-.361
0	335	-.314	.088	-.153	-1.051	0	436	-.400	.134	.003	-1.053	0	486	-.197	.021	-.109	-.282
0	336	-.263	.072	-.084	-.826	0	437	-.393	.124	-.078	-.990	0	487	-.203	.023	-.104	-.287
0	337	-.283	.084	-.038	-.836	0	438	-.696	.218	-.191	-1.911	0	801	-.135	.040	.013	-.402
0	338	-.269	.062	-.008	-.641	0	439	-.644	.191	-.258	-1.785	0	802	-.138	.042	.020	-.368
0	339	-.268	.062	-.018	-.634	0	440	-.609	.177	-.166	-1.521	0	803	-.125	.034	.030	-.254
0	340	-.306	.108	-.070	-1.035	0	441	-.516	.156	-.111	-1.190	0	804	-.095	.037	.081	-.279
0	341	-.311	.118	-.070	-.961	0	442	-.372	.132	-.010	-1.004	0	805	-.091	.043	.039	-.312
0	342	-.258	.068	-.099	-1.223	0	443	-.318	.099	-.038	-.775	0	806	-.117	.080	.095	-.498
0	343	-.263	.063	-.067	-.631	0	444	-.325	.080	-.103	-.786	0	807	-.188	.084	.005	-.588
0	344	-.247	.068	-.055	-.681	0	445	-.304	.074	-.060	-.782	0	808	-.197	.068	-.007	-.554
0	345	-.223	.051	-.050	-.528	0	446	-.611	.193	-.140	-1.513	0	809	-.141	.042	.033	-.342
0	346	-.240	.055	-.072	-.540	0	447	-.520	.146	-.195	-1.641	0	810	-.145	.049	.087	-.474
0	347	-.247	.062	-.077	-.663	0	448	-.384	.132	-.099	-1.348	0	811	-.132	.038	-.000	-.384
0	348	-.224	.039	-.091	-.416	0	449	-.259	.065	-.056	-.779	0	812	-.109	.039	.095	-.298
0	349	-.218	.037	-.078	-.374	0	450	-.226	.040	-.088	-.492	0	813	-.085	.050	.095	-.526
0	401	-.617	.156	-.097	-1.351	0	451	-.238	.041	-.116	-.526	0	814	-.127	.088	.091	-1.250
0	402	-.495	.167	-.053	-1.446	0	452	-.275	.065	-.113	-.650	0	815	-.198	.068	-.030	-.670
0	403	-.529	.146	-.057	-1.223	0	453	-.270	.079	-.101	-.999	0	816	-.206	.057	-.053	-.518
0	404	-.556	.153	-.185	-1.362	0	454	-.226	.072	.091	-.586	0	817	-.144	.048	.032	-.405

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	818	-.142	.042	.019	-.323
0	819	-.119	.041	.061	-.297
0	820	-.079	.055	.219	-.264
0	821	-.092	.074	.255	-.406
0	822	-.208	.039	-.084	-.388
0	823	-.208	.037	-.058	-.355
0	824	-.136	.041	.035	-.368
0	825	-.135	.037	-.002	-.307
0	826	-.209	.036	-.087	-.320
0	827	-.203	.032	-.101	-.327
0	828	-.118	.034	-.021	-.245
0	829	-.197	.031	-.094	-.294
0	830	-.127	.039	.158	-.339
0	831	-.128	.034	-.012	-.307
0	832	-.202	.029	-.108	-.301
0	833	-.204	.031	-.079	-.327
0	834	-.146	.039	.120	-.321
0	835	-.136	.044	.262	-.356
0	836	-.131	.035	.053	-.261
0	837	-.209	.039	-.075	-.386
0	838	-.210	.038	-.082	-.396
0	839	-.217	.039	-.098	-.410
0	840	-.223	.039	-.104	-.470
0	841	-.214	.063	.316	-.470
0	842	-.245	.054	-.089	-.515
0	843	-.242	.056	-.104	-.507
0	844	-.218	.039	-.086	-.400
0	845	-.223	.041	-.116	-.409
0	846	-.252	.058	-.088	-.619
0	847	-.260	.065	-.107	-.522
0	848	-.262	.062	-.089	-.515
0	849	-.248	.067	-.062	-.551
0	850	-.269	.071	-.077	-.633
0	851	-.250	.059	-.097	-.570
0	852	-.224	.033	-.137	-.463
0	853	-.231	.047	-.107	-.439
0	854	-.260	.066	-.107	-.614
0	855	-.275	.074	-.074	-.568
0	856	-.263	.065	-.091	-.719
0	857	-.103	.071	.298	-.291
0	858	-.164	.052	.023	-.379
0	859	-.158	.025	-.061	-.244
0	901	-.669	.228	-.212	-1.760
0	902	-.580	.148	-.054	-1.337
0	903	-.528	.154	.078	-1.168
0	904	-.349	.133	.151	-.911
0	905	-.445	.142	.061	-1.110
0	906	-.749	.187	-.100	-1.617
0	907	-.636	.186	.082	-1.569
0	908	-.693	.201	-.112	-1.534
0	909	-.560	.174	-.117	-1.478
0	910	-.563	.159	-.174	-1.536
0	911	-.491	.132	.053	-1.204
0	912	-.291	.077	-.054	-.633
0	913	-.368	.137	.044	-1.024
0	914	-.626	.149	-.147	-1.348
0	915	-.649	.138	-.217	-1.171
0	916	-.627	.152	-.225	-1.381
0	917	-.585	.183	-.072	-1.475
0	918	-.590	.161	-.200	-1.574
0	919	-.480	.138	-.039	-1.164
0	920	-.378	.105	-.085	-1.022
0	921	-.602	.155	-.136	-1.380
0	922	-.231	.148	.509	-.738
0	923	-.571	.198	.098	-1.330
0	924	-.577	.163	-.068	-1.770
0	925	-.562	.140	-.145	-1.146
0	926	-.361	.085	-.125	-.830
0	927	-.337	.087	-.112	-.834
0	928	-.514	.136	-.118	-1.242
0	929	-.687	.149	-.314	-1.245
0	930	-.300	.089	.010	-.688
0	931	-.493	.152	-.004	-1.378
0	932	-.467	.137	-.003	-1.384
0	933	-.347	.062	-.179	-.705
0	934	-.333	.082	-.140	-.759
0	935	-.422	.110	-.108	-.962
0	936	-.433	.115	-.192	-1.004
0	937	-.369	.089	-.121	-.725
0	938	-.437	.153	-.027	-1.289
0	939	-.394	.124	.022	-.955
0	940	-.338	.060	-.106	-.586
0	941	-.340	.076	-.102	-.684
0	942	-.398	.130	-.082	-1.196
0	943	-.384	.134	-.042	-1.086
0	944	-.372	.123	-.037	-.960
0	945	-.373	.101	-.042	-.923
0	946	-.340	.049	-.208	-.547
0	947	-.314	.052	-.149	-.550
0	948	-.300	.049	-.132	-.557
0	949	-.309	.052	-.083	-.613
0	950	-.370	.129	-.061	-1.127
0	951	-.352	.122	-.022	-1.044
0	952	-.352	.108	-.064	-1.048
0	953	-.350	.093	-.059	-.806
0	954	-.284	.046	.329	-.531
0	955	-.277	.044	-.108	-.552
0	956	-.275	.044	-.116	-.529
0	957	-.263	.040	-.123	-.412
0	958	-.202	.042	-.066	-.390
0	959	-.172	.039	-.019	-.336
0	960	-.234	.067	.065	-.594
0	961	-.207	.052	.011	-.445
0	962	-.172	.049	.004	-.331
0	963	-.219	.042	-.094	-.416
0	964	-.272	.093	-.035	-1.331
0	965	-.175	.040	-.021	-.381
0	966	-.205	.037	-.054	-.352
0	967	-.204	.035	-.059	-.359
0	968	-.172	.037	-.005	-.371
0	969	-.123	.058	.211	-.305
0	970	-.178	.042	-.017	-.350
0	971	-.198	.053	.056	-.474
0	972	-.174	.034	-.045	-.329
0	973	-.162	.034	.007	-.282
0	974	-.191	.031	-.045	-.348
0	975	-.188	.040	-.028	-.369
0	976	-.191	.033	-.064	-.331
0	977	-.182	.037	-.054	-.338
0	978	-.189	.028	-.099	-.310
0	979	-.137	.036	.010	-.318
0	980	-.167	.057	.069	-.488
0	981	-.137	.038	.050	-.263
0	982	-.141	.040	.029	-.424
0	983	-.122	.041	.083	-.377
0	984	-.150	.068	.283	-.472
0	985	-.123	.043	.075	-.311
0	986	-.122	.038	.031	-.307
10	101	.333	.225	.998	-.708
10	102	.007	.186	.744	-.822
10	103	-.003	.236	.724	-.822
10	104	.047	.256	.833	-.783
10	105	-.345	.110	.121	-.947
10	106	.163	.191	.763	-.500
10	107	.099	.160	.643	-.525
10	108	.059	.153	.594	-.408
10	109	.030	.137	.582	-.510
10	110	-.050	.115	.396	-.429
10	111	-.236	.105	.218	-.706
10	112	.168	.190	.808	-.427
10	113	.340	.195	1.076	-.175
10	114	.334	.180	.833	-.141
10	115	.266	.172	.782	-.250
10	116	.146	.139	.562	-.267
10	117	-.166	.091	.185	-.544
10	118	.014	.157	.650	-.489
10	119	.184	.162	.891	-.197
10	120	.222	.173	.838	-.154
10	121	.163	.158	.729	-.254
10	122	.061	.135	.605	-.278

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	123	-.314	.090	.006	-.721	10	203	-.201	.095	.126	-.624	10	253	-.148	.075	.105	-.653
10	124	-.078	.110	.343	-.451	10	204	-.329	.079	-.093	-.698	10	254	-.229	.064	-.072	-.592
10	125	.042	.119	.596	-.301	10	205	-.247	.266	.403	-1.344	10	255	-.172	.051	-.006	-.486
10	126	.067	.135	.633	-.318	10	206	-.279	.047	-.153	-.466	10	256	-.161	.042	.008	-.359
10	127	.061	.139	.667	-.246	10	207	-.292	.051	-.118	-.529	10	257	-.141	.044	-.001	-.434
10	128	-.056	.111	.462	-.338	10	208	-.198	.062	.087	-.434	10	258	-.136	.044	.028	-.475
10	129	-.348	.103	.044	-.736	10	209	-.164	.070	.124	-.435	10	259	-.127	.046	.074	-.371
10	130	-.119	.077	.145	-.514	10	210	-.136	.083	.239	-.425	10	260	-.123	.050	.119	-.529
10	131	-.075	.058	.234	-.271	10	211	-.148	.112	.225	-.728	10	261	-.120	.050	.153	-.394
10	132	-.057	.068	.394	-.274	10	212	-.454	.251	.401	-1.681	10	262	-.109	.034	.081	-.224
10	133	-.078	.066	.225	-.363	10	213	-.218	.279	.880	-1.484	10	263	-.040	.048	.150	-.152
10	134	-.101	.076	.242	-.396	10	214	-.282	.046	-.147	-.506	10	264	-.062	.038	.133	-.177
10	135	-.342	.090	-.045	-.728	10	215	-.274	.048	-.116	-.479	10	265	-.112	.050	.108	-.328
10	136	-.110	.057	.089	-.442	10	216	-.188	.062	.075	-.368	10	266	-.189	.037	-.023	-.425
10	137	-.094	.041	.106	-.294	10	217	-.140	.074	.218	-.460	10	267	-.219	.036	-.008	-.429
10	138	-.100	.036	.091	-.277	10	218	-.106	.097	.341	-.571	10	268	-.239	.061	.167	-.526
10	139	-.103	.043	.144	-.275	10	219	-.183	.224	.352	-1.316	10	269	-.093	.041	.118	-.202
10	140	-.120	.056	.152	-.323	10	220	-.462	.285	.405	-1.540	10	270	-.139	.038	.024	-.256
10	141	-.248	.078	.050	-.660	10	221	-.371	.359	.673	-1.838	10	271	-.156	.038	.019	-.308
10	142	-.115	.046	.048	-.442	10	222	-.300	.053	-.102	-.648	10	272	-.108	.077	.239	-.316
10	143	-.109	.039	.132	-.279	10	223	-.318	.054	-.116	-.513	10	273	-.039	.041	.192	-.162
10	144	-.101	.032	-.001	-.430	10	224	-.205	.057	.071	-.423	10	274	-.051	.041	.133	-.192
10	145	-.109	.032	.016	-.342	10	225	-.147	.067	.209	-.615	10	275	-.038	.043	.175	-.152
10	146	-.119	.037	.082	-.270	10	226	-.130	.100	.328	-.984	10	276	-.043	.044	.197	-.229
10	147	-.177	.051	.038	-.413	10	227	-.216	.216	.408	-1.342	10	277	-.114	.042	.167	-.266
10	148	-.105	.044	.031	-.339	10	228	-.410	.267	.367	-1.502	10	301	-.448	.110	-.150	-1.067
10	149	-.102	.038	.021	-.282	10	229	-.391	.335	.704	-1.855	10	302	-.460	.126	-.172	-1.077
10	150	-.111	.033	.041	-.260	10	230	-.312	.066	-.091	-.716	10	303	-.443	.119	-.191	-1.081
10	151	-.197	.096	.263	-.701	10	231	-.335	.074	-.106	-.708	10	304	-.387	.076	-.173	-.786
10	152	-.109	.034	.034	-.297	10	232	-.217	.054	-.000	-.455	10	305	-.447	.120	-.207	-1.035
10	153	-.098	.036	.118	-.210	10	233	-.154	.054	.104	-.520	10	306	-.346	.087	-.106	-.874
10	154	-.108	.040	.179	-.304	10	234	-.133	.068	.148	-.753	10	307	-.314	.070	-.127	-.838
10	155	-.139	.041	.058	-.383	10	235	-.187	.158	.252	-1.190	10	308	-.302	.055	-.140	-.628
10	156	-.107	.047	.078	-.321	10	236	-.332	.223	.267	-1.479	10	309	-.286	.044	-.168	-.564
10	157	-.120	.060	.202	-.413	10	237	-.323	.258	.261	-1.495	10	310	-.282	.044	-.160	-.546
10	158	-.041	.084	.330	-.272	10	238	-.342	.110	-.055	-.956	10	311	-.292	.048	-.131	-.504
10	159	-.024	.073	.310	-.317	10	239	-.363	.102	-.101	-.914	10	312	-.355	.075	-.167	-.719
10	160	-.073	.040	.066	-.243	10	240	-.216	.045	-.049	-.425	10	313	-.303	.045	-.181	-.517
10	161	-.071	.041	.105	-.228	10	241	-.154	.036	.071	-.330	10	314	-.289	.038	-.181	-.543
10	162	-.117	.047	.103	-.289	10	242	-.130	.048	.068	-.500	10	315	-.284	.038	-.171	-.491
10	163	.008	.076	.614	-.188	10	243	-.140	.081	.084	-.911	10	316	-.283	.038	-.173	-.455
10	164	-.014	.075	.424	-.208	10	244	-.211	.129	.059	-1.099	10	317	-.285	.039	-.162	-.471
10	165	-.096	.051	.268	-.272	10	245	-.203	.143	.212	-1.081	10	318	-.387	.080	-.152	-.768
10	166	-.095	.045	.137	-.247	10	246	-.367	.139	-.103	-1.265	10	319	-.337	.050	.288	-.637
10	167	-.089	.045	.172	-.260	10	247	-.267	.076	-.074	-.788	10	320	-.316	.041	-.207	-.566
10	168	-.043	.042	.214	-.166	10	248	-.178	.046	-.013	-.355	10	321	-.312	.046	-.196	-.611
10	169	-.168	.072	.169	-.553	10	249	-.138	.037	.023	-.271	10	322	-.304	.048	-.184	-.664
10	170	-.208	.044	-.040	-.430	10	250	-.127	.039	.003	-.473	10	323	-.300	.046	-.157	-.545
10	201	-.339	.087	-.074	-.760	10	251	-.128	.046	.025	-.470	10	324	-.382	.081	-.134	-.732
10	202	-.551	.276	.311	-1.461	10	252	-.154	.068	.042	-.648	10	325	-.356	.068	-.168	-.791

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	326	-.333	.054	-.132	-.589
10	327	-.324	.063	-.178	-.686
10	328	-.321	.066	-.171	-.874
10	329	-.304	.061	-.079	-.644
10	330	-.329	.076	-.136	-.688
10	331	-.325	.075	-.137	-.809
10	332	-.315	.059	-.149	-.660
10	333	-.326	.082	-.153	-.872
10	334	-.393	.119	-.185	-.934
10	335	-.361	.107	-.145	-.941
10	336	-.236	.047	-.081	-.557
10	337	-.235	.045	-.118	-.547
10	338	-.231	.032	-.120	-.397
10	339	-.250	.057	-.093	-.663
10	340	-.300	.120	-.076	-1.280
10	341	-.376	.145	-.130	-1.236
10	342	-.205	.040	-.061	-.478
10	343	-.200	.037	-.034	-.411
10	344	-.197	.035	-.039	-.330
10	345	-.213	.037	-.081	-.421
10	346	-.213	.044	-.081	-.463
10	347	-.220	.057	-.058	-.554
10	348	-.229	.035	-.110	-.387
10	349	-.204	.025	-.095	-.328
10	401	-.523	.122	-.154	-1.178
10	402	-.487	.152	-.197	-1.346
10	403	-.502	.128	-.165	-1.100
10	404	-.511	.128	-.185	-1.163
10	405	-.468	.147	-.145	-1.441
10	406	-.449	.111	-.141	-1.196
10	407	-.422	.110	-.110	-1.200
10	408	-.424	.108	-.168	-1.070
10	409	-.451	.127	-.228	-1.063
10	410	-.433	.116	-.136	-1.177
10	411	-.405	.113	-.013	-1.164
10	412	-.406	.139	-.056	-1.161
10	413	-.412	.146	-.066	-1.184
10	414	-.411	.095	-.134	-1.002
10	415	-.401	.093	-.156	-.898
10	416	-.419	.095	-.071	-1.097
10	417	-.430	.109	-.151	-1.218
10	418	-.414	.102	-.116	-1.163
10	419	-.402	.094	-.131	-.911
10	420	-.428	.118	-.098	-1.129
10	421	-.427	.131	-.064	-1.034
10	422	-.478	.105	-.153	-1.019
10	423	-.442	.093	-.167	-1.094
10	424	-.458	.108	-.197	-1.103
10	425	-.470	.119	-.133	-1.198
10	426	-.464	.115	-.163	-1.075
10	427	-.430	.103	-.102	-.953
10	428	-.441	.124	-.152	-1.189
10	429	-.453	.143	-.136	-1.251
10	430	-.382	.141	-.174	-1.735
10	431	-.537	.127	-.199	-1.428
10	432	-.523	.135	-.205	-1.568
10	433	-.524	.145	-.197	-1.454
10	434	-.469	.128	-.041	-1.384
10	435	-.420	.119	-.108	-1.040
10	436	-.401	.106	-.160	-1.078
10	437	-.396	.101	-.161	-.928
10	438	-.626	.178	-.214	-1.654
10	439	-.563	.151	-.230	-1.349
10	440	-.547	.158	-.059	-1.623
10	441	-.463	.125	-.174	-1.092
10	442	-.367	.116	-.063	-1.164
10	443	-.306	.076	-.066	-.766
10	444	-.322	.073	-.100	-.647
10	445	-.288	.073	-.081	-.653
10	446	-.478	.141	-.105	-1.437
10	447	-.427	.111	-.155	-1.097
10	448	-.335	.099	-.071	-1.154
10	449	-.251	.051	-.048	-.647
10	450	-.227	.032	-.045	-.486
10	451	-.224	.029	-.095	-.760
10	452	-.242	.049	-.119	-.568
10	453	-.236	.041	-.112	-.573
10	454	-.254	.059	-.035	-.516
10	455	-.259	.052	-.091	-.536
10	456	-.235	.044	-.087	-.409
10	457	-.215	.034	-.092	-.345
10	458	-.211	.032	-.070	-.332
10	459	-.210	.029	-.075	-.335
10	460	-.214	.036	-.075	-.476
10	461	-.222	.047	-.096	-.492
10	462	-.219	.031	-.110	-.360
10	463	-.209	.028	-.083	-.311
10	464	-.209	.030	-.085	-.335
10	465	-.293	.075	-.021	-.811
10	466	-.221	.026	-.105	-.355
10	467	-.214	.029	-.107	-.428
10	468	-.199	.023	-.090	-.318
10	469	-.182	.019	-.125	-.246
10	470	-.211	.033	-.125	-.407
10	471	-.214	.035	-.104	-.418
10	472	-.267	.064	-.137	-.811
10	473	-.228	.060	-.037	-.581
10	474	-.217	.033	-.097	-.372
10	475	-.204	.023	-.118	-.290
10	476	-.201	.026	-.107	-.300
10	477	-.186	.022	-.062	-.272
10	478	-.177	.023	-.090	-.244
10	479	-.227	.025	-.148	-.355
10	480	-.230	.057	.040	-.455
10	481	-.223	.040	-.095	-.400
10	482	-.195	.023	-.076	-.297
10	483	-.181	.023	-.058	-.260
10	484	-.172	.023	-.093	-.239
10	485	-.222	.027	-.132	-.328
10	486	-.219	.023	-.139	-.304
10	487	-.220	.022	-.130	-.325
10	801	-.119	.047	.161	-.334
10	802	-.114	.044	.059	-.335
10	803	-.104	.037	.034	-.389
10	804	-.098	.027	-.002	-.218
10	805	-.099	.022	-.011	-.197
10	806	-.107	.036	.060	-.311
10	807	-.176	.040	-.001	-.339
10	809	-.226	.061	-.016	-.472
10	809	-.105	.043	.067	-.308
10	810	-.118	.046	.104	-.343
10	811	-.106	.037	.005	-.355
10	812	-.102	.031	-.000	-.330
10	813	-.098	.032	.053	-.229
10	814	-.109	.037	.034	-.291
10	815	-.208	.045	-.057	-.462
10	816	-.235	.055	-.066	-.457
10	817	-.122	.046	.076	-.327
10	818	-.106	.044	.091	-.350
10	819	-.093	.035	.049	-.255
10	820	-.095	.032	.121	-.234
10	821	-.097	.044	.165	-.262
10	822	-.226	.045	-.053	-.408
10	823	-.245	.055	-.067	-.505
10	824	-.126	.046	.093	-.355
10	825	-.110	.039	.130	-.276
10	826	-.211	.034	-.084	-.325
10	827	-.217	.037	-.058	-.346
10	828	-.094	.035	.075	-.269
10	829	-.200	.031	-.091	-.320
10	830	-.128	.046	.112	-.406
10	831	-.110	.037	.123	-.225
10	832	-.202	.030	-.053	-.311
10	833	-.208	.031	-.074	-.346
10	834	-.104	.049	.140	-.383
10	835	-.085	.067	.367	-.255
10	836	-.110	.037	.070	-.261
10	837	-.197	.029	-.105	-.327
10	838	-.197	.027	-.105	-.285
10	839	-.202	.030	-.079	-.301

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	840	-.209	.031	-.062	-.401	10	931	-.452	.130	-.060	-1.187	10	981	-.133	.048	.006	-.349
10	841	-.144	.071	.140	-.435	10	932	-.441	.124	-.084	-1.080	10	982	-.117	.050	.044	-.389
10	842	-.212	.051	-.082	-.527	10	933	-.315	.069	-.133	-.872	10	983	-.144	.057	.007	-.599
10	843	-.217	.049	-.045	-.443	10	934	-.312	.101	-.021	-.799	10	984	-.135	.043	.051	-.445
10	844	-.210	.035	-.099	-.332	10	935	-.428	.109	-.108	-.955	10	985	-.128	.038	.003	-.299
10	845	-.197	.033	-.080	-.539	10	936	-.440	.109	-.193	-.950	10	986	-.114	.037	.095	-.264
10	846	-.200	.031	-.052	-.336	10	937	-.354	.076	-.163	-.732	20	101	.191	.232	.866	-.671
10	847	-.215	.037	-.069	-.460	10	938	-.420	.131	-.048	-1.043	20	102	-.101	.148	.627	-.632
10	848	-.212	.034	-.096	-.396	10	939	-.399	.125	-.047	-1.101	20	103	.101	.191	.671	-.521
10	849	-.214	.060	-.062	-.576	10	940	-.350	.067	-.135	-.607	20	104	.254	.237	1.031	-.656
10	850	-.240	.064	-.096	-.511	10	941	-.337	.086	-.101	-.730	20	105	-.230	.093	.219	-.595
10	851	-.226	.050	-.085	-.492	10	942	-.426	.131	-.114	-1.088	20	106	.133	.210	.683	-.494
10	852	-.215	.028	-.122	-.355	10	943	-.415	.137	-.036	-1.079	20	107	.038	.168	.599	-.437
10	853	-.197	.027	-.101	-.311	10	944	-.357	.110	.117	-.955	20	108	.020	.167	.565	-.445
10	854	-.197	.037	-.064	-.366	10	945	-.357	.106	-.014	-.837	20	109	-.038	.149	.477	-.414
10	855	-.212	.037	-.055	-.461	10	946	-.348	.049	-.215	-.594	20	110	-.096	.129	.399	-.422
10	856	-.217	.038	-.102	-.484	10	947	-.316	.056	-.146	-.670	20	111	-.278	.100	.168	-.823
10	857	-.016	.081	.366	-.232	10	948	-.302	.055	-.116	-.581	20	112	.183	.212	.846	-.433
10	858	-.233	.056	-.009	-.444	10	949	-.316	.058	-.141	-.612	20	113	.165	.183	.778	-.256
10	859	-.180	.026	-.075	-.274	10	950	-.401	.144	-.057	-1.430	20	114	.119	.164	.747	-.245
10	901	-.457	.133	-.194	-1.273	10	951	-.382	.128	-.049	-.962	20	115	.053	.145	.550	-.268
10	902	-.491	.117	-.010	-1.180	10	952	-.347	.105	-.079	-.900	20	116	-.035	.135	.451	-.351
10	903	-.443	.138	.052	-1.152	10	953	-.334	.093	-.107	-.839	20	117	-.228	.081	.120	-.522
10	904	-.316	.135	.173	-.963	10	954	-.291	.053	-.134	-.596	20	118	.071	.155	.668	-.395
10	905	-.390	.148	.223	-.969	10	955	-.281	.048	-.126	-.525	20	119	.063	.124	.574	-.175
10	906	-.570	.208	.169	-1.316	10	956	-.281	.049	-.084	-.547	20	120	.024	.103	.479	-.224
10	907	-.434	.216	.274	-1.342	10	957	-.281	.053	-.105	-.553	20	121	-.041	.092	.533	-.313
10	908	-.415	.241	.410	-1.603	10	958	-.203	.042	-.045	-.487	20	122	-.126	.085	.333	-.338
10	909	-.433	.112	-.157	-1.094	10	959	-.217	.050	.029	-.465	20	123	-.332	.076	.008	-.682
10	910	-.438	.106	-.137	-1.193	10	960	-.202	.044	-.052	-.510	20	124	-.031	.104	.531	-.446
10	911	-.411	.117	-.111	-1.212	10	961	-.208	.035	-.004	-.371	20	125	-.027	.083	.396	-.254
10	912	-.263	.074	-.023	-.669	10	962	-.213	.040	.022	-.373	20	126	-.060	.064	.263	-.249
10	913	-.318	.128	.108	-.874	10	963	-.223	.036	-.064	-.404	20	127	-.103	.059	.295	-.275
10	914	-.495	.157	-.064	-1.255	10	964	-.215	.042	-.111	-.766	20	128	-.171	.061	.282	-.291
10	915	-.429	.157	-.016	-1.048	10	965	-.203	.036	.010	-.378	20	129	-.343	.068	-.053	-.557
10	916	-.459	.155	-.014	-1.294	10	966	-.212	.032	-.101	-.335	20	130	-.094	.066	.208	-.469
10	917	-.447	.130	-.157	-1.315	10	967	-.201	.027	-.090	-.283	20	131	-.092	.042	.154	-.264
10	918	-.458	.112	-.149	-1.015	10	968	-.212	.031	-.099	-.394	20	132	-.106	.042	.103	-.281
10	919	-.335	.134	.097	-.922	10	969	-.194	.044	-.026	-.411	20	133	-.139	.040	.232	-.298
10	920	-.271	.109	.074	-.857	10	970	-.215	.033	-.054	-.368	20	134	-.190	.043	.066	-.383
10	921	-.490	.126	-.088	-1.131	10	971	-.212	.033	.012	-.496	20	135	-.352	.068	-.125	-.751
10	922	-.119	.177	.546	-.687	10	972	-.202	.036	-.023	-.350	20	136	-.101	.049	.171	-.469
10	923	-.318	.234	.315	-1.100	10	973	-.199	.039	-.019	-.338	20	137	-.100	.040	.117	-.258
10	924	-.470	.137	-.110	-1.384	10	974	-.204	.032	-.071	-.321	20	138	-.114	.037	.035	-.324
10	925	-.474	.108	-.178	-.933	10	975	-.204	.037	-.066	-.352	20	139	-.135	.033	.016	-.314
10	926	-.278	.090	.037	-.730	10	976	-.208	.036	-.042	-.385	20	140	-.184	.037	-.073	-.371
10	927	-.275	.102	.024	-.820	10	977	-.199	.035	-.087	-.420	20	141	-.352	.087	.139	-.833
10	928	-.503	.133	-.183	-1.222	10	978	-.211	.033	-.090	-.376	20	142	-.143	.043	.050	-.398
10	929	-.658	.140	-.236	-1.197	10	979	-.133	.052	.027	-.523	20	143	-.134	.036	.038	-.331
10	930	-.223	.093	.080	-.624	10	980	-.138	.058	.003	-.490	20	144	-.136	.033	-.004	-.349

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	145	-.155	.034	-.009	-.309
20	146	-.185	.032	-.073	-.307
20	147	-.274	.046	-.152	-.496
20	148	-.240	.065	.011	-.534
20	149	-.219	.065	.013	-.490
20	150	-.207	.049	-.061	-.452
20	151	-.049	.153	.518	-.722
20	152	-.038	.056	.216	-.287
20	153	-.047	.054	.201	-.244
20	154	-.211	.073	-.092	-.727
20	155	-.198	.039	-.061	-.356
20	156	-.120	.046	.110	-.282
20	157	.024	.095	.404	-.274
20	158	.017	.127	.635	-.373
20	159	.113	.103	.645	-.207
20	160	.030	.059	.286	-.148
20	161	.027	.057	.278	-.148
20	162	-.127	.054	.085	-.339
20	163	.114	.106	.575	-.160
20	164	.101	.099	.600	-.158
20	165	-.220	.064	-.019	-.470
20	166	-.221	.066	.058	-.492
20	167	-.189	.066	.060	-.433
20	168	-.142	.054	.174	-.356
20	169	-.232	.056	-.044	-.527
20	170	-.266	.055	-.061	-.472
20	201	-.225	.067	.079	-.505
20	202	-.074	.270	.660	-1.056
20	203	-.052	.112	.400	-.490
20	204	-.251	.063	-.055	-.478
20	205	.068	.241	.710	-1.000
20	206	-.292	.047	-.123	-.534
20	207	-.264	.047	-.084	-.458
20	208	-.124	.074	.141	-.437
20	209	-.060	.091	.205	-.353
20	210	-.005	.108	.328	-.346
20	211	-.026	.125	.435	-.483
20	212	-.025	.190	.596	-.804
20	213	.129	.227	.785	-.842
20	214	-.295	.044	-.151	-.489
20	215	-.239	.048	-.064	-.474
20	216	-.093	.074	.235	-.344
20	217	.004	.102	.346	-.291
20	218	.055	.128	.510	-.362
20	219	.089	.146	.621	-.695
20	220	.082	.219	.808	-.856
20	221	.149	.237	.895	-.859
20	222	-.330	.065	-.152	-.630
20	223	-.307	.060	-.132	-.710
20	224	-.138	.070	.164	-.403
20	225	-.031	.092	.385	-.349
20	226	.017	.113	.470	-.289
20	227	.078	.150	.707	-.702
20	228	.046	.176	.707	-.747
20	229	.094	.215	.827	-.830
20	230	-.386	.116	-.172	-1.172
20	231	-.336	.094	-.124	-.809
20	232	-.173	.057	.055	-.399
20	233	-.092	.067	.224	-.283
20	234	-.031	.083	.300	-.245
20	235	-.003	.099	.525	-.327
20	236	.002	.122	.564	-.542
20	237	.006	.140	.671	-.666
20	238	-.466	.191	-.107	-1.849
20	239	-.352	.132	-.108	-1.345
20	240	-.185	.051	-.001	-.445
20	241	-.113	.044	.073	-.314
20	242	-.075	.051	.169	-.236
20	243	-.052	.058	.331	-.260
20	244	-.055	.063	.342	-.320
20	245	-.039	.078	.380	-.526
20	246	-.395	.161	-.021	-1.627
20	247	-.341	.108	-.058	-.910
20	248	-.180	.052	.006	-.415
20	249	-.116	.040	.035	-.308
20	250	-.093	.040	.072	-.276
20	251	-.079	.043	.077	-.276
20	252	-.079	.050	.092	-.313
20	253	-.079	.053	.124	-.308
20	254	-.310	.129	-.009	-1.079
20	255	-.188	.080	.177	-.608
20	256	-.139	.064	.124	-.375
20	257	-.111	.066	.109	-.553
20	258	-.097	.048	.067	-.370
20	259	-.107	.043	.062	-.373
20	260	-.120	.048	.129	-.363
20	261	-.188	.068	.157	-.565
20	262	-.069	.049	.114	-.279
20	263	.062	.065	.340	-.110
20	264	-.001	.048	.270	-.155
20	265	-.251	.063	.014	-.486
20	266	-.144	.066	.104	-.545
20	267	-.190	.067	.079	-.720
20	268	-.183	.114	.298	-.784
20	269	.012	.071	.377	-.259
20	270	-.090	.056	.213	-.324
20	271	-.144	.055	.144	-.341
20	272	-.142	.126	.295	-.590
20	273	.066	.061	.375	-.083
20	274	.052	.059	.300	-.103
20	275	.046	.057	.330	-.093
20	276	.006	.045	.231	-.113
20	277	-.222	.060	.047	-.580
20	301	-.436	.111	-.151	-1.009
20	302	-.436	.100	-.154	-.885
20	303	-.415	.092	-.168	-.874
20	304	-.388	.080	-.178	-.818
20	305	-.419	.094	-.162	-.779
20	306	-.339	.080	-.122	-.821
20	307	-.322	.067	-.140	-.646
20	308	-.340	.067	-.127	-.677
20	309	-.310	.051	-.152	-.714
20	310	-.300	.047	-.162	-.641
20	311	-.277	.041	-.127	-.471
20	312	-.342	.058	-.181	-.801
20	313	-.319	.045	-.144	-.559
20	314	-.321	.044	-.170	-.496
20	315	-.307	.041	-.206	-.544
20	316	-.303	.041	-.152	-.501
20	317	-.298	.040	-.181	-.465
20	318	-.368	.055	-.217	-.605
20	319	-.358	.051	-.224	-.632
20	320	-.346	.053	-.235	-.636
20	321	-.347	.060	-.206	-.746
20	322	-.341	.061	-.193	-.677
20	323	-.331	.060	-.183	-.698
20	324	-.388	.063	-.208	-.787
20	325	-.371	.060	-.204	-.685
20	326	-.397	.080	-.216	-.739
20	327	-.420	.105	-.217	-1.000
20	328	-.398	.106	-.180	-1.003
20	329	-.392	.105	-.150	-.887
20	330	-.366	.065	-.173	-.788
20	331	-.351	.066	-.153	-.728
20	332	-.361	.079	-.160	-.803
20	333	-.436	.133	-.178	-.984
20	334	-.505	.214	-.175	-1.637
20	335	-.483	.185	-.160	-1.294
20	336	-.268	.056	-.100	-.681
20	337	-.261	.049	-.110	-.575
20	338	-.263	.053	-.090	-.673
20	339	-.283	.075	.011	-.740
20	340	-.348	.134	-.070	-1.299
20	341	-.411	.158	-.117	-1.585
20	342	-.223	.064	.117	-.644
20	343	-.215	.066	.056	-.550
20	344	-.246	.070	-.018	-.760
20	345	-.291	.070	-.056	-.577
20	346	-.324	.102	-.048	-.782
20	347	-.415	.187	.011	-1.482

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	348	-.351	.107	-.093	-.946	20	449	-.352	.083	-.151	-.779	20	812	-.147	.037	-.016	-.304
20	349	-.246	.051	-.085	-.451	20	450	-.307	.064	-.074	-.608	20	813	-.165	.043	-.034	-.376
20	401	-.478	.096	-.211	-1.021	20	451	-.286	.062	-.082	-.555	20	814	-.172	.040	-.037	-.400
20	402	-.491	.135	-.157	-1.125	20	452	-.297	.071	-.096	-.618	20	815	-.297	.053	-.128	-.495
20	403	-.484	.110	-.197	-.902	20	453	-.287	.068	-.126	-.655	20	816	-.327	.068	-.133	-.605
20	404	-.473	.100	-.206	-.961	20	454	-.353	.076	-.163	-.677	20	817	-.113	.046	.096	-.348
20	405	-.462	.139	-.061	-1.127	20	455	-.338	.068	-.163	-.672	20	818	-.105	.040	.132	-.304
20	406	-.369	.089	-.118	-1.045	20	456	-.310	.058	-.149	-.575	20	819	-.114	.036	.024	-.250
20	407	-.357	.084	-.107	-.916	20	457	-.274	.051	-.049	-.461	20	820	-.173	.047	-.011	-.459
20	408	-.362	.082	-.129	-.890	20	458	-.283	.051	-.146	-.491	20	821	-.174	.039	-.004	-.356
20	409	-.387	.103	-.158	-.944	20	459	-.277	.053	-.089	-.496	20	822	-.267	.054	-.106	-.570
20	410	-.375	.089	-.138	-.983	20	460	-.290	.071	-.079	-.714	20	823	-.309	.062	-.141	-.618
20	411	-.371	.097	-.032	-.946	20	461	-.255	.059	-.069	-.556	20	824	-.095	.052	.111	-.434
20	412	-.381	.109	-.073	-1.032	20	462	-.273	.048	-.098	-.458	20	825	-.069	.044	.147	-.311
20	413	-.360	.102	-.103	-.977	20	463	-.266	.045	-.068	-.511	20	826	-.259	.048	-.011	-.483
20	414	-.345	.070	-.137	-.831	20	464	-.273	.058	-.078	-.545	20	827	-.278	.049	-.125	-.476
20	415	-.350	.065	-.126	-.670	20	465	-.316	.053	-.128	-.503	20	828	-.919	.051	.234	-.172
20	416	-.357	.070	-.154	-.777	20	466	-.295	.054	-.138	-.610	20	829	-.249	.042	-.125	-.428
20	417	-.366	.075	-.180	-.768	20	467	-.252	.044	-.123	-.417	20	830	-.085	.063	.257	-.431
20	418	-.367	.071	-.155	-.895	20	468	-.191	.036	-.032	-.314	20	831	-.033	.055	.283	-.233
20	419	-.370	.068	-.087	-.806	20	469	-.154	.025	-.062	-.237	20	832	-.266	.049	-.085	-.464
20	420	-.387	.089	-.185	-1.009	20	470	-.169	.039	-.025	-.455	20	833	-.276	.053	-.120	-.483
20	421	-.381	.090	-.140	-.936	20	471	-.229	.060	-.009	-.548	20	834	-.039	.059	.175	-.346
20	422	-.361	.072	-.180	-1.245	20	472	-.360	.138	-.051	-1.064	20	835	.009	.085	.392	-.342
20	423	-.375	.070	-.129	-1.041	20	473	-.312	.053	-.160	-.630	20	836	-.055	.056	.181	-.341
20	424	-.383	.070	-.150	-.856	20	474	-.267	.051	-.109	-.450	20	837	-.243	.051	-.070	-.506
20	425	-.387	.074	-.120	-.893	20	475	-.243	.054	-.086	-.494	20	838	-.252	.041	-.127	-.407
20	426	-.392	.071	-.158	-.897	20	476	-.228	.048	-.060	-.427	20	839	-.270	.049	-.089	-.487
20	427	-.395	.067	-.206	-.838	20	477	-.167	.036	.022	-.361	20	840	-.284	.057	-.016	-.530
20	428	-.403	.078	-.203	-.816	20	478	-.147	.036	.026	-.270	20	841	-.040	.105	.447	-.518
20	429	-.399	.080	-.194	-.892	20	479	-.254	.049	-.095	-.592	20	842	-.259	.084	-.037	-.748
20	430	-.392	.084	-.119	-1.017	20	480	-.280	.055	-.114	-.571	20	843	-.336	.102	-.023	-.806
20	431	-.413	.082	-.181	-.864	20	481	-.253	.049	-.095	-.553	20	844	-.322	.076	-.116	-.796
20	432	-.416	.085	-.140	-1.258	20	482	-.224	.058	-.065	-.672	20	845	-.251	.054	-.090	-.478
20	433	-.426	.085	-.173	-.857	20	483	-.182	.036	-.058	-.319	20	846	-.265	.052	-.112	-.593
20	434	-.426	.080	-.222	-.843	20	484	-.143	.032	-.004	-.240	20	847	-.255	.050	-.083	-.455
20	435	-.427	.075	-.148	-.870	20	485	-.181	.029	-.069	-.305	20	848	-.253	.048	-.125	-.465
20	436	-.421	.083	-.142	-.980	20	486	-.231	.040	-.100	-.396	20	849	-.353	.155	.005	-1.173
20	437	-.423	.087	-.183	-.881	20	487	-.243	.045	-.076	-.438	20	850	-.301	.114	-.018	-.928
20	438	-.412	.096	-.164	-1.059	20	801	-.139	.046	.065	-.454	20	851	-.358	.115	-.058	-.785
20	439	-.449	.095	-.225	-.942	20	802	-.188	.065	-.007	-.610	20	852	-.308	.061	-.114	-.537
20	440	-.464	.105	-.214	-1.260	20	803	-.139	.044	.017	-.402	20	853	-.247	.055	-.090	-.532
20	441	-.455	.090	-.233	-.986	20	804	-.135	.033	-.011	-.307	20	854	-.241	.055	-.062	-.521
20	442	-.451	.100	-.199	-.834	20	805	-.161	.029	-.086	-.279	20	855	-.226	.041	-.061	-.432
20	443	-.414	.084	-.155	-.782	20	806	-.178	.036	-.081	-.376	20	856	-.295	.060	-.126	-.655
20	444	-.396	.085	-.156	-.854	20	807	-.280	.049	-.119	-.488	20	857	.064	.112	.519	-.441
20	445	-.344	.078	-.130	-.785	20	808	-.326	.069	-.160	-.616	20	858	-.290	.056	-.116	-.555
20	446	-.465	.158	-.159	-1.318	20	809	-.162	.051	.010	-.525	20	859	-.179	.037	-.023	-.298
20	447	-.351	.110	-.103	-1.054	20	810	-.151	.057	.106	-.404	20	901	-.378	.095	-.091	-1.057
20	448	-.368	.116	-.105	-1.884	20	811	-.140	.041	.001	-.311	20	902	-.386	.095	-.062	-.892

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	903	-.337	.128	.191	-.911
20	904	-.249	.138	.283	-.815
20	905	-.273	.160	.368	-.858
20	906	-.359	.211	.453	-1.383
20	907	-.295	.191	.389	-1.265
20	908	-.121	.200	.561	-.964
20	909	-.356	.085	-.105	-.828
20	910	-.374	.089	-.120	-.851
20	911	-.357	.087	-.069	-.860
20	912	-.249	.074	.044	-.566
20	913	-.246	.135	.174	-.962
20	914	-.350	.164	.170	-1.098
20	915	-.315	.133	.185	-.890
20	916	-.410	.139	.028	-1.057
20	917	-.383	.103	-.123	-1.073
20	918	-.419	.100	-.141	-1.004
20	919	-.278	.156	.129	-1.338
20	920	-.266	.179	.231	-1.128
20	921	-.356	.088	-.062	-.856
20	922	.014	.178	.642	-.502
20	923	.012	.159	.453	-.679
20	924	-.414	.135	-.096	-1.316
20	925	-.449	.105	-.180	-.980
20	926	-.253	.111	.078	-.785
20	927	-.287	.139	.163	-.936
20	928	-.504	.121	-.159	-1.197
20	929	-.542	.135	-.141	-1.130
20	930	-.070	.112	.270	-.473
20	931	-.411	.112	-.094	-1.223
20	932	-.428	.110	-.112	-.946
20	933	-.304	.078	-.068	-.643
20	934	-.310	.110	.044	-.747
20	935	-.430	.103	-.115	-.864
20	936	-.444	.101	-.215	-.885
20	937	-.314	.064	-.107	-.670
20	938	-.386	.107	.020	-.844
20	939	-.388	.105	.015	-.867
20	940	-.354	.071	-.143	-.715
20	941	-.353	.089	.014	-.741
20	942	-.368	.098	-.107	-1.011
20	943	-.356	.100	.029	-.820
20	944	-.372	.113	-.007	-.854
20	945	-.411	.113	-.032	-.946
20	946	-.402	.062	-.197	-.732
20	947	-.344	.061	-.161	-.766
20	948	-.320	.053	-.166	-.577
20	949	-.347	.063	-.099	-.657
20	950	-.376	.112	-.114	-1.212
20	951	-.348	.100	-.062	-.822
20	952	-.360	.106	-.076	-1.084
20	953	-.388	.111	-.079	-.807
20	954	-.321	.066	-.127	-.840
20	955	-.303	.057	-.128	-.755
20	956	-.298	.053	-.120	-.580
20	957	-.285	.051	-.117	-.541
20	958	-.351	.140	.004	-1.150
20	959	-.201	.112	.246	-.711
20	960	-.357	.100	-.094	-1.022
20	961	-.325	.084	.001	-.744
20	962	-.172	.085	.146	-.469
20	963	-.294	.061	-.087	-.535
20	964	-.315	.100	-.108	-1.254
20	965	-.186	.057	.051	-.376
20	966	-.267	.048	-.108	-.457
20	967	-.267	.044	-.125	-.443
20	968	-.243	.049	-.060	-.530
20	969	-.265	.051	-.101	-.466
20	970	-.259	.066	-.089	-.716
20	971	-.306	.106	.020	-.920
20	972	-.212	.051	-.011	-.578
20	973	-.269	.045	-.098	-.431
20	974	-.257	.062	-.108	-.542
20	975	-.196	.052	.015	-.549
20	976	-.220	.046	-.037	-.409
20	977	-.166	.042	-.032	-.445
20	978	-.214	.046	-.063	-.383
20	979	-.097	.066	.167	-.388
20	980	-.055	.047	.131	-.338
20	981	-.054	.056	.183	-.326
20	982	.003	.057	.238	-.293
20	983	-.141	.075	.069	-.665
20	984	-.086	.041	.069	-.337
20	985	-.077	.049	.173	-.379
20	986	-.048	.049	.107	-.287
30	101	-.234	.179	.693	-.788
30	102	-.137	.092	.233	-.422
30	103	.161	.132	.592	-.277
30	104	.399	.183	.926	-.438
30	105	-.178	.069	.046	-.478
30	106	.181	.159	.780	-.393
30	107	.089	.112	.457	-.307
30	108	.032	.110	.459	-.334
30	109	-.020	.095	.300	-.370
30	110	-.108	.080	.230	-.435
30	111	-.319	.062	-.067	-.555
30	112	.329	.203	.898	-.334
30	113	.296	.158	.795	-.270
30	114	.214	.133	.604	-.194
30	115	.108	.113	.520	-.237
30	116	-.025	.087	.315	-.323
30	117	-.240	.051	.032	-.454
30	118	.171	.218	.879	-.549
30	119	.154	.169	.632	-.503
30	120	.084	.130	.520	-.228
30	121	-.005	.104	.429	-.252
30	122	-.118	.072	.158	-.342
30	123	-.360	.052	-.148	-.550
30	124	-.044	.187	.594	-.702
30	125	-.008	.132	.507	-.729
30	126	-.054	.093	.399	-.260
30	127	-.106	.070	.213	-.302
30	128	-.185	.054	.076	-.395
30	129	-.358	.054	-.182	-.569
30	130	-.235	.161	.237	-1.179
30	131	-.139	.096	.387	-.638
30	132	-.131	.059	.262	-.345
30	133	-.164	.047	.063	-.315
30	134	-.216	.044	-.030	-.442
30	135	-.368	.064	-.207	-.674
30	136	-.174	.085	.075	-.589
30	137	-.121	.056	.053	-.493
30	138	-.127	.046	.058	-.379
30	139	-.157	.042	.011	-.360
30	140	-.223	.047	-.078	-.436
30	141	-.416	.100	-.169	-.930
30	142	-.163	.054	.033	-.498
30	143	-.137	.042	-.004	-.414
30	144	-.147	.041	-.011	-.421
30	145	-.154	.036	-.033	-.332
30	146	-.194	.037	-.070	-.352
30	147	-.349	.060	-.159	-.617
30	148	-.207	.069	.004	-.605
30	149	-.185	.063	-.016	-.476
30	150	-.175	.051	-.024	-.461
30	151	-.050	.153	.669	-.706
30	152	.060	.100	.464	-.362
30	153	-.095	.102	.226	-.835
30	154	-.178	.060	.058	-.399
30	155	-.204	.046	-.041	-.422
30	156	-.111	.051	.085	-.266
30	157	.014	.096	.404	-.318
30	158	-.128	.128	.785	-.508
30	159	.039	.101	.456	-.254
30	160	.045	.063	.308	-.127
30	161	.056	.062	.429	-.103
30	162	-.137	.048	.083	-.293
30	163	.033	.113	.345	-.219
30	164	.026	.095	.493	-.192
30	165	-.195	.076	.016	-.587
30	166	-.155	.072	.058	-.513

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	167	-.131	.060	.041	-.404	30	247	-.330	.104	.011	-1.010	30	320	-.357	.046	-.233	-.634
30	168	-.085	.056	.132	-.258	30	248	-.139	.063	.239	-.382	30	321	-.347	.049	-.197	-.643
30	169	-.273	.065	.004	-.575	30	249	-.046	.054	.307	-.211	30	322	-.343	.052	-.193	-.637
30	170	-.294	.064	-.043	-.560	30	250	-.020	.050	.181	-.258	30	323	-.339	.053	-.169	-.589
30	201	-.157	.072	.205	-.469	30	251	-.023	.046	.168	-.270	30	324	-.414	.061	-.216	-.760
30	202	.232	.188	.892	-.562	30	252	-.060	.053	.134	-.305	30	325	-.402	.061	-.223	-.727
30	203	.094	.109	.492	-.278	30	253	-.135	.089	.131	-.612	30	326	-.387	.066	-.212	-.839
30	204	-.205	.060	.029	-.431	30	254	-.562	.174	-.141	-1.336	30	327	-.375	.071	-.207	-.900
30	205	.299	.183	.865	-.852	30	255	-.303	.101	.112	-.814	30	328	-.360	.073	-.159	-.880
30	206	-.316	.051	-.140	-.740	30	256	-.089	.068	.154	-.355	30	329	-.348	.076	-.005	-.962
30	207	-.267	.050	-.035	-.438	30	257	-.032	.053	.307	-.221	30	330	-.459	.082	-.193	-.903
30	208	-.075	.079	.275	-.319	30	258	-.047	.040	.134	-.238	30	331	-.438	.079	-.205	-.934
30	209	.009	.092	.393	-.344	30	259	-.077	.050	.114	-.315	30	332	-.428	.084	-.162	-.975
30	210	.077	.099	.405	-.262	30	260	-.113	.059	.119	-.357	30	333	-.399	.092	-.197	-1.005
30	211	.150	.111	.535	-.244	30	261	-.209	.078	.164	-.565	30	334	-.362	.090	-.162	-.935
30	212	.157	.147	.592	-.474	30	262	-.062	.054	.148	-.324	30	335	-.349	.081	-.172	-.924
30	213	.283	.188	.920	-.624	30	263	.026	.065	.280	-.175	30	336	-.412	.131	-.002	-1.373
30	214	-.318	.048	-.177	-.626	30	264	-.031	.053	.270	-.200	30	337	-.429	.109	-.076	-1.146
30	215	-.228	.048	.066	-.422	30	265	-.245	.072	.046	-.705	30	338	-.460	.119	-.123	-1.116
30	216	-.023	.082	.346	-.257	30	266	-.242	.093	-.011	-.727	30	339	-.472	.144	-.069	-1.537
30	217	.110	.098	.478	-.183	30	267	-.276	.089	-.011	-.807	30	340	-.479	.191	-.131	-1.779
30	218	.183	.113	.592	-.196	30	268	-.251	.107	.196	-.795	30	341	-.442	.163	-.138	-1.606
30	219	.279	.132	.708	-.151	30	269	-.023	.074	.328	-.322	30	342	-.291	.124	.104	-1.126
30	220	.309	.164	.838	-.217	30	270	-.183	.057	.096	-.364	30	343	-.307	.127	.097	-1.042
30	221	.401	.199	.953	-.526	30	271	-.258	.068	-.008	-.521	30	344	-.421	.134	-.027	-1.084
30	222	-.338	.062	-.114	-.728	30	272	-.340	.123	.173	-.767	30	345	-.402	.099	-.188	-.985
30	223	-.286	.056	-.043	-.492	30	273	.073	.067	.489	-.093	30	346	-.443	.117	-.143	-1.022
30	224	-.055	.076	.473	-.280	30	274	.066	.066	.405	-.085	30	347	-.561	.183	-.212	-1.482
30	225	.074	.089	.450	-.215	30	275	.053	.056	.415	-.075	30	348	-.436	.139	-.070	-1.178
30	226	.155	.101	.556	-.145	30	276	.026	.053	.355	-.115	30	349	-.309	.075	-.130	-.747
30	227	.200	.122	.723	-.161	30	277	-.233	.075	.002	-.513	30	401	-.425	.087	-.157	-.886
30	228	.217	.163	.812	-.389	30	301	-.424	.105	-.130	-.982	30	402	-.478	.118	-.120	-1.028
30	229	.220	.236	.944	-.759	30	302	-.425	.091	-.181	-.840	30	403	-.444	.096	-.223	-.907
30	230	-.344	.084	-.134	-.809	30	303	-.419	.086	-.213	-.982	30	404	-.422	.085	-.203	-.924
30	231	-.284	.076	.105	-.661	30	304	-.383	.073	-.190	-.765	30	405	-.444	.107	-.194	-1.254
30	232	-.078	.086	.546	-.322	30	305	-.418	.080	-.192	-.801	30	406	-.331	.056	-.139	-.695
30	233	.032	.088	.419	-.248	30	306	-.358	.071	-.159	-.790	30	407	-.338	.055	-.107	-.548
30	234	.079	.087	.518	-.177	30	307	-.362	.064	-.190	-.673	30	408	-.341	.058	-.152	-.804
30	235	.100	.098	.546	-.212	30	308	-.373	.061	-.169	-.758	30	409	-.360	.066	-.163	-.781
30	236	.073	.128	.602	-.462	30	309	-.329	.052	-.187	-.740	30	410	-.373	.065	-.151	-.686
30	237	.006	.211	.634	-.967	30	310	-.323	.047	-.144	-.553	30	411	-.379	.079	-.138	-.779
30	238	-.347	.095	-.076	-.819	30	311	-.300	.042	-.144	-.623	30	412	-.390	.095	-.101	-.941
30	239	-.282	.087	.053	-.668	30	312	-.347	.051	-.198	-.698	30	413	-.368	.095	-.087	-.817
30	240	-.078	.090	.366	-.318	30	313	-.339	.046	-.193	-.537	30	414	-.326	.049	-.148	-.613
30	241	-.001	.075	.335	-.222	30	314	-.336	.041	-.200	-.604	30	415	-.339	.051	-.185	-.613
30	242	.041	.074	.388	-.165	30	315	-.331	.042	-.208	-.538	30	416	-.342	.048	-.162	-.524
30	243	.032	.068	.283	-.221	30	316	-.321	.043	-.192	-.545	30	417	-.356	.054	-.169	-.680
30	244	-.040	.089	.325	-.380	30	317	-.323	.041	-.197	-.515	30	418	-.371	.055	-.193	-.671
30	245	-.067	.124	.389	-.790	30	318	-.372	.051	-.198	-.693	30	419	-.371	.059	-.199	-.556
30	246	-.431	.156	-.037	-1.408	30	319	-.364	.046	-.238	-.588	30	420	-.388	.075	-.208	-1.147

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	421	-.375	.074	-.186	-.816
30	422	-.349	.048	-.175	-.606
30	423	-.365	.049	-.177	-.579
30	424	-.368	.049	-.191	-.550
30	425	-.386	.053	-.194	-.649
30	426	-.396	.053	-.201	-.661
30	427	-.404	.059	-.226	-.704
30	428	-.406	.067	-.199	-.731
30	429	-.407	.077	-.114	-.932
30	430	-.383	.065	-.170	-.838
30	431	-.413	.065	-.186	-.789
30	432	-.407	.060	-.183	-.676
30	433	-.422	.068	-.227	-.756
30	434	-.433	.074	-.235	-.839
30	435	-.435	.066	-.249	-.773
30	436	-.446	.079	-.193	-.814
30	437	-.432	.079	-.201	-.919
30	438	-.402	.085	-.181	-.784
30	439	-.427	.082	-.205	-1.100
30	440	-.441	.083	-.193	-1.602
30	441	-.463	.082	-.251	-1.105
30	442	-.466	.085	-.256	-1.004
30	443	-.463	.084	-.197	-.871
30	444	-.461	.088	-.180	-.838
30	445	-.439	.093	-.190	-1.032
30	446	-.477	.146	-.117	-1.217
30	447	-.482	.145	-.158	-1.626
30	448	-.497	.158	-.118	-1.680
30	449	-.495	.121	-.194	-1.524
30	450	-.436	.091	-.127	-.971
30	451	-.375	.080	-.055	-.730
30	452	-.384	.092	-.057	-.924
30	453	-.394	.107	-.097	-1.051
30	454	-.452	.096	-.202	-.884
30	455	-.395	.091	-.141	-.843
30	456	-.378	.077	-.137	-.842
30	457	-.339	.065	-.090	-.692
30	458	-.324	.060	-.065	-.533
30	459	-.294	.079	.055	-.585
30	460	-.291	.091	.057	-.710
30	461	-.296	.098	-.008	-.687
30	462	-.319	.076	-.070	-.600
30	463	-.302	.052	-.115	-.528
30	464	-.288	.078	.004	-.702
30	465	-.341	.053	-.182	-.593
30	466	-.320	.059	-.068	-.536
30	467	-.259	.053	.042	-.534
30	468	-.146	.043	.035	-.315
30	469	-.115	.031	-.002	-.249
30	470	-.156	.054	.026	-.641
30	471	-.262	.072	-.039	-.557
30	472	-.302	.103	-.018	-1.311
30	473	-.351	.058	-.196	-.620
30	474	-.277	.062	-.086	-.539
30	475	-.220	.061	-.039	-.513
30	476	-.181	.059	-.002	-.438
30	477	-.119	.038	.040	-.235
30	478	-.106	.039	.094	-.224
30	479	-.266	.059	-.102	-.536
30	480	-.284	.055	-.121	-.548
30	481	-.268	.062	.035	-.476
30	482	-.180	.075	.049	-.499
30	483	-.132	.041	.084	-.284
30	484	-.104	.038	.049	-.212
30	485	-.179	.039	-.044	-.424
30	486	-.238	.041	-.081	-.410
30	487	-.254	.050	-.100	-.469
30	801	-.147	.062	.072	-.362
30	802	-.189	.062	-.002	-.506
30	803	-.161	.059	-.007	-.512
30	804	-.156	.038	-.049	-.330
30	805	-.159	.030	-.068	-.313
30	806	-.187	.041	-.054	-.370
30	807	-.312	.056	-.163	-.563
30	808	-.415	.086	-.152	-.725
30	809	-.184	.059	-.015	-.486
30	810	-.182	.062	.081	-.530
30	811	-.159	.037	.005	-.538
30	812	-.155	.040	-.023	-.320
30	813	-.153	.042	-.035	-.405
30	814	-.180	.046	-.047	-.470
30	815	-.343	.067	-.154	-.629
30	816	-.406	.082	-.168	-.732
30	817	-.118	.053	.084	-.358
30	818	-.119	.053	.044	-.307
30	819	-.145	.053	.020	-.335
30	820	-.166	.051	-.027	-.404
30	821	-.175	.050	-.016	-.378
30	822	-.326	.070	-.122	-.642
30	823	-.392	.075	-.165	-.782
30	824	-.048	.042	.119	-.290
30	825	-.050	.046	.096	-.269
30	826	-.304	.060	-.111	-.571
30	827	-.334	.066	-.115	-.595
30	828	.004	.048	.290	-.153
30	829	-.278	.055	-.075	-.490
30	830	-.030	.051	.179	-.252
30	831	-.019	.058	.245	-.323
30	832	-.315	.064	-.113	-.614
30	833	-.326	.065	-.077	-.645
30	834	-.076	.076	.188	-.397
30	835	-.081	.102	.233	-.615
30	836	-.104	.104	.371	-.619
30	837	-.300	.084	-.077	-.742
30	838	-.300	.059	-.125	-.650
30	839	-.350	.074	-.132	-.680
30	840	-.355	.077	-.088	-.772
30	841	-.250	.167	.323	-.807
30	842	-.406	.123	-.091	-.969
30	843	-.445	.110	-.137	-.996
30	844	-.423	.114	-.128	-1.153
30	845	-.347	.088	-.116	-.858
30	846	-.373	.086	-.172	-.811
30	847	-.357	.081	-.100	-.716
30	848	-.360	.074	-.126	-.749
30	849	-.566	.173	-.039	-1.551
30	850	-.508	.140	-.033	-1.020
30	851	-.501	.125	-.125	-1.020
30	852	-.454	.086	-.243	-.804
30	853	-.393	.117	-.093	-1.202
30	854	-.358	.100	-.060	-.973
30	855	-.331	.083	-.040	-.783
30	856	-.359	.090	-.070	-.812
30	857	-.043	.124	.714	-.567
30	858	-.297	.055	-.084	-.571
30	859	-.131	.045	.078	-.278
30	901	-.335	.057	-.121	-.650
30	902	-.396	.072	-.116	-.757
30	903	-.350	.094	.073	-.693
30	904	-.285	.103	.163	-.772
30	905	-.311	.130	.220	-.774
30	906	-.406	.173	.171	-1.165
30	907	-.329	.144	.126	-1.113
30	908	-.074	.144	.441	-.721
30	909	-.336	.059	-.161	-.752
30	910	-.356	.062	-.163	-.616
30	911	-.354	.066	-.150	-.684
30	912	-.258	.056	-.063	-.454
30	913	-.261	.100	.090	-.778
30	914	-.372	.131	.012	-.959
30	915	-.342	.117	.096	-.943
30	916	-.438	.116	-.121	-1.013
30	917	-.354	.067	-.101	-.739
30	918	-.408	.072	-.179	-.876
30	919	-.359	.134	-.001	-1.012
30	920	-.352	.152	.103	-.927
30	921	-.294	.072	-.040	-.705
30	922	.098	.126	.482	-.312
30	923	.144	.110	.509	-.629
30	924	-.406	.113	-.095	-1.115

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	925	-.453	.088	-.175	-.948
30	926	-.296	.097	.112	-.688
30	927	-.358	.120	.033	-.920
30	928	-.456	.101	-.233	-.994
30	929	-.522	.107	-.193	-1.027
30	930	.043	.101	.401	-.323
30	931	-.427	.097	-.075	-.857
30	932	-.438	.093	-.130	-.852
30	933	-.324	.068	-.039	-.657
30	934	-.351	.090	-.012	-.746
30	935	-.432	.089	-.173	-.916
30	936	-.455	.097	-.165	-.935
30	937	-.308	.068	-.127	-.674
30	938	-.404	.091	-.024	-.816
30	939	-.406	.096	-.016	-.920
30	940	-.378	.060	-.159	-.857
30	941	-.412	.074	-.135	-.705
30	942	-.395	.086	-.112	-.820
30	943	-.386	.092	-.127	-1.035
30	944	-.413	.104	-.026	-.899
30	945	-.454	.095	-.163	-.876
30	946	-.429	.055	-.243	-.664
30	947	-.376	.062	-.188	-.661
30	948	-.346	.056	-.161	-.628
30	949	-.391	.064	-.168	-.672
30	950	-.402	.102	-.126	-.930
30	951	-.387	.105	-.046	-1.082
30	952	-.408	.103	-.075	-.992
30	953	-.440	.104	-.132	-.978
30	954	-.347	.073	-.150	-1.131
30	955	-.323	.055	-.163	-.561
30	956	-.317	.050	-.171	-.622
30	957	-.299	.045	-.167	-.561
30	958	-.361	.127	.180	-1.110
30	959	-.174	.095	.189	-.735
30	960	-.453	.152	-.083	-1.385
30	961	-.305	.129	.120	-.837
30	962	-.086	.087	.329	-.524
30	963	-.346	.092	-.036	-.761
30	964	-.446	.174	-.060	-1.411
30	965	-.119	.074	.151	-.439
30	966	-.291	.061	-.036	-.524
30	967	-.305	.054	-.121	-.669
30	968	-.238	.075	.040	-.633
30	969	-.313	.059	-.095	-.550
30	970	-.290	.103	.128	-.794
30	971	-.358	.124	.030	-.903
30	972	-.196	.058	.040	-.493
30	973	-.305	.054	-.076	-.557
30	974	-.272	.099	.123	-.832

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	975	-.159	.074	.075	-.657
30	976	-.210	.044	-.024	-.425
30	977	-.144	.054	-.064	-.427
30	978	-.230	.052	-.043	-.418
30	979	-.001	.062	.281	-.260
30	980	-.012	.047	.229	-.220
30	981	.016	.058	.371	-.201
30	982	.042	.070	.364	-.168
30	983	-.026	.056	.183	-.276
30	984	-.033	.041	.148	-.233
30	985	-.015	.046	.280	-.170
30	986	.005	.048	.271	-.143
40	101	-.029	.288	.605	-1.256
40	102	-.233	.076	.195	-.506
40	103	.007	.124	.377	-.405
40	104	.136	.255	.743	-1.062
40	105	-.240	.067	-.007	-.570
40	106	-.053	.201	.535	-.923
40	107	-.013	.117	.355	-.759
40	108	-.041	.102	.330	-.418
40	109	-.107	.088	.228	-.451
40	110	-.171	.067	.064	-.447
40	111	-.340	.050	-.166	-.514
40	112	.026	.283	.739	-1.309
40	113	.116	.187	.635	-.908
40	114	.064	.123	.460	-.250
40	115	.004	.107	.404	-.271
40	116	-.089	.081	.299	-.351
40	117	-.266	.046	-.069	-.420
40	118	-.057	.284	.710	-1.219
40	119	.003	.189	.533	-.935
40	120	.003	.115	.467	-.538
40	121	-.046	.097	.355	-.356
40	122	-.142	.076	.130	-.353
40	123	-.363	.045	-.204	-.524
40	124	-.228	.254	.444	-1.240
40	125	-.101	.161	.409	-.962
40	126	-.078	.087	.338	-.507
40	127	-.117	.066	.176	-.326
40	128	-.201	.057	.060	-.389
40	129	-.356	.050	-.108	-.547
40	130	-.322	.179	.230	-1.124
40	131	-.189	.128	.180	-1.055
40	132	-.135	.053	.049	-.561
40	133	-.158	.041	.087	-.312
40	134	-.215	.041	-.025	-.366
40	135	-.368	.062	-.183	-.665
40	136	-.247	.130	.049	-.946
40	137	-.173	.103	.011	-.884
40	138	-.137	.044	.029	-.439

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	139	-.160	.037	-.031	-.357
40	140	-.229	.043	-.071	-.459
40	141	-.420	.090	-.195	-.879
40	142	-.196	.072	-.031	-.531
40	143	-.154	.058	-.011	-.601
40	144	-.154	.047	-.018	-.439
40	145	-.156	.040	-.026	-.342
40	146	-.193	.046	-.063	-.367
40	147	-.368	.071	-.143	-.675
40	148	-.182	.056	-.035	-.450
40	149	-.148	.050	-.010	-.465
40	150	-.143	.043	-.001	-.368
40	151	-.033	.136	.613	-.517
40	152	.124	.120	.616	-.266
40	153	-.163	.158	.308	-1.066
40	154	-.162	.054	.062	-.410
40	155	-.190	.050	.012	-.386
40	156	-.086	.060	.228	-.321
40	157	.009	.110	.551	-.319
40	158	-.138	.096	.357	-.443
40	159	-.005	.104	.509	-.311
40	160	.066	.069	.308	-.140
40	161	.102	.085	.583	-.130
40	162	-.129	.048	.096	-.289
40	163	.011	.105	.563	-.249
40	164	.009	.095	.501	-.237
40	165	-.145	.075	.074	-.485
40	166	-.105	.064	.062	-.433
40	167	-.065	.055	.141	-.299
40	168	-.033	.059	.201	-.239
40	169	-.322	.084	-.013	-.741
40	170	-.329	.073	.022	-.669
40	201	-.113	.132	.451	-.741
40	202	.309	.210	.950	-.523
40	203	.076	.190	.560	-.750
40	204	-.265	.094	.156	-.804
40	205	.271	.245	.890	-.779
40	206	-.342	.066	-.142	-.778
40	207	-.240	.085	.113	-.521
40	208	-.023	.125	.403	-.451
40	209	.967	.137	.529	-.367
40	210	.127	.154	.682	-.282
40	211	.198	.166	.814	-.319
40	212	.216	.211	.868	-.547
40	213	.091	.290	.948	-.961
40	214	-.329	.057	-.145	-.895
40	215	-.196	.081	.214	-.456
40	216	.082	.140	.613	-.333
40	217	.209	.162	.837	-.235
40	218	.273	164	836	-.188

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	219	.316	.164	.926	-.157
40	220	.290	.196	1.024	-.344
40	221	.131	.358	1.004	-1.331
40	222	-.343	.065	-.059	-.733
40	223	-.258	.081	.047	-.574
40	224	.050	.132	.511	-.293
40	225	.202	.155	.770	-.141
40	226	.241	.142	.869	-.109
40	227	.244	.131	.763	-.100
40	228	.172	.175	.810	-.509
40	229	-.004	.352	.936	-1.331
40	230	-.348	.078	-.077	-.884
40	231	-.254	.085	.036	-.665
40	232	.029	.133	.557	-.380
40	233	.156	.149	.755	-.166
40	234	.195	.139	.810	-.163
40	235	.195	.117	.810	-.058
40	236	.070	.139	.593	-.542
40	237	-.194	.326	.761	-1.403
40	238	-.368	.096	-.088	-.819
40	239	-.287	.090	.119	-.700
40	240	-.010	.113	.444	-.352
40	241	.112	.107	.527	-.146
40	242	.136	.115	.592	-.124
40	243	.123	.104	.612	-.196
40	244	-.021	.106	.463	-.588
40	245	-.231	.221	.377	-1.307
40	246	-.481	.130	-.149	-1.290
40	247	-.299	.096	-.003	-.732
40	248	-.069	.097	.347	-.394
40	249	.025	.092	.565	-.213
40	250	.049	.078	.490	-.173
40	251	.019	.060	.268	-.183
40	252	-.087	.074	.136	-.389
40	253	-.269	.156	.121	-1.021
40	254	-.635	.164	-.208	-1.310
40	255	-.341	.104	.144	-.685
40	256	-.082	.101	.375	-.520
40	257	-.013	.073	.325	-.273
40	258	-.034	.059	.275	-.243
40	259	-.091	.059	.151	-.350
40	260	-.136	.066	.071	-.448
40	261	-.196	.076	.094	-.512
40	262	-.057	.069	.213	-.367
40	263	.008	.067	.325	-.222
40	264	-.046	.050	.218	-.244
40	265	-.206	.064	-.047	-.631
40	266	-.177	.092	.146	-.709
40	267	-.225	.086	.026	-.591
40	268	-.211	.095	.308	-.619
40	269	-.033	.106	.410	-.449
40	270	-.134	.059	.183	-.419
40	271	-.189	.081	.021	-.489
40	272	-.269	.104	.148	-.776
40	273	.137	.087	.495	-.064
40	274	.117	.084	.513	-.079
40	275	.106	.076	.503	-.062
40	276	.086	.078	.520	-.112
40	277	-.236	.095	.126	-.761
40	301	-.466	.131	-.104	-1.077
40	302	-.505	.116	-.177	-1.100
40	303	-.490	.125	-.159	-.953
40	304	-.411	.095	-.151	-1.071
40	305	-.479	.111	-.212	-1.020
40	306	-.364	.083	-.127	-.939
40	307	-.363	.081	-.079	-.749
40	308	-.376	.079	-.130	-.765
40	309	-.363	.078	-.197	-.966
40	310	-.340	.057	-.166	-.625
40	311	-.335	.056	-.142	-.675
40	312	-.350	.056	-.195	-.661
40	313	-.345	.048	-.192	-.561
40	314	-.352	.045	-.226	-.527
40	315	-.342	.048	-.215	-.623
40	316	-.341	.049	-.179	-.564
40	317	-.334	.049	-.185	-.685
40	318	-.374	.048	-.221	-.561
40	319	-.368	.046	-.231	-.607
40	320	-.360	.046	-.223	-.576
40	321	-.354	.054	-.190	-.725
40	322	-.348	.055	-.169	-.594
40	323	-.346	.054	-.161	-.633
40	324	-.418	.068	-.199	-.796
40	325	-.405	.061	-.239	-.739
40	326	-.387	.056	-.225	-.682
40	327	-.374	.068	-.205	-.922
40	328	-.365	.073	-.115	-.997
40	329	-.355	.070	-.127	-.780
40	330	-.488	.092	-.236	-.916
40	331	-.462	.076	-.246	-.757
40	332	-.448	.080	-.265	-.939
40	333	-.413	.083	-.200	-.983
40	334	-.388	.084	-.148	-.767
40	335	-.360	.071	-.174	-.662
40	336	-.478	.140	-.139	-1.167
40	337	-.483	.109	-.076	-1.060
40	338	-.522	.122	-.169	-1.195
40	339	-.518	.122	-.236	-1.083
40	340	-.504	.126	-.176	-1.202
40	341	-.479	.123	-.134	-1.282
40	342	-.324	.156	.133	-1.120
40	343	-.386	.157	.195	-1.150
40	344	-.473	.140	-.049	-1.484
40	345	-.500	.127	-.119	-1.280
40	346	-.494	.119	-.191	-1.020
40	347	-.580	.162	-.211	-1.561
40	348	-.493	.146	-.117	-1.411
40	349	-.341	.083	-.082	-.719
40	401	-.430	.087	-.171	-.776
40	402	-.479	.125	-.150	-1.249
40	403	-.454	.098	-.204	-.824
40	404	-.433	.091	-.199	-.856
40	405	-.451	.119	-.179	-1.080
40	406	-.337	.051	-.165	-.556
40	407	-.331	.051	-.168	-.522
40	408	-.339	.051	-.165	-.644
40	409	-.352	.058	-.167	-.676
40	410	-.373	.074	-.140	-.923
40	411	-.368	.090	-.136	-1.251
40	412	-.377	.107	-.107	-1.098
40	413	-.371	.105	-.092	-1.637
40	414	-.334	.046	-.166	-.543
40	415	-.330	.044	-.182	-.516
40	416	-.341	.046	-.182	-.516
40	417	-.347	.047	-.214	-.528
40	418	-.358	.052	-.197	-.652
40	419	-.362	.059	-.210	-.853
40	420	-.359	.066	-.156	-.956
40	421	-.359	.064	-.173	-.693
40	422	-.355	.048	-.184	-.610
40	423	-.352	.045	-.171	-.622
40	424	-.360	.044	-.220	-.517
40	425	-.369	.046	-.229	-.615
40	426	-.373	.045	-.241	-.576
40	427	-.381	.051	-.246	-.783
40	428	-.386	.057	-.187	-.700
40	429	-.391	.065	-.143	-.725
40	430	-.374	.058	-.155	-.619
40	431	-.379	.057	-.179	-.625
40	432	-.384	.056	-.196	-.631
40	433	-.391	.058	-.221	-.712
40	434	-.414	.062	-.207	-.894
40	435	-.413	.062	-.177	-.706
40	436	-.412	.069	-.169	-.764
40	437	-.427	.075	-.185	-.820
40	438	-.392	.081	-.135	-.873
40	439	-.402	.081	-.184	-.914
40	440	-.414	.075	-.188	-.833
40	441	-.435	.068	-.199	-.808
40	442	-.449	.081	-.193	-.814

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	443	-.433	.074	-.194	-.740
40	444	-.443	.078	-.188	-.764
40	445	-.485	.107	-.196	-1.222
40	446	-.469	.124	-.148	-1.280
40	447	-.482	.140	-.161	-1.392
40	448	-.516	.150	-.226	-1.484
40	449	-.516	.105	-.199	-1.161
40	450	-.422	.086	-.061	-.850
40	451	-.378	.082	-.003	-.683
40	452	-.391	.089	-.086	-.820
40	453	-.438	.122	-.131	-1.189
40	454	-.468	.107	-.186	-.916
40	455	-.429	.111	-.173	-1.021
40	456	-.382	.081	-.134	-.795
40	457	-.339	.067	-.156	-.655
40	458	-.347	.080	-.041	-.665
40	459	-.293	.092	.122	-.690
40	460	-.308	.118	.044	-.870
40	461	-.304	.116	.004	-.934
40	462	-.352	.075	-.099	-.694
40	463	-.315	.067	-.067	-.606
40	464	-.323	.102	.033	-.876
40	465	-.385	.064	-.194	-.734
40	466	-.361	.068	-.114	-.709
40	467	-.273	.061	-.029	-.500
40	468	-.131	.041	.051	-.275
40	469	-.106	.030	.046	-.228
40	470	-.163	.054	.037	-.413
40	471	-.261	.071	-.012	-.653
40	472	-.292	.080	-.080	-1.023
40	473	-.392	.071	-.202	-.686
40	474	-.289	.070	-.085	-.620
40	475	-.202	.057	-.031	-.526
40	476	-.166	.055	.011	-.430
40	477	-.116	.038	.032	-.223
40	478	-.099	.040	.121	-.231
40	479	-.259	.051	-.125	-.507
40	480	-.311	.066	-.080	-.594
40	481	-.269	.075	.100	-.599
40	482	-.167	.065	.035	-.587
40	483	-.124	.040	.067	-.280
40	484	-.097	.038	.081	-.207
40	185	-.181	.043	-.034	-.399
40	186	-.231	.041	-.092	-.376
40	487	-.243	.047	-.097	-.458
40	801	-.184	.061	.038	-.510
40	802	-.168	.056	-.019	-.486
40	803	-.173	.067	.019	-.605
40	804	-.162	.047	-.040	-.372
40	805	-.155	.038	-.073	-.417
40	806	-.177	.044	-.054	-.433
40	807	-.315	.062	-.158	-.582
40	808	-.436	.096	-.174	-.925
40	809	-.167	.057	-.007	-.455
40	810	-.158	.054	.031	-.448
40	811	-.181	.062	-.017	-.544
40	812	-.165	.050	-.036	-.417
40	813	-.152	.030	-.033	-.440
40	814	-.170	.056	-.028	-.457
40	815	-.342	.076	-.153	-.723
40	816	-.418	.093	-.163	-.900
40	817	-.140	.060	.026	-.480
40	818	-.136	.056	.034	-.429
40	819	-.162	.061	-.092	-.441
40	820	-.158	.057	.005	-.589
40	821	-.149	.058	.106	-.429
40	822	-.339	.069	-.128	-.644
40	823	-.437	.092	-.202	-.882
40	824	-.043	.060	.213	-.321
40	825	-.055	.060	.256	-.319
40	826	-.309	.069	-.118	-.613
40	827	-.346	.076	-.144	-.675
40	828	.028	.069	.406	-.183
40	829	-.271	.060	-.094	-.517
40	830	-.020	.072	.380	-.283
40	831	-.026	.081	.330	-.402
40	832	-.328	.067	-.089	-.651
40	833	-.352	.077	-.106	-.870
40	834	-.133	.108	.249	-.524
40	835	-.156	.121	.318	-.772
40	836	-.168	.133	.190	-.758
40	837	-.354	.098	-.061	-.792
40	838	-.339	.079	-.137	-.727
40	839	-.378	.096	-.147	-.847
40	840	-.385	.099	-.108	-.870
40	841	-.369	.203	.609	-1.170
40	842	-.484	.128	-.163	-1.224
40	843	-.500	.118	-.177	-1.042
40	844	-.481	.127	-.151	-1.030
40	845	-.447	.130	-.153	-1.291
40	846	-.420	.110	-.113	-1.108
40	847	-.394	.099	-.134	-.883
40	848	-.421	.107	-.153	-.972
40	849	-.588	.154	-.188	-1.350
40	850	-.562	.144	-.226	-1.238
40	851	-.554	.134	-.245	-1.247
40	852	-.518	.089	-.290	-.872
40	853	-.468	.122	-.186	-.938
40	854	-.418	.130	-.045	-1.011
40	855	-.397	.114	-.059	-1.088
40	856	-.382	.119	-.044	-1.199
40	857	-.058	.124	.424	-.470
40	858	-.327	.061	-.137	-.589
40	859	-.123	.043	.033	-.299
40	901	-.329	.050	-.181	-.574
40	902	-.404	.067	-.152	-.692
40	903	-.383	.092	-.035	-.708
40	904	-.322	.104	.057	-.769
40	905	-.292	.137	.105	-.871
40	906	-.319	.174	.120	-1.110
40	907	-.319	.157	.201	-1.118
40	908	-.169	.212	.467	-1.378
40	909	-.339	.053	-.146	-.598
40	910	-.357	.054	-.116	-.637
40	911	-.374	.068	-.140	-.941
40	912	-.303	.056	-.139	-.574
40	913	-.260	.105	.032	-.690
40	914	-.300	.135	.970	-1.049
40	915	-.360	.174	.245	-1.254
40	916	-.433	.137	.022	-1.106
40	917	-.342	.055	-.150	-.539
40	918	-.387	.061	-.210	-.697
40	919	-.465	.183	.063	-1.539
40	920	-.467	.217	.341	-1.528
40	921	-.324	.065	-.116	-.660
40	922	-.016	.127	.392	-.453
40	923	.046	.174	.423	-.836
40	924	-.375	.080	-.147	-.916
40	925	-.441	.089	-.179	-.876
40	926	-.349	.144	.193	-1.415
40	927	-.403	.153	.183	-1.095
40	928	-.463	.104	-.185	-1.014
40	929	-.594	.143	-.071	-1.248
40	930	.014	.179	.582	-.698
40	931	-.433	.109	-.156	-1.002
40	932	-.439	.105	-.140	-.939
40	933	-.338	.102	.053	-.788
40	934	-.376	.130	.036	-.903
40	935	-.438	.109	-.156	-.897
40	936	-.503	.138	-.171	-1.126
40	937	-.388	.105	-.034	-.840
40	938	-.409	.118	-.114	-1.053
40	939	-.403	.113	-.111	-.935
40	940	-.400	.096	-.058	-.842
40	941	-.446	.120	-.016	-.999
40	942	-.395	.100	-.162	-1.003
40	943	-.381	.102	-.024	-.903
40	944	-.391	.108	-.004	-.975
40	945	-.433	.115	-.099	-1.023
40	946	-.448	.068	-.262	-.892

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	947	-.404	.077	-.164	-.807
40	948	-.365	.072	-.143	-.877
40	949	-.414	.080	-.164	-.811
40	950	-.386	.109	-.086	-1.070
40	951	-.381	.109	-.075	-.888
40	952	-.389	.107	-.056	-.895
40	953	-.417	.123	-.077	-.976
40	954	-.384	.106	-.072	-1.290
40	955	-.347	.071	-.142	-.799
40	956	-.340	.068	-.072	-.887
40	957	-.339	.065	-.156	-.813
40	958	-.353	.128	.049	-1.254
40	959	-.174	.095	.133	-.632
40	960	-.453	.150	-.103	-1.319
40	961	-.286	.139	.142	-.940
40	962	-.095	.084	.235	-.389
40	963	-.400	.108	.037	-.811
40	964	-.447	.153	-.048	-2.076
40	965	-.112	.068	.168	-.349
40	966	-.318	.072	-.017	-.613
40	967	-.338	.066	-.137	-.716
40	968	-.221	.074	.076	-.558
40	969	-.340	.068	-.153	-.604
40	970	-.310	.121	.087	-.880
40	971	-.350	.118	.073	-.823
40	972	-.194	.063	.059	-.527
40	973	-.336	.065	-.134	-.623
40	974	-.250	.110	.121	-1.044
40	975	-.151	.072	.135	-.594
40	976	-.207	.045	-.017	-.382
40	977	-.146	.060	.068	-.506
40	978	-.229	.053	-.020	-.437
40	979	-.005	.062	.266	-.295
40	980	.008	.074	.477	-.247
40	981	.045	.090	.720	-.192
40	982	.081	.090	.558	-.235
40	983	-.004	.067	.294	-.286
40	984	-.010	.069	.373	-.307
40	985	.017	.067	.437	-.317
40	986	.068	.077	.466	-.133
50	101	-.413	.275	.409	-1.288
50	102	-.285	.061	-.085	-.630
50	103	-.094	.091	.237	-.492
50	104	-.046	.234	.506	-1.023
50	105	-.263	.055	-.002	-.639
50	106	-.413	.184	.214	-1.216
50	107	-.140	.090	.354	-.773
50	108	-.140	.081	.142	-.427
50	109	-.170	.067	.089	-.460
50	110	-.217	.058	.025	-.479
50	111	-.364	.048	-.216	-.551
50	112	-.409	.224	.373	-1.122
50	113	-.108	.184	.318	-1.070
50	114	-.073	.072	.227	-.427
50	115	-.110	.063	.177	-.292
50	116	-.172	.053	.042	-.306
50	117	-.297	.042	-.154	-.460
50	118	-.491	.208	.320	-1.141
50	119	-.248	.223	.327	-1.075
50	120	-.112	.072	.225	-.660
50	121	-.145	.052	.117	-.285
50	122	-.220	.043	.025	-.354
50	123	-.374	.047	-.233	-.539
50	124	-.511	.187	.117	-1.202
50	125	-.273	.200	.144	-1.183
50	126	-.149	.062	.096	-.660
50	127	-.167	.040	.085	-.323
50	128	-.231	.040	-.015	-.364
50	129	-.359	.052	-.152	-.650
50	130	-.494	.167	.010	-1.302
50	131	-.252	.163	.089	-1.147
50	132	-.151	.052	-.006	-.594
50	133	-.163	.035	.008	-.317
50	134	-.218	.039	-.091	-.349
50	135	-.354	.058	-.176	-.581
50	136	-.363	.139	-.043	-1.110
50	137	-.232	.135	.024	-.870
50	138	-.147	.050	-.001	-.575
50	139	-.155	.037	-.026	-.335
50	140	-.222	.048	-.058	-.450
50	141	-.416	.106	-.136	-.950
50	142	-.194	.068	-.033	-.533
50	143	-.171	.062	-.006	-.560
50	144	-.156	.044	-.033	-.403
50	145	-.142	.038	-.016	-.353
50	146	-.165	.038	-.048	-.438
50	147	-.342	.074	-.188	-.735
50	148	-.161	.042	-.023	-.379
50	149	-.135	.035	-.003	-.281
50	150	-.123	.036	.062	-.319
50	151	-.080	.117	.519	-.540
50	152	.138	.131	.659	-.321
50	153	-.321	.156	.143	-1.337
50	154	-.146	.038	-.003	-.336
50	155	-.187	.052	-.000	-.397
50	156	-.083	.068	.200	-.387
50	157	-.074	.092	.306	-.372
50	158	-.140	.078	.419	-.394
50	159	-.095	.073	.266	-.334
50	160	.080	.091	.469	-.161
50	161	.132	.105	.624	-.136
50	162	-.135	.046	.067	-.336
50	163	-.050	.062	.296	-.234
50	164	-.046	.060	.366	-.214
50	165	-.131	.070	.125	-.512
50	166	-.085	.049	.082	-.316
50	167	-.055	.055	.218	-.301
50	168	-.008	.052	.235	-.214
50	169	-.321	.083	-.045	-.838
50	170	-.322	.078	-.018	-.745
50	201	-.130	.154	.582	-.639
50	202	.424	.211	1.118	-.566
50	203	-.054	.236	.615	-.756
50	204	-.308	.086	.005	-.657
50	205	.075	.282	.897	-.716
50	206	-.339	.057	-.144	-.695
50	207	-.204	.064	.018	-.481
50	208	.069	.095	.421	-.326
50	209	.163	.110	.582	-.195
50	210	.244	.120	.637	-.190
50	211	.295	.147	.774	-.224
50	212	.263	.169	.810	-.431
50	213	-.160	.263	.776	-1.251
50	214	-.336	.051	-.174	-.576
50	215	-.149	.062	.114	-.387
50	216	.193	.111	.575	-.185
50	217	.349	.131	.770	-.212
50	218	.429	.144	1.101	-.087
50	219	.487	.158	.982	-.011
50	220	.331	.173	.935	-.555
50	221	-.260	.321	.774	-1.297
50	222	-.350	.053	-.161	-.607
50	223	-.240	.059	.007	-.465
50	224	.151	.105	.539	-.226
50	225	.345	.138	.761	-.075
50	226	.419	.153	.982	-.074
50	227	.442	.158	1.022	-.044
50	228	.196	.155	.792	-.359
50	229	-.451	.322	.693	-1.353
50	230	-.375	.071	-.128	-.646
50	231	-.267	.067	-.052	-.542
50	232	.091	.107	.498	-.221
50	233	.259	.131	.728	-.064
50	234	.358	.144	.840	-.037
50	235	.354	.140	.862	-.033
50	236	.124	.148	.697	-.395
50	237	-.447	.258	.379	-1.325
50	238	-.448	.109	-.150	-.981
50	239	-.348	.089	-.007	-.702
50	240	.009	.095	.421	-.279

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	241	.173	.108	.583	-.129
50	242	.219	.121	.770	-.086
50	243	.214	.124	.846	-.132
50	244	.006	.124	.504	-.417
50	245	-.406	.222	.276	-1.342
50	246	-.552	.115	-.226	-1.039
50	247	-.351	.080	-.031	-.633
50	248	-.064	.083	.244	-.355
50	249	.057	.091	.443	-.193
50	250	.086	.091	.460	-.138
50	251	.049	.077	.463	-.196
50	252	-.091	.075	.200	-.416
50	253	-.361	.157	.020	-1.011
50	254	-.628	.141	-.193	-1.244
50	255	-.363	.089	-.067	-.668
50	256	-.171	.076	.092	-.476
50	257	-.052	.059	.192	-.276
50	258	-.044	.054	.267	-.258
50	259	-.115	.045	.062	-.293
50	260	-.164	.059	.062	-.431
50	261	-.214	.064	-.012	-.565
50	262	-.117	.066	.236	-.427
50	263	-.010	.067	.329	-.236
50	264	-.048	.055	.173	-.238
50	265	-.195	.046	-.067	-.448
50	266	-.117	.061	.145	-.551
50	267	-.148	.060	.059	-.531
50	268	-.193	.067	.125	-.495
50	269	-.147	.110	.248	-.563
50	270	-.101	.042	.077	-.266
50	271	-.124	.048	.054	-.311
50	272	-.200	.079	.014	-.700
50	273	.184	.115	.735	-.084
50	274	.164	.121	.712	-.092
50	275	.132	.091	.563	-.077
50	276	.108	.096	.551	-.120
50	277	-.259	.115	.147	-.775
50	301	-.418	.126	-.119	-1.110
50	302	-.491	.122	-.181	-1.033
50	303	-.423	.127	-.133	-.951
50	304	-.378	.085	-.100	-.946
50	305	-.446	.121	-.193	-1.018
50	306	-.377	.062	-.136	-.904
50	307	-.373	.080	-.119	-1.010
50	308	-.367	.073	-.114	-.799
50	309	-.364	.064	-.192	-.824
50	310	-.341	.052	-.167	-.641
50	311	-.333	.048	-.192	-.683
50	312	-.362	.060	-.188	-.717
50	313	-.351	.045	-.210	-.631
50	314	-.349	.045	-.208	-.539
50	315	-.347	.045	-.207	-.546
50	316	-.339	.045	-.152	-.541
50	317	-.338	.043	-.198	-.544
50	318	-.395	.060	-.216	-.705
50	319	-.381	.052	-.243	-.865
50	320	-.372	.047	-.223	-.608
50	321	-.360	.049	-.223	-.559
50	322	-.355	.050	-.203	-.565
50	323	-.352	.048	-.172	-.575
50	324	-.457	.085	-.253	-1.008
50	325	-.433	.066	-.258	-.774
50	326	-.415	.066	-.238	-.671
50	327	-.399	.071	-.215	-.844
50	328	-.391	.071	-.192	-.895
50	329	-.376	.070	-.086	-.628
50	330	-.581	.117	-.246	-1.189
50	331	-.528	.094	-.253	-1.020
50	332	-.516	.097	-.180	-1.058
50	333	-.490	.102	-.220	-1.006
50	334	-.462	.096	-.198	-.889
50	335	-.435	.092	-.167	-.821
50	336	-.546	.144	-.086	-1.276
50	337	-.535	.116	-.129	-1.226
50	338	-.549	.114	-.244	-1.071
50	339	-.565	.123	-.294	-1.214
50	340	-.561	.110	-.219	-1.104
50	341	-.537	.102	-.256	-1.026
50	342	-.375	.159	.096	-1.181
50	343	-.407	.150	.081	-1.169
50	344	-.491	.135	-.016	-1.144
50	345	-.507	.135	-.156	-1.351
50	346	-.498	.118	-.034	-1.106
50	347	-.577	.145	-.279	-1.266
50	348	-.511	.132	-.160	-1.264
50	349	-.394	.094	-.112	-.808
50	401	-.411	.084	-.166	-.931
50	402	-.459	.117	-.166	-1.141
50	403	-.420	.083	-.177	-.774
50	404	-.399	.087	-.177	-.956
50	405	-.429	.096	-.192	-.982
50	406	-.318	.047	-.157	-.505
50	407	-.335	.049	-.177	-.568
50	408	-.344	.057	-.181	-.725
50	409	-.348	.053	-.205	-.587
50	410	-.361	.064	-.185	-.767
50	411	-.353	.080	-.108	-.950
50	412	-.364	.091	-.104	-.872
50	413	-.363	.094	-.101	-.997
50	414	-.323	.045	-.177	-.541
50	415	-.333	.044	-.188	-.540
50	416	-.335	.042	-.214	-.518
50	417	-.346	.044	-.205	-.520
50	418	-.358	.049	-.216	-.628
50	419	-.358	.054	-.195	-.746
50	420	-.362	.062	-.172	-.794
50	421	-.368	.065	-.178	-.779
50	422	-.346	.049	-.201	-.573
50	423	-.354	.048	-.191	-.555
50	424	-.357	.045	-.203	-.559
50	425	-.367	.048	-.225	-.562
50	426	-.375	.048	-.207	-.590
50	427	-.389	.054	-.212	-.597
50	428	-.390	.060	-.206	-.663
50	429	-.396	.071	-.173	-.849
50	430	-.349	.052	-.145	-.579
50	431	-.363	.056	-.195	-.617
50	432	-.377	.057	-.223	-.647
50	433	-.401	.063	-.206	-.756
50	434	-.404	.066	-.234	-.792
50	435	-.403	.066	-.196	-.735
50	436	-.419	.071	-.174	-.784
50	437	-.463	.095	-.221	-.903
50	438	-.369	.077	-.138	-.859
50	439	-.382	.079	-.165	-.901
50	440	-.402	.073	-.193	-.825
50	441	-.440	.077	-.269	-.846
50	442	-.440	.077	-.225	-.767
50	443	-.419	.079	-.168	-.791
50	444	-.450	.089	-.141	-.951
50	445	-.536	.130	-.239	-1.154
50	446	-.474	.159	-.113	-1.32[illegible]
50	447	-.484	.157	-.126	-1.472
50	448	-.530	.159	-.201	-1.402
50	449	-.516	.111	-.157	-1.243
50	450	-.417	.100	-.054	-.969
50	451	-.362	.099	.001	-.743
50	452	-.407	.098	-.042	-.811
50	453	-.517	.144	-.112	-1.379
50	454	-.444	.106	-.195	-1.030
50	455	-.358	.095	-.141	-.906
50	456	-.384	.098	-.167	-.823
50	457	-.342	.079	-.157	-.710
50	458	-.296	.090	-.059	-.708
50	459	-.282	.108	.056	-.768
50	460	-.326	.138	.097	-.992
50	461	-.344	.134	.107	-1.282
50	462	-.339	.090	-.082	-.690
50	463	-.302	.076	-.120	-.586
50	464	-.375	.119	.039	-1.022

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	465	-.356	.073	-.168	-.662
50	466	-.324	.082	-.092	-.695
50	467	-.221	.063	.049	-.488
50	468	-.145	.039	.037	-.313
50	469	-.122	.025	-.039	-.204
50	470	-.185	.046	-.027	-.403
50	471	-.222	.058	-.020	-.541
50	472	-.259	.085	-.034	-1.068
50	473	-.338	.077	-.162	-.862
50	474	-.306	.070	-.084	-.687
50	475	-.191	.053	-.008	-.422
50	476	-.163	.050	.044	-.453
50	477	-.132	.036	-.001	-.237
50	478	-.118	.037	.046	-.231
50	479	-.235	.039	-.103	-.460
50	480	-.320	.073	.072	-.716
50	481	-.281	.068	.006	-.581
50	482	-.180	.058	.011	-.367
50	483	-.123	.038	.044	-.252
50	484	-.116	.037	.042	-.240
50	485	-.200	.041	-.046	-.413
50	486	-.217	.034	-.110	-.434
50	487	-.226	.039	-.107	-.444
50	801	-.175	.048	-.020	-.413
50	802	-.182	.053	-.027	-.424
50	803	-.187	.058	-.031	-.527
50	804	-.172	.043	-.069	-.381
50	805	-.129	.022	-.064	-.220
50	806	-.143	.034	-.022	-.317
50	807	-.318	.070	-.148	-.587
50	808	-.407	.101	-.180	-.860
50	809	-.175	.051	.003	-.557
50	810	-.159	.046	.003	-.351
50	811	-.184	.050	-.045	-.388
50	812	-.169	.048	-.041	-.411
50	813	-.129	.037	.004	-.362
50	814	-.134	.044	.016	-.383
50	815	-.341	.085	-.146	-.696
50	816	-.401	.094	-.184	-.887
50	817	-.123	.047	.037	-.312
50	818	-.138	.047	.044	-.334
50	819	-.156	.053	.039	-.375
50	820	-.128	.035	.017	-.258
50	821	-.107	.040	.077	-.243
50	822	-.330	.081	-.150	-.713
50	823	-.407	.102	-.191	-.874
50	824	-.040	.055	.207	-.236
50	825	-.059	.058	.199	-.287
50	826	-.312	.077	-.124	-.651
50	827	-.335	.087	-.126	-.699
50	828	.017	.079	.422	-.215
50	829	-.272	.072	.001	-.596
50	830	-.039	.068	.264	-.279
50	831	-.068	.064	.161	-.313
50	832	-.318	.079	-.126	-.752
50	833	-.359	.091	-.129	-.778
50	834	-.201	.079	.063	-.605
50	835	-.215	.085	.087	-.701
50	836	-.223	.116	.214	-.742
50	837	-.378	.104	-.121	-.835
50	838	-.365	.096	-.117	-.907
50	839	-.398	.121	-.160	-1.017
50	840	-.380	.120	-.094	-1.074
50	841	-.423	.116	.045	-.997
50	842	-.480	.125	-.095	-1.179
50	843	-.525	.131	-.172	-1.024
50	844	-.484	.124	-.134	-1.010
50	845	-.446	.135	-.132	-1.447
50	846	-.437	.127	-.132	-.949
50	847	-.391	.122	-.090	-1.153
50	848	-.412	.122	-.123	-1.153
50	849	-.344	.121	-.184	-1.024
50	850	-.518	.118	-.203	-.969
50	851	-.559	.132	-.205	-1.206
50	852	-.508	.098	-.240	-.925
50	853	-.487	.129	-.153	-1.173
50	854	-.448	.146	-.073	-1.098
50	855	-.395	.139	-.015	-1.137
50	856	-.415	.140	-.079	-1.087
50	857	-.126	.091	.274	-.481
50	858	-.314	.066	-.141	-.701
50	859	-.134	.040	.064	-.265
50	901	-.325	.048	-.160	-.557
50	902	-.378	.059	-.161	-.619
50	903	-.343	.079	-.049	-.689
50	904	-.314	.099	.062	-.818
50	905	-.287	.106	.064	-.776
50	906	-.312	.112	.024	-.986
50	907	-.479	.153	.058	-1.205
50	908	-.407	.215	.256	-1.240
50	909	-.327	.048	-.154	-.527
50	910	-.339	.053	-.137	-.588
50	911	-.353	.060	-.158	-.628
50	912	-.302	.054	-.144	-.613
50	913	-.273	.089	.034	-.655
50	914	-.330	.112	-.037	-.909
50	915	-.561	.185	.022	-1.369
50	916	-.524	.157	-.078	-1.199
50	917	-.350	.061	-.173	-.835
50	918	-.399	.062	-.192	-.695
50	919	-.561	.178	-.108	-1.279
50	920	-.630	.188	-.124	-1.422
50	921	-.319	.060	-.094	-.621
50	922	-.119	.091	.141	-.525
50	923	-.243	.256	.370	-1.011
50	924	-.364	.072	-.160	-.891
50	925	-.415	.085	-.179	-.989
50	926	-.333	.138	.053	-.940
50	927	-.419	.155	.166	-1.217
50	928	-.419	.093	-.184	-.865
50	929	-.591	.122	-.196	-1.141
50	930	-.107	.171	.539	-.619
50	931	-.400	.098	-.148	-.895
50	932	-.408	.099	-.107	-1.038
50	933	-.266	.104	.095	-.885
50	934	-.314	.125	.118	-.900
50	935	-.401	.091	-.114	-.873
50	936	-.447	.145	-.138	-1.208
50	937	-.410	.100	-.163	-.878
50	938	-.384	.109	-.099	-1.079
50	939	-.392	.111	-.053	-1.066
50	940	-.338	.092	-.083	-.800
50	941	-.385	.113	.013	-.825
50	942	-.386	.096	-.114	-.906
50	943	-.386	.109	-.014	-1.001
50	944	-.387	.098	-.034	-.912
50	945	-.402	.100	-.047	-.894
50	946	-.409	.066	-.246	-.664
50	947	-.397	.074	-.197	-.734
50	948	-.360	.063	-.153	-.808
50	949	-.414	.075	-.155	-.808
50	950	-.382	.109	-.089	-1.071
50	951	-.384	.106	-.081	-1.043
50	952	-.380	.101	-.035	-.904
50	953	-.397	.104	-.109	-1.048
50	954	-.390	.095	-.156	-1.030
50	955	-.353	.066	-.168	-.780
50	956	-.341	.059	-.160	-.742
50	957	-.339	.056	-.165	-.611
50	958	-.260	.094	.026	-.698
50	959	-.130	.073	.262	-.465
50	960	-.371	.137	-.025	-1.067
50	961	-.196	.097	.125	-.643
50	962	-.113	.073	.185	-.383
50	963	-.416	.102	-.075	-.838
50	964	-.380	.101	-.068	-1.062
50	965	-.132	.070	.129	-.376
50	966	-.298	.076	-.049	-.578
50	967	-.351	.086	-.150	-.800
50	968	-.200	.062	.019	-.402

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	969	-.328	.077	-.143	-.720	60	133	-.180	.042	.023	-.474	60	213	-.408	.236	.310	-1.343
50	970	-.342	.122	-.027	-.951	60	134	-.211	.037	-.077	-.374	60	214	-.349	.058	-.189	-.615
50	971	-.317	.093	-.039	-.720	60	135	-.303	.044	-.161	-.478	60	215	-.122	.079	.268	-.456
50	972	-.211	.052	-.015	-.436	60	136	-.466	.141	-.121	-1.107	60	216	.238	.129	.672	-.143
50	973	-.322	.074	-.080	-.634	60	137	-.299	.157	.012	-1.097	60	217	.383	.142	.827	-.043
50	974	-.174	.090	.149	-.730	60	138	-.189	.068	.004	-.845	60	218	.451	.148	.983	.070
50	975	-.158	.055	.060	-.414	60	139	-.179	.041	-.006	-.451	60	219	.458	.157	.943	-.054
50	976	-.203	.043	-.051	-.369	60	140	-.217	.043	-.058	-.443	60	220	.209	.165	.781	-.321
50	977	-.168	.052	.062	-.386	60	141	-.326	.071	-.058	-.689	60	221	-.608	.292	.397	-1.396
50	978	-.215	.044	-.046	-.455	60	142	-.262	.067	-.099	-.622	60	222	-.351	.065	-.172	-.862
50	979	-.029	.065	.260	-.304	60	143	-.219	.062	-.038	-.524	60	223	-.203	.085	.226	-.674
50	980	.039	.110	.684	-.349	60	144	-.209	.051	-.079	-.609	60	224	.193	.120	.621	-.188
50	981	.104	.115	.799	-.160	60	145	-.176	.037	-.068	-.458	60	225	.352	.143	.854	-.016
50	982	.116	.108	.660	-.148	60	146	-.193	.041	-.058	-.390	60	226	.431	.143	.935	.087
50	983	-.044	.064	.233	-.282	60	147	-.352	.069	-.141	-.629	60	227	.406	.146	.922	.032
50	984	.036	.106	.647	-.224	60	148	-.197	.039	-.046	-.434	60	228	.103	.172	.734	-.486
50	985	.069	.108	.693	-.169	60	149	-.165	.036	-.041	-.334	60	229	-.669	.277	.222	-1.811
50	986	.081	.086	.556	-.138	60	150	-.143	.034	-.036	-.344	60	230	-.365	.074	-.118	-.799
60	101	-.692	.201	.073	-1.342	60	151	-.112	.101	.378	-.537	60	231	-.231	.079	.122	-.567
60	102	-.360	.093	-.117	-.819	60	152	.143	.112	.595	-.282	60	232	.125	.110	.636	-.186
60	103	-.279	.116	.143	-.689	60	153	-.293	.169	.107	-1.236	60	233	.285	.135	.701	-.068
60	104	-.392	.192	.332	-1.109	60	154	-.171	.040	.029	-.329	60	234	.338	.143	.830	-.013
60	105	-.313	.082	-.074	-.693	60	155	-.200	.056	.019	-.424	60	235	.323	.147	.802	-.029
60	106	-.623	.159	-.132	-1.420	60	156	-.092	.074	.292	-.364	60	236	.048	.175	.691	-.523
60	107	-.298	.095	-.066	-.848	60	157	-.058	.097	.427	-.377	60	237	-.644	.290	.357	-1.874
60	108	-.256	.058	-.072	-.546	60	158	-.113	.094	.305	-.369	60	238	-.415	.092	-.115	-.910
60	109	-.256	.049	-.097	-.484	60	159	-.051	.089	.320	-.372	60	239	-.306	.081	.303	-.722
60	110	-.266	.043	-.105	-.438	60	160	.061	.075	.370	-.297	60	240	.031	.091	.438	-.240
60	111	-.346	.049	-.170	-.579	60	161	.104	.094	.613	-.141	60	241	.166	.100	.551	-.088
60	112	-.631	.187	-.059	-1.262	60	162	-.145	.047	.054	-.374	60	242	.244	.128	.756	-.153
60	113	-.433	.270	.056	-1.339	60	163	-.023	.076	.457	-.222	60	243	.190	.122	.784	-.140
60	114	-.172	.067	.038	-.863	60	164	-.024	.067	.310	-.196	60	244	-.049	.136	.566	-.576
60	115	-.179	.037	-.020	-.320	60	165	-.148	.061	.082	-.497	60	245	-.533	.223	.110	-1.615
60	116	-.223	.033	-.082	-.370	60	166	-.105	.046	.079	-.362	60	246	-.496	.105	-.204	-1.080
60	117	-.292	.037	-.175	-.428	60	167	-.069	.057	.232	-.304	60	247	-.321	.071	-.084	-.722
60	118	-.640	.183	-.057	-1.387	60	168	-.016	.057	.219	-.322	60	248	-.059	.074	.402	-.275
60	119	-.455	.258	.065	-1.289	60	169	-.357	.092	-.091	-.848	60	249	.075	.082	.382	-.136
60	120	-.226	.127	.003	-1.012	60	170	-.352	.086	-.069	-.780	60	250	.107	.093	.471	-.101
60	121	-.187	.043	-.028	-.519	60	201	-.157	.188	.614	-.723	60	251	.079	.088	.493	-.141
60	122	-.229	.033	-.113	-.422	60	202	.352	.245	.999	-.798	60	252	-.117	.085	.201	-.541
60	123	-.339	.045	-.186	-.598	60	203	-.257	.165	.390	-.731	60	253	-.479	.166	.068	-1.396
60	124	-.642	.181	-.120	-1.353	60	204	-.349	.089	.072	-.740	60	254	-.576	.136	-.194	-1.248
60	125	-.412	.241	.058	-1.320	60	205	-.245	.159	.508	-.763	60	255	-.330	.091	.049	-.713
60	126	-.222	.117	-.004	-.910	60	206	-.353	.061	-.170	-.628	60	256	-.167	.083	.161	-.541
60	127	-.188	.049	-.010	-.577	60	207	-.165	.085	.277	-.558	60	257	-.046	.062	.174	-.274
60	128	-.226	.035	-.105	-.407	60	208	.103	.110	.499	-.334	60	258	-.051	.054	.184	-.221
60	129	-.317	.043	-.173	-.472	60	209	.175	.122	.607	-.159	60	259	-.130	.050	.093	-.304
60	130	-.566	.166	-.111	-1.335	60	210	.222	.129	.610	-.167	60	260	-.197	.057	.040	-.551
60	131	-.372	.197	.017	-1.192	60	211	.287	.132	.727	-.143	60	261	-.284	.062	-.112	-.585
60	132	-.204	.085	-.020	-.819	60	212	.135	.153	.665	-.392	60	262	-.099	.068	.178	-.419

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	263	-.014	.063	.332	-.210
60	264	-.073	.051	.193	-.319
60	265	-.222	.047	-.089	-.447
60	266	-.131	.054	.042	-.513
60	267	-.176	.058	.022	-.434
60	268	-.224	.082	.095	-.709
60	269	-.093	.110	.369	-.503
60	270	-.100	.040	.054	-.225
60	271	-.139	.048	.075	-.316
60	272	-.207	.074	.097	-.330
60	273	.170	.109	.826	-.082
60	274	.145	.096	.614	-.069
60	275	.104	.083	.526	-.084
60	276	.113	.096	.614	-.087
60	277	-.270	.095	.027	-.770
60	301	-.408	.124	-.108	-1.210
60	302	-.486	.134	-.162	-1.094
60	303	-.383	.089	-.129	-1.015
60	304	-.401	.112	-.167	-1.305
60	305	-.395	.078	-.155	-.927
60	306	-.416	.114	-.144	-1.124
60	307	-.396	.090	-.152	-1.044
60	308	-.390	.087	-.158	-1.231
60	309	-.381	.072	-.195	-.772
60	310	-.360	.064	-.183	-.846
60	311	-.342	.054	-.138	-.621
60	312	-.414	.106	-.172	-1.427
60	313	-.390	.079	-.148	-.909
60	314	-.373	.069	-.147	-.777
60	315	-.364	.063	-.196	-1.006
60	316	-.354	.051	-.190	-.602
60	317	-.345	.052	-.162	-.559
60	318	-.427	.110	-.178	-1.376
60	319	-.402	.086	-.140	-.932
60	320	-.377	.076	-.150	-1.089
60	321	-.369	.069	-.191	-.921
60	322	-.358	.060	-.190	-.734
60	323	-.352	.060	-.182	-.754
60	324	-.468	.115	-.135	-1.402
60	325	-.423	.085	.028	-.837
60	326	-.418	.094	-.030	-1.100
60	327	-.403	.084	-.215	-.990
60	328	-.387	.071	-.177	-1.021
60	329	-.366	.070	-.069	-1.115
60	330	-.530	.121	-.145	-1.039
60	331	-.491	.100	-.125	-.983
60	332	-.488	.102	-.195	-.955
60	333	-.481	.110	-.191	-1.322
60	334	-.452	.089	-.169	-.805
60	335	-.425	.082	-.197	-.752
60	336	-.500	.138	.006	-1.207
60	337	-.501	.120	-.101	-1.182
60	338	-.546	.138	-.111	-1.634
60	339	-.546	.129	-.194	-1.409
60	340	-.506	.110	-.239	-1.065
60	341	-.495	.106	-.181	-1.042
60	342	-.387	.166	.221	-1.399
60	343	-.398	.147	.101	-1.379
60	344	-.478	.137	-.054	-1.509
60	345	-.490	.122	-.064	-1.000
60	346	-.484	.120	-.121	-1.135
60	347	-.514	.140	-.219	-1.355
60	348	-.479	.114	-.203	-1.437
60	349	-.401	.086	-.167	-.795
60	401	-.430	.135	-.133	-1.212
60	402	-.408	.111	-.041	-1.117
60	403	-.411	.124	-.175	-1.274
60	404	-.407	.119	-.132	-1.194
60	405	-.385	.083	-.150	-.761
60	406	-.296	.044	-.136	-.456
60	407	-.299	.045	-.124	-.491
60	408	-.305	.042	-.167	-.721
60	409	-.306	.046	-.121	-.555
60	410	-.321	.053	-.177	-.698
60	411	-.335	.068	-.136	-.760
60	412	-.364	.099	-.113	-1.030
60	413	-.418	.139	-.099	-1.606
60	414	-.298	.044	-.161	-.465
60	415	-.304	.043	-.177	-.447
60	416	-.306	.041	-.178	-.533
60	417	-.311	.042	-.184	-.492
60	418	-.319	.044	-.183	-.497
60	419	-.322	.047	-.175	-.528
60	420	-.347	.064	-.172	-.750
60	421	-.404	.112	-.180	-1.018
60	422	-.304	.041	-.172	-.527
60	423	-.316	.042	-.146	-.550
60	424	-.320	.039	-.199	-.553
60	425	-.316	.039	-.181	-.480
60	426	-.328	.038	-.189	-.466
60	427	-.337	.043	-.161	-.532
60	428	-.363	.064	-.145	-.755
60	429	-.408	.110	-.165	-1.155
60	430	-.308	.046	-.172	-.538
60	431	-.321	.046	-.170	-.569
60	432	-.328	.047	-.188	-.646
60	433	-.341	.051	-.207	-.705
60	434	-.342	.050	-.165	-.689
60	435	-.348	.053	-.181	-.602
60	436	-.383	.076	-.156	-.749
60	437	-.447	.110	-.146	-1.003
60	438	-.313	.055	-.113	-.519
60	439	-.324	.056	-.148	-.388
60	440	-.332	.056	-.151	-.673
60	441	-.366	.053	-.213	-.630
60	442	-.376	.063	-.216	-.635
60	443	-.367	.059	-.112	-.693
60	444	-.412	.090	-.153	-.836
60	445	-.467	.134	-.086	-1.052
60	446	-.337	.082	-.076	-.913
60	447	-.340	.085	-.106	-1.305
60	448	-.353	.073	-.146	-.900
60	449	-.390	.073	-.209	-.834
60	450	-.379	.068	-.132	-.836
60	451	-.379	.084	-.074	-.766
60	452	-.410	.103	-.069	-.989
60	453	-.458	.132	-.019	-1.227
60	454	-.430	.096	-.212	-.911
60	455	-.415	.085	-.229	-.926
60	456	-.417	.090	-.222	-.871
60	457	-.400	.073	-.129	-.791
60	458	-.365	.090	-.112	-.814
60	459	-.330	.111	.014	-.799
60	460	-.378	.150	.061	-1.182
60	461	-.386	.150	-.010	-1.160
60	462	-.365	.072	-.147	-.641
60	463	-.338	.071	-.087	-.588
60	464	-.377	.098	-.009	-.883
60	465	-.411	.074	-.190	-.790
60	466	-.363	.076	-.125	-.717
60	467	-.257	.063	-.031	-.530
60	468	-.137	.041	.028	-.286
60	469	-.117	.029	-.007	-.203
60	470	-.184	.046	-.031	-.367
60	471	-.219	.048	-.054	-.442
60	472	-.240	.061	-.038	-.922
60	473	-.426	.082	-.189	-.847
60	474	-.320	.085	-.050	-.702
60	475	-.213	.056	-.007	-.489
60	476	-.167	.055	.085	-.400
60	477	-.127	.038	.026	-.251
60	478	-.104	.043	.097	-.255
60	479	-.226	.039	-.104	-.369
60	480	-.329	.079	-.043	-.761
60	481	-.302	.095	.066	-.679
60	482	-.158	.048	.123	-.371
60	483	-.127	.040	.078	-.255
60	484	-.101	.041	.116	-.201
60	485	-.208	.040	-.080	-.402
60	486	-.204	.031	-.097	-.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	487	-.212	.034	-.090	-.357	60	850	-.506	.118	-.213	-1.076	60	941	-.420	.093	-.085	-.811
60	801	-.215	.050	-.015	-.455	60	851	-.524	.131	-.217	-1.290	60	942	-.417	.114	-.121	-1.163
60	802	-.231	.052	-.084	-.468	60	852	-.514	.087	-.230	-.919	60	943	-.424	.135	-.019	-1.232
60	803	-.244	.057	-.095	-.584	60	853	-.437	.117	-.160	-.986	60	944	-.408	.114	-.042	-1.200
60	804	-.219	.048	-.090	-.451	60	854	-.425	.140	-.073	-1.309	60	945	-.409	.107	-.065	-1.145
60	805	-.169	.025	-.102	-.297	60	855	-.398	.138	-.103	-1.341	60	946	-.402	.067	-.229	-.780
60	806	-.174	.042	-.030	-.363	60	856	-.426	.144	-.112	-1.538	60	947	-.389	.077	-.191	-.839
60	807	-.320	.064	-.153	-.575	60	857	-.087	.098	-.383	-.414	60	948	-.370	.069	-.145	-.823
60	808	-.437	.103	-.192	-.879	60	858	-.349	.074	-.135	-.797	60	949	-.446	.082	-.173	-.853
60	809	-.227	.045	-.101	-.431	60	859	-.126	.047	-.077	-.296	60	950	-.415	.130	-.136	-1.240
60	810	-.208	.048	-.061	-.462	60	901	-.300	.043	-.121	-.503	60	951	-.422	.138	-.061	-1.555
60	811	-.241	.052	-.102	-.544	60	902	-.341	.053	-.138	-.581	60	952	-.404	.112	-.077	-1.607
60	812	-.215	.049	-.068	-.470	60	903	-.370	.081	-.125	-.709	60	953	-.404	.100	-.131	-1.061
60	813	-.168	.041	-.028	-.380	60	904	-.378	.103	-.108	-.857	60	954	-.401	.092	-.059	-1.074
60	814	-.160	.031	.008	-.384	60	905	-.378	.108	-.050	-.896	60	955	-.371	.070	-.178	-.766
60	815	-.360	.079	-.156	-.747	60	906	-.396	.109	-.088	-.879	60	956	-.354	.066	-.162	-.730
60	816	-.423	.095	-.174	-.785	60	907	-.369	.135	-.168	-1.353	60	957	-.365	.074	-.167	-.952
60	817	-.162	.031	.060	-.434	60	908	-.623	.172	-.002	-1.569	60	958	-.284	.096	.072	-.853
60	818	-.175	.050	.027	-.385	60	909	-.294	.043	-.115	-.494	60	959	-.161	.069	.111	-.550
60	819	-.203	.058	.087	-.541	60	910	-.323	.047	-.146	-.536	60	960	-.359	.116	.055	-1.120
60	820	-.175	.040	-.004	-.382	60	911	-.356	.062	-.121	-.606	60	961	-.226	.105	.151	-.610
60	821	-.129	.053	.097	-.368	60	912	-.364	.059	-.196	-.592	60	962	-.138	.063	.135	-.401
60	822	-.367	.079	-.130	-.824	60	913	-.393	.101	-.125	-.927	60	963	-.448	.100	-.149	-.779
60	823	-.461	.107	-.176	-.951	60	914	-.499	.118	-.108	-1.002	60	964	-.363	.097	-.065	-1.004
60	824	-.044	.061	.200	-.305	60	915	-.626	.142	-.124	-1.373	60	965	-.143	.065	.226	-.433
60	825	-.070	.060	.159	-.332	60	916	-.532	.124	-.170	-1.200	60	966	-.358	.074	-.127	-.699
60	826	-.377	.079	-.162	-.771	60	917	-.309	.049	-.160	-.705	60	967	-.365	.081	-.178	-.904
60	827	-.384	.085	-.159	-.819	60	918	-.356	.055	-.162	-.626	60	968	-.198	.069	.123	-.526
60	828	.034	.079	.465	-.185	60	919	-.513	.109	-.188	-1.119	60	969	-.356	.069	-.195	-.702
60	829	-.334	.076	-.142	-.669	60	920	-.621	.141	-.069	-1.371	60	970	-.309	.112	-.005	-.867
60	830	-.045	.069	.210	-.380	60	921	-.360	.090	-.054	-.742	60	971	-.284	.075	-.079	-.606
60	831	-.077	.072	.162	-.457	60	922	-.280	.110	.019	-.827	60	972	-.193	.049	.017	-.408
60	832	-.377	.082	-.164	-.850	60	923	-.542	.144	.175	-1.125	60	973	-.347	.065	-.151	-.699
60	833	-.382	.086	-.150	-.757	60	924	-.319	.056	-.144	-.659	60	974	-.183	.092	.252	-.646
60	834	-.216	.081	.078	-.563	60	925	-.374	.072	-.134	-.698	60	975	-.144	.056	.051	-.396
60	835	-.240	.097	.176	-.770	60	926	-.330	.098	.017	-.940	60	976	-.193	.036	-.024	-.336
60	836	-.238	.135	.264	-.678	60	927	-.411	.096	-.036	-.861	60	977	-.157	.049	.038	-.341
60	837	-.421	.110	-.130	-.915	60	928	-.423	.116	-.149	-1.109	60	978	-.209	.041	-.067	-.358
60	838	-.366	.084	-.102	-.807	60	929	-.586	.117	-.254	-1.184	60	979	-.019	.063	.317	-.255
60	839	-.409	.107	-.193	-.991	60	930	-.247	.118	.338	-.694	60	980	.005	.080	.542	-.240
60	840	-.415	.119	-.141	-.967	60	931	-.386	.106	-.132	-1.038	60	981	.058	.096	.530	-.209
60	841	-.440	.128	.174	-.834	60	932	-.407	.115	-.106	-1.000	60	982	.120	.109	.606	-.150
60	842	-.489	.117	-.147	-1.019	60	933	-.271	.083	.044	-.632	60	983	-.046	.064	.251	-.300
60	843	-.522	.137	-.141	-1.049	60	934	-.342	.104	-.011	-.715	60	984	-.006	.098	.682	-.286
60	844	-.483	.121	-.158	-1.118	60	935	-.391	.097	-.111	-1.089	60	985	.060	.107	.636	-.238
60	845	-.428	.122	-.061	-.969	60	936	-.388	.094	-.150	-1.128	60	986	.078	.080	.511	-.156
60	846	-.437	.128	-.153	-1.153	60	937	-.404	.089	-.178	-.923	70	101	-.756	.188	-.124	-1.517
60	847	-.448	.133	-.111	-1.026	60	938	-.394	.120	-.096	-1.072	70	102	-.407	.110	-.057	-1.093
60	848	-.455	.135	-.156	-1.264	60	939	-.422	.138	-.055	-1.168	70	103	-.419	.113	-.040	-.849
60	849	-.516	.121	-.193	-1.077	60	940	-.348	.077	-.125	-.707	70	104	-.573	.167	.161	-1.314

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	105	-.369	.087	-.111	-.967	70	155	-.183	.047	.009	-.396	70	235	.301	.139	.854	-.051
70	106	-.770	.173	-.355	-1.387	70	156	-.104	.062	.175	-.318	70	236	-.084	.134	.582	-.562
70	107	-.507	.173	-.189	-1.277	70	157	-.058	.113	.640	-.391	70	237	-.794	.256	.103	-1.822
70	108	-.341	.077	-.169	-.818	70	158	-.019	.106	.441	-.411	70	238	-.464	.156	.198	-1.495
70	109	-.288	.052	-.150	-.687	70	159	.069	.099	.469	-.245	70	239	-.269	.122	.241	-.841
70	110	-.264	.042	-.135	-.472	70	160	.051	.064	.331	-.237	70	240	.066	.106	.527	-.219
70	111	-.295	.053	-.145	-.506	70	161	.075	.079	.499	-.210	70	241	.184	.113	.575	-.058
70	112	-.777	.175	-.297	-1.409	70	162	-.157	.044	.077	-.310	70	242	.219	.125	.669	-.091
70	113	-.683	.253	-.044	-1.486	70	163	.069	.095	.524	-.210	70	243	.183	.119	.627	-.130
70	114	-.325	.144	-.079	-1.063	70	164	.067	.091	.549	-.134	70	244	-.117	.126	.400	-.608
70	115	-.230	.051	-.086	-.631	70	165	-.223	.072	.001	-.602	70	245	-.676	.247	.258	-1.689
70	116	-.229	.036	-.125	-.449	70	166	-.181	.071	.054	-.428	70	246	-.507	.169	-.094	-1.289
70	117	-.259	.043	-.100	-.457	70	167	-.156	.071	.152	-.406	70	247	-.268	.101	.354	-.845
70	118	-.717	.174	-.191	-1.449	70	168	-.099	.068	.213	-.293	70	248	-.031	.078	.417	-.303
70	119	-.647	.224	-.034	-1.488	70	169	-.268	.090	.001	-.745	70	249	.053	.071	.413	-.148
70	120	-.394	.206	-.032	-1.090	70	170	-.282	.087	-.046	-.675	70	250	.088	.081	.433	-.153
70	121	-.246	.098	-.027	-.860	70	201	-.126	.235	.801	-.716	70	251	.066	.084	.473	-.158
70	122	-.237	.054	-.042	-.654	70	202	.260	.257	.934	-.810	70	252	-.134	.093	.265	-.521
70	123	-.294	.048	-.123	-.523	70	203	-.346	.157	.338	-.917	70	253	-.540	.183	-.058	-1.258
70	124	-.711	.182	-.243	-1.739	70	204	-.399	.102	-.069	-.821	70	254	-.579	.189	-.163	-1.591
70	125	-.628	.234	-.065	-1.492	70	205	-.346	.131	.449	-.781	70	255	-.285	.108	.075	-.726
70	126	-.371	.193	-.052	-1.181	70	206	-.395	.091	-.170	-.998	70	256	-.106	.098	.262	-.501
70	127	-.246	.102	.024	-.947	70	207	-.173	.091	.185	-.556	70	257	-.053	.068	.232	-.330
70	128	-.222	.048	.002	-.644	70	208	.099	.114	.507	-.253	70	258	-.068	.053	.144	-.325
70	129	-.278	.049	-.094	-.598	70	209	.170	.122	.594	-.205	70	259	-.137	.053	.081	-.435
70	130	-.651	.190	-.241	-1.650	70	210	.209	.125	.623	-.173	70	260	-.206	.062	.008	-.508
70	131	-.520	.222	-.019	-1.590	70	211	.233	.131	.672	-.125	70	261	-.283	.061	-.087	-.559
70	132	-.275	.130	-.038	-.967	70	212	.027	.134	.527	-.543	70	262	-.038	.067	.181	-.289
70	133	-.194	.054	.056	-.691	70	213	-.696	.231	-.010	-1.720	70	263	.017	.080	.380	-.226
70	134	-.202	.037	-.053	-.414	70	214	-.375	.092	-.118	-1.205	70	264	-.061	.055	.201	-.251
70	135	-.252	.040	-.142	-.412	70	215	-.113	.083	.200	-.389	70	265	-.250	.055	-.115	-.572
70	136	-.484	.150	-.182	-1.364	70	216	.247	.122	.683	-.120	70	266	-.111	.067	.259	-.463
70	137	-.319	.152	-.031	-1.185	70	217	.402	.154	.846	-.058	70	267	-.158	.067	.123	-.660
70	138	-.206	.068	-.049	-.752	70	218	.442	.150	.921	.013	70	268	-.140	.088	.213	-.531
70	139	-.178	.040	-.046	-.485	70	219	.429	.147	.854	-.016	70	269	-.020	.094	.425	-.403
70	140	-.191	.039	-.034	-.334	70	220	.055	.138	.572	-.436	70	270	-.053	.053	.236	-.342
70	141	-.239	.052	-.054	-.467	70	221	-.867	.240	-.089	-1.942	70	271	-.102	.060	.191	-.299
70	142	-.282	.075	-.097	-.686	70	222	-.401	.112	-.101	-1.037	70	272	-.165	.092	.158	-.562
70	143	-.228	.060	-.057	-.757	70	223	-.209	.097	.145	-.601	70	273	.119	.086	.839	-.084
70	144	-.220	.055	-.052	-.500	70	224	.226	.121	.616	-.115	70	274	.102	.077	.446	-.062
70	145	-.188	.042	-.041	-.387	70	225	.380	.149	.975	-.078	70	275	.088	.073	.395	-.077
70	146	-.196	.041	-.067	-.364	70	226	.454	.159	.913	-.001	70	276	.060	.080	.511	-.107
70	147	-.267	.055	-.120	-.553	70	227	.372	.146	.863	.005	70	277	-.280	.083	-.021	-.703
70	148	-.237	.050	-.094	-.557	70	228	-.050	.149	.501	-.534	70	301	-.468	.178	.042	-1.396
70	149	-.218	.050	-.056	-.434	70	229	-.831	.220	.027	-1.737	70	302	-.552	.168	-.110	-1.375
70	150	-.169	.048	-.009	-.444	70	230	-.431	.144	-.048	-1.112	70	303	-.437	.121	-.110	-1.227
70	151	.006	.133	.322	-.474	70	231	-.211	.118	.276	-.708	70	304	-.457	.158	-.071	-1.483
70	152	.108	.111	.645	-.220	70	232	.161	.124	.684	-.230	70	305	-.438	.110	-.127	-1.036
70	153	-.137	.161	.228	-.871	70	233	.307	.145	.817	-.128	70	306	-.437	.146	-.043	-1.114
70	154	-.202	.048	-.036	-.439	70	234	.353	.151	.870	-.019	70	307	-.430	.123	-.125	-1.296

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	308	-.435	.129	-.084	-1.194	70	409	-.261	.047	-.118	-.466	70	459	-.241	.088	.055	-.753
70	309	-.437	.128	-.160	-1.888	70	410	-.303	.059	-.101	-.534	70	460	-.261	.101	.018	-.753
70	310	-.400	.088	-.175	-1.219	70	411	-.323	.081	-.086	-.742	70	461	-.279	.118	.056	-.803
70	311	-.377	.083	-.181	-.859	70	412	-.378	.121	-.055	-1.050	70	462	-.259	.059	-.122	-.314
70	312	-.458	.153	-.087	-1.272	70	413	-.434	.171	-.051	-1.203	70	463	-.245	.057	-.054	-.551
70	313	-.423	.111	-.036	-.944	70	414	-.256	.048	-.113	-.485	70	464	-.260	.075	.017	-.791
70	314	-.427	.115	-.038	-1.112	70	415	-.263	.050	-.115	-.466	70	465	-.324	.077	-.122	-.642
70	315	-.401	.095	-.201	-1.119	70	416	-.263	.047	-.120	-.480	70	466	-.266	.075	.105	-.559
70	316	-.389	.084	-.203	-.972	70	417	-.267	.045	-.135	-.474	70	467	-.193	.063	.034	-.417
70	317	-.374	.080	-.178	-1.020	70	418	-.280	.046	-.137	-.454	70	468	-.132	.039	.008	-.289
70	318	-.461	.168	-.082	-1.142	70	419	-.303	.052	-.145	-.475	70	469	-.111	.025	-.021	-.185
70	319	-.443	.142	.038	-1.163	70	420	-.375	.098	-.109	-.868	70	470	-.171	.041	-.026	-.367
70	320	-.441	.142	.021	-1.158	70	421	-.454	.171	-.077	-1.275	70	471	-.179	.037	-.045	-.327
70	321	-.430	.131	-.094	-1.287	70	422	-.272	.055	-.104	-.696	70	472	-.180	.036	.015	-.341
70	322	-.415	.107	-.157	-.992	70	423	-.270	.048	-.089	-.536	70	473	-.326	.082	-.125	-.733
70	323	-.399	.100	-.145	-1.094	70	424	-.270	.042	-.144	-.481	70	474	-.245	.083	.015	-.773
70	324	-.440	.168	-.036	-1.303	70	425	-.269	.039	-.159	-.466	70	475	-.163	.057	.093	-.472
70	325	-.431	.156	-.003	-1.369	70	426	-.277	.040	-.141	-.424	70	476	-.136	.061	.124	-.384
70	326	-.465	.172	.054	-1.240	70	427	-.300	.055	-.058	-.548	70	477	-.114	.043	.086	-.260
70	327	-.479	.183	.010	-1.507	70	428	-.377	.112	-.047	-1.135	70	478	-.097	.043	.084	-.272
70	328	-.442	.140	-.005	-1.321	70	429	-.450	.183	-.018	-1.257	70	479	-.182	.033	-.056	-.341
70	329	-.423	.128	-.114	-1.135	70	430	-.266	.057	-.095	-.638	70	480	-.267	.078	-.061	-.735
70	330	-.454	.167	-.031	-1.109	70	431	-.263	.048	-.121	-.689	70	481	-.214	.085	.103	-.683
70	331	-.430	.148	.026	-1.038	70	432	-.266	.045	-.100	-.460	70	482	-.120	.053	.103	-.448
70	332	-.461	.162	.025	-1.099	70	433	-.275	.043	-.140	-.436	70	483	-.094	.044	.112	-.253
70	333	-.497	.178	.013	-1.509	70	434	-.280	.045	-.135	-.466	70	484	-.090	.037	.072	-.242
70	334	-.471	.149	-.095	-1.864	70	435	-.303	.067	-.094	-.624	70	485	-.188	.051	-.018	-.386
70	335	-.447	.113	-.125	-.994	70	436	-.364	.116	-.075	-1.004	70	486	-.169	.029	-.064	-.268
70	336	-.369	.149	.015	-1.389	70	437	-.451	.202	-.037	-1.404	70	487	-.170	.033	-.066	-.284
70	337	-.370	.143	.117	-1.118	70	438	-.246	.051	-.071	-.492	70	801	-.239	.059	-.090	-.523
70	338	-.438	.176	.043	-1.789	70	439	-.253	.049	-.070	-.490	70	802	-.233	.047	-.109	-.446
70	339	-.503	.183	.048	-1.849	70	440	-.260	.047	-.133	-.533	70	803	-.253	.063	-.101	-.542
70	340	-.514	.176	-.074	-1.658	70	441	-.280	.046	-.160	-.492	70	804	-.226	.048	-.080	-.522
70	341	-.494	.156	-.174	-1.625	70	442	-.283	.054	-.105	-.528	70	805	-.205	.035	-.096	-.342
70	342	-.283	.124	.102	-1.195	70	443	-.300	.073	-.037	-.659	70	806	-.199	.047	-.015	-.427
70	343	-.283	.113	.092	-.957	70	444	-.345	.107	-.055	-.760	70	807	-.253	.050	-.086	-.495
70	344	-.341	.138	-.027	-1.165	70	445	-.401	.165	.015	-1.240	70	808	-.293	.071	-.115	-.692
70	345	-.361	.127	-.034	-1.108	70	446	-.231	.053	-.044	-.512	70	809	-.221	.048	-.060	-.431
70	346	-.410	.128	-.082	-1.093	70	447	-.235	.053	-.032	-.447	70	810	-.209	.049	-.030	-.398
70	347	-.519	.178	-.146	-1.429	70	448	-.252	.059	-.099	-.872	70	811	-.257	.060	-.106	-.503
70	348	-.353	.118	-.077	-1.054	70	449	-.271	.056	-.109	-.658	70	812	-.219	.050	-.080	-.618
70	349	-.272	.073	-.074	-.695	70	450	-.269	.063	.038	-.741	70	813	-.194	.050	-.027	-.337
70	401	-.461	.141	-.151	-1.327	70	451	-.281	.082	.090	-.646	70	814	-.200	.058	-.001	-.532
70	402	-.425	.130	-.075	-1.064	70	452	-.314	.105	.048	-1.235	70	815	-.260	.055	-.107	-.528
70	403	-.447	.146	-.137	-1.087	70	453	-.347	.122	.023	-1.337	70	816	-.282	.066	-.100	-.640
70	404	-.450	.142	-.104	-1.174	70	454	-.277	.063	-.122	-.636	70	817	-.178	.057	.025	-.596
70	405	-.395	.090	-.126	-.756	70	455	-.298	.073	-.118	-.695	70	818	-.186	.056	.024	-.513
70	406	-.251	.048	-.087	-.465	70	456	-.292	.064	-.142	-.646	70	819	-.205	.058	-.026	-.519
70	407	-.251	.049	-.109	-.457	70	457	-.281	.059	-.102	-.549	70	820	-.206	.047	-.058	-.452
70	408	-.253	.048	-.103	-.471	70	458	-.261	.071	.011	-.606	70	821	-.161	.060	.068	-.390

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	822	-.265	.061	-.090	-.685
70	823	-.303	.073	-.135	-.628
70	824	-.074	.062	.137	-.414
70	825	-.094	.063	.109	-.462
70	826	-.263	.060	-.090	-.542
70	827	-.275	.063	-.123	-.592
70	828	.012	.066	.279	-.248
70	829	-.241	.054	-.040	-.483
70	830	-.069	.073	.183	-.472
70	831	-.087	.085	.246	-.595
70	832	-.259	.059	-.109	-.652
70	833	-.275	.068	-.111	-.671
70	834	-.187	.107	.174	-.773
70	835	-.203	.121	.231	-.809
70	836	-.158	.119	.334	-.578
70	837	-.299	.090	-.050	-.752
70	838	-.269	.071	-.107	-.650
70	839	-.292	.087	-.088	-.785
70	840	-.291	.087	.005	-.758
70	841	-.399	.186	.254	-1.239
70	842	-.430	.135	-.063	-1.223
70	843	-.386	.121	-.042	-.903
70	844	-.366	.120	-.098	-.901
70	845	-.298	.107	-.079	-1.075
70	846	-.303	.102	-.105	-.870
70	847	-.300	.092	-.080	-.842
70	848	-.320	.107	-.053	-1.077
70	849	-.488	.152	-.117	-1.218
70	850	-.503	.151	-.122	-1.144
70	851	-.429	.134	-.063	-1.033
70	852	-.393	.096	-.175	-.814
70	853	-.329	.120	-.126	-1.286
70	854	-.307	.119	-.042	-1.296
70	855	-.290	.107	-.007	-1.258
70	856	-.293	.100	-.054	-1.059
70	857	.018	.088	.390	-.355
70	858	-.287	.075	-.092	-.635
70	859	-.099	.046	.077	-.227
70	901	-.255	.050	-.072	-.452
70	902	-.293	.058	-.084	-.537
70	903	-.338	.081	-.126	-.642
70	904	-.364	.098	-.134	-.884
70	905	-.426	.108	-.165	-.978
70	906	-.521	.139	-.193	-1.151
70	907	-.701	.151	-.262	-1.419
70	908	-.783	.175	-.230	-1.540
70	909	-.250	.051	-.082	-.646
70	910	-.281	.055	-.072	-.541
70	911	-.341	.074	-.088	-.606
70	912	-.393	.066	-.213	-.675
70	913	-.484	.121	-.186	-.989
70	914	-.593	.136	-.180	-1.152
70	915	-.730	.144	-.234	-1.301
70	916	-.595	.117	-.280	-1.021
70	917	-.258	.053	-.066	-.516
70	918	-.295	.060	-.089	-.578
70	919	-.551	.115	-.172	-1.214
70	920	-.676	.140	-.285	-1.233
70	921	-.389	.100	-.107	-.805
70	922	-.415	.115	-.046	-.913
70	923	-.637	.133	-.209	-1.147
70	924	-.278	.052	-.074	-.553
70	925	-.324	.062	-.115	-.571
70	926	-.374	.102	-.023	-.857
70	927	-.455	.106	.027	-.869
70	928	-.437	.125	-.113	-1.039
70	929	-.638	.143	-.224	-1.248
70	930	-.310	.119	.192	-.794
70	931	-.383	.113	-.059	-.953
70	932	-.397	.112	-.066	-1.000
70	933	-.336	.094	-.032	-.775
70	934	-.426	.110	.014	-.857
70	935	-.417	.115	-.102	-.982
70	936	-.443	.122	-.077	-1.139
70	937	-.466	.123	-.139	-1.170
70	938	-.419	.149	-.038	-1.033
70	939	-.429	.150	.177	-1.239
70	940	-.403	.088	-.099	-.828
70	941	-.503	.111	-.170	-.999
70	942	-.420	.130	-.053	-1.095
70	943	-.430	.155	.027	-1.323
70	944	-.422	.136	.137	-1.332
70	945	-.442	.141	-.035	-1.144
70	946	-.465	.096	-.201	-1.071
70	947	-.436	.102	-.167	-1.080
70	948	-.421	.094	-.185	-.954
70	949	-.498	.104	-.179	-.936
70	950	-.431	.166	.033	-1.169
70	951	-.439	.171	-.019	-1.745
70	952	-.425	.145	-.013	-1.270
70	953	-.452	.156	-.074	-1.467
70	954	-.449	.133	-.087	-1.296
70	955	-.426	.103	-.134	-.987
70	956	-.394	.088	-.154	-.850
70	957	-.401	.096	-.109	-.934
70	958	-.358	.133	.026	-1.105
70	959	-.170	.069	.077	-.482
70	960	-.373	.106	-.063	-.866
70	961	-.274	.120	.125	-.772
70	962	-.149	.058	.084	-.396
70	963	-.323	.093	.007	-.750
70	964	-.286	.128	.067	-1.551
70	965	-.142	.047	.079	-.297
70	966	-.247	.057	-.063	-.511
70	967	-.261	.064	-.017	-.589
70	968	-.159	.074	.159	-.398
70	969	-.254	.058	-.104	-.533
70	970	-.238	.091	.101	-.866
70	971	-.291	.078	-.027	-.666
70	972	-.182	.046	.024	-.388
70	973	-.252	.052	-.097	-.478
70	974	-.152	.091	.388	-.550
70	975	-.130	.055	.079	-.429
70	976	-.172	.036	-.034	-.299
70	977	-.150	.050	.029	-.478
70	978	-.178	.035	-.051	-.304
70	979	-.025	.060	.322	-.311
70	980	-.027	.059	.465	-.252
70	981	.018	.073	.593	-.185
70	982	.057	.087	.513	-.159
70	983	-.024	.063	.260	-.289
70	984	-.026	.077	.503	-.322
70	985	.010	.070	.489	-.226
70	986	.058	.077	.417	-.209
80	101	-.768	.200	.133	-1.758
80	102	-.323	.092	.034	-.710
80	103	-.380	.112	-.012	-.835
80	104	-.637	.227	.251	-1.658
80	105	-.298	.079	-.066	-.631
80	106	-.861	.192	-.259	-1.682
80	107	-.606	.185	-.159	-1.239
80	108	-.363	.095	-.142	-1.004
80	109	-.271	.049	-.134	-.551
80	110	-.238	.041	-.120	-.488
80	111	-.257	.045	-.127	-.464
80	112	-.824	.186	-.314	-1.971
80	113	-.777	.204	-.096	-1.563
80	114	-.427	.165	-.081	-1.269
80	115	-.268	.073	-.066	-.683
80	116	-.223	.042	-.010	-.520
80	117	-.229	.040	-.083	-.472
80	118	-.773	.193	-.397	-2.234
80	119	-.726	.178	-.168	-1.539
80	120	-.544	.203	-.123	-1.333
80	121	-.313	.125	-.044	-.957
80	122	-.238	.067	-.007	-.601
80	123	-.256	.050	-.021	-.596
80	124	-.792	.185	-.399	-1.717
80	125	-.717	.199	-.177	-1.595
80	126	-.424	.190	-.077	-1.246

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	127	-.272	.110	-.040	-1.004
80	128	-.222	.065	-.012	-.770
80	129	-.234	.044	-.097	-.531
80	130	-.757	.191	-.264	-1.615
80	131	-.555	.212	-.097	-1.571
80	132	-.308	.129	-.060	-1.024
80	133	-.207	.056	-.001	-.648
80	134	-.183	.034	-.033	-.396
80	135	-.203	.034	-.082	-.385
80	136	-.532	.157	-.120	-1.301
80	137	-.344	.151	-.062	-1.259
80	138	-.225	.077	-.072	-.750
80	139	-.182	.042	-.046	-.490
80	140	-.172	.035	-.057	-.453
80	141	-.181	.046	-.007	-.405
80	142	-.283	.077	-.082	-.685
80	143	-.227	.065	-.027	-.583
80	144	-.221	.060	-.054	-.493
80	145	-.196	.043	-.034	-.443
80	146	-.177	.037	-.001	-.355
80	147	-.183	.044	-.049	-.443
80	148	-.217	.041	-.105	-.444
80	149	-.207	.040	-.059	-.354
80	150	-.159	.046	-.006	-.397
80	151	-.011	.084	.472	-.258
80	152	.090	.088	.512	-.203
80	153	-.069	.133	.230	-1.021
80	154	-.186	.046	-.049	-.510
80	155	-.162	.041	-.009	-.324
80	156	-.115	.051	.124	-.278
80	157	.042	.084	.598	-.170
80	158	-.027	.063	.291	-.273
80	159	.033	.071	.421	-.180
80	160	.057	.055	.283	-.127
80	161	.073	.060	.449	-.084
80	162	-.136	.042	.054	-.278
80	163	.034	.066	.369	-.135
80	164	.034	.065	.406	-.117
80	165	-.214	.059	-.004	-.517
80	166	-.184	.057	.069	-.487
80	167	-.164	.055	.056	-.354
80	168	-.106	.050	.122	-.394
80	169	-.170	.064	-.011	-.449
80	170	-.198	.064	.001	-.651
80	201	-.017	.249	.707	-.877
80	202	.307	.260	1.057	-.983
80	203	-.191	.250	.817	-.972
80	204	-.304	.161	.336	-.993
80	205	-.230	.211	.554	-1.164
80	206	-.445	.160	-.040	-1.775
80	207	-.247	.143	.252	-1.026
80	208	.039	.150	.512	-.561
80	209	.137	.159	.639	-.544
80	210	.230	.168	.758	-.552
80	211	.245	.159	.848	-.579
80	212	-.011	.145	.641	-.746
80	213	-.864	.214	.063	-1.864
80	214	-.401	.132	-.114	-2.010
80	215	-.208	.113	.160	-.805
80	216	.132	.150	.639	-.366
80	217	.316	.182	.834	-.331
80	218	.437	.184	1.115	-.347
80	219	.409	.172	.960	-.424
80	220	.020	.135	.646	-.603
80	221	-.908	.251	.209	-2.042
80	222	-.367	.104	-.057	-1.079
80	223	-.218	.091	.061	-.641
80	224	.166	.134	.698	-.314
80	225	.336	.162	.990	-.305
80	226	.433	.159	1.020	-.167
80	227	.423	.152	.863	-.333
80	228	-.067	.134	.692	-.615
80	229	-.899	.228	.113	-2.145
80	230	-.444	.148	-.060	-1.366
80	231	-.225	.115	.136	-.732
80	232	.175	.133	.613	-.273
80	233	.321	.144	.854	-.170
80	234	.402	.146	.930	-.149
80	235	.319	.143	.843	-.278
80	236	-.101	.132	.356	-.675
80	237	-.902	.227	-.124	-2.161
80	238	-.522	.183	.067	-1.706
80	239	-.256	.136	.381	-.912
80	240	.093	.108	.533	-.209
80	241	.221	.105	.661	-.059
80	242	.246	.123	.983	-.073
80	243	.186	.109	.600	-.186
80	244	-.146	.145	.375	-.930
80	245	-.707	.221	-.032	-1.739
80	246	-.515	.178	.143	-1.619
80	247	-.211	.107	.251	-.703
80	248	.017	.088	.511	-.247
80	249	.092	.078	.636	-.141
80	250	.089	.074	.523	-.129
80	251	.047	.075	.373	-.229
80	252	-.162	.118	.302	-.595
80	253	-.511	.162	.047	-1.635
80	254	-.485	.155	-.046	-1.379
80	255	-.199	.101	.146	-.642
80	256	-.054	.092	.280	-.417
80	257	-.037	.072	.307	-.324
80	258	-.058	.056	.147	-.272
80	259	-.132	.053	.144	-.442
80	260	-.210	.065	.119	-.500
80	261	-.316	.090	-.054	-.857
80	262	-.005	.057	.211	-.251
80	263	.025	.072	.351	-.198
80	264	-.051	.058	.211	-.239
80	265	-.225	.044	-.100	-.494
80	266	-.077	.061	.204	-.350
80	267	-.076	.054	.242	-.568
80	268	-.116	.059	.128	-.365
80	269	.057	.077	.404	-.282
80	270	-.042	.044	.214	-.231
80	271	-.044	.046	.156	-.226
80	272	-.077	.073	.130	-.514
80	273	.102	.064	.525	-.057
80	274	.092	.063	.510	-.067
80	275	.076	.055	.388	-.054
80	276	.049	.060	.378	-.122
80	277	-.265	.075	.002	-.671
80	301	-.411	.164	.044	-1.252
80	302	-.564	.155	-.109	-1.344
80	303	-.452	.144	-.026	-1.037
80	304	-.407	.165	-.026	-1.160
80	305	-.519	.177	-.067	-1.536
80	306	-.327	.120	-.046	-1.057
80	307	-.363	.133	.032	-1.151
80	308	-.433	.148	.097	-1.407
80	309	-.483	.152	-.115	-1.543
80	310	-.467	.136	-.125	-1.239
80	311	-.444	.139	-.134	-1.526
80	312	-.341	.127	-.029	-.965
80	313	-.357	.115	.102	-.937
80	314	-.419	.123	-.084	-1.101
80	315	-.461	.139	-.124	-1.332
80	316	-.429	.134	-.102	-1.455
80	317	-.418	.126	-.129	-1.184
80	318	-.394	.151	-.006	-1.088
80	319	-.382	.118	-.001	-.935
80	320	-.413	.125	-.056	-1.174
80	321	-.411	.112	-.041	-1.130
80	322	-.393	.105	-.119	-1.176
80	323	-.375	.095	-.107	-.901
80	324	-.370	.151	-.037	-1.093
80	325	-.363	.140	.167	-1.073
80	326	-.454	.171	.064	-1.156
80	327	-.472	.164	-.027	-1.276
80	328	-.454	.143	-.012	-1.349
80	329	-.438	.134	-.099	-1.327

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	330	-.308	.107	.012	-.857
80	331	-.317	.132	.034	-.866
80	332	-.392	.171	.046	-1.025
80	333	-.478	.190	.062	-1.613
80	334	-.512	.178	-.071	-1.609
80	335	-.509	.146	-.196	-1.156
80	336	-.249	.082	-.015	-1.109
80	337	-.227	.092	.200	-.767
80	338	-.291	.132	.093	-.812
80	339	-.399	.183	.085	-1.464
80	340	-.492	.189	.135	-1.426
80	341	-.478	.149	-.110	-1.404
80	342	-.196	.061	.093	-.484
80	343	-.195	.065	.008	-.734
80	344	-.207	.073	.058	-1.021
80	345	-.240	.083	.043	-.777
80	346	-.307	.107	.013	-.982
80	347	-.489	.182	-.067	-1.339
80	348	-.241	.067	.027	-.699
80	349	-.194	.044	-.041	-.398
80	401	-.361	.115	-.106	-.910
80	402	-.340	.096	-.062	-.786
80	403	-.337	.111	-.093	-1.001
80	404	-.342	.109	-.027	-1.010
80	405	-.316	.081	-.062	-.656
80	406	-.209	.044	-.066	-.387
80	407	-.213	.043	-.040	-.400
80	408	-.212	.043	-.060	-.428
80	409	-.220	.042	-.079	-.409
80	410	-.240	.057	-.045	-.500
80	411	-.247	.070	-.006	-.578
80	412	-.280	.104	-.009	-.832
80	413	-.297	.126	.043	-1.030
80	414	-.215	.045	-.072	-.485
80	415	-.219	.041	-.079	-.519
80	416	-.220	.039	-.092	-.442
80	417	-.222	.039	-.109	-.395
80	418	-.231	.045	-.079	-.425
80	419	-.246	.056	-.057	-.481
80	420	-.283	.088	-.062	-.750
80	421	-.335	.138	-.013	-1.001
80	422	-.228	.054	-.030	-.601
80	423	-.228	.047	-.076	-.550
80	424	-.227	.039	-.068	-.435
80	425	-.226	.034	-.125	-.405
80	426	-.228	.035	-.079	-.389
80	427	-.249	.053	-.074	-.489
80	428	-.303	.089	-.041	-.894
80	429	-.377	.162	-.028	-1.468
80	430	-.222	.049	-.053	-.638
80	431	-.223	.046	-.018	-.451
80	432	-.224	.039	-.106	-.395
80	433	-.224	.034	-.115	-.400
80	434	-.237	.042	-.123	-.432
80	435	-.261	.063	-.095	-.527
80	436	-.305	.112	-.018	-.818
80	437	-.353	.162	.007	-1.220
80	438	-.196	.046	-.048	-.445
80	439	-.203	.045	-.004	-.422
80	440	-.212	.042	-.044	-.451
80	441	-.217	.036	-.072	-.382
80	442	-.233	.049	-.004	-.486
80	443	-.266	.070	-.017	-.619
80	444	-.284	.096	.004	-.727
80	445	-.294	.117	.003	-1.044
80	446	-.175	.046	.016	-.505
80	447	-.183	.045	-.020	-.569
80	448	-.197	.039	-.047	-.452
80	449	-.198	.048	.031	-.403
80	450	-.201	.058	.136	-.416
80	451	-.233	.065	-.009	-.882
80	452	-.239	.071	-.017	-.692
80	453	-.248	.088	-.004	-.915
80	454	-.196	.044	-.029	-.386
80	455	-.193	.059	-.041	-.645
80	456	-.199	.047	-.049	-.564
80	457	-.177	.050	.013	-.356
80	458	-.144	.056	.076	-.345
80	459	-.158	.062	.101	-.451
80	460	-.183	.062	.086	-.534
80	461	-.190	.053	-.033	-.462
80	462	-.168	.038	-.039	-.353
80	463	-.164	.035	-.029	-.327
80	464	-.183	.045	-.049	-.499
80	465	-.198	.060	-.059	-.565
80	466	-.155	.061	.108	-.385
80	467	-.145	.051	.124	-.335
80	468	-.128	.030	-.019	-.242
80	469	-.109	.025	-.033	-.192
80	470	-.149	.034	-.045	-.304
80	471	-.145	.028	-.057	-.251
80	472	-.144	.026	.012	-.280
80	473	-.228	.063	-.054	-.510
80	474	-.164	.063	.043	-.406
80	475	-.104	.048	.084	-.299
80	476	-.103	.043	.062	-.297
80	477	-.132	.038	.017	-.306
80	478	-.122	.041	.057	-.304
80	479	-.146	.024	-.047	-.242
80	480	-.182	.059	-.004	-.499
80	481	-.149	.067	.072	-.556
80	482	-.082	.052	.143	-.354
80	483	-.094	.038	.091	-.213
80	484	-.103	.038	.048	-.244
80	485	-.170	.038	-.073	-.361
80	486	-.143	.023	-.064	-.240
80	487	-.147	.023	-.071	-.235
80	801	-.244	.071	-.051	-.740
80	802	-.242	.059	-.062	-.647
80	803	-.260	.064	-.072	-.526
80	804	-.223	.046	-.093	-.420
80	805	-.206	.027	-.124	-.325
80	806	-.183	.040	-.051	-.363
80	807	-.192	.044	-.041	-.404
80	808	-.185	.049	-.058	-.463
80	809	-.227	.056	-.041	-.471
80	810	-.224	.063	-.026	-.548
80	811	-.257	.061	-.067	-.569
80	812	-.215	.048	-.048	-.458
80	813	-.198	.043	-.048	-.387
80	814	-.184	.048	-.034	-.470
80	815	-.194	.046	-.055	-.508
80	816	-.202	.050	-.034	-.449
80	817	-.168	.057	.117	-.418
80	818	-.175	.060	.032	-.533
80	819	-.185	.055	-.014	-.605
80	820	-.199	.038	-.076	-.398
80	821	-.156	.049	.094	-.314
80	822	-.183	.041	-.004	-.426
80	823	-.193	.042	-.064	-.440
80	824	-.079	.057	.159	-.401
80	825	-.093	.061	.150	-.415
80	826	-.176	.037	-.057	-.356
80	827	-.185	.042	-.057	-.387
80	828	.012	.065	.258	-.300
80	829	-.165	.033	-.028	-.296
80	830	-.059	.076	.243	-.504
80	831	-.072	.091	.253	-.667
80	832	-.181	.039	-.043	-.402
80	833	-.188	.043	.003	-.399
80	834	-.139	.110	.282	-.650
80	835	-.166	.123	.202	-1.030
80	836	-.090	.114	.336	-.555
80	837	-.210	.062	.048	-.521
80	838	-.175	.037	-.035	-.349
80	839	-.191	.046	-.038	-.514
80	840	-.197	.059	-.019	-.530
80	841	-.286	.161	.292	-1.066
80	842	-.343	.115	.006	-.948
80	843	-.283	.095	.066	-.714

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	844	-.252	.078	-.003	-.603
80	845	-.190	.054	-.003	-.530
80	846	-.189	.048	-.022	-.487
80	847	-.186	.051	-.030	-.607
80	848	-.189	.051	-.004	-.470
80	849	-.449	.142	-.045	-1.099
80	850	-.401	.121	-.110	-.929
80	851	-.338	.109	-.038	-.841
80	852	-.266	.053	-.114	-.520
80	853	-.206	.057	-.074	-.745
80	854	-.198	.056	-.015	-.754
80	855	-.186	.046	-.031	-.467
80	856	-.203	.059	-.039	-.830
80	857	-.003	.071	.473	-.311
80	858	-.181	.066	-.011	-.494
80	859	-.099	.040	.051	-.261
80	901	-.216	.045	-.068	-.412
80	902	-.239	.049	-.068	-.454
80	903	-.256	.061	-.073	-.561
80	904	-.294	.073	-.056	-.706
80	905	-.390	.108	-.110	-1.034
80	906	-.568	.175	-.141	-1.287
80	907	-.798	.165	-.294	-1.619
80	908	-.901	.209	-.090	-1.778
80	909	-.208	.045	-.040	-.371
80	910	-.240	.049	-.033	-.419
80	911	-.267	.059	-.033	-.509
80	912	-.310	.057	-.149	-.585
80	913	-.439	.127	-.064	-.972
80	914	-.630	.177	-.091	-1.327
80	915	-.820	.168	-.048	-1.534
80	916	-.703	.157	-.287	-1.669
80	917	-.218	.047	-.070	-.434
80	918	-.248	.050	-.076	-.447
80	919	-.629	.159	-.051	-1.758
80	920	-.746	.194	-.199	-1.887
80	921	-.304	.091	-.018	-.660
80	922	-.361	.107	-.001	-.994
80	923	-.683	.222	.126	-1.531
80	924	-.237	.052	-.028	-.506
80	925	-.272	.060	-.091	-.515
80	926	-.371	.156	.214	-1.209
80	927	-.454	.169	.426	-1.362
80	928	-.344	.105	-.099	-.833
80	929	-.596	.155	.124	-1.570
80	930	-.196	.187	.693	-.920
80	931	-.290	.100	-.032	-.815
80	932	-.313	.107	-.000	-.757
80	933	-.291	.131	.253	-.935
80	934	-.338	.165	.505	-1.051
80	935	-.339	.116	.113	-.802
80	936	-.444	.155	-.000	-1.105
80	937	-.515	.169	.104	-1.431
80	938	-.283	.115	.003	-1.067
80	939	-.298	.123	.080	-.871
80	940	-.449	.151	.172	-1.554
80	941	-.454	.187	.435	-1.150
80	942	-.285	.096	-.068	-.905
80	943	-.298	.117	.048	-.988
80	944	-.313	.138	.166	-1.441
80	945	-.395	.151	.066	-1.009
80	946	-.473	.165	-.185	-.909
80	947	-.488	.152	.031	-1.240
80	948	-.465	.149	.018	-1.393
80	949	-.497	.170	.349	-1.344
80	950	-.321	.137	.023	-1.202
80	951	-.311	.119	.067	-.870
80	952	-.359	.143	.082	-1.064
80	953	-.443	.183	.051	-1.538
80	954	-.479	.168	.072	-1.543
80	955	-.477	.166	-.089	-1.733
80	956	-.453	.152	-.119	-1.575
80	957	-.472	.177	-.075	-1.666
80	958	-.232	.101	.147	-.734
80	959	-.127	.050	.116	-.403
80	960	-.271	.086	-.039	-.765
80	961	-.186	.094	.179	-.565
80	962	-.127	.049	.077	-.350
80	963	-.224	.060	-.007	-.492
80	964	-.185	.072	.039	-.995
80	965	-.132	.037	.012	-.343
80	966	-.169	.035	-.039	-.321
80	967	-.176	.039	-.034	-.372
80	968	-.118	.052	.155	-.314
80	969	-.177	.040	-.039	-.372
80	970	-.207	.068	.034	-.584
80	971	-.256	.055	-.022	-.572
80	972	-.169	.037	-.029	-.459
80	973	-.179	.033	-.060	-.321
80	974	-.114	.065	.225	-.418
80	975	-.124	.040	.039	-.396
80	976	-.145	.028	-.022	-.251
80	977	-.145	.036	.019	-.311
80	978	-.151	.026	-.053	-.270
80	979	.016	.063	.333	-.179
80	980	-.007	.056	.489	-.184
80	981	.038	.061	.549	-.181
80	982	.076	.073	.479	-.126
80	983	.003	.059	.294	-.225
80	984	-.024	.052	.284	-.256
80	985	.026	.060	.471	-.196
80	986	.051	.058	.438	-.184
90	101	-.366	.182	.174	-1.385
90	102	-.248	.081	-.015	-.802
90	103	-.232	.104	.090	-.975
90	104	-.309	.156	.293	-1.117
90	105	-.222	.060	-.029	-.648
90	106	-.461	.192	-.030	-1.379
90	107	-.314	.127	-.016	-.978
90	108	-.269	.107	-.012	-1.132
90	109	-.236	.084	-.032	-.782
90	110	-.225	.073	-.060	-.830
90	111	-.227	.052	-.075	-.497
90	112	-.494	.217	.132	-1.479
90	113	-.326	.141	.051	-1.047
90	114	-.244	.077	-.010	-.614
90	115	-.217	.064	-.014	-.542
90	116	-.205	.051	-.008	-.511
90	117	-.212	.044	-.084	-.511
90	118	-.635	.272	.088	-1.773
90	119	-.386	.182	-.021	-1.370
90	120	-.264	.081	-.041	-.858
90	121	-.221	.066	-.017	-.803
90	122	-.210	.047	-.041	-.781
90	123	-.222	.039	-.080	-.675
90	124	-.734	.232	.016	-1.740
90	125	-.428	.181	.008	-1.403
90	126	-.264	.075	-.088	-.775
90	127	-.216	.046	-.025	-.553
90	128	-.199	.035	-.062	-.459
90	129	-.209	.032	-.097	-.333
90	130	-.703	.204	-.125	-1.714
90	131	-.381	.157	-.071	-1.200
90	132	-.241	.067	-.053	-.760
90	133	-.200	.037	-.071	-.446
90	134	-.186	.029	-.071	-.349
90	135	-.201	.040	-.103	-.500
90	136	-.470	.158	.022	-1.165
90	137	-.291	.129	-.003	-1.163
90	138	-.206	.065	-.008	-.675
90	139	-.178	.036	-.055	-.453
90	140	-.178	.034	-.055	-.358
90	141	-.194	.055	-.025	-.523
90	142	-.270	.080	-.030	-.800
90	143	-.211	.066	-.013	-.658
90	144	-.212	.058	-.018	-.500
90	145	-.193	.043	-.035	-.393
90	146	-.176	.037	-.058	-.340
90	147	-.177	.045	-.025	-.435
90	148	-.205	.047	-.047	-.466

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	149	-.197	.044	-.012	-.413
90	150	-.161	.045	-.019	-.373
90	151	-.062	.081	.293	-.355
90	152	.041	.080	.588	-.350
90	153	-.052	.090	.199	-.744
90	154	-.187	.046	-.042	-.468
90	155	-.161	.036	-.029	-.305
90	156	-.127	.042	.071	-.265
90	157	.003	.086	.360	-.298
90	158	-.023	.071	.332	-.240
90	159	.026	.092	.445	-.217
90	160	.032	.064	.317	-.172
90	161	.041	.061	.322	-.119
90	162	-.132	.044	.066	-.298
90	163	.004	.073	.340	-.253
90	164	.004	.070	.390	-.250
90	165	-.204	.056	-.024	-.521
90	166	-.193	.052	-.009	-.441
90	167	-.166	.050	.031	-.345
90	168	-.120	.045	.157	-.300
90	169	-.141	.046	.019	-.340
90	170	-.140	.049	.036	-.323
90	201	-.181	.160	.457	-.865
90	202	-.066	.239	.851	-.891
90	203	-.123	.198	.671	-.718
90	204	-.189	.128	.426	-.671
90	205	-.118	.188	.709	-.796
90	206	-.357	.135	-.044	-1.303
90	207	-.299	.098	.028	-.772
90	208	-.236	.111	.275	-.836
90	209	-.182	.147	.483	-.711
90	210	-.128	.170	.582	-.598
90	211	-.080	.225	.612	-.891
90	212	-.128	.250	.834	-1.069
90	213	-.421	.238	.368	-1.390
90	214	-.340	.120	.041	-1.085
90	215	-.272	.086	.125	-.732
90	216	-.193	.101	.276	-.547
90	217	-.134	.146	.447	-.683
90	218	-.082	.193	.726	-.678
90	219	-.030	.230	.726	-.610
90	220	-.104	.229	.688	-1.345
90	221	-.413	.257	.417	-1.496
90	222	-.346	.128	.069	-1.189
90	223	-.299	.098	.132	-.772
90	224	-.149	.121	.385	-.568
90	225	-.093	.170	.631	-.605
90	226	.008	.212	.896	-.769
90	227	.063	.266	.995	-.933
90	228	-.061	.232	.656	-1.006
90	229	-.564	.341	.348	-2.046
90	230	-.377	.134	.060	-1.551
90	231	-.303	.117	.122	-.856
90	232	-.076	.134	.592	-.487
90	233	.022	.165	.654	-.480
90	234	.160	.184	.908	-.460
90	235	.206	.196	.859	-.512
90	236	.012	.200	.742	-.930
90	237	-.651	.307	.327	-1.878
90	238	-.437	.162	.254	-1.253
90	239	-.288	.134	.325	-.875
90	240	.000	.120	.573	-.376
90	241	.115	.115	.694	-.231
90	242	.188	.150	.857	-.255
90	243	.208	.150	.836	-.241
90	244	-.069	.163	.611	-.801
90	245	-.584	.263	.297	-1.850
90	246	-.492	.204	.449	-1.533
90	247	-.220	.115	.387	-.683
90	248	-.019	.092	.580	-.260
90	249	.061	.093	.538	-.195
90	250	.082	.093	.638	-.208
90	251	.062	.093	.581	-.253
90	252	-.108	.115	.295	-.520
90	253	-.442	.173	.233	-1.189
90	254	-.417	.170	.090	-1.239
90	255	-.178	.104	.240	-.586
90	256	-.036	.080	.325	-.330
90	257	-.011	.068	.238	-.210
90	258	-.050	.061	.275	-.265
90	259	-.109	.063	.133	-.330
90	260	-.186	.069	.120	-.553
90	261	-.320	.097	-.057	-.823
90	262	-.032	.051	.244	-.270
90	263	.024	.076	.402	-.184
90	264	-.032	.065	.254	-.212
90	265	-.210	.050	-.081	-.494
90	266	-.046	.102	.385	-.464
90	267	-.077	.077	.294	-.368
90	268	-.109	.070	.131	-.418
90	269	.015	.069	.360	-.189
90	270	-.029	.057	.251	-.204
90	271	-.040	.061	.181	-.232
90	272	-.039	.070	.224	-.383
90	273	.060	.061	.480	-.114
90	274	.051	.058	.309	-.099
90	275	.042	.055	.266	-.106
90	276	.003	.050	.297	-.144
90	277	-.226	.061	-.003	-.557
90	301	-.283	.099	.202	-.886
90	302	-.319	.120	.184	-1.005
90	303	-.270	.092	.149	-.733
90	304	-.247	.077	.029	-.813
90	305	-.295	.106	.173	-1.054
90	306	-.235	.061	.037	-.570
90	307	-.240	.068	-.011	-.619
90	308	-.271	.092	.065	-.941
90	309	-.315	.110	.027	-1.080
90	310	-.340	.120	.179	-1.108
90	311	-.339	.113	-.062	-1.250
90	312	-.231	.053	-.057	-.548
90	313	-.223	.064	.032	-.556
90	314	-.252	.082	.095	-.705
90	315	-.305	.092	.062	-.763
90	316	-.336	.110	-.056	-.905
90	317	-.340	.116	-.079	-1.140
90	318	-.236	.062	-.009	-.565
90	319	-.237	.074	.082	-.579
90	320	-.279	.095	.077	-.656
90	321	-.333	.119	.082	-1.049
90	322	-.350	.127	.083	-1.333
90	323	-.347	.117	.035	-1.029
90	324	-.248	.066	-.064	-.639
90	325	-.248	.082	.039	-.748
90	326	-.299	.107	.120	-.786
90	327	-.380	.141	.090	-1.256
90	328	-.400	.133	-.051	-1.216
90	329	-.385	.136	.025	-1.242
90	330	-.243	.056	.021	-.530
90	331	-.238	.082	.060	-.576
90	332	-.273	.111	.083	-.822
90	333	-.380	.154	.156	-1.037
90	334	-.446	.173	.103	-1.408
90	335	-.438	.142	.156	-1.192
90	336	-.223	.055	-.010	-.532
90	337	-.198	.063	.108	-.530
90	338	-.207	.082	.115	-.680
90	339	-.291	.150	.165	-1.101
90	340	-.443	.221	.118	-1.844
90	341	-.469	.193	.155	-1.535
90	342	-.210	.051	-.038	-.567
90	343	-.193	.052	.075	-.454
90	344	-.206	.066	.135	-.585
90	345	-.241	.083	.005	-.650
90	346	-.274	.100	.115	-.778
90	347	-.448	.186	.045	-1.545
90	348	-.221	.066	.045	-.730
90	349	-.185	.045	-.015	-.406
90	401	-.271	.077	-.052	-.778
90	402	-.300	.090	-.066	-.853

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	403	-.274	.071	-.083	-.758	90	453	-.227	.054	-.072	-.538	90	816	-.194	.050	-.071	-.477
90	404	-.261	.073	-.057	-.818	90	454	-.201	.058	-.052	-.536	90	817	-.162	.062	.108	-.476
90	405	-.277	.081	-.012	-.756	90	455	-.187	.053	-.053	-.683	90	818	-.162	.057	.044	-.471
90	406	-.210	.058	-.045	-.507	90	456	-.179	.045	-.047	-.536	90	819	-.175	.056	.001	-.553
90	407	-.205	.052	-.007	-.538	90	457	-.170	.041	.001	-.294	90	820	-.190	.041	-.002	-.443
90	408	-.209	.047	-.068	-.451	90	458	-.169	.045	-.007	-.349	90	821	-.155	.044	.125	-.304
90	409	-.209	.049	-.055	-.521	90	459	-.192	.054	.001	-.455	90	822	-.179	.033	-.055	-.312
90	410	-.211	.049	-.052	-.557	90	460	-.224	.067	.011	-.657	90	823	-.183	.037	-.074	-.353
90	411	-.218	.053	-.052	-.547	90	461	-.227	.064	-.078	-.658	90	824	-.070	.064	.188	-.325
90	412	-.230	.064	-.052	-.675	90	462	-.172	.030	-.046	-.302	90	825	-.072	.067	.286	-.359
90	413	-.233	.066	-.038	-.648	90	463	-.176	.031	-.048	-.320	90	826	-.178	.033	-.045	-.314
90	414	-.207	.051	-.010	-.593	90	464	-.185	.035	-.043	-.348	90	827	-.179	.034	-.040	-.312
90	415	-.211	.047	-.046	-.768	90	465	-.163	.041	-.003	-.333	90	828	.005	.071	.322	-.210
90	416	-.206	.039	-.085	-.385	90	466	-.167	.041	.027	-.287	90	829	-.173	.029	-.067	-.290
90	417	-.204	.040	-.062	-.406	90	467	-.160	.037	.013	-.283	90	830	-.024	.074	.245	-.304
90	418	-.207	.039	-.096	-.440	90	468	-.148	.031	-.042	-.271	90	831	-.019	.081	.307	-.352
90	419	-.213	.043	-.069	-.412	90	469	-.143	.024	-.061	-.207	90	832	-.183	.032	-.042	-.329
90	420	-.221	.050	-.052	-.372	90	470	-.149	.033	-.032	-.293	90	833	-.187	.035	-.040	-.336
90	421	-.230	.059	-.074	-.625	90	471	-.141	.031	.011	-.297	90	834	-.070	.102	.315	-.500
90	422	-.204	.042	-.061	-.424	90	472	-.134	.031	.032	-.252	90	835	-.074	.112	.391	-.514
90	423	-.203	.034	-.077	-.441	90	473	-.165	.060	-.018	-.501	90	836	-.050	.080	.179	-.432
90	424	-.201	.032	-.099	-.399	90	474	-.127	.043	.051	-.321	90	837	-.198	.057	.030	-.432
90	425	-.200	.026	-.117	-.300	90	475	-.120	.041	.074	-.371	90	838	-.179	.035	-.040	-.319
90	426	-.203	.029	-.087	-.345	90	476	-.134	.047	.032	-.482	90	839	-.191	.041	-.014	-.533
90	427	-.209	.040	-.055	-.443	90	477	-.158	.049	-.046	-.319	90	840	-.205	.053	-.049	-.541
90	428	-.222	.052	-.061	-.615	90	478	-.146	.039	.003	-.368	90	841	-.174	.156	.356	-.760
90	429	-.238	.067	-.068	-.760	90	479	-.134	.030	.029	-.276	90	842	-.263	.109	.074	-.753
90	430	-.196	.035	-.088	-.496	90	480	-.144	.050	.048	-.359	90	843	-.262	.105	.091	-.738
90	431	-.199	.036	-.079	-.441	90	481	-.118	.045	.063	-.326	90	844	-.240	.077	.031	-.624
90	432	-.199	.032	-.093	-.345	90	482	-.095	.042	.167	-.224	90	845	-.190	.051	-.016	-.417
90	433	-.204	.031	-.095	-.380	90	483	-.125	.037	.051	-.267	90	846	-.188	.043	-.042	-.434
90	434	-.209	.031	-.112	-.367	90	484	-.134	.034	-.020	-.267	90	847	-.216	.058	-.039	-.559
90	435	-.214	.037	-.054	-.464	90	485	-.153	.029	-.061	-.342	90	848	-.200	.046	-.070	-.450
90	436	-.226	.053	-.066	-.555	90	486	-.143	.031	.003	-.364	90	849	-.383	.172	.041	-1.231
90	437	-.239	.067	-.031	-.603	90	487	-.137	.027	-.046	-.229	90	850	-.343	.139	.067	-1.053
90	438	-.193	.044	-.044	-.460	90	801	-.254	.079	-.055	-.673	90	851	-.303	.109	.043	-.766
90	439	-.199	.052	-.035	-.695	90	802	-.259	.077	-.044	-.632	90	852	-.253	.056	-.071	-.453
90	440	-.202	.044	-.074	-.562	90	803	-.249	.073	-.022	-.630	90	853	-.196	.045	-.023	-.403
90	441	-.203	.031	-.103	-.405	90	804	-.215	.049	-.074	-.455	90	854	-.189	.044	-.045	-.443
90	442	-.221	.037	-.061	-.421	90	805	-.202	.030	-.103	-.313	90	855	-.196	.040	-.045	-.365
90	443	-.226	.045	-.088	-.533	90	806	-.184	.041	-.039	-.507	90	856	-.226	.058	-.075	-.533
90	444	-.227	.052	-.065	-.606	90	807	-.192	.046	-.040	-.408	90	857	-.034	.070	.307	-.278
90	445	-.232	.058	-.038	-.632	90	808	-.184	.047	-.037	-.469	90	858	-.135	.047	.003	-.380
90	446	-.191	.064	-.015	-.685	90	809	-.231	.063	-.038	-.598	90	859	-.130	.036	.012	-.272
90	447	-.205	.070	-.033	-.813	90	810	-.232	.067	-.048	-.543	90	901	-.213	.055	-.043	-.536
90	448	-.205	.060	-.025	-.597	90	811	-.245	.065	-.027	-.566	90	902	-.224	.064	-.037	-.695
90	449	-.195	.042	-.008	-.415	90	812	-.206	.047	-.063	-.453	90	903	-.222	.078	.035	-.752
90	450	-.213	.043	-.029	-.410	90	813	-.199	.047	-.039	-.455	90	904	-.244	.106	.038	-.906
90	451	-.231	.053	-.087	-.584	90	814	-.180	.044	-.029	-.502	90	905	-.279	.128	.064	-.992
90	452	-.228	.056	-.034	-.680	90	815	-.192	.045	-.028	-.403	90	906	-.321	.164	.097	-1.693

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	907	-.469	.207	.076	-1.579	90	957	-.352	.142	.024	-1.168	100	121	-.225	.070	.000	-.611
90	908	-.430	.228	.385	-1.999	90	958	-.205	.114	.228	-.753	100	122	-.224	.056	.015	-.645
90	909	-.210	.057	-.037	-.624	90	959	-.187	.087	.079	-.650	100	123	-.252	.048	-.120	-.541
90	910	-.217	.057	-.022	-.660	90	960	-.240	.091	.086	-.688	100	124	-.453	.228	.228	-1.621
90	911	-.203	.068	.069	-.517	90	961	-.201	.105	.086	-.638	100	125	-.260	.097	.050	-.975
90	912	-.214	.044	-.063	-.438	90	962	-.174	.062	.034	-.428	100	126	-.221	.072	.022	-.684
90	913	-.248	.106	.053	-.791	90	963	-.221	.059	.043	-.474	100	127	-.220	.054	-.005	-.550
90	914	-.278	.135	.071	-1.033	90	964	-.185	.056	-.022	-.599	100	128	-.226	.045	-.007	-.608
90	915	-.386	.232	.274	-2.006	90	965	-.158	.045	-.031	-.428	100	129	-.255	.050	-.065	-.528
90	916	-.413	.181	.131	-1.817	90	966	-.174	.033	-.051	-.313	100	130	-.487	.193	.059	-1.299
90	917	-.211	.052	-.049	-.472	90	967	-.176	.036	-.029	-.347	100	131	-.266	.093	-.035	-.928
90	918	-.225	.057	-.030	-.486	90	968	-.147	.051	.038	-.325	100	132	-.216	.051	-.039	-.474
90	919	-.324	.187	.513	-1.328	90	969	-.171	.038	-.010	-.376	100	133	-.209	.040	-.068	-.434
90	920	-.298	.217	.526	-1.377	90	970	-.231	.066	-.017	-.597	100	134	-.222	.039	-.108	-.380
90	921	-.216	.068	.013	-.482	90	971	-.261	.090	-.046	-.876	100	135	-.276	.071	-.103	-.585
90	922	-.210	.097	.176	-.792	90	972	-.180	.043	-.029	-.421	100	136	-.378	.140	.017	-1.135
90	923	-.228	.161	.321	-.994	90	973	-.178	.031	-.070	-.313	100	137	-.246	.093	.007	-.806
90	924	-.218	.057	-.025	-.514	90	974	-.118	.060	.142	-.344	100	138	-.202	.049	-.051	-.518
90	925	-.225	.058	-.044	-.472	90	975	-.152	.038	.007	-.320	100	139	-.193	.035	-.053	-.354
90	926	-.242	.169	.515	-1.036	90	976	-.146	.037	.012	-.306	100	140	-.207	.036	-.086	-.389
90	927	-.240	.192	.673	-.950	90	977	-.156	.036	-.051	-.335	100	141	-.264	.074	-.053	-.640
90	928	-.265	.077	-.018	-.738	90	978	-.150	.030	-.027	-.342	100	142	-.286	.098	-.028	-.880
90	929	-.231	.139	.344	-.690	90	979	-.015	.064	.217	-.379	100	143	-.225	.078	-.010	-.857
90	930	-.119	.179	.574	-.785	90	980	-.023	.049	.251	-.194	100	144	-.223	.062	-.000	-.569
90	931	-.224	.060	-.058	-.516	90	981	.012	.056	.277	-.180	100	145	-.215	.050	-.074	-.455
90	932	-.228	.069	.003	-.664	90	982	.045	.065	.306	-.148	100	146	-.192	.038	-.033	-.407
90	933	-.226	.140	.425	-.890	90	983	-.035	.060	.195	-.342	100	147	-.201	.048	-.063	-.493
90	934	-.254	.152	.530	-.906	90	984	-.040	.054	.166	-.284	100	148	-.199	.046	-.034	-.463
90	935	-.237	.072	.140	-.573	90	985	-.007	.056	.276	-.227	100	149	-.197	.043	-.046	-.375
90	936	-.268	.109	.149	-.841	90	986	.021	.055	.283	-.162	100	150	-.158	.040	.027	-.370
90	937	-.250	.124	.278	-1.046	100	101	-.310	.133	.196	-1.205	100	151	-.121	.089	.305	-.544
90	938	-.227	.061	-.039	-.524	100	102	-.288	.099	.058	-.835	100	152	-.006	.087	.381	-.388
90	939	-.223	.065	.039	-1.106	100	103	-.252	.093	.030	-.769	100	153	-.037	.079	.235	-.737
90	940	-.280	.122	.520	-.902	100	104	-.247	.121	.315	-.923	100	154	-.190	.040	.019	-.458
90	941	-.289	.128	.319	-1.141	100	105	-.262	.081	.028	-.654	100	155	-.174	.037	-.019	-.330
90	942	-.228	.054	-.070	-.631	100	106	-.330	.121	.039	-1.169	100	156	-.139	.047	.067	-.310
90	943	-.228	.065	.049	-.560	100	107	-.308	.116	-.037	-1.434	100	157	-.060	.097	.366	-.401
90	944	-.230	.078	.089	-.642	100	108	-.283	.108	-.011	-.965	100	158	-.061	.088	.439	-.395
90	945	-.254	.086	.103	-.787	100	109	-.264	.090	-.007	-.771	100	159	-.045	.096	.424	-.333
90	946	-.303	.075	-.020	-.628	100	110	-.256	.079	-.024	-.617	100	160	-.008	.078	.318	-.272
90	947	-.334	.124	.084	-.981	100	111	-.261	.069	-.064	-.607	100	161	.021	.086	.371	-.328
90	948	-.338	.117	.172	-.923	100	112	-.295	.108	.128	-.908	100	162	-.135	.063	.102	-.448
90	949	-.328	.124	.080	-1.068	100	113	-.259	.088	-.002	-.858	100	163	-.039	.089	.396	-.360
90	950	-.239	.069	-.038	-.708	100	114	-.246	.078	.015	-.574	100	164	-.045	.085	.305	-.516
90	951	-.234	.070	-.030	-.693	100	115	-.235	.071	-.007	-.673	100	165	-.209	.054	-.016	-.544
90	952	-.254	.094	.034	-.872	100	116	-.235	.061	-.065	-.708	100	166	-.198	.057	-.001	-.526
90	953	-.275	.100	.094	-1.089	100	117	-.243	.057	-.063	-.584	100	167	-.171	.048	.047	-.360
90	954	-.325	.128	.105	-1.375	100	118	-.315	.171	.132	-1.249	100	168	-.124	.046	.120	-.295
90	955	-.354	.135	.048	-1.107	100	119	-.246	.104	.054	-.799	100	169	-.130	.055	.044	-.401
90	956	-.356	.134	.018	-1.313	100	120	-.227	.079	.045	-.598	100	170	-.122	.037	.037	-.250

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	201	-.342	.096	.082	-.854	100	251	.017	.109	.616	-.267	100	324	-.260	.062	.032	-.695
100	202	-.305	.170	.504	-1.098	100	252	-.108	.119	.507	-.502	100	325	-.221	.100	.207	-.665
100	203	-.311	.125	.481	-.857	100	253	-.325	.159	.186	-1.081	100	326	-.245	.128	.327	-.662
100	204	-.313	.085	.103	-.662	100	254	-.303	.178	.231	-1.197	100	327	-.316	.157	.327	-.807
100	205	-.264	.173	.541	-1.218	100	255	-.135	.097	.219	-.558	100	328	-.383	.164	.299	-1.049
100	206	-.350	.083	-.086	-.820	100	256	-.038	.085	.332	-.307	100	329	-.384	.156	.304	-1.360
100	207	-.349	.077	-.111	-.835	100	257	-.014	.093	.489	-.360	100	330	-.245	.053	.022	-.536
100	208	-.354	.085	-.052	-.885	100	258	-.037	.083	.411	-.310	100	331	-.210	.090	.294	-.505
100	209	-.365	.110	-.042	-1.126	100	259	-.094	.073	.272	-.302	100	332	-.222	.116	.287	-.650
100	210	-.346	.129	.255	-1.284	100	260	-.168	.072	.075	-.527	100	333	-.276	.149	.244	-.859
100	211	-.305	.146	.555	-.945	100	261	-.336	.116	-.001	-1.041	100	334	-.389	.184	.336	-1.276
100	212	-.299	.170	.400	-1.272	100	262	-.056	.061	.211	-.314	100	335	-.416	.182	.250	-1.140
100	213	-.322	.166	.359	-1.544	100	263	-.012	.099	.642	-.251	100	336	-.249	.059	-.058	-.730
100	214	-.354	.086	-.003	-.840	100	264	-.036	.086	.309	-.274	100	337	-.178	.091	.196	-.788
100	215	-.338	.078	-.057	-.934	100	265	-.209	.056	-.044	-.574	100	338	-.154	.125	.344	-.672
100	216	-.351	.089	-.069	-.941	100	266	-.079	.109	.455	-.481	100	339	-.162	.156	.409	-.725
100	217	-.346	.091	.004	-1.058	100	267	-.114	.095	.271	-.441	100	340	-.216	.211	.492	-1.238
100	218	-.305	.115	.115	-.826	100	268	-.121	.074	.200	-.537	100	341	-.292	.235	.520	-1.500
100	219	-.274	.126	.204	-.714	100	269	-.006	.088	.449	-.239	100	342	-.280	.077	-.046	-.786
100	220	-.270	.155	.403	-.868	100	270	-.016	.082	.370	-.181	100	343	-.195	.062	.153	-.438
100	221	-.290	.150	.237	-.892	100	271	-.053	.084	.322	-.264	100	344	-.186	.074	.216	-.531
100	222	-.346	.109	.129	-.927	100	272	-.052	.072	.269	-.302	100	345	-.192	.096	.331	-.536
100	223	-.353	.099	.161	-.952	100	273	.014	.074	.334	-.178	100	346	-.224	.124	.369	-.677
100	224	-.295	.081	.088	-.637	100	274	.007	.075	.306	-.193	100	347	-.306	.176	.241	-1.679
100	225	-.279	.102	.201	-.724	100	275	.018	.079	.349	-.269	100	348	-.194	.079	.158	-.711
100	226	-.249	.135	.336	-.695	100	276	-.028	.067	.264	-.198	100	349	-.173	.056	.110	-.408
100	227	-.191	.168	.432	-.866	100	277	-.232	.059	-.057	-.660	100	401	-.316	.107	-.034	-1.023
100	228	-.204	.205	.721	-.959	100	301	-.330	.113	.032	-1.179	100	402	-.304	.084	-.063	-.735
100	229	-.261	.196	.473	-1.000	100	302	-.339	.087	.094	-.772	100	403	-.294	.086	-.049	-.836
100	230	-.382	.152	.177	-1.229	100	303	-.321	.078	-.032	-.639	100	404	-.302	.111	.018	-1.434
100	231	-.357	.137	.129	-1.115	100	304	-.326	.102	-.052	-.845	100	405	-.286	.070	-.020	-.564
100	232	-.234	.099	.232	-.552	100	305	-.326	.070	.062	-.624	100	406	-.264	.085	-.047	-.725
100	233	-.185	.121	.492	-.578	100	306	-.290	.083	.001	-.685	100	407	-.252	.075	-.026	-.724
100	234	-.091	.157	.671	-.593	100	307	-.290	.083	.060	-.696	100	408	-.242	.063	-.034	-.502
100	235	-.028	.198	.678	-.633	100	308	-.310	.083	.200	-.642	100	409	-.246	.057	-.051	-.494
100	236	-.029	.199	.738	-.683	100	309	-.327	.077	-.013	-.683	100	410	-.259	.059	-.082	-.570
100	237	-.256	.244	.572	-1.399	100	310	-.345	.076	-.054	-.714	100	411	-.266	.069	-.065	-.691
100	238	-.443	.199	.338	-1.511	100	311	-.352	.074	-.126	-.882	100	412	-.283	.085	-.052	-.801
100	239	-.323	.156	.244	-1.078	100	312	-.256	.066	-.026	-.584	100	413	-.299	.093	-.024	-.807
100	240	-.142	.112	.405	-.463	100	313	-.235	.092	.124	-.629	100	414	-.248	.067	-.015	-.596
100	241	-.057	.098	.366	-.375	100	314	-.261	.102	.208	-.627	100	415	-.245	.063	-.066	-.649
100	242	.037	.135	.572	-.337	100	315	-.307	.104	.175	-.681	100	416	-.241	.054	-.066	-.618
100	243	.096	.156	.767	-.430	100	316	-.338	.095	.103	-.896	100	417	-.237	.045	-.074	-.432
100	244	.013	.155	.910	-.564	100	317	-.337	.080	.106	-.732	100	418	-.247	.049	-.089	-.584
100	245	-.319	.231	.442	-1.529	100	318	-.259	.065	-.032	-.668	100	419	-.255	.061	-.079	-.733
100	246	-.327	.245	.583	-1.965	100	319	-.222	.102	.146	-.588	100	420	-.258	.068	-.040	-.628
100	247	-.192	.138	.402	-.819	100	320	-.242	.126	.312	-.736	100	421	-.265	.070	-.044	-.659
100	248	-.071	.089	.475	-.352	100	321	-.310	.142	.259	-.845	100	422	-.241	.056	-.068	-.570
100	249	-.011	.083	.370	-.269	100	322	-.357	.134	.296	-1.111	100	423	-.240	.052	-.074	-.601
100	250	.022	.097	.418	-.317	100	323	-.354	.104	.141	-.784	100	424	-.240	.047	-.098	-.470

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	425	-.240	.038	-.109	-.517	100	475	-.162	.047	.018	-.430	100	838	-.213	.046	-.079	-.482
100	426	-.247	.045	-.117	-.512	100	476	-.177	.054	-.015	-.464	100	839	-.269	.077	-.103	-.685
100	427	-.251	.062	-.071	-.736	100	477	-.201	.053	-.049	-.487	100	840	-.315	.101	-.083	-.960
100	428	-.260	.068	-.075	-.787	100	478	-.192	.047	-.039	-.409	100	841	-.106	.136	.470	-.703
100	429	-.266	.074	-.079	-.741	100	479	-.163	.034	-.039	-.276	100	842	-.215	.113	.229	-.750
100	430	-.248	.060	-.087	-.683	100	480	-.128	.055	.091	-.378	100	843	-.213	.112	.176	-.729
100	431	-.250	.064	-.096	-.877	100	481	-.100	.051	.127	-.347	100	844	-.209	.088	.171	-.520
100	432	-.260	.066	-.105	-.905	100	482	-.096	.055	.208	-.241	100	845	-.193	.054	-.002	-.427
100	433	-.254	.045	-.087	-.486	100	483	-.131	.040	.049	-.253	100	846	-.219	.047	-.007	-.430
100	434	-.248	.041	-.112	-.419	100	484	-.158	.033	-.023	-.288	100	847	-.300	.098	-.132	-.877
100	435	-.248	.051	-.075	-.519	100	485	-.174	.035	-.022	-.345	100	848	-.253	.068	-.098	-.643
100	436	-.253	.065	-.036	-.700	100	486	-.173	.031	-.053	-.347	100	849	-.271	.159	.217	-1.354
100	437	-.256	.062	-.019	-.694	100	487	-.159	.031	-.013	-.290	100	850	-.266	.136	.126	-1.018
100	438	-.280	.095	-.050	-1.043	100	801	-.286	.093	-.021	-.742	100	851	-.239	.123	.219	-.774
100	439	-.295	.107	-.047	-1.053	100	802	-.295	.097	-.029	-.796	100	852	-.209	.068	-.007	-.454
100	440	-.305	.097	-.099	-.896	100	803	-.257	.088	-.041	-.707	100	853	-.190	.049	.041	-.349
100	441	-.260	.050	-.075	-.531	100	804	-.229	.052	-.086	-.471	100	854	-.212	.054	-.007	-.458
100	442	-.244	.041	-.057	-.429	100	805	-.220	.030	-.134	-.337	100	855	-.248	.068	-.072	-.583
100	443	-.242	.047	-.044	-.500	100	806	-.199	.041	-.077	-.406	100	856	-.349	.103	-.130	-.909
100	444	-.242	.056	-.069	-.790	100	807	-.195	.048	-.019	-.492	100	857	-.071	.091	.551	-.388
100	445	-.242	.063	-.028	-.665	100	808	-.211	.057	-.058	-.519	100	858	-.109	.047	.075	-.309
100	446	-.275	.098	-.020	-1.052	100	809	-.238	.066	-.007	-.594	100	859	-.121	.052	.178	-.270
100	447	-.313	.111	-.056	-.919	100	810	-.225	.079	.057	-.606	100	901	-.259	.076	-.055	-.647
100	448	-.293	.091	-.011	-.758	100	811	-.240	.070	-.027	-.554	100	902	-.264	.085	-.037	-.761
100	449	-.232	.043	.012	-.424	100	812	-.208	.049	-.070	-.468	100	903	-.266	.102	-.008	-1.015
100	450	-.252	.050	-.082	-.613	100	813	-.209	.048	-.029	-.449	100	904	-.273	.112	.049	-.991
100	451	-.279	.064	-.115	-.763	100	814	-.190	.044	-.041	-.605	100	905	-.298	.127	.049	-1.352
100	452	-.264	.066	-.052	-.823	100	815	-.218	.046	-.078	-.468	100	906	-.324	.150	.110	-1.370
100	453	-.259	.062	-.052	-.682	100	816	-.234	.056	-.073	-.489	100	907	-.343	.144	.114	-1.276
100	454	-.232	.063	-.059	-.672	100	817	-.141	.083	.193	-.617	100	908	-.336	.157	.268	-1.262
100	455	-.221	.060	-.075	-.595	100	818	-.150	.063	.114	-.503	100	909	-.261	.084	-.028	-.840
100	456	-.213	.045	-.044	-.464	100	819	-.159	.056	.080	-.588	100	910	-.258	.087	.020	-.720
100	457	-.218	.043	-.031	-.401	100	820	-.190	.046	.015	-.516	100	911	-.244	.100	.121	-.708
100	458	-.245	.054	-.100	-.548	100	821	-.167	.046	.066	-.370	100	912	-.246	.066	-.050	-.588
100	459	-.308	.088	-.090	-.778	100	822	-.209	.041	-.079	-.407	100	913	-.255	.117	.204	-.954
100	460	-.330	.101	-.150	-1.089	100	823	-.216	.042	-.072	-.412	100	914	-.271	.126	.156	-.860
100	461	-.332	.114	-.105	-1.083	100	824	-.068	.092	.284	-.365	100	915	-.306	.142	.351	-.957
100	462	-.212	.035	-.113	-.398	100	825	-.047	.081	.303	-.344	100	916	-.303	.133	.235	-.940
100	463	-.218	.035	-.115	-.428	100	826	-.218	.040	-.082	-.405	100	917	-.247	.071	-.066	-.696
100	464	-.216	.036	-.100	-.380	100	827	-.215	.040	-.101	-.468	100	918	-.254	.079	.044	-.624
100	465	-.176	.040	-.039	-.335	100	828	.004	.099	.478	-.319	100	919	-.281	.161	.384	-.980
100	466	-.209	.041	-.057	-.403	100	829	-.211	.036	-.103	-.393	100	920	-.323	.165	.509	-1.330
100	467	-.186	.034	-.056	-.305	100	830	-.016	.095	.490	-.397	100	921	-.264	.089	.027	-.684
100	468	-.182	.030	-.082	-.283	100	831	-.005	.099	.366	-.341	100	922	-.233	.106	.160	-.708
100	469	-.174	.022	-.089	-.257	100	832	-.214	.039	-.082	-.439	100	923	-.242	.136	.320	-.763
100	470	-.182	.035	-.018	-.305	100	833	-.225	.052	-.082	-.646	100	924	-.259	.075	.011	-.662
100	471	-.167	.034	-.030	-.336	100	834	-.015	.106	.417	-.390	100	925	-.268	.074	.050	-.638
100	472	-.167	.032	-.032	-.307	100	835	-.054	.105	.625	-.484	100	926	-.320	.137	.692	-.875
100	473	-.138	.047	.049	-.388	100	836	-.046	.073	.265	-.378	100	927	-.360	.136	.331	-1.247
100	474	-.129	.039	.084	-.302	100	837	-.177	.071	.234	-.422	100	928	-.285	.091	-.004	-.719

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	929	-.287	.135	.305	-.787
100	930	-.309	.125	.277	-.798
100	931	-.286	.088	-.061	-.845
100	932	-.295	.090	.006	-.704
100	933	-.362	.102	.148	-.956
100	934	-.379	.120	.119	-1.413
100	935	-.304	.086	.047	-.819
100	936	-.317	.080	.081	-.716
100	937	-.315	.075	.024	-.647
100	938	-.305	.101	.009	-.953
100	939	-.304	.092	.001	-.893
100	940	-.366	.089	-.089	-.836
100	941	-.373	.090	-.045	-.943
100	942	-.303	.084	-.069	-.834
100	943	-.308	.099	-.034	-1.039
100	944	-.308	.108	-.019	-.927
100	945	-.321	.092	.026	-.929
100	946	-.333	.062	-.082	-.634
100	947	-.342	.076	-.089	-.867
100	948	-.346	.077	-.071	-.891
100	949	-.355	.079	-.110	-.834
100	950	-.310	.109	-.050	-.814
100	951	-.326	.114	-.017	-.998
100	952	-.318	.109	-.015	-1.035
100	953	-.325	.094	-.032	-.824
100	954	-.335	.091	.026	-.729
100	955	-.348	.079	-.068	-.835
100	956	-.343	.080	-.010	-.814
100	957	-.349	.076	-.109	-.730
100	958	-.202	.104	.178	-.964
100	959	-.252	.097	.038	-.798
100	960	-.188	.098	.161	-.547
100	961	-.184	.106	.209	-.692
100	962	-.221	.069	.038	-.571
100	963	-.207	.078	.253	-.467
100	964	-.172	.063	.067	-.617
100	965	-.181	.052	.038	-.424
100	966	-.211	.037	-.101	-.349
100	967	-.204	.037	-.077	-.458
100	968	-.152	.055	.087	-.383
100	969	-.202	.040	-.082	-.395
100	970	-.247	.071	-.039	-.655
100	971	-.346	.130	-.087	-1.106
100	972	-.208	.052	.002	-.453
100	973	-.204	.039	-.087	-.409
100	974	-.112	.069	.188	-.316
100	975	-.176	.046	-.015	-.429
100	976	-.185	.044	.026	-.455
100	977	-.187	.040	-.058	-.431
100	978	-.185	.037	-.029	-.347
100	979	-.064	.078	.224	-.376
100	980	-.047	.067	.232	-.828
100	981	-.017	.072	.251	-.265
100	982	.006	.078	.405	-.219
100	983	-.073	.068	.226	-.470
100	984	-.068	.059	.177	-.298
100	985	-.028	.069	.243	-.278
100	986	.003	.078	.406	-.271
101	101	-.379	.097	.421	-1.193
102	102	-.352	.096	-.081	-.832
103	103	-.348	.081	-.046	-.685
104	104	-.355	.081	.060	-.760
105	105	-.343	.095	-.059	-1.230
106	106	-.399	.096	-.016	-.997
107	107	-.388	.087	-.067	-.829
108	108	-.365	.093	-.092	-.772
109	109	-.341	.091	-.076	-.889
110	110	-.334	.093	-.059	-.793
111	111	-.312	.073	-.032	-.662
112	112	-.411	.104	-.064	-.916
113	113	-.370	.091	-.067	-.780
114	114	-.339	.081	-.081	-.844
115	115	-.321	.074	-.030	-.738
116	116	-.361	.093	-.079	-.625
117	117	-.305	.058	-.092	-.545
118	118	-.391	.150	.069	-1.150
119	119	-.335	.116	.009	-.959
120	120	-.312	.095	.014	-.794
121	121	-.297	.070	-.062	-.657
122	122	-.285	.055	-.043	-.651
123	123	-.306	.054	-.114	-.649
124	124	-.469	.192	.058	-1.489
125	125	-.337	.133	.087	-1.342
126	126	-.302	.084	-.024	-1.016
127	127	-.280	.055	-.049	-.643
128	128	-.290	.048	.001	-.516
129	129	-.331	.060	-.143	-.606
130	130	-.502	.175	.022	-1.472
131	131	-.352	.134	-.088	-1.358
132	132	-.287	.065	-.094	-.867
133	133	-.280	.053	-.083	-.518
134	134	-.291	.047	-.076	-.748
135	135	-.379	.078	-.175	-.746
136	136	-.443	.148	-.068	-1.446
137	137	-.330	.122	-.068	-1.184
138	138	-.256	.066	-.056	-.742
139	139	-.232	.044	-.076	-.450
140	140	-.232	.041	-.078	-.410
141	141	-.283	.073	-.095	-.657
142	142	-.377	.122	-.168	-1.156
110	143	-.267	.079	-.048	-.762
110	144	-.251	.068	-.008	-.600
110	145	-.242	.057	.002	-.602
110	146	-.220	.043	-.063	-.452
110	147	-.224	.046	-.071	-.482
110	148	-.234	.054	-.040	-.650
110	149	-.219	.052	.020	-.494
110	150	-.167	.044	.010	-.315
110	151	-.166	.069	.199	-.512
110	152	-.075	.105	.418	-.544
110	153	-.085	.077	.320	-.451
110	154	-.211	.045	.063	-.418
110	155	-.209	.041	-.066	-.393
110	156	-.162	.060	.111	-.429
110	157	-.127	.071	.315	-.388
110	158	-.118	.069	.350	-.408
110	159	-.109	.071	.252	-.408
110	160	-.058	.061	.342	-.378
110	161	-.036	.066	.376	-.308
110	162	-.164	.092	.154	-.555
110	163	-.108	.075	.234	-.396
110	164	-.099	.066	.262	-.517
110	165	-.222	.070	.053	-.607
110	166	-.212	.067	.003	-.565
110	167	-.171	.062	.073	-.408
110	168	-.124	.054	.179	-.325
110	169	-.134	.064	.081	-.746
110	170	-.135	.046	.030	-.363
110	201	-.412	.094	-.021	-.952
110	202	-.409	.109	.125	-.960
110	203	-.391	.087	.224	-.794
110	204	-.384	.089	.246	-.778
110	205	-.401	.110	.086	-1.105
110	206	-.412	.091	-.129	-.875
110	207	-.409	.090	-.167	-.996
110	208	-.405	.085	-.172	-1.084
110	209	-.397	.076	-.143	-.924
110	210	-.413	.093	-.121	-.955
110	211	-.411	.098	-.060	-1.096
110	212	-.415	.115	.274	-1.127
110	213	-.417	.114	.033	-.947
110	214	-.419	.127	.012	-1.242
110	215	-.429	.130	-.106	-1.379
110	216	-.402	.097	-.123	-1.006
110	217	-.404	.089	-.102	-.900
110	218	-.411	.099	-.063	-1.009
110	219	-.419	.108	.115	-1.122
110	220	-.447	.132	.034	-1.142
110	221	-.436	.133	.212	-1.024
110	222	-.470	.235	.101	-1.953

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	223	-.501	.238	-.006	-1.788	110	273	-.022	.088	.450	-.223	110	346	-.110	.105	.417	-.530
110	224	-.415	.169	.090	-1.422	110	274	-.035	.082	.425	-.271	110	347	-.149	.120	.695	-.848
110	225	-.370	.110	-.064	-1.206	110	275	-.026	.079	.334	-.289	110	348	-.097	.113	.521	-.365
110	226	-.346	.106	.047	-.829	110	276	-.056	.076	.271	-.385	110	349	-.109	.082	.286	-.309
110	227	-.346	.133	.155	-1.024	110	277	-.264	.077	.033	-.625	110	401	-.321	.072	-.083	-.739
110	228	-.373	.170	.651	-1.020	110	301	-.383	.121	.138	-.893	110	402	-.341	.084	-.103	-.942
110	229	-.366	.192	.302	-1.627	110	302	-.389	.097	.229	-.882	110	403	-.320	.066	-.126	-.772
110	230	-.464	.306	.276	-1.924	110	303	-.366	.091	-.007	-.776	110	404	-.317	.071	-.078	-.830
110	231	-.474	.308	.220	-1.750	110	304	-.382	.112	-.039	-.990	110	405	-.335	.075	-.058	-.836
110	232	-.353	.217	.232	-2.047	110	305	-.386	.078	.026	-.745	110	406	-.318	.084	-.036	-.727
110	233	-.242	.118	.302	-.800	110	306	-.325	.095	.012	-.762	110	407	-.314	.076	-.078	-.669
110	234	-.213	.115	.241	-.693	110	307	-.313	.108	.119	-.803	110	408	-.307	.066	-.109	-.631
110	235	-.158	.164	.697	-.791	110	308	-.353	.103	.116	-.771	110	409	-.304	.057	-.112	-.561
110	236	-.186	.218	.636	-1.193	110	309	-.382	.097	.034	-.826	110	410	-.311	.065	-.080	-.606
110	237	-.371	.243	.402	-1.437	110	310	-.395	.085	-.012	-.709	110	411	-.320	.085	-.078	-.903
110	238	-.296	.291	.460	-1.697	110	311	-.402	.081	-.007	-.707	110	412	-.337	.100	-.047	-.824
110	239	-.302	.284	.372	-1.598	110	312	-.280	.075	.016	-.738	110	413	-.357	.116	-.072	-.990
110	240	-.146	.146	.300	-1.076	110	313	-.186	.138	.277	-.660	110	414	-.305	.073	-.063	-.814
110	241	-.086	.098	.249	-.479	110	314	-.204	.157	.389	-.712	110	415	-.301	.065	-.046	-.786
110	242	-.053	.115	.423	-.492	110	315	-.264	.155	.311	-.809	110	416	-.295	.059	-.121	-.645
110	243	-.039	.146	.539	-.510	110	316	-.347	.125	.236	-.775	110	417	-.286	.051	-.111	-.577
110	244	-.174	.201	.527	-1.229	110	317	-.379	.108	.372	-.896	110	418	-.298	.059	-.117	-.708
110	245	-.408	.235	.354	-1.449	110	318	-.274	.073	.034	-.725	110	419	-.307	.067	-.097	-.716
110	246	-.036	.214	.645	-1.249	110	319	-.118	.144	.415	-.766	110	420	-.309	.074	-.091	-.897
110	247	-.130	.187	.461	-1.114	110	320	-.071	.188	.556	-.737	110	421	-.324	.081	-.077	-.787
110	248	-.053	.119	.416	-.578	110	321	-.152	.210	.545	-.922	110	422	-.298	.064	-.060	-.779
110	249	-.029	.096	.381	-.396	110	322	-.257	.197	.476	-1.067	110	423	-.296	.059	-.091	-.604
110	250	-.023	.103	.341	-.343	110	323	-.375	.152	.251	-1.011	110	424	-.295	.056	-.138	-.626
110	251	-.049	.112	.596	-.443	110	324	-.278	.063	.060	-.569	110	425	-.294	.047	-.145	-.486
110	252	-.210	.140	.376	-1.008	110	325	-.077	.132	.423	-.630	110	426	-.293	.053	-.116	-.634
110	253	-.426	.156	.124	-2.093	110	326	-.012	.184	.487	-.694	110	427	-.302	.066	-.113	-.726
110	254	-.184	.109	.356	-.728	110	327	-.011	.234	.564	-.711	110	428	-.302	.074	-.096	-.870
110	255	-.145	.103	.252	-.856	110	328	-.106	.242	.645	-.740	110	429	-.318	.076	-.097	-.653
110	256	-.088	.084	.334	-.381	110	329	-.266	.200	.418	-.970	110	430	-.327	.074	-.132	-.854
110	257	-.062	.098	.339	-.403	110	330	-.273	.052	-.053	-.586	110	431	-.340	.078	-.148	-.915
110	258	-.065	.094	.451	-.513	110	331	-.095	.097	.265	-.732	110	432	-.337	.071	-.160	-.829
110	259	-.095	.096	.391	-.473	110	332	.019	.156	.515	-.627	110	433	-.316	.051	-.160	-.620
110	260	-.194	.106	.254	-.783	110	333	.063	.295	.612	-.671	110	434	-.290	.047	-.134	-.535
110	261	-.421	.126	-.080	-1.306	110	334	-.087	.237	.835	-.638	110	435	-.282	.056	-.118	-.693
110	262	-.077	.068	.281	-.438	110	335	-.035	.223	.663	-.849	110	436	-.283	.064	-.091	-.715
110	263	-.062	.103	.367	-.385	110	336	-.376	.088	-.053	-.933	110	437	-.294	.069	-.071	-.850
110	264	-.082	.091	.304	-.339	110	337	-.157	.072	.207	-.455	110	438	-.418	.128	-.147	-1.158
110	265	-.238	.062	.053	-.673	110	338	-.057	.108	.347	-.838	110	439	-.411	.121	-.140	-1.113
110	266	-.206	.103	.233	-.645	110	339	.039	.154	.542	-.463	110	440	-.380	.103	-.105	-.949
110	267	-.215	.088	.261	-.605	110	340	.111	.204	.745	-.530	110	441	-.328	.045	-.194	-.574
110	268	-.160	.057	.076	-.537	110	341	.073	.222	.860	-.973	110	442	-.298	.051	-.120	-.634
110	269	-.079	.091	.296	-.468	110	342	-.412	.113	-.063	-.875	110	443	-.280	.055	-.072	-.573
110	270	-.059	.068	.392	-.246	110	343	-.215	.066	.070	-.453	110	444	-.279	.057	-.057	-.678
110	271	-.125	.075	.306	-.329	110	344	-.163	.075	.187	-.408	110	445	-.274	.057	-.088	-.660
110	272	-.098	.058	.177	-.342	110	345	-.131	.092	.352	-.488	110	446	-.304	.094	-.085	-.827

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	447	-.308	.092	-.065	-.793	110	810	-.275	.093	.019	-.78	110	901	-.323	.092	-.031	-.955
110	448	-.279	.073	-.023	-.775	110	811	-.263	.072	-.060	-.76	110	902	-.332	.104	-.047	-.990
110	449	-.311	.060	-.105	-.562	110	812	-.234	.056	.027	-.622	110	903	-.335	.112	.060	-1.135
110	450	-.414	.079	-.208	-.806	110	813	-.218	.053	-.041	-.461	110	904	-.349	.116	-.021	-.969
110	451	-.417	.092	-.203	-.907	110	814	-.191	.050	.067	-.487	110	905	-.375	.111	-.073	-1.064
110	452	-.381	.089	-.183	-.781	110	815	-.253	.047	-.106	-.479	110	906	-.399	.116	-.072	-1.321
110	453	-.385	.092	-.175	-.975	110	816	-.269	.057	-.103	-.529	110	907	-.411	.109	-.023	-.939
110	454	-.265	.057	-.077	-.517	110	817	-.192	.097	.230	-.605	110	908	-.421	.120	-.006	-1.136
110	455	-.247	.055	-.086	-.528	110	818	-.198	.068	.071	-.662	110	909	-.337	.100	-.048	-.957
110	456	-.259	.052	-.100	-.472	110	819	-.191	.062	.028	-.535	110	910	-.332	.094	.032	-.766
110	457	-.283	.064	-.135	-.567	110	820	-.206	.054	.052	-.647	110	911	-.344	.109	-.047	-1.198
110	458	-.366	.096	-.143	-.869	110	821	-.156	.059	.179	-.350	110	912	-.349	.076	-.122	-.817
110	459	-.481	.143	-.150	-1.145	110	822	-.268	.053	-.124	-.485	110	913	-.377	.118	.128	-1.095
110	460	-.529	.162	-.198	-1.276	110	823	-.268	.061	-.136	-.565	110	914	-.388	.114	.037	-.974
110	461	-.547	.152	-.181	-1.306	110	824	-.114	.083	.251	-.453	110	915	-.424	.106	.198	-1.163
110	462	-.276	.048	-.157	-.486	110	825	-.198	.088	.256	-.542	110	916	-.407	.106	.141	-.967
110	463	-.271	.048	-.144	-.516	110	826	-.275	.058	-.136	-.548	110	917	-.341	.093	-.014	-.954
110	464	-.280	.051	-.134	-.486	110	827	-.285	.062	-.129	-.543	110	918	-.333	.094	-.045	-.923
110	465	-.213	.045	-.048	-.390	110	828	-.066	.099	.426	-.374	110	919	-.392	.099	-.034	-.845
110	466	-.258	.047	-.124	-.506	110	829	-.272	.052	-.112	-.555	110	920	-.416	.114	-.092	-1.284
110	467	-.212	.037	-.090	-.381	110	830	-.082	.089	.316	-.432	110	921	-.325	.074	-.037	-.642
110	468	-.200	.033	-.093	-.319	110	831	-.068	.100	.397	-.420	110	922	-.335	.084	-.037	-.714
110	469	-.188	.025	-.097	-.312	110	832	-.289	.061	-.124	-.553	110	923	-.364	.097	.152	-.829
110	470	-.198	.037	-.064	-.338	110	833	-.363	.099	-.143	-.816	110	924	-.341	.088	-.096	-.829
110	471	-.183	.040	-.012	-.407	110	834	-.084	.092	.328	-.499	110	925	-.340	.079	-.106	-.772
110	472	-.180	.037	-.047	-.362	110	835	-.089	.078	.395	-.369	110	926	-.388	.091	.070	-.903
110	473	-.155	.048	.041	-.390	110	836	-.068	.063	.333	-.337	110	927	-.394	.089	-.039	-.843
110	474	-.155	.042	.015	-.319	110	837	-.105	.104	.388	-.407	110	928	-.316	.068	-.124	-.712
110	475	-.209	.056	.046	-.590	110	838	-.283	.066	-.098	-.610	110	929	-.338	.098	.254	-.963
110	476	-.224	.064	.010	-.578	110	839	-.458	.147	-.163	-1.140	110	930	-.382	.093	.204	-.782
110	477	-.219	.073	-.033	-.571	110	840	-.497	.174	-.146	-1.484	110	931	-.351	.095	-.052	-.818
110	478	-.211	.060	-.023	-.571	110	841	-.152	.092	.261	-.863	110	932	-.349	.090	-.018	-.805
110	479	-.171	.032	-.031	-.316	110	842	-.171	.088	.084	-.672	110	933	-.390	.080	.024	-.919
110	480	-.133	.068	.143	-.497	110	843	-.159	.077	.149	-.599	110	934	-.402	.084	-.001	-.769
110	481	-.103	.058	.246	-.290	110	844	-.155	.067	.142	-.387	110	935	-.349	.093	.044	-.798
110	482	-.075	.076	.362	-.247	110	845	-.201	.057	.041	-.424	110	936	-.374	.094	.071	-.908
110	483	-.123	.052	.134	-.254	110	846	-.273	.056	-.092	-.519	110	937	-.386	.077	.038	-.771
110	484	-.161	.044	.072	-.359	110	847	-.442	.134	-.147	-1.224	110	938	-.355	.116	.036	-1.042
110	485	-.178	.048	.048	-.378	110	848	-.384	.100	-.152	-.728	110	939	-.358	.111	-.062	-1.092
110	486	-.181	.035	-.064	-.388	110	849	-.184	.107	.234	-.941	110	940	-.396	.086	.029	-1.119
110	487	-.171	.031	-.054	-.290	110	850	-.174	.087	.233	-.719	110	941	-.408	.090	-.088	-.933
110	801	-.365	.109	.006	-.946	110	851	-.150	.080	.090	-.630	110	942	-.363	.101	-.105	-.903
110	802	-.373	.105	-.113	-1.083	110	852	-.152	.041	.045	-.358	110	943	-.376	.121	-.062	-.974
110	803	-.295	.086	-.067	-.719	110	853	-.193	.047	.057	-.372	110	944	-.389	.142	-.029	-1.431
110	804	-.261	.059	-.048	-.509	110	854	-.287	.060	-.070	-.488	110	945	-.389	.112	-.006	-1.065
110	805	-.244	.032	-.133	-.405	110	855	-.380	.094	-.134	-.746	110	946	-.398	.068	-.214	-.718
110	806	-.217	.043	-.011	-.476	110	856	-.504	.145	-.160	-1.379	110	947	-.399	.084	-.052	-.829
110	807	-.211	.051	-.004	-.427	110	857	-.120	.077	.198	-.485	110	948	-.403	.083	-.044	-.802
110	808	-.246	.068	-.053	-.631	110	858	-.106	.054	.131	-.266	110	949	-.405	.088	-.032	-.978
110	809	-.307	.086	-.082	-.722	110	859	-.112	.064	.220	-.264	110	950	-.369	.120	-.057	-.908

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	951	-.393	.146	-.050	-1.319	120	115	-.326	.075	-.107	-.804	120	163	-.215	.087	.048	-.624
110	952	-.395	.136	-.002	-1.331	120	116	-.314	.061	-.143	-.656	120	166	-.197	.100	.084	-.740
110	953	-.396	.116	-.018	-1.166	120	117	-.316	.061	-.114	-.752	120	167	-.158	.082	.137	-.556
110	954	-.411	.100	-.037	-.985	120	118	-.393	.103	.142	-.983	120	168	-.119	.067	.132	-.394
110	955	-.404	.094	-.055	-.847	120	119	-.375	.097	-.067	-1.086	120	169	-.143	.086	.187	-.538
110	956	-.405	.087	.010	-.942	120	120	-.356	.083	-.046	-.783	120	170	-.154	.059	.064	-.434
110	957	-.425	.092	.128	-.991	120	121	-.329	.066	-.103	-.723	120	201	-.405	.162	.279	-1.071
110	958	-.178	.078	.225	-.619	120	122	-.313	.054	-.130	-.572	120	202	-.325	.127	.354	-.875
110	959	-.233	.076	.004	-.673	120	123	-.327	.055	-.141	-.690	120	203	-.293	.143	.342	-.758
110	960	-.144	.087	.222	-.530	120	124	-.453	.165	-.137	-1.469	120	204	-.335	.141	.287	-.966
110	961	-.130	.083	.205	-.491	120	125	-.432	.156	-.105	-1.438	120	205	-.301	.124	.336	-.774
110	962	-.206	.073	.053	-.518	120	126	-.394	.118	-.103	-1.064	120	206	-.572	.207	.134	-1.583
110	963	-.138	.100	.290	-.467	120	127	-.353	.085	-.116	-.924	120	207	-.593	.221	-.056	-1.701
110	964	-.136	.069	.159	-.433	120	128	-.332	.060	-.135	-.742	120	208	-.472	.134	-.087	-1.506
110	965	-.174	.059	.053	-.508	120	129	-.341	.059	-.168	-.663	120	209	-.424	.107	-.047	-1.012
110	966	-.279	.057	-.102	-.518	120	130	-.523	.210	-.073	-1.761	120	210	-.410	.107	.029	-1.123
110	967	-.256	.046	-.114	-.465	120	131	-.481	.191	-.026	-1.699	120	211	-.402	.101	-.034	-.923
110	968	-.138	.055	.133	-.363	120	132	-.428	.137	-.107	-1.198	120	212	-.407	.110	-.076	-.921
110	969	-.245	.046	-.083	-.445	120	133	-.372	.090	-.057	-.755	120	213	-.398	.115	-.044	-1.052
110	970	-.246	.076	-.003	-.714	120	134	-.352	.070	-.159	-.701	120	214	-.678	.282	-.076	-1.830
110	971	-.417	.142	-.102	-1.014	120	135	-.386	.070	-.171	-.741	120	215	-.630	.256	-.111	-2.271
110	972	-.249	.069	-.017	-.709	120	136	-.580	.249	-.049	-2.153	120	216	-.535	.175	-.070	-1.358
110	973	-.259	.067	-.092	-.690	120	137	-.506	.234	-.072	-1.888	120	217	-.435	.104	-.084	-.855
110	974	-.071	.086	.403	-.337	120	138	-.386	.141	-.029	-1.292	120	218	-.386	.093	-.029	-.970
110	975	-.189	.060	.004	-.465	120	139	-.297	.082	-.014	-.691	120	219	-.381	.087	.031	-.967
110	976	-.213	.060	-.017	-.685	120	140	-.281	.065	-.044	-.698	120	220	-.399	.106	.044	-1.023
110	977	-.206	.045	-.037	-.491	120	141	-.291	.067	-.067	-.603	120	221	-.397	.105	-.064	-.927
110	978	-.202	.045	-.061	-.440	120	142	-.435	.157	-.072	-1.645	120	222	-.766	.348	.015	-2.325
110	979	-.102	.071	.158	-.493	120	143	-.344	.147	-.044	-1.487	120	223	-.747	.322	-.061	-2.076
110	980	-.101	.067	.250	-.579	120	144	-.311	.116	-.027	-.914	120	224	-.602	.241	-.018	-1.681
110	981	-.072	.076	.329	-.373	120	145	-.288	.094	-.062	-.766	120	225	-.461	.140	-.059	-1.140
110	982	-.047	.085	.329	-.366	120	146	-.265	.074	-.027	-.788	120	226	-.404	.117	-.031	-1.004
110	983	-.107	.081	.153	-.669	120	147	-.262	.058	-.104	-.535	120	227	-.392	.111	.099	-1.071
110	984	-.113	.071	.134	-.767	120	148	-.230	.078	.132	-.591	120	228	-.412	.125	.125	-1.050
110	985	-.085	.073	.234	-.333	120	149	-.204	.079	.051	-.513	120	229	-.404	.132	.006	-1.242
110	986	-.056	.084	.328	-.415	120	150	-.165	.058	.079	-.384	120	230	-.876	.371	.198	-2.297
120	101	-.389	.113	.041	-.988	120	151	-.251	.095	.162	-.677	120	231	-.882	.340	.030	-2.250
120	102	-.347	.084	-.058	-.751	120	152	-.190	.109	.147	-.760	120	232	-.626	.275	.090	-2.197
120	103	-.351	.087	-.076	-.747	120	153	-.172	.111	.256	-.702	120	233	-.432	.156	.021	-1.220
120	104	-.371	.111	-.048	-.843	120	154	-.199	.068	.185	-.467	120	234	-.373	.138	.021	-1.146
120	105	-.327	.070	-.126	-.817	120	155	-.227	.056	-.002	-.563	120	235	-.350	.134	.304	-1.000
120	106	-.393	.107	-.088	-1.129	120	156	-.165	.079	.150	-.616	120	236	-.431	.168	.213	-1.312
120	107	-.376	.106	-.008	-.910	120	157	-.231	.089	.069	-1.119	120	237	-.444	.171	.117	-1.537
120	108	-.356	.099	-.078	-1.032	120	158	-.240	.093	-.012	-.616	120	238	-.682	.396	.316	-2.051
120	109	-.343	.091	-.015	-.897	120	159	-.239	.086	.079	-.629	120	239	-.876	.345	.128	-2.278
120	110	-.320	.073	.073	-.842	120	160	-.173	.096	.215	-.588	120	240	-.437	.246	.202	-1.967
120	111	-.328	.068	-.076	-.671	120	161	-.149	.083	.170	-.460	120	241	-.271	.128	.227	-1.05[illegible]
120	112	-.378	.095	.066	-.934	120	162	-.187	.112	.235	-.621	120	242	-.242	.151	.242	-.658
120	113	-.358	.082	-.103	-.798	120	163	-.219	.089	.011	-.573	120	243	-.254	.151	.362	-.819
120	114	-.341	.076	-.102	-.675	120	164	-.215	.099	.102	-.601	120	244	-.456	.214	.371	-1.464

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	245	-.524	.238	.156	-1.580	120	318	-.269	.044	-.051	-.452	120	419	-.291	.046	-.132	-.624
120	246	-.204	.285	.586	-1.514	120	319	-.000	.080	.322	-.335	120	420	-.294	.050	-.110	-.678
120	247	-.381	.270	.349	-1.602	120	320	.172	.118	.562	-.368	120	421	-.299	.052	-.148	-.618
120	248	-.184	.135	.314	-1.111	120	321	.253	.182	.843	-.459	120	422	-.336	.065	-.167	-.724
120	249	-.149	.116	.372	-.582	120	322	.166	.235	.956	-.697	120	423	-.325	.056	-.109	-.842
120	250	-.138	.119	.342	-.599	120	323	-.248	.238	.623	-1.108	120	424	-.315	.049	-.163	-.615
120	251	-.177	.138	.608	-.627	120	324	-.296	.047	-.084	-.579	120	425	-.303	.041	-.130	-.458
120	252	-.411	.230	.282	-1.594	120	325	-.053	.077	.322	-.493	120	426	-.294	.041	-.151	-.500
120	253	-.586	.242	.016	-1.880	120	326	.130	.103	.517	-.330	120	427	-.292	.045	-.141	-.741
120	254	-.243	.160	.435	-1.127	120	327	.315	.142	.797	-.482	120	428	-.288	.047	-.108	-.678
120	255	-.296	.163	.147	-1.024	120	328	.303	.196	.841	-.350	120	429	-.290	.047	-.132	-.692
120	256	-.172	.098	.164	-.587	120	329	-.053	.260	.656	-.777	120	430	-.353	.071	-.140	-.715
120	257	-.168	.110	.322	-.765	120	330	-.318	.061	-.114	-.567	120	431	-.349	.065	-.157	-.698
120	258	-.169	.115	.433	-.717	120	331	-.101	.063	.274	-.388	120	432	-.349	.065	-.151	-1.107
120	259	-.183	.123	.274	-.876	120	332	.094	.090	.570	-.261	120	433	-.323	.050	-.167	-.871
120	260	-.293	.175	.392	-1.270	120	333	.259	.139	.637	-.445	120	434	-.300	.042	-.123	-.505
120	261	-.512	.191	.062	-1.461	120	334	.361	.177	.909	-.499	120	435	-.289	.050	-.116	-.799
120	262	-.128	.115	.289	-.627	120	335	.152	.204	.784	-.573	120	436	-.283	.051	-.108	-.808
120	263	-.148	.107	.274	-.592	120	336	-.456	.098	-.138	-.932	120	437	-.280	.048	-.094	-.602
120	264	-.166	.102	.297	-.477	120	337	-.169	.055	.102	-.395	120	438	-.417	.104	-.061	-1.115
120	265	-.247	.068	.023	-.757	120	338	.004	.083	.351	-.286	120	439	-.414	.097	-.184	-.986
120	266	-.200	.118	.229	-.610	120	339	.151	.124	.579	-.418	120	440	-.409	.092	-.168	-.890
120	267	-.245	.099	.383	-.777	120	340	.268	.159	.778	-.378	120	441	-.371	.057	-.200	-.672
120	268	-.242	.070	.018	-.627	120	341	.253	.189	.811	-.680	120	442	-.347	.070	-.178	-.723
120	269	-.170	.115	.218	-.701	120	342	-.502	.124	-.033	-1.210	120	443	-.317	.070	-.149	-.723
120	270	-.082	.061	.226	-.241	120	343	-.184	.066	.149	-.405	120	444	-.304	.065	-.123	-.637
120	271	-.169	.080	.208	-.386	120	344	-.087	.077	.231	-.331	120	445	-.349	.072	.047	-.718
120	272	-.201	.066	.028	-.444	120	345	-.023	.097	.364	-.328	120	446	-.299	.077	-.064	-.656
120	273	-.138	.085	.170	-.483	120	346	-.008	.115	.604	-.433	120	447	-.287	.062	-.106	-.630
120	274	-.134	.085	.218	-.434	120	347	-.025	.158	.626	-.468	120	448	-.277	.055	-.108	-.585
120	275	-.148	.082	.183	-.457	120	348	.062	.132	.526	-.330	120	449	-.373	.074	-.122	-.713
120	276	-.124	.087	.358	-.450	120	349	.025	.085	.322	-.226	120	450	-.514	.097	-.260	-.919
120	277	-.247	.104	.132	-.688	120	401	-.342	.080	-.101	-.779	120	451	-.514	.108	-.280	-1.135
120	301	-.181	.204	.520	-1.072	120	402	-.400	.118	-.067	-1.025	120	452	-.480	.105	-.258	-1.019
120	302	-.224	.254	.666	-.941	120	403	-.340	.088	-.081	-1.212	120	453	-.483	.107	-.253	-.919
120	303	-.301	.164	.320	-.855	120	404	-.324	.074	-.114	-.745	120	454	-.316	.082	-.129	-.682
120	304	-.341	.120	.120	-.906	120	405	-.383	.113	-.055	-1.170	120	455	-.288	.071	-.110	-.609
120	305	-.331	.149	.524	-.771	120	406	-.327	.075	-.114	-.779	120	456	-.306	.067	-.089	-.572
120	306	-.276	.070	.021	-.587	120	407	-.318	.071	-.098	-.768	120	457	-.374	.089	-.084	-.748
120	307	-.187	.096	.218	-.703	120	408	-.305	.056	-.129	-.556	120	458	-.452	.098	-.200	-.846
120	308	-.160	.132	.301	-.702	120	409	-.304	.057	-.114	-.556	120	459	-.600	.148	-.225	-1.255
120	309	-.200	.155	.299	-.694	120	410	-.308	.061	-.093	-.646	120	460	-.773	.194	-.298	-1.559
120	310	-.295	.148	.368	-.730	120	411	-.303	.063	-.089	-.613	120	461	-.807	.205	-.283	-1.641
120	311	-.363	.182	.488	-.901	120	412	-.307	.071	-.081	-.735	120	462	-.330	.061	-.137	-.571
120	312	-.249	.049	.038	-.473	120	413	-.317	.079	-.065	-.812	120	463	-.329	.054	-.163	-.536
120	313	.018	.092	.381	-.441	120	414	-.323	.069	-.083	-.709	120	464	-.351	.061	-.165	-.663
120	314	.131	.144	.560	-.467	120	415	-.317	.062	-.149	-.635	120	465	-.227	.054	-.061	-.450
120	315	.118	.201	.731	-.574	120	416	-.303	.049	-.151	-.551	120	466	-.281	.052	-.145	-.554
120	316	-.027	.234	.731	-.654	120	417	-.301	.048	-.151	-.472	120	467	-.223	.038	-.099	-.404
120	317	-.287	.187	.421	-.961	120	418	-.297	.048	-.134	-.622	120	468	-.191	.040	-.078	-.366

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	469	-.165	.029	-.082	-.256
120	470	-.175	.045	.001	-.419
120	471	-.178	.045	-.016	-.368
120	472	-.175	.042	-.013	-.352
120	473	-.167	.062	.051	-.466
120	474	-.169	.047	.022	-.378
120	475	-.231	.069	-.032	-.590
120	476	-.237	.075	-.006	-.550
120	477	-.211	.084	.115	-.614
120	478	-.208	.077	.025	-.688
120	479	-.150	.038	.010	-.273
120	480	-.149	.095	.108	-.652
120	481	-.110	.056	.223	-.287
120	482	-.064	.090	.311	-.385
120	483	-.106	.052	.149	-.252
120	484	-.150	.052	.089	-.364
120	485	-.154	.045	.170	-.404
120	486	-.153	.039	-.032	-.309
120	487	-.151	.037	.003	-.330
120	801	-.418	.155	.061	-1.144
120	802	-.434	.143	-.069	-1.230
120	803	-.358	.133	-.074	-1.104
120	804	-.326	.113	-.060	-.969
120	805	-.286	.062	-.124	-.608
120	806	-.241	.063	-.006	-.551
120	807	-.230	.072	.034	-.553
120	808	-.302	.094	-.003	-.822
120	809	-.341	.114	.004	-1.124
120	810	-.325	.127	.103	-1.056
120	811	-.302	.098	-.046	-.751
120	812	-.257	.085	.113	-.603
120	813	-.224	.082	.016	-.753
120	814	-.178	.065	.122	-.485
120	815	-.294	.066	-.091	-.638
120	816	-.316	.082	-.114	-.700
120	817	-.228	.114	.300	-1.049
120	818	-.240	.092	.092	-1.275
120	819	-.219	.072	.024	-.606
120	820	-.199	.072	.135	-.483
120	821	-.162	.072	.176	-.373
120	822	-.325	.068	-.120	-.630
120	823	-.337	.072	-.175	-.694
120	824	-.198	.107	.325	-.871
120	825	-.191	.115	.286	-.957
120	826	-.354	.077	-.136	-.673
120	827	-.373	.078	-.144	-.713
120	828	-.150	.110	.306	-.599
120	829	-.325	.064	-.153	-.570
120	830	-.171	.114	.282	-.765
120	831	-.166	.110	.200	-.637
120	832	-.357	.075	-.139	-.689
120	833	-.424	.103	-.163	-.903
120	834	-.181	.096	.209	-.580
120	835	-.150	.086	.159	-.519
120	836	-.092	.073	.206	-.345
120	837	-.048	.116	.709	-.304
120	838	-.287	.064	-.117	-.649
120	839	-.574	.159	-.146	-1.300
120	840	-.653	.202	-.173	-1.497
120	841	-.252	.131	.139	-.751
120	842	-.213	.117	.205	-.739
120	843	-.180	.099	.129	-.600
120	844	-.127	.076	.157	-.431
120	845	-.174	.068	.042	-.414
120	846	-.310	.062	-.100	-.574
120	847	-.617	.159	-.214	-1.225
120	848	-.495	.109	-.176	-.928
120	849	-.289	.150	.195	-.910
120	850	-.244	.130	.322	-.940
120	851	-.189	.103	.122	-.598
120	852	-.133	.039	.020	-.235
120	853	-.167	.044	.027	-.320
120	854	-.319	.062	-.081	-.600
120	855	-.476	.112	-.140	-.901
120	856	-.720	.178	-.263	-1.419
120	857	-.238	.104	.115	-.912
120	858	-.101	.060	.189	-.333
120	859	-.101	.067	.252	-.296
120	901	-.331	.076	-.100	-.766
120	902	-.335	.081	-.055	-.965
120	903	-.344	.094	-.052	-.992
120	904	-.351	.102	-.077	-1.363
120	905	-.365	.114	-.019	-1.062
120	906	-.381	.117	.016	-1.111
120	907	-.401	.125	-.084	-1.452
120	908	-.392	.115	-.013	-.956
120	909	-.327	.077	-.084	-.723
120	910	-.325	.078	-.054	-.693
120	911	-.321	.086	-.046	-.841
120	912	-.318	.057	-.101	-.598
120	913	-.341	.097	-.035	-.847
120	914	-.353	.104	-.005	-.989
120	915	-.394	.105	.048	-.789
120	916	-.356	.105	.070	-.747
120	917	-.322	.072	-.103	-.806
120	918	-.317	.070	-.082	-.639
120	919	-.316	.125	.388	-.906
120	920	-.399	.136	.464	-1.077
120	921	-.318	.072	-.030	-.590
120	922	-.327	.085	.000	-.760
120	923	-.300	.109	.330	-.737
120	924	-.321	.074	-.107	-.817
120	925	-.325	.071	-.098	-.629
120	926	-.329	.123	.286	-.707
120	927	-.410	.134	.186	-1.286
120	928	-.340	.087	-.054	-.829
120	929	-.354	.148	.259	-1.051
120	930	-.289	.144	.655	-.797
120	931	-.339	.095	-.087	-.802
120	932	-.345	.091	-.051	-.770
120	933	-.357	.121	.278	-.986
120	934	-.428	.140	.174	-1.188
120	935	-.368	.119	.073	-1.049
120	936	-.309	.143	.253	-.871
120	937	-.391	.142	.310	-.941
120	938	-.344	.097	-.054	-.905
120	939	-.356	.102	-.049	-.796
120	940	-.440	.150	.196	-1.106
120	941	-.472	.146	.131	-1.387
120	942	-.327	.074	-.134	-.735
120	943	-.372	.103	-.039	-.812
120	944	-.402	.140	-.053	-1.332
120	945	-.382	.133	.062	-1.016
120	946	-.401	.080	-.138	-.843
120	947	-.448	.153	.052	-1.578
120	948	-.498	.167	.124	-1.269
120	949	-.534	.178	-.043	-1.372
120	950	-.334	.088	-.082	-1.049
120	951	-.401	.124	.017	-1.172
120	952	-.438	.157	.075	-1.397
120	953	-.420	.150	.169	-1.225
120	954	-.443	.156	.192	-1.137
120	955	-.479	.184	.089	-1.384
120	956	-.520	.185	.117	-1.485
120	957	-.608	.226	.084	-1.821
120	958	-.177	.066	.066	-.502
120	959	-.260	.076	-.022	-.693
120	960	-.105	.093	.293	-.436
120	961	-.097	.089	.288	-.460
120	962	-.194	.071	.104	-.441
120	963	.027	.123	.541	-.361
120	964	-.065	.074	.233	-.346
120	965	-.157	.052	.131	-.356
120	966	-.349	.068	-.150	-.613
120	967	-.286	.047	-.140	-.475
120	968	-.085	.056	.124	-.298
120	969	-.278	.057	-.094	-.511
120	970	-.254	.088	.010	-.768
120	971	-.368	.105	-.099	-.989
120	972	-.264	.085	-.051	-.952

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	973	-.310	.088	-.075	-.875	130	137	-.522	.218	-.048	-1.820	130	217	-.452	.115	-.043	-1.917
120	974	-.005	.087	.427	-.230	130	138	-.459	.140	-.055	-1.089	130	218	-.416	.099	.039	-.821
120	975	-.162	.051	.019	-.397	130	139	-.385	.102	-.098	-.808	130	219	-.394	.081	.027	-.745
120	976	-.235	.075	-.019	-.645	130	140	-.331	.083	-.053	-.693	130	220	-.396	.081	-.056	-.991
120	977	-.194	.049	-.012	-.473	130	141	-.326	.085	-.063	-.761	130	221	-.395	.085	-.153	-1.088
120	978	-.197	.050	-.046	-.468	130	142	-.509	.168	-.083	-1.268	130	222	-.972	.428	.346	-2.453
120	979	-.214	.100	.122	-.704	130	143	-.439	.164	-.023	-1.258	130	223	-1.151	.353	-.120	-2.404
120	980	-.178	.113	.237	-.874	130	144	-.448	.170	-.023	-1.280	130	224	-.620	.264	.265	-2.040
120	981	-.185	.101	.182	-.809	130	145	-.402	.149	-.043	-1.067	130	225	-.488	.134	.018	-1.163
120	982	-.160	.097	.225	-.543	130	146	-.299	.088	.010	-.821	130	226	-.445	.108	.046	-.865
120	983	-.199	.100	.200	-.851	130	147	-.262	.065	.030	-.650	130	227	-.413	.093	.040	-.893
120	984	-.180	.110	.221	-.943	130	148	-.292	.091	.045	-.614	130	228	-.411	.085	-.077	-1.045
120	985	-.172	.102	.250	-.599	130	149	-.268	.097	.022	-.617	130	229	-.381	.076	-.051	-.921
120	986	-.146	.098	.250	-.510	130	150	-.188	.077	.166	-.499	130	230	-.840	.445	.485	-2.467
130	101	-.413	.094	-.113	-.937	130	151	-.381	.149	-.066	-1.339	130	231	-1.072	.349	.141	-2.608
130	102	-.451	.110	-.152	-.926	130	152	-.251	.099	.158	-.856	130	232	-.575	.229	.007	-1.783
130	103	-.419	.087	-.127	-.842	130	153	-.246	.102	.130	-.630	130	233	-.465	.130	.038	-1.106
130	104	-.409	.086	-.174	-.824	130	154	-.236	.074	.130	-.614	130	234	-.428	.113	.047	-1.083
130	105	-.420	.099	-.183	-1.035	130	155	-.245	.062	-.086	-.597	130	235	-.398	.105	.274	-.913
130	106	-.393	.086	-.158	-.896	130	156	-.218	.097	.052	-.755	130	236	-.436	.114	-.014	-1.109
130	107	-.385	.087	-.148	-.861	130	157	-.308	.092	-.061	-.926	130	237	-.403	.106	-.137	-1.189
130	108	-.379	.079	-.138	-.920	130	158	-.353	.135	-.028	-1.004	130	238	-.614	.379	.342	-2.163
130	109	-.377	.077	-.169	-.797	130	159	-.303	.091	-.016	-.858	130	239	-.878	.320	.112	-2.189
130	110	-.364	.067	-.113	-.754	130	160	-.246	.089	.093	-.607	130	240	-.432	.170	.032	-2.137
130	111	-.369	.069	-.168	-.744	130	161	-.205	.076	.085	-.463	130	241	-.371	.101	.020	-.792
130	112	-.385	.076	-.124	-.863	130	162	-.214	.129	.143	-1.092	130	242	-.340	.112	.224	-.865
130	113	-.385	.068	-.161	-.899	130	163	-.333	.113	-.053	-.828	130	243	-.342	.108	.087	-.718
130	114	-.378	.064	-.156	-.776	130	164	-.311	.103	.088	-.856	130	244	-.471	.150	.141	-1.162
130	115	-.361	.060	-.129	-.594	130	165	-.277	.099	.025	-.778	130	245	-.458	.168	-.065	-1.750
130	116	-.365	.058	-.166	-.605	130	166	-.275	.125	.017	-.866	130	246	-.232	.276	.542	-1.613
130	117	-.376	.058	-.207	-.648	130	167	-.220	.093	.088	-.677	130	247	-.528	.250	.123	-1.875
130	118	-.386	.072	-.158	-.928	130	168	-.172	.084	.057	-.675	130	248	-.264	.120	.168	-1.059
130	119	-.391	.070	-.194	-.869	130	169	-.190	.107	.163	-.874	130	249	-.248	.094	.121	-.573
130	120	-.395	.067	-.207	-.845	130	170	-.170	.056	.032	-.504	130	250	-.237	.100	.247	-.575
130	121	-.381	.060	-.180	-.762	130	201	-.582	.241	.162	-1.364	130	251	-.269	.105	.159	-.824
130	122	-.371	.057	-.193	-.680	130	202	-.355	.088	.098	-.782	130	252	-.475	.174	.121	-1.404
130	123	-.386	.061	-.154	-.679	130	203	-.317	.118	.194	-.907	130	253	-.533	.227	.098	-1.940
130	124	-.404	.101	-.130	-1.635	130	204	-.384	.222	.410	-1.272	130	254	-.285	.165	.310	-1.138
130	125	-.411	.099	-.178	-1.301	130	205	-.344	.082	-.011	-.776	130	255	-.387	.152	.299	-1.148
130	126	-.420	.090	-.201	-.885	130	206	-.586	.335	.362	-1.865	130	256	-.228	.079	.058	-.713
130	127	-.403	.082	-.188	-.855	130	207	-.904	.299	.009	-2.195	130	257	-.231	.082	.076	-.635
130	128	-.384	.067	-.193	-.749	130	208	-.478	.149	-.044	-1.237	130	258	-.226	.086	.154	-.683
130	129	-.394	.075	-.127	-.812	130	209	-.428	.110	-.029	-.966	130	259	-.247	.096	.315	-.623
130	130	-.457	.139	-.174	-1.194	130	210	-.411	.096	.083	-.883	130	260	-.404	.167	.219	-1.128
130	131	-.476	.154	-.127	-1.525	130	211	-.397	.089	.040	-.905	130	261	-.546	.186	-.057	-1.406
130	132	-.472	.133	-.095	-1.290	130	212	-.405	.099	.033	-.984	130	262	-.176	.135	.339	-.667
130	133	-.442	.105	-.169	-.962	130	213	-.401	.099	-.038	-1.162	130	263	-.220	.084	.185	-.576
130	134	-.405	.081	-.169	-.831	130	214	-.903	.394	.204	-2.157	130	264	-.223	.081	.094	-.573
130	135	-.416	.072	-.204	-.667	130	215	-.993	.298	.013	-2.207	130	265	-.273	.059	-.065	-.568
130	136	-.525	.230	-.120	-2.051	130	216	-.564	.225	.031	-1.688	130	266	-.170	.107	.339	-.533

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	267	-.239	.096	-.246	-.745	130	340	.232	.148	.759	-.203	130	441	-.499	.102	-.279	-.964
130	268	-.299	.077	-.058	-.735	130	341	.207	.177	.759	-.475	130	442	-.507	.126	-.232	-1.175
130	269	-.250	.107	.112	-.803	130	342	-.532	.128	-.156	-1.095	130	443	-.470	.114	-.206	-1.413
130	270	-.068	.074	.301	-.245	130	343	-.201	.060	.081	-.420	130	444	-.429	.108	-.159	-.919
130	271	-.188	.090	.367	-.384	130	344	-.099	.068	.186	-.310	130	445	-.454	.095	-.205	-.936
130	272	-.271	.072	-.040	-.394	130	345	-.036	.089	.300	-.280	130	446	-.314	.083	-.088	-.715
130	273	-.190	.076	.061	-.455	130	346	-.027	.109	.482	-.333	130	447	-.287	.062	-.073	-.661
130	274	-.206	.076	.134	-.434	130	347	-.028	.145	.567	-.569	130	448	-.283	.061	-.063	-.574
130	275	-.190	.076	.109	-.460	130	348	.086	.122	.511	-.220	130	449	-.396	.093	-.099	-.968
130	276	-.187	.072	.117	-.442	130	349	-.017	.078	.309	-.235	130	450	-.587	.127	-.157	-1.146
130	277	-.306	.106	.066	-.814	130	401	-.380	.093	-.117	-.946	130	451	-.675	.179	-.284	-1.469
130	301	-.106	.191	.511	-.870	130	402	-.462	.121	-.139	-1.109	130	452	-.648	.169	-.277	-2.025
130	302	.176	.287	.981	-1.144	130	403	-.391	.111	-.094	-.926	130	453	-.614	.174	-.254	-1.359
130	303	-.196	.233	.522	-.872	130	404	-.366	.074	-.077	-.773	130	454	-.296	.078	-.099	-.808
130	304	-.354	.106	.033	-.898	130	405	-.440	.126	-.123	-1.171	130	455	-.280	.080	-.065	-.618
130	305	-.232	.251	.606	-.841	130	406	-.373	.077	-.136	-.836	130	456	-.294	.074	-.084	-.665
130	306	-.275	.055	-.039	-.507	130	407	-.358	.067	-.139	-.822	130	457	-.385	.090	-.157	-.743
130	307	-.151	.070	.155	-.480	130	408	-.352	.058	-.137	-.585	130	458	-.435	.105	-.192	-.908
130	308	-.075	.098	.301	-.471	130	409	-.349	.060	-.156	-.635	130	459	-.525	.136	-.237	-1.288
130	309	-.067	.129	.395	-.688	130	410	-.341	.060	-.127	-.653	130	460	-.734	.196	-.322	-1.939
130	310	-.108	.174	.504	-.685	130	411	-.325	.054	-.111	-.550	130	461	-.899	.214	-.248	-1.799
130	311	-.050	.261	.707	-.923	130	412	-.317	.062	-.105	-.632	130	462	-.331	.065	-.192	-.687
130	312	-.272	.043	-.089	-.421	130	413	-.323	.064	-.126	-.777	130	463	-.343	.066	-.194	-.637
130	313	.036	.071	.393	-.285	130	414	-.376	.066	-.180	-.721	130	464	-.347	.063	-.174	-.705
130	314	.199	.102	.574	-.178	130	415	-.363	.055	-.133	-.686	130	465	-.240	.053	-.080	-.472
130	315	.300	.138	.726	-.378	130	416	-.350	.047	-.206	-.542	130	466	-.259	.050	-.146	-.508
130	316	.317	.197	.866	-.487	130	417	-.346	.050	-.173	-.557	130	467	-.224	.039	-.106	-.370
130	317	.037	.281	.887	-.842	130	418	-.332	.049	-.137	-.517	130	468	-.165	.037	-.047	-.311
130	318	-.310	.045	-.077	-.494	130	419	-.326	.045	-.192	-.542	130	469	-.157	.031	-.071	-.278
130	319	-.034	.064	.201	-.303	130	420	-.322	.049	-.151	-.565	130	470	-.161	.044	-.011	-.468
130	320	.162	.094	.563	-.224	130	421	-.319	.049	-.156	-.601	130	471	-.154	.040	-.007	-.311
130	321	.338	.136	.871	-.220	130	422	-.401	.074	-.175	-.896	130	472	-.162	.037	-.019	-.299
130	322	.418	.167	1.010	-.387	130	423	-.396	.065	-.216	-.768	130	473	-.192	.068	.041	-.622
130	323	.058	.265	.838	-.992	130	424	-.375	.055	-.219	-.682	130	474	-.186	.043	-.026	-.418
130	324	-.373	.067	-.171	-.757	130	425	-.369	.059	-.198	-.815	130	475	-.224	.060	-.011	-.527
130	325	-.126	.062	.137	-.316	130	426	-.354	.056	-.181	-.632	130	476	-.209	.066	-.014	-.596
130	326	.067	.103	.462	-.263	130	427	-.339	.055	-.176	-.539	130	477	-.163	.062	.008	-.594
130	327	.273	.129	.660	-.224	130	428	-.326	.051	-.139	-.655	130	478	-.147	.058	.034	-.487
130	328	.375	.163	.950	-.298	130	429	-.326	.053	-.140	-.627	130	479	-.130	.033	.010	-.251
130	329	.199	.201	.801	-.838	130	430	-.444	.098	-.143	-1.192	130	480	-.191	.107	.062	-.862
130	330	-.427	.094	-.201	-.862	130	431	-.449	.089	-.183	-.903	130	481	-.141	.053	.212	-.330
130	331	-.182	.059	.125	-.421	130	432	-.427	.080	-.205	-.873	130	482	-.142	.088	.267	-.430
130	332	-.010	.084	.318	-.273	130	433	-.419	.081	-.225	-.945	130	483	-.122	.044	.129	-.266
130	333	.185	.149	.606	-.188	130	434	-.397	.081	-.203	-.844	130	484	-.144	.043	.034	-.320
130	334	.331	.163	.907	-.204	130	435	-.374	.078	-.164	-1.013	130	485	-.136	.038	.079	-.266
130	335	.215	.153	.715	-.456	130	436	-.366	.075	-.083	-.739	130	486	-.132	.032	-.014	-.259
130	336	-.565	.143	-.215	-1.287	130	437	-.355	.077	-.148	-.699	130	487	-.135	.030	-.009	-.251
130	337	-.230	.061	.031	-.445	130	438	-.443	.102	-.097	-.924	130	801	-.489	.176	-.007	-1.487
130	338	-.066	.072	.213	-.295	130	439	-.447	.093	-.191	-.898	130	802	-.485	.157	-.109	-1.291
130	339	.081	.105	.487	-.200	130	440	-.456	.091	-.168	-.791	130	803	-.481	.170	-.097	-1.194

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	804	-.474	.166	-.071	-1.075
130	805	-.396	.099	-.180	-.761
130	806	-.251	.080	.043	-.644
130	807	-.231	.080	.067	-.639
130	808	-.280	.089	-.040	-.716
130	809	-.400	.122	-.032	-.935
130	810	-.388	.126	.102	-.867
130	811	-.386	.120	-.021	-.918
130	812	-.349	.123	-.002	-.934
130	813	-.302	.114	.043	-.858
130	814	-.203	.079	.117	-.556
130	815	-.302	.066	-.126	-.632
130	816	-.308	.075	-.131	-.629
130	817	-.283	.087	.119	-.827
130	818	-.286	.084	.097	-.793
130	819	-.262	.068	.024	-.516
130	820	-.272	.091	.203	-.677
130	821	-.193	.080	.176	-.480
130	822	-.307	.068	-.136	-.704
130	823	-.327	.079	-.153	-.747
130	824	-.242	.090	.159	-.906
130	825	-.242	.086	.147	-.822
130	826	-.364	.079	-.172	-.704
130	827	-.374	.092	-.162	-1.060
130	828	-.215	.085	.256	-.602
130	829	-.337	.070	-.179	-.671
130	830	-.235	.090	.116	-.829
130	831	-.232	.093	.128	-.619
130	832	-.348	.075	-.169	-.759
130	833	-.413	.109	-.184	-.976
130	834	-.226	.078	.056	-.523
130	835	-.189	.079	.157	-.513
130	836	-.136	.072	.165	-.466
130	837	.041	.102	.423	-.284
130	838	-.273	.058	-.107	-.580
130	839	-.515	.143	-.208	-1.356
130	840	-.576	.205	-.208	-1.806
130	841	-.334	.124	.036	-.975
130	842	-.258	.113	.141	-.735
130	843	-.210	.098	.098	-.634
130	844	-.138	.077	.194	-.434
130	845	-.174	.065	.055	-.418
130	846	-.296	.060	-.109	-.571
130	847	-.626	.157	-.240	-1.234
130	848	-.489	.114	-.214	-.951
130	849	-.348	.154	.178	-.931
130	850	-.278	.134	.290	-.834
130	851	-.228	.104	.204	-.780
130	852	-.146	.043	.018	-.272
130	853	-.166	.043	.029	-.338
130	854	-.296	.062	-.074	-.523
130	855	-.499	.113	-.179	-.952
130	856	-.714	.162	-.217	-1.311
130	857	-.325	.117	.027	-1.026
130	858	-.139	.055	.086	-.330
130	859	-.115	.057	.251	-.355
130	901	-.373	.080	-.106	-.713
130	902	-.382	.084	-.079	-.883
130	903	-.374	.087	-.065	-.813
130	904	-.386	.093	-.108	-.849
130	905	-.391	.091	-.149	-.865
130	906	-.389	.090	-.135	-1.087
130	907	-.404	.099	-.057	-1.131
130	908	-.403	.100	-.049	-1.096
130	909	-.369	.080	-.129	-.795
130	910	-.378	.086	-.090	-.896
130	911	-.378	.084	-.095	-.732
130	912	-.375	.060	-.191	-.644
130	913	-.387	.090	-.103	-.899
130	914	-.401	.092	-.051	-.904
130	915	-.400	.084	-.005	-.839
130	916	-.395	.087	-.065	-.887
130	917	-.375	.086	.018	-.892
130	918	-.379	.084	-.096	-.744
130	919	-.356	.105	.137	-.806
130	920	-.401	.105	.151	-.945
130	921	-.378	.080	-.108	-.768
130	922	-.409	.091	-.138	-.824
130	923	-.364	.088	-.022	-.717
130	924	-.380	.087	-.131	-.754
130	925	-.386	.081	-.129	-.872
130	926	-.376	.115	.159	-.915
130	927	-.414	.109	.027	-.946
130	928	-.393	.108	-.157	-1.034
130	929	-.548	.163	.013	-1.220
130	930	-.325	.116	.198	-.840
130	931	-.376	.087	-.135	-.793
130	932	-.389	.090	-.067	-.751
130	933	-.432	.130	.050	-.970
130	934	-.450	.140	.007	-1.223
130	935	-.409	.110	-.068	-.947
130	936	-.245	.171	.645	-.805
130	937	-.494	.227	.184	-1.250
130	938	-.353	.079	-.126	-.777
130	939	-.384	.087	-.091	-.815
130	940	-.524	.196	.011	-1.308
130	941	-.522	.180	.086	-1.249
130	942	-.327	.056	-.140	-.682
130	943	-.350	.080	-.133	-.869
130	944	-.365	.111	-.073	-1.214
130	945	-.327	.114	.025	-1.039
130	946	-.442	.083	-.132	-.874
130	947	-.674	.195	-.039	-1.550
130	948	-.730	.222	-.042	-1.599
130	949	-.771	.252	-.067	-1.841
130	950	-.321	.063	-.134	-.692
130	951	-.374	.087	-.129	-.889
130	952	-.401	.124	-.063	-1.121
130	953	-.378	.131	.049	-1.193
130	954	-.522	.157	.123	-1.226
130	955	-.753	.253	.102	-1.651
130	956	-.695	.264	.169	-1.769
130	957	-.773	.312	.112	-2.033
130	958	-.201	.066	.073	-.512
130	959	-.281	.073	-.031	-.587
130	960	-.095	.102	.476	-.439
130	961	-.105	.088	.278	-.406
130	962	-.201	.069	.126	-.435
130	963	.025	.110	.459	-.369
130	964	-.084	.069	.193	-.420
130	965	-.184	.056	.007	-.550
130	966	-.344	.069	-.186	-.628
130	967	-.284	.051	-.150	-.497
130	968	-.110	.051	.145	-.294
130	969	-.291	.062	-.125	-.591
130	970	-.243	.084	.005	-.746
130	971	-.308	.090	-.072	-.869
130	972	-.249	.079	.007	-.787
130	973	-.339	.102	-.113	-.954
130	974	-.039	.078	.268	-.232
130	975	-.161	.050	.032	-.413
130	976	-.222	.071	-.017	-.635
130	977	-.178	.049	.005	-.442
130	978	-.183	.048	-.017	-.447
130	979	-.301	.127	.124	-1.358
130	980	-.238	.090	.115	-.812
130	981	-.236	.089	.093	-.609
130	982	-.224	.083	.100	-.513
130	983	-.277	.124	.169	-.916
130	984	-.234	.094	.111	-.942
130	985	-.228	.087	.106	-.593
130	986	-.225	.081	.051	-.670
140	101	-.424	.109	-.157	1.072
140	102	-.449	.117	-.116	-1.244
140	103	-.426	.100	-.178	-.913
140	104	-.417	.101	-.186	-1.077
140	105	-.422	.095	-.183	-.958
140	106	-.346	.069	-.152	-.819
140	107	-.340	.072	-.126	-.737
140	108	-.345	.071	-.133	-1.192

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	109	-.383	.077	-.152	-.735	140	159	-.360	.092	-.077	-.861	140	239	-.687	.269	.190	-2.037
140	110	-.376	.081	-.114	-.780	140	160	-.263	.078	.020	-.580	140	240	-.389	.132	.140	-1.315
140	111	-.373	.071	-.156	-.729	140	161	-.231	.072	.040	-.488	140	241	-.377	.094	.055	-.786
140	112	-.341	.056	-.126	-.641	140	162	-.232	.143	.180	-.882	140	242	-.369	.103	.121	-.867
140	113	-.349	.054	-.192	-.543	140	163	-.380	.109	-.044	-.752	140	243	-.370	.097	.238	-.898
140	114	-.353	.053	-.184	-.607	140	164	-.364	.108	-.031	-.833	140	244	-.441	.125	.038	-1.187
140	115	-.362	.054	-.191	-.562	140	165	-.352	.121	-.046	-1.151	140	245	-.398	.121	-.024	-1.204
140	116	-.356	.053	-.197	-.570	140	166	-.337	.136	-.049	-.981	140	246	-.209	.240	.523	-1.399
140	117	-.373	.057	-.144	-.840	140	167	-.284	.120	.073	-.800	140	247	-.462	.217	.345	-1.770
140	118	-.363	.061	-.183	-1.276	140	168	-.230	.108	.078	-.694	140	248	-.291	.101	.385	-.886
140	119	-.378	.060	-.235	-.844	140	169	-.235	.141	.060	-1.176	140	249	-.270	.081	.030	-.660
140	120	-.385	.058	-.218	-.857	140	170	-.186	.063	.032	-.496	140	250	-.278	.076	.048	-.570
140	121	-.382	.054	-.203	-.718	140	201	-.604	.287	.233	-1.559	140	251	-.311	.083	.249	-.645
140	122	-.382	.052	-.219	-.601	140	202	-.352	.094	-.057	-.728	140	252	-.447	.148	-.002	-1.260
140	123	-.408	.063	-.187	-.681	140	203	-.291	.135	.159	-.833	140	253	-.450	.178	-.085	-1.556
140	124	-.381	.073	-.178	-.793	140	204	-.315	.261	.410	-1.329	140	254	-.182	.174	.482	-.760
140	125	-.395	.090	-.178	-1.415	140	205	-.360	.083	-.080	-.752	140	255	-.350	.132	.080	-1.075
140	126	-.413	.080	-.205	-1.074	140	206	-.243	.286	.669	-1.633	140	256	-.242	.070	.030	-.585
140	127	-.415	.071	-.219	-.851	140	207	-.803	.284	.073	-1.893	140	257	-.249	.072	.030	-.642
140	128	-.423	.066	-.224	-.824	140	208	-.405	.149	.040	-1.350	140	258	-.251	.073	.216	-.552
140	129	-.461	.076	-.166	-.801	140	209	-.409	.131	.010	-1.000	140	259	-.283	.081	.093	-.630
140	130	-.417	.118	-.160	-1.236	140	210	-.397	.118	-.030	-.821	140	260	-.454	.145	.070	-1.029
140	131	-.436	.119	-.102	-1.361	140	211	-.384	.104	.019	-.843	140	261	-.537	.179	-.100	-1.505
140	132	-.466	.124	-.154	-1.216	140	212	-.383	.088	-.099	-1.006	140	262	-.130	.150	.464	-.663
140	133	-.456	.088	-.183	-1.070	140	213	-.358	.078	-.140	-.983	140	263	-.229	.089	.150	-.533
140	134	-.466	.082	-.154	-.856	140	214	-.563	.373	.629	-2.000	140	264	-.255	.068	.038	-.490
140	135	-.496	.084	-.255	-.864	140	215	-.869	.302	.165	-2.112	140	265	-.308	.062	-.005	-.553
140	136	-.443	.183	-.139	-2.046	140	216	-.421	.198	.139	-1.566	140	266	-.141	.078	.344	-.457
140	137	-.485	.194	-.137	-1.913	140	217	-.400	.134	.064	-.927	140	267	-.221	.094	.415	-.589
140	138	-.467	.122	-.167	-1.121	140	218	-.389	.124	.081	-.926	140	268	-.314	.080	-.028	-.824
140	139	-.434	.094	-.089	-.961	140	219	-.383	.092	.029	-.779	140	269	-.263	.099	-.009	-.701
140	140	-.386	.090	-.101	-.883	140	220	-.369	.064	-.181	-.654	140	270	-.060	.079	.331	-.248
140	141	-.432	.141	-.106	-1.162	140	221	-.353	.065	-.158	-.870	140	271	-.157	.103	.326	-.370
140	142	-.503	.159	-.051	-1.565	140	222	-.573	.367	.575	-2.100	140	272	-.302	.064	-.036	-.528
140	143	-.497	.147	-.081	-1.342	140	223	-.909	.307	.094	-2.294	140	273	-.209	.065	.043	-.436
140	144	-.496	.169	-.089	-1.547	140	224	-.463	.215	.137	-1.710	140	274	-.227	.066	.035	-.449
140	145	-.473	.156	-.111	-1.222	140	225	-.434	.140	.091	-.900	140	275	-.195	.077	.115	-.436
140	146	-.344	.096	-.009	-.886	140	226	-.429	.128	.197	-.900	140	276	-.202	.068	.081	-.444
140	147	-.304	.103	.004	-1.019	140	227	-.401	.097	.097	-.786	140	277	-.370	.119	-.026	-.808
140	148	-.346	.089	.012	-.712	140	228	-.397	.074	-.171	-.840	140	301	-.114	.187	.366	-.826
140	149	-.320	.111	.124	-.704	140	229	-.357	.069	-.177	-1.049	140	302	.396	.212	1.219	-.584
140	150	-.229	.109	.284	-.727	140	230	-.463	.348	.576	-2.250	140	303	-.153	.229	.607	-.770
140	151	-.444	.150	-.120	-1.359	140	231	-.823	.324	.237	-2.322	140	304	-.364	.098	-.005	-.880
140	152	-.272	.085	.007	-.811	140	232	-.419	.170	.243	-1.617	140	305	-.092	.310	.817	-.801
140	153	-.269	.088	.086	-.681	140	233	-.415	.130	.092	-1.002	140	306	-.260	.055	-.077	-.499
140	154	-.279	.089	.045	-.714	140	234	-.406	.118	.209	-.884	140	307	-.109	.072	.130	-.414
140	155	-.271	.076	-.067	-.750	140	235	-.392	.100	.071	-.873	140	308	-.037	.093	.298	-.427
140	156	-.233	.098	.116	-.785	140	236	-.416	.099	-.057	-1.287	140	309	-.019	.106	.432	-.437
140	157	-.358	.091	-.069	-.793	140	237	-.377	.092	-.120	-1.261	140	310	.022	.138	.547	-.650
140	158	-.406	.111	-.107	-.945	140	238	-.397	.303	.444	-1.828	140	311	.272	.182	.898	-.522

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	312	-.277	.050	-.067	-.465
140	313	.072	.081	.385	-.215
140	314	.230	.101	.584	-.129
140	315	.367	.123	.759	.009
140	316	.478	.154	.960	-.239
140	317	.351	.187	.965	-.547
140	318	-.355	.059	-.113	-.619
140	319	-.042	.071	.240	-.272
140	320	.162	.097	.500	-.147
140	321	.330	.126	.700	-.177
140	322	.434	.159	.943	-.115
140	323	.338	.185	.927	-.645
140	324	-.471	.077	-.197	-.739
140	325	-.199	.051	-.001	-.430
140	326	-.011	.081	.288	-.251
140	327	.192	.117	.641	-.164
140	328	.343	.159	1.081	-.149
140	329	.292	.165	.853	-.453
140	330	-.511	.096	-.230	-.941
140	331	-.235	.048	-.034	-.400
140	332	-.085	.074	.165	-.317
140	333	.080	.115	.513	-.269
140	334	.222	.153	.810	-.252
140	335	.183	.149	.701	-.372
140	336	-.576	.149	-.190	-1.329
140	337	-.246	.057	.021	-.486
140	338	-.118	.064	.203	-.374
140	339	-.008	.098	.419	-.297
140	340	.101	.138	.628	-.337
140	341	.101	.181	.956	-.444
140	342	-.465	.133	-.063	-1.048
140	343	-.203	.056	.021	-.454
140	344	-.114	.064	.128	-.324
140	345	-.056	.089	.354	-.315
140	346	-.025	.119	.531	-.454
140	347	-.004	.152	.643	-.466
140	348	.048	.119	.525	-.286
140	349	-.048	.077	.224	-.242
140	401	-.421	.115	-.143	-1.089
140	402	-.483	.111	-.156	-.952
140	403	-.429	.117	-.145	-.954
140	404	-.396	.092	-.137	-1.102
140	405	-.456	.119	-.165	-1.266
140	406	-.393	.100	-.116	-.969
140	407	-.396	.093	-.102	-.881
140	408	-.384	.075	-.106	-.778
140	409	-.383	.069	-.176	-.688
140	410	-.379	.068	-.176	-.781
140	411	-.356	.061	-.162	-1.099
140	412	-.346	.061	-.150	-.621
140	413	-.344	.062	-.152	-.634
140	414	-.400	.084	-.166	-.909
140	415	-.415	.081	-.174	-.796
140	416	-.391	.062	-.162	-.838
140	417	-.382	.056	-.197	-.685
140	418	-.373	.061	-.174	-.751
140	419	-.360	.053	-.185	-.646
140	420	-.349	.054	-.170	-.555
140	421	-.347	.054	-.132	-.660
140	422	-.464	.106	-.187	-1.010
140	423	-.481	.095	-.190	-.928
140	424	-.454	.075	-.255	-.809
140	425	-.440	.079	-.214	-1.144
140	426	-.428	.074	-.214	-.755
140	427	-.410	.070	-.163	-.791
140	428	-.403	.068	-.182	-.669
140	429	-.395	.071	-.132	-.812
140	430	-.525	.120	-.174	-1.233
140	431	-.531	.111	-.181	-1.177
140	432	-.517	.095	-.204	-.964
140	433	-.516	.110	-.237	-1.078
140	434	-.503	.102	-.219	-1.090
140	435	-.478	.092	-.204	-.938
140	436	-.477	.094	-.174	-.953
140	437	-.479	.096	-.138	-1.015
140	438	-.505	.103	-.186	-1.024
140	439	-.494	.102	-.163	-.947
140	440	-.514	.114	-.186	-.980
140	441	-.582	.121	-.182	-1.265
140	442	-.595	.130	-.292	-1.142
140	443	-.552	.120	-.170	-1.109
140	444	-.543	.118	-.214	-1.037
140	445	-.538	.131	-.210	-1.322
140	446	-.431	.152	-.044	-1.109
140	447	-.313	.087	-.066	-.705
140	448	-.297	.080	-.058	-.688
140	449	-.363	.112	-.037	-.895
140	450	-.562	.156	-.062	-1.172
140	451	-.726	.214	-.260	-1.937
140	452	-.666	.196	-.257	-1.675
140	453	-.670	.191	-.220	-1.815
140	454	-.281	.098	.013	-.795
140	455	-.260	.080	-.037	-.585
140	456	-.292	.076	.018	-.707
140	457	-.362	.099	-.120	-.832
140	458	-.378	.095	-.170	-.795
140	459	-.489	.131	-.135	-1.087
140	460	-.632	.196	-.227	-1.535
140	461	-.785	.224	-.243	-1.627
140	462	-.324	.072	-.151	-.666
140	463	-.334	.074	-.148	-.627
140	464	-.334	.068	-.135	-.638
140	465	-.242	.060	-.056	-.592
140	466	-.259	.051	-.123	-.518
140	467	-.229	.040	-.072	-.432
140	468	-.174	.050	-.008	-.434
140	469	-.155	.036	-.056	-.346
140	470	-.164	.054	-.005	-.456
140	471	-.143	.044	.031	-.362
140	472	-.144	.041	.064	-.290
140	473	-.196	.061	-.034	-.523
140	474	-.185	.042	-.027	-.367
140	475	-.227	.052	-.068	-.461
140	476	-.210	.051	-.041	-.650
140	477	-.137	.042	.047	-.396
140	478	-.134	.057	.047	-.492
140	479	-.121	.034	.045	-.231
140	480	-.213	.113	.071	-.909
140	481	-.164	.052	.107	-.355
140	482	-.208	.078	.129	-.528
140	483	-.129	.040	.107	-.252
140	484	-.127	.046	.131	-.358
140	485	-.125	.041	.102	-.252
140	486	-.120	.034	.045	-.257
140	487	-.117	.035	.057	-.252
140	801	-.509	.174	-.070	-1.574
140	802	-.491	.154	-.140	-1.157
140	803	-.511	.165	-.095	-1.326
140	804	-.521	.166	-.188	-1.350
140	805	-.466	.109	-.204	-.871
140	806	-.296	.104	.033	-.752
140	807	-.247	.100	.153	-.660
140	808	-.288	.105	.118	-.764
140	809	-.422	.113	-.101	-.905
140	810	-.406	.119	-.016	-1.229
140	811	-.435	.117	-.123	-1.134
140	812	-.412	.129	-.024	-1.086
140	813	-.381	.129	.019	-.989
140	814	-.248	.115	.230	-.681
140	815	-.317	.083	-.117	-.707
140	816	-.298	.075	-.115	-.768
140	817	-.314	.081	.069	-.676
140	818	-.310	.075	.015	-.579
140	819	-.293	.067	-.045	-.546
140	820	-.328	.104	.080	-.774
140	821	-.229	.113	.472	-.623
140	822	-.318	.079	-.115	-.856
140	823	-.324	.080	-.134	-.751
140	824	-.272	.075	.169	-.586
140	825	-.270	.076	.114	-.618

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	826	-.351	.095	-.131	-.775	140	917	-.405	.099	-.028	-1.161	140	967	-.270	.050	-.143	-.496
140	827	-.358	.101	-.136	-.975	140	918	-.405	.101	-.052	-.906	140	968	-.116	.059	.163	-.362
140	828	-.241	.080	-.121	-.517	140	919	-.400	.105	-.052	-.882	140	969	-.291	.069	-.075	-.606
140	829	-.318	.073	-.148	-.682	140	920	-.405	.117	-.077	-.890	140	970	-.209	.080	.059	-.776
140	830	-.261	.081	.039	-.748	140	921	-.409	.101	-.109	-.975	140	971	-.242	.086	.012	-.864
140	831	-.257	.084	.054	-.661	140	922	-.421	.098	-.148	-.959	140	972	-.200	.077	.037	-.868
140	832	-.331	.082	-.143	-.794	140	923	-.371	.092	-.098	-.783	140	973	-.334	.097	-.124	-.929
140	833	-.376	.101	-.095	-.787	140	924	-.410	.096	-.092	-.916	140	974	-.048	.085	.326	-.263
140	834	-.245	.069	-.011	-.606	140	925	-.417	.097	-.164	-1.027	140	975	-.166	.059	.090	-.525
140	835	-.219	.072	.068	-.541	140	926	-.420	.129	.000	-.987	140	976	-.198	.074	.068	-.537
140	836	-.158	.065	.100	-.362	140	927	-.431	.138	.037	-1.033	140	977	-.168	.063	.056	-.440
140	837	.005	.096	.462	-.255	140	928	-.438	.129	-.137	-1.166	140	978	-.171	.061	.027	-.545
140	838	-.262	.055	-.107	-.536	140	929	-.643	.148	-.132	-1.333	140	979	-.326	.139	.145	-1.094
140	839	-.459	.136	-.143	-1.268	140	930	-.310	.137	.182	-1.099	140	980	-.237	.074	.083	-.722
140	840	-.505	.162	-.122	-1.410	140	931	-.405	.093	-.173	-1.336	140	981	-.241	.084	.100	-.605
140	841	-.329	.106	.012	-.904	140	932	-.423	.096	-.139	-.917	140	982	-.237	.075	.105	-.503
140	842	-.262	.105	.109	-.842	140	933	-.456	.144	-.035	-1.070	140	983	-.302	.146	.234	-1.118
140	843	-.220	.080	.139	-.552	140	934	-.475	.162	.169	-1.096	140	984	-.239	.076	.092	-.630
140	844	-.133	.081	.184	-.477	140	935	-.422	.103	-.100	-.989	140	985	-.239	.081	.078	-.649
140	845	-.165	.060	.062	-.397	140	936	-.212	.171	.492	-.742	140	986	-.239	.076	.032	-.572
140	846	-.274	.059	-.110	-.564	140	937	-.499	.267	.356	-1.354	150	101	-.444	.130	-.081	-1.287
140	847	-.576	.161	-.190	-1.307	140	938	-.380	.076	-.126	-.803	150	102	-.426	.113	-.129	-.943
140	848	-.443	.103	-.190	-.835	140	939	-.415	.083	-.193	-.839	150	103	-.413	.102	-.176	-.976
140	849	-.337	.151	.153	-.985	140	940	-.556	.179	.013	-1.285	150	104	-.419	.106	-.179	-.996
140	850	-.257	.135	.303	-.719	140	941	-.534	.175	-.008	-1.296	150	105	-.388	.081	-.116	-.752
140	851	-.239	.100	.151	-.564	140	942	-.355	.057	-.148	-.608	150	106	-.300	.064	-.096	-.598
140	852	-.138	.047	.038	-.253	140	943	-.368	.068	-.125	-.718	150	107	-.308	.064	-.100	-.695
140	853	-.164	.043	.062	-.315	140	944	-.346	.093	-.067	-.836	150	108	-.322	.065	-.110	-.621
140	854	-.268	.060	-.065	-.550	140	945	-.306	.109	.013	-.759	150	109	-.361	.080	-.120	-.729
140	855	-.446	.110	-.128	-.934	140	946	-.427	.079	-.170	-.796	150	110	-.373	.089	-.130	-.814
140	856	-.644	.177	-.210	-1.570	140	947	-.729	.199	-.205	-1.730	150	111	-.380	.079	-.120	-.718
140	857	-.404	.145	-.032	-1.309	140	948	-.765	.223	.018	-1.794	150	112	-.309	.054	-.144	-.558
140	858	-.165	.061	.098	-.401	140	949	-.760	.237	.042	-1.751	150	113	-.316	.054	-.139	-.660
140	859	-.126	.046	.253	-.284	140	950	-.354	.063	-.118	-.749	150	114	-.318	.056	-.177	-.638
140	901	-.413	.110	-.087	-1.027	140	951	-.400	.074	-.156	-.810	150	115	-.326	.048	-.154	-.564
140	902	-.403	.112	-.094	-1.086	140	952	-.377	.108	-.020	-1.051	150	116	-.337	.051	-.153	-.577
140	903	-.400	.118	-.014	-1.040	140	953	-.333	.118	.029	-1.006	150	117	-.382	.070	-.088	-.666
140	904	-.397	.110	-.081	-.911	140	954	-.498	.136	-.080	-1.230	150	118	-.327	.051	-.181	-.652
140	905	-.362	.085	-.133	-.755	140	955	-.800	.228	-.002	-1.727	150	119	-.325	.049	-.185	-.644
140	906	-.340	.076	-.117	-.858	140	956	-.631	.236	.356	-1.798	150	120	-.340	.049	-.148	-.707
140	907	-.351	.077	-.113	-.813	140	957	-.575	.296	.418	-1.827	150	121	-.345	.045	-.154	-.593
140	908	-.352	.080	-.108	-.892	140	958	-.218	.088	.239	-.715	150	122	-.359	.048	-.156	-.540
140	909	-.407	.113	-.023	-.955	140	959	-.302	.077	.149	-.649	150	123	-.420	.076	-.208	-.772
140	910	-.406	.119	.005	-.992	140	960	-.100	.111	.322	-.550	150	124	-.328	.054	-.170	-.626
140	911	-.402	.110	-.062	-.960	140	961	-.115	.110	.382	-.508	150	125	-.343	.065	-.177	-1.259
140	912	-.407	.068	-.207	-.689	140	962	-.235	.075	.120	-.523	150	126	-.353	.057	-.205	-.858
140	913	-.416	.104	-.127	-1.014	140	963	-.010	.100	.458	-.338	150	127	-.368	.050	-.199	-.663
140	914	-.382	.088	-.157	-.844	140	964	-.105	.070	.178	-.435	150	128	-.403	.061	-.231	-.805
140	915	-.381	.068	-.155	-.832	140	965	-.207	.075	.085	-.679	150	129	-.441	.073	-.210	-.860
140	916	-.375	.074	-.137	-.822	140	966	-.343	.075	-.141	-.666	150	130	-.330	.068	-.128	-.835

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	131	-.343	.075	-.170	-.997	150	211	-.329	.103	.087	-.724	150	261	-.401	.114	-.107	-1.124
150	132	-.374	.071	-.153	-.758	150	212	-.341	.082	-.057	-.746	150	262	-.061	.140	.470	-.479
150	133	-.402	.063	-.188	-.694	150	213	-.310	.078	-.092	-.774	150	263	-.192	.061	.147	-.423
150	134	-.440	.078	-.206	-.844	150	214	-.424	.364	.763	-1.716	150	264	-.213	.053	.056	-.408
150	135	-.470	.082	-.237	-.907	150	215	-.722	.252	.158	-1.736	150	265	-.278	.058	-.088	-.538
150	136	-.369	.160	-.081	-1.938	150	216	-.348	.205	.148	-1.262	150	266	-.089	.099	.416	-.333
150	137	-.387	.141	-.136	-1.249	150	217	-.321	.131	.165	-.771	150	267	-.112	.139	.507	-.460
150	138	-.406	.107	-.144	-.941	150	218	-.328	.124	.173	-.830	150	268	-.250	.099	.137	-.932
150	139	-.360	.078	.009	-.747	150	219	-.327	.095	.058	-.726	150	269	-.215	.077	.056	-.548
150	140	-.352	.105	.092	-.908	150	220	-.346	.068	-.126	-.653	150	270	.001	.093	.639	-.203
150	141	-.387	.135	-.049	-1.303	150	221	-.306	.057	-.131	-.595	150	271	-.089	.128	.639	-.377
150	142	-.389	.104	-.117	-1.007	150	222	-.422	.339	.624	-1.834	150	272	-.269	.074	.034	-.516
150	143	-.399	.099	-.129	-.925	150	223	-.738	.256	.321	-1.735	150	273	-.157	.070	.323	-.355
150	144	-.380	.105	-.107	-1.119	150	224	-.334	.177	.179	-1.206	150	274	-.165	.071	.191	-.386
150	145	-.360	.097	-.119	-.828	150	225	-.337	.124	.162	-.821	150	275	-.132	.092	.299	-.374
150	146	-.290	.091	-.032	-.626	150	226	-.350	.117	.148	-.819	150	276	-.149	.060	.074	-.404
150	147	-.286	.113	-.058	-1.038	150	227	-.340	.087	.269	-.716	150	277	-.312	.069	-.142	-.702
150	148	-.288	.062	-.035	-.609	150	228	-.367	.067	-.137	-.915	150	301	-.087	.192	.753	-.694
150	149	-.302	.077	.023	-.707	150	229	-.324	.061	-.140	-.716	150	302	.426	.189	1.022	-.444
150	150	-.255	.090	.113	-.621	150	230	-.298	.257	.619	-1.688	150	303	-.194	.210	.479	-.824
150	151	-.495	.169	-.013	-1.322	150	231	-.654	.242	.314	-1.637	150	304	-.379	.092	-.031	-.863
150	152	-.233	.071	.021	-.711	150	232	-.323	.124	.289	-1.187	150	305	-.162	.297	.895	-.866
150	153	-.226	.077	.036	-.519	150	233	-.335	.109	.164	-.749	150	306	-.221	.076	.088	-.501
150	154	-.276	.078	.018	-.663	150	234	-.350	.101	.130	-.811	150	307	-.049	.086	.322	-.340
150	155	-.263	.082	-.028	-.665	150	235	-.340	.082	.239	-.815	150	308	.017	.098	.404	-.262
150	156	-.269	.106	.065	-.789	150	236	-.356	.072	-.064	-.716	150	309	.015	.102	.374	-.344
150	157	-.347	.110	-.050	-.867	150	237	-.326	.065	-.086	-.763	150	310	.055	.120	.555	-.446
150	158	-.409	.111	-.106	-.967	150	238	-.287	.238	.671	-1.622	150	311	.296	.168	.950	-.335
150	159	-.325	.081	-.025	-.801	150	239	-.561	.209	.307	-1.422	150	312	-.250	.066	.078	-.631
150	160	-.218	.071	.094	-.534	150	240	-.315	.099	.227	-.759	150	313	.146	.113	.545	-.270
150	161	-.199	.066	.026	-.536	150	241	-.315	.080	.187	-.630	150	314	.310	.127	.691	-.096
150	162	-.275	.125	.191	-.921	150	242	-.317	.083	.059	-.899	150	315	.413	.138	.850	-.018
150	163	-.394	.106	-.093	-.887	150	243	-.316	.072	.127	-.620	150	316	.475	.149	1.021	.056
150	164	-.336	.107	.177	-.782	150	244	-.357	.091	-.047	-1.273	150	317	.435	.171	1.018	-.113
150	165	-.305	.072	-.118	-.682	150	245	-.336	.092	-.098	-1.075	150	318	-.373	.069	-.075	-.984
150	166	-.318	.089	.018	-.911	150	246	-.278	.215	.514	-1.200	150	319	-.037	.083	.273	-.321
150	167	-.293	.096	.031	-.831	150	247	-.402	.158	.143	-1.279	150	320	.151	.105	.572	-.268
150	168	-.233	.077	.104	-.602	150	248	-.269	.087	.135	-.604	150	321	.320	.123	.706	-.112
150	169	-.284	.129	.050	-1.106	150	249	-.264	.067	.017	-.496	150	322	.460	.144	.944	.024
150	170	-.195	.063	.021	-.449	150	250	-.271	.063	.002	-.593	150	323	.344	.169	.966	-.238
150	201	-.624	.286	.267	-1.611	150	251	-.291	.063	-.032	-.535	150	324	-.494	.084	-.232	-.787
150	202	-.349	.094	-.073	-.720	150	252	-.355	.116	-.132	-1.213	150	325	-.224	.052	-.052	-.427
150	203	-.274	.142	.287	-.845	150	253	-.359	.140	-.115	-1.388	150	326	-.071	.070	.142	-.343
150	204	-.306	.273	.588	-1.315	150	254	-.099	.150	.449	-.681	150	327	.114	.111	.545	-.276
150	205	-.332	.087	-.105	-.662	150	255	-.303	.115	.051	-.815	150	328	.305	.143	.757	-.243
150	206	-.169	.260	.808	-1.085	150	256	-.228	.070	.053	-.525	150	329	.282	.158	.757	-.327
150	207	-.715	.235	.159	-1.613	150	257	-.243	.065	-.042	-.547	150	330	-.531	.106	-.235	-1.045
150	208	-.343	.127	.126	-1.029	150	258	-.257	.055	-.068	-.494	150	331	-.241	.054	-.036	-.431
150	209	-.342	.124	.017	-.809	150	259	-.271	.061	.143	-.574	150	332	-.128	.062	.113	-.384
150	210	-.344	.118	.123	-.820	150	260	-.367	.087	-.068	-.868	150	333	-.013	.093	.319	-.321

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	334	.103	.138	.736	-.336
150	335	.126	.146	.601	-.339
150	336	-.478	.165	.149	-1.290
150	337	-.194	.073	.149	-.482
150	338	-.129	.071	.192	-.482
150	339	-.063	.089	.429	-.424
150	340	-.019	.125	.552	-.412
150	341	-.047	.162	.618	-.552
150	342	-.365	.119	-.069	-1.019
150	343	-.177	.059	.129	-.398
150	344	-.118	.066	.156	-.383
150	345	-.081	.099	.347	-.357
150	346	-.047	.125	.373	-.383
150	347	-.011	.172	.746	-.475
150	348	.017	.134	.529	-.313
150	349	-.081	.067	.191	-.257
150	401	-.449	.128	-.153	-1.134
150	402	-.483	.114	-.183	-1.096
150	403	-.429	.112	-.084	-.941
150	404	-.440	.135	-.052	-1.548
150	405	-.441	.104	-.189	-1.051
150	406	-.424	.124	-.073	-1.359
150	407	-.441	.121	-.099	-1.043
150	408	-.409	.090	-.089	-.933
150	409	-.402	.091	-.098	-1.104
150	410	-.396	.078	-.187	-1.072
150	411	-.376	.073	-.160	-.860
150	412	-.371	.070	-.177	-.744
150	413	-.371	.074	-.135	-.864
150	414	-.454	.122	-.086	-1.055
150	415	-.456	.106	-.129	-.872
150	416	-.420	.080	-.166	-.848
150	417	-.406	.080	-.159	-.863
150	418	-.393	.073	-.154	-.835
150	419	-.376	.066	-.160	-.862
150	420	-.372	.066	-.150	-.740
150	421	-.364	.059	-.187	-.609
150	422	-.495	.121	-.080	-.994
150	423	-.504	.109	-.180	-.960
150	424	-.469	.086	-.167	-.886
150	425	-.465	.088	-.132	-.954
150	426	-.450	.091	-.135	-1.051
150	427	-.443	.089	-.102	-1.204
150	428	-.428	.078	-.155	-.960
150	429	-.418	.075	-.109	-.974
150	430	-.487	.110	-.224	-1.017
150	431	-.510	.110	-.224	-1.206
150	432	-.519	.094	-.232	-.985
150	433	-.537	.107	-.144	-.995
150	434	-.540	.116	-.108	-1.213
150	435	-.523	.106	-.218	-1.268
150	436	-.501	.106	-.236	-1.101
150	437	-.489	.094	-.174	-.823
150	438	-.486	.109	-.193	-1.087
150	439	-.453	.090	-.156	-.807
150	440	-.461	.104	-.155	-.948
150	441	-.530	.109	-.217	-1.051
150	442	-.584	.140	-.233	-1.229
150	443	-.579	.146	-.195	-1.568
150	444	-.570	.142	-.224	-1.397
150	445	-.615	.178	-.115	-1.737
150	446	-.497	.152	-.008	-1.167
150	447	-.321	.098	-.028	-.656
150	448	-.261	.067	-.042	-.603
150	449	-.284	.088	.017	-.759
150	450	-.404	.160	-.066	-1.195
150	451	-.565	.229	-.112	-1.540
150	452	-.618	.195	-.158	-1.470
150	453	-.614	.199	-.093	-1.552
150	454	-.291	.108	.002	-.879
150	455	-.265	.072	-.027	-.564
150	456	-.260	.062	-.076	-.560
150	457	-.298	.074	-.090	-.735
150	458	-.323	.087	-.124	-.733
150	459	-.392	.131	-.073	-.968
150	460	-.454	.176	-.093	-1.280
150	461	-.565	.216	-.043	-1.422
150	462	-.295	.065	-.103	-.631
150	463	-.292	.065	-.134	-.592
150	464	-.296	.065	-.139	-.612
150	465	-.227	.054	-.066	-.484
150	466	-.244	.047	-.098	-.612
150	467	-.239	.046	-.096	-.489
150	468	-.146	.054	.009	-.489
150	469	-.145	.037	-.041	-.301
150	470	-.166	.060	.039	-.526
150	471	-.130	.052	.083	-.381
150	472	-.123	.053	.252	-.365
150	473	-.186	.053	.023	-.415
150	474	-.189	.045	-.002	-.340
150	475	-.243	.060	-.048	-.496
150	476	-.209	.053	-.034	-.482
150	477	-.132	.053	.046	-.528
150	478	-.196	.053	.103	-.340
150	479	-.085	.039	.108	-.285
150	480	-.228	.108	.016	-.783
150	481	-.188	.053	.071	-.353
150	482	-.249	.078	.186	-.560
150	483	-.116	.041	.044	-.227
150	484	-.112	.054	.204	-.273
150	485	-.110	.047	.103	-.255
150	486	-.089	.039	.085	-.257
150	487	-.083	.040	.163	-.246
150	801	-.402	.113	-.137	-.992
150	802	-.399	.100	-.090	-.847
150	803	-.408	.105	-.085	-1.012
150	804	-.378	.098	-.182	-1.185
150	805	-.349	.078	-.179	-.758
150	806	-.268	.083	.050	-.634
150	807	-.261	.102	.104	-.778
150	808	-.283	.103	.009	-.882
150	809	-.351	.076	-.104	-.698
150	810	-.328	.079	-.051	-.719
150	811	-.369	.083	-.142	-.964
150	812	-.325	.068	-.122	-.666
150	813	-.325	.086	-.055	-.712
150	814	-.278	.083	.053	-.618
150	815	-.298	.077	-.097	-.664
150	816	-.282	.074	-.099	-.655
150	817	-.273	.061	-.041	-.567
150	818	-.268	.056	-.058	-.472
150	819	-.238	.060	.019	-.482
150	820	-.292	.060	.086	-.642
150	821	-.251	.071	.077	-.484
150	822	-.280	.064	-.121	-.631
150	823	-.287	.066	-.139	-.672
150	824	-.250	.063	.070	-.561
150	825	-.244	.061	-.016	-.589
150	826	-.295	.075	-.065	-.776
150	827	-.296	.080	-.098	-.763
150	828	-.195	.064	.135	-.479
150	829	-.283	.062	-.086	-.559
150	830	-.239	.072	.000	-.568
150	831	-.225	.068	.198	-.554
150	832	-.295	.074	-.102	-.723
150	833	-.313	.089	-.093	-.790
150	834	-.219	.059	-.039	-.489
150	835	-.186	.067	.026	-.559
150	836	-.135	.060	.129	-.383
150	837	-.044	.086	.366	-.255
150	838	-.237	.053	-.074	-.503
150	839	-.373	.125	-.084	-.941
150	840	-.404	.150	-.078	-1.055
150	841	-.251	.086	-.000	-.673
150	842	-.210	.092	.126	-.794
150	843	-.165	.085	.281	-.527
150	844	-.124	.077	.198	-.476
150	845	-.151	.059	.088	-.378
150	846	-.226	.052	-.074	-.460
150	847	-.474	.167	-.117	-1.322

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	848	-.374	.101	-.069	-.804	150	939	-.417	.091	-.103	-.860	160	103	-.491	.145	-.164	-1.177
150	849	-.194	.141	.329	-.769	150	940	-.568	.150	-.018	-1.208	160	104	-.494	.149	-.174	-1.279
150	850	-.157	.131	.278	-.748	150	941	-.502	.142	.089	-1.208	160	105	-.402	.089	-.157	-.744
150	851	-.164	.112	.239	-.497	150	942	-.380	.069	-.127	-.845	160	106	-.257	.051	-.101	-.478
150	852	-.114	.062	.093	-.282	150	943	-.389	.073	-.179	-.899	160	107	-.259	.049	-.104	-.460
150	853	-.151	.045	.031	-.316	150	944	-.345	.094	-.040	-1.204	160	108	-.287	.053	-.113	-.579
150	854	-.220	.058	.018	-.440	150	945	-.293	.107	.077	-.746	160	109	-.346	.075	-.066	-.659
150	855	-.346	.092	-.139	-.773	150	946	-.399	.081	-.196	-.874	160	110	-.373	.093	-.090	-.747
150	856	-.487	.180	-.151	-1.282	150	947	-.650	.170	-.241	-1.464	160	111	-.397	.114	-.097	-.972
150	857	-.411	.121	-.048	-.907	150	948	-.675	.193	-.158	-1.692	160	112	-.274	.045	-.121	-.477
150	858	-.192	.058	-.005	-.464	150	949	-.679	.184	.099	-1.786	160	113	-.277	.044	-.096	-.511
150	859	-.120	.043	.105	-.263	150	950	-.384	.082	-.112	-1.124	160	114	-.289	.046	-.118	-.481
150	901	-.434	.140	-.027	-1.410	150	951	-.440	.092	-.168	-1.002	160	115	-.313	.050	-.163	-.546
150	902	-.419	.127	-.086	-1.163	150	952	-.406	.117	-.112	-1.124	160	116	-.342	.062	-.135	-.593
150	903	-.415	.135	-.015	-1.155	150	953	-.326	.116	.040	-.907	160	117	-.404	.096	-.127	-.866
150	904	-.412	.128	-.024	-1.028	150	954	-.480	.131	.031	-1.091	160	118	-.301	.041	-.169	-.492
150	905	-.346	.084	-.106	-.801	150	955	-.758	.185	-.082	-2.104	160	119	-.307	.043	-.197	-.787
150	906	-.309	.077	-.095	-.842	150	956	-.581	.181	.099	-1.442	160	120	-.315	.039	-.149	-.500
150	907	-.307	.073	-.093	-.849	150	957	-.496	.229	.378	-1.588	160	121	-.341	.042	-.198	-.560
150	908	-.314	.080	-.106	-.838	150	958	-.213	.124	.336	-.833	160	122	-.370	.058	-.208	-.619
150	909	-.435	.131	-.066	-1.189	150	959	-.296	.103	.024	-.767	160	123	-.435	.089	-.174	-.840
150	910	-.431	.134	.003	-1.166	150	960	-.107	.111	.259	-.548	160	124	-.292	.050	-.138	-.739
150	911	-.433	.137	.046	-1.146	150	961	-.122	.106	.278	-.457	160	125	-.306	.053	-.174	-.676
150	912	-.424	.080	-.230	-.783	150	962	-.249	.082	.138	-.774	160	126	-.327	.046	-.189	-.611
150	913	-.406	.103	-.101	-.902	150	963	-.065	.098	.299	-.336	160	127	-.366	.054	-.206	-.664
150	914	-.352	.086	-.113	-.832	150	964	-.125	.067	.122	-.389	160	128	-.400	.064	-.189	-.684
150	915	-.361	.072	-.098	-.716	150	965	-.205	.090	.049	-1.066	160	129	-.413	.077	-.214	-.857
150	916	-.338	.077	-.129	-.781	150	966	-.296	.073	-.116	-.623	160	130	-.305	.091	-.103	-1.022
150	917	-.418	.111	-.109	-1.108	150	967	-.242	.050	-.063	-.473	160	131	-.321	.093	-.140	-1.097
150	918	-.422	.118	-.040	-1.286	150	968	-.134	.061	.073	-.438	160	132	-.334	.073	-.151	-.814
150	919	-.385	.100	-.026	-.899	150	969	-.276	.060	-.025	-.515	160	133	-.341	.065	-.134	-.698
150	920	-.400	.116	-.029	-.921	150	970	-.189	.077	.042	-.662	160	134	-.388	.086	-.172	-.782
150	921	-.411	.104	-.090	-1.045	150	971	-.206	.078	.038	-1.332	160	135	-.377	.084	-.179	-.992
150	922	-.429	.108	-.145	-.951	150	972	-.179	.063	.126	-.739	160	136	-.354	.175	-.012	-1.561
150	923	-.377	.094	-.119	-.754	150	973	-.282	.082	-.091	-.763	160	137	-.337	.136	-.089	-1.294
150	924	-.426	.108	-.122	-1.028	150	974	-.057	.077	.364	-.268	160	138	-.323	.099	-.060	-.849
150	925	-.426	.102	-.120	-.984	150	975	-.165	.075	.070	-.786	160	139	-.275	.077	-.026	-.724
150	926	-.425	.125	-.037	-1.098	150	976	-.194	.087	.101	-.686	160	140	-.267	.081	.092	-.734
150	927	-.439	.137	.032	-1.189	150	977	-.163	.074	.131	-.525	160	141	-.272	.090	-.031	-.779
150	928	-.437	.115	-.140	-1.144	150	978	-.178	.084	.031	-.690	160	142	-.293	.076	-.045	-.712
150	929	-.656	.135	-.214	-1.228	150	979	-.379	.213	.361	-1.478	160	143	-.302	.076	-.103	-.825
150	930	-.295	.139	.170	-.804	150	980	-.229	.061	.120	-.563	160	144	-.272	.066	-.103	-.599
150	931	-.423	.104	-.126	-1.193	150	981	-.212	.072	.139	-.593	160	145	-.248	.071	-.057	-.669
150	932	-.436	.105	-.051	-.937	150	982	-.198	.061	.041	-.417	160	146	-.208	.067	.111	-.474
150	933	-.463	.128	-.017	-.928	150	983	-.283	.189	.289	-1.192	160	147	-.216	.069	.046	-.695
150	934	-.476	.147	-.156	-1.147	150	984	-.221	.064	.049	-.538	160	148	-.205	.039	-.058	-.451
150	935	-.435	.106	-.122	-1.221	150	985	-.208	.073	.137	-.498	160	149	-.207	.043	-.097	-.513
150	936	-.225	.156	.421	-.675	150	986	-.196	.064	.051	-.486	160	150	-.193	.049	.084	-.482
150	937	-.523	.250	.352	-1.236	160	101	-.531	.171	-.073	-1.362	160	151	-.434	.135	-.090	-1.195
150	938	-.394	.082	-.175	-1.004	160	102	-.465	.134	-.088	-1.098	160	152	-.211	.065	-.015	-.576

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	153	-.174	.053	.024	-.465	160	233	-.291	.067	.027	-.545	160	306	-.188	.096	.251	-.579
160	154	-.208	.045	-.058	-.528	160	234	-.296	.062	-.036	-.570	160	307	-.011	.099	.478	-.310
160	155	-.214	.054	-.057	-.530	160	235	-.299	.052	-.107	-.530	160	308	.066	.109	.489	-.249
160	156	-.224	.061	-.037	-.542	160	236	-.322	.057	-.124	-.590	160	309	.061	.113	.563	-.401
160	157	-.365	.123	.024	-1.048	160	237	-.288	.056	-.076	-.713	160	310	.074	.118	.464	-.379
160	158	-.451	.196	-.203	-1.012	160	238	-.248	.183	.420	-.891	160	311	.236	.148	.764	-.236
160	159	-.342	.097	-.073	-.781	160	239	-.501	.151	.001	-1.221	160	312	-.240	.084	.062	-.601
160	160	-.196	.062	.062	-.494	160	240	-.279	.074	.087	-.576	160	313	.184	.123	.675	-.221
160	161	-.193	.062	.033	-.581	160	241	-.262	.050	-.092	-.461	160	314	.346	.140	.862	-.090
160	162	-.225	.064	.166	-.542	160	242	-.266	.055	-.050	-.501	160	315	.434	.134	.941	.002
160	163	-.420	.106	-.102	-.918	160	243	-.273	.055	-.071	-.593	160	316	.501	.144	.972	-.099
160	164	-.324	.110	.067	-.923	160	244	-.323	.100	-.108	-.944	160	317	.341	.160	.924	-.161
160	165	-.207	.043	-.073	-.492	160	245	-.308	.102	-.038	-.981	160	318	-.390	.092	-.038	-.886
160	166	-.214	.046	-.080	-.458	160	246	-.313	.161	.392	-.965	160	319	.043	.090	.301	-.387
160	167	-.227	.050	-.085	-.537	160	247	-.362	.123	.041	-1.306	160	320	.156	.110	.529	-.212
160	168	-.163	.040	-.005	-.381	160	248	-.266	.075	.036	-.635	160	321	.312	.129	.699	-.153
160	169	-.221	.061	-.014	-.475	160	249	-.242	.056	-.061	-.532	160	322	.418	.142	.938	-.034
160	170	-.201	.046	-.046	-.357	160	250	-.241	.051	-.032	-.507	160	323	.291	.157	.882	-.592
160	201	-.830	.235	.339	-1.505	160	251	-.251	.057	-.089	-.483	160	324	-.507	.112	-.096	-1.139
160	202	-.420	.107	-.069	-.822	160	252	-.333	.121	-.112	-1.007	160	325	-.232	.062	.000	-.516
160	203	-.356	.123	.102	-.817	160	253	-.327	.142	-.093	-1.444	160	326	-.084	.067	.144	-.331
160	204	-.488	.249	.496	-1.626	160	254	-.212	.101	.279	-.495	160	327	.068	.108	.403	-.339
160	205	-.405	.105	-.115	-.817	160	255	-.269	.076	.001	-.698	160	328	.219	.155	.689	-.335
160	206	-.329	.262	.657	-1.510	160	256	-.238	.077	.009	-.693	160	329	.246	.185	.806	-.389
160	207	-.843	.226	.092	-1.709	160	257	-.242	.074	-.001	-.700	160	330	-.537	.155	-.040	-1.274
160	208	-.387	.137	.137	-1.066	160	258	-.243	.062	-.025	-.628	160	331	-.229	.071	.053	-.590
160	209	-.348	.096	.094	-.644	160	259	-.242	.054	-.037	-.520	160	332	-.133	.069	.130	-.387
160	210	-.325	.089	.185	-.702	160	260	-.289	.063	-.119	-.575	160	333	-.046	.087	.334	-.384
160	211	-.301	.082	.147	-.647	160	261	-.288	.074	-.078	-.698	160	334	.059	.143	.568	-.411
160	212	-.301	.065	-.101	-.615	160	262	-.136	.085	.388	-.319	160	335	.066	.161	.607	-.426
160	213	-.252	.059	-.074	-.614	160	263	-.135	.062	.233	-.312	160	336	-.260	.174	.230	-1.320
160	214	-.617	.357	.581	-1.772	160	264	-.132	.055	.085	-.321	160	337	-.134	.089	.245	-.547
160	215	-.805	.230	.118	-1.738	160	265	-.207	.041	-.094	-.498	160	338	-.130	.089	.254	-.850
160	216	-.466	.273	.201	-1.480	160	266	-.078	.104	.504	-.406	160	339	-.120	.096	.278	-.488
160	217	-.308	.106	.100	-.728	160	267	-.066	.131	.514	-.399	160	340	-.125	.117	.478	-.559
160	218	-.302	.102	.180	-.642	160	268	-.234	.090	.119	-.844	160	341	-.162	.135	.381	-.640
160	219	-.292	.072	.062	-.621	160	269	-.162	.047	.030	-.401	160	342	-.209	.077	.101	-.604
160	220	-.309	.052	-.137	-.546	160	270	.084	.126	.657	-.205	160	343	-.161	.055	.147	-.438
160	221	-.278	.048	-.141	-.549	160	271	.088	.169	.686	-.273	160	344	-.147	.053	.097	-.418
160	222	-.537	.308	.549	-1.785	160	272	-.218	.066	.102	-.474	160	345	-.150	.064	.154	-.435
160	223	-.806	.246	-.050	-1.655	160	273	-.111	.065	.214	-.324	160	346	-.153	.093	.299	-.585
160	224	-.360	.185	.198	-1.244	160	274	-.133	.061	.136	-.324	160	347	-.165	.133	.538	-.509
160	225	-.304	.090	.163	-.704	160	275	-.052	.080	.284	-.258	160	348	-.089	.071	.281	-.314
160	226	-.307	.079	.116	-.569	160	276	-.108	.049	.073	-.280	160	349	-.111	.049	.153	-.251
160	227	-.312	.060	-.031	-.545	160	277	-.213	.039	-.089	-.391	160	401	-.513	.176	-.019	-1.489
160	228	-.335	.050	-.170	-.545	160	301	-.001	.211	.658	-.760	160	402	-.560	.140	-.173	-1.438
160	229	-.301	.049	-.144	-.680	160	302	.426	.176	.957	-.566	160	403	-.490	.138	-.054	-1.327
160	230	-.255	.212	.465	-1.093	160	303	-.213	.190	.588	-.759	160	404	-.500	.175	-.063	-1.566
160	231	-.591	.175	.114	-1.409	160	304	-.405	.104	.067	-.846	160	405	-.482	.121	-.087	-1.027
160	232	-.285	.089	.086	-.619	160	305	-.222	.236	.761	-.858	160	406	-.461	.179	-.041	-1.210

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	407	-.467	.171	.079	-1.298	160	457	-.196	.042	-.033	-.413	160	820	-.211	.041	-.080	-.416
160	408	-.445	.135	.010	-1.320	160	458	-.203	.058	.006	-.604	160	821	-.194	.051	.014	-.450
160	409	-.457	.140	-.029	-1.184	160	459	-.217	.081	.044	-.908	160	822	-.198	.039	-.040	-.357
160	410	-.468	.135	.067	-1.256	160	460	-.240	.111	.099	-1.071	160	823	-.199	.037	-.058	-.407
160	411	-.432	.104	-.128	-1.103	160	461	-.246	.127	.192	-1.072	160	824	-.230	.068	.042	-.538
160	412	-.423	.104	-.172	-1.426	160	462	-.192	.050	.008	-.394	160	825	-.194	.065	.100	-.443
160	413	-.463	.123	-.166	-1.465	160	463	-.196	.052	-.019	-.440	160	826	-.188	.045	-.040	-.410
160	414	-.490	.173	-.067	-1.187	160	464	-.214	.070	.035	-.498	160	827	-.192	.046	-.049	-.419
160	415	-.487	.160	-.042	-1.170	160	465	-.201	.037	-.070	-.365	160	828	-.119	.074	.236	-.325
160	416	-.452	.119	-.045	-1.148	160	466	-.206	.038	-.077	-.394	160	829	-.182	.050	.015	-.407
160	417	-.453	.118	-.087	-.939	160	467	-.194	.043	-.059	-.450	160	830	-.224	.083	.095	-.587
160	418	-.452	.123	-.061	-1.232	160	468	-.134	.039	-.007	-.332	160	831	-.185	.084	.213	-.483
160	419	-.434	.096	-.121	-1.224	160	469	-.150	.028	-.027	-.252	160	832	-.196	.052	-.017	-.638
160	420	-.420	.093	-.144	-1.279	160	470	-.181	.042	-.034	-.361	160	833	-.202	.059	-.028	-.642
160	421	-.415	.090	-.114	-1.130	160	471	-.153	.051	.059	-.416	160	834	-.222	.077	.079	-.515
160	422	-.498	.149	-.109	-1.343	160	472	-.122	.058	.157	-.336	160	835	-.182	.070	.137	-.524
160	423	-.488	.127	-.130	-1.158	160	473	-.179	.034	-.038	-.393	160	836	-.131	.050	.102	-.327
160	424	-.476	.112	-.127	-.885	160	474	-.185	.035	-.018	-.302	160	837	-.100	.058	.148	-.277
160	425	-.497	.119	-.077	-1.112	160	475	-.216	.043	-.066	-.486	160	838	-.189	.048	-.031	-.426
160	426	-.310	.137	-.108	-1.197	160	476	-.179	.034	-.054	-.372	160	839	-.207	.064	-.053	-.681
160	427	-.492	.130	-.069	-1.625	160	477	-.124	.036	.059	-.316	160	840	-.225	.083	-.035	-.843
160	428	-.479	.118	-.118	-1.394	160	478	-.152	.038	.023	-.329	160	841	-.230	.070	.228	-.508
160	429	-.470	.119	-.061	-1.462	160	479	-.092	.037	.066	-.197	160	842	-.196	.062	.162	-.690
160	430	-.431	.094	-.096	-.821	160	480	-.211	.054	-.027	-.495	160	843	-.163	.062	.077	-.373
160	431	-.432	.108	-.114	-1.100	160	481	-.190	.038	-.027	-.313	160	844	-.143	.057	.120	-.413
160	432	-.444	.118	-.004	-.948	160	482	-.240	.047	-.034	-.461	160	845	-.154	.046	-.002	-.371
160	433	-.323	.139	-.133	-1.151	160	483	-.135	.033	.091	-.254	160	846	-.187	.046	-.040	-.425
160	434	-.577	.167	-.041	-1.560	160	484	-.153	.036	.246	-.263	160	847	-.252	.084	-.018	-.824
160	435	-.568	.159	-.135	-1.453	160	485	-.146	.031	.002	-.250	160	848	-.233	.062	-.066	-.590
160	436	-.351	.146	-.155	-1.427	160	486	-.111	.038	.039	-.318	160	849	-.222	.096	.376	-.519
160	437	-.354	.152	-.163	-1.713	160	487	-.086	.040	.139	-.188	160	850	-.184	.083	.219	-.519
160	438	-.390	.095	-.123	-1.007	160	801	-.309	.076	-.131	-.775	160	851	-.159	.068	.190	-.436
160	439	-.377	.082	-.078	-.775	160	802	-.295	.074	-.140	-.745	160	852	-.144	.043	.037	-.305
160	440	-.335	.081	-.064	-.859	160	803	-.308	.072	-.141	-.681	160	853	-.152	.042	.028	-.332
160	441	-.391	.114	-.112	-1.002	160	804	-.266	.059	-.111	-.544	160	854	-.190	.047	-.029	-.479
160	442	-.517	.188	.014	-1.468	160	805	-.237	.049	-.134	-.528	160	855	-.237	.063	-.039	-.703
160	443	-.627	.237	-.049	-2.604	160	806	-.217	.069	-.004	-.542	160	856	-.250	.088	-.047	-.918
160	444	-.653	.236	-.154	-2.076	160	807	-.220	.070	.019	-.551	160	857	-.374	.110	.002	-.886
160	445	-.689	.253	-.063	-1.966	160	808	-.219	.065	-.004	-.688	160	858	-.204	.046	-.036	-.379
160	446	-.289	.103	-.007	-1.006	160	809	-.265	.058	-.098	-.569	160	859	-.147	.035	.054	-.274
160	447	-.293	.074	-.065	-.624	160	810	-.248	.055	-.022	-.485	160	901	-.470	.191	-.021	-1.454
160	448	-.233	.044	-.058	-.411	160	811	-.277	.056	-.134	-.512	160	902	-.440	.156	-.024	-1.172
160	449	-.225	.041	-.080	-.367	160	812	-.238	.053	-.048	-.467	160	903	-.435	.153	-.012	-1.035
160	450	-.250	.064	-.064	-.738	160	813	-.232	.056	-.007	-.594	160	904	-.417	.129	.027	-1.020
160	451	-.307	.127	-.047	-1.221	160	814	-.208	.053	.048	-.558	160	905	-.307	.066	-.101	-.609
160	452	-.454	.209	-.028	-1.886	160	815	-.217	.053	-.051	-.560	160	906	-.260	.060	-.068	-.520
160	453	-.442	.231	.190	-1.566	160	816	-.215	.051	-.029	-.515	160	907	-.253	.060	-.079	-.581
160	454	-.228	.069	-.047	-.781	160	817	-.233	.061	-.016	-.503	160	908	-.261	.060	-.064	-.536
160	455	-.221	.051	-.068	-.447	160	818	-.203	.052	-.018	-.462	160	909	-.481	.170	.035	-1.278
160	456	-.198	.038	-.047	-.375	160	819	-.161	.047	.068	-.351	160	910	-.459	.168	-.002	-1.332

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	911	-.457	.151	.075	-1.156
160	912	-.446	.083	-.201	-.777
160	913	-.382	.096	-.050	-.894
160	914	-.304	.071	-.055	-.631
160	915	-.297	.058	-.124	-.573
160	916	-.281	.066	-.021	-.644
160	917	-.455	.135	-.010	-1.511
160	918	-.445	.146	.023	-1.266
160	919	-.382	.094	-.105	-.858
160	920	-.389	.104	-.025	-.895
160	921	-.461	.131	-.012	-1.072
160	922	-.480	.135	-.119	-1.126
160	923	-.428	.114	-.094	-.923
160	924	-.480	.157	-.016	-1.417
160	925	-.468	.133	-.056	-1.260
160	926	-.443	.111	-.021	-.984
160	927	-.448	.118	.022	-1.060
160	928	-.494	.137	-.098	-1.169
160	929	-.737	.147	-.302	-1.313
160	930	-.368	.121	.119	-.892
160	931	-.499	.143	.009	-1.360
160	932	-.493	.140	-.064	-1.417
160	933	-.497	.115	-.056	-.986
160	934	-.476	.119	-.070	-1.060
160	935	-.510	.132	-.065	-1.188
160	936	-.241	.137	.446	-.761
160	937	-.622	.196	.260	-1.211
160	938	-.449	.117	-.005	-1.122
160	939	-.471	.119	-.110	-1.120
160	940	-.618	.136	-.148	-1.107
160	941	-.526	.118	-.096	-1.075
160	942	-.459	.106	-.191	-1.129
160	943	-.464	.112	-.170	-1.302
160	944	-.396	.106	-.036	-1.049
160	945	-.278	.101	.107	-.787
160	946	-.375	.072	-.139	-.774
160	947	-.651	.145	-.284	-1.550
160	948	-.645	.142	-.258	-1.309
160	949	-.696	.155	-.144	-1.736
160	950	-.450	.119	-.124	-1.360
160	951	-.547	.118	-.082	-1.206
160	952	-.470	.122	-.061	-1.023
160	953	-.335	.115	.255	-.980
160	954	-.472	.124	-.045	-1.077
160	955	-.744	.159	-.187	-1.540
160	956	-.589	.158	-.005	-1.229
160	957	-.671	.226	.224	-1.455
160	958	-.217	.118	.183	-1.052
160	959	-.247	.104	.081	-.692
160	960	-.174	.078	.197	-.600
160	961	-.182	.075	.116	-.461
160	962	-.237	.076	.100	-.609
160	963	-.111	.062	.155	-.387
160	964	-.141	.055	.144	-.337
160	965	-.209	.061	.074	-.537
160	966	-.194	.056	.040	-.406
160	967	-.183	.046	.031	-.392
160	968	-.171	.054	.010	-.417
160	969	-.209	.041	-.039	-.404
160	970	-.184	.064	.010	-.526
160	971	-.229	.063	.010	-.741
160	972	-.198	.061	.012	-.475
160	973	-.191	.046	-.039	-.461
160	974	-.149	.074	.199	-.459
160	975	-.181	.076	.024	-.602
160	976	-.258	.087	.024	-.741
160	977	-.208	.073	-.016	-.588
160	978	-.248	.093	.035	-.724
160	979	-.486	.191	.157	-1.302
160	980	-.211	.052	-.035	-.537
160	981	-.230	.080	.052	-.795
160	982	-.187	.053	.015	-.487
160	983	-.462	.205	.155	-1.342
160	984	-.207	.049	-.034	-.471
160	985	-.193	.053	.033	-.473
160	986	-.166	.048	.010	-.342
170	101	-.332	.098	-.102	-.884
170	102	-.331	.093	-.061	-.873
170	103	-.318	.090	-.153	-.865
170	104	-.319	.096	-.088	-.970
170	105	-.298	.063	-.092	-.666
170	106	-.220	.036	-.094	-.415
170	107	-.219	.032	-.123	-.368
170	108	-.238	.038	-.122	-.385
170	109	-.258	.050	-.122	-.484
170	110	-.252	.060	-.092	-.529
170	111	-.262	.065	-.073	-.637
170	112	-.229	.031	-.112	-.347
170	113	-.233	.032	-.140	-.373
170	114	-.237	.030	-.148	-.370
170	115	-.246	.035	-.131	-.390
170	116	-.254	.042	-.140	-.456
170	117	-.261	.058	-.123	-.581
170	118	-.244	.037	-.140	-.661
170	119	-.244	.036	-.153	-.469
170	120	-.249	.029	-.173	-.408
170	121	-.260	.033	-.169	-.413
170	122	-.262	.044	-.140	-.499
170	123	-.272	.058	-.105	-.859
170	124	-.235	.045	-.091	-.552
170	125	-.244	.043	-.136	-.484
170	126	-.244	.030	-.149	-.459
170	127	-.261	.038	-.154	-.456
170	128	-.271	.045	-.156	-.561
170	129	-.268	.059	-.119	-1.059
170	130	-.231	.066	-.089	-1.030
170	131	-.235	.058	-.077	-.598
170	132	-.234	.043	-.111	-.450
170	133	-.248	.046	-.143	-.459
170	134	-.260	.060	-.125	-.668
170	135	-.251	.061	-.106	-.750
170	136	-.224	.063	-.097	-.742
170	137	-.236	.064	-.114	-.944
170	138	-.236	.049	-.097	-.543
170	139	-.209	.039	-.041	-.406
170	140	-.252	.075	-.105	-.672
170	141	-.259	.071	-.092	-.664
170	142	-.242	.050	-.112	-.479
170	143	-.247	.046	-.117	-.470
170	144	-.224	.041	-.100	-.448
170	145	-.204	.039	-.073	-.367
170	146	-.181	.039	-.056	-.341
170	147	-.186	.045	-.058	-.545
170	148	-.183	.026	-.088	-.286
170	149	-.185	.028	-.098	-.274
170	150	-.163	.030	-.042	-.274
170	151	-.308	.083	-.098	-.908
170	152	-.196	.046	-.064	-.398
170	153	-.163	.040	-.049	-.344
170	154	-.184	.032	-.081	-.352
170	155	-.186	.036	-.069	-.323
170	156	-.183	.039	-.079	-.398
170	157	-.392	.110	-.096	-.886
170	158	-.450	.098	-.227	-.944
170	159	-.348	.074	-.098	-.652
170	160	-.191	.041	-.052	-.432
170	161	-.177	.038	-.049	-.386
170	162	-.187	.035	-.003	-.379
170	163	-.370	.079	-.176	-.774
170	164	-.310	.080	-.081	-.613
170	165	-.190	.026	-.108	-.305
170	166	-.191	.028	-.103	-.347
170	167	-.196	.029	-.076	-.315
170	168	-.135	.025	-.018	-.223
170	169	-.190	.036	-.002	-.315
170	170	-.197	.032	-.088	-.308
170	201	-.596	.179	.155	-1.342
170	202	-.295	.071	-.080	-.762
170	203	-.297	.094	.151	-.765
170	204	-.445	.214	.466	-1.320

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	205	-.295	.073	-.076	-.833	170	255	-.261	.061	-.068	-.533	170	328	.008	.127	.543	-.405
170	206	-.454	.219	-.275	-1.390	170	256	-.241	.072	-.008	-.591	170	329	-.006	.169	.750	-.574
170	207	-.705	.189	-.101	-1.474	170	257	-.224	.063	-.025	-.496	170	330	-.308	.126	.071	-.986
170	208	-.350	.094	.113	-.862	170	258	-.220	.053	-.035	-.493	170	331	-.164	.058	.062	-.433
170	209	-.303	.068	-.037	-.663	170	259	-.212	.043	-.076	-.462	170	332	-.133	.055	.057	-.409
170	210	-.279	.062	.078	-.589	170	260	-.236	.045	-.123	-.452	170	333	-.110	.060	.122	-.365
170	211	-.256	.051	.072	-.497	170	261	-.243	.051	-.118	-.540	170	334	-.079	.090	.334	-.413
170	212	-.249	.045	-.103	-.439	170	262	-.158	.037	-.030	-.356	170	335	-.085	.131	.513	-.447
170	213	-.225	.040	-.107	-.395	170	263	-.132	.052	.139	-.282	170	336	-.140	.098	.168	-.629
170	214	-.702	.295	.223	-1.864	170	264	-.123	.041	.043	-.282	170	337	-.099	.059	.165	-.481
170	215	-.696	.213	.234	-1.848	170	265	-.181	.027	-.089	-.339	170	338	-.101	.052	.132	-.408
170	216	-.399	.176	.081	-1.261	170	266	-.111	.050	.210	-.329	170	339	-.110	.064	.179	-.516
170	217	-.298	.074	.285	-.593	170	267	-.138	.057	.286	-.339	170	340	-.104	.085	.269	-.422
170	218	-.266	.065	.126	-.480	170	268	-.227	.053	-.020	-.633	170	341	-.145	.123	.406	-.523
170	219	-.255	.049	.011	-.567	170	269	-.161	.034	-.052	-.304	170	342	-.118	.057	.312	-.337
170	220	-.254	.039	-.147	-.463	170	270	.067	.109	.619	-.140	170	343	-.107	.045	.099	-.325
170	221	-.232	.034	-.134	-.500	170	271	.072	.136	.624	-.216	170	344	-.107	.040	.078	-.278
170	222	-.564	.299	.480	-1.617	170	272	-.205	.048	.004	-.422	170	345	-.119	.042	.062	-.356
170	223	-.650	.213	.360	-1.489	170	273	-.141	.036	.019	-.260	170	346	-.148	.050	.109	-.549
170	224	-.328	.120	.203	-1.128	170	274	-.162	.035	-.003	-.304	170	347	-.211	.057	.170	-.438
170	225	-.279	.067	.072	-.619	170	275	-.096	.049	.131	-.253	170	348	-.101	.031	.036	-.211
170	226	-.265	.055	.062	-.505	170	276	-.127	.034	.034	-.241	170	349	-.094	.030	.026	-.179
170	227	-.259	.046	-.052	-.486	170	277	-.184	.026	-.116	-.292	170	401	-.412	.148	-.091	-1.123
170	228	-.261	.041	-.139	-.451	170	301	.003	.170	.648	-.816	170	402	-.485	.119	-.142	-.997
170	229	-.244	.043	-.124	-.606	170	302	.213	.203	.915	-.552	170	403	-.441	.134	.020	-.972
170	230	-.310	.214	-.313	-1.175	170	303	-.120	.193	.565	-.700	170	404	-.401	.161	-.067	-1.482
170	231	-.468	.134	-.061	-1.024	170	304	-.316	.125	.200	-.843	170	405	-.465	.138	.001	-1.149
170	232	-.280	.083	.104	-.872	170	305	-.192	.202	.676	-.981	170	406	-.278	.087	-.012	-.772
170	233	-.257	.057	.012	-.495	170	306	-.216	.131	.450	-.703	170	407	-.291	.099	-.052	-.926
170	234	-.246	.045	-.041	-.477	170	307	-.070	.108	.407	-.529	170	408	-.303	.099	-.037	-.858
170	235	-.238	.039	-.095	-.390	170	308	-.016	.115	.461	-.359	170	409	-.372	.133	-.012	-1.051
170	236	-.254	.052	-.089	-.582	170	309	-.012	.120	.448	-.559	170	410	-.451	.151	-.043	-1.182
170	237	-.235	.044	-.093	-.482	170	310	-.001	.129	.623	-.463	170	411	-.496	.175	-.133	-1.421
170	238	-.265	.156	.387	-.909	170	311	.072	.179	.715	-.526	170	412	-.595	.215	-.129	-1.645
170	239	-.386	.105	-.041	-.983	170	312	-.277	.128	.244	-1.094	170	413	-.576	.210	-.002	-1.646
170	240	-.258	.063	-.018	-.653	170	313	.070	.108	.572	-.246	170	414	-.278	.088	-.064	-.838
170	241	-.235	.042	-.097	-.424	170	314	.172	.130	.715	-.219	170	415	-.287	.092	-.051	-.802
170	242	-.220	.045	-.047	-.426	170	315	.246	.150	.792	-.188	170	416	-.302	.099	-.037	-.914
170	243	-.215	.044	-.035	-.406	170	316	.290	.171	.905	-.210	170	417	-.351	.125	-.048	-1.120
170	244	-.243	.067	-.049	-.616	170	317	.114	.195	.850	-.431	170	418	-.454	.162	-.061	-1.197
170	245	-.231	.060	-.075	-.732	170	318	-.330	.126	.133	-.967	170	419	-.536	.174	-.067	-1.429
170	246	-.253	.151	.446	-.726	170	319	-.063	.075	.255	-.306	170	420	-.522	.148	-.173	-1.410
170	247	-.306	.087	.034	-.779	170	320	.040	.095	.524	-.208	170	421	-.553	.173	-.157	-1.464
170	248	-.238	.060	-.027	-.511	170	321	.129	.126	.618	-.172	170	422	-.274	.069	-.119	-.665
170	249	-.210	.047	-.023	-.430	170	322	.203	.177	.893	-.263	170	423	-.293	.076	-.111	-.766
170	250	-.199	.042	-.025	-.418	170	323	.076	.207	.756	-.687	170	424	-.288	.091	-.021	-.749
170	251	-.203	.040	-.037	-.376	170	324	-.359	.142	.085	-1.053	170	425	-.345	.126	-.059	-.993
170	252	-.229	.064	-.086	-.732	170	325	-.154	.064	.148	-.395	170	426	-.442	.169	-.083	-1.246
170	253	-.224	.059	-.091	-.654	170	326	-.103	.047	.087	-.304	170	427	-.493	.191	-.074	-1.619
170	254	-.243	.061	.092	-.498	170	327	-.051	.071	.247	-.706	170	428	-.516	.183	-.095	-1.610

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	429	-.509	.180	-.077	-1.533	170	479	-.098	.036	.129	-.205	170	842	-.189	.042	-.049	-.355
170	430	-.271	.060	-.092	-.594	170	480	-.192	.033	-.062	-.306	170	843	-.147	.034	-.027	-.333
170	431	-.273	.055	-.110	-.549	170	481	-.180	.026	-.067	-.258	170	844	-.119	.036	.026	-.315
170	432	-.257	.068	-.056	-.731	170	482	-.213	.031	-.103	-.324	170	845	-.114	.035	.038	-.279
170	433	-.279	.100	.054	-1.013	170	483	-.140	.023	-.041	-.214	170	846	-.152	.029	-.052	-.286
170	434	-.374	.162	-.005	-1.232	170	484	-.159	.022	-.071	-.237	170	847	-.176	.035	-.055	-.490
170	435	-.462	.206	-.059	-1.649	170	485	-.161	.020	-.097	-.241	170	848	-.170	.030	-.072	-.299
170	436	-.503	.197	-.166	-1.488	170	486	-.139	.035	.071	-.301	170	849	-.248	.065	-.041	-.493
170	437	-.498	.194	-.089	-1.649	170	487	-.094	.038	.122	-.212	170	850	-.189	.042	-.019	-.454
170	438	-.257	.070	-.100	-.670	170	801	-.247	.049	-.130	-.544	170	851	-.147	.036	-.012	-.308
170	439	-.252	.058	-.090	-.578	170	802	-.245	.050	-.118	-.559	170	852	-.122	.026	-.014	-.232
170	440	-.226	.043	-.020	-.504	170	803	-.244	.046	-.138	-.483	170	853	-.116	.029	.011	-.288
170	441	-.226	.045	-.078	-.510	170	804	-.229	.040	-.101	-.421	170	854	-.154	.032	-.018	-.319
170	442	-.263	.096	-.020	-.916	170	805	-.204	.034	-.118	-.375	170	855	-.177	.035	-.028	-.369
170	443	-.348	.160	-.078	-1.390	170	806	-.181	.045	-.030	-.424	170	856	-.178	.036	-.025	-.393
170	444	-.423	.177	-.096	-1.587	170	807	-.184	.047	-.034	-.380	170	857	-.281	.091	-.007	-.660
170	445	-.390	.174	.149	-1.530	170	808	-.187	.042	-.039	-.401	170	858	-.195	.035	-.074	-.336
170	446	-.246	.067	-.087	-.633	170	809	-.217	.036	-.112	-.375	170	859	-.150	.022	-.069	-.216
170	447	-.247	.053	-.096	-.493	170	810	-.216	.042	-.058	-.384	170	901	-.284	.100	-.038	-1.011
170	448	-.199	.028	-.085	-.316	170	811	-.220	.036	-.099	-.407	170	902	-.267	.082	-.064	-1.026
170	449	-.187	.025	-.092	-.310	170	812	-.195	.032	-.085	-.348	170	903	-.274	.088	-.053	-.731
170	450	-.187	.031	-.063	-.374	170	813	-.192	.036	-.065	-.352	170	904	-.295	.096	-.025	-.787
170	451	-.203	.053	-.044	-.608	170	814	-.171	.043	.014	-.463	170	905	-.249	.048	-.107	-.522
170	452	-.262	.084	-.030	-.827	170	815	-.179	.036	-.067	-.377	170	906	-.223	.040	-.082	-.425
170	453	-.238	.111	.067	-1.213	170	816	-.181	.035	-.083	-.299	170	907	-.225	.040	-.075	-.486
170	454	-.189	.044	-.068	-.390	170	817	-.193	.051	-.030	-.456	170	908	-.221	.039	-.073	-.416
170	455	-.189	.038	-.074	-.362	170	818	-.165	.038	-.011	-.322	170	909	-.282	.093	-.021	-.810
170	456	-.167	.024	-.070	-.269	170	819	-.150	.029	-.030	-.254	170	910	-.273	.086	.011	-.822
170	457	-.158	.022	-.056	-.260	170	820	-.176	.028	-.072	-.287	170	911	-.284	.098	.014	-.882
170	458	-.158	.027	-.046	-.248	170	821	-.154	.035	.026	-.313	170	912	-.300	.069	-.131	-.639
170	459	-.158	.029	-.035	-.345	170	822	-.161	.026	-.057	-.297	170	913	-.288	.074	-.006	-.761
170	460	-.184	.038	-.004	-.450	170	823	-.169	.026	-.071	-.251	170	914	-.251	.047	-.107	-.481
170	461	-.149	.061	.082	-.386	170	824	-.195	.059	.007	-.588	170	915	-.252	.040	-.113	-.449
170	462	-.144	.022	-.064	-.216	170	825	-.155	.050	.000	-.378	170	916	-.244	.042	-.088	-.449
170	463	-.157	.028	-.064	-.275	170	826	-.147	.023	-.034	-.236	170	917	-.322	.113	.006	-.922
170	464	-.157	.046	.034	-.353	170	827	-.156	.025	-.071	-.267	170	918	-.305	.101	.034	-.867
170	465	-.178	.026	-.089	-.263	170	828	-.120	.054	.253	-.299	170	919	-.281	.066	-.090	-.626
170	466	-.180	.023	-.106	-.397	170	829	-.139	.030	.045	-.254	170	920	-.288	.070	-.071	-.686
170	467	-.169	.022	-.099	-.258	170	830	-.198	.072	.056	-.511	170	921	-.331	.096	.037	-.976
170	468	-.134	.026	-.044	-.246	170	831	-.158	.062	.061	-.385	170	922	-.327	.092	-.119	-.925
170	469	-.149	.020	-.044	-.212	170	832	-.155	.028	-.057	-.294	170	923	-.295	.078	.002	-.695
170	470	-.171	.023	-.087	-.251	170	833	-.153	.029	-.048	-.344	170	924	-.389	.145	-.007	-1.209
170	471	-.155	.044	.051	-.324	170	834	-.236	.072	.049	-.521	170	925	-.380	.126	-.055	-.895
170	472	-.114	.043	.078	-.223	170	835	-.180	.057	.059	-.385	170	926	-.320	.076	-.087	-.720
170	473	-.173	.023	-.076	-.246	170	836	-.134	.037	.008	-.306	170	927	-.330	.090	-.102	-.833
170	474	-.177	.022	-.087	-.235	17(	837	-.086	.037	.117	-.197	170	928	-.431	.132	-.019	-1.256
170	475	-.185	.026	-.106	-.292	17!	838	-.142	.033	.004	-.267	170	929	-.515	.129	-.186	-1.170
170	476	-.161	.021	-.067	-.241	17!	839	-.152	.029	-.053	-.324	170	930	-.296	.085	-.027	-.865
170	477	-.142	.025	-.057	-.246	17!	840	-.158	.029	-.041	-.342	170	931	-.469	.164	-.032	-1.344
170	478	-.160	.024	-.046	-.276	17(	841	-.248	.063	-.016	-.463	170	932	-.459	.149	-.043	-1.119

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	933	-.372	.092	-.124	-.930	170	983	-.381	.126	-.051	-1.146	180	147	-.180	.035	-.072	-.393
170	934	-.375	.108	-.104	-.985	170	984	-.193	.034	-.093	-.385	180	148	-.169	.027	-.085	-.315
170	935	-.482	.151	.006	-1.266	170	985	-.190	.037	-.065	-.371	180	149	-.167	.029	-.063	-.296
170	936	-.196	.152	.407	-.791	170	986	-.168	.035	-.035	-.352	180	150	-.139	.026	-.017	-.238
170	937	-.534	.178	.085	-1.283	180	101	-.324	.090	-.086	-.768	180	151	-.246	.067	-.034	-.572
170	938	-.537	.194	-.102	-1.581	180	102	-.327	.103	-.086	-1.057	180	152	-.170	.030	-.070	-.296
170	939	-.498	.167	-.082	-1.309	180	103	-.305	.090	-.097	-.902	180	153	-.152	.027	-.063	-.276
170	940	-.450	.143	-.081	-1.088	180	104	-.282	.063	-.117	-.628	180	154	-.160	.027	-.034	-.269
170	941	-.400	.118	-.032	-1.098	180	105	-.326	.099	-.127	-.968	180	155	-.161	.033	-.058	-.300
170	942	-.519	.152	-.194	-1.265	180	106	-.230	.048	-.088	-.561	180	156	-.157	.027	-.078	-.250
170	943	-.479	.137	-.094	-1.150	180	107	-.224	.042	-.081	-.447	180	157	-.279	.074	-.053	-.593
170	944	-.411	.124	-.071	-1.070	180	108	-.229	.043	-.088	-.485	180	158	-.273	.060	-.090	-.591
170	945	-.290	.116	.197	-.992	180	109	-.212	.034	-.086	-.366	180	159	-.249	.048	-.051	-.475
170	946	-.366	.085	-.075	-.816	180	110	-.204	.032	-.036	-.314	180	160	-.175	.028	-.080	-.315
170	947	-.584	.150	-.158	-1.314	180	111	-.201	.030	-.092	-.320	180	161	-.165	.026	-.078	-.271
170	948	-.618	.154	-.185	-1.594	180	112	-.238	.048	-.089	-.580	180	162	-.160	.032	-.056	-.286
170	949	-.686	.162	-.185	-1.325	180	113	-.227	.033	-.105	-.389	180	163	-.251	.047	-.116	-.436
170	950	-.624	.216	-.049	-1.918	180	114	-.224	.030	-.124	-.361	180	164	-.212	.046	-.080	-.451
170	951	-.496	.164	.071	-1.183	180	115	-.217	.028	-.139	-.322	180	165	-.177	.028	-.085	-.274
170	952	-.450	.151	.112	-1.430	180	116	-.214	.028	-.130	-.322	180	166	-.178	.029	-.092	-.271
170	953	-.339	.128	.209	-.928	180	117	-.214	.029	-.097	-.344	180	167	-.170	.028	-.063	-.271
170	954	-.419	.157	.278	-1.081	180	118	-.250	.053	-.106	-.650	180	168	-.116	.024	-.029	-.199
170	955	-.624	.213	.423	-1.784	180	119	-.248	.043	-.133	-.580	180	169	-.156	.032	-.041	-.293
170	956	-.536	.183	.084	-1.434	180	120	-.241	.029	-.156	-.382	180	170	-.166	.028	-.063	-.250
170	957	-.585	.187	.188	-1.468	180	121	-.237	.028	-.141	-.364	180	201	-.497	.135	-.176	-1.138
170	958	-.163	.043	.022	-.392	180	122	-.236	.034	-.139	-.511	180	202	-.372	.137	-.080	-1.301
170	959	-.167	.046	-.013	-.534	180	123	-.236	.041	-.127	-.557	180	203	-.443	.142	-.042	-1.024
170	960	-.158	.044	.024	-.333	180	124	-.256	.055	-.119	-.968	180	204	-.499	.173	-.118	-1.519
170	961	-.168	.038	.043	-.319	180	125	-.257	.051	-.138	-.646	180	205	-.348	.134	-.086	-1.318
170	962	-.190	.042	-.022	-.422	180	126	-.250	.034	-.130	-.417	180	206	-.775	.279	-.076	-1.816
170	963	-.105	.032	.027	-.235	180	127	-.238	.038	-.146	-.627	180	207	-.767	.251	-.174	-1.896
170	964	-.125	.033	.092	-.247	180	128	-.234	.045	-.100	-.621	180	208	-.526	.171	-.121	-1.382
170	965	-.162	.033	-.039	-.296	180	129	-.233	.044	-.108	-.646	180	209	-.436	.144	-.052	-1.226
170	966	-.143	.025	-.041	-.228	180	130	-.257	.071	-.063	-.874	180	210	-.335	.100	-.060	-.973
170	967	-.147	.027	-.057	-.240	180	131	-.258	.065	-.085	-.553	180	211	-.273	.072	-.020	-.943
170	968	-.144	.030	-.015	-.272	180	132	-.228	.039	-.103	-.424	180	212	-.254	.067	-.070	-.724
170	969	-.177	.030	-.074	-.296	180	133	-.210	.034	-.119	-.530	180	213	-.240	.062	-.037	-.970
170	970	-.150	.028	-.032	-.326	180	134	-.217	.060	-.102	-.681	180	214	-.775	.212	-.200	-1.572
170	971	-.182	.033	-.053	-.329	180	135	-.208	.050	-.110	-.719	180	215	-.635	.176	-.152	-1.359
170	972	-.165	.029	-.064	-.298	180	136	-.210	.046	-.087	-.664	180	216	-.611	.202	-.090	-1.606
170	973	-.156	.021	-.067	-.223	180	137	-.206	.041	-.096	-.505	180	217	-.423	.145	-.033	-1.163
170	974	-.142	.030	-.067	-.300	160	138	-.196	.032	-.053	-.350	180	218	-.312	.099	-.017	-1.144
170	975	-.153	.030	-.046	-.347	180	139	-.196	.037	-.070	-.471	180	219	-.255	.061	-.048	-.652
170	976	-.193	.048	-.046	-.443	180	140	-.215	.059	-.087	-.599	180	220	-.253	.064	-.083	-.742
170	977	-.174	.033	-.067	-.329	180	141	-.213	.060	-.101	-.816	180	221	-.248	.065	-.051	-.580
170	978	-.205	.047	-.027	-.483	180	142	-.210	.036	-.113	-.427	180	222	-.655	.250	-.091	-2.109
170	979	-.394	.116	-.102	-.963	180	143	-.208	.034	-.089	-.360	180	223	-.594	.196	-.157	-1.708
170	980	-.197	.040	-.048	-.403	180	144	-.197	.030	-.084	-.333	180	224	-.529	.202	-.021	-1.536
170	981	-.211	.056	-.046	-.563	180	145	-.185	.032	-.082	-.405	180	225	-.404	.155	-.021	-1.372
170	982	-.172	.036	-.028	-.394	180	146	-.182	.037	-.048	-.367	180	226	-.316	.104	-.019	-.952

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	227	-.263	.073	.014	-.768	180	277	-.177	.030	-.095	-.440	180	401	-.294	.062	-.125	-.650
180	228	-.256	.056	-.081	-.725	180	301	.158	.194	.908	-.451	180	402	-.610	.171	.151	-1.218
180	229	-.262	.068	-.100	-.693	180	302	.095	.178	.792	-.572	180	403	-.325	.102	-.040	-.777
180	230	-.550	.210	.091	-1.618	180	303	.001	.218	.790	-.660	180	404	-.279	.062	-.097	-.576
180	231	-.533	.180	-.054	-1.837	180	304	-.096	.205	.701	-.671	180	405	-.532	.234	.164	-1.513
180	232	-.400	.165	-.088	-1.557	180	305	-.239	.138	.435	-.703	180	406	-.202	.034	-.092	-.372
180	233	-.315	.117	-.058	-1.062	180	306	.007	.171	.609	-.519	180	407	-.220	.035	-.106	-.394
180	234	-.267	.080	-.048	-.987	180	307	.056	.157	.779	-.384	180	408	-.212	.036	-.060	-.457
180	235	-.247	.054	-.060	-.642	180	308	.069	.161	.753	-.338	180	409	-.228	.048	-.080	-.467
180	236	-.257	.055	-.061	-.645	180	309	.051	.154	.655	-.443	180	410	-.258	.078	-.046	-.906
180	237	-.259	.063	-.096	-.644	180	310	-.008	.145	.513	-.429	180	411	-.334	.122	.022	-.954
180	238	-.401	.149	.015	-1.334	180	311	-.203	.161	.344	-.793	180	412	-.648	.216	.023	-1.986
180	239	-.409	.134	-.073	-1.172	180	312	-.074	.159	.675	-.630	180	413	-.521	.273	.430	-1.643
180	240	-.333	.131	-.081	-1.354	180	313	.180	.152	.786	-.189	180	414	-.213	.033	-.108	-.376
180	241	-.259	.073	-.064	-.888	180	314	.223	.161	.907	-.190	180	415	-.217	.030	-.113	-.408
180	242	-.224	.052	-.006	-.710	180	315	.209	.148	.875	-.161	180	416	-.204	.031	-.096	-.363
180	243	-.220	.045	-.063	-.502	180	316	.128	.133	.655	-.231	180	417	-.206	.044	-.016	-.476
180	244	-.252	.063	-.082	-.560	180	317	-.184	.135	.256	-.733	180	418	-.253	.090	.007	-.948
180	245	-.246	.066	-.075	-.635	180	318	-.117	.149	.898	-.671	180	419	-.453	.213	.009	-1.544
180	246	-.300	.090	.005	-.889	180	319	.076	.122	.853	-.256	180	420	-.646	.202	-.038	-1.443
180	247	-.285	.070	-.092	-1.033	180	320	.094	.115	.648	-.158	180	421	-.664	.248	.127	-1.678
180	248	-.258	.066	-.060	-.934	180	321	.077	.107	.555	-.150	180	422	-.234	.045	-.110	-.575
180	249	-.216	.042	-.095	-.460	180	322	.002	.105	.475	-.285	180	423	-.244	.039	-.121	-.504
180	250	-.196	.031	-.078	-.380	180	323	-.277	.149	.441	-.884	180	424	-.208	.034	-.012	-.352
180	251	-.193	.028	-.080	-.313	180	324	-.088	.128	.366	-.502	180	425	-.208	.047	-.040	-.681
180	252	-.206	.039	-.090	-.506	180	325	-.008	.088	.527	-.265	180	426	-.254	.098	-.030	-.845
180	253	-.211	.045	-.109	-.467	180	326	-.026	.065	.354	-.195	180	427	-.386	.195	.084	-1.342
180	254	-.255	.062	-.047	-.559	180	327	-.062	.050	.204	-.220	180	428	-.565	.198	-.012	-1.763
180	255	-.261	.054	-.106	-.568	180	328	-.107	.060	.184	-.345	180	429	-.581	.243	.299	-1.792
180	256	-.249	.055	-.049	-.441	180	329	-.270	.133	.231	-.770	180	430	-.228	.052	-.064	-.659
180	257	-.231	.050	-.059	-.467	180	330	-.077	.091	.296	-.390	180	431	-.232	.042	-.106	-.536
180	258	-.210	.040	-.088	-.390	180	331	-.048	.072	.281	-.292	180	432	-.209	.029	-.092	-.351
180	259	-.203	.034	-.083	-.368	180	332	-.070	.051	.162	-.278	180	433	-.190	.033	-.052	-.557
180	260	-.205	.031	-.095	-.344	180	333	-.104	.039	.065	-.246	180	434	-.197	.045	-.058	-.548
180	261	-.211	.031	-.113	-.349	180	334	-.142	.047	.060	-.329	180	435	-.246	.090	-.003	-.951
180	262	-.154	.026	-.075	-.292	180	335	-.259	.091	.055	-.624	180	436	-.417	.142	.067	-1.228
180	263	-.142	.029	.039	-.238	180	336	-.086	.055	.155	-.292	180	437	-.397	.174	.184	-1.333
180	264	-.135	.028	-.044	-.238	180	337	-.067	.044	.133	-.429	180	438	-.219	.064	-.061	-.846
180	265	-.164	.027	-.073	-.309	180	338	-.077	.036	.088	-.211	180	439	-.204	.043	-.087	-.566
180	266	-.095	.033	.032	-.267	180	339	-.101	.036	.055	-.318	180	440	-.178	.026	-.090	-.304
180	267	-.118	.031	.024	-.265	180	340	-.129	.041	.050	-.315	180	441	-.169	.023	-.091	-.278
180	268	-.189	.046	-.063	-.418	180	341	-.213	.065	.145	-.510	180	442	-.170	.032	-.031	-.333
180	269	-.152	.024	-.070	-.245	180	342	-.106	.043	.110	-.249	180	443	-.185	.047	.003	-.361
180	270	-.030	.062	.333	-.148	180	343	-.093	.036	.062	-.237	180	444	-.283	.081	-.037	-.788
180	271	-.062	.066	.346	-.187	180	344	-.092	.030	.024	-.206	180	445	-.213	.091	.245	-.671
180	272	-.172	.030	-.051	-.301	180	345	-.104	.029	.029	-.239	180	446	-.212	.061	-.070	-.683
180	273	-.141	.022	.000	-.207	180	346	-.127	.030	.043	-.299	180	447	-.195	.042	-.083	-.398
180	274	-.158	.023	-.061	-.272	180	347	-.195	.048	.050	-.403	180	448	-.172	.028	-.076	-.289
180	275	-.113	.031	.042	-.207	180	348	-.071	.032	.166	-.158	180	449	-.159	.025	-.058	-.278
180	276	-.141	.023	-.046	-.211	180	349	-.066	.033	.090	-.165	180	450	-.158	.024	-.073	-.247

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	451	-.167	.031	-.053	-.337	180	814	-.168	.032	-.058	-.310	180	905	-.247	.064	-.037	-.606
180	452	-.211	.049	.006	-.475	180	815	-.172	.032	-.066	-.315	180	906	-.245	.071	-.028	-.656
180	453	-.189	.066	.080	-.416	180	816	-.173	.031	-.068	-.281	180	907	-.238	.057	-.085	-.654
180	454	-.183	.034	-.092	-.323	180	817	-.186	.036	-.067	-.355	180	908	-.256	.076	-.028	-.889
180	455	-.180	.031	-.080	-.317	180	818	-.160	.027	-.034	-.280	180	909	-.225	.041	-.087	-.393
180	456	-.162	.024	-.080	-.263	180	819	-.154	.025	-.057	-.270	180	910	-.226	.039	-.098	-.471
180	457	-.148	.023	-.044	-.237	180	820	-.169	.025	-.095	-.266	180	911	-.231	.039	-.078	-.376
180	458	-.149	.024	-.053	-.249	180	821	-.145	.028	-.027	-.273	180	912	-.254	.041	-.135	-.504
180	459	-.146	.025	-.051	-.263	180	822	-.153	.026	-.053	-.244	180	913	-.266	.075	-.016	-.768
180	460	-.163	.033	-.020	-.301	180	823	-.160	.026	-.078	-.275	180	914	-.253	.076	.047	-.794
180	461	-.133	.047	.057	-.284	180	824	-.195	.043	-.018	-.437	180	915	-.257	.056	-.112	-.710
180	462	-.121	.026	.010	-.199	180	825	-.157	.035	-.034	-.315	180	916	-.250	.058	-.054	-.643
180	463	-.139	.028	.029	-.275	180	826	-.136	.024	-.028	-.223	180	917	-.237	.050	-.105	-.496
180	464	-.152	.045	.000	-.367	180	827	-.143	.024	-.050	-.248	180	918	-.243	.048	-.037	-.462
180	465	-.151	.026	-.068	-.233	180	828	-.136	.035	.072	-.271	180	919	-.277	.085	.073	-.727
180	466	-.152	.021	-.056	-.263	180	829	-.128	.027	-.016	-.221	180	920	-.293	.090	.048	-1.183
180	467	-.141	.021	-.061	-.232	180	830	-.214	.053	.000	-.419	180	921	-.282	.064	-.017	-.597
180	468	-.111	.025	-.015	-.259	180	831	-.168	.046	.035	-.324	180	922	-.311	.088	-.126	-.821
180	469	-.116	.017	-.022	-.175	180	832	-.139	.025	-.037	-.316	180	923	-.310	.092	.048	-.824
180	470	-.132	.021	-.029	-.223	180	833	-.141	.024	-.064	-.232	180	924	-.260	.063	-.055	-.797
180	471	-.111	.031	.051	-.257	180	834	-.251	.058	-.050	-.449	180	925	-.268	.050	-.120	-.625
180	472	-.091	.037	.142	-.243	180	835	-.183	.044	-.025	-.373	180	926	-.336	.104	-.039	-1.108
180	473	-.145	.025	-.006	-.232	180	836	-.137	.025	-.046	-.214	180	927	-.359	.112	-.023	-1.004
180	474	-.147	.021	-.063	-.221	180	837	-.981	.026	.045	-.164	180	928	-.313	.100	-.049	-.953
180	475	-.157	.021	-.079	-.234	180	838	-.133	.028	-.028	-.225	180	929	-.536	.131	-.197	-1.177
180	476	-.133	.022	-.043	-.209	180	839	-.139	.025	-.041	-.232	180	930	-.415	.137	-.027	-1.009
180	477	-.112	.023	-.024	-.180	180	840	-.144	.024	.021	-.246	180	931	-.313	.100	-.066	-.939
180	478	-.124	.021	-.043	-.230	180	841	-.255	.057	-.054	-.474	180	932	-.321	.091	-.075	-.789
180	479	-.084	.029	.035	-.152	180	842	-.173	.032	-.006	-.282	180	933	-.464	.140	-.132	-1.273
180	480	-.158	.032	-.056	-.323	180	843	-.130	.023	-.026	-.214	180	934	-.453	.157	-.079	-1.473
180	481	-.154	.024	-.070	-.225	180	844	-.108	.024	-.017	-.192	180	935	-.391	.163	.100	-1.218
180	482	-.172	.024	-.081	-.287	180	845	-.105	.027	.010	-.194	180	936	-.110	.159	.566	-.568
180	483	-.113	.022	-.020	-.200	180	846	-.137	.024	-.046	-.225	180	937	-.464	.158	.063	-1.130
180	484	-.123	.020	-.045	-.186	180	847	-.157	.027	-.049	-.264	180	938	-.348	.134	-.020	-1.125
180	485	-.122	.019	-.022	-.193	180	848	-.151	.025	-.063	-.294	180	939	-.361	.118	-.049	-.890
180	486	-.096	.026	.046	-.186	180	849	-.253	.055	-.075	-.515	180	940	-.498	.162	-.064	-1.239
180	487	-.082	.029	.033	-.170	180	850	-.169	.030	-.008	-.282	180	941	-.566	.224	-.081	-1.644
180	801	-.217	.034	-.114	-.426	180	851	-.130	.025	-.005	-.228	180	942	-.575	.144	-.246	-1.184
180	802	-.212	.030	-.108	-.363	180	852	-.108	.017	-.044	-.158	180	943	-.520	.147	-.100	-1.374
180	803	-.208	.031	-.113	-.399	180	853	-.108	.021	-.032	-.176	180	944	-.456	.131	-.030	-1.209
180	804	-.195	.028	-.097	-.358	180	854	-.141	.026	-.044	-.223	180	945	-.265	.137	.145	-1.218
180	805	-.185	.023	-.120	-.287	180	855	-.155	.030	-.039	-.301	180	946	-.248	.081	.019	-.699
180	806	-.186	.041	-.042	-.374	180	856	-.161	.033	-.039	-.299	180	947	-.457	.141	-.018	-1.122
180	807	-.179	.038	-.048	-.333	180	857	-.211	.052	.003	-.495	180	948	-.602	.179	-.111	-1.475
180	808	-.185	.035	-.081	-.328	180	858	-.162	.032	-.061	-.269	180	949	-.705	.218	-.123	-1.639
180	809	-.188	.027	-.093	-.295	180	859	-.121	.021	-.029	-.192	180	950	-.598	.207	.010	-1.531
180	810	-.196	.031	-.086	-.333	180	901	-.199	.032	-.094	-.366	180	951	-.441	.194	.295	-1.382
180	811	-.196	.028	-.102	-.305	180	902	-.203	.035	-.092	-.362	180	952	-.486	.186	.208	-1.422
180	812	-.180	.025	-.102	-.310	180	903	-.205	.036	-.084	-.367	180	953	-.306	.162	.299	-.999
180	813	-.182	.030	-.079	-.300	180	904	-.220	.040	-.022	-.390	180	954	-.271	.162	.289	-.945

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	955	-.430	.175	.224	-1.114	190	119	-.313	.051	-.170	-.492	190	169	-.179	.032	-.084	-.326
180	956	-.525	.186	.049	-1.311	190	120	-.294	.041	-.165	-.490	190	170	-.186	.028	-.080	-.282
180	957	-.794	.289	-.129	-2.003	190	121	-.276	.035	-.168	-.461	190	201	-.535	.125	-.048	-1.176
180	958	-.116	.033	.029	-.366	190	122	-.268	.036	-.151	-.461	190	202	-.476	.184	-.077	-1.427
180	959	-.125	.037	-.013	-.342	190	123	-.266	.036	-.147	-.404	190	203	-.486	.138	-.074	-1.043
180	960	-.106	.037	.119	-.222	190	124	-.374	.081	-.165	-.803	190	204	-.503	.143	.006	-1.412
180	961	-.114	.033	.156	-.233	190	125	-.340	.060	-.193	-.698	190	205	-.447	.176	-.074	-1.285
180	962	-.132	.026	.010	-.289	190	126	-.310	.042	-.192	-.524	190	206	-.576	.251	.054	-1.883
180	963	-.072	.032	.149	-.171	190	127	-.286	.039	-.156	-.442	190	207	-.459	.191	-.094	-2.122
180	964	-.092	.031	.312	-.245	190	128	-.274	.039	-.164	-.509	190	208	-.441	.152	-.072	-1.137
180	965	-.122	.023	-.036	-.213	190	129	-.269	.039	-.153	-.548	190	209	-.437	.143	-.071	-1.385
180	966	-.118	.027	-.017	-.213	190	130	-.367	.080	-.201	-1.015	190	210	-.411	.136	-.001	-1.204
180	967	-.125	.027	-.018	-.236	190	131	-.352	.072	-.190	-.826	190	211	-.368	.129	.011	-.933
180	968	-.109	.026	.031	-.224	190	132	-.298	.047	-.150	-.518	190	212	-.368	.152	-.043	-1.198
180	969	-.162	.027	-.071	-.264	190	133	-.260	.036	-.151	-.413	190	213	-.350	.158	-.026	-1.447
180	970	-.111	.026	-.006	-.347	190	134	-.245	.042	-.129	-.580	190	214	-.527	.209	.015	-1.910
180	971	-.127	.026	-.001	-.231	190	135	-.240	.040	-.131	-.521	190	215	-.421	.145	-.091	-1.554
180	972	-.119	.025	.045	-.206	190	136	-.296	.089	-.093	-.933	190	216	-.426	.136	-.091	-1.459
180	973	-.133	.024	-.020	-.217	190	137	-.261	.061	-.110	-.593	190	217	-.438	.146	-.062	-1.380
180	974	-.109	.026	.029	-.208	190	138	-.243	.041	-.093	-.397	190	218	-.392	.126	.036	-.972
180	975	-.115	.024	-.022	-.215	190	139	-.244	.045	-.095	-.537	190	219	-.361	.117	.063	-.820
180	976	-.135	.035	-.003	-.268	190	140	-.257	.076	-.120	-1.172	190	220	-.387	.150	-.026	-1.027
180	977	-.129	.025	-.045	-.238	190	141	-.247	.075	-.110	-.815	190	221	-.389	.152	-.026	-1.033
180	978	-.139	.034	-.015	-.308	190	142	-.245	.054	-.071	-.568	190	222	-.470	.184	-.067	-1.742
180	979	-.280	.060	-.103	-.564	190	143	-.244	.052	-.066	-.508	190	223	-.412	.121	-.151	-1.418
180	980	-.185	.027	-.105	-.305	190	144	-.238	.046	-.057	-.477	190	224	-.421	.124	-.021	-1.479
180	981	-.206	.037	-.082	-.391	190	145	-.234	.047	-.069	-.503	190	225	-.436	.137	-.047	-1.338
180	982	-.174	.026	-.084	-.303	190	146	-.234	.044	-.098	-.438	190	226	-.406	.114	-.050	-1.192
180	983	-.297	.079	-.046	-.655	190	147	-.238	.052	-.109	-.484	190	227	-.394	.105	-.099	-.906
180	984	-.183	.025	-.099	-.280	190	148	-.203	.041	-.051	-.372	190	228	-.406	.124	-.024	-1.017
180	985	-.194	.027	-.090	-.359	190	149	-.199	.042	-.022	-.471	190	229	-.412	.141	-.107	-1.074
180	986	-.165	.023	-.069	-.259	190	150	-.160	.033	-.029	-.273	190	230	-.457	.155	.016	-1.447
180	101	-.415	.123	-.018	-.959	190	151	-.267	.078	-.077	-.620	190	231	-.435	.131	-.095	-1.295
190	102	-.435	.160	-.127	-1.229	190	152	-.183	.030	-.082	-.292	190	232	-.458	.150	-.074	-1.667
190	103	-.422	.144	-.142	-1.140	190	153	-.168	.028	-.080	-.299	190	233	-.456	.147	-.062	-1.246
190	104	-.359	.084	-.091	-.763	190	154	-.181	.034	-.055	-.302	190	234	-.434	.118	-.099	-1.003
190	105	-.417	.147	-.139	-1.154	190	155	-.185	.036	-.065	-.357	190	235	-.408	.113	-.113	-.934
190	106	-.314	.099	-.083	-.749	190	156	-.177	.032	-.072	-.297	190	236	-.398	.107	-.145	-.826
190	107	-.280	.066	-.089	-.554	190	157	-.292	.076	-.046	-.582	190	237	-.400	.107	-.127	-1.097
190	108	-.263	.054	-.108	-.534	190	158	-.239	.039	-.135	-.430	190	238	-.467	.162	-.041	-1.256
190	109	-.238	.040	-.117	-.424	190	159	-.243	.042	-.111	-.442	190	239	-.459	.155	-.102	-1.359
190	110	-.218	.035	-.105	-.368	190	160	-.187	.027	-.106	-.292	190	240	-.477	.159	-.144	-1.271
190	111	-.226	.037	-.091	-.381	190	161	-.179	.026	-.082	-.275	190	241	-.469	.141	-.111	-1.037
190	112	-.332	.096	-.091	-.736	190	162	-.184	.034	-.065	-.328	190	242	-.413	.127	-.016	-.982
190	113	-.278	.053	-.120	-.486	190	163	-.221	.031	-.125	-.355	190	243	-.360	.097	-.087	-.789
190	114	-.261	.044	-.127	-.438	190	164	-.193	.032	-.082	-.335	190	244	-.365	.083	-.073	-.768
190	115	-.242	.034	-.134	-.402	190	165	-.208	.043	-.051	-.379	190	245	-.356	.083	-.107	-.783
190	116	-.249	.037	-.125	-.384	190	166	-.200	.042	-.046	-.410	190	246	-.531	.190	-.165	-1.634
190	117	-.235	.035	-.116	-.357	190	167	-.190	.036	-.072	-.316	190	247	-.493	.177	-.146	-1.425
190	118	-.355	.089	-.099	-.848	190	168	-.137	.030	-.051	-.280	190	248	-.485	.193	.030	-1.845

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	249	-.348	.118	-.056	-.977
190	250	-.235	.059	-.019	-.554
190	251	-.226	.046	-.051	-.469
190	252	-.261	.064	-.099	-.694
190	253	-.297	.089	-.080	-.742
190	254	-.332	.073	-.118	-.771
190	255	-.331	.070	-.136	-.680
190	256	-.293	.060	-.121	-.682
190	257	-.250	.042	-.082	-.418
190	258	-.224	.037	-.099	-.413
190	259	-.212	.032	-.106	-.326
190	260	-.216	.035	-.106	-.355
190	261	-.246	.049	-.095	-.517
190	262	-.170	.025	-.080	-.274
190	263	-.158	.025	-.076	-.257
190	264	-.152	.027	-.063	-.236
190	265	-.202	.048	-.105	-.485
190	266	-.104	.025	.024	-.190
190	267	-.111	.023	-.034	-.253
190	268	-.205	.061	-.044	-.575
190	269	-.167	.025	-.085	-.277
190	270	-.077	.029	.070	-.156
190	271	-.113	.024	.046	-.182
190	272	-.174	.024	-.085	-.257
190	273	-.156	.023	-.056	-.241
190	274	-.173	.023	-.102	-.250
190	275	-.135	.028	-.022	-.231
190	276	-.159	.022	-.068	-.231
190	277	-.219	.052	-.073	-.505
190	301	.245	.240	.894	-.646
190	302	-.053	.200	.755	-.888
190	303	-.020	.236	.698	-.842
190	304	.002	.259	.838	-.990
190	305	.311	.127	.248	-.811
190	306	.106	.207	.715	-.577
190	307	.002	.184	.683	-.754
190	308	-.020	.172	.619	-.628
190	309	-.053	.142	.574	-.471
190	310	-.111	.139	.501	-.637
190	311	-.259	.135	.315	-.805
190	312	.222	.215	.822	-.499
190	313	.300	.194	.878	-.201
190	314	.244	.165	.867	-.220
190	315	.164	.138	.687	-.229
190	316	.040	.116	.597	-.291
190	317	-.240	.137	.324	-.831
190	318	.201	.203	1.111	-.553
190	319	.287	.179	.878	-.252
190	320	.223	.144	.773	-.158
190	321	.107	.110	.558	-.182
190	322	-.013	.090	.358	-.283
190	323	-.358	.139	.302	-.996
190	324	.137	.155	.701	-.443
190	325	.208	.154	.790	-.182
190	326	.196	.117	.600	-.178
190	327	.010	.075	.301	-.263
190	328	-.111	.054	.153	-.296
190	329	-.370	.123	.223	-1.061
190	330	.030	.110	.442	-.333
190	331	.084	.120	.591	-.210
190	332	.014	.089	.395	-.224
190	333	-.062	.053	.201	-.246
190	334	-.148	.045	.032	-.313
190	335	-.365	.091	.004	-.728
190	336	-.031	.075	.304	-.318
190	337	-.006	.070	.369	-.225
190	338	-.020	.064	.328	-.309
190	339	.038	.266	.259	-.576
190	340	-.161	.051	.068	-.413
190	341	-.392	.119	-.044	-.993
190	342	-.090	.054	.159	-.287
190	343	-.051	.052	.216	-.235
190	344	-.071	.041	.090	-.237
190	345	-.091	.034	.216	-.242
190	346	-.141	.030	.018	-.280
190	347	-.282	.061	-.051	-.635
190	348	-.047	.039	.179	-.182
190	349	-.040	.045	.213	-.146
190	401	-.314	.083	-.107	-.735
190	402	-.491	.247	.384	-1.234
190	403	-.208	.094	.162	-.884
190	404	-.307	.082	-.082	-.707
190	405	-.243	.277	.545	-1.294
190	406	-.223	.042	-.066	-.386
190	407	-.245	.042	-.113	-.425
190	408	-.199	.041	-.078	-.412
190	409	-.190	.051	.028	-.406
190	410	-.184	.067	.004	-.607
190	411	-.197	.090	.053	-.766
190	412	-.302	.159	-.006	-1.491
190	413	-.249	.208	.524	-1.246
190	414	-.232	.038	-.115	-.406
190	415	-.232	.034	-.117	-.460
190	416	-.187	.036	-.072	-.333
190	417	-.155	.051	.066	-.360
190	418	-.143	.071	.067	-.573
190	419	-.177	.138	.123	-.972
190	420	-.445	.173	.167	1.315
190	421	-.313	.260	.522	1.282
190	422	-.263	.039	-.138	-.412
190	423	-.281	.038	-.145	-.437
190	424	-.202	.034	-.091	-.339
190	425	-.158	.047	.034	-.349
190	426	-.136	.066	.115	-.540
190	427	-.158	.114	.147	-.977
190	428	-.429	.190	.225	-1.368
190	429	-.312	.271	.375	-1.612
190	430	-.266	.043	-.150	-.449
190	431	-.273	.041	-.141	-.528
190	432	-.200	.034	-.053	-.337
190	433	-.161	.041	.002	-.382
190	434	-.142	.051	.101	-.384
190	435	-.151	.077	.135	-.517
190	436	-.376	.178	.187	-1.198
190	437	-.272	.214	.381	-1.152
190	438	-.238	.048	-.078	-.645
190	439	-.242	.044	-.099	-.575
190	440	-.186	.035	-.012	-.328
190	441	-.164	.029	-.039	-.269
190	442	-.152	.042	.055	-.342
190	443	-.164	.058	.132	-.574
190	444	-.331	.150	.177	-1.056
190	445	-.295	.184	.366	-1.136
190	446	-.237	.066	-.091	-.754
190	447	-.253	.057	-.127	-.599
190	448	-.194	.034	-.075	-.349
190	449	-.163	.029	-.032	-.287
190	450	-.154	.031	-.023	-.310
190	451	-.165	.039	.032	-.404
190	452	-.008	.266	.080	-.642
190	453	-.260	.114	.047	-.883
190	454	-.275	.063	-.112	-.591
190	455	-.246	.052	-.102	-.571
190	456	-.157	.040	.150	-.275
190	457	-.145	.027	-.042	-.279
190	458	-.139	.027	.131	-.260
190	459	-.138	.029	.054	-.275
190	460	-.177	.043	.011	-.402
190	461	-.132	.056	.080	-.353
190	462	-.113	.029	.002	-.236
190	463	-.130	.030	.014	-.257
190	464	-.146	.051	.043	-.415
190	465	-.172	.028	-.080	-.294
190	466	-.158	.028	-.054	-.321
190	467	-.146	.024	-.039	-.258
190	468	-.118	.027	-.005	-.223
190	469	-.116	.019	-.041	-.173
190	470	-.128	.022	-.023	-.235
190	471	-.107	.037	.130	-.326
190	472	-.092	.037	.116	-.417

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	473	-.163	.027	-.068	-.269	190	836	.025	.255	-.013	-.530	190	927	-.425	.137	.053	-1.013
190	474	-.160	.026	-.073	-.289	190	837	-.029	.046	.267	-.126	190	928	-.210	.086	.061	-.757
190	475	-.156	.025	-.052	-.280	190	838	-.126	.038	.020	-.301	190	929	-.599	.141	-.178	-1.296
190	476	-.132	.025	-.023	-.228	190	839	-.126	.028	.014	-.212	190	930	-.490	.150	-.082	-1.159
190	477	-.115	.023	-.011	-.196	190	840	-.133	.030	-.021	-.299	190	931	-.339	.134	.022	-1.201
190	478	-.121	.021	-.014	-.201	190	841	-.310	.062	-.081	-.585	190	932	-.311	.107	-.001	-1.098
190	479	-.095	.027	.066	-.189	190	842	-.185	.039	.024	-.355	190	933	-.479	.136	-.110	-1.050
190	480	-.186	.035	-.075	-.317	190	843	-.133	.026	-.006	-.240	190	934	-.477	.169	.055	-1.343
190	481	-.167	.023	-.075	-.253	190	844	-.100	.032	.067	-.215	190	935	-.312	.182	.254	-.892
190	482	-.174	.025	-.073	-.262	190	845	-.091	.037	.100	-.240	190	936	-.143	.184	.598	-.809
190	483	-.115	.024	-.016	-.191	190	846	-.136	.032	-.024	-.315	190	937	-.441	.124	-.073	-.957
190	484	-.121	.021	-.034	-.185	190	847	-.151	.033	-.044	-.346	190	938	-.346	.153	.009	-1.206
190	485	-.119	.020	-.014	-.180	190	848	-.142	.032	-.026	-.330	190	939	-.367	.147	.038	-1.417
190	486	-.104	.023	.039	-.196	190	849	-.326	.071	-.121	-.676	190	940	-.488	.149	-.087	-1.164
190	487	-.091	.028	.064	-.178	190	850	-.191	.033	-.078	-.348	190	941	-.464	.171	-.048	-1.364
190	801	-.228	.048	-.097	-.440	190	851	-.008	.241	.003	-.517	190	942	-.536	.123	-.161	-1.155
190	802	-.251	.049	-.112	-.459	190	852	-.094	.021	.015	-.159	190	943	-.545	.169	-.108	-1.576
190	803	-.254	.054	-.094	-.601	190	853	-.092	.026	.026	-.184	190	944	-.556	.227	-.073	-2.204
190	804	-.233	.046	-.090	-.448	190	854	-.141	.033	-.001	-.326	190	945	-.371	.179	.134	-1.260
190	805	-.238	.035	-.140	-.355	190	855	-.151	.037	.027	-.312	190	946	-.307	.090	-.038	-.794
190	806	-.249	.055	-.117	-.494	190	856	-.171	.041	-.001	-.382	190	947	-.410	.131	.043	-1.138
190	807	-.263	.058	-.091	-.502	190	857	-.233	.045	-.089	-.435	190	948	-.511	.165	-.087	-1.307
190	808	-.251	.057	-.108	-.490	190	858	-.190	.032	-.096	-.351	190	949	-.538	.205	-.079	-1.545
190	809	-.212	.037	-.060	-.448	190	859	-.121	.021	-.036	-.193	190	950	-.501	.200	.259	-1.585
190	810	-.191	.050	.073	-.376	190	901	-.221	.041	-.099	-.423	190	951	-.550	.215	.098	-2.163
190	811	-.218	.043	-.083	-.410	190	902	-.219	.041	-.084	-.396	190	952	-.652	.280	.201	-2.050
190	812	-.215	.042	-.099	-.494	190	903	-.220	.041	-.068	-.364	190	953	-.411	.191	.286	-1.434
190	813	-.218	.036	-.085	-.359	190	904	-.252	.052	-.093	-.498	190	954	-.324	.148	.237	-1.000
190	814	-.218	.049	-.046	-.396	190	905	-.301	.095	-.048	-.969	190	955	-.417	.150	.151	-1.113
190	815	-.234	.041	-.096	-.428	190	906	-.317	.108	-.061	-.935	190	956	-.489	.176	.056	-1.372
190	816	-.237	.039	-.103	-.396	190	907	-.319	.114	-.005	-.899	190	957	-.493	.198	-.114	-1.643
190	817	-.195	.040	-.042	-.394	190	908	-.363	.166	-.008	-1.304	190	958	-.103	.028	.050	-.197
190	818	-.174	.032	-.007	-.289	190	909	-.268	.055	-.093	-.456	190	959	-.118	.034	-.010	-.281
190	819	-.173	.032	-.076	-.329	190	910	-.247	.049	-.078	-.430	190	960	-.109	.037	.094	-.276
190	820	-.201	.039	-.065	-.396	190	911	-.265	.053	-.118	-.498	190	961	-.122	.037	.020	-.309
190	821	-.165	.032	-.037	-.271	190	912	-.333	.067	-.168	-.612	190	962	-.127	.025	-.045	-.267
190	822	-.157	.030	-.009	-.251	190	913	-.336	.112	-.002	-.792	190	963	-.055	.039	.136	-.163
190	823	-.167	.028	.052	-.272	190	914	-.345	.128	.092	-.978	190	964	-.083	.038	.131	-.274
190	824	-.215	.046	-.060	-.445	190	915	-.351	.128	-.079	-1.070	190	965	-.117	.026	-.031	-.274
190	825	-.173	.034	-.046	-.317	190	916	-.324	.117	-.030	-1.031	190	966	-.107	.033	.045	-.218
190	826	-.129	.029	-.014	-.276	190	917	-.314	.088	-.086	-.681	190	967	-.120	.033	.029	-.239
190	827	-.117	.041	.125	-.226	190	918	-.299	.067	-.078	-.548	190	968	-.100	.029	.062	-.246
190	828	-.151	.032	-.005	-.271	190	919	-.362	.132	-.016	-1.207	190	969	-.185	.034	-.080	-.311
190	829	-.111	.030	.039	-.208	190	920	-.392	.147	-.005	1.858	190	970	-.101	.028	.066	-.232
190	830	-.249	.052	-.074	-.505	190	921	-.333	.089	-.102	-.716	190	971	-.119	.027	.119	-.283
190	831	-.197	.037	-.051	-.333	190	922	-.415	.131	-.139	-.919	190	972	-.112	.025	.041	-.274
190	832	-.129	.028	-.005	-.242	190	923	-.405	.130	-.062	-.979	190	973	-.128	.031	.069	-.237
190	833	-.131	.027	-.014	-.217	190	924	-.332	.107	-.056	-.758	190	974	-.096	.032	.152	-.225
190	834	-.298	.059	-.111	-.544	190	925	-.322	.080	-.049	-.670	190	975	-.107	.026	.027	-.239
190	835	-.198	.044	-.051	-.422	190	926	-.426	.144	-.030	-1.242	190	976	-.120	.031	.050	-.297

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	977	-.119	.025	-.029	-.248	200	141	-.332	.110	-.096	-1.529	200	221	-.469	.122	-.160	-1.126
190	978	-.124	.032	.006	-.315	200	142	-.340	.097	-.053	-.809	200	222	-.480	.076	-.224	-1.229
190	979	-.276	.055	-.112	-.514	200	143	-.348	.092	-.128	-.729	200	223	-.428	.064	-.224	-.716
190	980	-.209	.030	-.107	-.329	200	144	-.344	.093	-.154	-.804	200	224	-.437	.068	-.185	-.760
190	981	-.234	.040	-.119	-.409	200	145	-.324	.073	-.087	-.855	200	225	-.451	.079	-.096	-.823
190	982	-.200	.030	-.117	-.356	200	146	-.346	.078	-.108	-.691	200	226	-.456	.079	-.211	-.836
190	983	-.306	.064	-.097	-.570	200	147	-.361	.089	-.128	-.818	200	227	-.461	.088	-.109	-.813
190	984	-.198	.028	-.111	-.294	200	148	-.273	.081	-.116	-.753	200	228	-.491	.102	-.211	-1.012
190	985	-.203	.032	-.088	-.387	200	149	-.266	.064	-.072	-.641	200	229	-.490	.118	-.189	-1.193
190	986	-.182	.027	-.100	-.315	200	150	-.223	.053	-.060	-.466	200	230	-.515	.098	-.209	-.988
200	101	-.477	.113	-.133	-1.400	200	151	-.337	.103	-.053	-.864	200	231	-.466	.094	-.169	-1.278
200	102	-.493	.125	-.163	-1.108	200	152	-.206	.039	-.065	-.361	200	232	-.478	.094	-.168	-1.137
200	103	-.461	.110	-.203	-1.043	200	153	-.191	.036	-.067	-.347	200	233	-.496	.098	-.227	-1.000
200	104	-.431	.082	-.199	-.818	200	154	-.232	.050	-.062	-.473	200	234	-.496	.096	-.193	-1.149
200	105	-.474	.110	-.188	-1.058	200	155	-.236	.049	-.092	-.456	200	235	-.491	.098	-.159	-1.065
200	106	-.384	.086	-.128	-.843	200	156	-.221	.051	-.089	-.510	200	236	-.496	.103	-.200	-1.003
200	107	-.351	.060	-.148	-.658	200	157	-.392	.103	-.118	-.981	200	237	-.490	.101	-.234	-.956
200	108	-.349	.059	-.140	-.566	200	158	-.311	.058	-.155	-.587	200	238	-.560	.124	-.246	-1.220
200	109	-.315	.045	-.148	-.469	200	159	-.323	.059	-.155	-.616	200	239	-.518	.129	-.141	-1.107
200	110	-.294	.044	-.137	-.500	200	160	-.208	.032	-.077	-.352	200	240	-.543	.141	-.054	-1.370
200	111	-.306	.040	-.177	-.462	200	161	-.196	.030	-.104	-.308	200	241	-.565	.120	-.178	-1.137
200	112	-.404	.077	-.180	-.749	200	162	-.242	.047	-.079	-.497	200	242	-.546	.130	-.085	-1.096
200	113	-.349	.048	-.200	-.545	200	163	-.282	.052	-.130	-.490	200	243	-.491	.106	-.143	-.897
200	114	-.327	.041	-.183	-.497	200	164	-.230	.045	-.121	-.449	200	244	-.471	.092	-.196	-.867
200	115	-.313	.037	-.196	-.462	200	165	-.283	.078	-.067	-.740	200	245	-.484	.102	-.104	-.901
200	116	-.308	.035	-.179	-.439	200	166	-.265	.064	-.053	-.527	200	246	-.682	.200	-.199	-1.826
200	117	-.309	.037	-.176	-.451	200	167	-.260	.059	-.089	-.592	200	247	-.670	.198	-.188	-1.582
200	118	-.430	.071	-.236	-.803	200	168	-.188	.047	-.060	-.398	200	248	-.701	.222	-.084	-1.988
200	119	-.379	.048	-.254	-.617	200	169	-.237	.049	-.082	-.476	200	249	-.546	.144	-.052	-1.200
200	120	-.356	.039	-.209	-.580	200	170	-.231	.034	-.113	-.371	200	250	-.346	.103	-.062	-.723
200	121	-.344	.036	-.229	-.497	200	201	-.572	.113	-.251	-1.058	200	251	-.307	.075	-.013	-.643
200	122	-.336	.037	-.229	-.472	200	202	-.542	.164	-.153	-1.721	200	252	-.372	.091	-.125	-.902
200	123	-.331	.038	-.209	-.479	200	203	-.557	.136	-.163	-1.124	200	253	-.424	.135	-.127	-1.316
200	124	-.454	.082	-.214	-.920	200	204	-.556	.122	-.193	-.997	200	254	-.415	.102	-.175	-.897
200	125	-.420	.059	-.226	-.672	200	205	-.496	.150	-.182	-1.294	200	255	-.403	.100	-.169	-.929
200	126	-.383	.044	-.256	-.577	200	206	-.483	.098	-.204	-1.171	200	256	-.351	.079	-.112	-.754
200	127	-.361	.044	-.240	-.606	200	207	-.407	.083	-.180	-1.127	200	257	-.283	.066	-.115	-.611
200	128	-.344	.045	-.213	-.631	200	208	-.408	.075	-.164	-.978	200	258	-.245	.051	-.100	-.556
200	129	-.344	.046	-.208	-.577	200	209	-.442	.101	-.160	-1.030	200	259	-.237	.049	-.059	-.493
200	130	-.463	.081	-.196	-.926	200	210	-.456	.113	-.028	-1.222	200	260	-.273	.064	-.086	-.546
200	131	-.439	.079	-.191	-.823	200	211	-.449	.109	-.027	-1.056	200	261	-.327	.092	-.115	-.883
200	132	-.391	.053	-.173	-.620	200	212	-.451	.131	-.077	-1.101	200	262	-.192	.030	-.085	-.385
200	133	-.358	.052	-.231	-.577	200	213	-.497	.170	-.055	-1.326	200	263	-.177	.034	-.016	-.287
200	134	-.332	.057	-.179	-.706	200	214	-.447	.079	-.212	-1.038	200	264	-.173	.036	-.024	-.361
200	135	-.322	.053	-.141	-.584	200	215	-.402	.063	-.182	-.897	200	265	-.272	.088	-.058	-.754
200	136	-.435	.136	-.070	-1.304	200	216	-.407	.065	-.193	-.817	200	266	-.125	.031	.003	-.224
200	137	-.378	.092	-.128	-.940	200	217	-.430	.085	-.099	-1.017	200	267	-.118	.036	.015	-.429
200	138	-.348	.072	-.089	-.722	200	218	-.433	.084	-.116	-.985	200	268	-.279	.092	-.068	-.871
200	139	-.342	.075	-.178	-.770	200	219	-.445	.085	-.108	-.877	200	269	-.191	.029	-.087	-.295
200	140	-.353	.118	-.145	-1.440	200	220	-.467	.115	-.100	-.996	200	270	-.091	.030	.028	-.192

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	271	-.119	.027	-.087	-.214	200	344	-.047	.055	.264	-.204	200	445	-.250	.245	.630	-1.272
200	272	-.206	.032	-.092	-.326	200	345	-.081	.046	.128	-.229	200	446	-.320	.100	-.116	-1.331
200	273	-.176	.030	-.055	-.280	200	346	-.159	.038	.008	-.325	200	447	-.372	.107	-.133	-.987
200	274	-.196	.027	-.092	-.302	200	347	-.383	.077	-.118	-.733	200	448	-.252	.049	-.098	-.450
200	275	-.155	.032	-.036	-.292	200	348	-.015	.049	.228	-.131	200	449	-.185	.034	-.046	-.320
200	276	-.184	.029	-.080	-.326	200	349	.001	.056	.372	-.119	200	450	-.164	.034	-.019	-.313
200	277	-.310	.117	-.114	-.888	200	401	-.366	.075	-.140	-.675	200	451	-.171	.049	.033	-.547
200	301	.429	.169	.995	-.349	200	402	-.489	.283	.289	-1.344	200	452	-.300	.115	.080	-.772
200	302	-.027	.184	.592	-.925	200	403	-.167	.075	.081	-.501	200	453	-.272	.153	.229	-.947
200	303	.022	.228	.620	-.753	200	404	-.369	.077	-.162	-.710	200	454	-.405	.105	-.152	-.901
200	304	.185	.267	.995	-.695	200	405	-.073	.234	.577	-1.387	200	455	-.353	.074	-.161	-.752
200	305	-.405	.110	.059	-.918	200	406	-.294	.042	-.158	-.483	200	456	-.197	.030	-.083	-.327
200	306	.212	.144	.602	-.628	200	407	-.317	.043	-.178	-.499	200	457	-.149	.028	-.001	-.261
200	307	.053	.140	.499	-1.167	200	408	-.222	.043	-.034	-.366	200	458	-.141	.028	-.014	-.248
200	308	.025	.124	.581	-.478	200	409	-.186	.052	.010	-.375	200	459	-.139	.031	-.031	-.263
200	309	-.014	.116	.483	-.457	200	410	-.152	.062	.099	-.355	200	460	-.195	.051	.001	-.461
200	310	-.104	.101	.321	-.470	200	411	-.138	.074	.114	-.583	200	461	-.152	.063	.103	-.454
200	311	-.282	.073	.012	-.626	200	412	-.444	.164	.179	-1.111	200	462	-.107	.032	.108	-.214
200	312	.398	.163	.851	-.193	200	413	-.046	.213	.508	-.990	200	463	-.124	.035	.054	-.239
200	313	.480	.153	.931	.012	200	414	-.303	.039	-.184	-.491	200	464	-.145	.065	.103	-.451
200	314	.413	.144	.879	-.072	200	415	-.296	.036	-.174	-.449	200	465	-.213	.037	-.094	-.390
200	315	.292	.121	.735	-.090	200	416	-.192	.041	-.020	-.329	200	466	-.174	.035	-.033	-.417
200	316	.134	.103	.584	-.166	200	417	-.124	.057	.090	-.303	200	467	-.153	.029	-.011	-.280
200	317	-.220	.069	.088	-.551	200	418	-.077	.079	.167	-.350	200	468	-.123	.034	.000	-.321
200	318	.345	.160	.843	-.184	200	419	-.073	.132	.277	-.886	200	469	-.117	.022	.002	-.193
200	319	.426	.142	.977	.002	200	420	-.335	.219	.472	-1.291	200	470	-.134	.025	-.025	-.234
200	320	.368	.135	.822	.006	200	421	-.161	.298	.636	-1.070	200	471	-.117	.043	.074	-.333
200	321	.221	.108	.618	-.111	200	422	-.332	.042	-.189	-.494	200	472	-.094	.047	.273	-.326
200	322	.040	.085	.420	-.213	200	423	-.370	.040	-.236	-.522	200	473	-.195	.032	-.085	-.363
200	323	-.395	.066	-.140	-.638	200	424	-.221	.040	-.028	-.336	200	474	-.180	.025	-.101	-.268
200	324	.244	.137	.709	-.209	200	425	-.141	.055	.110	-.308	200	475	-.162	.028	-.057	-.317
200	325	.305	.131	.722	-.093	200	426	-.088	.073	.210	-.307	200	476	-.135	.028	-.018	-.262
200	326	.241	.115	.622	-.091	200	427	-.093	.143	.313	-.889	200	477	-.114	.026	-.016	-.202
200	327	.078	.077	.431	-.143	200	428	-.340	.238	.404	-1.222	200	478	-.119	.025	.012	-.236
200	328	-.106	.052	.143	-.305	200	429	-.212	.322	.731	-1.378	200	479	-.094	.034	.108	-.172
200	329	-.428	.070	-.190	-.712	200	430	-.335	.055	-.177	-.654	200	480	-.249	.054	-.085	-.537
200	330	.089	.110	.520	-.269	200	431	-.365	.049	-.221	-.615	200	481	-.194	.027	-.078	-.333
200	331	.155	.111	.636	-.127	200	432	-.231	.043	-.003	-.373	200	482	-.190	.030	-.080	-.305
200	332	.113	.103	.499	-.171	200	433	-.162	.052	.093	-.307	200	483	-.113	.026	.122	-.204
200	333	-.017	.067	.242	-.214	200	434	-.122	.064	.184	-.302	200	484	-.120	.023	-.014	-.211
200	334	-.174	.049	.085	-.329	200	435	-.108	.113	.370	-.723	200	485	-.121	.021	-.034	-.193
200	335	-.479	.076	-.288	-.798	200	436	-.373	.237	.498	-1.217	200	486	-.102	.029	.041	-.273
200	336	-.011	.081	.342	-.322	200	437	-.256	.290	.734	-1.547	200	487	-.088	.033	.101	-.174
200	337	.055	.086	.527	-.197	200	438	-.318	.061	-.109	-.889	200	801	-.308	.090	-.105	-.882
200	338	.013	.074	.397	-.214	200	439	-.339	.059	-.096	-.584	200	802	-.328	.089	-.117	-.908
200	339	-.069	.060	.259	-.265	200	440	-.234	.038	-.076	-.378	200	803	-.355	.097	-.149	-.820
200	340	-.202	.063	.054	-.507	200	441	-.186	.034	-.020	-.294	200	804	-.346	.088	-.142	-.762
200	341	-.551	.139	-.142	-1.240	200	442	-.161	.046	.060	-.359	200	805	-.334	.058	-.209	-.586
200	342	-.092	.064	.202	-.352	200	443	-.160	.087	.173	-.782	200	806	-.363	.089	-.140	-.733
200	343	-.050	.060	.246	-.256	200	444	-.351	.187	.356	-1.279	200	807	-.365	.086	-.133	-.763

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	808	-.391	.089	-.131	-.783	200	858	-.239	.045	-.106	-.507	200	949	-.474	.105	-.178	-1.176
200	809	-.264	.068	-.077	-.647	200	859	-.119	.025	.055	-.209	200	950	-.500	.174	.096	-1.249
200	810	-.243	.059	.016	-.480	200	901	-.295	.046	-.140	-.469	200	951	-.604	.192	-.006	-1.418
200	811	-.300	.084	-.069	-.932	200	902	-.301	.048	-.147	-.458	200	952	-.850	.237	-.129	-1.975
200	812	-.302	.086	-.092	-.721	200	903	-.291	.048	-.148	-.446	200	953	-.506	.198	-.063	-1.518
200	813	-.312	.073	-.094	-.680	200	904	-.334	.054	-.136	-.559	200	954	-.377	.136	.115	-1.012
200	814	-.339	.076	-.067	-.698	200	905	-.409	.103	-.092	-.840	200	955	-.498	.131	-.031	-.956
200	815	-.309	.063	-.142	-.629	200	906	-.389	.099	-.063	-.877	200	956	-.548	.106	-.164	-1.500
200	816	-.312	.056	-.098	-.510	200	907	-.454	.128	-.076	-1.073	200	957	-.412	.074	-.197	-.891
200	817	-.214	.053	-.019	-.584	200	908	-.451	.143	-.027	-1.270	200	958	-.103	.041	.174	-.248
200	818	-.213	.054	-.032	-.463	200	909	-.355	.057	-.183	-.573	200	959	-.112	.033	.013	-.325
200	819	-.235	.058	-.034	-.509	200	910	-.328	.059	-.147	-.524	200	960	-.118	.050	.120	-.321
200	820	-.275	.071	-.113	-.609	200	911	-.368	.063	-.170	-.591	200	961	-.146	.047	.034	-.360
200	821	-.212	.042	-.055	-.368	200	912	-.437	.062	-.238	-.634	200	962	-.163	.033	-.027	-.386
200	822	-.173	.031	-.034	-.286	200	913	-.430	.110	-.020	-.902	200	963	-.026	.047	.209	-.167
200	823	-.191	.030	-.084	-.319	200	914	-.410	.112	.029	-.909	200	964	-.068	.052	.246	-.274
200	824	-.215	.055	-.029	-.521	200	915	-.517	.152	-.164	-1.246	200	965	-.124	.034	.059	-.281
200	825	-.183	.044	.003	-.363	200	916	-.479	.145	-.055	-1.323	200	966	-.100	.035	.064	-.199
200	826	-.132	.031	.063	-.246	200	917	-.431	.080	-.156	-.924	200	967	-.113	.038	.034	-.274
200	827	-.141	.032	.027	-.258	200	918	-.407	.061	-.211	-.607	200	968	-.088	.038	.122	-.248
200	828	-.165	.037	-.006	-.314	200	919	-.439	.124	-.037	-1.059	200	969	-.248	.049	-.073	-.482
200	829	-.111	.032	.079	-.232	200	920	-.463	.139	-.046	-1.392	200	970	-.095	.034	.141	-.244
200	830	-.272	.074	-.059	-.583	200	921	-.358	.072	-.150	-.701	200	971	-.126	.040	.085	-.258
200	831	-.212	.049	-.043	-.432	200	922	-.488	.106	-.232	-.983	200	972	-.110	.034	.073	-.220
200	832	-.132	.035	.023	-.279	200	923	-.466	.106	-.075	-.969	200	973	-.125	.036	.146	-.258
200	833	-.132	.032	.004	-.312	200	924	-.423	.097	-.140	-.840	200	974	-.082	.037	.150	-.218
200	834	-.339	.074	-.138	-.743	200	925	-.406	.076	-.196	-.705	200	975	-.104	.028	.020	-.239
200	835	-.190	.053	.010	-.449	200	926	-.477	.115	-.056	-1.100	200	976	-.122	.045	.087	-.356
200	836	-.159	.033	-.013	-.303	200	927	-.485	.122	-.076	-1.230	200	977	-.118	.028	.027	-.244
200	837	.010	.061	.378	-.133	200	928	-.171	.074	.109	-.509	200	978	-.127	.038	.052	-.332
200	838	-.136	.050	.034	-.409	200	929	-.694	.136	-.324	-1.329	200	979	-.320	.064	-.105	-.670
200	839	-.126	.036	.027	-.289	200	930	-.565	.147	-.177	-1.363	200	980	-.253	.042	-.102	-.477
200	840	-.137	.033	-.007	-.282	200	931	-.411	.118	-.040	-.888	200	981	-.282	.052	-.098	-.588
200	841	-.394	.087	-.147	-.836	200	932	-.373	.093	-.088	-.811	200	982	-.239	.040	-.112	-.454
200	842	-.195	.056	.032	-.421	200	933	-.504	.098	-.157	-.984	200	983	-.279	.063	-.110	-.604
200	843	-.140	.037	.037	-.266	200	934	-.477	.115	-.104	-1.222	200	984	-.217	.038	-.092	-.474
200	844	-.091	.044	.197	-.224	200	935	-.184	.248	.416	-1.111	200	985	-.216	.037	-.099	-.388
200	845	-.076	.050	.237	-.247	200	936	-.086	.187	.544	-.716	200	986	-.194	.029	-.103	-.307
200	846	-.139	.040	.007	-.298	200	937	-.538	.113	-.166	-.972	210	101	-.462	.092	-.191	-1.116
200	847	-.156	.041	-.014	-.364	200	938	-.415	.138	-.055	-1.082	210	102	-.482	.094	-.217	-.910
200	848	-.147	.038	-.014	-.330	200	939	-.424	.117	-.069	-1.201	210	103	-.462	.080	-.271	-.899
200	849	-.440	.113	-.145	-1.089	200	940	-.485	.099	-.203	-1.024	210	104	-.437	.077	-.229	-.942
200	850	-.215	.041	-.064	-.385	200	941	-.425	.088	-.177	-.983	210	105	-.468	.078	-.255	-1.012
200	851	-.145	.032	-.003	-.261	200	942	-.555	.117	-.177	-1.155	210	106	-.386	.066	-.149	-.772
200	852	-.085	.026	.023	-.152	200	943	-.623	.173	-.183	-1.311	210	107	-.378	.060	-.191	-.749
200	853	-.073	.034	.074	-.161	200	944	-.705	.212	-.201	-1.680	210	108	-.405	.062	-.236	-.643
200	854	-.146	.044	.034	-.335	200	945	-.428	.177	.045	-1.299	210	109	-.355	.041	-.217	-.489
200	855	-.157	.044	.004	-.362	200	946	-.341	.090	-.037	-.731	210	110	-.327	.044	-.186	-.518
200	856	-.189	.051	-.014	-.453	200	947	-.446	.111	-.106	-.962	210	111	-.334	.044	-.196	-.482
200	857	-.293	.059	-.112	-.587	200	948	-.489	.094	-.222	-1.108	210	112	-.400	.055	-.223	-.629

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	113	-.368	.044	-.229	-.566	210	163	-.327	.055	-.164	-.534	210	213	-.484	.107	-.204	-1.028
210	114	-.363	.040	-.225	-.537	210	164	-.260	.044	-.146	-.469	210	214	-.490	.108	-.195	-1.025
210	115	-.358	.041	-.249	-.493	210	165	-.280	.067	-.151	-.735	210	215	-.457	.113	-.103	-1.203
210	116	-.343	.037	-.234	-.496	210	166	-.256	.043	-.129	-.551	210	216	-.657	.199	-.208	-1.795
210	117	-.341	.039	-.210	-.472	210	167	-.250	.043	-.119	-.449	210	217	-.652	.194	-.256	-1.619
210	118	-.428	.060	-.261	-.712	210	168	-.190	.034	-.094	-.340	210	218	-.699	.234	-.182	-2.356
210	119	-.398	.046	-.236	-.619	210	169	-.230	.035	-.126	-.377	210	219	-.512	.160	.009	-1.355
210	120	-.384	.039	-.255	-.542	210	170	-.219	.031	-.126	-.352	210	250	-.335	.105	-.057	-.757
210	121	-.371	.041	-.263	-.550	210	201	-.535	.105	-.250	-1.420	210	251	-.272	.076	-.050	-.656
210	122	-.364	.042	-.226	-.557	210	202	-.580	.140	-.200	-1.180	210	252	-.300	.081	-.070	-.717
210	123	-.362	.044	-.242	-.566	210	203	-.546	.113	-.199	-1.208	210	253	-.316	.112	-.020	-1.202
210	124	-.465	.074	-.277	-.796	210	204	-.518	.100	-.294	-.952	210	254	-.406	.095	-.181	-.915
210	125	-.440	.064	-.269	-.810	210	205	-.549	.137	-.206	-1.125	210	255	-.365	.076	-.149	-.869
210	126	-.418	.054	-.282	-.696	210	206	-.401	.066	-.218	-.802	210	256	-.334	.069	-.156	-.730
210	127	-.393	.053	-.233	-.741	210	207	-.393	.063	-.153	-.633	210	257	-.279	.058	-.095	-.594
210	128	-.375	.058	-.225	-.777	210	208	-.400	.064	-.211	-.806	210	258	-.240	.043	-.082	-.460
210	129	-.364	.055	-.197	-.752	210	209	-.419	.071	-.244	-.809	210	259	-.227	.037	-.104	-.406
210	130	-.505	.097	-.233	-.929	210	210	-.428	.079	-.196	-1.003	210	260	-.237	.042	-.057	-.500
210	131	-.480	.084	-.252	-.897	210	211	-.421	.081	-.190	-1.062	210	261	-.302	.077	-.136	-.732
210	132	-.443	.076	-.252	-.836	210	212	-.429	.095	-.169	-.932	210	262	-.216	.031	-.122	-.334
210	133	-.409	.074	-.242	-.942	210	213	-.425	.099	-.162	-.885	210	263	-.200	.031	-.090	-.319
210	134	-.379	.072	-.202	-.788	210	214	-.385	.052	-.224	-.629	210	264	-.191	.031	-.087	-.299
210	135	-.360	.066	-.181	-.627	210	215	-.390	.053	-.206	-.636	210	265	-.260	.066	-.125	-.821
210	136	-.324	.113	.000	-1.306	210	216	-.397	.052	-.232	-.617	210	266	-.127	.032	-.005	-.267
210	137	-.325	.095	.032	-.710	210	217	-.403	.054	-.230	-.651	210	267	-.131	.037	-.027	-.444
210	138	-.323	.098	-.022	-.885	210	218	-.415	.063	-.094	-.834	210	268	-.335	.094	-.112	-.819
210	139	-.463	.142	-.046	-1.351	210	219	-.425	.063	-.211	-.688	210	269	-.210	.027	-.110	-.314
210	140	-.589	.248	-.165	-2.778	210	220	-.435	.080	-.250	-.818	210	270	-.101	.032	.063	-.195
210	141	-.536	.211	-.145	-1.750	210	221	-.431	.084	-.227	-.825	210	271	-.133	.026	.063	-.229
210	142	-.281	.076	-.086	-.732	210	222	-.414	.062	-.215	-.700	210	272	-.234	.030	-.120	-.349
210	143	-.279	.069	-.098	-.614	210	223	-.419	.059	-.241	-.634	210	273	-.198	.028	-.052	-.284
210	144	-.271	.064	-.116	-.614	210	224	-.425	.061	-.229	-.691	210	274	-.216	.026	-.100	-.322
210	145	-.261	.050	-.101	-.557	210	225	-.437	.064	-.233	-.748	210	275	-.177	.032	-.040	-.274
210	146	-.293	.058	-.125	-.525	210	226	-.443	.065	-.273	-.762	210	276	-.206	.028	-.115	-.322
210	147	-.323	.070	-.150	-.734	210	227	-.450	.071	-.252	-.824	210	277	-.296	.078	-.147	-.789
210	148	-.272	.060	-.139	-.613	210	228	-.463	.083	-.267	-.884	210	301	.343	.152	.863	-.191
210	149	-.256	.046	-.126	-.526	210	229	-.466	.085	-.246	-.901	210	302	-.041	.118	.430	-.653
210	150	-.213	.040	-.087	-.467	210	230	-.448	.088	-.135	-.959	210	303	.180	.155	.726	-.617
210	151	-.396	.102	-.134	-.991	210	231	-.450	.084	-.129	-.779	210	304	.391	.198	1.016	-.658
210	152	-.221	.038	-.096	-.487	210	232	-.468	.086	-.230	-.947	210	305	-.272	.090	-.006	-.653
210	153	-.210	.034	-.096	-.355	210	233	-.490	.091	-.233	-.936	210	306	.208	.141	.693	-.233
210	154	-.235	.037	-.139	-.392	210	234	-.486	.094	-.244	-.945	210	307	.053	.118	.506	-.419
210	155	-.233	.039	-.111	-.402	210	235	-.486	.087	-.239	-1.011	210	308	-.001	.105	.371	-.367
210	156	-.223	.036	-.109	-.375	210	236	-.502	.101	-.293	-.991	210	309	-.046	.095	.327	-.416
210	157	-.417	.097	-.096	-.941	210	237	-.480	.090	-.263	-1.027	210	310	-.107	.082	.203	-.383
210	158	-.361	.058	-.208	-.583	210	238	-.499	.130	-.153	-1.113	210	311	-.319	.062	-.034	-.528
210	159	-.367	.060	-.198	-.660	210	239	-.522	.134	-.189	-1.359	210	312	.408	.170	.898	-.078
210	160	-.228	.030	-.114	-.375	210	240	-.537	.136	-.066	-1.391	210	313	.417	.152	.887	-.046
210	161	-.218	.029	-.106	-.330	210	241	-.558	.119	-.215	-1.165	210	314	.324	.131	.865	-.157
210	162	-.243	.042	-.121	-.424	210	242	-.535	.124	-.198	-1.114	210	315	.224	.111	.606	-.211

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	316	.078	.090	.422	-.212	210	417	-.035	.087	.265	-.287	210	467	-.141	.026	-.051	-.278
210	317	-.212	.052	.019	-.446	210	418	.037	.101	.414	-.255	210	468	-.114	.028	-.006	-.269
210	318	.357	.175	.916	-.159	210	419	.091	.123	.523	-.320	210	469	-.118	.017	-.036	-.172
210	319	.348	.151	.844	-.080	210	420	.001	.213	.634	-.983	210	470	-.133	.024	-.058	-.301
210	320	.251	.132	.719	-.102	210	421	.229	.233	.902	-.774	210	471	-.118	.049	.111	-.346
210	321	.164	.112	.587	-.148	210	422	-.353	.047	-.196	-.640	210	472	-.082	.050	.184	-.280
210	322	-.006	.075	.283	-.222	210	423	-.362	.046	-.183	-.604	210	473	-.182	.027	-.081	-.294
210	323	-.367	.057	-.143	-.582	210	424	-.178	.057	.106	-.371	210	474	-.167	.024	-.081	-.254
210	324	.180	.152	.737	-.204	210	425	-.086	.075	.213	-.345	210	475	-.152	.025	-.065	-.252
210	325	.214	.135	.768	-.109	210	426	-.011	.092	.349	-.275	210	476	-.123	.024	-.020	-.236
210	326	.130	.110	.519	-.138	210	427	-.025	.126	.467	-.748	210	477	-.110	.025	-.018	-.217
210	327	.058	.086	.372	-.173	210	428	-.087	.213	.640	-.840	210	478	-.122	.023	.022	-.231
210	328	-.107	.055	-.162	-.277	210	429	.065	.272	.839	-1.288	210	479	-.074	.040	.114	-.163
210	329	-.382	.067	-.183	-.643	210	430	-.360	.060	-.160	-.701	210	480	-.249	.042	-.133	-.409
210	330	.041	.101	.487	-.259	210	431	-.347	.059	-.129	-.676	210	481	-.183	.025	-.095	-.280
210	331	.077	.102	.474	-.183	210	432	-.203	.049	.034	-.371	210	482	-.175	.029	-.086	-.336
210	332	.045	.086	.379	-.180	210	433	-.130	.060	.182	-.331	210	483	-.104	.023	-.013	-.186
210	333	-.037	.064	.237	-.277	210	434	-.083	.069	.276	-.294	210	484	-.118	.021	-.039	-.208
210	334	-.170	.051	.116	-.385	210	435	-.056	.099	.331	-.818	210	485	-.120	.021	-.032	-.217
210	335	-.421	.076	-.196	-.750	210	436	-.170	.177	.358	-1.014	210	486	-.196	.038	.048	-.421
210	336	-.031	.070	.338	-.314	210	437	-.070	.219	.743	-.959	210	487	-.066	.039	.116	-.156
210	337	-.001	.063	.351	-.183	210	438	-.358	.080	-.103	-1.082	210	801	-.261	.062	-.085	-.599
210	338	-.031	.058	.338	-.211	210	439	-.359	.076	-.130	-.758	210	802	-.298	.073	-.117	-.690
210	339	-.097	.049	.190	-.275	210	440	-.224	.046	-.028	-.416	210	803	-.282	.068	-.129	-.624
210	340	-.214	.050	-.023	-.468	210	441	-.170	.032	.006	-.280	210	804	-.289	.074	-.136	-.703
210	341	-.521	.124	-.203	-1.108	210	442	-.135	.047	.106	-.340	210	805	-.275	.044	-.178	-.467
210	342	-.090	.050	.269	-.285	210	443	-.129	.064	.216	-.685	210	806	-.329	.066	-.152	-.633
210	343	-.074	.045	.096	-.277	210	444	-.234	.143	.235	-.993	210	807	-.343	.065	-.188	-.650
210	344	-.073	.042	.118	-.225	210	445	-.151	.175	.613	-.979	210	808	-.361	.079	-.164	-.803
210	345	-.102	.035	.079	-.253	210	446	-.507	.194	-.034	-1.543	210	809	-.252	.056	-.057	-.571
210	346	-.165	.038	.071	-.309	210	447	-.437	.114	-.141	-.972	210	810	-.236	.046	-.075	-.433
210	347	-.349	.059	-.166	-.636	210	448	-.247	.047	-.112	-.510	210	811	-.253	.056	-.110	-.514
210	348	-.039	.048	.190	-.162	210	449	-.175	.034	-.054	-.372	210	812	-.243	.046	-.101	-.509
210	349	-.018	.052	.250	-.147	210	450	-.146	.032	-.005	-.342	210	813	-.256	.045	-.148	-.444
210	401	-.267	.055	-.060	-.461	210	451	-.142	.039	.047	-.399	210	814	-.285	.053	-.131	-.542
210	402	-.072	.251	.549	-1.010	210	452	-.208	.087	.052	-.769	210	815	-.300	.053	-.148	-.498
210	403	-.047	.088	.324	-.341	210	453	-.175	.096	.219	-.660	210	816	-.302	.049	-.169	-.489
210	404	-.286	.051	-.110	-.489	210	454	-.394	.088	-.146	-.747	210	817	-.206	.040	-.057	-.409
210	405	.096	.198	.713	-.677	210	455	-.333	.063	-.174	-.660	210	818	-.200	.036	.031	-.352
210	406	-.328	.045	-.175	-.528	210	456	-.187	.026	-.074	-.295	210	819	-.219	.045	-.089	-.418
210	407	-.325	.045	-.170	-.510	210	457	-.140	.028	-.007	-.278	210	820	-.240	.044	-.113	-.513
210	408	-.165	.060	.183	-.392	210	458	-.128	.026	.013	-.211	210	821	-.197	.033	-.084	-.373
210	409	-.102	.070	.160	-.317	210	459	-.128	.028	.013	-.249	210	822	-.171	.032	-.004	-.304
210	410	-.052	.082	.265	-.278	210	460	-.157	.037	-.005	-.377	210	823	-.181	.028	-.072	-.288
210	411	-.003	.101	.450	-.288	210	461	-.135	.050	.076	-.374	210	824	-.216	.050	-.030	-.510
210	412	-.140	.185	.510	-.727	210	462	-.111	.028	.033	-.207	210	825	-.192	.036	-.044	-.340
210	413	.165	.189	.684	-.542	210	463	-.125	.030	.030	-.254	210	826	-.127	.030	.034	-.255
210	414	-.336	.044	-.199	-.521	210	464	-.134	.059	.090	-.467	210	827	-.134	.028	.020	-.245
210	415	-.296	.042	-.156	-.464	210	465	-.197	.029	-.107	-.339	210	828	-.176	.032	-.058	-.304
210	416	-.132	.059	.143	-.326	210	466	-.157	.030	-.067	-.382	210	829	-.109	.030	.117	-.210

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	830	-.268	.063	-.080	-.628	210	921	-.334	.048	-.183	-.540	210	971	-.13	.039	.095	-.272
210	831	-.217	.042	-.063	-.399	210	922	-.496	.089	-.263	-.896	210	972	-.116	.032	.154	-.224
210	832	-.120	.029	.058	-.212	210	923	-.489	.090	-.218	-.875	210	973	-.125	.033	.109	-.217
210	833	-.123	.028	.008	-.229	210	924	-.389	.097	-.007	-.770	210	974	-.084	.032	.054	-.227
210	834	-.321	.059	-.141	-.624	210	925	-.365	.072	-.092	-.645	210	975	-.103	.027	.035	-.191
210	835	-.202	.046	-.056	-.413	210	926	-.484	.102	-.086	-1.011	210	976	-.140	.046	.035	-.338
210	836	-.164	.028	-.056	-.259	210	927	-.469	.099	-.099	-.897	210	977	-.121	.027	.023	-.246
210	837	-.023	.055	.335	-.146	210	928	-.061	.085	.248	-.379	210	978	-.145	.041	-.012	-.400
210	838	-.117	.038	.039	-.311	210	929	-.649	.119	-.335	-1.137	210	979	-.295	.051	-.146	-.501
210	839	-.118	.030	.022	-.243	210	930	-.556	.121	-.236	-1.385	210	980	-.246	.036	-.132	-.425
210	840	-.123	.028	-.008	-.283	210	931	-.382	.120	.029	-.916	210	981	-.264	.043	-.143	-.572
210	841	-.370	.074	-.157	-.766	210	932	-.331	.100	-.045	-.730	210	982	-.228	.030	-.132	-.352
210	842	-.202	.050	.060	-.400	210	933	-.507	.089	-.226	-1.006	210	983	-.290	.055	-.136	-.494
210	843	-.145	.032	.018	-.283	210	934	-.457	.108	-.159	-1.122	210	984	-.220	.030	-.103	-.375
210	844	-.103	.041	.121	-.248	210	935	.077	.157	.422	-.772	210	985	-.225	.034	-.115	-.494
210	845	-.087	.036	.095	-.223	210	936	.063	.153	.536	-.510	210	986	-.203	.026	-.115	-.309
210	846	-.122	.032	.020	-.279	210	937	-.442	.098	-.122	-.830	220	101	-.472	.097	-.147	-.970
210	847	-.139	.035	-.001	-.386	210	938	-.389	.146	.029	-1.106	220	102	-.476	.079	-.245	-.853
210	848	-.132	.031	-.017	-.325	210	939	-.382	.117	-.028	-.955	220	103	-.497	.093	-.269	-.874
210	849	-.386	.080	-.150	-.788	210	940	-.475	.084	-.229	-.823	220	104	-.451	.074	-.235	-.853
210	850	-.214	.036	-.068	-.367	210	941	-.412	.075	-.142	-.775	220	105	-.474	.073	-.265	-.785
210	851	-.149	.028	.006	-.253	210	942	-.457	.118	-.036	-.918	220	106	-.401	.065	-.197	-.722
210	852	-.097	.025	.030	-.164	210	943	-.593	.149	-.138	-1.247	220	107	-.401	.058	-.180	-.662
210	853	-.085	.028	.074	-.164	210	944	-.617	.189	-.127	-1.340	220	108	-.426	.057	-.219	-.638
210	854	-.129	.034	.009	-.260	210	945	-.412	.145	-.013	-.971	220	109	-.373	.051	-.233	-.680
210	855	-.143	.034	-.015	-.327	210	946	-.337	.071	-.061	-.589	220	110	-.367	.046	-.222	-.652
210	856	-.156	.037	-.005	-.372	210	947	-.428	.090	-.098	-.838	220	111	-.363	.045	-.223	-.568
210	857	-.325	.060	-.090	-.580	210	948	-.420	.070	-.209	-.762	220	112	-.400	.052	-.241	-.715
210	858	-.223	.038	-.123	-.411	210	949	-.395	.065	-.154	-.751	220	113	-.385	.043	-.264	-.568
210	859	-.112	.022	-.034	-.181	210	950	-.277	.177	.399	-1.054	220	114	-.388	.043	-.259	-.592
210	901	-.335	.049	-.170	-.543	210	951	-.506	.171	.115	-1.306	220	115	-.374	.041	-.256	-.547
210	902	-.335	.048	-.175	-.513	210	952	-.734	.233	-.036	-1.749	220	116	-.374	.041	-.238	-.523
210	903	-.339	.051	-.177	-.542	210	953	-.525	.170	.046	-1.186	220	117	-.368	.041	-.230	-.555
210	904	-.368	.051	-.197	-.674	210	954	-.390	.110	.045	-.756	220	118	-.431	.059	-.269	-.925
210	905	-.473	.107	-.191	-.915	210	955	-.472	.103	-.119	-.889	220	119	-.417	.050	-.290	-.743
210	906	-.427	.103	-.114	-.936	210	956	-.480	.076	-.225	-.791	220	120	-.402	.046	-.270	-.722
210	907	-.414	.093	-.133	-.892	210	957	-.397	.060	-.217	-.644	220	121	-.393	.048	-.256	-.607
210	908	-.434	.102	-.169	-1.023	210	958	-.116	.039	.138	-.269	220	122	-.389	.046	-.235	-.592
210	909	-.405	.059	-.178	-.614	210	959	-.113	.032	.069	-.315	220	123	-.378	.045	-.231	-.566
210	910	-.359	.053	-.159	-.601	210	960	-.127	.053	.212	-.303	220	124	-.508	.082	-.290	-1.078
210	911	-.389	.064	-.193	-.657	210	961	-.148	.046	.071	-.386	220	125	-.468	.074	-.283	-.837
210	912	-.471	.059	-.299	-.692	210	962	-.165	.032	-.036	-.310	220	126	-.449	.068	-.288	-1.144
210	913	-.509	.108	-.146	-.886	210	963	-.042	.047	.212	-.169	220	127	-.427	.070	-.274	-.866
210	914	-.431	.103	-.103	-.891	210	964	-.071	.047	.221	-.279	220	128	-.417	.071	-.240	-.773
210	915	-.430	.087	-.217	-.849	210	965	-.123	.034	.085	-.243	220	129	-.403	.071	-.222	-.751
210	916	-.422	.091	-.138	-.843	210	966	-.100	.032	.057	-.203	220	130	-.551	.114	-.049	-1.265
210	917	-.438	.082	-.103	-.748	210	967	-.109	.034	.071	-.246	220	131	-.521	.094	-.264	-.951
210	918	-.408	.060	-.212	-.637	210	968	-.097	.033	.090	-.198	220	132	-.504	.102	-.251	-1.010
210	919	-.436	.095	-.003	-.939	210	969	-.245	.040	-.136	-.396	220	133	-.485	.107	-.262	-1.128
210	920	-.444	.100	-.095	-1.306	210	970	-.100	.030	.081	-.196	220	134	-.458	.108	-.221	-1.066

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	135	-.457	.093	-.261	-.894	220	215	-.387	.053	-.180	-.599	220	265	-.251	.050	-.110	-.508
220	136	-.300	.102	.023	-.843	220	216	-.393	.050	-.241	-.592	220	266	-.132	.029	.030	-.294
220	137	-.295	.096	.148	-.731	220	217	-.400	.052	-.233	-.666	220	267	-.156	.040	-.023	-.373
220	138	-.405	.134	.063	-1.065	220	218	-.410	.055	-.256	-.648	220	268	-.293	.068	-.109	-.720
220	139	-.555	.163	.118	-1.501	220	219	-.417	.056	-.284	-.622	220	269	-.201	.031	.023	-.342
220	140	-.656	.205	-.176	-2.101	220	220	-.423	.066	-.256	-.773	220	270	-.111	.037	.247	-.192
220	141	-.601	.180	-.213	-1.668	220	221	-.424	.068	-.224	-.910	220	271	-.124	.051	.280	-.238
220	142	-.248	.060	-.084	-.547	220	222	-.412	.056	-.227	-.655	220	272	-.210	.049	.137	-.365
220	143	-.254	.069	-.039	-.684	220	223	-.407	.057	-.207	-.663	220	273	-.189	.025	-.090	-.276
220	144	-.254	.060	-.076	-.562	220	224	-.411	.061	-.173	-.671	220	274	-.205	.026	-.118	-.296
220	145	-.264	.059	-.061	-.649	220	225	-.432	.066	-.237	-.762	220	275	-.182	.035	.038	-.276
220	146	-.295	.076	-.031	-.642	220	226	-.432	.061	-.280	-.765	220	276	-.202	.028	-.034	-.304
220	147	-.413	.149	-.146	-1.312	220	227	-.436	.062	-.269	-.720	220	277	-.272	.061	-.133	-.559
220	148	-.254	.048	-.123	-.567	220	228	-.443	.071	-.254	-.806	220	301	.214	.148	.698	-.457
220	149	-.251	.042	-.130	-.615	220	229	-.454	.078	-.265	-.903	220	302	-.167	.079	.158	-.409
220	150	-.217	.052	-.079	-.556	220	230	-.440	.088	-.187	-.838	220	303	.139	.118	.473	-.259
220	151	-.335	.079	-.087	-.861	220	231	-.445	.090	-.204	-.882	220	304	.363	.169	.884	-.398
220	152	-.200	.034	-.044	-.328	220	232	-.457	.090	-.181	-.995	220	305	-.228	.058	-.039	-.514
220	153	-.201	.035	-.034	-.364	220	233	-.473	.094	-.232	-.979	220	306	.109	.145	.531	-.498
220	154	-.228	.039	-.102	-.442	220	234	-.480	.097	-.215	-1.088	220	307	.027	.100	.320	-.324
220	155	-.239	.038	-.133	-.483	220	235	-.479	.086	-.266	-.969	220	308	-.037	.089	.317	-.312
220	156	-.235	.039	-.120	-.458	220	236	-.472	.083	-.262	-.863	220	309	-.083	.080	.224	-.418
220	157	-.373	.082	-.100	-.856	220	237	-.501	.096	-.230	-1.077	220	310	-.159	.065	.084	-.434
220	158	-.350	.063	-.110	-.635	220	238	-.486	.120	-.154	-1.162	220	311	-.361	.060	-.128	-.550
220	159	-.342	.066	-.168	-.709	220	239	-.507	.140	-.190	-1.356	220	312	.342	.191	.915	-.371
220	160	-.213	.028	-.110	-.328	220	240	-.529	.138	-.227	-1.449	220	313	.263	.144	.730	-.116
220	161	-.204	.028	-.082	-.300	220	241	-.553	.120	-.257	-1.288	220	314	.204	.118	.549	-.150
220	162	-.240	.038	-.135	-.478	220	242	-.519	.122	-.139	-1.034	220	315	.114	.099	.440	-.177
220	163	-.302	.051	-.077	-.501	220	243	-.459	.094	-.137	-.827	220	316	-.020	.079	.273	-.247
220	164	-.239	.038	-.031	-.397	220	244	-.473	.096	-.215	-.944	220	317	-.261	.049	-.060	-.462
220	165	-.254	.046	-.062	-.478	220	245	-.487	.123	-.136	-1.155	220	318	.203	.187	.938	-.359
220	166	-.248	.043	-.125	-.468	220	246	-.680	.194	-.194	-1.747	220	319	.189	.142	.761	-.120
220	167	-.244	.040	-.117	-.488	220	247	-.691	.183	-.300	-1.583	220	320	.136	.121	.609	-.125
220	168	-.185	.032	-.059	-.318	220	248	-.771	.242	-.203	-2.211	220	321	.048	.097	.401	-.187
220	169	-.236	.035	-.105	-.384	220	249	-.440	.145	.014	-1.201	220	322	-.084	.067	.190	-.277
220	170	-.203	.033	-.087	-.397	220	250	-.288	.076	-.076	-.662	220	323	-.390	.057	-.174	-.597
220	201	-.483	.075	-.279	-.796	220	251	-.251	.060	-.014	-.507	220	324	.056	.141	.585	-.481
220	202	-.519	.113	-.189	-1.034	220	252	-.260	.068	-.034	-.587	220	325	.084	.119	.587	-.182
220	203	-.495	.082	-.272	-.861	220	253	-.278	.082	-.029	-.762	220	326	.042	.102	.457	-.158
220	204	-.482	.074	-.272	-.775	220	254	-.379	.071	-.183	-.665	220	327	-.039	.078	.302	-.228
220	205	-.489	.099	-.211	-1.060	220	255	-.327	.061	-.167	-.690	220	328	-.153	.060	.143	-.329
220	206	-.385	.058	-.201	-.611	220	256	-.326	.058	-.136	-.625	220	329	-.385	.063	-.194	-.701
220	207	-.382	.056	-.209	-.624	220	257	-.281	.052	-.126	-.527	220	330	-.032	.081	.369	-.437
220	208	-.387	.054	-.201	-.651	220	258	-.248	.042	-.113	-.479	220	331	-.009	.076	.401	-.226
220	209	-.401	.063	-.232	-.791	220	259	-.233	.037	-.128	-.428	220	332	-.041	.064	.296	-.218
220	210	-.418	.060	-.172	-.726	220	260	-.240	.046	-.099	-.550	220	333	-.094	.059	.262	-.280
220	211	-.412	.067	-.214	-.823	220	261	-.254	.059	-.091	-.508	220	334	-.197	.054	.151	-.355
220	212	-.430	.086	-.175	-.930	220	262	-.201	.032	-.049	-.317	220	335	-.424	.083	-.210	-.814
220	213	-.422	.081	-.200	-.845	220	263	-.189	.034	.068	-.295	220	336	-.053	.055	.167	-.396
220	214	-.388	.053	-.227	-.586	220	264	-.192	.030	-.049	-.286	220	337	-.052	.045	.223	-.295

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	338	-.075	.044	.172	-.307	220	439	-.391	.087	-.168	-.891	220	802	-.253	.060	-.046	-.589
220	339	-.120	.043	.113	-.325	220	440	-.181	.067	.123	-.379	220	803	-.257	.070	-.036	-.683
220	340	-.222	.049	.034	-.418	220	441	-.099	.066	.188	-.268	220	804	-.255	.048	-.080	-.474
220	341	-.521	.115	-.126	-1.074	220	442	-.067	.076	.305	-.276	220	805	-.274	.041	-.179	-.464
220	342	-.087	.037	.088	-.315	220	443	-.046	.084	.525	-.397	220	806	-.321	.066	-.139	-.648
220	343	-.078	.036	.105	-.236	220	444	-.076	.112	.409	-.572	220	807	-.362	.079	-.195	-.773
220	344	-.084	.030	.068	-.204	220	445	-.039	.112	.513	-.774	220	808	-.395	.086	-.153	-.829
220	345	-.109	.029	.054	-.219	220	446	-.596	.177	-.203	-1.725	220	809	-.229	.043	-.093	-.446
220	346	-.159	.030	.059	-.303	220	447	-.434	.098	-.162	-.907	220	810	-.223	.042	-.065	-.399
220	347	-.305	.042	-.106	-.521	220	448	-.228	.051	-.032	-.428	220	811	-.239	.047	-.045	-.450
220	348	-.063	.038	.209	-.154	220	449	-.150	.040	.033	-.342	220	812	-.240	.044	-.059	-.419
220	349	-.058	.038	.130	-.187	220	450	-.117	.036	.065	-.268	220	813	-.248	.045	-.101	-.502
220	401	-.182	.072	.136	-.479	220	451	-.106	.043	.087	-.276	220	814	-.281	.049	-.130	-.497
220	402	.253	.167	.792	-.523	220	452	-.124	.062	.129	-.478	220	815	-.309	.065	-.160	-.657
220	403	.073	.116	.444	-.296	220	453	-.102	.065	.154	-.520	220	816	-.297	.056	-.167	-.583
220	404	-.249	.058	-.019	-.468	220	454	-.456	.124	-.184	-1.137	220	817	-.213	.039	-.073	-.454
220	405	.327	.188	.924	-.491	220	455	-.357	.067	-.176	-.789	220	818	-.201	.037	.034	-.365
220	406	-.365	.049	-.194	-.584	220	456	-.158	.036	.008	-.300	220	819	-.211	.035	-.078	-.360
220	407	-.329	.049	-.114	-.528	220	457	-.104	.041	.102	-.295	220	820	-.234	.038	-.076	-.403
220	408	-.100	.076	.200	-.345	220	458	-.097	.037	.124	-.249	220	821	-.170	.037	-.019	-.286
220	409	-.012	.095	.312	-.310	220	459	-.102	.031	.055	-.239	220	822	-.144	.051	.150	-.375
220	410	.076	.110	.455	-.246	220	460	-.119	.031	.011	-.283	220	823	-.146	.037	.056	-.293
220	411	.127	.122	.533	-.286	220	461	-.099	.036	.029	-.300	220	824	-.224	.049	-.033	-.525
220	412	.137	.167	.634	-.451	220	462	-.053	.078	.334	-.205	220	825	-.196	.038	.015	-.380
220	413	.256	.172	.869	-.543	220	463	-.071	.060	.288	-.217	220	826	-.094	.047	.173	-.293
220	414	-.369	.044	-.221	-.549	220	464	-.081	.047	.132	-.416	220	827	-.097	.048	.150	-.264
220	415	-.277	.045	-.109	-.482	220	465	-.206	.035	-.089	-.401	220	828	-.178	.032	-.021	-.310
220	416	-.033	.082	.283	-.279	220	466	-.162	.061	-.039	-.728	220	829	-.070	.068	.573	-.184
220	417	.091	.114	.478	-.238	220	467	-.117	.026	-.016	-.241	220	830	-.254	.059	.003	-.542
220	418	.176	.132	.725	-.206	220	468	-.111	.027	-.006	-.231	220	831	-.208	.045	.044	-.394
220	419	.264	.150	.754	-.142	220	469	-.119	.015	-.057	-.176	220	832	-.092	.043	.136	-.304
220	420	.296	.197	.936	-.451	220	470	-.130	.022	-.054	-.222	220	833	-.094	.042	.086	-.307
220	421	.386	.190	.994	-.443	220	471	-.124	.050	.096	-.437	220	834	-.300	.064	.146	-.516
220	422	-.377	.051	-.218	-.637	220	472	-.067	.058	.240	-.236	220	835	-.192	.060	.130	-.437
220	423	-.356	.053	-.171	-.581	220	473	-.191	.042	-.088	-.397	220	836	-.159	.030	.030	-.436
220	424	-.079	.086	.269	-.318	220	474	-.161	.038	-.066	-.387	220	837	-.062	.038	.145	-.166
220	425	.049	.115	.456	-.232	220	475	-.132	.032	-.016	-.301	220	838	-.084	.036	.100	-.231
220	426	.137	.139	.646	-.201	220	476	-.111	.025	-.028	-.224	220	839	-.092	.037	.103	-.241
220	427	.172	.160	.749	-.195	220	477	-.105	.024	-.010	-.208	220	840	-.100	.035	.051	-.402
220	428	.178	.205	.832	-.615	220	478	-.117	.023	-.033	-.231	220	841	-.348	.058	-.144	-.773
220	429	.225	.196	.871	-.527	220	479	-.071	.043	.207	-.164	220	842	-.203	.040	.042	-.405
220	430	-.391	.072	-.199	-.835	220	480	-.256	.046	-.133	-.559	220	843	-.148	.026	-.032	-.237
220	431	-.356	.070	-.144	-.675	220	481	-.159	.029	-.068	-.263	220	844	-.110	.028	-.002	-.251
220	432	-.136	.083	.224	-.358	220	482	-.145	.032	-.033	-.270	220	845	-.087	.029	.037	-.204
220	433	-.034	.098	.350	-.251	220	483	-.097	.023	-.014	-.179	220	846	-.095	.030	.026	-.216
220	434	.009	.106	.651	-.223	220	484	-.113	.022	-.009	-.224	220	847	-.104	.034	.054	-.226
220	435	.072	.141	.696	-.369	220	485	-.114	.021	-.028	-.229	220	848	-.098	.031	.016	-.252
220	436	.034	.167	.730	-.631	220	486	-.115	.043	.020	-.485	220	849	-.338	.057	-.111	-.543
220	437	.024	.140	.592	-.777	220	487	-.061	.047	.238	-.169	220	850	-.211	.030	-.064	-.342
220	438	-.444	.105	-.178	-1.147	220	801	-.251	.063	-.064	-.724	220	851	-.145	.025	-.009	-.239

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	852	-.108	.020	-.025	-.162	220	943	-.495	.128	-.125	-1.092	230	107	-.411	.074	-.195	-.902
220	853	-.087	.024	.061	-.172	220	944	-.460	.151	-.023	-1.080	230	108	-.419	.069	-.200	-.732
220	854	-.096	.035	.091	-.220	220	945	-.357	.112	.002	-.794	230	109	-.412	.072	-.233	-.919
220	855	-.105	.031	.039	-.221	220	946	-.349	.057	-.157	-.533	230	110	-.384	.056	-.225	-.665
220	856	-.112	.033	.013	-.249	220	947	-.419	.065	-.157	-.713	230	111	-.378	.052	-.156	-.578
220	857	-.268	.073	.164	-.512	220	948	-.417	.062	-.213	-.661	230	112	-.417	.072	-.234	-.922
220	858	-.210	.036	-.073	-.373	220	949	-.387	.060	-.192	-.601	230	113	-.400	.051	-.248	-.685
220	859	-.101	.023	-.000	-.185	220	950	-.165	.156	.368	-.944	230	114	-.403	.054	-.266	-.633
220	901	-.365	.049	-.205	-.574	220	951	-.397	.155	.109	-1.131	230	115	-.394	.046	-.253	-.594
220	902	-.369	.050	-.215	-.577	220	952	-.519	.186	.102	-1.285	230	116	-.378	.045	-.241	-.592
220	903	-.371	.053	-.199	-.621	220	953	-.436	.144	.082	-1.073	230	117	-.378	.046	-.231	-.559
220	904	-.393	.067	-.186	-.983	220	954	-.391	.095	-.031	-.716	230	118	-.437	.076	-.289	-.820
220	905	-.303	.104	-.212	-.952	220	955	-.471	.092	-.115	-.750	230	119	-.444	.069	-.289	-.943
220	906	-.456	.096	-.118	-1.002	220	956	-.471	.073	-.204	-.701	230	120	-.435	.056	-.259	-.680
220	907	-.434	.092	-.178	-.912	220	957	-.378	.058	-.197	-.585	230	121	-.427	.056	-.277	-.689
220	908	-.432	.089	-.199	-.943	220	958	-.117	.039	.131	-.244	230	122	-.411	.056	-.249	-.665
220	909	-.445	.063	-.260	-.679	220	959	-.113	.032	.099	-.227	230	123	-.398	.054	-.213	-.647
220	910	-.392	.055	-.210	-.613	220	960	-.126	.041	.141	-.273	230	124	-.534	.103	-.279	-1.039
220	911	-.422	.062	-.216	-.704	220	961	-.150	.037	.077	-.339	230	125	-.508	.096	-.225	-1.131
220	912	-.490	.055	-.340	-.725	220	962	-.159	.026	-.054	-.234	230	126	-.502	.092	-.284	-1.064
220	913	-.507	.096	-.216	-.944	220	963	-.060	.037	.189	-.171	230	127	-.490	.091	-.259	-1.019
220	914	-.462	.101	-.131	-.851	220	964	-.087	.040	.075	-.305	230	128	-.477	.076	-.259	-.841
220	915	-.435	.080	-.192	-.908	220	965	-.118	.029	.065	-.207	230	129	-.463	.080	-.249	-.841
220	916	-.431	.088	-.115	-.939	220	966	-.067	.064	.330	-.202	230	130	-.571	.124	-.211	-1.164
220	917	-.471	.085	-.166	-.802	220	967	-.075	.038	.070	-.202	230	131	-.557	.116	-.266	-1.057
220	918	-.432	.061	-.204	-.705	220	968	-.097	.030	.046	-.236	230	132	-.565	.126	-.213	-1.334
220	919	-.445	.087	-.068	-.865	220	969	-.214	.046	.108	-.382	230	133	-.566	.122	-.281	-1.344
220	920	-.446	.085	-.059	-.949	220	970	-.102	.029	.077	-.253	230	134	-.538	.116	-.244	-1.100
220	921	-.340	.067	-.152	-.630	220	971	-.135	.030	.082	-.249	230	135	-.540	.107	-.275	-1.098
220	922	-.526	.097	-.283	-.967	220	972	-.119	.027	.065	-.249	230	136	-.372	.099	-.106	-.819
220	923	-.486	.083	-.258	-.952	220	973	-.040	.104	.664	-.229	230	137	-.373	.115	-.084	-.861
220	924	-.408	.098	-.015	-.752	220	974	-.089	.031	.082	-.212	230	138	-.469	.138	-.059	-1.019
220	925	-.362	.077	-.081	-.714	220	975	-.103	.028	.036	-.219	230	139	-.576	.161	-.031	-1.361
220	926	-.508	.083	-.247	-.841	220	976	-.144	.040	-.013	-.336	230	140	-.601	.157	-.139	-1.536
220	927	-.483	.085	-.204	-.872	220	977	-.120	.027	.009	-.232	230	141	-.602	.151	-.239	-1.551
220	928	.039	.113	.475	-.293	220	978	-.151	.041	.007	-.397	230	142	-.253	.079	-.056	-.779
220	929	-.584	.094	-.244	-.956	220	979	-.273	.051	-.135	-.638	230	143	-.244	.087	-.019	-.706
220	930	-.507	.083	-.262	-.843	220	980	-.226	.030	-.133	-.368	230	144	-.254	.089	-.014	-.749
220	931	-.428	.140	.086	-1.020	220	981	-.241	.038	-.121	-.568	230	145	-.273	.086	-.044	-.689
220	932	-.361	.118	.039	-.884	220	982	-.210	.027	-.116	-.335	230	146	-.323	.125	.049	-.956
220	933	-.504	.080	-.239	-.878	220	983	-.298	.065	-.138	-1.001	230	147	-.539	.168	-.144	-1.596
220	934	-.433	.087	-.142	-.880	220	984	-.223	.029	-.131	-.336	230	148	-.249	.049	-.063	-.656
220	935	.136	.100	.451	-.423	220	985	-.228	.034	-.129	-.485	230	149	-.242	.043	-.109	-.610
220	936	.069	.110	.480	-.352	220	986	-.204	.026	-.097	-.346	230	150	-.280	.093	-.063	-.752
220	937	-.353	.068	-.163	-.619	230	101	-.547	.129	-.217	-1.297	230	151	-.258	.056	-.078	-.561
220	938	-.480	.181	-.118	-1.259	230	102	-.530	.110	-.259	-1.009	230	152	-.180	.034	-.042	-.308
220	939	-.464	.157	-.016	-1.364	230	103	-.541	.108	-.225	-1.019	230	153	-.187	.044	-.014	-.378
220	940	-.443	.067	-.168	-.754	230	104	-.508	.110	-.238	-1.247	230	154	-.225	.044	-.104	-.507
220	941	-.396	.064	-.188	-.719	230	105	-.522	.108	-.264	-.981	230	155	-.251	.040	-.130	-.465
220	942	-.406	.137	.036	-1.036	230	106	-.408	.077	-.182	-.813	230	156	-.266	.061	-.130	-.718

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	157	-.380	.087	-.094	-.759	230	237	-.526	.122	-.200	-1.259	230	310	-.191	.054	.009	-.422
230	158	-.338	.087	-.001	-.806	230	238	-.502	.126	-.208	-1.153	230	311	-.367	.056	-.187	-.597
230	159	-.357	.074	-.143	-.731	230	239	-.513	.124	-.219	-1.178	230	312	.031	.178	.606	-.594
230	160	-.206	.028	-.107	-.321	230	240	-.535	.131	-.248	-1.593	230	313	.124	.103	.479	-.192
230	161	-.193	.030	-.055	-.318	230	241	-.575	.134	-.292	-1.211	230	314	.070	.079	.395	-.154
230	162	-.254	.054	-.132	-.700	230	242	-.526	.122	-.172	-1.200	230	315	.017	.073	.281	-.175
230	163	-.256	.054	-.032	-.538	230	243	-.479	.096	-.131	-.998	230	316	-.091	.052	.103	-.251
230	164	-.226	.044	-.063	-.409	230	244	-.496	.101	-.232	-1.060	230	317	-.278	.043	-.139	-.435
230	165	-.243	.047	-.040	-.538	230	245	-.524	.116	-.231	-1.139	230	318	-.017	.176	.531	-.771
230	166	-.234	.039	-.109	-.499	230	246	-.698	.196	-.278	-1.933	230	319	.094	.099	.544	-.360
230	167	-.242	.045	-.114	-.496	230	247	-.723	.200	-.246	-1.956	230	320	.052	.078	.371	-.141
230	168	-.181	.035	-.076	-.339	230	248	-.772	.221	-.209	-2.336	230	321	-.035	.062	.232	-.205
230	169	-.252	.046	-.127	-.512	230	249	-.351	.138	-.168	-1.273	230	322	-.147	.045	.036	-.293
230	170	-.203	.050	-.032	-.488	230	250	-.358	.080	-.150	-.724	230	323	-.383	.053	-.208	-.573
230	201	-.470	.080	-.227	-.789	230	251	-.314	.068	-.113	-.649	230	324	-.081	.142	.466	-.596
230	202	-.477	.103	-.208	-1.039	230	252	-.324	.079	-.093	-.704	230	325	.020	.082	.332	-.249
230	203	-.467	.082	-.222	-.783	230	253	-.336	.087	-.067	-.767	230	326	-.019	.062	.260	-.192
230	204	-.464	.079	-.241	-.795	230	254	-.367	.071	-.183	-.749	230	327	-.090	.051	.198	-.251
230	205	-.459	.082	-.231	-.934	230	255	-.311	.052	-.159	-.692	230	328	-.195	.044	.037	-.350
230	206	-.345	.057	-.171	-.594	230	256	-.330	.068	-.108	-.789	230	329	-.386	.071	-.200	-.715
230	207	-.351	.055	-.183	-.548	230	257	-.303	.052	-.165	-.589	230	330	-.094	.106	.251	-.530
230	208	-.349	.054	-.188	-.531	230	258	-.268	.041	-.115	-.488	230	331	-.027	.062	.240	-.301
230	209	-.363	.053	-.216	-.699	230	259	-.258	.041	-.083	-.433	230	332	-.064	.049	.176	-.213
230	210	-.402	.061	-.183	-.738	230	260	-.247	.060	-.083	-.644	230	333	-.124	.042	.073	-.244
230	211	-.393	.070	-.207	-1.066	230	261	-.245	.067	-.065	-.675	230	334	-.230	.043	-.078	-.374
230	212	-.397	.082	-.146	-.999	230	262	-.181	.042	-.007	-.344	230	335	-.463	.089	-.181	-.932
230	213	-.413	.097	-.140	-.959	230	263	-.149	.055	.120	-.300	230	336	-.056	.070	.201	-.365
230	214	-.349	.051	-.080	-.516	230	264	-.185	.035	-.017	-.321	230	337	-.044	.057	.211	-.255
230	215	-.358	.051	-.179	-.545	230	265	-.240	.050	-.095	-.546	230	338	-.063	.051	.164	-.238
230	216	-.365	.052	-.219	-.582	230	266	-.128	.036	.019	-.266	230	339	-.123	.042	.070	-.295
230	217	-.375	.050	-.236	-.595	230	267	-.140	.034	-.020	-.287	230	340	-.236	.048	-.064	-.419
230	218	-.383	.055	-.202	-.809	230	268	-.209	.042	-.095	-.443	230	341	-.556	.125	-.280	-1.127
230	219	-.389	.053	-.236	-.584	230	269	-.175	.052	.159	-.326	230	342	-.061	.040	.137	-.196
230	220	-.396	.061	-.155	-.662	230	270	-.016	.066	.351	-.173	230	343	-.058	.041	.102	-.193
230	221	-.410	.070	-.238	-.806	230	271	-.019	.080	.359	-.194	230	344	-.066	.039	.104	-.176
230	222	-.371	.057	-.186	-.587	230	272	-.174	.059	.161	-.329	230	345	-.096	.033	.042	-.198
230	223	-.384	.055	-.152	-.624	230	273	-.175	.026	-.077	-.261	230	346	-.154	.029	-.017	-.275
230	224	-.383	.056	-.208	-.636	230	274	-.193	.026	-.103	-.284	230	347	-.323	.051	-.183	-.556
230	225	-.402	.060	-.237	-.723	230	275	-.179	.036	.068	-.292	230	348	-.047	.048	.211	-.183
230	226	-.411	.060	-.227	-.685	230	276	-.199	.031	-.056	-.370	230	349	-.056	.053	.136	-.303
230	227	-.410	.059	-.216	-.710	230	277	-.259	.053	-.129	-.705	230	401	-.075	.100	.312	-.613
230	228	-.431	.070	-.241	-.793	230	301	-.038	.212	.575	-.850	230	402	.421	.166	.912	-.449
230	229	-.463	.093	-.255	-1.165	230	302	-.254	.058	.008	-.483	230	403	.171	.142	.732	-.499
230	230	-.398	.079	-.188	-.724	230	303	.018	.086	.384	-.233	230	404	-.263	.079	.050	-.630
230	231	-.422	.083	-.202	-.859	230	304	.199	.162	.637	-.638	230	405	.448	.190	1.076	-.386
230	232	-.434	.084	-.200	-.785	230	305	-.252	.049	-.089	-.483	230	406	-.375	.056	-.208	-.649
230	233	-.456	.091	-.262	-.851	230	306	-.124	.143	.273	-.779	230	407	-.278	.059	-.014	-.491
230	234	-.458	.087	-.254	-1.167	230	307	-.060	.081	.250	-.372	230	408	-.011	.092	.282	-.263
230	235	-.466	.083	-.208	-.802	230	308	-.093	.075	.162	-.345	230	409	.075	.102	.459	-.217
230	236	-.490	.090	-.218	-1.113	230	309	-.138	.066	.155	-.386	230	410	.155	.111	.526	-.211

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	411	.228	.126	.646	-.161	230	461	-.066	.038	.093	-.200	230	824	-.233	.048	-.074	-.443
230	412	.265	.158	.798	-.272	230	462	.049	.117	.880	-.178	230	825	-.200	.040	-.009	-.349
230	413	.180	.180	.673	-.663	230	463	.040	.104	.462	-.170	230	826	-.039	.058	.275	-.234
230	414	-.378	.047	-.236	-.547	230	464	-.100	.082	.141	-.479	230	827	-.025	.074	.336	-.244
230	415	-.229	.052	-.044	-.429	230	465	-.222	.045	-.106	-.497	230	828	-.155	.038	.006	-.282
230	416	.080	.092	.395	-.166	230	466	-.212	.098	-.028	-.780	230	829	.058	.111	.684	-.180
230	417	.240	.123	.697	-.137	230	467	-.109	.030	-.008	-.300	230	830	-.229	.066	.056	-.522
230	418	.334	.138	.803	-.071	230	468	-.109	.031	-.006	-.227	230	831	-.178	.057	.034	-.402
230	419	.411	.149	.818	.010	230	469	-.113	.018	-.057	-.176	230	832	-.042	.060	.222	-.289
230	420	.449	.160	.929	-.027	230	470	-.121	.023	-.035	-.218	230	833	-.033	.061	.239	-.227
230	421	.281	.211	.912	-.624	230	471	-.110	.049	.140	-.381	230	834	-.195	.093	.164	-.503
230	422	-.400	.058	-.216	-.612	230	472	-.071	.059	.267	-.247	230	835	-.110	.063	.145	-.397
230	423	-.340	.059	-.109	-.584	230	473	-.211	.053	-.084	-.524	230	836	-.135	.037	.094	-.337
230	424	.037	.088	.323	-.287	230	474	-.186	.065	-.042	-.527	230	837	-.046	.050	.229	-.246
230	425	.214	.123	.608	-.097	230	475	-.127	.043	.004	-.434	230	838	-.047	.056	.175	-.284
230	426	.314	.138	.756	-.067	230	476	-.103	.029	.006	-.315	230	839	-.065	.051	.175	-.249
230	427	.392	.152	.886	-.049	230	477	-.099	.025	.021	-.308	230	840	-.070	.050	.151	-.311
230	428	.392	.164	.943	-.147	230	478	-.110	.023	-.018	-.215	230	841	-.351	.060	-.189	-.639
230	429	.179	.220	.794	-.763	230	479	-.063	.046	.170	-.179	230	842	-.185	.038	-.017	-.350
230	430	-.461	.084	-.218	-.851	230	480	-.264	.052	-.098	-.568	230	843	-.117	.039	.029	-.330
230	431	-.382	.074	-.144	-.697	230	481	-.144	.041	.077	-.276	230	844	-.093	.033	.062	-.215
230	432	-.035	.082	.258	-.307	230	482	-.121	.034	.014	-.222	230	845	-.061	.038	.083	-.168
230	433	.127	.108	.512	-.166	230	483	-.089	.025	.031	-.205	230	846	-.056	.043	.147	-.177
230	434	.204	.126	.650	-.108	230	484	-.105	.023	-.013	-.230	230	847	-.065	.043	.189	-.225
230	435	.286	.144	.766	-.055	230	485	-.105	.021	-.011	-.191	230	848	-.056	.043	.168	-.211
230	436	.291	.163	.905	-.266	230	486	-.104	.039	.060	-.364	230	849	-.328	.058	-.109	-.628
230	437	.089	.192	.655	-.680	230	487	-.065	.041	.165	-.162	230	850	-.204	.032	-.100	-.376
230	438	-.537	.117	-.263	-1.126	230	801	-.247	.071	-.093	-.681	230	851	-.128	.031	-.027	-.309
230	439	-.440	.089	-.196	-.919	230	802	-.249	.079	-.032	-.760	230	852	-.082	.028	.034	-.180
230	440	-.110	.067	.269	-.334	230	803	-.259	.087	-.055	-.783	230	853	-.055	.036	.081	-.142
230	441	.004	.073	.287	-.200	230	804	-.255	.061	-.100	-.617	230	854	-.055	.041	.128	-.194
230	442	.054	.099	.421	-.171	230	805	-.296	.057	-.173	-.608	230	855	-.059	.041	.176	-.188
230	443	.087	.111	.630	-.197	230	806	-.367	.108	-.137	-.889	230	856	-.065	.044	.197	-.224
230	444	.082	.113	.525	-.282	230	807	-.417	.108	-.147	-.976	230	857	-.129	.075	.279	-.386
230	445	.041	.142	.591	-.588	230	808	-.467	.115	-.178	-.944	230	858	-.197	.047	.028	-.398
230	446	-.595	.151	-.254	-1.716	230	809	-.233	.057	-.069	-.511	230	859	-.095	.025	-.007	-.218
230	447	-.396	.092	-.134	-.804	230	810	-.276	.055	-.069	-.485	230	901	-.384	.060	-.167	-.659
230	448	-.182	.053	.030	-.385	230	811	-.239	.068	-.047	-.688	230	902	-.385	.059	-.192	-.650
230	449	-.116	.043	.110	-.291	230	812	-.233	.048	-.085	-.584	230	903	-.396	.069	-.207	-.769
230	450	-.091	.043	.092	-.246	230	813	-.267	.058	-.083	-.556	230	904	-.428	.099	-.194	-1.036
230	451	-.080	.048	.162	-.316	230	814	-.285	.060	-.107	-.665	230	905	-.459	.099	-.138	-1.222
230	452	-.078	.054	.277	-.336	230	815	-.384	.094	-.159	-.783	230	906	-.432	.091	-.125	-.810
230	453	-.064	.062	.185	-.378	230	816	-.330	.074	-.156	-.689	230	907	-.423	.098	-.125	-.921
230	454	-.545	.138	-.199	-1.158	230	817	-.230	.044	-.026	-.421	230	908	-.425	.096	-.194	-.871
230	455	-.367	.075	-.155	-.676	230	818	-.213	.041	-.054	-.378	230	909	-.473	.075	-.210	-.807
230	456	-.122	.050	.167	-.324	230	819	-.209	.038	-.088	-.371	230	910	-.415	.066	-.217	-.663
230	457	-.046	.059	.214	-.219	230	820	-.227	.039	-.102	-.472	230	911	-.464	.073	-.261	-.787
230	458	-.044	.051	.185	-.251	230	821	-.132	.040	.015	-.299	230	912	-.506	.068	-.299	-.830
230	459	-.077	.042	.097	-.344	230	822	-.121	.072	.282	-.389	230	913	-.498	.100	-.215	-1.077
230	460	-.073	.043	.137	-.236	230	823	-.116	.049	.092	-.284	230	914	-.418	.097	.008	-.884

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRM_	CPMAX	CPMIN
230	915	-.418	.083	-.184	-.937	230	965	-.110	.034	.092	-.230	240	129	-.471	.082	-.247	-1.182
230	916	-.407	.088	-.099	-.809	230	966	-.039	.101	.488	-.203	240	130	-.505	.115	-.167	-.985
230	917	-.487	.098	-.117	-.846	230	967	-.055	.048	.176	-.235	240	131	-.513	.117	-.130	-1.056
230	918	-.429	.085	-.154	-.721	230	968	-.093	.037	.134	-.208	240	132	-.538	.126	-.154	-1.151
230	919	-.432	.103	-.074	-.810	230	969	-.138	.088	.287	-.431	240	133	-.555	.124	-.118	-1.193
230	920	-.434	.095	-.130	-1.076	230	970	-.095	.034	.092	-.287	240	134	-.551	.109	-.292	-1.172
230	921	-.428	.103	-.148	-.833	230	971	-.136	.028	.087	-.295	240	135	-.528	.112	-.272	-1.140
230	922	-.555	.120	-.300	-1.286	230	972	-.110	.028	.042	-.206	240	136	-.327	.088	-.039	-.739
230	923	-.486	.088	-.202	-.899	230	973	-.158	.166	.933	-.186	240	137	-.330	.117	-.027	-.817
230	924	-.397	.112	-.110	-.856	230	974	-.086	.037	.126	-.201	240	138	-.396	.145	.019	-1.019
230	925	-.355	.090	-.031	-.643	230	975	-.093	.032	.156	-.223	240	139	-.493	.166	-.049	-1.167
230	926	-.500	.095	-.217	-.951	230	976	-.133	.042	.057	-.305	240	140	-.573	.166	-.137	-1.696
230	927	-.490	.099	-.168	-.872	230	977	-.111	.028	.037	-.228	240	141	-.581	.155	-.253	-1.812
230	928	.092	.143	.567	-.526	230	978	-.137	.044	.042	-.317	240	142	-.235	.058	-.069	-.636
230	929	-.626	.118	-.128	-1.082	230	979	-.293	.049	-.144	-.493	240	143	-.214	.063	-.034	-.601
230	930	-.500	.086	-.272	-.976	230	980	-.226	.032	-.113	-.367	240	144	-.220	.063	-.044	-.613
230	931	-.508	.165	.084	-1.105	230	981	-.256	.042	-.130	-.534	240	145	-.236	.070	.011	-.616
230	932	-.433	.147	.006	-1.043	230	982	-.204	.031	-.101	-.334	240	146	-.269	.101	-.022	-.797
230	933	-.486	.077	-.238	-.809	230	983	-.298	.057	-.143	-.585	240	147	-.460	.162	-.140	-1.364
230	934	-.388	.062	-.172	-.795	230	984	-.225	.030	-.122	-.376	240	148	-.213	.031	-.099	-.360
230	935	.116	.138	.405	-.679	230	985	-.235	.037	-.134	-.453	240	149	-.223	.035	-.101	-.457
230	936	-.014	.076	.354	-.271	230	986	-.194	.029	-.100	-.333	240	150	-.285	.071	-.096	-.594
230	937	-.324	.053	-.146	-.556	240	101	-.499	.135	-.117	-1.137	240	151	-.234	.046	-.071	-.416
230	938	-.671	.214	.145	-1.673	240	102	-.594	.124	-.287	-1.198	240	152	-.166	.028	-.063	-.259
230	939	-.625	.187	-.120	-1.537	240	103	-.539	.124	-.193	-1.099	240	153	-.195	.036	-.071	-.424
230	940	-.407	.071	-.197	-.705	240	104	-.471	.124	-.172	-1.282	240	154	-.229	.038	-.129	-.464
230	941	-.359	.061	-.174	-.620	240	105	-.553	.119	-.245	-1.172	240	155	-.242	.035	-.124	-.401
230	942	-.498	.173	-.018	-1.309	240	106	-.438	.099	-.177	-1.016	240	156	-.260	.056	-.111	-.586
230	943	-.541	.137	-.079	-1.223	240	107	-.443	.095	-.105	-1.011	240	157	-.310	.067	-.124	-.624
230	944	-.354	.120	-.055	-1.038	240	108	-.441	.092	-.149	-1.009	240	158	-.241	.065	-.023	-.586
230	945	-.311	.098	.029	-.751	240	109	-.415	.073	-.232	-.798	240	159	-.282	.055	-.124	-.525
230	946	-.327	.052	-.154	-.548	240	110	-.383	.061	-.211	-.848	240	160	-.194	.024	-.099	-.289
230	947	-.385	.062	-.198	-.614	240	111	-.383	.055	-.207	-.662	240	161	-.187	.023	-.094	-.266
230	948	-.367	.059	-.177	-.627	240	112	-.464	.096	-.239	-.957	240	162	-.257	.051	-.142	-.573
230	949	-.348	.056	-.163	-.580	240	113	-.428	.068	-.237	-.860	240	163	-.201	.044	-.020	-.386
230	950	-.255	.165	.315	-1.015	240	114	-.411	.059	-.231	-.697	240	164	-.194	.035	-.063	-.347
230	951	-.425	.132	.032	-.986	240	115	-.393	.056	-.242	-.696	240	165	-.200	.031	-.040	-.337
230	952	-.407	.147	.049	-1.103	240	116	-.377	.051	-.237	-.580	240	166	-.218	.033	-.089	-.469
230	953	-.371	.123	.054	-.991	240	117	-.375	.048	-.219	-.590	240	167	-.238	.035	-.086	-.396
230	954	-.371	.092	-.042	-.780	240	118	-.488	.099	-.231	-.974	240	168	-.175	.029	-.081	-.317
230	955	-.415	.080	-.109	-.730	240	119	-.458	.077	-.245	-.904	240	169	-.246	.041	-.137	-.487
230	956	-.423	.071	-.182	-.741	240	120	-.438	.068	-.250	-.775	240	170	-.199	.049	.038	-.452
230	957	-.340	.055	-.168	-.574	240	121	-.432	.065	-.242	-.751	240	201	-.450	.100	-.206	-1.005
230	958	-.098	.046	.131	-.235	240	122	-.409	.059	-.229	-.787	240	202	-.457	.093	-.166	-.841
230	959	-.095	.042	.156	-.220	240	123	-.397	.057	-.221	-.670	240	203	-.447	.099	-.229	-.973
230	960	-.116	.046	.097	-.248	240	124	-.543	.117	-.208	-1.118	240	204	-.440	.094	-.233	-.850
230	961	-.150	.042	.025	-.426	240	125	-.503	.102	-.122	-1.230	240	205	-.428	.078	-.214	-.759
230	962	-.145	.028	-.035	-.262	240	126	-.523	.102	-.206	-1.105	240	206	-.301	.049	-.141	-.523
230	963	-.054	.047	.181	-.168	240	127	-.503	.094	-.242	-1.118	240	207	-.305	.047	-.120	-.471
230	964	-.092	.049	.129	-.267	240	128	-.487	.089	-.221	-1.117	240	208	-.303	.048	-.148	-.498

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	209	-.314	.046	-.163	-.480	240	259	-.239	.038	-.134	-.498	240	332	-.091	.050	.118	-.304
240	210	-.326	.052	-.169	-.512	240	260	-.230	.046	-.104	-.591	240	333	-.128	.044	.059	-.263
240	211	-.343	.064	-.143	-.607	240	261	-.237	.048	-.104	-.481	240	334	-.208	.039	-.021	-.348
240	212	-.385	.087	-.108	-.906	240	262	-.188	.028	-.060	-.293	240	335	-.370	.067	-.163	-.734
240	213	-.446	.130	-.103	-1.301	240	263	-.166	.031	-.058	-.272	240	336	-.122	.091	.169	-.625
240	214	-.311	.048	-.138	-.545	240	264	-.182	.025	-.096	-.280	240	337	-.084	.060	.164	-.411
240	215	-.309	.044	-.166	-.481	240	265	-.212	.034	-.117	-.464	240	338	-.087	.049	.147	-.299
240	216	-.320	.046	-.148	-.491	240	266	-.108	.032	.024	-.237	240	339	-.118	.047	.107	-.316
240	217	-.321	.046	-.178	-.503	240	267	-.125	.029	.019	-.247	240	340	-.212	.051	.017	-.428
240	218	-.329	.048	-.163	-.520	240	268	-.199	.034	-.083	-.379	240	341	-.512	.114	-.249	-1.060
240	219	-.342	.049	-.180	-.558	240	269	-.184	.027	-.068	-.288	240	342	-.066	.038	.099	-.229
240	220	-.387	.066	-.135	-.733	240	270	-.088	.041	.136	-.198	240	343	-.039	.040	.196	-.194
240	221	-.458	.107	-.191	-1.025	240	271	-.080	.052	.228	-.242	240	344	-.066	.037	.117	-.187
240	222	-.331	.047	-.137	-.522	240	272	-.153	.055	.238	-.326	240	345	-.094	.034	.074	-.197
240	223	-.331	.045	-.163	-.485	240	273	-.172	.020	-.099	-.249	240	346	-.139	.031	.010	-.237
240	224	-.339	.048	-.176	-.489	240	274	-.188	.022	-.112	-.265	240	347	-.271	.043	-.110	-.473
240	225	-.339	.047	-.185	-.577	240	275	-.179	.025	-.078	-.249	240	348	-.054	.041	.128	-.178
240	226	-.353	.046	-.213	-.630	240	276	-.191	.022	-.083	-.275	240	349	-.070	.051	.136	-.275
240	227	-.367	.053	-.202	-.566	240	277	-.208	.034	-.094	-.372	240	401	-.090	.167	.438	-.776
240	228	-.420	.082	-.148	-.923	240	301	-.444	.269	.330	-1.201	240	402	.460	.189	.969	-.502
240	229	-.492	.127	-.115	-1.163	240	302	-.305	.064	-.105	-.662	240	403	-.005	.229	.612	-.674
240	230	-.332	.059	-.129	-.619	240	303	-.092	.073	.190	-.411	240	404	-.326	.094	.028	-.657
240	231	-.350	.060	-.183	-.610	240	304	-.035	.229	.512	-1.109	240	405	.127	.272	.824	-.796
240	232	-.354	.061	-.187	-.697	240	305	-.287	.059	-.114	-.663	240	406	-.377	.063	-.200	-.670
240	233	-.372	.066	-.202	-.834	240	306	-.385	.137	-.003	-.974	240	407	-.206	.074	.139	-.458
240	234	-.384	.059	-.236	-.707	240	307	-.145	.067	.059	-.438	240	408	.095	.111	.522	-.248
240	235	-.409	.071	-.174	-.999	240	308	-.152	.062	.067	-.392	240	409	.153	.118	.496	-.252
240	236	-.464	.109	-.199	-1.013	240	309	-.178	.053	-.005	-.354	240	410	.248	.131	.773	-.158
240	237	-.511	.135	-.144	-1.197	240	310	-.211	.046	-.047	-.379	240	411	.264	.145	.826	-.218
240	238	-.398	.094	-.125	-.899	240	311	-.335	.047	-.167	-.476	240	412	.236	.156	.799	-.194
240	239	-.407	.097	-.116	-.954	240	312	-.315	.189	.303	-1.033	240	413	-.112	.200	.540	-.909
240	240	-.425	.095	-.216	-1.004	240	313	-.059	.151	.327	-1.011	240	414	-.372	.052	-.192	-.578
240	241	-.444	.094	-.247	-.974	240	314	-.037	.068	.185	-.343	240	415	-.163	.066	.088	-.425
240	242	-.446	.081	-.221	-.862	240	315	-.072	.051	.094	-.220	240	416	.190	.117	.573	-.188
240	243	-.438	.084	-.208	-.827	240	316	-.141	.041	.009	-.256	240	417	.352	.144	.850	-.081
240	244	-.454	.101	-.121	-1.108	240	317	-.274	.038	-.119	-.431	240	418	.411	.154	.889	-.034
240	245	-.475	.114	-.155	-1.021	240	318	-.338	.220	.327	-1.170	240	419	.453	.162	.890	.008
240	246	-.579	.166	-.207	-1.515	240	319	-.069	.160	.321	-.921	240	420	.384	.166	.863	-.146
240	247	-.635	.184	-.263	-1.711	240	320	-.048	.064	.216	-.291	240	421	-.162	.288	.672	-1.154
240	248	-.671	.197	-.238	-1.671	240	321	-.091	.049	.112	-.215	240	422	-.396	.063	-.171	-.713
240	249	-.475	.113	-.139	-1.053	240	322	-.174	.037	-.022	-.289	240	423	-.270	.069	.010	-.479
240	250	-.339	.068	-.137	-.641	240	323	-.347	.049	-.197	-.531	240	424	.120	.107	.615	-.200
240	251	-.312	.069	-.089	-.581	240	324	-.251	.198	.352	-.990	240	425	.278	.139	.726	-.090
240	252	-.313	.074	-.058	-.621	240	325	-.063	.107	.293	-.730	240	426	.360	.139	.851	-.096
240	253	-.324	.078	-.028	-.702	240	326	-.068	.063	.210	-.251	240	427	.413	.154	.967	.014
240	254	-.334	.060	-.152	-.614	240	327	-.115	.046	.100	-.255	240	428	.294	.161	.904	-.264
240	255	-.278	.054	-.146	-.604	240	328	-.194	.039	-.029	-.366	240	429	-.156	.310	.724	-1.158
240	256	-.304	.055	-.114	-.598	240	329	-.333	.050	-.188	-.545	240	430	-.474	.086	-.236	-.937
240	257	-.270	.043	-.129	-.465	240	330	-.215	.145	.247	-.977	240	431	-.346	.085	.110	-.744
240	258	-.243	.034	-.116	-.412	240	331	-.087	.074	.296	-.495	240	432	.021	.097	.524	-.273

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	433	.158	.108	.623	-.137	240	483	-.093	.023	-.016	-.182	240	846	-.057	.040	.141	-.245
240	434	.233	.125	.709	-.100	240	484	-.111	.021	-.036	-.191	240	847	-.064	.042	.157	-.264
240	435	.289	.151	.756	-.090	240	485	-.111	.021	-.043	-.208	240	848	-.061	.040	.122	-.248
240	436	.231	.157	.752	-.408	240	486	-.121	.043	.051	-.330	240	849	-.314	.054	-.158	-.591
240	437	-.121	.268	.612	-1.088	240	487	-.059	.041	.278	-.165	240	850	-.187	.028	-.090	-.331
240	438	-.540	.118	-.260	-1.252	240	801	-.221	.047	-.048	-.472	240	851	-.112	.029	.002	-.196
240	439	-.410	.099	.136	-.857	240	802	-.233	.055	-.099	-.579	240	852	-.081	.025	.047	-.146
240	440	-.095	.060	.193	-.350	240	803	-.213	.059	-.076	-.522	240	853	-.056	.035	.082	-.146
240	441	.012	.066	.308	-.145	240	804	-.230	.055	-.121	-.586	240	854	-.048	.040	.158	-.233
240	442	.049	.083	.410	-.144	240	805	-.256	.045	-.160	-.491	240	855	-.058	.039	.133	-.190
240	443	.075	.105	.616	-.192	240	806	-.313	.099	-.088	-.958	240	856	-.070	.040	.088	-.264
240	444	.054	.118	.571	-.276	240	807	-.371	.094	-.127	-.860	240	857	-.109	.061	.190	-.340
240	445	-.063	.167	.604	-.844	240	808	-.397	.110	-.100	-.843	240	858	-.175	.042	.032	-.340
240	446	-.588	.161	-.208	-1.575	240	809	-.217	.045	-.073	-.433	240	859	-.095	.023	-.010	-.163
240	447	-.349	.098	.015	-.911	240	810	-.226	.046	-.094	-.495	240	901	-.388	.064	-.189	-.683
240	448	-.144	.053	.099	-.373	240	811	-.204	.048	-.045	-.507	240	902	-.382	.065	-.143	-.646
240	449	-.088	.045	.106	-.261	240	812	-.216	.045	-.067	-.684	240	903	-.397	.070	-.166	-.807
240	450	-.079	.045	.128	-.261	240	813	-.245	.053	-.102	-.603	240	904	-.430	.092	-.182	-.896
240	451	-.078	.046	.118	-.259	240	814	-.261	.051	-.090	-.515	240	905	-.451	.104	-.132	-1.000
240	452	-.083	.052	.118	-.361	240	815	-.336	.081	-.139	-.751	240	906	-.450	.114	-.049	-1.082
240	453	-.115	.074	.136	-.446	240	816	-.313	.070	-.151	-.676	240	907	-.449	.131	-.095	-1.132
240	454	-.483	.138	-.166	-1.123	240	817	-.226	.040	-.093	-.412	240	908	-.429	.114	-.108	-1.025
240	455	-.301	.070	-.091	-.601	240	818	-.208	.032	-.091	-.354	240	909	-.459	.076	-.225	-.812
240	456	-.099	.041	.088	-.281	240	819	-.196	.031	-.084	-.328	240	910	-.406	.068	-.196	-.684
240	457	-.019	.052	.233	-.191	240	820	-.206	.030	-.036	-.330	240	911	-.452	.082	-.211	-.873
240	458	-.034	.044	.183	-.171	240	821	-.123	.035	.005	-.260	240	912	-.475	.068	-.258	-.814
240	459	-.076	.041	.113	-.226	240	822	-.109	.074	.399	-.387	240	913	-.453	.100	-.065	-.977
240	460	-.080	.037	.123	-.234	240	823	-.099	.040	.092	-.223	240	914	-.417	.103	-.093	-.907
240	461	-.077	.036	.085	-.220	240	824	-.221	.038	-.103	-.396	240	915	-.418	.095	-.167	-.918
240	462	.132	.106	.565	-.147	240	825	-.200	.032	-.065	-.330	240	916	-.427	.112	-.081	-.941
240	463	.113	.104	.633	-.132	240	826	-.014	.061	.302	-.266	240	917	-.440	.110	-.034	-.840
240	464	-.155	.091	.184	-.614	240	827	-.011	.063	.256	-.158	240	918	-.385	.093	-.047	-.788
240	465	-.209	.041	-.094	-.420	240	828	-.159	.030	-.036	-.306	240	919	-.389	.103	-.028	-.917
240	466	-.237	.092	-.017	-.795	240	829	.136	.113	.652	-.101	240	920	-.372	.088	-.140	-.827
240	467	-.114	.036	-.009	-.325	240	830	-.241	.051	-.079	-.475	240	921	-.496	.107	-.161	-1.025
240	468	-.121	.028	-.026	-.244	240	831	-.196	.040	-.055	-.376	240	922	-.544	.144	-.213	-1.318
240	469	-.119	.016	-.057	-.170	240	832	-.019	.056	.276	-.197	240	923	-.437	.094	-.143	-.938
240	470	-.124	.023	-.043	-.220	240	833	-.011	.058	.228	-.225	240	924	-.315	.113	.124	-.748
240	471	-.125	.047	.048	-.340	240	834	-.251	.067	.044	-.509	240	925	-.279	.100	.031	-.686
240	472	-.048	.055	.259	-.316	240	835	-.160	.058	.025	-.379	240	926	-.415	.098	-.059	-1.008
240	473	-.219	.045	-.079	-.498	240	836	-.145	.031	-.006	-.239	240	927	-.375	.083	-.129	-.741
240	474	-.201	.055	-.014	-.486	240	837	-.055	.045	.121	-.254	240	928	-.072	.172	.635	-.659
240	475	-.135	.052	.015	-.448	240	838	-.060	.054	.140	-.306	240	929	-.653	.120	-.263	-1.117
240	476	-.108	.033	.036	-.313	240	839	-.064	.051	.187	-.309	240	930	-.460	.085	-.238	-.849
240	477	-.104	.024	-.009	-.215	240	840	-.062	.049	.195	-.264	240	931	-.415	.160	.158	-1.167
240	478	-.113	.022	-.019	-.198	240	841	-.314	.052	-.152	-.546	240	932	-.352	.158	.052	-1.136
240	479	-.062	.042	.127	-.160	240	842	-.178	.033	-.048	-.338	240	933	-.430	.076	-.183	-.715
240	480	-.270	.047	-.131	-.517	240	843	-.107	.030	.016	-.221	240	934	-.335	.055	-.153	-.604
240	481	-.132	.043	.067	-.280	240	844	-.079	.036	.089	-.200	240	935	-.230	.247	.383	-.996
240	482	-.112	.037	.084	-.242	240	845	-.062	.041	.108	-.191	240	936	-.112	.076	.150	-.431

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	937	-.339	.066	-.149	-.659	250	101	-.436	.124	-.075	-1.246	250	151	-.195	.044	-.042	-.367
240	938	-.654	.199	-.045	-1.438	250	102	-.586	.141	-.154	-1.332	250	152	-.132	.027	-.030	-.244
240	939	-.588	.186	-.160	-1.475	250	103	-.441	.109	-.125	-.996	250	153	-.155	.029	-.065	-.294
240	940	-.367	.065	-.156	-.575	250	104	-.438	.126	-.101	-1.232	250	154	-.169	.031	-.065	-.322
240	941	-.309	.050	-.137	-.526	250	105	-.487	.125	-.164	-1.256	250	155	-.179	.033	-.070	-.334
240	942	-.556	.156	-.025	-1.279	250	106	-.422	.135	-.078	-1.169	250	156	-.197	.049	-.063	-.536
240	943	-.528	.142	-.140	-1.158	250	107	-.418	.117	-.025	-1.064	250	157	-.246	.064	-.040	-.575
240	944	-.355	.118	-.013	-.865	250	108	-.443	.119	-.005	-1.056	250	158	-.157	.050	-.033	-.410
240	945	-.295	.086	-.065	-.662	250	109	-.441	.109	-.135	-1.151	250	159	-.206	.052	-.055	-.523
240	946	-.318	.051	-.168	-.545	250	110	-.387	.077	-.182	-.827	250	160	-.155	.023	-.078	-.239
240	947	-.354	.057	-.185	-.660	250	111	-.378	.082	-.179	-1.050	250	161	-.151	.022	-.070	-.229
240	948	-.321	.033	-.167	-.379	250	112	-.445	.135	-.012	-1.211	250	162	-.197	.039	-.080	-.455
240	949	-.304	.050	-.146	-.488	250	113	-.410	.102	-.052	-.848	250	163	-.129	.038	-.011	-.249
240	950	-.439	.178	.198	-1.332	250	114	-.407	.097	-.062	-.920	250	164	-.139	.031	-.020	-.259
240	951	-.482	.127	.014	-1.069	250	115	-.394	.092	-.150	-.983	250	165	-.142	.024	-.050	-.241
240	952	-.345	.136	.039	-1.137	250	116	-.373	.074	-.137	-.905	250	166	-.154	.024	-.050	-.294
240	953	-.325	.112	.005	-.800	250	117	-.361	.068	-.178	-.701	250	167	-.173	.025	-.083	-.287
240	954	-.339	.089	-.053	-.738	250	118	-.481	.136	-.095	-1.107	250	168	-.121	.022	-.047	-.219
240	955	-.368	.081	-.136	-.719	250	119	-.426	.106	-.057	-.882	250	169	-.189	.033	-.060	-.352
240	956	-.361	.062	-.168	-.613	250	120	-.439	.108	-.021	-1.079	250	170	-.149	.042	-.021	-.347
240	957	-.305	.049	-.161	-.486	250	121	-.434	.119	-.036	-1.409	250	201	-.464	.132	-.130	-1.063
240	958	-.090	.045	.141	-.266	250	122	-.394	.092	-.140	-1.048	250	202	-.429	.101	-.147	-.825
240	959	-.060	.054	.243	-.195	250	123	-.385	.081	-.179	-.999	250	203	-.442	.133	-.149	-1.168
240	960	-.103	.045	.151	-.239	250	124	-.465	.138	-.059	-1.144	250	204	-.429	.124	-.109	-1.058
240	961	-.142	.044	.022	-.341	250	125	-.455	.127	-.038	-1.035	250	205	-.376	.080	-.102	-.859
240	962	-.123	.028	.010	-.227	250	126	-.502	.132	-.029	-1.248	250	206	-.264	.054	-.075	-.485
240	963	-.041	.049	.178	-.183	250	127	-.511	.136	-.166	-1.354	250	207	-.253	.051	-.092	-.477
240	964	-.091	.045	.129	-.273	250	128	-.487	.129	-.204	-1.871	250	208	-.259	.051	-.095	-.455
240	965	-.094	.034	.061	-.195	250	129	-.490	.140	-.168	-1.572	250	209	-.261	.051	-.104	-.458
240	966	.092	.101	.599	-.173	250	130	-.361	.094	-.096	-.724	250	210	-.283	.054	-.106	-.477
240	967	-.050	.048	.180	-.232	250	131	-.378	.119	-.077	-.934	250	211	-.309	.075	-.055	-.642
240	968	-.078	.036	.097	-.202	250	132	-.419	.134	-.039	-1.007	250	212	-.365	.114	-.017	-1.052
240	969	-.077	.085	.426	-.302	250	133	-.480	.135	-.142	-1.131	250	213	-.413	.150	-.025	-1.125
240	970	-.071	.037	.068	-.297	250	134	-.537	.147	-.147	-1.369	250	214	-.267	.052	-.092	-.499
240	971	-.125	.030	.019	-.229	250	135	-.556	.139	-.244	-1.329	250	215	-.261	.049	-.073	-.461
240	972	-.096	.032	.036	-.378	250	136	-.254	.077	-.025	-.635	250	216	-.268	.049	-.119	-.478
240	973	.201	.143	.750	-.144	250	137	-.210	.062	-.012	-.710	250	217	-.269	.050	-.093	-.494
240	974	-.090	.035	.105	-.205	250	138	-.223	.086	.033	-.785	250	218	-.277	.052	-.115	-.526
240	975	-.087	.033	.044	-.256	250	139	-.287	.123	.073	-.915	250	219	-.299	.057	-.107	-.538
240	976	-.102	.040	.095	-.261	250	140	-.395	.156	-.075	-1.302	250	220	-.349	.087	-.078	-.756
240	977	-.108	.027	.012	-.239	250	141	-.513	.150	-.177	-1.527	250	221	-.443	.156	-.060	-1.230
240	978	-.115	.042	.061	-.327	250	142	-.182	.039	-.062	-.392	250	222	-.281	.057	-.108	-.640
240	979	-.252	.036	-.139	-.406	250	143	-.154	.036	-.037	-.425	250	223	-.275	.053	-.098	-.698
240	980	-.223	.030	-.120	-.361	250	144	-.153	.034	-.052	-.442	250	224	-.279	.053	-.095	-.516
240	981	-.226	.030	-.135	-.354	250	145	-.150	.037	-.007	-.422	250	225	-.278	.049	-.135	-.477
240	982	-.204	.026	-.125	-.323	250	146	-.162	.053	-.007	-.552	250	226	-.286	.050	-.132	-.467
240	983	-.259	.040	-.144	-.449	250	147	-.246	.077	-.095	-.830	250	227	-.301	.059	-.127	-.545
240	984	-.213	.025	-.096	-.388	250	148	-.154	.026	-.052	-.302	250	228	-.365	.098	-.031	-.784
240	985	-.215	.027	-.137	-.354	250	149	-.168	.031	-.052	-.329	250	229	-.469	.163	-.010	-1.189
240	986	-.194	.024	-.118	-.306	250	150	-.242	.070	-.073	-.574	250	230	-.278	.061	-.083	-.626

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	231	-.278	.060	-.102	-.637	250	304	-.459	.229	.325	-1.305	250	405	-.136	.198	.565	-.719
250	232	-.284	.059	-.118	-.751	250	305	-.325	.080	-.104	-.647	250	406	-.388	.089	-.162	-1.012
250	233	-.284	.057	-.115	-.591	250	306	-.641	.188	-.218	-1.469	250	407	-.089	.102	.275	-.508
250	234	-.292	.056	-.109	-.600	250	307	-.296	.127	-.071	-.982	250	408	.186	.117	.586	-.162
250	235	-.324	.075	-.127	-.792	250	308	-.204	.053	-.006	-.525	250	409	.247	.135	.663	-.168
250	236	-.372	.110	-.082	-.896	250	309	-.194	.039	-.056	-.461	250	410	.282	.144	.750	-.099
250	237	-.452	.156	-.102	-1.241	250	310	-.205	.037	-.081	-.348	250	411	.300	.143	.763	-.119
250	238	-.288	.071	-.017	-.736	250	311	-.300	.054	-.151	-.536	250	412	.138	.149	.622	-.394
250	239	-.286	.072	-.101	-.860	250	312	-.644	.186	.019	-1.404	250	413	-.496	.235	.232	-1.515
250	240	-.295	.078	-.099	-1.167	250	313	-.441	.264	.072	-1.386	250	414	-.371	.082	-.129	-1.041
250	241	-.316	.065	-.145	-.623	250	314	-.155	.088	.048	-.714	250	415	-.046	.092	.362	-.488
250	242	-.313	.066	-.121	-.628	250	315	-.137	.038	.059	-.425	250	416	.291	.132	.740	-.083
250	243	-.338	.089	-.104	-.823	250	316	-.172	.032	-.074	-.309	250	417	.435	.162	.990	-.051
250	244	-.350	.104	-.045	-.854	250	317	-.251	.042	-.117	-.406	250	418	.460	.160	.948	-.046
250	245	-.371	.113	.053	-.882	250	318	-.611	.185	-.007	-1.461	250	419	.468	.149	.937	.025
250	246	-.423	.155	-.152	-1.392	250	319	-.412	.267	.100	-1.228	250	420	.152	.162	.711	-.383
250	247	-.438	.163	-.155	-1.745	250	320	-.216	.164	.055	-1.125	250	421	-.672	.282	.262	-1.655
250	248	-.450	.176	-.115	-1.778	250	321	-.159	.060	.027	-.693	250	422	-.389	.106	-.133	-1.569
250	249	-.348	.091	-.118	-.858	250	322	-.188	.038	-.009	-.490	250	423	-.167	.100	.254	-.694
250	250	-.256	.053	-.098	-.491	250	323	-.301	.053	-.145	-.600	250	424	.223	.141	.689	-.203
250	251	-.245	.073	-.078	-.658	250	324	-.510	.216	.082	-1.424	250	425	.388	.163	.883	-.048
250	252	-.246	.075	-.003	-.603	250	325	-.330	.239	.094	-1.443	250	426	.419	.161	.975	-.069
250	253	-.242	.071	-.005	-.528	250	326	-.174	.114	.030	-.993	250	427	.371	.165	.874	-.090
250	254	-.260	.054	-.103	-.621	250	327	-.156	.058	.092	-.727	250	428	.075	.185	.763	-.523
250	255	-.228	.045	-.079	-.485	250	328	-.190	.037	-.047	-.394	250	429	-.593	.295	.397	-1.585
250	256	-.238	.051	-.058	-.581	250	329	-.282	.051	-.128	-.549	250	430	-.507	.161	-.170	-1.903
250	257	-.209	.038	-.105	-.398	250	330	-.380	.171	.072	-1.217	250	431	-.232	.129	.236	-.766
250	258	-.192	.030	-.093	-.325	250	331	-.228	.168	.087	-1.145	250	432	.104	.145	.664	-.286
250	259	-.191	.034	-.080	-.380	250	332	-.160	.089	.038	-.960	250	433	.194	.139	.714	-.150
250	260	-.182	.035	-.075	-.333	250	333	-.148	.044	.010	-.424	250	434	.213	.138	.782	-.181
250	261	-.194	.038	-.084	-.376	250	334	-.189	.037	-.031	-.416	250	435	.205	.149	.743	-.204
250	262	-.149	.027	-.041	-.241	250	335	-.293	.059	-.117	-.719	250	436	.020	.214	.741	-.644
250	263	-.135	.028	-.021	-.228	250	336	-.296	.146	.064	-1.493	250	437	-.479	.328	.519	-1.79
250	264	-.147	.022	-.051	-.216	250	337	-.210	.122	.049	-.997	250	438	-.594	.181	-.226	-1.45
250	265	-.154	.023	-.067	-.249	250	338	-.155	.078	.089	-1.074	250	439	-.286	.139	.246	-.819
250	266	-.099	.028	-.027	-.203	250	339	-.147	.047	.066	-.439	250	440	-.023	.107	.468	-.287
250	267	-.119	.025	-.006	-.203	250	340	-.198	.049	-.033	-.430	250	441	.042	.093	.450	-.203
250	268	-.160	.030	-.062	-.324	250	341	-.374	.111	-.122	-1.136	250	442	.037	.087	.546	-.176
250	269	-.145	.025	-.034	-.244	250	342	-.106	.059	.096	-.474	250	443	.019	.099	.478	-.261
250	270	-.106	.034	.088	-.201	250	343	-.092	.055	.141	-.452	250	444	-.109	.169	.522	-.737
250	271	-.071	.047	.290	-.203	250	344	-.079	.048	.123	-.353	250	445	-.339	.269	.347	-1.585
250	272	-.086	.060	.305	-.213	250	345	-.094	.035	.071	-.315	250	446	-.555	.170	-.130	-1.405
250	273	-.136	.020	-.051	-.206	250	346	-.127	.031	.022	-.281	250	447	-.215	.103	.195	-.663
250	274	-.151	.022	-.069	-.223	250	347	-.221	.041	-.087	-.415	250	448	-.071	.070	.245	-.313
250	275	-.145	.023	-.034	-.213	250	348	-.082	.050	.141	-.302	250	449	-.043	.058	.317	-.246
250	276	-.149	.021	-.062	-.241	250	349	-.133	.068	.078	-.481	250	450	-.052	.051	.219	-.244
250	277	-.148	.021	-.067	-.218	250	401	-.030	.197	.803	-.736	250	451	-.071	.053	.192	-.266
250	301	-.704	.184	.023	-1.390	250	402	.427	.204	.993	-.469	250	452	-.171	.081	.055	-.558
250	302	-.350	.082	-.105	-.706	250	403	-.164	.207	.660	-.716	250	453	-.297	.140	.090	-1.151
250	303	-.252	.101	.040	-.864	250	404	-.331	.095	.069	-.874	250	454	-.279	.089	-.052	-.909

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	455	-.181	.052	.012	-.443	250	818	-.170	.028	-.073	-.308	250	909	-.477	.100	-.100	-1.052
250	456	-.087	.045	.105	-.231	250	819	-.142	.025	-.018	-.256	250	910	-.398	.090	-.159	-.853
250	457	.012	.054	.217	-.117	250	820	-.152	.028	-.049	-.275	250	911	-.430	.099	-.160	-.997
250	458	-.014	.046	.232	-.149	250	821	-.070	.033	.092	-.181	250	912	-.454	.074	-.248	-.819
250	459	-.094	.045	.075	-.303	250	822	-.100	.078	.274	-.425	250	913	-.435	.108	-.037	-.960
250	460	-.111	.045	.023	-.460	250	823	-.085	.047	.113	-.261	250	914	-.409	.117	.027	-.919
250	461	-.113	.054	.052	-.441	250	824	-.183	.032	-.069	-.368	250	915	-.397	.112	-.121	-.869
250	462	.157	.114	.694	-.110	250	825	-.166	.027	-.047	-.284	250	916	-.413	.132	-.013	-1.034
250	463	.141	.101	.697	-.059	250	826	.012	.065	.291	-.151	250	917	-.456	.117	-.034	-.954
250	464	-.226	.083	.019	-.663	250	827	.023	.062	.319	-.161	250	918	-.385	.090	-.094	-.818
250	465	-.162	.039	-.029	-.408	250	828	-.129	.026	-.028	-.236	250	919	-.376	.115	-.052	-1.147
250	466	-.210	.083	.045	-.711	250	829	.160	.111	.681	-.073	250	920	-.371	.109	-.065	-.809
250	467	-.128	.065	-.002	-.729	250	830	-.182	.042	-.033	-.385	250	921	-.499	.116	-.180	-1.047
250	468	-.113	.026	-.031	-.233	250	831	-.154	.034	-.023	-.277	250	922	-.446	.103	-.117	-1.223
250	469	-.110	.014	-.066	-.190	250	832	-.014	.061	.288	-.204	250	923	-.408	.103	-.115	-.960
250	470	-.112	.021	-.009	-.185	250	833	.001	.056	.312	-.163	250	924	-.294	.117	.140	-.919
250	471	-.131	.036	-.021	-.304	250	834	-.211	.061	.090	-.428	250	925	-.235	.100	.068	-.606
250	472	-.065	.036	.110	-.290	250	835	-.141	.050	.046	-.476	250	926	-.359	.098	.026	-.796
250	473	-.159	.038	-.052	-.454	250	836	-.130	.027	-.028	-.227	250	927	-.317	.075	-.078	-.680
250	474	-.160	.050	-.023	-.487	250	837	-.098	.064	.113	-.403	250	928	-.172	.135	.568	-.679
250	475	-.147	.069	.024	-.675	250	838	-.095	.065	.143	-.586	250	929	-.625	.112	-.274	-1.126
250	476	-.109	.051	.069	-.487	250	839	-.088	.058	.127	-.365	250	930	-.429	.108	-.121	-.841
250	477	-.102	.024	-.007	-.206	250	840	-.083	.053	.147	-.315	250	931	-.391	.111	.036	-.916
250	478	-.107	.020	-.050	-.190	250	841	-.268	.057	-.103	-.562	250	932	-.297	.104	.039	-.778
250	479	-.058	.033	.074	-.164	250	842	-.156	.037	.037	-.361	250	933	-.329	.068	-.121	-.589
250	480	-.194	.037	-.064	-.380	250	843	-.092	.031	.025	-.247	250	934	-.276	.058	-.055	-.607
250	481	-.108	.039	.138	-.259	250	844	-.086	.044	.128	-.447	250	935	-.534	.160	.051	-1.178
250	482	-.089	.047	.148	-.280	250	845	-.071	.052	.130	-.426	250	936	-.257	.103	.080	-.708
250	483	-.087	.023	.005	-.166	250	846	-.090	.065	.179	-.479	250	937	-.361	.087	-.087	-.719
250	484	-.102	.019	-.033	-.171	250	847	-.100	.054	.098	-.420	250	938	-.614	.149	-.074	-1.319
250	485	-.100	.019	-.040	-.164	250	848	-.092	.056	.067	-.423	250	939	-.541	.123	-.136	-1.139
250	486	-.130	.035	-.035	-.356	250	849	-.273	.063	-.097	-.536	250	940	-.296	.061	-.091	-.576
250	487	-.064	.028	.065	-.135	250	850	-.163	.033	-.032	-.318	250	941	-.259	.056	-.105	-.532
250	801	-.178	.035	-.063	-.353	250	851	-.103	.031	.015	-.278	250	942	-.612	.148	-.121	-1.259
250	802	-.177	.033	-.067	-.418	250	852	-.086	.027	.006	-.236	250	943	-.528	.115	-.159	-.981
250	803	-.151	.031	-.046	-.330	250	853	-.070	.046	.065	-.341	250	944	-.481	.137	-.074	-1.177
250	804	-.151	.024	-.067	-.297	250	854	-.075	.058	.118	-.442	250	945	-.312	.088	-.090	-.745
250	805	-.146	.025	-.077	-.311	250	855	-.090	.054	.080	-.456	250	946	-.295	.049	-.152	-.501
250	806	-.160	.064	-.015	-.548	250	856	-.096	.053	.063	-.734	250	947	-.307	.065	-.111	-.573
250	807	-.221	.068	-.034	-.562	250	857	-.064	.056	.257	-.244	250	948	-.286	.056	-.098	-.559
250	808	-.228	.070	-.063	-.629	250	858	-.123	.033	-.002	-.244	250	949	-.258	.055	-.074	-.475
250	809	-.172	.031	-.088	-.318	250	859	-.087	.026	.021	-.186	250	950	-.661	.186	-.022	-1.374
250	810	-.185	.037	-.050	-.367	250	901	-.417	.103	-.188	-1.186	250	951	-.596	.156	-.185	-1.244
250	811	-.148	.029	-.051	-.314	250	902	-.377	.087	-.146	-.924	250	952	-.345	.120	-.071	-.928
250	812	-.153	.030	-.056	-.297	250	903	-.398	.097	-.151	-.909	250	953	-.286	.090	-.077	-.755
250	813	-.156	.035	-.044	-.354	250	904	-.453	.111	-.136	-.987	250	954	-.285	.086	-.058	-.669
250	814	-.158	.042	-.027	-.359	250	905	-.458	.128	-.016	-1.154	250	955	-.297	.081	-.061	-.612
250	815	-.223	.064	-.057	-.618	250	906	-.425	.134	.024	-1.139	250	956	-.311	.065	-.055	-.624
250	816	-.213	.054	-.062	-.524	250	907	-.421	.142	.034	-1.076	250	957	-.254	.054	-.087	-.474
250	817	-.189	.036	-.094	-.368	250	908	-.416	.148	-.052	-1.112	250	958	-.067	.042	.217	-.290

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	959	-.049	.053	.253	-.181	260	123	-.474	.177	-.133	-1.590	260	203	-.316	.099	-.105	-.733
250	960	-.074	.045	.171	-.201	260	124	-.316	.148	.042	-1.023	260	204	-.318	.091	-.061	-.883
250	961	-.114	.036	.058	-.278	260	125	-.314	.144	.122	-.855	260	205	-.299	.074	-.097	-.661
250	962	-.109	.028	.007	-.218	260	126	-.399	.161	.019	-1.123	260	206	-.226	.061	-.021	-.878
250	963	-.070	.060	.210	-.341	260	127	-.504	.178	-.028	-1.249	260	207	-.210	.056	-.010	-.542
250	964	-.070	.045	.166	-.208	260	128	-.543	.183	-.140	-1.438	260	208	-.212	.054	-.023	-.498
250	965	-.082	.031	.055	-.215	260	129	-.514	.186	-.162	-1.747	260	209	-.216	.049	-.071	-.467
250	966	.123	.099	.591	-.138	260	130	-.247	.090	-.041	-.725	260	210	-.231	.055	-.038	-.483
250	967	-.073	.050	.176	-.276	260	131	-.241	.113	.064	-.806	260	211	-.238	.068	-.018	-.637
250	968	-.061	.035	.166	-.189	260	132	-.310	.141	.042	-.948	260	212	-.249	.090	-.055	-.807
250	969	.034	.105	.488	-.213	260	133	-.442	.175	-.041	-1.193	260	213	-.281	.106	-.018	-1.087
250	970	-.074	.048	.149	-.382	260	134	-.545	.178	-.160	-1.415	260	214	-.231	.066	-.033	-.589
250	971	-.110	.027	.002	-.254	260	135	-.574	.177	-.193	-1.403	260	215	-.213	.056	-.039	-.562
250	972	-.093	.028	.029	-.189	260	136	-.190	.051	-.024	-.488	260	216	-.214	.052	-.033	-.443
250	973	.221	.158	.915	-.136	260	137	-.156	.051	.043	-.616	260	217	-.217	.049	-.079	-.446
250	974	-.055	.054	.268	-.196	260	138	-.160	.072	.114	-.710	260	218	-.219	.052	-.064	-.506
250	975	-.093	.033	.024	-.297	260	139	-.227	.118	.065	-.875	260	219	-.227	.057	-.076	-.538
250	976	-.092	.031	.036	-.360	260	140	-.387	.176	-.019	-1.440	260	220	-.263	.092	-.052	-.745
250	977	-.104	.024	-.010	-.237	260	141	-.512	.165	-.140	-1.546	260	221	-.294	.131	-.030	-1.047
250	978	-.106	.032	.012	-.237	260	142	-.174	.036	-.049	-.392	260	222	-.244	.093	.031	-.796
250	979	-.210	.035	-.101	-.391	260	143	-.137	.027	-.034	-.278	260	223	-.231	.084	.038	-1.100
250	980	-.186	.026	-.099	-.289	260	144	-.127	.026	-.039	-.315	260	224	-.214	.058	-.018	-.535
250	981	-.188	.028	-.099	-.308	260	145	-.119	.029	-.007	-.320	260	225	-.211	.051	-.060	-.452
250	982	-.167	.024	-.073	-.280	260	146	-.130	.044	.070	-.513	260	226	-.201	.045	-.006	-.438
250	983	-.200	.037	-.107	-.388	260	147	-.211	.061	-.069	-.601	260	227	-.215	.061	-.019	-.639
250	984	-.180	.027	-.093	-.308	260	148	-.135	.026	-.050	-.289	260	228	-.266	.107	.044	-.966
250	985	-.177	.027	-.097	-.354	260	149	-.146	.031	-.050	-.360	260	229	-.327	.171	.132	-1.175
250	986	-.156	.023	-.076	-.244	260	150	-.255	.071	-.042	-.657	260	230	-.236	.102	.062	-.987
260	101	-.374	.125	.050	-1.136	260	151	-.185	.048	-.032	-.487	260	231	-.218	.080	.044	-.664
260	102	-.687	.180	-.125	-1.403	260	152	-.119	.026	-.029	-.222	260	232	-.205	.057	-.046	-.480
260	103	-.439	.122	-.046	-.932	260	153	-.141	.029	-.037	-.296	260	233	-.194	.048	-.041	-.464
260	104	-.389	.141	-.065	-1.172	260	154	-.154	.029	-.055	-.289	260	234	-.195	.046	-.029	-.407
260	105	-.540	.163	-.120	-1.328	260	155	-.158	.029	-.052	-.271	260	235	-.201	.059	-.026	-.792
260	106	-.284	.095	.024	-.926	260	156	-.178	.047	-.060	-.517	260	236	-.248	.109	.001	-.679
260	107	-.317	.113	-.023	-.851	260	157	-.211	.066	-.029	-.517	260	237	-.295	.162	.104	-1.161
260	108	-.389	.133	.032	-.961	260	158	-.111	.055	.093	-.362	260	238	-.225	.075	-.003	-.602
260	109	-.510	.138	-.052	-1.194	260	159	-.166	.054	-.022	-.400	260	239	-.207	.062	.024	-.538
260	110	-.589	.170	-.164	-1.269	260	160	-.144	.023	-.062	-.233	260	240	-.200	.052	-.057	-.520
260	111	-.561	.193	-.188	-1.433	260	161	-.141	.022	-.078	-.245	260	241	-.198	.043	-.086	-.486
260	112	-.301	.120	.009	-1.091	260	162	-.177	.036	-.057	-.360	260	242	-.193	.045	-.086	-.397
260	113	-.322	.123	.051	-.830	260	163	-.093	.046	.088	-.263	260	243	-.200	.059	-.041	-.682
260	114	-.406	.142	.043	-1.278	260	164	-.116	.039	.067	-.268	260	244	-.213	.076	-.030	-.885
260	115	-.523	.162	-.026	-1.349	260	165	-.121	.024	.022	-.212	260	245	-.233	.095	.003	-.826
260	116	-.546	.171	-.075	-1.217	260	166	-.132	.023	-.039	-.210	260	246	-.272	.109	-.042	-.897
260	117	-.537	.182	-.154	-1.450	260	167	-.151	.025	-.052	-.256	260	247	-.257	.090	-.059	-.809
260	118	-.357	.166	.063	-1.231	260	168	-.103	.020	-.027	-.179	260	248	-.265	.095	-.081	-1.366
260	119	-.345	.142	.134	-.918	260	169	-.172	.033	.004	-.456	260	249	-.212	.050	-.088	-.474
260	120	-.425	.155	.038	-.965	260	170	-.124	.029	-.017	-.243	260	250	-.190	.040	-.093	-.407
260	121	-.516	.170	-.022	-1.375	260	201	-.338	.094	-.100	-.838	260	251	-.185	.050	-.063	-.714
260	122	-.512	.176	-.104	-1.345	260	202	-.318	.085	-.084	-.751	260	252	-.186	.050	-.041	-.724

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	253	-.188	.050	-.031	-.528	260	326	-.471	.210	-.040	-1.264	260	427	.353	.133	.807	-.066
260	254	-.260	.061	-.112	-.576	260	327	-.338	.183	.083	-1.122	260	428	-.130	.140	.361	-.657
260	255	-.224	.050	-.096	-.434	260	328	-.234	.114	.107	-.828	260	429	-.708	.202	-.083	-1.673
260	256	-.211	.051	-.080	-.434	260	329	-.247	.097	.023	-.858	260	430	-.545	.213	-.116	-1.734
260	257	-.170	.031	-.058	-.303	260	330	-.534	.171	-.120	-1.477	260	431	-.147	.123	.288	-.699
260	258	-.180	.029	-.075	-.320	260	331	-.538	.206	-.094	-1.437	260	432	.230	.126	.706	-.136
260	259	-.175	.031	-.085	-.303	260	332	-.379	.184	.048	-1.320	260	433	.326	.140	.805	-.035
260	260	-.170	.034	-.070	-.348	260	333	-.258	.135	.048	-.879	260	434	.349	.144	.856	-.055
260	261	-.180	.038	-.074	-.379	260	334	-.207	.088	.013	-.623	260	435	.222	.132	.726	-.131
260	262	-.136	.028	-.015	-.237	260	335	-.220	.054	-.050	-.511	260	436	-.178	.143	.434	-.837
260	263	-.124	.026	-.025	-.207	260	336	-.467	.185	-.101	-1.410	260	437	-.716	.243	-.049	-1.767
260	264	-.135	.023	-.054	-.219	260	337	-.416	.192	-.012	-1.495	260	438	-.620	.228	-.210	-2.061
260	265	-.135	.022	-.051	-.242	260	338	-.230	.137	.220	-1.034	260	439	-.216	.114	.257	-.665
260	266	-.089	.028	.049	-.179	260	339	-.155	.088	.120	-.697	260	440	.109	.094	.471	-.164
260	267	-.118	.024	-.033	-.202	260	340	-.165	.068	.076	-.603	260	441	.178	.097	.547	-.086
260	268	-.168	.038	-.056	-.439	260	341	-.257	.080	.051	-.677	260	442	.166	.106	.630	-.105
260	269	-.139	.025	-.051	-.242	260	342	-.157	.073	.073	-.622	260	443	.087	.101	.542	-.193
260	270	-.095	.032	.067	-.189	260	343	-.118	.066	.061	-.595	260	444	-.256	.117	.188	-.795
260	271	-.051	.051	.232	-.171	260	344	-.095	.047	.078	-.458	260	445	-.620	.223	.028	-1.547
260	272	-.064	.061	.312	-.202	260	345	-.106	.039	.088	-.303	260	446	-.570	.195	-.091	-1.608
260	273	-.125	.020	-.059	-.191	260	346	-.130	.034	.003	-.291	260	447	-.199	.083	.101	-.545
260	274	-.139	.023	-.043	-.222	260	347	-.222	.048	-.104	-.443	260	448	-.029	.061	.250	-.226
260	275	-.137	.022	-.059	-.222	260	348	-.109	.052	.069	-.347	260	449	.004	.053	.339	-.176
260	276	-.139	.021	-.051	-.217	260	349	-.188	.061	.041	-.465	260	450	.008	.058	.257	-.156
260	277	-.135	.023	-.059	-.245	260	401	.130	.264	.864	-.706	260	451	-.028	.060	.207	-.251
260	301	-.716	.172	-.171	-1.457	260	402	.254	.254	.851	-.734	260	452	-.239	.090	.074	-.611
260	302	-.348	.095	.017	-1.052	260	403	-.306	.190	.537	-.932	260	453	-.551	.193	-.116	-1.600
260	303	-.427	.131	-.052	-.934	260	404	-.347	.145	.343	-.883	260	454	-.263	.083	-.046	-.887
260	304	-.627	.192	-.044	-1.548	260	405	-.334	.166	.427	-.822	260	455	-.140	.044	.066	-.353
260	305	-.314	.088	-.052	-.833	260	406	-.643	.204	-.190	-1.578	260	456	-.085	.038	.117	-.229
260	306	-.785	.195	-.296	-1.514	260	407	-.028	.129	.506	-.642	260	457	.028	.047	.239	-.086
260	307	-.629	.180	-.162	-1.210	260	408	.221	.125	.640	-.182	260	458	-.008	.042	.219	-.119
260	308	-.398	.160	-.124	-1.201	260	409	.258	.119	.723	-.095	260	459	-.124	.043	.059	-.304
260	309	-.255	.092	-.070	-.934	260	410	.273	.130	.707	-.134	260	460	-.160	.054	-.003	-.571
260	310	-.212	.065	-.035	-.762	260	411	.246	.123	.625	-.138	260	461	-.166	.061	.009	-.474
260	311	-.247	.054	-.041	-.523	260	412	-.077	.135	.439	-.565	260	462	.204	.105	.679	-.048
260	312	-.761	.192	-.256	-1.466	260	413	-.831	.230	-.199	-1.882	260	463	.193	.099	.707	-.031
260	313	-.782	.205	-.086	-1.537	260	414	-.583	.213	-.151	-1.639	260	464	-.318	.092	-.082	-.669
260	314	-.488	.194	-.007	-1.207	260	415	-.008	.126	.439	-.435	260	465	-.148	.035	-.033	-.334
260	315	-.278	.129	-.017	-.878	260	416	.361	.145	.869	-.067	260	466	-.159	.063	.005	-.495
260	316	-.207	.069	-.030	-.700	260	417	.468	.156	.963	.063	260	467	-.142	.073	-.014	-.647
260	317	-.226	.059	-.020	-.669	260	418	.468	.150	.997	.023	260	468	-.113	.022	-.028	-.203
260	318	-.621	.154	-.132	-1.259	260	419	.395	.142	.873	.026	260	469	-.111	.013	-.067	-.160
260	319	-.650	.171	-.101	-1.349	260	420	-.074	.134	.427	-.604	260	470	-.114	.019	-.057	-.179
260	320	-.555	.201	-.091	-1.403	260	421	-.876	.231	-.140	-1.730	260	471	-.128	.032	-.040	-.295
260	321	-.365	.176	.052	-1.135	260	422	-.504	.192	-.135	-1.816	260	472	-.074	.031	.032	-.287
260	322	-.263	.118	.028	-.773	260	423	-.096	.112	.455	-.565	260	473	-.149	.032	-.038	-.278
260	323	-.268	.099	-.014	-.792	260	424	.335	.138	.895	-.092	260	474	-.134	.037	-.016	-.321
260	324	-.650	.199	-.180	-1.824	260	425	.443	.150	1.008	.007	260	475	-.146	.053	-.014	-.532
260	325	-.624	.208	-.070	-1.580	260	426	.446	.151	1.017	.011	260	476	-.115	.046	.020	-.506

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	477	-.101	.023	-.021	-.184	260	840	-.125	.058	.067	-.397	260	931	-.413	.128	.096	-.981
260	478	-.111	.021	-.043	-.206	260	841	-.253	.064	-.049	-.497	260	932	-.329	.120	.072	-.991
260	479	-.075	.026	.041	-.177	260	842	-.160	.038	-.026	-.313	260	933	-.260	.061	-.073	-.535
260	480	-.170	.032	-.055	-.328	260	843	-.093	.031	.027	-.227	260	934	-.226	.057	-.062	-.565
260	481	-.099	.034	.130	-.218	260	844	-.105	.045	.039	-.500	260	935	-.708	.176	-.145	-1.437
260	482	-.100	.038	.111	-.230	260	845	-.101	.053	.100	-.411	260	936	-.411	.131	-.084	-.906
260	483	-.090	.023	-.016	-.184	260	846	-.130	.069	.062	-.536	260	937	-.314	.082	-.046	-.638
260	484	-.106	.018	-.033	-.187	260	847	-.145	.056	.014	-.439	260	938	-.695	.162	-.155	-1.277
260	485	-.103	.018	-.028	-.172	260	848	-.144	.057	.058	-.455	260	939	-.604	.138	-.182	-1.250
260	486	-.128	.034	-.035	-.314	260	849	-.272	.067	-.051	-.557	260	940	-.251	.067	-.012	-.572
260	487	-.071	.023	-.013	-.155	260	850	-.168	.035	-.063	-.336	260	941	-.218	.057	-.019	-.496
260	801	-.170	.036	-.063	-.368	260	851	-.110	.031	-.004	-.307	260	942	-.766	.153	-.144	-1.374
260	802	-.164	.031	-.064	-.299	260	852	-.103	.025	.004	-.201	260	943	-.653	.144	-.265	-1.202
260	803	-.133	.025	-.040	-.250	260	853	-.093	.049	.044	-.357	260	944	-.659	.152	-.148	-1.339
260	804	-.127	.020	-.063	-.227	260	854	-.110	.062	.074	-.423	260	945	-.472	.158	-.057	-1.113
260	805	-.115	.018	-.063	-.196	260	855	-.134	.055	.046	-.442	260	946	-.300	.066	-.158	-.688
260	806	-.120	.049	.007	-.444	260	856	-.131	.053	.032	-.524	260	947	-.242	.062	.096	-.503
260	807	-.204	.068	-.041	-.691	260	857	-.032	.056	.214	-.227	260	948	-.249	.061	.003	-.532
260	808	-.194	.055	-.042	-.551	260	858	-.108	.028	.010	-.211	260	949	-.217	.058	-.007	-.553
260	809	-.155	.030	-.069	-.303	260	859	-.092	.024	-.010	-.207	260	950	-.891	.212	-.314	-1.661
260	810	-.173	.036	-.069	-.378	260	901	-.723	.227	-.187	-1.726	260	951	-.749	.165	-.281	-1.364
260	811	-.131	.024	-.056	-.259	260	902	-.558	.162	-.189	-1.186	260	952	-.610	.193	-.161	-1.439
260	812	-.131	.027	-.040	-.294	260	903	-.573	.171	-.112	-1.335	260	953	-.407	.154	-.144	-1.184
260	813	-.126	.028	-.035	-.257	260	904	-.512	.155	-.017	-1.235	260	954	-.274	.092	-.046	-1.120
260	814	-.124	.035	-.021	-.285	260	905	-.400	.141	.029	-1.255	260	955	-.226	.068	.012	-.779
260	815	-.199	.065	-.036	-.642	260	906	-.312	.119	.029	-.903	260	956	-.244	.059	-.025	-.622
260	816	-.203	.057	-.015	-.465	260	907	-.295	.109	.027	-.932	260	957	-.211	.054	-.030	-.520
260	817	-.181	.036	-.086	-.353	260	908	-.274	.101	.004	-.885	260	958	-.058	.038	.229	-.217
260	818	-.156	.027	-.056	-.268	260	909	-.606	.139	-.115	-1.117	260	959	-.061	.037	.137	-.166
260	819	-.128	.023	-.046	-.226	260	910	-.566	.156	-.146	-1.134	260	960	-.066	.040	.176	-.185
260	820	-.131	.027	-.037	-.276	260	911	-.569	.152	-.186	-1.163	260	961	-.104	.033	.037	-.224
260	821	-.039	.034	.112	-.164	260	912	-.500	.102	-.221	-.880	260	962	-.103	.026	-.007	-.210
260	822	-.102	.075	.266	-.391	260	913	-.379	.122	.005	-1.113	260	963	-.096	.055	.112	-.332
260	823	-.085	.044	.104	-.245	260	914	-.299	.109	.123	-1.012	260	964	-.089	.046	.146	-.246
260	824	-.172	.032	-.068	-.351	260	915	-.277	.085	-.084	-.771	260	965	-.091	.027	.012	-.197
260	825	-.159	.026	-.072	-.292	260	916	-.283	.088	-.004	-.723	260	966	.185	.101	.605	-.088
260	826	.020	.060	.359	-.133	260	917	-.614	.163	-.071	-1.259	260	967	-.094	.045	.105	-.256
260	827	.045	.057	.337	-.138	260	918	-.517	.143	-.129	-1.105	260	968	-.075	.031	.093	-.205
260	828	-.132	.025	-.020	-.238	260	919	-.274	.095	-.048	-.715	260	969	.100	.105	.595	-.183
260	829	.241	.119	.777	-.056	260	920	-.256	.092	.017	-.838	260	970	-.072	.033	.071	-.402
260	830	-.160	.035	-.049	-.325	260	921	-.656	.184	-.101	-1.428	260	971	-.104	.026	-.017	-.195
260	831	-.146	.028	-.044	-.266	260	922	-.443	.129	-.101	-.933	260	972	-.101	.025	-.020	-.283
260	832	-.023	.059	.206	-.271	260	923	-.313	.087	-.062	-.699	260	973	.298	.141	.922	-.071
260	833	.011	.052	.240	-.159	260	924	-.388	.131	.056	-.924	260	974	-.088	.040	.154	-.229
260	834	-.189	.066	.022	-.460	260	925	-.308	.107	.044	-.970	260	975	-.089	.029	.039	-.297
260	835	-.131	.045	.020	-.351	260	926	-.287	.082	.007	-.702	260	976	-.086	.027	.019	-.202
260	836	-.124	.027	.020	-.231	260	927	-.264	.075	-.064	-.665	260	977	-.106	.023	-.024	-.207
260	837	-.134	.063	.118	-.393	260	928	-.236	.124	.388	-.731	260	978	-.101	.027	-.015	-.241
260	838	-.118	.070	.096	-.465	260	929	-.610	.130	-.260	-1.197	260	979	-.208	.046	-.095	-.469
260	839	-.129	.060	.089	-.434	260	930	-.316	.088	-.098	-.789	260	980	-.179	.031	-.090	-.312

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	981	-.179	.031	-.099	-.331	270	145	-.102	.021	-.029	-.196	270	225	-.187	.051	.116	-.458
260	982	-.158	.025	-.076	-.266	270	146	-.101	.028	.020	-.327	270	226	-.176	.053	.060	-.421
260	983	-.196	.042	-.084	-.391	270	147	-.141	.043	.035	-.471	270	227	-.168	.065	.127	-.533
260	984	-.168	.029	-.079	-.306	270	148	-.119	.020	-.050	-.215	270	228	-.161	.068	.128	-.566
260	985	-.171	.029	-.086	-.276	270	149	-.123	.023	-.038	-.238	270	229	-.168	.085	.100	-.979
260	986	-.148	.022	-.082	-.235	270	150	-.167	.056	-.028	-.427	270	230	-.284	.154	.110	-1.122
270	101	-.306	.079	-.055	-.747	270	151	-.167	.047	-.020	-.331	270	231	-.242	.102	.138	-.726
270	102	-.686	.160	-.212	-1.255	270	152	-.132	.021	-.050	-.215	270	232	-.190	.063	.167	-.502
270	103	-.339	.109	-.025	-.743	270	153	-.139	.022	-.063	-.238	270	233	-.162	.049	.105	-.385
270	104	-.278	.074	-.035	-.822	270	154	-.124	.026	-.023	-.233	270	234	-.143	.047	.105	-.363
270	105	-.560	.205	.012	-1.389	270	155	-.137	.035	.018	-.313	270	235	-.148	.062	.069	-.528
270	106	-.190	.044	-.017	-.369	270	156	-.154	.066	.010	-.609	270	236	-.143	.066	.131	-.553
270	107	-.183	.035	-.048	-.385	270	157	-.147	.053	-.023	-.506	270	237	-.144	.066	.105	-.539
270	108	-.212	.054	-.041	-.783	270	158	-.097	.043	.048	-.316	270	238	-.208	.096	.027	-.863
270	109	-.281	.097	-.075	-.826	270	159	-.126	.041	.003	-.399	270	239	-.202	.082	.050	-.727
270	110	-.429	.164	-.095	-1.121	270	160	-.142	.019	-.066	-.202	270	240	-.173	.046	.018	-.402
270	111	-.777	.218	-.245	-1.583	270	161	-.140	.020	-.073	-.225	270	241	-.162	.032	.010	-.279
270	112	-.207	.052	-.041	-.532	270	162	-.125	.036	-.012	-.321	270	242	-.152	.034	-.006	-.332
270	113	-.173	.043	-.017	-.506	270	163	-.092	.035	.099	-.227	270	243	-.152	.046	.030	-.520
270	114	-.194	.082	-.002	-.866	270	164	-.108	.027	.018	-.243	270	244	-.150	.046	.029	-.426
270	115	-.304	.152	-.032	-1.092	270	165	-.101	.023	.018	-.159	270	245	-.150	.047	.048	-.466
270	116	-.609	.235	-.058	-1.352	270	166	-.097	.027	.074	-.174	270	246	-.171	.045	-.035	-.416
270	117	-.707	.186	-.228	-1.436	270	167	-.118	.026	.000	-.210	270	247	-.168	.047	-.022	-.486
270	118	-.185	.072	.076	-.579	270	168	-.076	.021	.010	-.147	270	248	-.160	.033	-.057	-.340
270	119	-.167	.071	.090	-.603	270	169	-.137	.033	.036	-.326	270	249	-.153	.026	-.079	-.281
270	120	-.214	.118	.059	-.928	270	170	-.090	.029	.036	-.190	270	250	-.150	.023	-.069	-.246
270	121	-.342	.192	.006	-1.136	270	201	-.304	.085	-.080	-.770	270	251	-.152	.027	-.042	-.286
270	122	-.540	.207	-.010	-1.631	270	202	-.333	.100	-.051	-.816	270	252	-.150	.027	-.059	-.259
270	123	-.619	.185	-.108	-1.452	270	203	-.313	.099	-.098	-.821	270	253	-.149	.027	-.047	-.351
270	124	-.159	.061	.084	-.571	270	204	-.273	.069	-.070	-.620	270	254	-.220	.058	-.059	-.573
270	125	-.150	.060	.108	-.541	270	205	-.315	.098	-.092	-.816	270	255	-.201	.048	-.101	-.575
270	126	-.190	.105	.074	-.899	270	206	-.276	.109	-.048	-.966	270	256	-.192	.040	-.087	-.386
270	127	-.304	.175	-.002	-1.076	270	207	-.264	.093	-.040	-.690	270	257	-.160	.026	-.067	-.301
270	128	-.451	.194	-.036	-1.343	270	208	-.247	.076	-.051	-.868	270	258	-.155	.022	-.077	-.244
270	129	-.566	.178	-.064	-1.402	270	209	-.229	.055	-.047	-.525	270	259	-.156	.024	-.082	-.276
270	130	-.162	.044	.118	-.486	270	210	-.197	.044	-.054	-.666	270	260	-.158	.027	-.072	-.316
270	131	-.141	.041	.048	-.514	270	211	-.170	.046	-.002	-.467	270	261	-.152	.027	-.064	-.309
270	132	-.156	.063	.085	-.629	270	212	-.168	.052	.047	-.433	270	262	-.140	.021	-.061	-.237
270	133	-.222	.112	-.010	-.968	270	213	-.169	.050	-.010	-.494	270	263	-.134	.021	-.051	-.193
270	134	-.378	.168	-.051	-1.245	270	214	-.295	.128	-.011	-1.183	270	264	-.132	.018	-.069	-.199
270	135	-.472	.148	-.150	-1.257	270	215	-.269	.086	-.031	-.784	270	265	-.131	.019	-.056	-.201
270	136	-.155	.029	-.052	-.315	270	216	-.246	.064	-.044	-.519	270	266	-.114	.027	-.018	-.209
270	137	-.128	.027	-.015	-.362	270	217	-.227	.056	-.057	-.481	270	267	-.136	.025	-.023	-.232
270	138	-.122	.033	.085	-.360	270	218	-.205	.048	-.063	-.397	270	268	-.181	.040	-.046	-.341
270	139	-.131	.048	.023	-.504	270	219	-.199	.054	-.047	-.626	270	269	-.142	.019	-.069	-.224
270	140	-.214	.111	-.005	-.990	270	220	-.192	.058	-.014	-.951	270	270	-.131	.031	.109	-.232
270	141	-.317	.125	.053	-1.482	270	221	-.194	.055	-.025	-.626	270	271	-.106	.042	.120	-.209
270	142	-.157	.026	-.074	-.293	270	222	-.327	.161	.077	-1.227	270	272	-.078	.048	.153	-.219
270	143	-.127	.023	-.044	-.221	270	223	-.274	.094	.014	-.700	270	273	-.123	.017	-.061	-.183
270	144	-.115	.023	-.029	-.211	270	224	-.214	.060	.133	-.570	270	274	-.139	.019	-.061	-.201

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	275	-.135	.018	-.066	-.204
270	276	-.135	.018	-.074	-.211
270	277	-.138	.021	-.056	-.211
270	301	-.600	.170	-.075	-1.187
270	302	-.348	.130	-.029	-1.109
270	303	-.399	.115	-.082	-1.035
270	304	-.482	.159	-.079	-1.247
270	305	-.360	.127	-.095	-.988
270	306	-.438	.143	-.092	-1.189
270	307	-.440	.131	-.127	-1.175
270	308	-.440	.125	-.116	-.932
270	309	-.385	.126	-.029	-1.152
270	310	-.307	.108	.003	-.761
270	311	-.297	.103	-.032	-.894
270	312	-.410	.125	-.095	-1.133
270	313	-.411	.123	-.129	-.996
270	314	-.442	.138	.035	-1.025
270	315	-.375	.116	.046	-.922
270	316	-.310	.099	-.013	-.742
270	317	-.308	.113	.043	-.827
270	318	-.390	.134	-.079	-1.225
270	319	-.408	.133	-.015	-1.128
270	320	-.422	.142	.009	-1.154
270	321	-.373	.125	.087	-1.028
270	322	-.319	.111	.062	-.797
270	323	-.346	.143	-.007	-.940
270	324	-.443	.157	-.111	-1.467
270	325	-.452	.160	-.102	-1.366
270	326	-.429	.151	-.015	-1.149
270	327	-.374	.146	.091	-.964
270	328	-.305	.122	.186	-.832
270	329	-.306	.149	.083	-1.077
270	330	-.472	.149	-.160	-1.250
270	331	-.452	.144	-.132	-1.390
270	332	-.390	.142	-.002	-1.249
270	333	-.295	.122	.054	-.922
270	334	-.229	.097	.040	-.758
270	335	-.204	.068	-.028	-.687
270	336	-.390	.134	-.082	-1.183
270	337	-.335	.134	.017	-1.146
270	338	-.214	.111	.111	-.975
270	339	-.159	.080	.079	-.602
270	340	-.143	.059	.163	-.488
270	341	-.168	.041	.005	-.416
270	342	-.168	.064	.000	-.718
270	343	-.130	.056	.040	-.423
270	344	-.111	.044	.052	-.525
270	345	-.117	.033	.050	-.317
270	346	-.124	.028	.000	-.295
270	347	-.185	.038	-.069	-.369
270	348	-.137	.041	-.046	-.336
270	349	-.183	.043	-.020	-.425
270	401	.304	.239	.872	-.656
270	402	.151	.230	.923	-.709
270	403	-.175	.196	.612	-.814
270	404	-.207	.187	.685	-.671
270	405	-.279	.129	.281	-.770
270	406	-.741	.243	.003	-1.589
270	407	.080	.170	.699	-.609
270	408	.242	.157	.744	-.228
270	409	.260	.151	.741	-.263
270	410	.243	.145	.711	-.297
270	411	.211	.134	.626	-.181
270	412	-.081	.115	.324	-.524
270	413	-.482	.142	-.144	-1.180
270	414	-.792	.262	.199	-1.908
270	415	.050	.171	.729	-.471
270	416	.364	.168	1.007	-.030
270	417	.432	.182	.999	-.017
270	418	.419	.173	1.008	-.065
270	419	.322	.156	.791	-.160
270	420	-.067	.117	.351	-.574
270	421	-.440	.143	-.134	-1.371
270	422	-.662	.221	-.020	-1.784
270	423	-.080	.158	.579	-.530
270	424	.267	.151	.965	-.116
270	425	.317	.163	.936	-.059
270	426	.331	.161	.900	-.058
270	427	.242	.159	.737	-.152
270	428	-.144	.122	.277	-.623
270	429	-.421	.158	-.035	-1.395
270	430	-.593	.222	.012	-1.789
270	431	-.120	.133	.466	-.608
270	432	.141	.114	.657	-.132
270	433	.201	.124	.776	-.085
270	434	.209	.131	.680	-.158
270	435	.139	.128	.700	-.172
270	436	-.178	.132	.360	-.842
270	437	-.494	.178	-.135	-1.458
270	438	-.521	.190	.032	-1.580
270	439	-.154	.097	.215	-.585
270	440	.043	.076	.424	-.204
270	441	.080	.074	.358	-.130
270	442	.081	.089	.537	-.141
270	443	.022	.085	.478	-.227
270	444	-.225	.107	.143	-.762
270	445	-.475	.162	-.092	-1.228
270	446	-.328	.144	.120	-1.695
270	447	-.105	.067	.210	-.465
270	448	-.932	.048	.238	-.262
270	449	-.022	.040	.167	-.156
270	450	-.025	.040	.174	-.168
270	451	-.050	.048	.259	-.198
270	452	-.200	.070	.060	-.557
270	453	-.418	.135	-.116	-1.215
270	454	-.158	.048	.006	-.406
270	455	-.094	.038	.038	-.249
270	456	-.065	.032	.090	-.193
270	457	.004	.040	.194	-.099
270	458	-.030	.034	.142	-.138
270	459	-.116	.034	.038	-.267
270	460	-.160	.046	-.019	-.366
270	461	-.176	.054	-.020	-.428
270	462	.120	.085	.534	-.081
270	463	.085	.077	.478	-.076
270	464	-.259	.059	-.102	-.657
270	465	-.123	.049	.038	-.478
270	466	-.100	.038	.038	-.466
270	467	-.213	.094	.054	-.700
270	468	-.109	.021	-.044	-.201
270	469	-.101	.015	-.053	-.156
270	470	-.107	.020	-.039	-.177
270	471	-.117	.029	-.032	-.282
270	472	-.078	.029	.042	-.254
270	473	-.109	.041	.045	-.232
270	474	-.115	.035	-.001	-.323
270	475	-.113	.040	.002	-.382
270	476	-.106	.045	.026	-.327
270	477	-.093	.024	.004	-.194
270	478	-.095	.024	-.013	-.208
270	479	-.074	.024	.035	-.165
270	480	-.106	.051	.121	-.265
270	481	-.081	.033	.095	-.220
270	482	-.076	.031	.066	-.220
270	483	-.079	.023	-.001	-.158
270	484	-.080	.023	-.013	-.163
270	485	-.083	.022	-.020	-.165
270	486	-.104	.031	-.017	-.230
270	487	-.067	.022	.014	-.139
270	801	-.155	.026	-.064	-.276
270	802	-.147	.023	-.076	-.237
270	803	-.128	.020	-.045	-.212
270	804	-.117	.017	-.038	-.179
270	805	-.100	.016	-.050	-.158
270	806	-.092	.026	.002	-.367
270	807	-.132	.039	-.037	-.399
270	808	-.131	.034	-.012	-.374
270	809	-.144	.023	-.074	-.268
270	810	-.154	.027	-.067	-.292
270	811	-.130	.021	-.055	-.236

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	812	-.119	.020	-.050	-.196	270	903	-.449	.170	-.071	-1.130	270	953	-.448	.138	-.079	-1.019
270	813	-.109	.022	-.022	-.203	270	904	-.321	.112	-.061	-.938	270	954	-.384	.133	.075	-1.005
270	814	-.100	.026	.002	-.285	270	905	-.251	.066	-.055	-.637	270	955	-.311	.122	.056	-.929
270	815	-.133	.042	-.004	-.504	270	906	-.221	.058	-.040	-.615	270	956	-.283	.109	.025	-.987
270	816	-.137	.038	-.007	-.336	270	907	-.202	.051	-.024	-.411	270	957	-.284	.109	-.024	-.884
270	817	-.157	.030	-.078	-.339	270	908	-.164	.050	.013	-.363	270	958	-.071	.034	.160	-.170
270	818	-.148	.023	-.066	-.244	270	909	-.548	.156	.093	-1.215	270	959	-.079	.036	.078	-.204
270	819	-.124	.022	-.030	-.225	270	910	-.356	.138	-.060	-1.155	270	960	-.075	.034	.175	-.175
270	820	-.115	.024	-.028	-.253	270	911	-.507	.140	-.120	-1.026	270	961	-.103	.028	.080	-.202
270	821	-.041	.031	.118	-.135	270	912	-.373	.100	-.161	-.792	270	962	-.111	.024	-.017	-.231
270	822	-.068	.050	.178	-.260	270	913	-.274	.067	-.053	-.662	270	963	-.123	.045	.092	-.313
270	823	-.069	.034	.086	-.205	270	914	-.231	.054	-.024	-.470	270	964	-.096	.033	.075	-.199
270	824	-.152	.024	-.080	-.277	270	915	-.173	.047	.019	-.490	270	965	-.103	.027	.002	-.211
270	825	-.147	.021	-.085	-.237	270	916	-.198	.052	-.019	-.450	270	966	.086	.080	.663	-.075
270	826	.002	.048	.257	-.130	270	917	-.565	.166	.033	-1.179	270	967	-.108	.035	.024	-.233
270	827	.016	.047	.252	-.099	270	918	-.534	.132	-.027	-1.153	270	968	-.082	.029	.104	-.233
270	828	-.136	.020	-.068	-.213	270	919	-.202	.053	.058	-.541	270	969	.035	.077	.505	-.175
270	829	.136	.098	.763	-.059	270	920	-.172	.055	.037	-.578	270	970	-.084	.032	.032	-.325
270	830	-.155	.025	-.061	-.253	270	921	-.578	.152	-.031	-1.312	270	971	-.108	.027	-.002	-.228
270	831	-.149	.024	-.068	-.268	270	922	-.341	.106	-.050	-.817	270	972	-.112	.024	-.024	-.228
270	832	-.036	.045	.188	-.186	270	923	-.286	.078	.006	-.650	270	973	.152	.115	.874	-.095
270	833	-.019	.042	.157	-.127	270	924	-.329	.128	.137	-.811	270	974	-.092	.036	.112	-.209
270	834	-.177	.048	-.042	-.415	270	925	-.269	.104	.102	-.824	270	975	-.099	.026	.005	-.267
270	835	-.139	.034	-.016	-.356	270	926	-.242	.061	-.047	-.525	270	976	-.095	.028	.005	-.202
270	836	-.125	.020	-.051	-.194	270	927	-.203	.048	-.016	-.420	270	977	-.114	.024	-.046	-.294
270	837	-.144	.047	.058	-.355	270	928	-.166	.127	.465	-.594	270	978	-.117	.031	.022	-.219
270	838	-.132	.052	.053	-.466	270	929	-.554	.117	-.199	-1.022	270	979	-.164	.028	-.085	-.303
270	839	-.129	.048	.034	-.355	270	930	-.306	.089	-.087	-.749	270	980	-.151	.024	-.082	-.303
270	840	-.127	.046	.059	-.322	270	931	-.309	.133	.150	-.873	270	981	-.156	.022	-.073	-.241
270	841	-.220	.059	-.078	-.626	270	932	-.239	.119	.176	-.750	270	982	-.145	.021	-.077	-.229
270	842	-.153	.029	-.059	-.339	270	933	-.280	.078	-.037	-.662	270	983	-.167	.031	-.042	-.330
270	843	-.106	.030	.033	-.222	270	934	-.271	.082	-.029	-.712	270	984	-.150	.023	-.061	-.256
270	844	-.123	.041	.045	-.385	270	935	-.542	.178	-.021	-1.318	270	985	-.154	.022	-.089	-.249
270	845	-.121	.042	.046	-.324	270	936	-.378	.111	-.096	-.953	270	986	-.143	.019	-.075	-.220
270	846	-.140	.055	.023	-.530	270	937	-.300	.086	.024	-.661	280	101	-.281	.067	-.063	-.601
270	847	-.152	.048	-.008	-.419	270	938	-.490	.156	-.013	-1.184	280	102	-.580	.171	.120	-1.142
270	848	-.151	.053	-.018	-.407	270	939	-.427	.128	-.024	-1.134	280	103	-.174	.078	.072	-.548
270	849	-.222	.051	-.079	-.530	270	940	-.270	.093	.039	-.717	280	104	-.257	.057	-.074	-.477
270	850	-.155	.039	-.057	-.306	270	941	-.266	.100	-.016	-.738	280	105	-.291	.210	.440	-1.043
270	851	-.116	.027	.003	-.268	270	942	-.529	.117	-.181	-.992	280	106	-.210	.039	-.074	-.339
270	852	-.116	.024	-.028	-.196	270	943	-.409	.109	-.120	-.894	280	107	-.185	.036	-.046	-.320
270	853	-.110	.040	.012	-.392	270	944	-.464	.135	-.117	-1.059	280	108	-.180	.038	-.051	-.422
270	854	-.128	.056	.054	-.462	270	945	-.440	.132	-.010	-1.088	280	109	-.180	.047	-.014	-.375
270	855	-.143	.053	.003	-.471	270	946	-.360	.081	-.107	-.699	280	110	-.206	.073	-.020	-.808
270	856	-.143	.046	.021	-.374	270	947	-.291	.101	.045	-.801	280	111	-.528	.175	-.042	-1.260
270	857	-.049	.055	.197	-.230	270	948	-.273	.102	.027	-.841	280	112	-.228	.049	-.090	-.388
270	858	-.090	.027	.016	-.194	270	949	-.264	.099	.003	-.763	280	113	-.150	.030	-.038	-.260
270	859	-.082	.024	.012	-.170	270	950	-.515	.174	-.127	-1.339	280	114	-.117	.038	.022	-.305
270	901	-.735	.233	.006	-1.758	270	951	-.404	.119	-.105	-1.136	280	115	-.112	.051	.119	-.446
270	902	-.622	.163	-.195	-1.372	270	952	-.458	.147	-.107	-1.305	280	116	-.230	.195	.163	-1.006

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	117	-.503	.169	.069	-1.192	280	167	-.114	.030	-.003	-.233	280	247	-.203	.063	.058	-.594
280	118	-.235	.048	-.005	-.414	280	168	-.070	.021	-.030	-.151	280	248	-.200	.064	.097	-.572
280	119	-.160	.033	-.022	-.275	280	169	-.124	.032	-.010	-.256	280	249	-.178	.047	.035	-.465
280	120	-.126	.038	.080	-.401	280	170	-.089	.029	.040	-.233	280	250	-.175	.048	-.026	-.480
280	121	-.128	.068	.126	-.638	280	201	-.336	.082	-.116	-.730	280	251	-.176	.048	-.016	-.448
280	122	-.279	.204	.145	-1.087	280	202	-.366	.102	-.112	-1.000	280	252	-.175	.049	-.011	-.472
280	123	-.498	.193	.200	-1.263	280	203	-.357	.096	-.140	-.840	280	253	-.168	.043	.001	-.374
280	124	-.201	.051	-.009	-.574	280	204	-.307	.065	-.122	-.586	280	254	-.237	.077	-.080	-.698
280	125	-.156	.034	-.020	-.273	280	205	-.354	.092	-.096	-.727	280	255	-.222	.065	-.074	-.550
280	126	-.137	.037	.029	-.404	280	206	-.322	.096	-.085	-.736	280	256	-.201	.056	-.060	-.470
280	127	-.141	.053	.042	-.568	280	207	-.304	.076	-.076	-.631	280	257	-.179	.038	-.065	-.364
280	128	-.249	.152	.089	-.999	280	208	-.281	.064	-.065	-.554	280	258	-.176	.040	-.048	-.333
280	129	-.466	.175	-.001	-1.220	280	209	-.247	.046	-.051	-.430	280	259	-.182	.049	-.024	-.502
280	130	-.187	.049	.020	-.474	280	210	-.211	.040	-.068	-.369	280	260	-.176	.047	-.031	-.448
280	131	-.145	.034	-.001	-.373	280	211	-.190	.037	-.057	-.325	280	261	-.177	.048	-.042	-.414
280	132	-.129	.035	-.001	-.275	280	212	-.190	.041	-.025	-.417	280	262	-.161	.026	-.071	-.290
280	133	-.129	.044	.009	-.416	280	213	-.185	.041	-.040	-.355	280	263	-.157	.029	-.058	-.262
280	134	-.189	.100	.025	-.799	280	214	-.334	.097	-.090	-.798	280	264	-.152	.024	-.066	-.239
280	135	-.360	.124	.059	-.913	280	215	-.295	.063	-.105	-.550	280	265	-.151	.024	-.063	-.240
280	136	-.175	.050	.002	-.492	280	216	-.268	.052	-.122	-.514	280	266	-.144	.030	-.033	-.288
280	137	-.138	.037	-.013	-.333	280	217	-.250	.047	-.103	-.529	280	267	-.155	.029	-.005	-.373
280	138	-.122	.034	.017	-.294	280	218	-.224	.038	-.109	-.417	280	268	-.150	.032	-.013	-.280
280	139	-.113	.041	.097	-.401	280	219	-.211	.037	-.090	-.377	280	269	-.158	.026	-.078	-.257
280	140	-.117	.062	.112	-.550	280	220	-.211	.040	-.076	-.355	280	270	-.163	.027	-.051	-.270
280	141	-.194	.098	.210	-.731	280	221	-.206	.036	-.085	-.339	280	271	-.150	.028	.038	-.275
280	142	-.177	.048	.014	-.413	280	222	-.361	.121	.042	-.997	280	272	-.139	.032	-.005	-.305
280	143	-.140	.027	-.049	-.264	280	223	-.273	.070	-.027	-.566	280	273	-.135	.025	-.028	-.227
280	144	-.127	.025	-.039	-.289	280	224	-.243	.052	.010	-.445	280	274	-.156	.025	-.056	-.257
280	145	-.111	.024	-.032	-.208	280	225	-.237	.048	-.053	-.487	280	275	-.154	.026	-.038	-.288
280	146	-.102	.028	.005	-.254	280	226	-.228	.044	-.106	-.417	280	276	-.158	.026	-.076	-.275
280	147	-.121	.044	.063	-.352	280	227	-.216	.046	-.080	-.501	280	277	-.162	.031	-.083	-.310
280	148	-.129	.023	-.048	-.218	280	228	-.215	.048	-.024	-.461	280	301	-.464	.116	-.117	-1.036
280	149	-.125	.026	-.033	-.294	280	229	-.212	.046	-.053	-.471	280	302	-.339	.107	-.020	-.952
280	150	-.159	.062	.050	-.522	280	230	-.353	.140	-.021	-1.105	280	303	-.345	.097	-.058	-.826
280	151	-.127	.034	.057	-.449	280	231	-.255	.084	.186	-.670	280	304	-.382	.111	-.114	-1.005
280	152	-.154	.027	-.063	-.261	280	232	-.212	.055	.068	-.512	280	305	-.346	.103	-.082	-1.029
280	153	-.153	.027	-.060	-.296	280	233	-.199	.047	.085	-.374	280	306	-.286	.062	-.084	-.698
280	154	-.119	.029	-.020	-.294	280	234	-.195	.045	-.004	-.434	280	307	-.289	.064	-.124	-.674
280	155	-.129	.038	-.008	-.304	280	235	-.190	.051	.029	-.571	280	308	-.318	.068	-.114	-.758
280	156	-.131	.061	-.003	-.590	280	236	-.183	.052	.054	-.481	280	309	-.323	.077	-.111	-1.011
280	157	-.119	.033	-.010	-.336	280	237	-.181	.051	.015	-.597	280	310	-.321	.075	-.033	-.670
280	158	-.114	.032	.032	-.246	280	238	-.312	.131	.047	-1.091	280	311	-.322	.082	-.090	-.780
280	159	-.112	.032	.052	-.306	280	239	-.258	.095	.170	-.726	280	312	-.284	.058	-.072	-.606
280	160	-.160	.028	-.048	-.269	280	240	-.209	.062	.181	-.454	280	313	-.288	.066	-.087	-.691
280	161	-.162	.030	-.030	-.299	280	241	-.189	.046	.048	-.400	280	314	-.301	.069	-.122	-.670
280	162	-.112	.030	-.015	-.269	280	242	-.179	.047	.015	-.428	280	315	-.313	.065	-.082	-.664
280	163	-.098	.030	.032	-.203	280	243	-.176	.052	-.001	-.478	280	316	-.315	.064	-.112	-.550
280	164	-.103	.028	.065	-.201	280	244	-.171	.053	.027	-.429	280	317	-.343	.086	-.114	-.802
280	165	-.099	.025	.017	-.183	280	245	-.166	.054	.046	-.411	280	318	-.281	.081	-.092	-1.065
280	166	-.088	.027	.037	-.166	280	246	-.211	.072	.117	-.624	280	319	-.291	.086	-.063	-1.189

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	320	-.311	.091	-.060	-.881	280	421	-.286	.052	-.102	-.602	280	471	-.099	.024	-.017	-.218
280	321	-.324	.087	-.120	-.763	280	422	-.517	.261	.357	-1.493	280	472	-.087	.025	.024	-.246
280	322	-.332	.079	-.095	-.704	280	423	.164	.185	.759	-.528	280	473	-.095	.037	.052	-.223
280	323	-.367	.107	-.128	-.921	280	424	.342	.171	.956	-.061	280	474	-.105	.031	.012	-.265
280	324	-.300	.092	-.007	-.845	280	425	.333	.159	.782	-.070	280	475	-.109	.039	.065	-.301
280	325	-.319	.104	-.044	-1.173	280	426	.282	.143	.820	-.106	280	476	-.102	.044	.095	-.429
280	326	-.337	.115	-.072	-1.027	280	427	.145	.119	.633	-.189	280	477	-.093	.025	.021	-.192
280	327	-.331	.102	-.042	-.834	280	428	-.192	.083	.155	-.747	280	478	-.089	.025	.014	-.204
280	328	-.337	.093	-.076	-.736	280	429	-.281	.085	-.050	-1.247	280	479	-.082	.020	-.014	-.168
280	329	-.372	.124	-.042	-1.013	280	430	-.463	.259	.523	-1.565	280	480	-.092	.048	.099	-.251
280	330	-.350	.112	-.047	-1.061	280	431	.036	.136	.645	-.483	280	481	-.091	.028	.028	-.199
280	331	-.367	.116	-.093	-.949	280	432	.193	.125	.734	-.111	280	482	-.073	.028	.057	-.166
280	332	-.386	.125	-.025	-1.166	280	433	.200	.125	.806	-.090	280	483	-.074	.023	.050	-.149
280	333	-.356	.121	-.028	-1.057	280	434	.141	.101	.635	-.160	280	484	-.075	.023	.026	-.140
280	334	-.316	.102	-.008	-.790	280	435	.043	.091	.557	-.247	280	485	-.098	.026	-.031	-.230
280	335	-.318	.107	-.040	-.867	280	436	-.219	.089	.102	-.656	280	486	-.082	.021	-.012	-.152
280	336	-.372	.135	-.052	-1.486	280	437	-.303	.111	-.042	-1.347	280	487	-.078	.020	.006	-.147
280	337	-.358	.130	-.079	-1.280	280	438	-.356	.190	.198	-1.161	280	801	-.181	.050	-.051	-.404
280	338	-.325	.135	.140	-1.088	280	439	-.934	.097	.385	-.385	280	802	-.185	.036	-.030	-.328
280	339	-.271	.122	.191	-1.208	280	440	.063	.078	.448	-.142	280	803	-.143	.026	.003	-.229
280	340	-.225	.095	.066	-.813	280	441	.058	.062	.295	-.102	280	804	-.128	.021	-.055	-.215
280	341	-.212	.073	.081	-.661	280	442	.034	.068	.411	-.146	280	805	-.110	.015	-.058	-.162
280	342	-.205	.078	.039	-.651	280	443	-.040	.059	.284	-.226	280	806	-.103	.024	-.032	-.252
280	343	-.166	.070	.041	-.560	280	444	-.259	.088	.070	-.912	280	807	-.117	.031	-.027	-.277
280	344	-.149	.066	.046	-.491	280	445	-.372	.130	-.054	-1.171	280	808	-.130	.036	.010	-.319
280	345	-.150	.055	.041	-.489	280	446	-.186	.121	.207	-.787	280	809	-.162	.036	-.054	-.349
280	346	-.150	.044	.059	-.504	280	447	-.049	.060	.223	-.398	280	810	-.172	.050	-.047	-.428
280	347	-.205	.057	.007	-.428	280	448	-.019	.047	.225	-.192	280	811	-.147	.026	-.058	-.268
280	348	-.168	.047	.062	-.429	280	449	-.026	.040	.204	-.175	280	812	-.132	.024	-.046	-.220
280	349	-.205	.054	-.015	-.484	280	450	-.045	.039	.165	-.182	280	813	-.116	.022	-.027	-.236
280	401	.423	.194	.923	-.480	280	451	-.082	.042	.150	-.251	280	814	-.103	.027	.007	-.261
280	402	.016	.176	.616	-.552	280	452	-.257	.076	-.022	-.670	280	815	-.112	.036	.008	-.284
280	403	-.048	.189	.686	-.549	280	453	-.391	.135	-.116	-1.195	280	816	-.121	.036	-.010	-.337
280	404	-.027	.195	.801	-.703	280	454	-.119	.050	.081	-.328	280	817	-.192	.056	-.037	-.588
280	405	-.249	.080	.093	-.591	280	455	-.085	.043	.057	-.345	280	818	-.175	.041	-.013	-.380
280	406	-.373	.213	.413	-1.372	280	456	-.079	.034	.057	-.200	280	819	-.121	.028	-.015	-.235
280	407	.292	.163	.831	-.349	280	457	-.024	.036	.140	-.143	280	820	-.107	.026	-.013	-.233
280	408	.305	.158	.807	-.186	280	458	-.044	.037	.116	-.150	280	821	-.052	.031	.086	-.153
280	409	.272	.143	.730	-.142	280	459	-.131	.035	.034	-.340	280	822	-.081	.050	.219	-.263
280	410	.232	.131	.697	-.206	280	460	-.191	.053	-.030	-.463	280	823	-.083	.036	.149	-.239
280	411	.155	.119	.578	-.255	280	461	-.210	.069	-.021	-.551	280	824	-.179	.046	-.048	-.469
280	412	-.137	.085	.248	-.442	280	462	.104	.085	.519	-.116	280	825	-.164	.033	-.071	-.286
280	413	-.293	.074	-.097	-.896	280	463	.082	.082	.459	-.126	280	826	-.022	.045	.196	-.162
280	414	-.454	.277	.757	-1.396	280	464	-.275	.070	-.104	-.550	280	827	-.004	.048	.221	-.147
280	415	.314	.181	.896	-.412	280	465	-.191	.052	.028	-.431	280	828	-.149	.028	-.048	-.254
280	416	.435	.172	.962	-.067	280	466	-.096	.033	.017	-.280	280	829	.112	.100	.578	-.091
280	417	.387	.169	.903	-.059	280	467	-.230	.098	-.024	-.952	280	830	-.174	.038	-.071	-.354
280	418	.354	.155	.836	-.084	280	468	-.114	.023	-.040	-.223	280	831	-.168	.032	-.080	-.321
280	419	.225	.130	.677	-.190	280	469	-.103	.015	-.050	-.149	280	832	-.051	.046	.198	-.206
280	420	-.126	.074	.179	-.409	280	470	-.109	.022	-.021	-.249	280	833	-.036	.041	.141	-.159

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	834	-.181	.055	-.055	-.483
280	835	-.152	.033	-.093	-.417
280	836	-.142	.026	.015	-.279
280	837	-.172	.049	.040	-.469
280	838	-.158	.058	.071	-.514
280	839	-.145	.049	.029	-.434
280	840	-.142	.046	.036	-.335
280	841	-.228	.080	-.011	-.644
280	842	-.175	.041	-.053	-.375
280	843	-.133	.039	.015	-.358
280	844	-.154	.050	-.015	-.669
280	845	-.157	.056	.024	-.444
280	846	-.181	.066	.024	-.523
280	847	-.185	.057	.017	-.440
280	848	-.189	.057	.047	-.479
280	849	-.237	.088	-.066	-.755
280	850	-.178	.044	-.046	-.481
280	851	-.143	.040	.075	-.437
280	852	-.151	.032	-.061	-.300
280	853	-.160	.067	.004	-.567
280	854	-.176	.074	.013	-.683
280	855	-.194	.062	.052	-.556
280	856	-.185	.060	-.029	-.481
280	857	-.102	.036	.081	-.239
280	858	-.085	.029	.043	-.173
280	859	-.081	.025	.019	-.174
280	901	-.397	.178	.181	-1.111
280	902	-.479	.112	-.151	-.994
280	903	-.286	.092	-.012	-.726
280	904	-.272	.093	-.001	-.807
280	905	-.289	.086	-.053	-.701
280	906	-.282	.070	-.082	-.539
280	907	-.230	.051	-.068	-.413
280	908	-.185	.042	-.006	-.386
280	909	-.422	.141	.130	-1.000
280	910	-.453	.114	-.109	-1.017
280	911	-.377	.106	-.062	-.810
280	912	-.282	.039	-.136	-.567
280	913	-.277	.063	-.069	-.583
280	914	-.264	.055	-.088	-.470
280	915	-.184	.038	-.057	-.315
280	916	-.208	.044	.019	-.378
280	917	-.505	.144	.008	-1.136
280	918	-.445	.112	-.113	-.990
280	919	-.232	.051	-.051	-.409
280	920	-.192	.043	-.032	-.377
280	921	-.405	.148	.157	-.954
280	922	-.198	.077	.047	-.575
280	923	-.280	.067	-.041	-.562
280	924	-.291	.111	.204	-.822
280	925	-.230	.091	.088	-.672
280	926	-.287	.069	-.069	-.594
280	927	-.225	.047	-.064	-.422
280	928	-.099	.123	.425	-.540
280	929	-.525	.110	-.212	-.959
280	930	-.358	.092	-.122	-.828
280	931	-.210	.101	.181	-.645
280	932	-.161	.094	.169	-.621
280	933	-.313	.077	-.082	-.667
280	934	-.281	.074	-.046	-.635
280	935	-.364	.104	-.059	-.930
280	936	-.342	.091	-.097	-.906
280	937	-.321	.081	-.082	-.744
280	938	-.326	.101	.045	-.844
280	939	-.282	.086	-.014	-.734
280	940	-.326	.094	-.006	-.757
280	941	-.306	.091	.010	-.841
280	942	-.378	.073	-.115	-.831
280	943	-.302	.065	-.115	-.672
280	944	-.323	.081	-.041	-.688
280	945	-.347	.088	.007	-1.023
280	946	-.334	.060	-.168	-.693
280	947	-.317	.088	-.091	-.990
280	948	-.326	.100	-.049	-.865
280	949	-.317	.094	-.055	-.796
280	950	-.299	.072	-.052	-.645
280	951	-.286	.088	-.059	-.910
280	952	-.303	.074	-.074	-.892
280	953	-.336	.090	-.079	-.923
280	954	-.340	.099	-.003	-1.036
280	955	-.330	.093	.005	-.942
280	956	-.329	.096	-.017	-.791
280	957	-.323	.093	-.012	-.778
280	958	-.057	.048	.235	-.207
280	959	-.088	.039	.185	-.212
280	960	-.079	.048	.231	-.463
280	961	-.108	.032	.093	-.275
280	962	-.115	.030	.086	-.248
280	963	-.154	.048	.077	-.417
280	964	-.090	.042	.146	-.227
280	965	-.104	.031	.048	-.292
280	966	.074	.080	.500	-.102
280	967	-.133	.043	.024	-.333
280	968	-.082	.035	.125	-.239
280	969	.023	.080	.442	-.159
280	970	-.118	.052	.081	-.419
280	971	-.107	.030	.021	-.234
280	972	-.107	.027	.009	-.183
280	973	.135	.115	.828	-.118
280	974	-.071	.045	.161	-.325
280	975	-.121	.037	-.012	-.340
280	976	-.100	.029	.002	-.191
280	977	-.115	.027	-.027	-.251
280	978	-.110	.027	-.005	-.263
280	979	-.181	.051	.040	-.488
280	980	-.165	.031	-.061	-.347
280	981	-.166	.035	-.053	-.349
280	982	-.156	.027	-.070	-.317
280	983	-.182	.048	-.027	-.621
280	984	-.163	.034	.147	-.328
280	985	-.175	.040	-.076	-.406
280	986	-.162	.028	-.066	-.284
290	101	-.189	.040	-.032	-.353
290	102	-.238	.232	.351	-1.093
290	103	-.030	.070	.183	-.287
290	104	-.171	.040	-.016	-.350
290	105	.033	.219	.568	-.885
290	106	-.208	.036	-.094	-.321
290	107	-.150	.044	.022	-.301
290	108	-.123	.053	.054	-.322
290	109	-.095	.064	.169	-.321
290	110	-.024	.069	.172	-.492
290	111	-.190	.156	.274	-.921
290	112	-.218	.035	-.114	-.360
290	113	-.091	.042	.064	-.210
290	114	-.034	.059	.185	-.205
290	115	.011	.078	.276	-.195
290	116	.046	.105	.397	-.500
290	117	-.114	.193	.523	-.850
290	118	-.227	.041	-.088	-.446
290	119	-.123	.042	.081	-.236
290	120	-.064	.058	.199	-.236
290	121	-.023	.076	.347	-.329
290	122	-.006	.116	.397	-.662
290	123	-.173	.202	.466	-1.009
290	124	-.233	.046	-.097	-.569
290	125	-.158	.043	.007	-.336
290	126	-.119	.046	.118	-.295
290	127	-.102	.054	.133	-.319
290	128	-.120	.087	.178	-.814
290	129	-.264	.156	.252	-.882
290	130	-.244	.064	-.071	-.691
290	131	-.165	.041	-.018	-.353
290	132	-.130	.042	.028	-.305
290	133	-.110	.047	.076	-.313
290	134	-.122	.071	.096	-.479
290	135	-.224	.108	.090	-.721
290	136	-.253	.082	-.071	-.601
290	137	-.159	.043	.000	-.362
290	138	-.125	.040	.022	-.340

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	139	-.104	.045	.154	-.342	290	219	-.214	.034	-.107	-.375	290	269	-.177	.022	-.092	-.278
290	140	-.098	.067	.289	-.550	290	220	-.211	.039	-.075	-.361	290	270	-.185	.023	-.092	-.289
290	141	-.125	.094	.230	-.567	290	221	-.211	.035	-.092	-.335	290	271	-.175	.024	-.048	-.266
290	142	-.216	.038	-.105	-.376	290	222	-.301	.088	-.076	-.866	290	272	-.161	.030	-.028	-.278
290	143	-.157	.023	-.080	-.281	290	223	-.242	.052	-.067	-.490	290	273	-.152	.020	-.074	-.243
290	144	-.138	.021	-.044	-.220	290	224	-.228	.044	-.023	-.380	290	274	-.166	.022	-.074	-.258
290	145	-.120	.020	-.046	-.208	290	225	-.235	.044	.005	-.528	290	275	-.161	.020	-.097	-.235
290	146	-.107	.024	-.014	-.215	290	226	-.236	.041	-.060	-.398	290	276	-.163	.020	-.097	-.250
290	147	-.108	.037	.057	-.369	290	227	-.223	.038	-.096	-.367	290	277	-.164	.026	-.094	-.355
290	148	-.140	.020	-.070	-.243	290	228	-.221	.041	-.079	-.373	290	301	-.397	.105	-.075	-.951
290	149	-.133	.022	-.045	-.213	290	229	-.215	.041	.018	-.459	290	302	-.323	.116	-.005	-1.080
290	150	-.135	.050	.113	-.368	290	230	-.320	.104	-.027	-.941	290	303	-.371	.118	-.071	-.865
290	151	-.144	.037	-.045	-.348	290	231	-.252	.063	-.062	-.570	290	304	-.374	.102	-.095	-.782
290	152	-.172	.025	-.068	-.289	290	232	-.228	.047	-.024	-.431	290	305	-.298	.095	-.044	-.909
290	153	-.172	.025	-.103	-.287	290	233	-.237	.050	-.003	-.575	290	306	-.223	.049	-.095	-.453
290	154	-.127	.027	-.025	-.271	290	234	-.246	.055	-.101	-.696	290	307	-.226	.047	-.082	-.566
290	155	-.128	.037	-.009	-.325	290	235	-.233	.052	-.068	-.469	290	308	-.249	.062	-.085	-.681
290	156	-.117	.044	-.002	-.599	290	236	-.226	.055	-.053	-.727	290	309	-.262	.065	-.065	-.692
290	157	-.129	.038	.003	-.332	290	237	-.222	.053	-.068	-.550	290	310	-.261	.061	-.047	-.544
290	158	-.126	.028	-.017	-.223	290	238	-.346	.106	-.082	-1.055	290	311	-.263	.064	-.068	-.673
290	159	-.119	.031	.011	-.269	290	239	-.284	.075	-.081	-.606	290	312	-.219	.044	-.062	-.411
290	160	-.172	.024	-.098	-.269	290	240	-.247	.055	-.057	-.525	290	313	-.224	.043	-.046	-.424
290	161	-.175	.023	-.108	-.297	290	241	-.246	.049	-.054	-.492	290	314	-.228	.044	-.084	-.509
290	162	-.111	.027	-.007	-.256	290	242	-.264	.075	-.081	-.749	290	315	-.238	.042	-.095	-.446
290	163	-.108	.028	-.004	-.192	290	243	-.258	.081	-.095	-1.157	290	316	-.257	.045	-.108	-.454
290	164	-.113	.026	-.009	-.215	290	244	-.247	.074	-.059	-.874	290	317	-.278	.059	-.105	-.580
290	165	-.106	.022	.011	-.170	290	245	-.254	.081	-.044	-.775	290	318	-.235	.050	-.084	-.659
290	166	-.091	.026	.021	-.177	290	246	-.251	.070	-.013	-.630	290	319	-.236	.051	-.077	-.461
290	167	-.107	.028	.029	-.190	290	247	-.231	.067	.000	-.548	290	320	-.239	.049	-.090	-.499
290	168	-.073	.021	.009	-.170	290	248	-.224	.071	-.029	-.574	290	321	-.261	.053	-.036	-.510
290	169	-.126	.031	.014	-.246	290	249	-.216	.055	-.052	-.469	290	322	-.282	.061	-.113	-.571
290	170	-.091	.025	.011	-.182	290	250	-.269	.076	-.047	-.695	290	323	-.306	.076	-.119	-.807
290	201	-.311	.082	-.070	-.784	290	251	-.282	.104	-.103	-.889	290	324	-.260	.060	-.063	-.600
290	202	-.289	.070	-.109	-.702	290	252	-.268	.098	-.081	-.912	290	325	-.267	.060	-.109	-.651
290	203	-.291	.062	-.121	-.628	290	253	-.279	.093	-.057	-.862	290	326	-.276	.066	-.093	-.617
290	204	-.294	.070	-.107	-.634	290	254	-.231	.063	-.074	-.708	290	327	-.296	.072	-.082	-.715
290	205	-.283	.064	-.109	-.645	290	255	-.219	.057	-.085	-.552	290	328	-.310	.071	-.125	-.625
290	206	-.254	.072	-.050	-.642	290	256	-.199	.050	-.074	-.452	290	329	-.337	.092	-.073	-.785
290	207	-.244	.061	-.039	-.571	290	257	-.200	.035	-.089	-.440	290	330	-.321	.073	-.145	-.826
290	208	-.237	.053	-.044	-.551	290	258	-.210	.038	-.091	-.391	290	331	-.329	.079	-.116	-1.256
290	209	-.237	.048	-.086	-.421	290	259	-.226	.042	-.106	-.425	290	332	-.341	.092	-.122	-.836
290	210	-.214	.038	-.075	-.384	290	260	-.220	.041	-.089	-.472	290	333	-.347	.093	-.068	-.825
290	211	-.205	.039	-.070	-.352	290	261	-.245	.053	-.114	-.557	290	334	-.339	.085	-.070	-.753
290	212	-.199	.042	-.063	-.345	290	262	-.175	.023	-.056	-.304	290	335	-.351	.086	-.142	-.719
290	213	-.200	.041	-.059	-.369	290	263	-.171	.021	-.104	-.284	290	336	-.344	.106	-.145	-1.110
290	214	-.277	.065	-.076	-.717	290	264	-.168	.021	-.104	-.256	290	337	-.344	.114	-.130	-1.125
290	215	-.252	.048	-.079	-.452	290	265	-.162	.020	-.087	-.255	290	338	-.336	.114	-.118	-1.040
290	216	-.243	.043	-.090	-.438	290	266	-.175	.032	-.066	-.353	290	339	-.311	.103	.048	-1.032
290	217	-.235	.039	-.103	-.399	290	267	-.180	.027	-.064	-.353	290	340	-.268	.084	.006	-.662
290	218	-.227	.037	-.110	-.407	290	268	-.169	.031	-.058	-.317	290	341	-.250	.064	-.060	-.613

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	342	-.241	.076	-.067	-.606	290	443	-.063	.053	.235	-.238	290	806	-.112	.022	-.036	-.266
290	343	-.191	.066	.026	-.537	290	444	-.263	.069	-.033	-.644	290	807	-.120	.026	-.027	-.299
290	344	-.190	.065	-.021	-.623	290	445	-.347	.098	-.108	-.989	290	808	-.124	.034	.017	-.286
290	345	-.182	.049	-.047	-.477	290	446	-.125	.107	.340	-.592	290	809	-.193	.032	-.087	-.354
290	346	-.183	.048	-.040	-.455	290	447	-.062	.050	.165	-.269	290	810	-.211	.039	-.100	-.409
290	347	-.213	.056	-.055	-.530	290	448	-.048	.045	.155	-.272	290	811	-.161	.021	-.097	-.249
290	348	-.194	.042	-.058	-.389	290	449	-.055	.038	.145	-.212	290	812	-.143	.019	-.093	-.217
290	349	-.215	.044	-.087	-.442	290	450	-.069	.037	.113	-.202	290	813	-.128	.021	-.046	-.238
290	401	.436	.181	.996	-.347	290	451	-.106	.040	.067	-.325	290	814	-.115	.025	-.034	-.282
290	402	.004	.136	.436	-.511	290	452	-.260	.073	-.078	-.983	290	815	-.115	.031	-.015	-.312
290	403	.130	.190	.682	-.520	290	453	-.362	.097	-.171	-.954	290	816	-.119	.033	.008	-.287
290	404	.218	.227	.877	-.463	290	454	-.105	.046	.096	-.315	290	817	-.227	.049	-.113	-.444
290	405	-.190	.078	.084	-.482	290	455	-.095	.036	.064	-.270	290	818	-.204	.033	-.095	-.387
290	406	.032	.188	.712	-.927	290	456	-.090	.028	.018	-.207	290	819	-.139	.023	-.038	-.223
290	407	.359	.175	.906	-.217	290	457	-.061	.032	.111	-.180	290	820	-.122	.023	-.043	-.216
290	408	.281	.146	.710	-.150	290	458	-.083	.029	.062	-.220	290	821	-.069	.027	.048	-.160
290	409	.187	.137	.611	-.223	290	459	-.157	.034	-.034	-.288	290	822	-.084	.043	.182	-.301
290	410	.142	.123	.559	-.214	290	460	-.214	.053	-.068	-.457	290	823	-.092	.028	.042	-.212
290	411	.089	.106	.421	-.294	290	461	-.251	.070	-.074	-.700	290	824	-.213	.045	-.106	-.647
290	412	-.169	.068	.137	-.439	290	462	.046	.084	.435	-.128	290	825	-.183	.029	-.102	-.333
290	413	-.227	.054	-.069	-.470	290	463	.027	.073	.387	-.161	290	826	-.056	.041	.178	-.210
290	414	.058	.272	.748	-.925	290	464	-.282	.069	-.097	-.652	290	827	-.049	.038	.196	-.233
290	415	.398	.179	1.060	-.201	290	465	-.087	.046	.057	-.619	290	828	-.164	.022	-.071	-.247
290	416	.380	.169	.924	-.070	290	466	-.111	.031	.023	-.340	290	829	-.037	.082	.383	-.159
290	417	.338	.160	.835	-.091	290	467	-.207	.093	-.021	-.711	290	830	-.190	.034	-.090	-.354
290	418	.255	.139	.754	-.124	290	468	-.117	.025	-.036	-.233	290	831	-.178	.027	-.104	-.394
290	419	.135	.113	.513	-.180	290	469	-.110	.016	-.031	-.166	290	832	-.084	.040	.122	-.261
290	420	-.147	.055	-.152	-.332	290	470	-.124	.024	-.041	-.231	290	833	-.075	.036	.112	-.205
290	421	-.221	.048	-.067	-.543	290	471	-.105	.022	-.029	-.182	290	834	-.173	.036	-.048	-.366
290	422	-.040	.276	.740	-1.125	290	472	-.099	.022	-.012	-.252	290	835	-.161	.027	-.057	-.282
290	423	.265	.183	.951	-.282	290	473	-.083	.031	.063	-.204	290	836	-.159	.023	-.072	-.250
290	424	.323	.168	.877	-.074	290	474	-.110	.027	-.019	-.245	290	837	-.190	.046	-.049	-.504
290	425	.274	.143	.732	-.085	290	475	-.107	.030	-.019	-.303	290	838	-.186	.053	-.009	-.469
290	426	.189	.121	.683	-.102	290	476	-.105	.032	.003	-.382	290	839	-.167	.043	.014	-.371
290	427	.075	.103	.551	-.156	290	477	-.101	.024	-.009	-.214	290	840	-.166	.042	.003	-.354
290	428	-.195	.062	.088	-.477	290	478	-.094	.025	.000	-.190	290	841	-.202	.062	.010	-.580
290	429	-.228	.057	-.047	-.616	290	479	-.093	.019	-.024	-.149	290	842	-.184	.040	.012	-.388
290	430	-.212	.213	.528	-1.240	290	480	-.067	.041	.144	-.233	290	843	-.169	.043	-.038	-.409
290	431	.092	.148	.737	-.405	290	481	-.108	.028	.046	-.216	290	844	-.181	.044	-.047	-.508
290	432	.163	.134	.773	-.189	290	482	-.092	.025	.039	-.178	290	845	-.183	.047	-.006	-.425
290	433	.147	.111	.577	-.188	290	483	-.087	.023	.007	-.158	290	846	-.208	.064	-.013	-.626
290	434	.090	.092	.461	-.139	290	484	-.085	.023	.007	-.166	290	847	-.207	.055	-.062	-.497
290	435	-.006	.072	.310	-.226	290	485	-.107	.026	-.021	-.245	290	848	-.208	.053	-.048	-.513
290	436	-.220	.062	.121	-.546	290	486	-.093	.021	-.007	-.158	290	849	-.227	.062	-.034	-.541
290	437	-.263	.066	-.070	-.662	290	487	-.090	.020	-.005	-.151	290	850	-.199	.048	-.029	-.499
290	438	-.208	.143	.202	-.843	290	801	-.221	.044	-.108	-.479	290	851	-.180	.047	-.036	-.554
290	439	-.038	.090	.518	-.437	290	802	-.194	.030	-.100	-.357	290	852	-.188	.034	-.098	-.359
290	440	.029	.082	.502	-.295	290	803	-.160	.021	-.085	-.259	290	853	-.198	.063	-.059	-.568
290	441	.019	.062	.300	-.191	290	804	-.141	.017	-.090	-.233	290	854	-.208	.065	-.043	-.561
290	442	.007	.068	.313	-.188	290	805	-.121	.013	-.080	-.187	290	855	-.215	.059	-.064	-.541

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	856	-.217	.061	-.019	-.499
290	857	-.122	.027	.027	-.226
290	858	-.085	.028	.007	-.168
290	859	-.089	.024	.020	-.190
290	901	-.119	.162	.379	-.815
290	902	-.376	.122	.025	-.895
290	903	-.282	.139	.187	-1.035
290	904	-.266	.109	.067	-.798
290	905	-.282	.087	.031	-.631
290	906	-.281	.070	-.066	-.551
290	907	-.249	.052	-.073	-.480
290	908	-.200	.040	-.077	-.332
290	909	-.338	.164	.197	-1.027
290	910	-.430	.153	-.027	-1.119
290	911	-.289	.111	.043	-.821
290	912	-.236	.060	-.053	-.576
290	913	-.253	.067	-.014	-.528
290	914	-.256	.053	-.087	-.485
290	915	-.206	.040	-.081	-.359
290	916	-.221	.042	-.061	-.372
290	917	-.487	.199	.097	-1.483
290	918	-.441	.160	.031	-1.102
290	919	-.249	.052	-.060	-.434
290	920	-.205	.041	-.045	-.348
290	921	-.044	.200	.427	-.715
290	922	-.047	.073	.221	-.324
290	923	-.210	.044	-.074	-.428
290	924	-.306	.156	.163	-.991
290	925	-.248	.128	.100	-.783
290	926	-.292	.070	-.082	-.644
290	927	-.232	.048	-.051	-.558
290	928	-.030	.157	.611	-.402
290	929	-.487	.117	-.163	-.926
290	930	-.297	.066	-.110	-.623
290	931	-.214	.110	.125	-.642
290	932	-.185	.104	.182	-.602
290	933	-.289	.073	-.084	-.658
290	934	-.279	.079	-.061	-.647
290	935	-.302	.088	-.048	-.699
290	936	-.378	.133	-.016	-.940
290	937	-.291	.079	-.046	-.712
290	938	-.269	.093	.095	-.642
290	939	-.249	.084	.006	-.604
290	940	-.262	.078	.025	-.678
290	941	-.255	.075	-.022	-.684
290	942	-.295	.063	-.113	-.582
290	943	-.251	.057	-.087	-.517
290	944	-.283	.073	-.078	-.658
290	945	-.299	.083	-.043	-.908
290	946	-.284	.057	-.111	-.527
290	947	-.260	.078	.071	-.677
290	948	-.259	.078	.043	-.686
290	949	-.252	.076	.041	-.810
290	950	-.231	.057	-.056	-.597
290	951	-.232	.056	-.068	-.462
290	952	-.242	.064	-.029	-.632
290	953	-.267	.081	-.064	-.818
290	954	-.276	.085	-.040	-.637
290	955	-.267	.079	-.060	-.745
290	956	-.264	.078	.003	-.797
290	957	-.261	.075	-.042	-.778
290	958	-.083	.045	.183	-.195
290	959	-.115	.037	.137	-.256
290	960	-.102	.042	.149	-.295
290	961	-.134	.030	.042	-.320
290	962	-.143	.028	.024	-.330
290	963	-.184	.044	.066	-.408
290	964	-.118	.037	.046	-.266
290	965	-.123	.029	.120	-.266
290	966	.011	.070	.357	-.164
290	967	-.162	.038	-.007	-.308
290	968	-.108	.036	.112	-.225
290	969	-.031	.068	.313	-.181
290	970	-.151	.049	.054	-.386
290	971	-.120	.032	.000	-.256
290	972	-.113	.027	-.005	-.200
290	973	.073	.114	.701	-.147
290	974	-.089	.040	.144	-.266
290	975	-.138	.039	.024	-.349
290	976	-.109	.030	.042	-.210
290	977	-.130	.032	.044	-.286
290	978	-.116	.027	-.015	-.230
290	979	-.205	.051	-.086	-.593
290	980	-.180	.034	-.075	-.399
290	981	-.184	.034	-.086	-.623
290	982	-.170	.025	-.096	-.285
290	983	-.208	.059	-.064	-.523
290	984	-.174	.030	-.074	-.317
290	985	-.185	.039	-.102	-.645
290	986	-.168	.023	-.102	-.317
300	101	-.150	.057	.086	-.359
300	102	.097	.175	.583	-.681
300	103	.073	.088	.458	-.168
300	104	-.148	.045	.019	-.315
300	105	.235	.164	.717	-.483
300	106	-.221	.043	-.065	-.387
300	107	-.124	.050	.053	-.265
300	108	-.073	.067	.237	-.319
300	109	-.041	.079	.263	-.346
300	110	-.011	.085	.256	-.276
300	111	.097	.158	.577	-.510
300	112	-.231	.039	-.101	-.375
300	113	-.030	.059	.221	-.228
300	114	.075	.082	.414	-.189
300	115	.148	.098	.479	-.135
300	116	.215	.119	.581	-.112
300	117	.210	.171	.734	-.429
300	118	-.252	.045	-.116	-.473
300	119	-.072	.059	.162	-.239
300	120	.016	.080	.336	-.205
300	121	.077	.098	.453	-.200
300	122	.124	.123	.717	-.421
300	123	.064	.182	.607	-.520
300	124	-.284	.069	-.049	-.569
300	125	-.134	.055	.091	-.332
300	126	-.080	.064	.211	-.251
300	127	-.061	.068	.261	-.268
300	128	-.066	.077	.292	-.385
300	129	-.166	.154	.367	-.828
300	130	-.306	.106	-.052	-.877
300	131	-.163	.046	.058	-.372
300	132	-.122	.043	.079	-.284
300	133	-.101	.049	.123	-.348
300	134	-.102	.054	.087	-.393
300	135	-.150	.081	.080	-.543
300	136	-.282	.095	-.049	-.768
300	137	-.163	.043	.045	-.414
300	138	-.123	.037	.022	-.344
300	139	-.097	.040	.102	-.277
300	140	-.075	.051	.231	-.322
300	141	-.069	.063	.246	-.364
300	142	-.192	.038	-.077	-.382
300	143	-.149	.025	-.049	-.332
300	144	-.134	.023	-.052	-.295
300	145	-.122	.024	-.037	-.258
300	146	-.106	.023	-.007	-.223
300	147	-.092	.034	.065	-.243
300	148	-.124	.021	-.056	-.201
300	149	-.118	.027	-.011	-.236
300	150	-.100	.038	.099	-.324
300	151	-.134	.041	.094	-.352
300	152	-.155	.025	-.054	-.304
300	153	-.152	.025	-.071	-.352
300	154	-.117	.027	-.021	-.244
300	155	-.106	.028	.001	-.419
300	156	-.099	.029	-.006	-.362
300	157	-.120	.038	.034	-.274
300	158	-.128	.030	.001	-.254
300	159	-.108	.030	.014	-.211
300	160	-.150	.026	-.051	-.292

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	161	-.149	.025	-.051	-.261	300	241	-.320	.082	-.116	-.713	300	314	-.236	.037	-.123	-.424
300	162	-.099	.029	.039	-.246	300	242	-.347	.124	-.086	-1.044	300	315	-.254	.037	-.131	-.402
300	163	-.104	.028	.019	-.236	300	243	-.342	.156	-.007	-1.857	300	316	-.277	.045	-.143	-.514
300	164	-.107	.027	.021	-.231	300	244	-.354	.157	.014	-1.507	300	317	-.299	.057	-.148	-.637
300	165	-.102	.025	.179	-.186	300	245	-.351	.134	-.027	-1.026	300	318	-.233	.043	-.077	-.448
300	166	-.095	.027	.026	-.176	300	246	-.220	.083	.094	-.602	300	319	-.245	.045	-.086	-.438
300	167	-.123	.024	-.009	-.206	300	247	-.198	.066	.025	-.629	300	320	-.253	.045	-.139	-.499
300	168	-.079	.019	-.016	-.151	300	248	-.200	.069	.080	-.575	300	321	-.266	.044	-.123	-.468
300	169	-.123	.032	-.016	-.287	300	249	-.223	.069	.059	-.653	300	322	-.291	.049	-.151	-.514
300	170	-.082	.025	.049	-.176	300	250	-.287	.091	-.034	-.818	300	323	-.310	.062	-.123	-.657
300	201	-.361	.099	-.099	-.831	300	251	-.347	.138	-.066	-1.602	300	324	-.263	.059	-.077	-.586
300	202	-.322	.064	-.119	-.595	300	252	-.343	.134	-.096	-1.009	300	325	-.259	.060	-.110	-.640
300	203	-.344	.070	-.139	-.632	300	253	-.338	.131	-.076	-1.127	300	326	-.284	.068	-.127	-.817
300	204	-.343	.091	-.119	-.866	300	254	-.168	.043	-.039	-.350	300	327	-.302	.068	-.126	-.789
300	205	-.322	.061	-.148	-.592	300	255	-.157	.037	-.030	-.330	300	328	-.294	.060	-.091	-.533
300	206	-.297	.072	-.042	-.674	300	256	-.164	.035	-.009	-.332	300	329	-.317	.074	-.108	-.770
300	207	-.296	.067	-.103	-.855	300	257	-.174	.037	-.056	-.375	300	330	-.320	.086	-.102	-.874
300	208	-.295	.060	-.132	-.615	300	258	-.179	.038	.004	-.462	300	331	-.333	.096	-.110	-.997
300	209	-.301	.053	-.142	-.508	300	259	-.190	.036	-.081	-.370	300	332	-.348	.100	-.104	-.932
300	210	-.258	.050	-.129	-.513	300	260	-.198	.041	-.086	-.479	300	333	-.345	.088	-.113	-.881
300	211	-.239	.047	-.098	-.464	300	261	-.206	.045	-.101	-.643	300	334	-.331	.079	-.126	-.640
300	212	-.235	.048	-.073	-.405	300	262	-.150	.023	-.043	-.254	300	335	-.342	.083	-.146	-.747
300	213	-.232	.049	-.055	-.451	300	263	-.150	.024	-.078	-.242	300	336	-.345	.121	-.034	-1.013
300	214	-.309	.071	-.102	-.783	300	264	-.146	.023	-.073	-.244	300	337	-.332	.121	-.039	-1.196
300	215	-.307	.063	-.103	-.604	300	265	-.145	.022	-.071	-.239	300	338	-.313	.111	.020	-1.074
300	216	-.302	.057	-.118	-.545	300	266	-.209	.035	-.096	-.483	300	339	-.273	.091	.010	-.761
300	217	-.292	.055	-.156	-.589	300	267	-.222	.041	-.106	-.607	300	340	-.229	.077	.084	-.589
300	218	-.270	.048	-.118	-.500	300	268	-.164	.039	-.061	-.471	300	341	-.221	.076	.037	-.685
300	219	-.256	.045	-.119	-.421	300	269	-.154	.022	-.068	-.229	300	342	-.238	.069	-.043	-.606
300	220	-.251	.046	-.112	-.451	300	270	-.197	.026	-.068	-.267	300	343	-.218	.062	.050	-.526
300	221	-.244	.043	-.115	-.396	300	271	-.192	.026	-.083	-.290	300	344	-.194	.050	-.039	-.460
300	222	-.302	.075	-.076	-.943	300	272	-.168	.034	-.025	-.292	300	345	-.178	.048	-.009	-.440
300	223	-.287	.066	.003	-.656	300	273	-.127	.023	-.040	-.206	300	346	-.164	.045	-.021	-.425
300	224	-.286	.059	-.030	-.559	300	274	-.145	.023	-.061	-.227	300	347	-.163	.047	.013	-.416
300	225	-.299	.055	-.106	-.525	300	275	-.141	.024	-.058	-.249	300	348	-.170	.039	-.033	-.360
300	226	-.286	.053	-.106	-.568	300	276	-.147	.027	-.061	-.352	300	349	-.171	.036	-.015	-.325
300	227	-.274	.052	-.119	-.567	300	277	-.149	.030	-.068	-.456	300	401	.399	.152	.840	-.124
300	228	-.261	.054	-.063	-.493	300	301	-.374	.088	-.126	-.746	300	402	-.021	.087	.323	-.421
300	229	-.253	.052	-.075	-.504	300	302	-.351	.107	-.050	-.916	300	403	.196	.126	.598	-.360
300	230	-.310	.086	.002	-.789	300	303	-.377	.095	-.132	-.729	300	404	.418	.172	.989	-.248
300	231	-.286	.069	-.035	-.615	300	304	-.368	.083	-.172	-.749	300	405	-.167	.064	.042	-.507
300	232	-.289	.065	-.060	-.655	300	305	-.317	.075	-.105	-.951	300	406	.257	.159	.769	-.580
300	233	-.304	.070	-.022	-.716	300	306	-.225	.042	-.048	-.394	300	407	.329	.155	.856	-.169
300	234	-.321	.096	-.116	-.980	300	307	-.226	.042	-.066	-.481	300	408	.196	.123	.574	-.199
300	235	-.301	.095	-.103	-1.153	300	308	-.245	.052	-.108	-.611	300	409	.139	.104	.529	-.203
300	236	-.285	.090	-.067	-.800	300	309	-.283	.058	-.062	-.521	300	410	.075	.092	.444	-.203
300	237	-.276	.080	-.018	-.859	300	310	-.275	.056	-.072	-.541	300	411	.005	.077	.297	-.217
300	238	-.337	.101	-.041	-.902	300	311	-.289	.057	-.068	-.557	300	412	-.216	.053	.022	-.406
300	239	-.295	.076	-.060	-.632	300	312	-.225	.037	-.080	-.372	300	413	-.227	.047	-.041	-.456
300	240	-.287	.074	-.010	-.692	300	313	-.227	.038	-.115	-.365	300	414	.377	.184	.967	-.610

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	415	.397	.162	.859	-.235	300	465	-.074	.031	.060	-.483	300	828	-.148	.025	-.068	-.239
300	416	.360	.146	.805	-.103	300	466	-.130	.033	-.033	-.362	300	829	-.068	.057	.277	-.194
300	417	.284	.128	.838	-.063	300	467	-.187	.100	-.026	-.805	300	830	-.171	.033	-.051	-.358
300	418	.182	.113	.547	-.138	300	468	-.116	.023	-.042	-.238	300	831	-.160	.029	-.070	-.296
300	419	.072	.081	.327	-.170	300	469	-.101	.017	-.049	-.165	300	832	-.116	.038	.131	-.319
300	420	-.187	.044	-.003	-.347	300	470	-.150	.032	-.049	-.279	300	833	-.114	.036	.049	-.302
300	421	-.225	.041	-.070	-.393	300	471	-.113	.020	-.040	-.184	300	834	-.153	.028	-.049	-.272
300	422	.216	.212	.818	-.604	300	472	-.108	.021	-.040	-.205	300	835	-.146	.026	-.035	-.267
300	423	.331	.181	.876	-.239	300	473	-.066	.030	.064	-.212	300	836	-.137	.022	-.042	-.232
300	424	.304	.168	.825	-.124	300	474	-.120	.028	-.026	-.253	300	837	-.162	.038	-.009	-.316
300	425	.229	.125	.708	-.132	300	475	-.114	.024	-.040	-.231	300	838	-.168	.047	-.002	-.396
300	426	.143	.102	.501	-.175	300	476	-.112	.025	-.028	-.255	300	839	-.167	.043	.052	-.356
300	427	.025	.079	.324	-.199	300	477	-.102	.025	-.031	-.222	300	840	-.170	.041	-.004	-.390
300	428	-.232	.046	-.064	-.447	300	478	-.094	.025	.033	-.205	300	841	-.154	.038	.001	-.326
300	429	-.237	.051	-.079	-.474	300	479	-.106	.018	-.040	-.163	300	842	-.164	.035	-.042	-.380
300	430	-.100	.171	.410	-.946	300	480	-.045	.040	.130	-.168	300	843	-.155	.035	-.022	-.309
300	431	.040	.135	.644	-.453	300	481	-.142	.030	-.028	-.267	300	844	-.167	.043	-.041	-.337
300	432	.077	.130	.694	-.273	300	482	-.109	.022	-.016	-.220	300	845	-.167	.042	-.015	-.376
300	433	.087	.121	.590	-.211	300	483	-.093	.023	-.014	-.170	300	846	-.214	.051	-.034	-.454
300	434	.046	.096	.473	-.217	300	484	-.083	.026	-.017	-.182	300	847	-.216	.051	-.051	-.495
300	435	-.040	.073	.339	-.273	300	485	-.127	.026	-.033	-.238	300	848	-.219	.055	-.013	-.464
300	436	-.249	.063	.006	-.587	300	486	-.102	.019	-.038	-.175	300	849	-.158	.039	-.013	-.355
300	437	-.264	.070	-.024	-.623	300	487	-.100	.018	-.035	-.158	300	850	-.169	.044	-.034	-.469
300	438	-.137	.099	.167	-.621	300	801	-.195	.038	-.088	-.365	300	851	-.162	.039	-.045	-.440
300	439	-.075	.074	.266	-.451	300	802	-.169	.028	-.062	-.266	300	852	-.174	.034	-.073	-.355
300	440	-.056	.070	.355	-.369	300	803	-.150	.023	-.072	-.279	300	853	-.191	.049	-.038	-.427
300	441	-.059	.059	.280	-.242	300	804	-.138	.019	-.065	-.211	300	854	-.219	.062	.038	-.519
300	442	-.068	.069	.221	-.368	300	805	-.130	.015	-.088	-.182	300	855	-.226	.061	-.058	-.519
300	443	-.107	.066	.266	-.372	300	806	-.127	.027	-.044	-.260	300	856	-.229	.060	-.020	-.480
300	444	-.283	.078	-.070	-.632	300	807	-.116	.027	-.015	-.279	300	857	-.129	.028	-.007	-.224
300	445	-.345	.113	-.048	-1.238	300	808	-.110	.031	.003	-.265	300	858	-.073	.027	.050	-.149
300	446	-.069	.062	.310	-.384	300	809	-.163	.027	-.071	-.302	300	859	-.098	.022	-.005	-.177
300	447	-.088	.051	.069	-.345	300	810	-.182	.037	-.080	-.387	300	901	.032	.150	.505	-.617
300	448	-.084	.048	.081	-.303	300	811	-.150	.023	-.086	-.248	300	902	-.327	.140	.136	-.986
300	449	-.105	.040	.066	-.293	300	812	-.139	.022	-.044	-.251	300	903	-.356	.163	.065	-1.229
300	450	-.128	.043	.034	-.362	300	813	-.130	.022	-.063	-.253	300	904	-.316	.121	.065	-.981
300	451	-.164	.049	.049	-.399	300	814	-.123	.027	-.049	-.276	300	905	-.307	.081	.041	-.595
300	452	-.286	.071	-.084	-.589	300	815	-.122	.025	-.038	-.269	300	906	-.333	.069	-.061	-.574
300	453	-.364	.119	-.084	-1.081	300	816	-.115	.027	-.027	-.256	300	907	-.298	.060	-.121	-.571
300	454	-.077	.039	.086	-.261	300	817	-.197	.042	-.079	-.406	300	908	-.233	.050	-.062	-.463
300	455	-.089	.034	.054	-.302	300	818	-.182	.036	-.058	-.343	300	909	-.339	.151	.149	-.850
300	456	-.100	.028	-.018	-.397	300	819	-.136	.024	-.035	-.227	300	910	-.458	.128	-.101	-1.065
300	457	-.100	.028	.002	-.296	300	820	-.120	.024	-.042	-.206	300	911	-.350	.129	.049	-.984
300	458	-.119	.029	.068	-.239	300	821	-.091	.023	-.006	-.170	300	912	-.272	.075	-.037	-.597
300	459	-.165	.037	-.030	-.316	300	822	-.098	.027	.169	-.223	300	913	-.271	.070	-.032	-.514
300	460	-.226	.051	-.042	-.453	300	823	-.105	.023	-.019	-.225	300	914	-.298	.056	-.108	-.511
300	461	-.248	.065	-.058	-.519	300	824	-.180	.040	-.020	-.441	300	915	-.241	.048	-.105	-.445
300	462	-.057	.058	.231	-.186	300	825	-.160	.027	-.075	-.260	300	916	-.257	.052	-.112	-.487
300	463	-.075	.062	.241	-.189	300	826	-.095	.034	.061	-.337	300	917	-.513	.199	.166	-1.372
300	464	-.182	.051	-.056	-.531	300	827	-.097	.034	.077	-.349	300	918	-.481	.165	-.015	-1.161

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	919	-.291	.060	-.122	-.545	300	969	-.090	.028	.075	-.201	310	133	-.018	.065	.320	-.195
300	920	-.245	.053	-.098	-.495	300	970	-.171	.057	.067	-.571	310	134	-.021	.068	.310	-.213
300	921	.155	.106	.467	-.356	300	971	-.103	.028	.015	-.261	310	135	-.068	.053	.153	-.323
300	922	.041	.086	.370	-.214	300	972	-.113	.026	.048	-.221	310	136	-.325	.102	-.039	-.869
300	923	-.225	.046	-.072	-.434	300	973	-.060	.077	.473	-.259	310	137	-.164	.051	.066	-.389
300	924	-.383	.143	.059	-.844	300	974	-.099	.052	.305	-.245	310	138	-.118	.044	.088	-.286
300	925	-.315	.114	.046	-.990	300	975	-.159	.049	.101	-.381	310	139	-.094	.046	.201	-.333
300	926	-.350	.073	-.096	-.639	300	976	-.105	.023	.000	-.259	310	140	-.063	.056	.177	-.321
300	927	-.269	.061	-.093	-.681	300	977	-.154	.041	-.026	-.324	310	141	-.057	.062	.267	-.438
300	928	.135	.121	.533	-.303	300	978	-.113	.023	-.012	-.216	310	142	-.214	.050	-.059	-.548
300	929	-.471	.102	-.196	-.892	300	979	-.170	.046	-.037	-.487	310	143	-.171	.032	-.071	-.328
300	930	-.345	.071	-.129	-.740	300	980	-.157	.035	-.054	-.359	310	144	-.160	.034	.000	-.316
300	931	-.289	.090	.052	-.590	300	981	-.154	.030	-.068	-.328	310	145	-.144	.039	.008	-.340
300	932	-.257	.084	.081	-.582	300	982	-.146	.024	-.063	-.255	310	146	-.116	.044	.032	-.348
300	933	-.345	.070	-.116	-.695	300	983	-.176	.053	-.035	-.652	310	147	-.085	.046	.076	-.384
300	934	-.338	.076	-.132	-.753	300	984	-.157	.031	-.037	-.360	310	148	-.143	.033	-.013	-.275
300	935	-.279	.075	-.053	-.634	300	985	-.162	.035	-.061	-.536	310	149	-.124	.040	.032	-.277
300	936	-.415	.109	-.107	-1.079	300	986	-.151	.024	-.058	-.251	310	150	-.075	.046	.121	-.260
300	937	-.331	.074	-.099	-.678	310	101	-.063	.091	.316	-.459	310	151	-.144	.048	.116	-.372
300	938	-.329	.076	.007	-.623	310	102	.282	.153	.802	-.531	310	152	-.134	.051	.179	-.330
300	939	-.300	.063	-.075	-.626	310	103	.173	.114	.543	-.359	310	153	-.150	.032	-.018	-.292
300	940	-.306	.074	-.075	-.663	310	104	-.149	.062	.059	-.417	310	154	-.109	.030	.049	-.280
300	941	-.305	.075	-.079	-.868	310	105	.423	.175	.967	-.135	310	155	-.101	.038	.091	-.370
300	942	-.288	.051	-.091	-.477	310	106	-.213	.053	.041	-.411	310	156	-.101	.038	.049	-.292
300	943	-.253	.051	-.064	-.438	310	107	-.086	.066	.190	-.281	310	157	-.121	.041	.106	-.260
300	944	-.287	.059	-.109	-.620	310	108	-.012	.087	.319	-.282	310	158	-.162	.038	.119	-.310
300	945	-.342	.077	-.109	-.694	310	109	.030	.097	.369	-.291	310	159	-.122	.039	.156	-.272
300	946	-.360	.073	-.159	-.664	310	110	.066	.113	.418	-.318	310	160	-.139	.045	.134	-.317
300	947	-.299	.084	.108	-.640	310	111	.301	.164	.830	-.301	310	161	-.135	.044	.179	-.280
300	948	-.296	.078	.030	-.609	310	112	-.233	.049	-.060	-.414	310	162	-.104	.036	.002	-.277
300	949	-.302	.081	-.069	-.710	310	113	.055	.087	.405	-.196	310	163	-.113	.036	.084	-.250
300	950	-.224	.048	-.069	-.501	310	114	.186	.108	.528	-.126	310	164	-.113	.036	.059	-.218
300	951	-.230	.051	-.074	-.484	310	115	.264	.131	.689	-.123	310	165	-.056	.075	.430	-.223
300	952	-.238	.054	-.072	-.585	310	116	.316	.151	.838	-.230	310	166	-.077	.049	.211	-.255
300	953	-.265	.067	-.050	-.747	310	117	.380	.177	.864	-.117	310	167	-.108	.038	.129	-.230
300	954	-.340	.093	-.034	-.785	310	118	-.251	.054	-.083	-.461	310	168	-.059	.036	.181	-.138
300	955	-.298	.082	-.015	-.684	310	119	.011	.077	.291	-.208	310	169	-.122	.038	.014	-.320
300	956	-.294	.078	-.031	-.722	310	120	.136	.105	.496	-.149	310	170	-.078	.032	.101	-.178
300	957	-.297	.072	-.074	-.690	310	121	.194	.133	.642	-.191	310	201	-.423	.118	-.136	-.941
300	958	-.102	.041	.111	-.314	310	122	.258	.169	.809	-.219	310	202	-.362	.071	-.158	-.649
300	959	-.113	.041	.103	-.305	310	123	.271	.190	.998	-.455	310	203	-.387	.082	-.172	-.785
300	960	-.133	.047	.048	-.638	310	124	-.308	.074	-.120	-.624	310	204	-.496	.118	-.152	-1.013
300	961	-.148	.053	.034	-.715	310	125	-.052	.071	.260	-.271	310	205	-.359	.073	-.165	-.756
300	962	-.135	.030	.005	-.235	310	126	.049	.096	.507	-.193	310	206	-.326	.080	-.056	-.715
300	963	-.168	.044	.000	-.372	310	127	.112	.119	.541	-.180	310	207	-.326	.078	-.106	-.687
300	964	-.152	.051	.106	-.444	310	128	.118	.131	.614	-.243	310	208	-.319	.066	-.118	-.637
300	965	-.113	.031	.089	-.223	310	129	.054	.148	.561	-.344	310	209	-.312	.058	-.090	-.582
300	966	-.067	.051	.209	-.194	310	130	-.354	.090	-.118	-.776	310	210	-.303	.065	-.113	-.658
300	967	-.155	.034	-.041	-.271	310	131	-.119	.060	.104	-.346	310	211	-.278	.057	-.110	-.631
300	968	-.123	.038	.187	-.247	310	132	-.051	.062	.220	-.232	310	212	-.287	.059	-.086	-.510

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	213	-.286	.059	-.085	-.571	310	263	-.156	.031	.000	-.268	310	336	-.261	.128	-.009	-1.644
310	214	-.338	.079	-.137	-.715	310	264	-.166	.027	-.078	-.333	310	337	-.269	.116	-.033	-1.191
310	215	-.348	.078	-.139	-.813	310	265	-.161	.025	-.078	-.268	310	338	-.277	.106	.055	-.890
310	216	-.323	.067	-.152	-.724	310	266	-.212	.042	-.095	-.469	310	339	-.240	.082	.087	-.604
310	217	-.315	.056	-.159	-.709	310	267	-.231	.057	-.093	-.566	310	340	-.263	.111	.141	-.961
310	218	-.301	.056	-.159	-.524	310	268	-.201	.050	-.065	-.551	310	341	-.271	.108	.065	-.839
310	219	-.285	.051	-.129	-.499	310	269	-.152	.029	-.012	-.241	310	342	-.256	.095	-.031	-.956
310	220	-.287	.050	-.123	-.481	310	270	-.197	.030	-.083	-.281	310	343	-.248	.085	-.068	-.822
310	221	-.282	.050	-.133	-.467	310	271	-.200	.026	-.080	-.286	310	344	-.218	.072	-.075	1.108
310	222	-.362	.104	-.073	-1.001	310	272	-.223	.043	-.075	-.444	310	345	-.203	.068	-.046	-.572
310	223	-.371	.090	-.153	-.793	310	273	-.115	.034	.043	-.238	310	346	-.202	.080	.035	-.758
310	224	-.353	.071	-.150	-.685	310	274	-.130	.036	.038	-.246	310	347	-.207	.093	.060	-.805
310	225	-.342	.067	-.154	-.659	310	275	-.144	.037	.038	-.328	310	348	-.180	.047	-.035	-.411
310	226	-.319	.058	-.148	-.676	310	276	-.174	.038	-.058	-.423	310	349	-.171	.039	-.018	-.348
310	227	-.305	.061	-.066	-.550	310	277	-.179	.068	.140	-.697	310	401	.215	.176	.736	-.580
310	228	-.300	.060	-.126	-.567	310	301	-.368	.085	-.144	-.796	310	402	-.129	.062	.128	-.329
310	229	-.292	.060	-.117	-.531	310	302	-.350	.094	-.086	-.820	310	403	.082	.098	.440	-.285
310	230	-.371	.110	.009	-.919	310	303	-.370	.078	-.184	-.691	310	404	.262	.167	.861	-.440
310	231	-.385	.098	-.122	-.818	310	304	-.349	.068	-.173	-.649	310	405	-.182	.050	.000	-.370
310	232	-.372	.087	-.128	-.779	310	305	-.323	.071	-.082	-.751	310	406	.280	.167	.763	-.582
310	233	-.381	.096	-.156	-1.006	310	306	-.243	.044	-.105	-.443	310	407	.134	.162	.637	-.492
310	234	-.380	.094	-.148	-.828	310	307	-.241	.044	-.112	-.495	310	408	.118	.101	.467	-.196
310	235	-.365	.091	-.140	-.830	310	308	-.258	.044	-.126	-.530	310	409	.050	.088	.345	-.207
310	236	-.345	.086	-.098	-.941	310	309	-.325	.059	-.129	-.579	310	410	-.008	.080	.292	-.257
310	237	-.340	.084	-.140	-.676	310	310	-.304	.065	-.091	-.623	310	411	-.065	.062	.170	-.259
310	238	-.352	.110	-.071	-.957	310	311	-.298	.058	-.112	-.601	310	412	-.254	.049	-.083	-.454
310	239	-.352	.109	-.074	-.821	310	312	-.255	.042	-.145	-.473	310	413	-.233	.046	-.072	-.416
310	240	-.365	.105	-.075	-.919	310	313	-.253	.038	-.134	-.431	310	414	.378	.204	.948	-.513
310	241	-.414	.118	-.139	-.973	310	314	-.258	.039	-.154	-.475	310	415	.228	.198	.854	-.644
310	242	-.426	.131	-.092	-1.057	310	315	-.277	.038	-.168	-.461	310	416	.210	.133	.725	-.190
310	243	-.447	.145	-.119	-1.467	310	316	-.296	.043	-.145	-.565	310	417	.170	.118	.620	-.187
310	244	-.433	.124	-.144	-1.207	310	317	-.318	.052	-.162	-.541	310	418	.070	.094	.390	-.207
310	245	-.400	.108	-.125	-.955	310	318	-.273	.056	-.129	-.617	310	419	-.027	.067	.231	-.26
310	246	-.276	.112	.016	-1.089	310	319	-.274	.051	-.132	-.551	310	420	-.230	.043	-.098	-.425
310	247	-.255	.087	.017	-.588	310	320	-.292	.058	-.159	-.658	310	421	-.246	.044	-.113	-.497
310	248	-.242	.089	.000	-.641	310	321	-.309	.055	-.173	-.612	310	422	.189	.238	.929	-.710
310	249	-.294	.112	.105	-.866	310	322	-.311	.050	-.162	-.609	310	423	.119	.211	.775	-.642
310	250	-.366	.143	.001	-1.073	310	323	-.329	.065	-.134	-.590	310	424	.136	.139	.637	-.264
310	251	-.417	.147	-.051	-1.739	310	324	-.300	.093	-.067	-.874	310	425	.079	.118	.545	-.236
310	252	-.424	.140	-.083	-1.157	310	325	-.316	.101	-.113	-1.031	310	426	.025	.097	.433	-.266
310	253	-.441	.143	-.117	-1.160	310	326	-.333	.101	-.132	-1.133	310	427	-.062	.074	.215	-.264
310	254	-.221	.102	-.014	-.881	310	327	-.332	.086	-.086	-.781	310	428	-.270	.059	-.068	-.676
310	255	-.195	.071	.011	-.523	310	328	-.312	.065	-.083	-.677	310	429	-.256	.054	-.059	-.529
310	256	-.171	.048	.033	-.531	310	329	-.334	.073	-.045	-.637	310	430	-.077	.190	.616	-.762
310	257	-.187	.059	.036	-.632	310	330	-.323	.142	-.066	-1.429	310	431	-.112	.165	.548	-.695
310	258	-.206	.065	-.016	-.615	310	331	-.347	.164	.032	-1.340	310	432	-.034	.114	.537	-.512
310	259	-.222	.069	-.048	-.608	310	332	-.338	.129	.054	-1.047	310	433	-.042	.093	.407	-.304
310	260	-.234	.060	-.056	-.659	310	333	-.321	.088	-.052	-.764	310	434	-.064	.081	.461	-.292
310	261	-.229	.055	-.080	-.572	310	334	-.298	.079	-.024	-.657	310	435	-.122	.073	.294	-.358
310	262	-.144	.032	.035	-.258	310	335	-.307	.074	-.083	-.593	310	436	-.276	.085	-.028	-.754

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	437	-.298	.099	-.021	-.946	310	487	-.133	.021	-.061	-.242	310	850	-.206	.085	.094	-.659
310	438	-.191	.124	.185	-.746	310	801	-.196	.044	-.068	-.369	310	851	-.189	.075	-.011	-.596
310	439	-.196	.112	.109	-.765	310	802	-.180	.039	-.062	-.461	310	852	-.200	.051	-.089	-.462
310	440	-.131	.057	.254	-.580	310	803	-.166	.032	-.052	-.404	310	853	-.208	.064	-.036	-.605
310	441	-.128	.040	.102	-.308	310	804	-.165	.028	-.029	-.291	310	854	-.261	.095	-.066	-.857
310	442	-.142	.051	.198	-.352	310	805	-.161	.027	-.096	-.330	310	855	-.238	.071	-.068	-.679
310	443	-.174	.056	.161	-.456	310	806	-.154	.042	-.031	-.511	310	856	-.251	.084	-.053	-.717
310	444	-.285	.110	-.036	-.851	310	807	-.136	.041	-.002	-.462	310	857	-.148	.042	.056	-.306
310	445	-.309	.153	.013	-1.321	310	808	-.119	.043	.055	-.576	310	858	-.066	.035	.091	-.172
310	446	-.109	.074	.233	-.485	310	809	-.182	.039	-.076	-.490	310	859	-.099	.027	.010	-.215
310	447	-.154	.061	.057	-.472	310	810	-.190	.047	-.041	-.441	310	901	.043	.155	.575	-.735
310	448	-.113	.038	.057	-.337	310	811	-.172	.032	-.011	-.337	310	902	-.278	.150	.278	-1.096
310	449	-.119	.034	.011	-.289	310	812	-.168	.037	-.033	-.369	310	903	-.462	.189	.085	-1.271
310	450	-.143	.036	-.031	-.313	310	813	-.163	.049	-.029	-.495	310	904	-.370	.147	.174	-.946
310	451	-.176	.040	-.053	-.355	310	814	-.145	.045	.041	-.518	310	905	-.322	.095	.053	-.660
310	452	-.247	.085	-.077	-.820	310	815	-.139	.033	.008	-.406	310	906	-.371	.088	-.019	-.691
310	453	-.261	.110	-.038	-1.064	310	816	-.127	.032	-.018	-.316	310	907	-.352	.072	-.101	-.603
310	454	-.065	.051	.134	-.313	310	817	-.223	.072	-.035	-.610	310	908	-.289	.059	-.086	-.606
310	455	-.093	.037	.043	-.245	310	818	-.197	.050	-.050	-.527	310	909	-.296	.130	.123	-.795
310	456	-.103	.026	-.008	-.232	310	819	-.155	.029	-.015	-.280	310	910	-.441	.122	-.039	-1.027
310	457	-.108	.026	-.003	-.277	310	820	-.130	.035	-.013	-.313	310	911	-.444	.162	-.029	-1.071
310	458	-.124	.028	-.021	-.254	310	821	-.084	.027	.076	-.238	310	912	-.302	.084	-.055	-.656
310	459	-.160	.033	-.060	-.375	310	822	-.113	.025	.007	-.296	310	913	-.263	.084	.100	-.562
310	460	-.231	.059	-.097	-.579	310	823	-.119	.023	-.007	-.237	310	914	-.320	.068	-.013	-.602
310	461	-.244	.074	-.085	-.704	310	824	-.200	.065	-.008	-.642	310	915	-.289	.053	-.133	-.465
310	462	-.086	.035	.241	-.210	310	825	-.181	.047	-.039	-.522	310	916	-.308	.063	-.120	-.536
310	463	-.110	.031	.113	-.231	310	826	-.106	.028	.009	-.247	310	917	-.354	.157	.098	-1.129
310	464	-.167	.038	-.040	-.346	310	827	-.107	.025	-.017	-.275	310	918	-.355	.142	.065	-1.185
310	465	-.063	.040	.125	-.203	310	828	-.159	.031	-.029	-.285	310	919	-.343	.070	-.136	-.696
310	466	-.133	.028	-.025	-.311	310	829	-.097	.034	.094	-.223	310	920	-.301	.065	-.112	-.575
310	467	-.153	.063	-.036	-.604	310	830	-.176	.053	.051	-.513	310	921	.146	.110	.515	-.325
310	468	-.114	.026	-.012	-.214	310	831	-.165	.041	.074	-.423	310	922	.109	.125	.475	-.273
310	469	-.101	.021	-.024	-.186	310	832	-.126	.031	.030	-.308	310	923	-.273	.080	-.050	-.778
310	470	-.213	.056	-.099	-.501	310	833	-.127	.028	.007	-.315	310	924	-.318	.129	.208	-.851
310	471	-.148	.025	-.068	-.325	310	834	-.161	.039	.022	-.374	310	925	-.265	.096	.052	-.726
310	472	-.146	.026	-.080	-.266	310	835	-.155	.042	.008	-.376	310	926	-.380	.086	-.086	-.995
310	473	-.053	.040	.124	-.322	310	836	-.130	.038	.101	-.289	310	927	-.340	.098	-.086	-.937
310	474	-.124	.030	-.012	-.238	310	837	-.173	.044	-.042	-.394	310	928	.068	.103	.460	-.349
310	475	-.116	.025	-.029	-.209	310	838	-.161	.043	-.012	-.408	310	929	-.473	.100	-.065	-.941
310	476	-.117	.024	-.017	-.221	310	839	-.168	.040	-.035	-.394	310	930	-.397	.086	-.168	-.954
310	477	-.105	.027	-.003	-.268	310	840	-.167	.040	-.041	-.402	310	931	-.305	.085	.063	-.674
310	478	-.094	.032	-.023	-.252	310	841	-.171	.055	.067	-.453	310	932	-.273	.072	-.053	-.566
310	479	-.144	.023	-.073	-.226	310	842	-.182	.058	-.019	-.511	310	933	-.377	.074	-.136	-.706
310	480	-.029	.058	.225	-.219	310	843	-.180	.062	-.002	-.559	310	934	-.346	.076	-.097	-.685
310	481	-.156	.039	.028	-.296	310	844	-.185	.050	-.073	-.598	310	935	-.251	.051	-.095	-.533
310	482	-.116	.023	-.024	-.198	310	845	-.179	.048	-.004	-.418	310	936	-.389	.093	-.111	-.862
310	483	-.095	.027	.051	-.184	310	846	-.232	.072	-.055	-.684	310	937	-.368	.075	-.137	-.679
310	484	-.085	.030	.082	-.184	310	847	-.216	.055	-.052	-.471	310	938	-.332	.076	.009	-.635
310	485	-.187	.036	-.057	-.320	310	848	-.224	.063	-.070	-.562	310	939	-.306	.058	-.098	-.556
310	486	-.133	.021	-.054	-.209	310	849	-.202	.099	.054	-.908	310	940	-.337	.075	-.028	-.646

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	941	-.336	.078	.013	-.707
310	942	-.297	.053	-.132	-.526
310	943	-.265	.051	-.118	-.504
310	944	-.289	.056	-.098	-.539
310	945	-.362	.078	-.104	-.936
310	946	-.376	.068	-.156	-.619
310	947	-.350	.091	-.007	-.701
310	948	-.332	.085	-.010	-.745
310	949	-.346	.086	-.057	-.814
310	950	-.229	.046	-.086	-.434
310	951	-.240	.050	-.068	-.438
310	952	-.241	.049	-.090	-.617
310	953	-.274	.056	-.120	-.721
310	954	-.392	.107	-.035	-.817
310	955	-.334	.094	-.010	-.782
310	956	-.321	.084	-.086	-.796
310	957	-.337	.081	-.095	-.782
310	958	-.130	.059	.132	-.478
310	959	-.105	.050	.199	-.301
310	960	-.171	.070	.048	-.487
310	961	-.158	.057	.058	-.645
310	962	-.120	.053	-.062	-.805
310	963	-.176	.043	-.067	-.403
310	964	-.212	.120	.096	-1.899
310	965	-.092	.057	.196	-.628
310	966	-.095	.033	.084	-.200
310	967	-.155	.035	-.036	-.291
310	968	-.138	.050	.070	-.356
310	969	-.088	.032	.113	-.203
310	970	-.156	.072	.237	-.537
310	971	-.082	.045	.144	-.248
310	972	-.099	.044	.222	-.253
310	973	-.090	.045	.454	-.212
310	974	-.093	.068	.416	-.286
310	975	-.124	.070	.151	-.339
310	976	-.113	.031	.065	-.205
310	977	-.152	.034	.134	-.337
310	978	-.129	.027	.029	-.234
310	979	-.147	.043	.068	-.399
310	980	-.195	.062	-.002	-.594
310	981	-.152	.042	.059	-.441
310	982	-.148	.035	.009	-.284
310	983	-.150	.044	.048	-.365
310	984	-.196	.063	.060	-.630
310	985	-.160	.044	.058	-.449
310	986	-.156	.034	.094	-.311
320	101	-.009	.142	.423	-.688
320	102	.370	.166	.866	-.432
320	103	-.098	.197	.623	-.666
320	104	-.268	.092	.052	-.577
320	105	-.286	.269	.954	-.661
320	106	-.212	.061	.038	-.490
320	107	-.058	.082	.252	-.297
320	108	.018	.099	.333	-.278
320	109	.033	.120	.421	-.390
320	110	.081	.129	.571	-.307
320	111	.348	.160	.776	-.225
320	112	-.224	.053	.013	-.425
320	113	.131	.096	.501	-.193
320	114	.273	.119	.644	-.063
320	115	.345	.134	.840	-.058
320	116	.432	.157	.897	.026
320	117	.419	.163	.956	-.022
320	118	-.250	.054	-.005	-.477
320	119	.092	.093	.407	-.151
320	120	.247	.115	.621	-.102
320	121	.349	.141	.769	.023
320	122	.378	.142	.904	-.035
320	123	.284	.158	.884	-.196
320	124	-.318	.072	-.068	-.642
320	125	.032	.088	.389	-.216
320	126	.158	.102	.572	-.159
320	127	.231	.120	.779	-.100
320	128	.273	.131	.811	-.070
320	129	.145	.130	.628	-.339
320	130	-.375	.085	.088	-.958
320	131	-.089	.067	.213	-.343
320	132	-.016	.068	.277	-.183
320	133	.031	.080	.384	-.204
320	134	.061	.091	.472	-.202
320	135	-.023	.071	.224	-.284
320	136	-.362	.130	-.010	-.885
320	137	-.160	.058	.114	-.432
320	138	-.126	.047	.064	-.362
320	139	-.104	.053	.099	-.328
320	140	-.083	.063	.163	-.547
320	141	-.082	.068	.220	-.350
320	142	-.209	.056	-.042	-.530
320	143	-.172	.035	-.044	-.362
320	144	-.165	.039	-.039	-.321
320	145	-.151	.047	.030	-.412
320	146	-.116	.051	.044	-.382
320	147	-.097	.052	.072	-.432
320	148	-.154	.040	.043	-.343
320	149	-.133	.049	.026	-.332
320	150	-.090	.046	.139	-.305
320	151	-.156	.056	.160	-.469
320	152	-.131	.065	.265	-.385
320	153	-.154	.038	-.007	-.368
320	154	-.121	.033	-.002	-.340
320	155	-.110	.046	.051	-.436
320	156	-.118	.038	.094	-.307
320	157	-.133	.047	.207	-.335
320	158	-.167	.043	.023	-.332
320	159	-.131	.043	.094	-.274
320	160	-.121	.056	.129	-.340
320	161	-.107	.063	.336	-.297
320	162	-.119	.042	.033	-.391
320	163	-.105	.043	.129	-.237
320	164	-.100	.044	.147	-.242
320	165	-.019	.113	.740	-.232
320	166	-.076	.070	.533	-.259
320	167	-.101	.048	.265	-.227
320	168	-.048	.056	.324	-.163
320	169	-.120	.041	.036	-.385
320	170	-.107	.032	.041	-.237
320	201	-.500	.135	-.124	-1.082
320	202	-.489	.105	-.171	-.983
320	203	-.497	.113	-.194	-.917
320	204	-.472	.130	-.122	-1.036
320	205	-.462	.094	-.197	-.883
320	206	-.368	.098	-.111	-.985
320	207	-.388	.091	-.148	-.816
320	208	-.385	.081	-.131	-.823
320	209	-.388	.079	-.148	-.788
320	210	-.366	.069	-.200	-.788
320	211	-.350	.062	-.171	-.661
320	212	-.349	.064	-.150	-.666
320	213	-.345	.065	-.151	-.663
320	214	-.399	.097	-.161	-.939
320	215	-.411	.094	-.136	-1.073
320	216	-.386	.067	-.156	-.748
320	217	-.373	.063	-.176	-.773
320	218	-.364	.059	-.121	-.600
320	219	-.343	.049	-.145	-.531
320	220	-.342	.051	-.137	-.560
320	221	-.339	.053	-.168	-.532
320	222	-.427	.110	-.113	-.910
320	223	-.445	.100	-.196	-1.195
320	224	-.412	.073	-.207	-.813
320	225	-.389	.065	-.209	-.807
320	226	-.375	.061	-.189	-.687
320	227	-.363	.058	-.195	-.570
320	228	-.355	.057	-.173	-.593
320	229	-.352	.056	-.182	-.578
320	230	-.458	.121	-.097	-1.010
320	231	-.479	.110	-.136	-.987
320	232	-.455	.085	-.080	-.902
320	233	-.461	.096	-.173	-1.037
320	234	-.441	.087	-.204	-.853

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	235	-.417	.076	-.192	-.779	320	308	-.287	.039	-.166	-.452	320	409	-.063	.069	.203	-.268
320	236	-.411	.082	-.145	-.989	320	309	-.327	.057	-.145	-.549	320	410	-.107	.056	.100	-.300
320	237	-.406	.077	-.168	-.777	320	310	-.315	.060	-.146	-.580	320	411	-.154	.048	.045	-.319
320	238	-.433	.122	-.120	-1.398	320	311	-.337	.067	-.120	-.655	320	412	-.293	.044	-.134	-.445
320	239	-.421	.110	-.070	-1.096	320	312	-.269	.037	-.125	-.414	320	413	-.264	.045	-.133	-.436
320	240	-.439	.113	-.128	-.917	320	313	-.274	.037	-.164	-.420	320	414	.045	.298	.916	-1.446
320	241	-.483	.104	-.154	-.951	320	314	-.284	.036	-.171	-.444	320	415	-.156	.220	.602	-.957
320	242	-.510	.131	-.136	-1.431	320	315	-.294	.036	-.200	-.443	320	416	.034	.127	.496	-.947
320	243	-.495	.120	-.226	-1.803	320	316	-.307	.042	-.175	-.488	320	417	-.009	.082	.341	-.239
320	244	-.491	.112	-.140	-1.182	320	317	-.343	.058	-.172	-.575	320	418	-.051	.068	.243	-.277
320	245	-.511	.114	-.212	-1.093	320	318	-.288	.040	-.171	-.459	320	419	-.130	.048	.089	-.268
320	246	-.340	.116	-.020	-1.031	320	319	-.292	.039	-.185	-.473	320	420	-.279	.038	-.163	-.415
320	247	-.305	.092	-.032	-.695	320	320	-.307	.043	-.177	-.570	320	421	-.272	.038	-.122	-.421
320	248	-.277	.106	.035	-.730	320	321	-.314	.040	-.182	-.572	320	422	-.038	.313	.910	-1.105
320	249	-.311	.128	.019	-.897	320	322	-.319	.044	-.146	-.507	320	423	-.228	.245	.495	-.969
320	250	-.366	.162	-.011	-1.005	320	323	-.362	.071	-.142	-.700	320	424	-.032	.157	.446	-.902
320	251	-.455	.176	.001	-1.409	320	324	-.298	.066	-.067	-.733	320	425	-.035	.088	.327	-.266
320	252	-.504	.145	-.055	-1.292	320	325	-.318	.085	-.143	-1.610	320	426	-.081	.070	.230	-.272
320	253	-.513	.156	-.011	-1.337	320	326	-.327	.075	-.098	-.958	320	427	-.154	.055	.142	-.357
320	254	-.302	.130	-.016	-1.008	320	327	-.324	.056	-.119	-.678	320	428	-.311	.048	-.145	-.628
320	255	-.259	.092	.001	-.663	320	328	-.332	.056	-.140	-.543	320	429	-.286	.045	-.137	-.480
320	256	-.175	.056	.063	-.506	320	329	-.392	.085	-.129	-.770	320	430	-.267	.256	.481	-1.207
320	257	-.166	.073	.014	-.812	320	330	-.304	.111	-.079	-1.307	320	431	-.366	.205	.321	-1.209
320	258	-.190	.072	.039	-.624	320	331	-.318	.107	-.108	-1.530	320	432	-.149	.128	.281	-1.124
320	259	-.222	.083	-.013	-.731	320	332	-.318	.095	-.108	-1.125	320	433	-.120	.065	.219	-.30
320	260	-.235	.077	-.043	-.627	320	333	-.330	.070	-.053	-.716	320	434	-.140	.059	.225	-.324
320	261	-.226	.065	-.049	-.515	320	334	-.347	.076	-.010	-.734	320	435	-.190	.054	.111	-.408
320	262	-.137	.036	.061	-.283	320	335	-.394	.082	-.175	-.692	320	436	-.309	.064	-.105	-.760
320	263	-.140	.036	.021	-.266	320	336	-.279	.116	-.023	-1.429	320	437	-.293	.066	-.091	-.778
320	264	-.158	.032	-.038	-.306	320	337	-.287	.105	-.037	-1.350	320	438	-.355	.167	.152	-1.068
320	265	-.163	.032	-.017	-.372	320	338	-.301	.102	-.015	-.884	320	439	-.383	.141	.029	-1.140
320	266	-.207	.057	-.060	-.590	320	339	-.297	.087	.029	-.695	320	440	-.201	.072	.003	-.632
320	267	-.212	.050	-.025	-.519	320	340	-.351	.120	-.032	-.965	320	441	-.173	.031	-.076	-.384
320	268	-.217	.048	-.028	-.476	320	341	-.344	.110	-.037	-.999	320	442	-.182	.035	-.035	-.346
320	269	-.151	.032	-.028	-.319	320	342	-.299	.087	-.059	-.901	320	443	-.213	.046	-.026	-.392
320	270	-.188	.033	-.035	-.299	320	343	-.290	.089	-.050	-1.659	320	444	-.301	.097	-.012	-.877
320	271	-.194	.030	-.038	-.291	320	344	-.286	.087	-.023	-.857	320	445	-.281	.093	-.023	-.850
320	272	-.233	.049	-.017	-.486	320	345	-.226	.081	.075	-.693	320	446	-.150	.089	.165	-.533
320	273	-.088	.042	.132	-.202	320	346	-.267	.096	.031	-.783	320	447	-.195	.070	.036	-.562
320	274	-.099	.045	.124	-.238	320	347	-.282	.121	.031	-.864	320	448	-.141	.043	-.005	-.388
320	275	-.120	.048	.097	-.299	320	348	-.213	.064	-.007	-.630	320	449	-.142	.035	.008	-.317
320	276	-.165	.054	.023	-.494	320	349	-.203	.049	-.033	-.463	320	450	-.156	.033	-.044	-.325
320	277	-.187	.111	.314	-.742	320	401	-.159	.260	.507	-.950	320	451	-.192	.040	-.066	-.354
320	301	-.405	.094	-.172	-.916	320	402	-.234	.055	-.023	-.490	320	452	-.262	.084	-.027	-.847
320	302	-.408	.093	-.111	-1.244	320	403	-.047	.079	.296	-.350	320	453	-.258	.088	-.044	-.936
320	303	-.383	.080	-.180	-.728	320	404	.102	.191	.736	-.798	320	454	-.088	.059	.151	-.478
320	304	-.401	.086	-.172	-.776	320	405	-.258	.052	-.098	-.491	320	455	-.118	.042	.039	-.333
320	305	-.373	.073	-.172	-.737	320	406	.125	.188	.682	-.624	320	456	-.126	.029	-.022	-.345
320	306	-.261	.045	-.076	-.499	320	407	-.206	.186	.317	-.936	320	457	-.140	.028	-.022	-.241
320	307	-.263	.040	-.151	-.456	320	408	-.033	.088	.323	-.461	320	458	-.155	.029	-.044	-.276

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	459	-.190	.034	-.054	-.404	320	822	-.133	.028	-.028	-.289	320	913	-.277	.100	.095	-.661
320	460	-.282	.070	-.091	-.628	320	823	-.134	.026	-.050	-.287	320	914	-.353	.090	-.076	-.732
320	461	-.304	.087	-.073	-.862	320	824	-.181	.071	.020	-.624	320	915	-.352	.059	-.166	-.580
320	462	-.131	.034	-.018	-.248	320	825	-.167	.048	-.018	-.424	320	916	-.368	.067	-.169	-.662
320	463	-.148	.029	-.035	-.276	320	826	-.144	.031	-.019	-.292	320	917	-.333	.127	-.019	-.926
320	464	-.194	.050	-.025	-.420	320	827	-.138	.028	-.031	-.256	320	918	-.330	.109	-.004	-.857
320	465	-.094	.040	.071	-.296	320	828	-.130	.037	.055	-.268	320	919	-.424	.083	-.166	-.771
320	466	-.153	.025	-.030	-.276	320	829	-.142	.033	-.019	-.268	320	920	-.363	.071	-.170	-.771
320	467	-.163	.032	-.072	-.489	320	830	-.156	.064	.062	-.553	320	921	-.051	.220	.404	-.907
320	468	-.136	.026	.014	-.253	320	831	-.139	.050	.088	-.350	320	922	-.002	.176	.622	-.561
320	469	-.120	.023	-.036	-.215	320	832	-.161	.032	-.035	-.303	320	923	-.415	.099	-.065	-.810
320	470	-.207	.055	-.079	-.718	320	833	-.161	.032	-.017	-.306	320	924	-.315	.106	-.030	-.822
320	471	-.168	.033	-.067	-.353	320	834	-.158	.044	.008	-.395	320	925	-.280	.080	-.065	-.681
320	472	-.164	.029	-.065	-.291	320	835	-.148	.052	.067	-.369	320	926	-.431	.091	-.173	-.873
320	473	-.086	.043	.073	-.303	320	836	-.114	.047	.080	-.266	320	927	-.403	.096	-.131	-.979
320	474	-.161	.035	-.020	-.287	320	837	-.197	.050	-.012	-.397	320	928	-.068	.073	.235	-.481
320	475	-.143	.023	-.060	-.220	320	838	-.195	.048	-.040	-.421	320	929	-.608	.126	-.254	-1.150
320	476	-.144	.024	-.051	-.227	320	839	-.203	.043	-.075	-.379	320	930	-.496	.126	-.215	-1.192
320	477	-.128	.028	-.029	-.251	320	840	-.206	.045	-.083	-.503	320	931	-.337	.082	-.068	-.633
320	478	-.120	.031	.030	-.234	320	841	-.220	.077	.016	-.658	320	932	-.312	.066	-.111	-.666
320	479	-.161	.026	-.070	-.301	320	842	-.237	.085	-.003	-.632	320	933	-.430	.090	-.149	-.874
320	480	-.058	.057	.218	-.268	320	843	-.245	.096	-.016	-.619	320	934	-.406	.091	-.062	-.842
320	481	-.187	.041	-.017	-.334	320	844	-.221	.056	-.032	-.522	320	935	-.300	.057	-.137	-.626
320	482	-.142	.023	-.027	-.222	320	845	-.222	.051	-.048	-.503	320	936	-.412	.078	-.191	-.697
320	483	-.120	.027	-.022	-.206	320	846	-.275	.070	-.064	-.677	320	937	-.417	.088	-.137	-.825
320	484	-.112	.031	.040	-.210	320	847	-.259	.059	-.089	-.609	320	938	-.352	.068	-.089	-.601
320	485	-.183	.034	-.077	-.311	320	848	-.271	.064	-.098	-.618	320	939	-.332	.053	-.166	-.572
320	486	-.150	.023	-.070	-.234	320	849	-.283	.121	.036	-.930	320	940	-.375	.088	-.066	-.721
320	487	-.153	.024	-.072	-.244	320	850	-.283	.114	-.007	-.952	320	941	-.393	.098	-.073	-.929
320	801	-.182	.046	-.046	-.446	320	851	-.269	.108	-.011	-.805	320	942	-.315	.048	-.170	-.498
320	802	-.168	.039	-.036	-.382	320	852	-.216	.049	-.097	-.410	320	943	-.281	.045	-.129	-.474
320	803	-.157	.034	-.024	-.322	320	853	-.258	.073	-.057	-.986	320	944	-.316	.057	-.156	-.585
320	804	-.162	.035	-.007	-.364	320	854	-.302	.084	-.092	-.708	320	945	-.403	.081	-.175	-.828
320	805	-.165	.039	-.061	-.411	320	855	-.288	.074	-.090	-.632	320	946	-.409	.068	-.206	-.695
320	806	-.137	.061	.070	-.506	320	856	-.299	.087	-.073	-.729	320	947	-.359	.100	-.023	-.791
320	807	-.137	.056	.056	-.601	320	857	-.150	.049	.073	-.351	320	948	-.357	.098	.030	-.830
320	808	-.123	.047	.014	-.448	320	858	-.096	.035	.059	-.334	320	949	-.388	.100	-.102	-.958
320	809	-.173	.041	-.050	-.438	320	859	-.126	.026	-.009	-.215	320	950	-.262	.045	-.090	-.441
320	810	-.189	.057	-.041	-.543	320	901	-.174	.187	.415	-1.003	320	951	-.264	.044	-.104	-.496
320	811	-.164	.035	-.049	-.336	320	902	-.395	.166	.139	-1.357	320	952	-.267	.044	-.118	-.442
320	812	-.165	.042	.049	-.441	320	903	-.606	.195	.021	-1.380	320	953	-.309	.053	-.119	-.538
320	813	-.163	.059	.007	-.574	320	904	-.418	.162	.082	-1.023	320	954	-.395	.104	-.132	-.852
320	814	-.129	.064	.098	-.649	320	905	-.322	.114	.050	-.738	320	955	-.343	.092	.003	-.839
320	815	-.143	.046	.101	-.445	320	906	-.401	.110	-.070	-.853	320	956	-.355	.094	-.070	-.809
320	816	-.140	.041	-.029	-.489	320	907	-.411	.083	-.169	-.798	320	957	-.382	.102	-.070	-.882
320	817	-.209	.077	-.019	-.623	320	908	-.359	.066	-.149	-.640	320	958	-.174	.066	.097	-.941
320	818	-.188	.053	.004	-.457	320	909	-.432	.119	-.031	-1.058	320	959	-.119	.053	.177	-.297
320	819	-.152	.033	.046	-.355	320	910	-.547	.146	-.095	-1.205	320	960	-.238	.096	.105	-.881
320	820	-.138	.043	.110	-.485	320	911	-.568	.166	-.110	-1.163	320	961	-.208	.087	.080	-1.464
320	821	-.084	.040	.221	-.280	320	912	-.363	.100	-.108	-.727	320	962	-.133	.061	.122	-.474

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	963	-.209	.058	-.019	-.571	330	127	.318	.126	.804	-.063	330	207	-.467	.145	-.018	-1.119
320	964	-.297	.164	.076	-1.803	330	128	.333	.133	.811	-.078	330	208	-.446	.107	-.001	-.918
320	965	-.117	.074	.209	-.738	330	129	.128	.154	.618	-.435	330	209	-.472	.107	-.155	-1.123
320	966	-.146	.038	.061	-.285	330	130	-.392	.104	-.007	-.901	330	210	-.462	.097	-.102	-1.046
320	967	-.187	.046	.042	-.380	330	131	-.053	.075	.242	-.297	330	211	-.423	.082	.058	-.938
320	968	-.159	.056	.032	-.484	330	132	.043	.085	.360	-.172	330	212	-.414	.077	-.176	-.815
320	969	-.111	.035	.066	-.312	330	133	.070	.093	.476	-.137	330	213	-.438	.088	-.196	-.937
320	970	-.172	.072	.090	-.520	330	134	.071	.103	.487	-.179	330	214	-.496	.152	-.043	-1.259
320	971	-.089	.072	.301	-.396	330	135	-.054	.098	.409	-.372	330	215	-.487	.140	-.038	-1.223
320	972	-.117	.064	.189	-.375	330	136	-.304	.135	.058	-.927	330	216	-.455	.098	-.016	-.906
320	973	-.126	.034	.221	-.232	330	137	-.132	.056	.053	-.352	330	217	-.446	.095	-.149	-.917
320	974	-.149	.054	.177	-.331	330	138	-.106	.046	.080	-.310	330	218	-.439	.086	-.199	-1.092
320	975	-.158	.062	.184	-.421	330	139	-.087	.050	.134	-.275	330	219	-.423	.070	-.223	-.814
320	976	-.127	.043	.107	-.324	330	140	-.066	.067	.213	-.357	330	220	-.410	.072	-.210	-.885
320	977	-.167	.058	.143	-.450	330	141	-.109	.086	.258	-.458	330	221	-.407	.067	-.118	-.915
320	978	-.143	.034	.034	-.278	330	142	-.189	.052	-.019	-.460	330	222	-.525	.156	-.052	-1.129
320	979	-.126	.058	.101	-.524	330	143	-.160	.040	.001	-.382	330	223	-.530	.145	-.081	-1.216
320	980	-.175	.072	.228	-.567	330	144	-.159	.048	.043	-.340	330	224	-.480	.106	-.049	-.928
320	981	-.129	.061	.169	-.421	330	145	-.156	.061	.065	-.421	330	225	-.463	.102	-.132	-1.086
320	982	-.130	.046	.096	-.346	330	146	-.117	.069	.115	-.443	330	226	-.457	.087	-.213	-.936
320	983	-.122	.050	.065	-.421	330	147	-.087	.067	.080	-.512	330	227	-.432	.072	-.190	-.847
320	984	-.179	.091	.464	-.337	330	148	-.150	.048	.160	-.369	330	228	-.424	.072	-.102	-.712
320	985	-.125	.059	.162	-.447	330	149	-.133	.060	.089	-.415	330	229	-.422	.068	-.171	-.816
320	986	-.124	.044	.084	-.346	330	150	-.084	.056	.283	-.324	330	230	-.538	.162	-.098	-1.295
330	101	-.014	.200	.594	-.715	330	151	-.206	.047	.014	-.432	330	231	-.544	.153	-.046	-1.143
330	102	.419	.190	.947	-.478	330	152	-.133	.070	.308	-.440	330	232	-.516	.126	-.038	-1.144
330	103	-.184	.220	.556	-.721	330	153	-.162	.041	-.014	-.316	330	233	-.549	.130	-.046	-1.241
330	104	-.388	.094	.046	-.783	330	154	-.123	.050	.142	-.500	330	234	-.525	.115	-.143	-1.09
330	105	-.157	.262	.806	-.891	330	155	-.099	.063	.122	-.724	330	235	-.511	.103	-.252	-1.327
330	106	-.193	.075	.084	-.493	330	156	-.108	.045	.046	-.422	330	236	-.505	.102	-.207	-1.028
330	107	-.032	.095	.327	-.329	330	157	-.175	.038	.021	-.314	330	237	-.502	.096	-.219	-.991
330	108	.052	.109	.424	-.282	330	158	-.207	.046	.004	-.382	330	238	-.411	.132	-.051	-1.113
330	109	.048	.113	.481	-.391	330	159	-.175	.039	-.017	-.296	330	239	-.423	.131	-.021	-1.152
330	110	.068	.132	.461	-.457	330	160	-.105	.058	.182	-.321	330	240	-.457	.141	.045	-1.036
330	111	.250	.143	.695	-.238	330	161	-.104	.055	.182	-.294	330	241	-.521	.141	-.052	-1.091
330	112	-.197	.070	.113	-.468	330	162	-.108	.050	.137	-.442	330	242	-.579	.160	-.097	-1.462
330	113	.208	.107	.561	-.094	330	163	-.125	.040	.056	-.241	330	243	-.593	.150	-.143	-1.476
330	114	.368	.128	.760	.007	330	164	-.122	.038	.077	-.261	330	244	-.593	.143	-.201	-1.554
330	115	.435	.155	.951	.006	330	165	.961	.124	.590	-.218	330	245	-.607	.155	-.204	-1.448
330	116	.474	.152	.954	.059	330	166	-.003	.107	.578	-.228	330	246	-.289	.114	-.030	-1.043
330	117	.329	.168	.847	-.158	330	167	-.038	.078	.308	-.213	330	247	-.275	.094	-.019	-.762
330	118	-.240	.075	.076	-.845	330	168	.014	.079	.701	-.148	330	248	-.222	.076	.190	-.739
330	119	.187	.103	.794	-.146	330	169	-.111	.073	.114	-.548	330	249	-.216	.095	.010	-.728
330	120	.351	.124	.768	.015	330	170	-.140	.038	-.006	-.329	330	250	-.270	.148	-.007	-1.006
330	121	.434	.142	.889	.092	330	201	-.494	.126	-.155	-1.346	330	251	-.380	.196	-.027	-1.201
330	122	.448	.139	.914	.095	330	202	-.576	.121	-.195	-1.085	330	252	-.503	.169	-.010	-1.206
330	123	.172	.163	.987	-.346	330	203	-.492	.108	-.156	-.897	330	253	-.553	.188	-.027	-1.402
330	124	-.337	.083	.022	-.702	330	204	-.489	.133	-.158	-1.313	330	254	-.311	.134	-.047	-1.095
330	125	.088	.097	.535	-.210	330	205	-.521	.120	-.238	-1.103	330	255	-.258	.085	-.050	-.608
330	126	.236	.117	.675	-.101	330	206	-.463	.154	-.059	-1.193	330	256	-.179	.043	-.015	-.448

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	257	-.161	.039	-.012	-.394	330	330	-.311	.088	-.041	-1.181	330	431	-.606	.191	-.061	-1.826
330	258	-.175	.046	-.025	-.599	330	331	-.329	.086	-.121	-.826	330	432	-.365	.219	.103	-1.289
330	259	-.190	.063	-.035	-.632	330	332	-.332	.081	-.109	-.881	330	433	-.201	.067	.020	-.761
330	260	-.209	.063	-.037	-.567	330	333	-.348	.072	-.130	-.710	330	434	-.201	.041	-.020	-.450
330	261	-.196	.055	-.015	-.497	330	334	-.371	.083	-.119	-.718	330	435	-.239	.040	-.050	-.425
330	262	-.148	.035	-.003	-.271	330	335	-.406	.099	-.156	-.813	330	436	-.327	.062	-.124	-.674
330	263	-.146	.034	.002	-.281	330	336	-.307	.119	-.057	-1.254	330	437	-.306	.064	-.064	-.736
330	264	-.165	.033	-.048	-.276	330	337	-.328	.118	-.043	-1.215	330	438	-.486	.208	.094	-1.327
330	265	-.176	.037	-.018	-.332	330	338	-.325	.114	.001	-.991	330	439	-.502	.158	-.012	-1.286
330	266	-.231	.045	-.106	-.463	330	339	-.293	.093	-.021	-.744	330	440	-.280	.112	-.043	-.991
330	267	-.245	.048	-.119	-.481	330	340	-.308	.121	-.048	-1.023	330	441	-.208	.037	-.082	-.492
330	268	-.258	.044	-.119	-.580	330	341	-.299	.116	-.013	-1.087	330	442	-.299	.036	-.048	-.347
330	269	-.165	.031	-.018	-.284	330	342	-.319	.088	-.060	-.798	330	443	-.240	.043	-.087	-.464
330	270	-.213	.030	-.048	-.309	330	343	-.325	.082	-.053	-.808	330	444	-.325	.086	-.090	-.988
330	271	-.224	.028	-.101	-.327	330	344	-.282	.092	-.023	-.756	330	445	-.290	.079	-.060	-.969
330	272	-.286	.051	-.106	-.499	330	345	-.245	.083	.031	-.700	330	446	-.255	.129	.080	-.818
330	273	-.081	.043	.106	-.203	330	346	-.272	.097	-.011	-.656	330	447	-.291	.095	-.028	-.734
330	274	-.091	.048	.147	-.225	330	347	-.281	.107	-.038	-.827	330	448	-.198	.064	-.013	-.555
330	275	-.127	.047	.099	-.261	330	348	-.238	.057	-.086	-.499	330	449	-.184	.038	-.047	-.394
330	276	-.178	.054	.030	-.441	330	349	-.239	.055	-.058	-.471	330	450	-.196	.033	-.069	-.357
330	277	-.215	.115	.225	-.760	330	401	-.627	.255	.262	-1.375	330	451	-.224	.044	-.065	-.438
330	301	-.500	.131	-.150	-1.144	330	402	-.349	.077	-.130	-.678	330	452	-.302	.096	-.050	-.896
330	302	-.461	.100	-.184	-.819	330	403	-.210	.102	.077	-.755	330	453	-.300	.100	-.065	-.965
330	303	-.474	.119	-.194	-1.147	330	404	-.220	.233	.509	-1.110	330	454	-.123	.072	.137	-.502
330	304	-.486	.119	-.182	-1.129	330	405	-.340	.073	-.119	-.672	330	455	-.170	.050	-.030	-.485
330	305	-.412	.078	-.182	-.791	330	406	-.243	.222	.606	-1.131	330	456	-.159	.034	-.052	-.342
330	306	-.279	.042	-.143	-.473	330	407	-.580	.188	-.001	-1.487	330	457	-.168	.028	-.065	-.298
330	307	-.278	.042	-.124	-.444	330	408	-.207	.104	.048	-.793	330	458	-.190	.030	-.089	-.328
330	308	-.297	.045	-.111	-.467	330	409	-.190	.056	.022	-.413	330	459	-.220	.039	-.087	-.404
330	309	-.322	.055	-.130	-.535	330	410	-.202	.044	-.026	-.366	330	460	-.304	.075	-.094	-.662
330	310	-.350	.067	-.101	-.676	330	411	-.226	.037	-.033	-.360	330	461	-.343	.096	-.116	-.842
330	311	-.390	.095	-.074	-.800	330	412	-.318	.048	-.173	-.510	330	462	-.166	.035	-.003	-.291
330	312	-.285	.037	-.119	-.423	330	413	-.275	.046	-.116	-.481	330	463	-.179	.030	-.046	-.276
330	313	-.291	.038	-.171	-.476	330	414	-.476	.323	.596	-1.496	330	464	-.216	.052	-.046	-.446
330	314	-.294	.038	-.164	-.434	330	415	-.558	.209	.129	-1.346	330	465	-.108	.043	.033	-.451
330	315	-.308	.039	-.163	-.488	330	416	-.247	.244	.201	-1.283	330	466	-.183	.026	-.071	-.344
330	316	-.340	.052	-.129	-.533	330	417	-.144	.061	.129	-.519	330	467	-.190	.027	-.053	-.382
330	317	-.392	.082	-.145	-.726	330	418	-.157	.049	.065	-.395	330	468	-.154	.022	-.061	-.246
330	318	-.301	.040	-.153	-.445	330	419	-.207	.037	-.059	-.318	330	469	-.132	.017	-.051	-.203
330	319	-.309	.041	-.164	-.471	330	420	-.306	.040	-.176	-.461	330	470	-.205	.037	-.094	-.593
330	320	-.316	.040	-.168	-.499	330	421	-.287	.039	-.137	-.450	330	471	-.195	.029	-.094	-.377
330	321	-.329	.044	-.176	-.506	330	422	-.566	.317	.453	-1.884	330	472	-.193	.035	-.091	-.558
330	322	-.354	.055	-.150	-.570	330	423	-.559	.205	.177	-1.299	330	473	-.110	.059	.080	-.413
330	323	-.433	.095	-.137	-.864	330	424	-.334	.264	.168	-1.209	330	474	-.195	.032	-.077	-.317
330	324	-.311	.053	-.091	-.629	330	425	-.167	.101	.165	-.976	330	475	-.171	.023	-.051	-.270
330	325	-.320	.059	-.142	-.827	330	426	-.165	.048	.059	-.437	330	476	-.172	.026	-.070	-.275
330	326	-.330	.059	-.174	-.835	330	427	-.223	.039	-.033	-.348	330	477	-.147	.025	-.056	-.246
330	327	-.346	.058	-.103	-.608	330	428	-.331	.047	-.157	-.513	330	478	-.134	.027	-.003	-.222
330	328	-.373	.072	-.161	-.876	330	429	-.304	.045	-.129	-.570	330	479	-.188	.025	-.091	-.277
330	329	-.448	.104	-.145	-.843	330	430	-.569	.275	.391	-1.662	330	480	-.095	.076	.189	-.600

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	481	-.231	.044	-.072	-.410
330	482	-.167	.024	-.075	-.253
330	483	-.143	.026	-.027	-.234
330	484	-.132	.027	-.022	-.244
330	485	-.206	.031	-.091	-.332
330	486	-.179	.022	-.094	-.256
330	487	-.179	.023	-.075	-.253
330	801	-.167	.044	-.012	-.463
330	802	-.153	.039	.004	-.328
330	803	-.150	.042	.034	-.386
330	804	-.152	.053	.027	-.349
330	805	-.186	.067	.006	-.412
330	806	-.185	.115	.167	-.902
330	807	-.166	.102	.056	-.781
330	808	-.171	.086	.043	-.664
330	809	-.160	.041	-.013	-.382
330	810	-.168	.052	.001	-.468
330	811	-.162	.039	-.029	-.384
330	812	-.168	.058	.090	-.496
330	813	-.189	.098	.099	-.752
330	814	-.178	.130	.085	-1.130
330	815	-.175	.080	.045	-.644
330	816	-.179	.062	-.027	-.549
330	817	-.179	.066	.006	-.678
330	818	-.174	.049	.039	-.438
330	819	-.142	.047	.105	-.327
330	820	-.125	.068	.263	-.368
330	821	-.082	.052	.270	-.358
330	822	-.162	.042	-.024	-.348
330	823	-.161	.035	-.049	-.343
330	824	-.168	.053	-.011	-.554
330	825	-.162	.046	.018	-.420
330	826	-.172	.033	-.042	-.291
330	827	-.169	.033	-.054	-.331
330	828	-.138	.041	.077	-.264
330	829	-.171	.038	.016	-.308
330	830	-.153	.047	-.006	-.528
330	831	-.149	.041	.029	-.323
330	832	-.189	.037	-.068	-.326
330	833	-.189	.035	-.061	-.329
330	834	-.170	.040	.025	-.375
330	835	-.165	.048	.008	-.356
330	836	-.111	.049	.157	-.289
330	837	-.222	.053	-.045	-.432
330	838	-.217	.053	-.019	-.456
330	839	-.230	.045	-.056	-.423
330	840	-.231	.044	-.069	-.391
330	841	-.252	.077	.009	-.638
330	842	-.258	.081	-.022	-.608
330	843	-.279	.100	-.016	-.718
330	844	-.227	.063	-.062	-.502
330	845	-.249	.062	-.076	-.514
330	846	-.279	.069	-.048	-.581
330	847	-.293	.064	-.101	-.552
330	848	-.296	.066	-.104	-.617
330	849	-.297	.124	-.020	-.903
330	850	-.297	.118	.004	-.806
330	851	-.294	.111	-.062	-.825
330	852	-.242	.048	-.115	-.479
330	853	-.276	.078	-.080	-.630
330	854	-.337	.082	-.094	-.776
330	855	-.323	.078	-.116	-.649
330	856	-.330	.090	-.035	-.657
330	857	-.196	.058	.170	-.374
330	858	-.128	.054	.056	-.384
330	859	-.148	.028	.003	-.244
330	901	-.505	.194	.128	-1.428
330	902	-.514	.170	.146	-1.285
330	903	-.678	.181	-.021	-1.694
330	904	-.435	.126	-.042	-1.286
330	905	-.325	.110	.127	-.770
330	906	-.458	.105	-.112	-1.046
330	907	-.508	.095	-.213	-.995
330	908	-.427	.082	-.153	-.968
330	909	-.578	.133	-.205	-1.158
330	910	-.588	.151	-.169	-1.615
330	911	-.581	.154	-.250	-1.515
330	912	-.352	.084	-.143	-.828
330	913	-.283	.105	.101	-.739
330	914	-.390	.090	-.058	-1.010
330	915	-.423	.076	-.232	-.876
330	916	-.427	.076	-.190	-.779
330	917	-.367	.099	.034	-.881
330	918	-.463	.120	-.090	-1.021
330	919	-.467	.089	-.236	-1.007
330	920	-.441	.087	-.198	-.923
330	921	-.461	.210	.299	-1.134
330	922	-.204	.155	.468	-.694
330	923	-.503	.106	-.195	-.991
330	924	-.358	.103	-.043	-.703
330	925	-.352	.081	-.126	-.748
330	926	-.493	.097	-.206	-.916
330	927	-.485	.108	-.122	-1.001
330	928	-.222	.097	.073	-.642
330	929	-.672	.131	-.315	-1.191
330	930	-.497	.121	-.151	-1.303
330	931	-.371	.085	-.121	-.690
330	932	-.365	.068	-.143	-.637
330	933	-.483	.099	-.088	-.996
330	934	-.497	.117	-.007	-1.169
330	935	-.392	.084	-.126	-.744
330	936	-.472	.102	-.198	-.926
330	937	-.457	.107	-.130	-.976
330	938	-.375	.074	-.143	-.650
330	939	-.365	.061	-.164	-.585
330	940	-.442	.114	-.109	-1.007
330	941	-.457	.121	.058	-.978
330	942	-.332	.049	-.184	-.513
330	943	-.297	.048	-.132	-.492
330	944	-.333	.059	-.124	-.721
330	945	-.392	.084	-.139	-.808
330	946	-.403	.067	-.206	-.700
330	947	-.417	.112	-.035	-.910
330	948	-.422	.125	-.008	-1.221
330	949	-.454	.142	-.003	-1.186
330	950	-.276	.046	-.105	-.439
330	951	-.281	.048	-.088	-.520
330	952	-.283	.050	-.087	-.510
330	953	-.307	.053	-.093	-.537
330	954	-.362	.086	-.093	-.792
330	955	-.378	.103	-.085	-.884
330	956	-.418	.123	-.063	-.921
330	957	-.454	.147	-.110	-1.436
330	958	-.193	.049	.032	-.531
330	959	-.145	.045	.053	-.343
330	960	-.257	.077	.080	-.700
330	961	-.200	.075	.000	-.676
330	962	-.132	.057	.046	-.684
330	963	-.235	.064	-.026	-.526
330	964	-.309	.148	.092	-1.788
330	965	-.135	.055	.080	-.512
330	966	-.191	.040	-.034	-.343
330	967	-.215	.047	-.053	-.408
330	968	-.151	.054	.138	-.727
330	969	-.103	.054	.201	-.369
330	970	-.174	.065	.044	-.703
330	971	-.146	.069	.266	-.539
330	972	-.144	.046	.092	-.384
330	973	-.142	.040	.148	-.261
330	974	-.178	.042	.005	-.410
330	975	-.178	.051	.082	-.430
330	976	-.161	.037	-.019	-.360
330	977	-.186	.045	-.019	-.401
330	978	-.176	.031	-.026	-.326
330	979	-.121	.045	.084	-.326
330	980	-.208	.084	.225	-.596
330	981	-.124	.062	.103	-.329
330	982	-.128	.047	.098	-.378
330	983	-.128	.045	.074	-.290
330	984	-.201	.101	.223	-.606

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	985	-.126	.057	.169	-.323	340	149	-.076	.043	.134	-.301	340	229	-.576	.148	-.207	-1.914
330	986	-.127	.046	.039	-.370	340	150	-.072	.042	.112	-.209	340	230	-.356	.119	.025	-1.058
340	101	.080	.239	.806	-.776	340	151	-.239	.057	-.043	-.477	340	231	-.363	.127	.061	-1.027
340	102	.345	.199	.887	-.673	340	152	-.150	.041	.144	-.337	340	232	-.390	.167	.017	-1.012
340	103	-.336	.188	.570	-.881	340	153	-.140	.030	-.021	-.266	340	233	-.476	.200	.019	-1.239
340	104	-.484	.112	.090	-.958	340	154	-.116	.042	.034	-.457	340	234	-.634	.208	-.028	-1.599
340	105	-.377	.208	.558	-.940	340	155	-.152	.074	.064	-.627	340	235	-.676	.200	-.162	-1.665
340	106	-.192	.110	.236	-.390	340	156	-.127	.057	.104	-.387	340	236	-.686	.207	-.220	-1.856
340	107	-.034	.108	.394	-.377	340	157	-.180	.052	.067	-.457	340	237	-.690	.203	-.237	-1.785
340	108	.018	.119	.498	-.390	340	158	-.083	.073	.265	-.334	340	238	-.307	.076	-.117	-.852
340	109	.015	.123	.518	-.345	340	159	-.106	.061	.174	-.349	340	239	-.318	.070	-.081	-.676
340	110	.012	.125	.472	-.328	340	160	-.123	.040	.057	-.339	340	240	-.254	.079	-.048	-.801
340	111	.054	.150	.538	-.427	340	161	-.115	.043	.187	-.246	340	241	-.267	.121	.030	-.856
340	112	-.202	.107	.196	-.659	340	162	-.153	.044	-.003	-.364	340	242	-.359	.207	.058	-1.373
340	113	.285	.133	.762	-.161	340	163	-.058	.058	.197	-.239	340	243	-.579	.272	.050	-2.302
340	114	.404	.146	.859	-.037	340	164	-.080	.050	.144	-.254	340	244	-.724	.236	-.161	-1.900
340	115	.455	.156	.921	.056	340	165	.003	.106	.585	-.176	340	245	-.725	.250	-.053	-2.156
340	116	.403	.149	.853	-.057	340	166	-.005	.079	.372	-.184	340	246	-.267	.096	-.045	-.974
340	117	.082	.144	.615	-.354	340	167	-.001	.071	.382	-.151	340	247	-.274	.077	-.078	-.657
340	118	-.241	.095	.117	-.618	340	168	-.033	.063	.440	-.109	340	248	-.200	.045	-.036	-.416
340	119	.255	.123	.680	-.099	340	169	-.087	.110	.317	-.645	340	249	-.167	.044	-.015	-.447
340	120	.375	.132	.828	.007	340	170	-.158	.046	.079	-.379	340	250	-.154	.065	.002	-.699
340	121	.409	.155	.921	.048	340	201	-.535	.159	-.147	-1.401	340	251	-.182	.120	.079	-1.025
340	122	.391	.148	.936	-.018	340	202	-.643	.161	-.150	-1.452	340	252	-.333	.164	.118	-1.373
340	123	-.058	.154	.539	-.593	340	203	-.577	.137	-.164	-1.186	340	253	-.360	.203	.148	-1.215
340	124	-.345	.119	.061	-.867	340	204	-.541	.176	-.126	-1.571	340	254	-.302	.092	-.057	-.741
340	125	.133	.105	.532	-.140	340	205	-.591	.126	-.207	-1.475	340	255	-.241	.063	-.084	-.552
340	126	.253	.122	.815	-.034	340	206	-.374	.137	-.057	-1.101	340	256	-.166	.037	-.064	-.326
340	127	.310	.131	.806	.004	340	207	-.385	.138	.003	-1.151	340	257	-.153	.037	-.008	-.346
340	128	.250	.137	.776	-.076	340	208	-.394	.137	.044	-1.010	340	258	-.163	.046	.066	-.346
340	129	-.054	.152	.438	-.563	340	209	-.524	.166	-.017	-1.364	340	259	-.172	.056	.049	-.433
340	130	-.321	.141	.184	-.912	340	210	-.598	.148	-.152	-1.292	340	260	-.178	.065	.093	-.593
340	131	-.003	.078	.397	-.291	340	211	-.608	.159	-.225	-1.254	340	261	-.183	.057	.072	-.417
340	132	.054	.069	.347	-.131	340	212	-.621	.169	-.219	-1.456	340	262	-.148	.032	-.009	-.298
340	133	.055	.073	.397	-.127	340	213	-.682	.186	-.240	-1.877	340	263	-.096	.039	.112	-.228
340	134	.021	.089	.466	-.186	340	214	-.414	.178	-.008	-1.469	340	264	-.102	.038	.039	-.263
340	135	-.165	.131	.336	-.583	340	215	-.405	.173	.017	-1.341	340	265	-.126	.047	.069	-.361
340	136	-.165	.119	.146	-.729	340	216	-.419	.147	.072	-.912	340	266	-.190	.040	-.059	-.532
340	137	-.075	.060	.166	-.362	340	217	-.542	.172	.014	-1.294	340	267	-.212	.032	-.092	-.339
340	138	-.078	.046	.099	-.300	340	218	-.620	.170	.021	-1.537	340	268	-.260	.055	.094	-.558
340	139	-.083	.047	.117	-.261	340	219	-.602	.145	-.242	-1.456	340	269	-.146	.022	-.009	-.261
340	140	-.079	.059	.208	-.310	340	220	-.576	.132	-.160	-1.226	340	270	-.190	.031	-.034	-.291
340	141	-.196	.088	.198	-.547	340	221	-.596	.153	-.259	-1.402	340	271	-.189	.031	-.067	-.291
340	142	-.172	.067	.109	-.458	340	222	-.400	.173	-.007	-1.340	340	272	-.129	.065	.097	-.412
340	143	-.149	.048	.067	-.357	340	223	-.409	.164	.043	-1.127	340	273	-.084	.035	.112	-.190
340	144	-.116	.041	.072	-.265	340	224	-.424	.159	.097	-.987	340	274	-.096	.035	.039	-.215
340	145	-.067	.043	.146	-.265	340	225	-.524	.176	.037	-1.141	340	275	-.082	.039	.092	-.298
340	146	-.059	.043	.104	-.290	340	226	-.623	.181	-.058	-1.488	340	276	-.089	.054	.140	-.402
340	147	-.109	.047	.097	-.325	340	227	-.571	.138	-.173	-1.554	340	277	-.141	.086	.281	-.782
340	148	-.096	.041	.104	-.349	340	228	-.557	.138	-.187	-1.488	340	301	-.457	.135	-.120	-1.132

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	302	-.442	.113	-.164	-.930
340	303	-.436	.125	-.196	-1.130
340	304	-.447	.126	-.178	-1.052
340	305	-.402	.082	-.189	-.756
340	306	-.276	.040	-.119	-.425
340	307	-.279	.040	-.148	-.515
340	308	-.283	.037	-.117	-.427
340	309	-.313	.052	-.088	-.674
340	310	-.320	.073	-.095	-.767
340	311	-.335	.090	-.083	-.907
340	312	-.280	.036	-.161	-.461
340	313	-.283	.036	-.194	-.448
340	314	-.283	.035	-.174	-.464
340	315	-.301	.043	-.150	-.529
340	316	-.313	.061	-.137	-.542
340	317	-.335	.092	-.075	-.764
340	318	-.287	.044	-.157	-.591
340	319	-.289	.041	-.155	-.508
340	320	-.287	.038	-.173	-.435
340	321	-.296	.041	-.132	-.451
340	322	-.317	.063	-.147	-.550
340	323	-.359	.106	-.070	-.788
340	324	-.295	.053	-.131	-.663
340	325	-.289	.047	-.174	-.526
340	326	-.285	.041	-.144	-.467
340	327	-.307	.054	-.150	-.593
340	328	-.311	.063	-.121	-.606
340	329	-.329	.086	-.140	-.812
340	330	-.282	.051	-.121	-.995
340	331	-.291	.051	-.163	-.687
340	332	-.296	.045	-.161	-.581
340	333	-.310	.059	-.163	-.612
340	334	-.319	.074	-.137	-.772
340	335	-.310	.065	-.149	-.637
340	336	-.256	.057	-.071	-.686
340	337	-.264	.060	-.062	-.786
340	338	-.267	.059	-.035	-.664
340	339	-.260	.064	.065	-.719
340	340	-.281	.101	-.086	-.869
340	341	-.280	.096	-.057	-.954
340	342	-.282	.063	-.110	-.679
340	343	-.293	.061	-.101	-.732
340	344	-.276	.057	-.025	-.552
340	345	-.246	.060	.038	-.576
340	346	-.264	.071	-.042	-.635
340	347	-.274	.078	-.081	-.696
340	348	-.258	.039	-.115	-.414
340	349	-.231	.034	-.135	-.374
340	401	-.839	.201	-.008	-1.578
340	402	-.390	.093	-.108	-.766
340	403	-.386	.121	-.031	-.866
340	404	-.530	.192	.114	-1.545
340	405	-.369	.091	-.100	-.699
340	406	-.648	.232	.142	-1.577
340	407	-.896	.211	-.297	-1.749
340	408	-.502	.211	-.090	-1.404
340	409	-.318	.081	-.142	-.849
340	410	-.265	.038	-.143	-.473
340	411	-.260	.032	-.145	-.553
340	412	-.316	.047	-.165	-.481
340	413	-.277	.043	-.114	-.480
340	414	-.926	.267	-.002	-2.216
340	415	-.808	.189	-.278	-1.696
340	416	-.701	.278	.022	-1.588
340	417	-.332	.163	-.057	-1.101
340	418	-.240	.057	-.024	-.791
340	419	-.250	.035	-.085	-.475
340	420	-.308	.042	-.160	-.481
340	421	-.284	.040	-.163	-.461
340	422	-.856	.248	.256	-1.977
340	423	-.768	.183	-.010	-1.777
340	424	-.666	.258	.062	-1.492
340	425	-.399	.214	-.059	-1.174
340	426	-.276	.105	-.016	-.868
340	427	-.259	.052	.026	-.695
340	428	-.317	.053	-.089	-.609
340	429	-.284	.049	-.137	-.685
340	430	-.812	.252	.118	-1.766
340	431	-.780	.207	-.194	-1.865
340	432	-.614	.264	-.034	-1.664
340	433	-.336	.151	-.077	-1.395
340	434	-.258	.075	-.042	-.802
340	435	-.254	.044	-.072	-.568
340	436	-.321	.059	-.098	-.612
340	437	-.289	.055	-.123	-.696
340	438	-.731	.240	-.036	-1.654
340	439	-.652	.180	-.237	-1.537
340	440	-.436	.183	-.089	-1.508
340	441	-.273	.075	-.102	-.743
340	442	-.229	.039	-.056	-.428
340	443	-.243	.037	-.069	-.429
340	444	-.294	.054	-.103	-.595
340	445	-.263	.062	-.035	-.581
340	446	-.417	.145	.023	-1.259
340	447	-.386	.117	-.086	-1.152
340	448	-.265	.106	-.049	-1.123
340	449	-.201	.044	-.082	-.451
340	450	-.196	.033	-.089	-.434
340	451	-.214	.034	-.082	-.407
340	452	-.261	.047	-.104	-.471
340	453	-.257	.055	-.084	-.699
340	454	-.140	.047	.036	-.376
340	455	-.181	.049	-.052	-.465
340	456	-.163	.034	-.026	-.336
340	457	-.177	.027	-.067	-.312
340	458	-.194	.028	-.092	-.324
340	459	-.218	.032	-.106	-.373
340	460	-.271	.048	-.111	-.537
340	461	-.276	.057	-.084	-.618
340	462	-.183	.034	-.016	-.329
340	463	-.190	.031	.001	-.293
340	464	-.228	.032	-.112	-.369
340	465	-.246	.109	-.024	-.787
340	466	-.202	.029	-.094	-.351
340	467	-.216	.043	-.128	-.620
340	468	-.175	.023	-.092	-.272
340	469	-.164	.019	-.085	-.234
340	470	-.228	.039	-.111	-.480
340	471	-.198	.025	-.095	-.362
340	472	-.197	.026	-.109	-.445
340	473	-.210	.050	-.036	-.497
340	474	-.181	.033	-.028	-.293
340	475	-.188	.025	-.088	-.296
340	476	-.179	.027	-.031	-.317
340	477	-.167	.026	-.076	-.263
340	478	-.153	.027	-.045	-.241
340	479	-.196	.023	-.116	-.281
340	480	-.199	.059	-.007	-.579
340	481	-.192	.038	-.064	-.407
340	482	-.175	.024	-.092	-.270
340	483	-.158	.026	-.062	-.248
340	484	-.154	.026	-.057	-.232
340	485	-.211	.031	-.116	-.326
340	486	-.189	.022	-.111	-.274
340	487	-.188	.022	-.088	-.263
340	801	-.168	.054	.081	-.457
340	802	-.164	.042	-.030	-.373
340	803	-.151	.046	.006	-.383
340	804	-.090	.043	.053	-.250
340	805	-.035	.038	.079	-.217
340	806	-.029	.059	.167	-.606
340	807	-.099	.063	.080	-.586
340	808	-.134	.047	.032	-.380
340	809	-.163	.043	-.016	-.367
340	810	-.167	.052	-.006	-.499
340	811	-.166	.045	-.003	-.457
340	812	-.107	.047	.072	-.320
340	813	-.048	.052	.160	-.334
340	814	-.037	.063	.156	-.455
340	815	-.142	.053	.041	-.467

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	816	-.146	.054	.018	-.469	340	907	-.692	.152	-.264	-1.415	340	957	-.365	.115	-.059	-1.045
340	817	-.169	.059	.081	-.599	340	908	-.676	.185	-.245	-1.524	340	958	-.193	.037	-.031	-.408
340	818	-.173	.055	.005	-.528	340	909	-.809	.181	-.325	-1.584	340	959	-.176	.039	.001	-.338
340	819	-.153	.054	.050	-.375	340	910	-.696	.139	-.265	-1.307	340	960	-.230	.055	-.028	-.518
340	820	-.058	.069	.341	-.320	340	911	-.678	.130	-.265	-1.286	340	961	-.226	.047	.022	-.593
340	821	.012	.073	.282	-.247	340	912	-.421	.076	-.171	-.742	340	962	-.198	.039	-.016	-.336
340	822	-.177	.042	-.024	-.390	340	913	-.354	.123	.039	-.894	340	963	-.245	.036	-.136	-.422
340	823	-.162	.040	-.042	-.337	340	914	-.519	.118	-.127	-1.139	340	964	-.239	.058	-.100	-1.093
340	824	-.164	.049	-.021	-.479	340	915	-.624	.137	-.305	-1.242	340	965	-.174	.041	-.006	-.365
340	825	-.164	.046	.041	-.469	340	916	-.592	.134	-.211	-1.144	340	966	-.194	.036	-.045	-.324
340	826	-.188	.032	-.045	-.304	340	917	-.523	.160	-.166	-1.260	340	967	-.221	.033	-.127	-.350
340	827	-.177	.031	-.049	-.288	340	918	-.658	.159	-.161	-1.315	340	968	-.195	.035	-.014	-.360
340	828	-.132	.037	.043	-.268	340	919	-.635	.139	-.258	-1.355	340	969	-.135	.055	.054	-.391
340	829	-.179	.033	-.014	-.285	340	920	-.627	.165	-.171	-1.487	340	970	-.223	.050	.027	-.487
340	830	-.145	.043	.022	-.410	340	921	-.706	.168	-.179	-1.362	340	971	-.151	.049	.102	-.420
340	831	-.144	.038	.010	-.356	340	922	-.319	.131	.297	-.760	340	972	-.167	.035	.003	-.312
340	832	-.198	.028	-.096	-.337	340	923	-.653	.159	-.147	-1.391	340	973	-.123	.054	.111	-.362
340	833	-.201	.030	-.049	-.332	340	924	-.394	.095	-.180	-.967	340	974	-.175	.043	.003	-.293
340	834	-.156	.043	.031	-.330	340	925	-.443	.106	-.201	-.993	340	975	-.205	.049	.051	-.355
340	835	-.147	.037	.031	-.339	340	926	-.615	.148	-.088	-1.305	340	976	-.171	.031	.001	-.319
340	836	-.096	.047	.128	-.236	340	927	-.616	.152	-.106	-1.309	340	977	-.212	.042	.020	-.449
340	837	-.233	.039	-.059	-.400	340	928	-.366	.113	-.029	-.845	340	978	-.188	.027	-.091	-.312
340	838	-.229	.039	-.096	-.383	340	929	-.729	.142	-.346	-1.331	340	979	-.127	.041	.086	-.327
340	839	-.228	.037	-.108	-.439	340	930	-.574	.133	-.143	-1.124	340	980	-.183	.093	.245	-.563
340	840	-.236	.039	-.116	-.397	340	931	-.364	.088	-.177	-.909	340	981	-.117	.054	.112	-.276
340	841	-.234	.064	.065	-.525	340	932	-.382	.074	-.159	-.727	340	982	-.130	.044	.030	-.341
340	842	-.255	.059	-.061	-.525	340	933	-.504	.138	-.142	-1.173	340	983	-.140	.038	.008	-.351
340	843	-.271	.069	-.052	-.605	340	934	-.528	.165	-.059	-1.333	340	984	-.140	.083	.225	-.533
340	844	-.244	.047	-.107	-.437	340	935	-.390	.097	-.125	-.788	340	985	-.124	.047	.128	-.316
340	845	-.246	.044	-.095	-.455	340	936	-.445	.116	-.153	-.974	340	986	-.126	.040	.022	-.299
340	846	-.279	.051	-.132	-.556	340	937	-.449	.111	-.146	-1.040	350	101	.115	.269	.750	-.918
340	847	-.265	.048	-.140	-.518	340	938	-.341	.072	-.169	-.702	350	102	.198	.259	.997	-.970
340	848	-.269	.048	-.124	-.499	340	939	-.353	.061	-.143	-.663	350	103	-.254	.210	.663	-.897
340	849	-.281	.083	-.077	-.716	340	940	-.397	.128	.048	-1.053	350	104	-.362	.188	.423	-1.078
340	850	-.296	.085	-.089	-.699	340	941	-.435	.154	-.006	-1.200	350	105	-.397	.164	.411	-.951
340	851	-.282	.075	-.082	-.697	340	942	-.326	.045	-.203	-.537	350	106	-.134	.165	.433	-.706
340	852	-.251	.035	-.118	-.402	340	943	-.301	.043	-.174	-.470	350	107	-.050	.161	.517	-.586
340	853	-.263	.046	-.114	-.483	340	944	-.325	.053	-.145	-.552	350	108	-.002	.164	.622	-.532
340	854	-.288	.057	-.077	-.524	340	945	-.359	.073	-.117	-.710	350	109	-.014	.163	.540	-.468
340	855	-.272	.052	-.149	-.603	340	946	-.379	.068	-.224	-.675	350	110	-.050	.152	.485	-.744
340	856	-.283	.060	-.094	-.566	340	947	-.375	.115	.032	-.977	350	111	-.118	.164	.347	-.830
340	857	-.056	.067	.284	-.260	340	948	-.367	.118	.007	-1.169	350	112	-.167	.157	.627	-.904
340	858	-.190	.052	-.019	-.513	340	949	-.380	.128	.024	-1.066	350	113	.209	.149	.751	-.181
340	859	-.168	.025	-.069	-.264	340	950	-.276	.043	-.138	-.499	350	114	.291	.165	.871	-.104
340	901	-.843	.221	-.127	-1.653	340	951	-.274	.043	-.124	-.509	350	115	.305	.174	.813	-.142
340	902	-.683	.164	-.127	-1.380	340	952	-.276	.041	-.124	-.491	350	116	.256	.170	.865	-.282
340	903	-.789	.164	-.137	-1.399	340	953	-.300	.048	-.124	-.534	350	117	-.108	.168	.535	-.713
340	904	-.501	.121	-.022	-.954	340	954	-.355	.088	-.077	-.838	350	118	-.200	.153	.477	-.857
340	905	-.393	.113	.023	-.944	340	955	-.353	.103	-.041	-.790	350	119	.172	.114	.692	-.121
340	906	-.616	.158	-.158	-1.291	340	956	-.356	.108	-.077	-.883	350	120	.265	.129	.823	-.050

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	121	.286	.151	.819	-.078	350	201	-.351	.092	-.111	-.933	350	251	-.169	.084	.065	-.629
350	122	.221	.171	.792	-.186	350	202	-.663	.182	.028	-1.278	350	252	-.271	.123	.084	-.856
350	123	-.239	.166	.305	-.808	350	203	-.422	.149	.034	-1.085	350	253	-.279	.140	.119	-.997
350	124	-.195	.182	.449	-.796	350	204	-.323	.078	-.103	-.870	350	254	-.261	.065	-.076	-.617
350	125	.139	.102	.371	-.183	350	205	-.554	.216	.189	-1.450	350	255	-.206	.059	-.043	-.464
350	126	.197	.108	.795	-.075	350	206	-.263	.047	-.127	-.621	350	256	-.160	.040	-.022	-.360
350	127	.198	.129	.774	-.090	350	207	-.280	.048	-.083	-.630	350	257	-.153	.037	.020	-.367
350	128	.149	.152	.770	-.186	350	208	-.258	.066	-.018	-.803	350	258	-.160	.046	.038	-.449
350	129	-.227	.157	.315	-1.021	350	209	-.285	.097	-.035	-.916	350	259	-.169	.061	.057	-.454
350	130	-.168	.130	.449	-.688	350	210	-.380	.165	-.064	-1.205	350	260	-.181	.071	.114	-.516
350	131	.022	.066	.375	-.215	350	211	-.530	.204	-.037	-1.304	350	261	-.170	.081	.137	-.510
350	132	.055	.069	.374	-.171	350	212	-.707	.225	-.183	-1.870	350	262	-.146	.029	-.045	-.274
350	133	.049	.072	.395	-.150	350	213	-.734	.264	.092	-1.889	350	263	-.113	.034	.023	-.224
350	134	-.022	.069	.304	-.246	350	214	-.265	.046	-.137	-.694	350	264	-.121	.035	.015	-.254
350	135	-.303	.084	.080	-.653	350	215	-.266	.052	-.089	-.694	350	265	-.132	.041	.073	-.312
350	136	-.142	.095	.214	-.517	350	216	-.248	.076	.086	-.977	350	266	-.192	.034	-.065	-.350
350	137	-.081	.049	.129	-.244	350	217	-.289	.135	.002	-1.063	350	267	-.211	.029	-.103	-.337
350	138	-.091	.043	.088	-.295	350	218	-.448	.227	.023	-1.536	350	268	-.254	.052	-.075	-.486
350	139	-.095	.047	.081	-.261	350	219	-.601	.231	-.044	-1.566	350	269	-.150	.026	-.058	-.282
350	140	-.112	.054	.101	-.386	350	220	-.660	.183	-.187	-1.736	350	270	-.179	.033	-.037	-.282
350	141	-.268	.076	-.025	-.573	350	221	-.690	.209	.135	-1.854	350	271	-.179	.033	-.050	-.274
350	142	-.164	.078	.135	-.497	350	222	-.274	.066	-.118	-.965	350	272	-.128	.055	.361	-.327
350	143	-.141	.055	.059	-.372	350	223	-.278	.055	-.001	-.765	350	273	-.092	.036	.096	-.209
350	144	-.131	.040	.034	-.281	350	224	-.252	.088	.128	-.821	350	274	-.111	.035	.046	-.221
350	145	-.093	.039	.076	-.239	350	225	-.297	.149	.061	-1.138	350	275	-.100	.037	.053	-.219
350	146	-.084	.040	.086	-.254	350	226	-.419	.234	.026	-1.549	350	276	-.121	.047	.147	-.315
350	147	-.153	.045	.034	-.340	350	227	-.576	.244	-.000	-1.702	350	277	-.158	.085	.338	-.695
350	148	-.111	.043	.076	-.323	350	228	-.654	.198	-.150	-2.100	350	301	-.354	.068	-.162	-.784
350	149	-.092	.044	.153	-.391	350	229	-.688	.232	-.071	-1.785	350	302	-.353	.065	-.165	-.709
350	150	-.073	.043	.108	-.233	350	230	-.262	.044	-.116	-.586	350	303	-.319	.051	-.186	-.632
350	151	-.240	.061	-.017	-.531	350	231	-.272	.045	-.094	-.586	350	304	-.329	.056	-.171	-.720
350	152	-.150	.044	.128	-.486	350	232	-.230	.059	.034	-.643	350	305	-.345	.059	-.186	-.847
350	153	-.140	.034	.116	-.265	350	233	-.244	.115	.017	-1.126	350	306	-.260	.034	-.155	-.445
350	154	-.121	.048	.028	-.426	350	234	-.322	.204	.034	-1.566	350	307	-.261	.033	-.153	-.438
350	155	-.164	.072	.053	-.551	350	235	-.490	.252	.009	-1.760	350	308	-.265	.033	-.170	-.427
350	156	-.132	.054	.081	-.416	350	236	-.647	.205	-.105	-1.535	350	309	-.261	.033	-.163	-.467
350	157	-.189	.055	-.017	-.541	350	237	-.694	.231	.142	-1.743	350	310	-.259	.038	-.155	-.503
350	158	-.096	.066	.266	-.313	350	238	-.275	.050	-.142	-.620	350	311	-.257	.036	-.121	-.509
350	159	-.118	.064	.204	-.489	350	239	-.282	.047	-.131	-.519	350	312	-.262	.034	-.173	-.511
350	160	-.132	.041	.023	-.328	350	240	-.212	.037	-.022	-.371	350	313	-.261	.031	-.170	-.403
350	161	-.121	.043	.061	-.273	350	241	-.178	.036	-.024	-.416	350	314	-.261	.026	-.181	-.390
350	162	-.152	.044	.038	-.334	350	242	-.186	.087	.014	-.946	350	315	-.259	.028	-.176	-.429
350	163	-.070	.061	.201	-.240	350	243	-.336	.213	.078	-1.399	350	316	-.260	.032	-.165	-.455
350	164	-.083	.054	.264	-.255	350	244	-.495	.223	.100	-1.917	350	317	-.260	.036	-.153	-.612
350	165	.010	.099	.490	-.180	350	245	-.591	.212	.563	-1.685	350	318	-.273	.047	-.141	-.703
350	166	-.010	.074	.339	-.190	350	246	-.267	.089	-.061	-.920	350	319	-.266	.036	-.157	-.495
350	167	.000	.077	.379	-.160	350	247	-.245	.057	-.096	-.529	350	320	-.259	.027	-.163	-.403
350	168	.026	.063	.339	-.135	350	248	-.197	.041	-.047	-.396	350	321	-.261	.029	-.163	-.406
350	169	-.077	.106	.387	-.544	350	249	-.169	.040	-.019	-.323	350	322	-.261	.036	-.147	-.467
350	170	-.165	.045	.008	-.396	350	250	-.156	.050	.045	-.380	350	323	-.264	.043	-.136	-.596

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	324	-.277	.050	-.144	-.657	350	425	-.573	.192	-.097	-1.366	350	475	-.194	.024	-.114	-.306
350	325	-.272	.040	-.137	-.477	350	426	-.390	.138	-.014	-1.182	350	476	-.190	.023	-.095	-.273
350	326	-.265	.030	-.126	-.418	350	427	-.300	.085	.033	-.761	350	477	-.182	.023	-.092	-.275
350	327	-.262	.030	-.152	-.380	350	428	-.300	.065	-.043	-.762	350	478	-.174	.025	-.064	-.325
350	328	-.262	.033	-.158	-.408	350	429	-.286	.068	-.100	-.756	350	479	-.219	.023	-.147	-.339
350	329	-.261	.039	-.120	-.617	350	430	-.823	.275	-.249	-1.943	350	480	-.221	.067	-.019	-.583
350	330	-.273	.044	-.144	-.537	350	431	-.780	.254	-.200	-1.875	350	481	-.201	.038	-.062	-.415
350	331	-.272	.039	-.170	-.546	350	432	-.692	.208	-.219	-1.826	350	482	-.187	.023	-.107	-.273
350	332	-.272	.032	-.158	-.430	350	433	-.502	.176	-.086	-1.525	350	483	-.171	.022	-.083	-.242
350	333	-.282	.043	-.152	-.338	350	434	-.361	.124	.045	-.958	350	484	-.167	.025	-.076	-.244
350	334	-.287	.054	-.149	-.671	350	435	-.293	.086	-.011	-.728	350	485	-.239	.027	-.156	-.363
350	335	-.283	.048	-.178	-.544	350	436	-.300	.068	-.012	-.663	350	486	-.209	.021	-.135	-.277
350	336	-.232	.042	-.112	-.643	350	437	-.287	.065	-.105	-.730	350	487	-.211	.022	-.142	-.277
350	337	-.236	.039	-.117	-.433	350	438	-.716	.225	-.203	-1.724	350	801	-.172	.065	.151	-.543
350	338	-.235	.036	-.047	-.491	350	439	-.654	.187	-.273	-1.477	350	802	-.164	.059	.093	-.445
350	339	-.237	.044	-.049	-.503	350	440	-.566	.164	-.177	-1.778	350	803	-.155	.051	-.016	-.419
350	340	-.271	.075	-.121	-.703	350	441	-.397	.112	-.134	-.901	350	804	-.119	.037	.028	-.251
350	341	-.272	.085	-.114	-1.395	350	442	-.306	.096	.087	-.977	350	805	-.074	.029	.024	-.169
350	342	-.238	.045	-.100	-.469	350	443	-.262	.062	-.074	-.639	350	806	-.056	.046	.177	-.242
350	343	-.246	.043	-.112	-.551	350	444	-.284	.051	-.128	-.559	350	807	-.132	.042	.017	-.315
350	344	-.225	.045	-.075	-.647	350	445	-.257	.059	-.073	-.565	350	808	-.186	.050	-.030	-.428
350	345	-.219	.041	-.080	-.406	350	446	-.533	.148	-.089	-1.400	350	809	-.150	.063	.029	-.496
350	346	-.230	.053	-.066	-.519	350	447	-.497	.131	-.136	-1.123	350	810	-.166	.067	.090	-.575
350	347	-.246	.061	-.078	-.558	350	448	-.399	.134	-.107	-1.074	350	811	-.166	.055	-.004	-.707
350	348	-.219	.038	-.098	-.395	350	449	-.268	.074	.004	-.736	350	812	-.129	.042	.026	-.335
350	349	-.210	.035	-.080	-.365	350	450	-.219	.042	-.023	-.445	350	813	-.077	.042	.101	-.330
350	401	-.713	.172	-.198	-1.404	350	451	-.220	.034	-.091	-.353	350	814	-.060	.054	.153	-.232
350	402	-.357	.084	-.142	-.978	350	452	-.244	.040	-.113	-.421	350	815	-.187	.048	-.015	-.393
350	403	-.459	.121	-.131	-1.097	350	453	-.236	.039	-.113	-.406	350	816	-.204	.058	-.051	-.496
350	404	-.636	.201	-.057	-1.507	350	454	-.215	.052	-.052	-.535	350	817	-.175	.064	.163	-.498
350	405	-.332	.076	-.109	-1.020	350	455	-.232	.057	-.088	-.644	350	818	-.164	.060	.029	-.470
350	406	-.872	.244	-.031	-2.263	350	456	-.205	.043	-.081	-.394	350	819	-.156	.053	.015	-.414
350	407	-.949	.231	-.262	-2.331	350	457	-.200	.031	-.103	-.353	350	820	-.099	.052	.168	-.265
350	408	-.647	.187	-.260	-1.404	350	458	-.204	.027	-.113	-.362	350	821	-.018	.063	.324	-.227
350	409	-.432	.118	-.203	-1.052	350	459	-.214	.028	-.120	-.333	350	822	-.208	.045	-.037	-.393
350	410	-.316	.064	-.121	-.752	350	460	-.240	.040	-.127	-.459	350	823	-.206	.048	-.065	-.437
350	411	-.284	.052	-.034	-.705	350	461	-.249	.045	-.119	-.533	350	824	-.160	.050	.077	-.557
350	412	-.290	.045	-.118	-.629	350	462	-.185	.032	-.053	-.290	350	825	-.157	.043	-.015	-.407
350	413	-.265	.042	-.120	-.565	350	463	-.188	.029	-.085	-.290	350	826	-.202	.034	-.070	-.347
350	414	-1.038	.248	-.218	-2.225	350	464	-.207	.033	-.085	-.340	350	827	-.197	.037	-.056	-.354
350	415	-.855	.193	-.227	-1.766	350	465	-.264	.109	-.020	-.910	350	828	-.134	.035	.037	-.275
350	416	-.824	.214	-.262	-1.786	350	466	-.208	.028	-.111	-.403	350	829	-.187	.031	-.065	-.310
350	417	-.519	.173	-.116	-1.261	350	467	-.217	.036	-.123	-.477	350	830	-.147	.046	.032	-.555
350	418	-.325	.089	-.087	-.908	350	468	-.185	.021	-.121	-.277	350	831	-.144	.037	.015	-.317
350	419	-.275	.055	-.062	-.668	350	469	-.173	.018	-.100	-.235	350	832	-.202	.029	-.097	-.317
350	420	-.288	.045	-.055	-.762	350	470	-.244	.044	-.121	-.491	350	833	-.201	.030	-.081	-.363
350	421	-.267	.039	-.118	-.507	350	471	-.225	.027	-.128	-.406	350	834	-.152	.040	.091	-.310
350	422	-.877	.246	-.226	-2.047	350	472	-.228	.032	-.149	-.460	350	835	-.149	.041	.055	-.388
350	423	-.763	.214	-.284	-2.371	350	473	-.223	.052	-.052	-.515	350	836	-.132	.034	.014	-.287
350	424	-.761	.204	-.131	-1.677	350	474	-.188	.035	-.066	-.337	350	837	-.209	.033	-.093	-.343

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	838	-.204	.036	-.081	-.354	350	915	-.681	.171	-.253	-1.332	350	951	-.268	.042	-.147	-.522
350	839	-.216	.033	-.102	-.347	350	916	-.645	.166	-.237	-1.348	350	952	-.270	.043	-.141	-.541
350	840	-.214	.033	-.078	-.354	350	917	-.639	.173	-.211	-1.509	350	953	-.280	.047	-.146	-.587
350	841	-.205	.062	.097	-.420	350	918	-.674	.172	-.245	-1.392	350	954	-.277	.051	-.125	-.570
350	842	-.234	.049	-.095	-.433	350	919	-.576	.188	-.089	-1.580	350	955	-.268	.050	-.117	-.608
350	843	-.234	.055	-.078	-.459	350	920	-.546	.213	-.095	-1.804	350	956	-.267	.050	-.109	-.603
350	844	-.216	.037	-.103	-.341	350	921	-.695	.187	-.072	-1.537	350	957	-.263	.049	-.129	-.600
350	845	-.212	.035	-.074	-.352	350	922	-.276	.147	-.405	-.892	350	958	-.193	.039	-.040	-.375
350	846	-.229	.044	-.103	-.523	350	923	-.628	.199	-.009	-1.580	350	959	-.180	.042	-.002	-.353
350	847	-.241	.043	-.111	-.488	350	924	-.468	.124	-.181	-1.148	350	960	-.222	.059	-.033	-.543
350	848	-.245	.041	-.109	-.493	350	925	-.493	.113	-.216	-1.045	350	961	-.204	.049	.006	-.469
350	849	-.248	.067	-.092	-.516	350	926	-.468	.159	-.124	-1.145	350	962	-.177	.044	-.002	-.339
350	850	-.253	.057	-.058	-.498	350	927	-.445	.163	-.108	-1.487	350	963	-.216	.037	-.096	-.385
350	851	-.241	.055	-.090	-.514	350	928	-.421	.103	-.150	-.915	350	964	-.243	.064	-.091	-.825
350	852	-.218	.030	-.110	-.366	350	929	-.619	.130	-.256	-1.232	350	965	-.165	.039	.001	-.327
350	853	-.221	.037	-.101	-.418	350	930	-.412	.136	-.024	-.974	350	966	-.195	.035	-.067	-.320
350	854	-.247	.043	-.103	-.477	350	931	-.346	.075	-.142	-.843	350	967	-.200	.032	-.079	-.322
350	855	-.251	.042	-.116	-.548	350	932	-.350	.072	-.136	-.815	350	968	-.183	.039	-.035	-.363
350	856	-.237	.042	-.115	-.479	350	933	-.359	.092	-.128	-.910	350	969	-.153	.055	.095	-.425
350	857	-.071	.066	.493	-.258	350	934	-.340	.109	-.046	-1.276	350	970	-.203	.054	.008	-.515
350	858	-.195	.050	-.040	-.572	350	935	-.324	.063	-.082	-.637	350	971	-.155	.049	.073	-.373
350	859	-.177	.024	-.100	-.262	350	936	-.333	.054	-.205	-.698	350	972	-.159	.038	.044	-.281
350	901	-.976	.230	-.315	-1.911	350	937	-.328	.064	-.016	-.773	350	973	-.146	.051	.150	-.327
350	902	-.708	.185	-.084	-1.585	350	938	-.298	.054	-.086	-.735	350	974	-.176	.037	.078	-.295
350	903	-.709	.210	.043	-1.604	350	939	-.299	.054	-.035	-.632	350	975	-.193	.043	.022	-.370
350	904	-.456	.162	.070	-1.270	350	940	-.302	.063	-.090	-.905	350	976	-.181	.033	-.007	-.334
350	905	-.416	.141	.194	-1.075	350	941	-.294	.077	-.050	-1.041	350	977	-.199	.039	-.040	-.401
350	906	-.663	.192	.014	-1.435	350	942	-.295	.038	-.175	-.519	350	978	-.199	.026	-.091	-.346
350	907	-.690	.198	-.072	-1.599	350	943	-.295	.043	-.121	-.514	350	979	-.140	.043	-.003	-.467
350	908	-.744	.225	-.116	-1.857	350	944	-.292	.049	-.123	-.485	350	980	-.159	.056	.078	-.491
350	909	-.843	.208	-.231	-1.586	350	945	-.296	.053	-.114	-.557	350	981	-.137	.041	.095	-.317
350	910	-.735	.181	-.243	-1.576	350	946	-.300	.038	-.146	-.515	350	982	-.131	.040	.016	-.368
350	911	-.648	.178	-.202	-1.612	350	947	-.291	.049	-.115	-.591	350	983	-.147	.043	.011	-.468
350	912	-.384	.091	-.045	-.846	350	948	-.293	.054	-.091	-.715	350	984	-.152	.055	.096	-.420
350	913	-.358	.141	-.176	-1.125	350	949	-.287	.056	-.072	-.887	350	985	-.139	.039	.065	-.317
350	914	-.585	.164	-.097	-1.348	350	950	-.269	.044	-.134	-.567	350	986	-.131	.036	.015	-.289

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	140	-.248	.043	-.069	-.484
110	215	-.422	.129	-.104	-1.312
110	223	-.497	.254	.046	-1.706
110	231	-.508	.323	.203	-1.876
110	239	-.375	.308	.408	-1.592
110	243	-.075	.130	.454	-.594
110	248	-.050	.118	.370	-.591
112	140	-.253	.048	-.073	-.571
112	215	-.443	.147	-.112	-1.228
112	223	-.539	.258	.070	-2.135
112	231	-.665	.352	.175	-2.095
112	239	-.458	.330	.337	-1.718
112	243	-.116	.148	.471	-.795
112	248	-.058	.137	.417	-.817
114	140	-.263	.054	-.084	-.807
114	215	-.465	.161	-.164	-1.451
114	223	-.591	.277	.040	-1.726
114	231	-.693	.346	.151	-1.967
114	239	-.593	.354	.302	-1.773
114	243	-.160	.145	.370	-.751
114	248	-.089	.139	.413	-.911
116	140	-.275	.060	-.083	-.647
116	215	-.483	.168	-.071	-1.400
116	223	-.622	.282	.040	-1.800
116	231	-.807	.340	.162	-2.104
116	239	-.710	.344	.286	-1.893
116	243	-.212	.140	.272	-.716
116	248	-.121	.143	.368	-.727
118	140	-.287	.066	-.076	-.743
118	215	-.526	.188	-.109	-1.393
118	223	-.643	.297	.072	-1.942
118	231	-.820	.330	.155	-2.278
118	239	-.759	.346	.218	-2.176
118	243	-.245	.135	.259	-.848
118	248	-.155	.142	.413	-.931
120	140	-.293	.068	-.110	-.717
120	215	-.579	.215	-.130	-1.466
120	222	-.780	.284	-.105	-1.732
120	223	-.742	.326	-.029	-1.913
120	230	-.830	.340	.190	-2.142
120	231	-.855	.344	.071	-2.098
120	239	-.801	.312	.184	-2.091
120	243	-.260	.130	.230	-.901
120	248	-.204	.141	.279	-.991
120	407	-.310	.061	-.138	-.758
120	423	-.325	.057	-.144	-.606
120	443	-.366	.062	-.178	-.707
122	140	-.296	.074	-.046	-.662
122	215	-.692	.258	-.140	-1.666
122	222	-.823	.283	-.084	-1.827
122	223	-.841	.342	.003	-2.295
122	230	-.853	.342	.188	-2.291
122	231	-.891	.329	.061	-2.295
122	239	-.801	.342	.268	-2.057
122	243	-.271	.123	.260	-.847
122	248	-.213	.143	.289	-1.675
122	407	-.316	.059	-.131	-.707
122	423	-.336	.065	-.179	-.748
122	443	-.371	.065	-.212	-.667
124	140	-.309	.076	-.919	-.651
124	215	-.770	.265	-.116	-1.785
124	222	-.904	.285	-.112	-1.941
124	223	-.966	.361	.051	-2.329
124	230	-.869	.343	.298	-2.102
124	231	-.932	.337	.153	-2.222
124	239	-.826	.329	.258	-2.419
124	243	-.296	.116	.285	-.789
124	248	-.232	.128	.238	-1.140
124	407	-.321	.055	-.131	-.573
124	423	-.345	.069	-.185	-.827
124	443	-.399	.069	-.186	-.947
126	140	-.321	.074	-.031	-.668
126	215	-.874	.272	-.121	-1.967
126	222	-.944	.313	.204	-1.921
126	223	-.981	.324	.006	-2.267
126	230	-.862	.412	.434	-2.414
126	231	-.978	.339	.016	-2.260
126	239	-.878	.313	.106	-2.360
126	243	-.303	.103	.144	-.675
126	248	-.240	.130	.200	1.339
126	407	-.339	.057	-.178	-.716
126	423	-.362	.062	-.213	-.862
126	443	-.418	.073	-.227	-.848
128	140	-.338	.080	-.916	-.696
128	215	-.901	.256	-.020	-1.737
128	222	-.899	.315	.148	-1.925
128	223	-1.013	.345	.148	-2.245
128	230	-.794	.405	.281	-2.363
128	231	-.978	.342	.354	-2.240
128	239	-.802	.308	.213	-1.904
128	243	-.318	.106	.212	-.716
128	248	-.253	.122	.130	-1.042
128	407	-.340	.054	-.173	-.594
128	423	-.371	.062	-.178	-.656
128	443	-.450	.087	-.247	-1.027
130	140	-.350	.080	-.091	-.624
130	215	-.913	.259	-.064	-1.877
130	222	-.855	.322	.040	-1.798
130	223	-1.001	.347	.405	-2.399
130	230	-.715	.401	.438	-2.095
130	231	-.929	.311	.202	-2.219
130	239	-.808	.321	.047	-2.091
130	243	-.335	.101	.140	-.786
130	248	-.249	.112	.154	-.913
130	407	-.346	.054	-.122	-.571
130	423	-.386	.063	-.215	-.796
130	443	-.469	.091	-.228	-.950
132	140	-.359	.080	-.006	-.651
132	215	-.924	.269	-.067	-1.985
132	222	-.775	.322	.296	-1.754
132	223	-1.041	.348	.272	-2.437
132	230	-.650	.373	.382	-2.024
132	231	-.953	.354	.437	-2.404
132	239	-.787	.338	.283	-2.017
132	243	-.343	.104	.210	-.684
132	248	-.294	.129	.189	-1.379
132	407	-.347	.054	-.172	-.591
132	423	-.393	.068	-.162	-.755
132	443	-.481	.094	-.254	-.968
134	140	-.366	.077	-.074	-.675
134	215	-.894	.264	-.001	-1.952
134	222	-.726	.330	.148	-1.783
134	223	-.973	.341	.374	-2.366
134	230	-.597	.404	.469	-1.983
134	231	-.872	.348	.298	-2.033
134	239	-.759	.321	.195	-2.177
134	243	-.346	.100	.161	-.671
134	248	-.289	.118	.189	-.803
134	407	-.356	.061	-.160	-.705
134	423	-.409	.073	-.216	-.778
134	443	-.504	.103	-.232	-1.001
136	140	-.376	.079	-.022	-.650
136	215	-.897	.283	.052	-2.108
136	222	-.640	.319	.182	-1.659
136	223	-.929	.352	.233	-2.450
136	230	-.501	.369	.445	-2.178
136	231	-.852	.327	.323	-2.254
136	239	-.727	.331	.253	-2.332
136	243	-.351	.098	.153	-.772
136	248	-.288	.119	.118	-1.321
136	407	-.361	.066	-.155	-.763
136	423	-.424	.077	-.210	-.804
136	443	-.509	.105	-.259	-1.305
138	140	-.384	.081	-.087	-.878
138	215	-.816	.254	-.009	-2.155
138	222	-.532	.278	.247	-1.828
138	223	-.865	.308	.184	-2.145
138	230	-.402	.334	.557	-2.157
138	231	-.796	.321	.195	-2.138
138	239	-.650	.282	.260	-1.946

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
138	243	-.353	.087	.072	-.786
138	248	-.281	.111	.217	-.832
138	407	-.378	.070	-.125	-.848
138	423	-.454	.090	-.229	-.880
138	44[illegible]	-.541	.114	-.228	-1.298
140	14[illegible]	-.393	.083	-.130	-.808
140	21[illegible]	-.802	.255	.058	-1.725
140	222	-.479	.257	.195	-1.656
140	223	-.832	.319	.200	-2.486
140	230	-.358	.301	.492	-1.859
140	231	-.743	.308	.346	-2.114
140	23[illegible]	-.640	.277	.373	-1.786
140	24[illegible]	-.352	.087	.020	-.709
140	248	-.281	.109	.134	-1.698
140	407	-.393	.078	-.200	-.800
140	423	-.474	.092	-.235	-.979
140	443	-.553	.116	-.195	-1.531
150	222	-.360	.226	.293	-1.181
150	230	-.207	.225	.665	-1.342
150	407	-.441	.114	-.104	-1.017
150	423	-.501	.114	-.193	-1.076
150	443	-.618	.167	-.200	-1.916
152	222	-.356	.207	.341	-1.072
152	230	-.196	.197	.475	-.937
152	407	-.450	.119	-.166	-.967
152	423	-.507	.113	-.196	-1.194
152	443	-.643	.178	-.200	-1.662
154	222	-.363	.213	.453	-1.066
154	230	-.170	.200	.549	-.983
154	407	-.459	.125	-.072	-1.052
154	423	-.494	.119	-.191	-1.081
154	443	-.666	.204	-.108	-2.082
156	222	-.387	.223	.372	-1.137
156	230	-.173	.183	.395	-.838
156	407	-.454	.122	-.071	-1.075
156	423	-.486	.116	-.148	-.986
156	443	-.667	.201	-.207	-1.722
158	222	-.384	.221	.231	-1.294
158	230	-.159	.189	.537	-.909
158	407	-.448	.129	-.081	-.988
158	423	-.464	.121	-.116	-1.039
158	443	-.668	.203	-.151	-1.873
160	222	-.396	.210	.273	-1.102
160	230	-.138	.172	.406	-.829
160	407	-.440	.144	-.093	-1.107
160	423	-.454	.132	-.054	-1.027
160	443	-.648	.231	-.202	-1.994
162	222	-.406	.220	.443	-1.168
162	230	-.112	.175	.470	-.894
162	407	-.407	.138	-.064	-1.027
162	423	-.400	.117	-.149	-1.025
162	443	-.556	.230	-.142	-1.959
164	222	-.414	.208	.131	-1.264
164	230	-.115	.187	.458	-.883
164	407	-.396	.128	-.110	-.914
164	423	-.386	.109	-.104	-1.144
164	443	-.510	.209	-.120	-2.008
166	222	-.470	.234	.258	-1.302
166	230	-.161	.221	.524	-1.145
166	407	-.346	.108	-.102	-.947
166	423	-.342	.087	-.073	-.790
166	443	-.412	.188	-.060	-1.679
168	222	-.496	.234	.200	-1.451
168	230	-.194	.229	.428	-1.031
168	407	-.328	.098	-.091	-.913
168	423	-.325	.079	-.040	-.944
168	443	-.349	.159	-.076	-1.648
170	222	-.489	.212	.237	-1.482
170	230	-.261	.210	.466	-1.267
170	407	-.282	.063	-.105	-.656
170	423	-.288	.056	-.050	-.585
170	443	-.296	.110	-.081	-1.220
200	140	-.456	.162	-.162	-1.490
200	215	-.420	.063	-.210	-.759
200	223	-.456	.070	-.228	-.745
200	231	-.515	.090	-.248	-1.102
200	239	-.586	.132	-.216	-1.339
200	243	-.528	.100	-.157	-.923
200	248	-.764	.236	-.046	-2.004
202	140	-.417	.175	-.162	-1.739
202	215	-.410	.058	-.223	-.694
202	223	-.445	.066	-.228	-.788
202	231	-.494	.087	-.224	-.875
202	239	-.553	.121	-.228	-1.248
202	243	-.504	.106	-.098	-.975
202	248	-.709	.212	-.196	-1.608
204	140	-.440	.173	-.181	-1.475
204	215	-.390	.051	-.222	-.650
204	223	-.437	.062	-.253	-.676
204	231	-.482	.079	-.208	-.805
204	239	-.538	.117	-.243	-1.209
204	243	-.511	.106	-.227	-.978
204	248	-.746	.226	-.033	-1.909
206	140	-.549	.213	-.182	-1.635
206	215	-.386	.050	-.218	-.562
206	223	-.425	.064	-.213	-.658
206	231	-.483	.088	-.238	-.873
206	239	-.542	.118	-.250	-1.231
206	243	-.515	.105	-.208	-.944
206	248	-.757	.234	-.163	-2.256
208	140	-.592	.226	-.187	-2.048
208	215	-.369	.051	-.204	-.576
208	223	-.397	.064	-.196	-.678
208	231	-.452	.090	-.186	-.819
208	239	-.520	.131	-.164	-1.269
208	243	-.470	.095	-.186	-.852
208	248	-.716	.228	-.230	-1.937
210	140	-.602	.220	-.183	-1.991
210	215	-.362	.049	-.219	-.584
210	223	-.396	.063	-.224	-.712
210	231	-.445	.087	-.212	-.880
210	239	-.521	.128	-.155	-1.301
210	243	-.479	.101	-.231	-.911
210	248	-.701	.221	-.100	-1.918
212	140	-.630	.228	-.180	-2.208
212	215	-.387	.048	-.216	-.595
212	223	-.421	.056	-.202	-.662
212	231	-.476	.086	-.220	-.817
212	239	-.559	.121	-.225	-1.105
212	243	-.528	.101	-.234	-.987
212	248	-.778	.235	-.185	-2.177
214	140	-.635	.230	-.244	-1.818
214	215	-.378	.050	-.208	-.596
214	223	-.405	.058	-.222	-.611
214	231	-.465	.090	-.185	-.789
214	239	-.541	.125	-.202	-1.097
214	243	-.503	.100	-.243	-.942
214	248	-.757	.247	-.128	-2.163
216	140	-.646	.216	-.193	-2.057
216	215	-.359	.048	-.196	-.579
216	223	-.405	.060	-.213	-.798
216	231	-.440	.086	-.213	-.820
216	239	-.523	.128	-.220	-1.122
216	243	-.478	.099	-.184	-.907
216	248	-.713	.225	-.196	-2.147
218	140	-.643	.208	-.193	-1.821
218	215	-.367	.050	-.209	-.584
218	223	-.393	.066	-.191	-.754
218	231	-.453	.087	-.211	-.830
218	239	-.519	.140	-.199	-1.348
218	243	-.447	.098	-.102	-.922
218	248	-.740	.231	-.103	-2.132
220	140	-.617	.190	-.219	-1.481
220	215	-.366	.049	-.214	-.540
220	223	-.391	.063	-.203	-.738
220	231	-.436	.090	-.230	-1.001
220	239	-.509	.134	-.210	-1.189
220	243	-.437	.093	-.149	-.809
220	248	-.740	.238	-.226	-1.966
330	140	-.068	.066	.357	-.341

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	215	-.467	.124	-.081	-1.063
330	223	-.523	.144	-.018	-1.106
330	231	-.529	.142	-.018	-1.124
330	239	-.422	.127	-.051	-.989
330	243	-.583	.144	-.265	-1.300
330	248	-.231	.085	.028	-.708
332	140	-.082	.060	.170	-.415
332	215	-.463	.152	-.009	-1.160
332	223	-.482	.156	-.035	-1.099
332	231	-.423	.135	-.037	-1.128
332	239	-.330	.078	-.085	-.689
332	243	-.599	.194	-.081	-1.555
332	248	-.206	.053	-.035	-.645
334	140	-.101	.062	.142	-.432
334	215	-.468	.159	.060	-1.176
334	223	-.482	.172	.021	-1.166
334	231	-.415	.134	-.011	-1.117
334	239	-.340	.081	-.102	-.727
334	243	-.606	.212	-.063	-1.565
334	248	-.212	.055	.019	-.536
336	140	-.107	.062	.158	-.460
336	215	-.467	.163	.071	-1.487
336	223	-.466	.175	.045	-1.198
336	231	-.404	.136	-.064	-1.081
336	239	-.360	.092	-.069	-.870
336	243	-.594	.220	-.109	-1.698
336	248	-.214	.054	-.006	-.494
338	140	-.115	.062	.131	-.381
338	215	-.439	.157	-.014	-1.221
338	223	-.468	.179	.094	-1.105
338	231	-.403	.128	.004	-.907
338	239	-.347	.092	-.057	-.978
338	243	-.598	.221	-.064	-1.799
338	248	-.216	.055	.006	-.467
340	140	-.090	.060	.124	-.340
340	215	-.397	.162	.099	-1.223
340	222	-.428	.146	-.157	-1.080
340	223	-.441	.186	.058	-1.255
340	230	-.356	.118	-.107	-1.049
340	231	-.363	.138	.009	-1.019
340	239	-.308	.082	-.004	-.755
340	243	-.562	.220	-.108	-1.745
340	248	-.202	.050	-.042	-.495
340	407	-.834	.192	-.370	-1.484
340	423	-.739	.177	-.203	-1.596
340	443	-.231	.036	-.037	-.481
342	140	-.081	.050	.118	-.300
342	215	-.294	.081	-.071	-.906
342	222	-.370	.130	-.158	-.915
342	223	-.311	.109	-.023	-.916
342	230	-.317	.110	-.099	-.969
342	231	-.288	.083	-.023	-.929
342	239	-.264	.056	-.101	-.570
342	243	-.529	.219	-.019	-1.626
342	248	-.216	.047	-.053	-.453
342	407	-.860	.198	-.339	-1.672
342	423	-.741	.173	-.248	-1.566
342	443	-.222	.039	-.009	-.471
344	140	-.095	.051	.105	-.310
344	215	-.279	.070	-.040	-.958
344	222	-.366	.134	-.139	-1.023
344	223	-.301	.098	-.030	-.996
344	230	-.312	.117	-.002	-1.069
344	231	-.282	.077	-.017	-.768
344	239	-.262	.050	-.049	-.525
344	243	-.508	.215	-.078	-1.928
344	248	-.216	.046	-.056	-.415
344	407	-.881	.179	-.394	-1.755
344	423	-.747	.170	-.344	-1.708
344	443	-.221	.046	-.030	-.534
346	140	-.114	.051	.112	-.382
346	215	-.274	.062	-.031	-.923
346	222	-.336	.111	-.147	-.940
346	223	-.281	.078	-.057	-.838
346	230	-.291	.085	-.070	-.944
346	231	-.273	.070	-.082	-.877
346	239	-.262	.051	-.111	-.652
346	243	-.466	.200	-.023	-1.473
346	248	-.210	.043	-.035	-.404
346	407	-.869	.182	-.407	-1.668
346	423	-.735	.168	-.310	-1.417
346	443	-.234	.061	-.025	-.646
348	140	-.128	.055	.105	-.437
348	215	-.259	.053	-.060	-.750
348	222	-.305	.083	-.163	-1.070
348	223	-.280	.082	-.027	-.992
348	230	-.277	.068	-.119	-.735
348	231	-.270	.064	-.030	-.743
348	239	-.257	.046	-.129	-.501
348	243	-.457	.198	.007	-1.599
348	248	-.203	.042	-.054	-.382
348	407	-.839	.185	-.387	-1.878
348	423	-.709	.180	-.277	-1.735
348	443	-.252	.078	.026	-.767
350	140	-.127	.056	.111	-.369
350	215	-.255	.044	-.103	-.648
350	222	-.269	.045	-.155	-.592
350	223	-.274	.076	-.020	-.901
350	230	-.255	.049	-.127	-.652
350	231	-.260	.057	-.025	-.724
350	239	-.252	.045	-.116	-.566
350	243	-.427	.195	.018	-1.758
350	248	-.198	.040	-.056	-.369
350	407	-.917	.191	-.376	-1.617
350	423	-.769	.201	-.273	-1.653
350	443	-.241	.057	-.056	-.612
352	222	-.268	.051	-.117	-.805
352	230	-.256	.053	-.106	-.744
352	407	-.862	.198	-.277	-1.837
352	423	-.701	.187	-.229	-1.612
352	443	-.259	.070	-.046	-.667
354	222	-.271	.048	-.163	-.619
354	230	-.259	.054	-.071	-.647
354	407	-.782	.193	-.274	-1.669
354	423	-.634	.171	-.064	-1.505
354	443	-.268	.082	-.046	-.715
356	222	-.272	.042	-.164	-.597
356	230	-.271	.053	-.111	-.638
356	407	-.689	.185	-.223	-1.644
356	423	-.588	.164	-.150	-1.369
356	443	-.283	.091	-.049	-.849
358	222	-.279	.042	-.151	-.665
358	230	-.281	.054	-.134	-.672
358	407	-.688	.162	-.189	-1.427
358	423	-.506	.139	-.155	-1.367
358	443	-.311	.097	.010	-.821

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1101	.143	.190	.951	-.648
0	1102	.171	.193	.920	-.474
0	1103	.088	.171	.661	-.479
0	1104	-.139	.132	.402	-.712
0	1105	-.254	.089	.160	-.669
0	1106	-.267	.100	.188	-.695
0	1107	-.291	.109	.233	-.771
0	1108	.128	.170	.706	-.394
0	1109	.187	.173	.956	-.389
0	1110	.201	.184	.832	-.308
0	1111	-.015	.124	.454	-.415
0	1112	-.140	.093	.295	-.429
0	1113	-.193	.101	.214	-.508
0	1114	-.252	.115	.345	-.619
0	1115	-.004	.134	.502	-.444
0	1116	.083	.143	.797	-.491
0	1117	.101	.141	.732	-.282
0	1118	.007	.109	.511	-.401
0	1119	-.077	.085	.269	-.546
0	1120	-.136	.105	.329	-.472
0	1121	-.209	.121	.452	-.957
0	1122	-.118	.099	.457	-.453
0	1123	-.044	.106	.435	-.427
0	1124	-.019	.098	.450	-.322
0	1125	-.040	.083	.350	-.375
0	1126	-.077	.072	.222	-.318
0	1127	-.124	.091	.353	-.467
0	1128	-.185	.098	.268	-.565
0	1129	-.175	.060	.204	-.415
0	1130	-.152	.067	.187	-.351
0	1131	-.127	.070	.228	-.406
0	1132	-.115	.056	.211	-.329
0	1133	-.127	.050	.075	-.346
0	1134	-.152	.060	.178	-.372
0	1135	-.187	.068	.154	-.470
0	1136	-.157	.049	.105	-.336
0	1137	-.124	.052	.097	-.296
0	1138	-.090	.056	.209	-.260
0	1139	-.081	.052	.206	-.218
0	1140	-.084	.055	.209	-.301
0	1141	-.087	.052	.132	-.289
0	1142	-.122	.048	.109	-.272
0	1143	-.056	.066	.404	-.244
0	1144	-.064	.068	.337	-.263
0	1145	-.066	.064	.247	-.246
0	1146	-.058	.060	.244	-.244
0	1147	-.039	.068	.244	-.225
0	1201	-.288	.075	.024	-.785
0	1202	-.300	.106	.158	-.784
0	1203	-.347	.142	.221	-1.649
0	1204	-.277	.069	-.014	-.847
0	1205	-.277	.071	-.034	-.832
0	1206	-.341	.109	.039	-.950
0	1207	-.673	.217	.128	-1.584
0	1208	-.747	.219	.144	-2.687
0	1209	-.277	.056	-.096	-.643
0	1210	-.289	.067	-.077	-.617
0	1211	-.384	.125	.060	-1.049
0	1212	-.626	.172	-.046	-1.339
0	1213	-.671	.154	-.249	-1.949
0	1214	-.281	.056	-.077	-.723
0	1215	-.283	.062	-.056	-.752
0	1216	-.354	.120	-.006	-1.037
0	1217	-.566	.166	-.025	-1.337
0	1218	-.569	.164	-.189	-1.594
0	1219	-.273	.045	-.115	-.513
0	1220	-.265	.054	-.091	-.591
0	1221	-.280	.081	-.009	-.816
0	1222	-.416	.132	-.079	-1.356
0	1223	-.428	.119	-.117	-1.161
0	1224	-.175	.054	.272	-.332
0	1225	-.191	.048	.157	-.365
0	1226	-.226	.052	.053	-.450
0	1227	-.258	.048	-.120	-.554
0	1228	-.265	.073	-.025	-.817
0	1229	-.184	.042	.091	-.360
0	1230	-.179	.042	.112	-.296
0	1231	-.214	.039	-.060	-.362
0	1232	-.221	.047	-.041	-.403
0	1233	-.256	.070	-.066	-.569
0	1234	-.151	.050	.067	-.299
0	1235	-.169	.040	.102	-.313
0	1236	-.166	.040	.138	-.270
0	1237	-.163	.035	.033	-.313
0	1238	-.181	.026	-.086	-.293
0	1239	-.175	.027	-.054	-.255
0	1240	-.172	.029	-.007	-.239
0	1241	-.277	.041	-.158	-.539
0	1242	-.265	.029	-.165	-.406
0	1243	-.270	.026	-.191	-.416
0	1244	-.267	.025	-.183	-.362
0	1245	-.247	.022	-.175	-.339
0	1301	-.304	.079	-.106	-.840
0	1302	-.315	.074	-.104	-.934
0	1303	-.327	.106	-.037	-.946
0	1304	-.352	.119	-.000	-1.003
0	1305	-.385	.118	-.054	-1.000
0	1306	-.299	.075	-.064	-.816
0	1307	-.275	.057	-.096	-.579
0	1308	-.285	.076	-.007	-.808
0	1309	-.296	.078	-.045	-.734
0	1310	-.301	.082	-.064	-.678
0	1311	-.309	.090	-.050	-.715
0	1312	-.303	.079	-.037	-.673
0	1313	-.293	.055	-.141	-.557
0	1314	-.294	.051	-.158	-.574
0	1315	-.267	.044	-.138	-.562
0	1316	-.270	.045	-.111	-.441
0	1317	-.271	.046	-.128	-.471
0	1318	-.273	.041	-.104	-.444
0	1319	-.280	.046	-.138	-.552
0	1320	-.276	.053	-.069	-.569
0	1321	-.289	.049	-.123	-.522
0	1322	-.291	.049	-.168	-.582
0	1323	-.261	.025	-.175	-.360
0	1324	-.264	.026	-.187	-.365
0	1325	-.268	.027	-.187	-.375
0	1326	-.268	.028	-.170	-.422
0	1327	-.285	.034	-.190	-.487
0	1328	-.285	.038	-.163	-.521
0	1329	-.287	.038	-.180	-.504
0	1330	-.293	.039	-.195	-.536
0	1331	-.261	.022	-.182	-.358
0	1332	-.266	.023	-.187	-.353
0	1333	-.271	.025	-.182	-.375
0	1334	-.265	.024	-.180	-.373
0	1335	-.278	.029	-.182	-.388
0	1336	-.296	.043	-.182	-.549
0	1337	-.307	.041	-.200	-.687
0	1338	-.295	.035	-.187	-.467
0	1339	-.252	.023	-.180	-.341
0	1340	-.265	.024	-.182	-.356
0	1341	-.258	.023	-.182	-.365
0	1342	-.262	.015	-.219	-.316
0	1343	-.267	.024	-.153	-.363
0	1344	-.278	.039	-.163	-.516
0	1345	-.295	.041	-.184	-.520
0	1346	-.278	.025	-.201	-.380
0	1347	-.242	.017	-.196	-.299
0	1348	-.248	.022	-.170	-.322
0	1349	-.247	.023	-.166	-.334
0	1350	-.252	.022	-.173	-.336
0	1351	-.243	.022	-.153	-.343
0	1352	-.233	.034	-.112	-.334
0	1353	-.246	.022	-.182	-.327
0	1354	-.246	.023	-.156	-.329
0	1355	-.249	.024	-.145	-.334
0	1356	-.250	.021	-.175	-.327
0	1357	-.246	.023	-.159	-.327
0	1358	-.250	.025	-.156	-.366

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1359	-.239	.029	-.119	-.331
0	1360	-.234	.026	-.138	-.345
0	1361	-.251	.023	-.180	-.341
0	1362	-.249	.024	-.179	-.324
0	1363	-.245	.030	-.065	-.320
0	1401	-.406	.152	-.050	-1.302
0	1402	-.393	.139	.006	-1.594
0	1403	-.344	.115	-.032	-1.033
0	1404	-.301	.067	-.114	-.697
0	1405	-.299	.081	-.107	-.923
0	1406	-.410	.152	.143	-2.062
0	1407	-.408	.133	.011	-1.525
0	1408	-.406	.140	-.034	-1.417
0	1409	-.347	.111	-.048	-.866
0	1410	-.294	.073	-.078	-.748
0	1411	-.303	.080	-.081	-.856
0	1412	-.429	.163	-.079	-1.531
0	1413	-.435	.177	-.039	-1.415
0	1414	-.345	.119	-.019	-.913
0	1415	-.300	.067	-.089	-.682
0	1416	-.302	.081	-.117	-.838
0	1417	-.424	.169	-.075	-1.790
0	1418	-.418	.194	-.050	-1.842
0	1419	-.324	.095	-.068	-.920
0	1420	-.286	.062	-.107	-.684
0	1421	-.282	.052	-.155	-.636
0	1422	-.317	.122	.008	-1.280
0	1423	-.301	.132	.011	-1.426
0	1424	-.274	.075	-.105	-.626
0	1425	-.254	.030	-.148	-.367
0	1426	-.256	.033	-.122	-.408
0	1427	-.220	.081	-.001	-.882
0	1428	-.213	.076	.085	-.945
0	1429	-.221	.066	.046	-.609
0	1430	-.164	.052	.097	-.335
0	1431	-.158	.058	.148	-.364
0	1432	-.211	.034	-.113	-.439
0	1433	-.175	.032	-.043	-.295
0	1434	-.199	.028	-.104	-.309
0	1435	-.167	.029	-.047	-.261
0	1436	-.185	.023	-.098	-.261
0	1437	-.172	.025	-.068	-.257
0	1438	-.287	.072	-.073	-.949
0	1439	-.285	.066	-.090	-.680
0	1440	-.274	.043	-.134	-.505
0	1441	-.268	.028	-.182	-.386
0	1442	-.266	.023	-.194	-.346
0	1443	-.264	.024	-.177	-.361
0	1444	-.256	.023	-.160	-.341
0	1445	-.257	.022	-.170	-.356
0	1901	-.196	.041	-.057	-.480
0	1902	-.206	.067	.037	-.637
0	1903	-.201	.079	.048	-.719
0	1904	-.200	.081	.135	-.621
0	1905	-.209	.075	.048	-.587
0	1906	-.168	.033	-.007	-.282
0	1907	-.034	.081	.367	-.214
0	1908	-.044	.072	.310	-.216
0	1909	-.051	.074	.342	-.218
0	1910	-.035	.077	.355	-.282
0	1911	-.036	.070	.278	-.259
0	1912	-.056	.070	.321	-.250
0	1913	-.058	.070	.444	-.259
0	1914	-.047	.072	.328	-.243
0	1915	-.183	.049	.046	-.478
0	1916	-.213	.089	.071	-.933
0	1917	-.401	.124	-.063	-1.099
0	1918	-.379	.149	.034	-1.468
0	1919	-.477	.181	.034	-1.486
0	1920	-.567	.183	.112	-1.570
0	1921	-.174	.042	.082	-.339
0	1922	-.345	.112	-.030	-.884
0	1923	-.401	.133	-.012	-.928
0	1924	-.161	.073	.105	-.726
0	1925	-.152	.060	.132	-.353
0	1926	-.310	.091	-.044	-.919
0	1927	-.260	.098	.086	-.779
0	1928	-.158	.043	.048	-.284
10	1101	.050	.223	1.186	-.754
10	1102	.074	.209	1.096	-.588
10	1103	.035	.187	.783	-.721
10	1104	-.095	.139	.659	-.626
10	1105	-.202	.107	.466	-.609
10	1106	-.244	.096	.218	-.843
10	1107	-.269	.085	.183	-.666
10	1108	.017	.172	.912	-.485
10	1109	.105	.183	1.127	-.828
10	1110	.153	.169	.993	-.442
10	1111	-.003	.122	.578	-.361
10	1112	-.125	.086	.275	-.449
10	1113	-.193	.083	.197	-.487
10	1114	-.248	.080	.235	-.554
10	1115	-.053	.136	.862	-.444
10	1116	.037	.151	.900	-.409
10	1117	.030	.126	.829	-.323
10	1118	-.017	.091	.435	-.316
10	1119	-.103	.070	.211	-.318
10	1120	-.173	.073	.225	-.421
10	1121	-.227	.068	.152	-.547
10	1122	-.113	.116	.681	-.466
10	1123	-.068	.120	.602	-.545
10	1124	-.047	.103	.483	-.313
10	1125	-.079	.077	.261	-.363
10	1126	-.124	.063	.147	-.354
10	1127	-.181	.066	.130	-.514
10	1128	-.227	.067	.055	-.787
10	1129	-.157	.078	.444	-.419
10	1130	-.158	.077	.342	-.395
10	1131	-.140	.079	.389	-.381
10	1132	-.139	.058	.263	-.302
10	1133	-.153	.046	.079	-.355
10	1134	-.187	.047	.032	-.352
10	1135	-.215	.059	.032	-.465
10	1136	-.149	.065	.356	-.361
10	1137	-.123	.071	.339	-.321
10	1138	-.109	.072	.351	-.400
10	1139	-.101	.053	.158	-.259
10	1140	-.096	.065	.208	-.269
10	1141	-.106	.058	.237	-.305
10	1142	-.149	.047	.075	-.400
10	1143	-.072	.081	.418	-.247
10	1144	-.096	.074	.480	-.262
10	1145	-.083	.063	.201	-.255
10	1146	-.060	.075	.411	-.310
10	1147	-.042	.083	.423	-.233
10	1201	-.289	.087	.038	-.798
10	1202	-.282	.108	.174	-.827
10	1203	-.324	.160	.261	-1.643
10	1204	-.291	.085	.007	-.794
10	1205	-.303	.098	.009	-.871
10	1206	-.361	.154	.275	-1.427
10	1207	-.566	.259	.096	-1.881
10	1208	-.741	.313	.101	-2.661
10	1209	-.285	.076	-.050	-.746
10	1210	-.294	.077	-.029	-.724
10	1211	-.375	.146	.042	-1.175
10	1212	-.603	.216	.024	-1.624
10	1213	-.661	.201	-.009	-1.493
10	1214	-.288	.066	-.043	-.757
10	1215	-.283	.076	-.046	-.793
10	1216	-.346	.139	-.000	-1.173
10	1217	-.542	.193	-.023	-1.559
10	1218	-.574	.193	-.156	-1.908
10	1219	-.255	.045	-.098	-.575
10	1220	-.240	.056	-.010	-.663
10	1221	-.239	.080	.007	-1.246
10	1222	-.411	.162	-.033	-1.588
10	1223	-.449	.167	-.114	-1.435
10	1224	-.116	.084	.643	-.289
10	1225	-.136	.078	.341	-.364

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1226	-.172	.075	.294	-.575
10	1227	-.230	.054	-.071	-.552
10	1228	-.259	.090	.100	-.943
10	1229	-.119	.090	.690	-.337
10	1230	-.132	.073	.201	-.304
10	1231	-.176	.057	.163	-.556
10	1232	-.193	.054	.150	-.482
10	1233	-.199	.063	.215	-.491
10	1234	-.143	.074	.344	-.340
10	1235	-.140	.068	.348	-.295
10	1236	-.154	.055	.168	-.309
10	1237	-.130	.043	.132	-.281
10	1238	-.179	.038	-.006	-.320
10	1239	-.152	.034	.012	-.266
10	1240	-.142	.036	.046	-.302
10	1241	-.281	.049	-.143	-.591
10	1242	-.271	.028	-.186	-.390
10	1243	-.272	.029	-.199	-.390
10	1244	-.271	.027	-.179	-.388
10	1245	-.253	.023	-.179	-.332
10	1301	-.331	.097	-.076	-1.002
10	1302	-.349	.098	-.130	-.923
10	1303	-.317	.107	-.009	-.786
10	1304	-.369	.130	.043	-1.054
10	1305	-.393	.137	-.021	-1.113
10	1306	-.316	.085	-.061	-1.111
10	1307	-.284	.073	-.076	-.672
10	1308	-.285	.086	-.001	-.811
10	1309	-.288	.081	-.058	-.630
10	1310	-.299	.087	-.041	-.759
10	1311	-.303	.091	.003	-.742
10	1312	-.293	.077	-.049	-.720
10	1313	-.306	.056	-.140	-.633
10	1314	-.306	.069	.021	-.937
10	1315	-.271	.053	-.081	-.616
10	1316	-.271	.052	-.108	-.519
10	1317	-.272	.049	-.113	-.455
10	1318	-.271	.046	-.118	-.465
10	1319	-.292	.054	-.138	-.578
10	1320	-.282	.058	-.118	-.643
10	1321	-.296	.045	-.172	-.502
10	1322	-.295	.051	-.185	-.524
10	1323	-.262	.026	-.176	-.365
10	1324	-.269	.030	-.174	-.392
10	1325	-.267	.029	-.164	-.407
10	1326	-.267	.030	-.154	-.372
10	1327	-.287	.040	-.189	-.534
10	1328	-.291	.047	-.114	-.556
10	1329	-.299	.050	-.176	-.551
10	1330	-.300	.052	-.181	-.638
10	1331	-.261	.024	-.184	-.365
10	1332	-.268	.027	-.189	-.390
10	1333	-.272	.027	-.186	-.392
10	1334	-.268	.026	-.181	-.372
10	1335	-.283	.032	-.169	-.440
10	1336	-.305	.059	.008	-.695
10	1337	-.311	.050	-.179	-.616
10	1338	-.300	.046	-.194	-.772
10	1339	-.258	.022	-.194	-.333
10	1340	-.269	.025	-.171	-.375
10	1341	-.272	.026	-.189	-.385
10	1342	-.273	.018	-.228	-.335
10	1343	-.270	.026	-.196	-.370
10	1344	-.314	.058	-.154	-.680
10	1345	-.297	.048	-.190	-.621
10	1346	-.291	.037	-.199	-.490
10	1347	-.245	.016	-.197	-.309
10	1348	-.253	.023	-.171	-.340
10	1349	-.261	.025	-.164	-.386
10	1350	-.268	.027	-.190	-.379
10	1351	-.254	.026	-.166	-.368
10	1352	-.255	.046	-.047	-.487
10	1353	-.248	.023	-.175	-.354
10	1354	-.253	.025	-.154	-.340
10	1355	-.257	.026	-.115	-.377
10	1356	-.257	.024	-.171	-.354
10	1357	-.253	.024	-.159	-.344
10	1358	-.257	.035	-.002	-.354
10	1359	-.242	.031	-.108	-.354
10	1360	-.238	.029	-.091	-.323
10	1361	-.261	.025	-.190	-.386
10	1362	-.256	.025	-.152	-.344
10	1363	-.242	.033	-.054	-.330
10	1401	-.362	.100	-.067	-1.507
10	1402	-.367	.094	-.087	-.988
10	1403	-.345	.090	-.082	-.803
10	1404	-.337	.079	-.157	-.781
10	1405	-.354	.109	-.129	-1.164
10	1406	-.356	.093	-.033	-1.358
10	1407	-.347	.081	-.108	-1.011
10	1408	-.350	.092	-.004	-.875
10	1409	-.342	.079	-.083	-.789
10	1410	-.340	.083	-.029	-.852
10	1411	-.352	.095	-.119	-.837
10	1412	-.346	.089	-.128	-1.026
10	1413	-.349	.086	-.108	-.979
10	1414	-.352	.091	-.085	-.850
10	1415	-.340	.074	-.126	-.806
10	1416	-.337	.086	-.144	-.783
10	1417	-.364	.113	-.137	-1.117
10	1418	-.368	.121	-.085	-1.473
10	1419	-.348	.091	-.106	-.852
10	1420	-.316	.075	-.149	-.717
10	1421	-.323	.084	-.173	-.970
10	1422	-.330	.106	-.074	-1.123
10	1423	-.330	.122	-.026	-1.200
10	1424	-.326	.101	-.127	-.904
10	1425	-.276	.036	-.190	-.424
10	1426	-.273	.043	-.151	-.579
10	1427	-.272	.101	-.049	-1.105
10	1428	-.268	.103	.003	-1.340
10	1429	-.248	.093	.133	-.818
10	1430	-.175	.071	.237	-.530
10	1431	-.163	.069	.211	-.545
10	1432	-.214	.029	-.092	-.360
10	1433	-.183	.037	.030	-.360
10	1434	-.211	.026	-.135	-.365
10	1435	-.183	.028	-.081	-.296
10	1436	-.199	.023	-.115	-.275
10	1437	-.188	.025	-.090	-.275
10	1438	-.281	.071	-.048	-.505
10	1439	-.286	.070	-.064	-.702
10	1440	-.271	.046	-.142	-.497
10	1441	-.268	.032	-.166	-.410
10	1442	-.271	.027	-.193	-.374
10	1443	-.271	.027	-.193	-.425
10	1444	-.265	.025	-.171	-.371
10	1445	-.264	.026	-.181	-.408
10	1901	-.206	.041	-.042	-.385
10	1902	-.231	.075	.034	-.680
10	1903	-.230	.087	-.054	-.813
10	1904	-.254	.080	.029	-.781
10	1905	-.241	.072	.022	-.694
10	1906	-.162	.046	.125	-.307
10	1907	-.023	.096	.594	-.209
10	1908	-.065	.079	.313	-.259
10	1909	-.076	.083	.537	-.314
10	1910	-.071	.092	.447	-.278
10	1911	-.058	.085	.436	-.268
10	1912	-.090	.066	.267	-.307
10	1913	-.066	.099	.544	-.262
10	1914	-.098	.076	.518	-.335
10	1915	-.197	.052	.109	-.566
10	1916	-.271	.117	-.021	-1.604
10	1917	-.399	.121	.036	-1.195
10	1918	-.380	.174	.111	-1.343
10	1919	-.496	.199	.038	-1.693
10	1920	-.595	.272	.182	-1.757
10	1921	-.173	.055	.141	-.323
10	1922	-.359	.124	.010	-.984

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1923	-.384	.147	.039	-1.011
10	1924	-.170	.081	.146	-.659
10	1925	-.180	.072	.155	-.520
10	1926	-.323	.093	-.007	-.816
10	1927	-.242	.110	.188	-.684
10	1928	-.165	.063	.274	-.346
20	1101	.014	.260	.964	-.969
20	1102	.115	.255	.923	-.872
20	1103	.122	.218	.828	-.673
20	1104	.051	.169	.753	-.511
20	1105	-.114	.133	.341	-.530
20	1106	-.174	.113	.353	-.569
20	1107	-.230	.079	.113	-.513
20	1108	.033	.215	.899	-.715
20	1109	.180	.248	1.219	-.625
20	1110	.281	.212	1.102	-.474
20	1111	.137	.166	.792	-.406
20	1112	-.051	.118	.416	-.373
20	1113	-.178	.086	.207	-.467
20	1114	-.243	.065	.132	-.528
20	1115	.017	.164	.758	-.482
20	1116	.143	.180	.739	-.438
20	1117	.216	.178	.797	-.326
20	1118	.078	.136	.622	-.322
20	1119	-.080	.085	.363	-.346
20	1120	-.180	.061	.151	-.387
20	1121	-.231	.051	-.028	-.462
20	1122	-.051	.148	.603	-.501
20	1123	.077	.165	.848	-.392
20	1124	.116	.151	.792	-.285
20	1125	.030	.113	.428	-.300
20	1126	-.096	.074	.326	-.404
20	1127	-.187	.056	.147	-.399
20	1128	-.230	.043	-.052	-.462
20	1129	-.037	.127	.622	-.688
20	1130	.017	.134	.649	-.373
20	1131	.051	.124	.615	-.314
20	1132	-.021	.098	.348	-.426
20	1133	-.111	.069	.149	-.336
20	1134	-.202	.045	.008	-.472
20	1135	-.247	.042	-.062	-.533
20	1136	.010	.134	.783	-.470
20	1137	.031	.124	.693	-.363
20	1138	.011	.115	.637	-.346
20	1139	-.018	.095	.443	-.244
20	1140	-.028	.084	.343	-.215
20	1141	-.059	.074	.292	-.242
20	1142	-.153	.057	.113	-.448
20	1143	.052	.109	.455	-.307
20	1144	.090	.116	.681	-.188
20	1145	-.081	.088	.402	-.426
20	1146	.029	.114	.486	-.278
20	1147	.090	.114	.639	-.164
20	1201	-.302	.114	.077	-.973
20	1202	-.285	.122	.261	-1.009
20	1203	-.327	.197	.428	-1.681
20	1204	-.388	.151	.006	-1.280
20	1205	-.389	.141	-.039	-1.186
20	1206	-.468	.211	.013	-1.791
20	1207	-.695	.316	-.050	-2.513
20	1208	-.802	.383	.149	-3.283
20	1209	-.382	.138	-.046	-1.101
20	1210	-.389	.133	-.039	-1.441
20	1211	-.486	.220	-.028	-1.791
20	1212	-.639	.243	-.047	-1.754
20	1213	-.658	.226	-.047	-1.933
20	1214	-.382	.150	-.018	-1.276
20	1215	-.412	.158	-.020	-1.141
20	1216	-.475	.200	.034	-1.723
20	1217	-.594	.213	-.001	-1.693
20	1218	-.586	.211	-.038	-1.875
20	1219	-.309	.084	-.061	-.909
20	1220	-.318	.111	.022	-.831
20	1221	-.393	.205	.082	-1.443
20	1222	-.562	.215	.136	-1.537
20	1223	-.584	.201	-.105	-1.546
20	1224	-.023	.126	.653	-.548
20	1225	-.069	.118	.642	-.522
20	1226	-.173	.150	.244	-1.108
20	1227	-.354	.156	-.073	-1.186
20	1228	-.406	.189	.047	-1.312
20	1229	-.025	.099	.632	-.354
20	1230	-.016	.097	.490	-.285
20	1231	-.065	.096	.389	-.616
20	1232	-.132	.099	.299	-.653
20	1233	-.237	.194	.237	-1.344
20	1234	-.002	.114	.554	-.269
20	1235	-.034	.101	.507	-.363
20	1236	-.048	.090	.393	-.325
20	1237	-.084	.065	.180	-.305
20	1238	-.167	.073	.051	-.557
20	1239	-.093	.052	.198	-.316
20	1240	-.099	.048	.111	-.249
20	1241	-.314	.075	-.145	-.725
20	1242	-.299	.038	-.176	-.488
20	1243	-.293	.033	-.191	-.418
20	1244	-.291	.029	-.212	-.395
20	1245	-.284	.030	-.196	-.390
20	1301	-.336	.125	-.014	-1.775
20	1302	-.348	.119	-.083	-1.078
20	1303	-.339	.122	.060	-1.132
20	1304	-.417	.158	-.004	-1.317
20	1305	-.466	.179	.045	-1.228
20	1306	-.354	.113	-.095	-1.107
20	1307	-.348	.111	-.049	-.974
20	1308	-.305	.107	.030	-.898
20	1309	-.315	.105	.015	-.809
20	1310	-.321	.112	-.024	-.829
20	1311	-.336	.120	.057	-.883
20	1312	-.331	.111	.001	-.854
20	1313	-.308	.070	-.135	-.743
20	1314	-.306	.070	-.076	-.713
20	1315	-.295	.067	-.095	-.573
20	1316	-.286	.066	-.083	-.578
20	1317	-.305	.071	-.123	-.637
20	1318	-.288	.056	-.118	-.576
20	1319	-.343	.082	-.115	-.745
20	1320	-.339	.089	-.051	-.775
20	1321	-.287	.048	-.130	-.507
20	1322	-.289	.045	-.135	-.534
20	1323	-.289	.034	-.194	-.421
20	1324	-.277	.035	-.151	-.491
20	1325	-.289	.036	-.176	-.411
20	1326	-.282	.037	-.164	-.443
20	1327	-.331	.068	-.174	-.684
20	1328	-.334	.076	-.144	-.702
20	1329	-.296	.046	-.122	-.512
20	1330	-.286	.038	-.127	-.514
20	1331	-.283	.032	-.196	-.450
20	1332	-.279	.030	-.186	-.386
20	1333	-.293	.032	-.196	-.423
20	1334	-.290	.033	-.188	-.408
20	1335	-.303	.039	-.193	-.475
20	1336	-.364	.081	-.198	-.860
20	1337	-.314	.049	-.164	-.551
20	1338	-.310	.048	-.176	-.551
20	1339	-.284	.030	-.206	-.376
20	1340	-.283	.030	-.193	-.386
20	1341	-.290	.032	-.201	-.480
20	1342	-.294	.026	-.225	-.403
20	1343	-.297	.035	-.203	-.420
20	1344	-.409	.091	-.198	-.894
20	1345	-.315	.052	-.179	-.656
20	1346	-.309	.038	-.221	-.504
20	1347	-.281	.022	-.214	-.368
20	1348	-.284	.028	-.193	-.403
20	1349	-.292	.032	-.202	-.436
20	1350	-.286	.033	-.198	-.422
20	1351	-.300	.038	-.156	-.445
20	1352	-.358	.075	-.123	-.768

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	1353	-.290	.032	-.195	-.443
20	1354	-.292	.031	-.195	-.403
20	1355	-.293	.033	-.184	-.410
20	1356	-.293	.033	-.191	-.413
20	1357	-.283	.032	-.186	-.403
20	1358	-.297	.036	-.200	-.476
20	1359	-.282	.037	-.141	-.415
20	1360	-.280	.034	-.167	-.396
20	1361	-.293	.033	-.202	-.415
20	1362	-.294	.035	-.184	-.417
20	1363	-.289	.041	-.116	-.448
20	1401	-.337	.076	-.153	-.869
20	1402	-.333	.077	-.146	-.853
20	1403	-.331	.084	-.080	-.965
20	1404	-.343	.089	-.144	-1.063
20	1405	-.346	.115	-.115	-1.138
20	1406	-.316	.064	-.149	-.697
20	1407	-.316	.065	-.146	-.754
20	1408	-.318	.059	-.174	-.642
20	1409	-.330	.065	-.139	-.680
20	1410	-.341	.083	-.139	-.820
20	1411	-.358	.094	-.118	-.933
20	1412	-.304	.052	-.146	-.690
20	1413	-.310	.061	-.110	-.697
20	1414	-.324	.066	-.139	-.884
20	1415	-.339	.068	-.165	-.698
20	1416	-.349	.080	-.121	-.822
20	1417	-.313	.057	-.165	-.777
20	1418	-.317	.053	-.167	-.571
20	1419	-.330	.057	-.201	-.791
20	1420	-.340	.069	-.146	-.954
20	1421	-.350	.084	-.189	-1.004
20	1422	-.326	.057	-.162	-.635
20	1423	-.339	.067	-.144	-.920
20	1424	-.351	.063	-.201	-.730
20	1425	-.335	.043	-.231	-.505
20	1426	-.329	.068	-.157	-.730
20	1427	-.378	.104	-.087	-1.385
20	1428	-.365	.090	-.093	-1.181
20	1429	-.360	.094	-.000	-.967
20	1430	-.301	.086	.139	-.735
20	1431	-.286	.093	.171	-.637
20	1432	-.246	.049	-.121	-.504
20	1433	-.209	.057	.030	-.442
20	1434	-.236	.050	-.075	-.552
20	1435	-.204	.041	-.063	-.368
20	1436	-.198	.035	-.072	-.317
20	1437	-.178	.039	-.021	-.328
20	1438	-.316	.100	-.008	-.774
20	1439	-.317	.096	-.079	-1.011
20	1440	-.300	.061	-.118	-.629
20	1441	-.290	.039	-.171	-.438
20	1442	-.292	.031	-.178	-.408
20	1443	-.294	.033	-.193	-.431
20	1444	-.290	.032	-.203	-.423
20	1445	-.293	.033	-.185	-.448
20	1901	-.232	.049	-.033	-.503
20	1902	-.351	.119	.062	-.812
20	1903	-.173	.161	.490	-1.493
20	1904	-.170	.129	.313	-.710
20	1905	-.072	.159	.453	-.744
20	1906	-.093	.076	.237	-.542
20	1907	.090	.128	.620	-.214
20	1908	-.030	.094	.430	-.233
20	1909	.098	.125	.690	-.233
20	1910	.066	.116	.658	-.221
20	1911	.070	.117	.544	-.189
20	1912	-.064	.099	.423	-.368
20	1913	.117	.124	.767	-.175
20	1914	.056	.128	.653	-.256
20	1915	-.262	.094	.146	-.638
20	1916	-.354	.101	-.059	-1.877
20	1917	-.416	.154	.023	-1.112
20	1918	-.491	.244	.255	-1.863
20	1919	-.602	.225	.151	-1.781
20	1920	-.720	.301	.125	-2.165
20	1921	-.061	.093	.423	-.405
20	1922	-.420	.159	.067	-1.215
20	1923	-.464	.208	.139	-1.366
20	1924	-.291	.110	.230	-.726
20	1925	-.305	.093	.114	-.828
20	1926	-.316	.120	.047	-1.017
20	1927	-.305	.152	.136	-1.198
20	1928	-.014	.118	.702	-.407
30	1101	-.119	.238	.917	-.904
30	1102	-.057	.240	.712	-.906
30	1103	.096	.227	.912	-.817
30	1104	.102	.166	.596	-.632
30	1105	-.033	.144	.652	-.646
30	1106	-.116	.129	.387	-.531
30	1107	-.189	.098	.177	-.545
30	1108	-.072	.205	.726	-.677
30	1109	.074	.243	.868	-.617
30	1110	.317	.239	1.008	-.552
30	1111	.296	.186	.977	-.405
30	1112	.045	.147	.565	-.340
30	1113	-.143	.102	.295	-.429
30	1114	-.210	.076	.170	-.468
30	1115	-.074	.173	.577	-.911
30	1116	.079	.206	.784	-.552
30	1117	.270	.201	.962	-.485
30	1118	.254	.161	.844	-.256
30	1119	.023	.121	.527	-.451
30	1120	-.150	.077	.161	-.379
30	1121	-.218	.056	.021	-.398
30	1122	-.083	.168	.551	-.646
30	1123	.092	.181	.707	-.552
30	1124	.261	.190	.921	-.345
30	1125	.217	.161	.659	-.396
30	1126	.023	.104	.446	-.331
30	1127	-.143	.065	.124	-.398
30	1128	-.218	.045	.008	-.390
30	1129	.024	.142	.629	-.616
30	1130	.163	.153	.704	-.365
30	1131	.262	.150	.884	-.170
30	1132	.193	.149	.718	-.319
30	1133	.016	.093	.434	-.284
30	1134	-.138	.061	.169	-.351
30	1135	-.215	.042	-.021	-.416
30	1136	.034	.137	.614	-.468
30	1137	.145	.129	.684	-.279
30	1138	.149	.144	.759	-.329
30	1139	.113	.120	.514	-.202
30	1140	.070	.101	.439	-.211
30	1141	.053	.087	.461	-.179
30	1142	-.102	.064	.150	-.327
30	1143	.185	.119	.641	-.194
30	1144	.231	.122	.742	-.127
30	1145	.034	.110	.530	-.337
30	1146	.199	.123	.624	-.132
30	1147	.234	.124	.778	-.103
30	1201	-.355	.128	.038	-1.088
30	1202	-.335	.128	.180	-.941
30	1203	-.425	.205	.487	-1.505
30	1204	-.448	.147	-.065	-1.167
30	1205	-.456	.146	-.073	-1.393
30	1206	-.475	.164	.008	-1.290
30	1207	-.542	.190	-.021	-2.044
30	1208	-.570	.238	-.045	-2.444
30	1209	-.463	.139	-.011	-1.243
30	1210	-.459	.129	-.004	-1.119
30	1211	-.474	.148	-.023	-1.293
30	1212	-.512	.157	-.089	-1.613
30	1213	-.492	.137	-.045	-1.191
30	1214	-.525	.188	.146	-1.592
30	1215	-.491	.154	.098	-1.160
30	1216	-.539	.172	-.002	-1.573
30	1217	-.512	.156	.046	-1.442
30	1218	-.506	.156	.042	-1.341
30	1219	-.350	.102	.039	-.974

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	1220	-.417	.136	.146	-1.086
30	1221	-.628	.263	.028	-1.840
30	1222	-.599	.232	-.042	-1.899
30	1223	-.561	.177	-.147	-1.329
30	1224	-.015	.163	.790	-.451
30	1225	-.078	.158	.628	-.772
30	1226	-.429	.301	.291	-1.958
30	1227	-.548	.168	-.147	-1.274
30	1228	-.535	.222	-.065	-1.753
30	1229	-.014	.124	.552	-.430
30	1230	-.015	.113	.436	-.385
30	1231	-.116	.130	.324	-.706
30	1232	-.245	.159	.236	-.894
30	1233	-.405	.261	.131	-1.518
30	1234	-.036	.146	.547	-.449
30	1235	-.006	.124	.464	-.494
30	1236	-.037	.109	.331	-.572
30	1237	-.078	.085	.366	-.388
30	1238	-.197	.076	.038	-.566
30	1239	-.112	.066	.213	-.318
30	1240	-.132	.058	.156	-.372
30	1241	-.357	.084	-.065	-1.149
30	1242	-.341	.045	-.205	-.538
30	1243	-.337	.038	-.223	-.543
30	1244	-.336	.037	-.221	-.471
30	1245	-.330	.035	-.216	-.464
30	1301	-.366	.141	-.006	-1.500
30	1302	-.361	.121	-.048	-1.438
30	1303	-.396	.139	-.023	-1.153
30	1304	-.454	.166	.046	-1.450
30	1305	-.480	.162	-.031	-1.168
30	1306	-.419	.138	-.093	-1.284
30	1307	-.394	.120	-.041	-.977
30	1308	-.352	.119	.009	-1.007
30	1309	-.368	.114	-.038	-.885
30	1310	-.385	.127	-.033	-.957
30	1311	-.398	.133	.054	-1.014
30	1312	-.380	.116	-.085	-.905
30	1313	-.334	.072	-.132	-.794
30	1314	-.338	.075	-.093	-.878
30	1315	-.338	.079	-.073	-.756
30	1316	-.333	.078	-.120	-.856
30	1317	-.353	.076	-.083	-.665
30	1318	-.332	.067	-.132	-.786
30	1319	-.391	.089	-.132	-.851
30	1320	-.405	.094	-.058	-.925
30	1321	-.309	.047	-.132	-.608
30	1322	-.312	.043	-.135	-.482
30	1323	-.339	.043	-.205	-.492
30	1324	-.311	.040	-.162	-.472
30	1325	-.333	.040	-.206	-.519
30	1326	-.321	.043	-.147	-.474
30	1327	-.395	.079	-.206	-.825
30	1328	-.426	.093	-.119	-.807
30	1329	-.318	.041	-.171	-.479
30	1330	-.326	.036	-.209	-.484
30	1331	-.323	.034	-.194	-.457
30	1332	-.320	.034	-.191	-.435
30	1333	-.334	.036	-.216	-.465
30	1334	-.322	.038	-.191	-.469
30	1335	-.343	.046	-.211	-.561
30	1336	-.444	.110	-.189	-1.043
30	1337	-.341	.041	-.219	-.512
30	1338	-.339	.038	-.221	-.494
30	1339	-.324	.034	-.229	-.450
30	1340	-.320	.033	-.221	-.455
30	1341	-.331	.035	-.226	-.460
30	1342	-.331	.028	-.261	-.427
30	1343	-.340	.040	-.224	-.474
30	1344	-.488	.122	-.206	-1.053
30	1345	-.342	.042	-.220	-.519
30	1346	-.332	.033	-.244	-.441
30	1347	-.323	.030	-.244	-.448
30	1348	-.321	.032	-.211	-.429
30	1349	-.332	.035	-.220	-.453
30	1350	-.329	.038	-.232	-.462
30	1351	-.339	.045	-.211	-.580
30	1352	-.437	.084	-.183	-.756
30	1353	-.324	.034	-.201	-.472
30	1354	-.327	.035	-.223	-.453
30	1355	-.335	.036	-.234	-.495
30	1356	-.326	.038	-.201	-.462
30	1357	-.320	.035	-.220	-.457
30	1358	-.346	.043	-.225	-.493
30	1359	-.327	.042	-.154	-.474
30	1360	-.329	.039	-.201	-.467
30	1361	-.336	.038	-.239	-.476
30	1362	-.340	.039	-.227	-.530
30	1363	-.347	.046	-.185	-.495
30	1401	-.348	.072	-.069	-.734
30	1402	-.334	.064	-.122	-.675
30	1403	-.329	.079	-.085	-.858
30	1404	-.342	.084	-.148	-.944
30	1405	-.356	.114	-.092	-1.175
30	1406	-.320	.061	-.131	-.591
30	1407	-.314	.051	-.149	-.561
30	1408	-.317	.049	-.147	-.575
30	1409	-.319	.054	-.110	-.664
30	1410	-.331	.063	-.172	-.770
30	1411	-.338	.070	-.143	-.913
30	1412	-.311	.040	-.179	-.502
30	1413	-.312	.039	-.149	-.500
30	1414	-.319	.044	-.190	-.662
30	1415	-.328	.039	-.220	-.675
30	1416	-.331	.054	-.123	-.752
30	1417	-.317	.038	-.197	-.545
30	1418	-.322	.038	-.181	-.514
30	1419	-.339	.038	-.220	-.564
30	1420	-.347	.045	-.215	-.564
30	1421	-.351	.047	-.201	-.705
30	1422	-.351	.049	-.192	-.609
30	1423	-.349	.049	-.201	-.682
30	1424	-.360	.044	-.220	-.579
30	1425	-.343	.031	-.259	-.460
30	1426	-.337	.046	-.206	-.637
30	1427	-.388	.063	-.183	-.744
30	1428	-.378	.061	-.154	-.687
30	1429	-.372	.066	-.225	-.953
30	1430	-.341	.038	-.106	-.712
30	1431	-.328	.065	-.051	-.681
30	1432	-.243	.069	.019	-.805
30	1433	-.218	.062	.038	-.459
30	1434	-.225	.063	.015	-.664
30	1435	-.208	.051	.025	-.469
30	1436	-.196	.044	-.021	-.361
30	1437	-.163	.051	.078	-.333
30	1438	-.375	.116	-.075	-.969
30	1439	-.383	.113	-.106	-.972
30	1440	-.352	.073	-.152	-.899
30	1441	-.339	.048	-.199	-.544
30	1442	-.330	.038	-.211	-.495
30	1443	-.330	.037	-.221	-.481
30	1444	-.331	.039	-.213	-.473
30	1445	-.338	.040	-.213	-.495
30	1901	-.220	.058	-.002	-.476
30	1902	-.450	.132	-.045	-1.018
30	1903	-.072	.171	.482	-.855
30	1904	.006	.153	.408	-.859
30	1905	.031	.172	.735	-.645
30	1906	-.152	.100	.119	-.709
30	1907	.245	.132	.726	-.123
30	1908	.067	.103	.634	-.275
30	1909	.205	.128	.860	-.199
30	1910	.184	.125	.837	-.135
30	1911	.243	.136	.802	-.132
30	1912	.048	.123	.514	-.310
30	1913	.250	.141	.964	-.151
30	1914	.224	.137	.761	-.211
30	1915	-.308	.086	.140	-.610
30	1916	-.372	.065	-.192	-.855

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	1917	-.481	.152	-.021	-1.120
30	1918	-.591	.262	.230	-2.015
30	1919	-.570	.190	.191	-1.577
30	1920	-.643	.248	-.045	-1.932
30	1921	-.073	.125	.410	-.619
30	1922	-.454	.155	.054	-1.192
30	1923	-.511	.196	-.034	-1.442
30	1924	-.348	.075	-.027	-.686
30	1925	-.342	.063	-.109	-.645
30	1926	-.339	.127	.008	-.986
30	1927	-.418	.162	-.019	-1.239
30	1928	.010	.137	.611	-.409
40	1101	-.243	.198	.526	-.861
40	1102	-.171	.232	.687	-.914
40	1103	-.009	.243	.699	-.856
40	1104	.135	.167	.650	-.758
40	1105	.024	.126	.633	-.560
40	1106	-.056	.119	.403	-.496
40	1107	-.166	.098	.320	-.643
40	1108	-.169	.200	.538	-1.017
40	1109	-.026	.252	.736	-.760
40	1110	.209	.273	.929	-.812
40	1111	.358	.177	.995	-.562
40	1112	.116	.137	.944	-.709
40	1113	-.084	.101	.455	-.381
40	1114	-.202	.077	.213	-.528
40	1115	-.160	.179	.538	-.795
40	1116	.002	.224	.821	-.628
40	1117	.234	.246	1.041	-.589
40	1118	.308	.169	.887	-.579
40	1119	.075	.115	.523	-.543
40	1120	-.123	.078	.269	-.372
40	1121	-.216	.060	.112	-.518
40	1122	-.108	.179	.606	-.848
40	1123	.072	.203	.768	-.672
40	1124	.269	.206	.966	-.557
40	1125	.282	.153	.795	-.301
40	1126	.051	.104	.474	-.496
40	1127	-.132	.066	.174	-.384
40	1128	-.221	.045	-.011	-.460
40	1129	.077	.162	.729	-.494
40	1130	.199	.166	.869	-.585
40	1131	.296	.170	.950	-.364
40	1132	.200	.136	.712	-.222
40	1133	.037	.094	.425	-.263
40	1134	-.144	.059	.158	-.342
40	1135	-.231	.046	.013	-.374
40	1136	.075	.120	.624	-.301
40	1137	.108	.114	.702	-.263
40	1138	.109	.123	.761	-.229
40	1139	.090	.105	.555	-.202
40	1140	.066	.093	.396	-.185
40	1141	.025	.082	.391	-.222
40	1142	-.110	.058	.124	-.337
40	1143	.163	.113	.562	-.325
40	1144	.208	.112	.732	-.121
40	1145	.015	.099	.354	-.303
40	1146	.177	.114	.604	-.129
40	1147	.230	.127	.670	-.251
40	1201	-.376	.153	.124	-1.236
40	1202	-.378	.136	.095	-.933
40	1203	-.464	.198	.136	-1.648
40	1204	-.462	.182	.085	-1.517
40	1205	-.459	.154	.009	-1.266
40	1206	-.503	.162	-.096	-1.630
40	1207	-.479	.166	-.018	-1.499
40	1208	-.460	.154	-.062	-1.484
40	1209	-.482	.197	.143	-1.669
40	1210	-.484	.170	.112	-1.244
40	1211	-.519	.154	.043	-1.190
40	1212	-.480	.132	.036	-1.023
40	1213	-.465	.131	.151	-1.099
40	1214	-.464	.230	.258	-1.732
40	1215	-.470	.226	.334	-1.393
40	1216	-.634	.251	.273	-1.935
40	1217	-.574	.200	.026	-1.560
40	1218	-.538	.194	.026	-1.347
40	1219	-.314	.130	.366	-.909
40	1220	-.312	.180	.322	-1.080
40	1221	-.549	.354	.274	-2.312
40	1222	-.712	.310	.036	-2.061
40	1223	-.679	.278	.122	-1.663
40	1224	-.072	.163	.827	-.367
40	1225	-.003	.151	.822	-.609
40	1226	-.267	.280	.351	-2.043
40	1227	-.465	.218	.034	-1.557
40	1228	-.505	.249	.087	-1.700
40	1229	.014	.110	.259	-.443
40	1230	.004	.099	.441	-.343
40	1231	-.073	.108	.319	-.670
40	1232	-.177	.139	.226	-.781
40	1233	-.260	.203	.235	-1.274
40	1234	-.022	.121	.529	-.352
40	1235	-.005	.105	.451	-.340
40	1236	-.029	.082	.280	-.374
40	1237	-.064	.093	.286	-.411
40	1238	-.153	.078	.110	-.739
40	1239	-.099	.059	.203	-.276
40	1240	-.109	.063	.182	-.304
40	1241	-.369	.084	.098	-1.076
40	1242	-.368	.054	.158	-.660
40	1243	-.364	.043	-.188	-.570
40	1244	-.361	.040	-.199	-.524
40	1245	-.352	.041	-.224	-.503
40	1301	-.403	.160	-.054	-1.767
40	1302	-.408	.155	-.064	-1.727
40	1303	-.429	.162	.093	-1.295
40	1304	-.468	.169	.007	-1.834
40	1305	-.472	.161	-.067	-1.424
40	1306	-.419	.136	-.019	-1.152
40	1307	-.419	.145	.037	-1.401
40	1308	-.363	.127	.111	-1.254
40	1309	-.390	.127	-.021	-1.290
40	1310	-.416	.131	-.021	-1.086
40	1311	-.416	.129	-.006	-1.132
40	1312	-.419	.120	-.118	-.870
40	1313	-.361	.076	-.153	-.812
40	1314	-.368	.084	-.105	-1.089
40	1315	-.356	.087	-.003	-.807
40	1316	-.363	.075	-.092	-.846
40	1317	-.385	.080	-.113	-.723
40	1318	-.369	.071	-.156	-.741
40	1319	-.416	.115	-.082	-1.150
40	1320	-.437	.131	-.062	-1.183
40	1321	-.342	.056	-.158	-.702
40	1322	-.352	.054	-.130	-.705
40	1323	-.367	.053	-.131	-.555
40	1324	-.352	.052	-.157	-.563
40	1325	-.376	.056	-.169	-.701
40	1326	-.364	.055	-.169	-.609
40	1327	-.420	.097	-.157	-.890
40	1328	-.458	.113	-.123	-1.046
40	1329	-.361	.046	-.182	-.522
40	1330	-.366	.043	-.225	-.532
40	1331	-.359	.043	-.210	-.537
40	1332	-.361	.046	-.210	-.514
40	1333	-.370	.047	-.220	-.537
40	1334	-.368	.050	-.197	-.545
40	1335	-.382	.057	-.190	-.662
40	1336	-.462	.120	-.190	-1.250
40	1337	-.384	.045	-.233	-.560
40	1338	-.379	.039	-.254	-.517
40	1339	-.354	.039	-.246	-.499
40	1340	-.355	.041	-.185	-.494
40	1341	-.373	.047	-.218	-.552
40	1342	-.367	.033	-.279	-.476
40	1343	-.381	.049	-.231	-.598
40	1344	-.567	.129	-.185	-1.224
40	1345	-.375	.042	-.253	-.511
40	1346	-.372	.037	-.269	-.511

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	1347	-.348	.030	-.257	-.458
40	1348	-.352	.040	-.211	-.479
40	1349	-.365	.042	-.243	-.530
40	1350	-.371	.044	-.238	-.525
40	1351	-.364	.047	-.216	-.535
40	1352	-.434	.089	-.199	-.781
40	1353	-.349	.043	-.219	-.525
40	1354	-.351	.046	-.209	-.506
40	1355	-.357	.043	-.202	-.513
40	1356	-.361	.045	-.211	-.525
40	1357	-.348	.039	-.224	-.484
40	1358	-.360	.044	-.226	-.499
40	1359	-.345	.049	-.170	-.530
40	1360	-.348	.045	-.204	-.501
40	1361	-.372	.046	-.253	-.605
40	1362	-.357	.046	-.190	-.540
40	1363	-.354	.059	-.178	-.549
40	1401	-.384	.082	-.154	-.732
40	1402	-.365	.075	-.142	-.802
40	1403	-.367	.093	-.124	-.929
40	1404	-.374	.087	-.159	-1.118
40	1405	-.389	.125	-.094	-1.131
40	1406	-.345	.072	-.128	-.679
40	1407	-.342	.063	-.135	-.658
40	1408	-.345	.059	-.174	-.695
40	1409	-.342	.052	-.161	-.559
40	1410	-.361	.063	-.203	-.758
40	1411	-.374	.070	-.182	-.880
40	1412	-.330	.046	-.184	-.795
40	1413	-.333	.044	-.172	-.589
40	1414	-.338	.043	-.143	-.580
40	1415	-.352	.038	-.218	-.484
40	1416	-.359	.055	-.151	-.746
40	1417	-.341	.041	-.156	-.510
40	1418	-.348	.041	-.170	-.577
40	1419	-.365	.039	-.197	-.513
40	1420	-.369	.043	-.247	-.559
40	1421	-.371	.045	-.212	-.679
40	1422	-.374	.050	-.225	-.563
40	1423	-.378	.048	-.246	-.591
40	1424	-.385	.042	-.259	-.532
40	1425	-.366	.029	-.295	-.466
40	1426	-.357	.043	-.219	-.571
40	1427	-.411	.060	-.237	-.691
40	1428	-.411	.057	-.237	-.728
40	1429	-.395	.054	-.212	-.735
40	1430	-.363	.056	-.200	-.662
40	1431	-.351	.058	-.053	-.611
40	1432	-.248	.061	-.077	-.603
40	1433	-.210	.063	.022	-.459
40	1434	-.221	.055	-.031	-.624
40	1435	-.176	.051	.020	-.449
40	1436	-.178	.041	-.029	-.341
40	1437	-.146	.051	.048	-.339
40	1438	-.405	.125	-.029	-1.258
40	1439	-.438	.142	-.107	-1.266
40	1440	-.395	.090	-.139	-1.129
40	1441	-.370	.062	-.164	-.636
40	1442	-.356	.044	-.223	-.542
40	1443	-.367	.042	-.236	-.522
40	1444	-.364	.043	-.223	-.520
40	1445	-.367	.047	-.211	-.550
40	1901	-.230	.054	-.010	-.479
40	1902	-.461	.134	-.090	-1.152
40	1903	-.076	.165	.407	-.845
40	1904	-.047	.137	.386	-.704
40	1905	-.023	.149	.552	-.606
40	1906	-.118	.088	.168	-.458
40	1907	.216	.128	.864	-.139
40	1908	.046	.094	.482	-.327
40	1909	.195	.123	.813	-.254
40	1910	.179	.119	.667	-.170
40	1911	.216	.132	.815	-.139
40	1912	.045	.109	.609	-.296
40	1913	.237	.138	.791	-.153
40	1914	.184	.122	.667	-.189
40	1915	-.327	.092	.041	-.613
40	1916	-.404	.064	-.167	-.688
40	1917	-.527	.143	-.105	-1.145
40	1918	-.545	.248	-.062	-1.912
40	1919	-.521	.182	-.010	-1.433
40	1920	-.550	.208	-.003	-1.966
40	1921	-.073	.101	.290	-.507
40	1922	-.465	.170	.024	-1.329
40	1923	-.499	.178	.079	-1.443
40	1924	-.381	.072	-.081	-.739
40	1925	-.366	.062	-.116	-.613
40	1926	-.378	.136	-.003	-.978
40	1927	-.432	.162	.056	-1.475
40	1928	-.006	.117	.620	-.439
50	1101	-.329	.138	.252	-.834
50	1102	-.316	.165	.418	-.956
50	1103	-.213	.229	.572	-.995
50	1104	.040	.239	.595	-.861
50	1105	-.032	.184	.648	-.648
50	1106	-.032	.172	.658	-.993
50	1107	-.129	.125	.381	-.731
50	1108	-.278	.158	.301	-.873
50	1109	-.207	.202	.548	-.775
50	1110	-.030	.305	.908	-.951
50	1111	.192	.291	.935	-.922
50	1112	.128	.189	.715	-.760
50	1113	-.055	.143	.497	-.758
50	1114	-.165	.114	.423	-.748
50	1115	-.181	.188	.565	-.731
50	1116	-.042	.232	.609	-.792
50	1117	.130	.275	1.006	-.856
50	1118	.227	.241	.942	-.824
50	1119	.078	.160	.658	-.665
50	1120	-.108	.098	.354	-.618
50	1121	-.194	.079	.372	-.667
50	1122	.016	.201	.813	-1.272
50	1123	.101	.215	.908	-.594
50	1124	.236	.229	.920	-.726
50	1125	.203	.163	.820	-.630
50	1126	.047	.117	.531	-.535
50	1127	-.121	.078	.313	-.456
50	1128	-.203	.051	.096	-.400
50	1129	.062	.145	.652	-.533
50	1130	.121	.160	.654	-.373
50	1131	.159	.173	.772	-.366
50	1132	.104	.130	.588	-.361
50	1133	-.013	.093	.337	-.304
50	1134	-.145	.059	.104	-.363
50	1135	-.214	.049	.001	-.370
50	1136	-.000	.087	.343	-.255
50	1137	.023	.093	.411	-.245
50	1138	.014	.090	.414	-.267
50	1139	.007	.089	.357	-.213
50	1140	-.001	.082	.352	-.277
50	1141	-.017	.077	.340	-.299
50	1142	-.133	.056	.092	-.366
50	1143	.077	.098	.475	-.221
50	1144	.106	.103	.522	-.252
50	1145	-.019	.088	.313	-.326
50	1146	.105	.103	.524	-.191
50	1147	.136	.107	.534	-.186
50	1201	-.315	.175	.294	-1.471
50	1202	-.347	.150	.201	-1.133
50	1203	-.463	.235	.119	-1.906
50	1204	-.356	.165	.193	-1.324
50	1205	-.368	.154	.297	-1.154
50	1206	-.442	.145	.108	-1.258
50	1207	-.429	.135	-.034	-1.081
50	1208	-.387	.126	-.021	-1.068
50	1209	-.305	.194	.464	-1.607
50	1210	-.317	.194	.375	-1.086
50	1211	-.451	.237	.416	-1.336
50	1212	-.451	.194	.104	-1.607
50	1213	-.436	.183	.025	-1.356

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1214	-.243	.177	.515	-1.353
50	1215	-.190	.199	.530	-1.333
50	1216	-.359	.334	.540	-2.254
50	1217	-.558	.309	.195	-2.165
50	1218	-.526	.289	.165	-1.698
50	1219	-.247	.130	.421	-.975
50	1220	-.163	.153	.702	-1.336
50	1221	-.175	.220	.613	-1.515
50	1222	-.524	.347	.281	-2.426
50	1223	-.556	.296	.214	-1.777
50	1224	.005	.104	.462	-.267
50	1225	.003	.101	.544	-.405
50	1226	-.068	.134	.307	-1.139
50	1227	-.220	.138	.056	-.929
50	1228	-.281	.205	.251	-1.499
50	1229	-.007	.079	.363	-.224
50	1230	-.012	.069	.271	-.204
50	1231	-.054	.070	.217	-.371
50	1232	-.088	.071	.149	-.430
50	1233	-.105	.082	.188	-.609
50	1234	-.026	.070	.329	-.287
50	1235	-.028	.065	.278	-.216
50	1236	-.045	.063	.234	-.277
50	1237	-.045	.073	.242	-.289
50	1238	-.087	.055	.161	-.310
50	1239	-.054	.055	.161	-.222
50	1240	-.064	.057	.193	-.236
50	1241	-.321	.108	.363	-.874
50	1242	-.339	.068	.026	-.717
50	1243	-.334	.046	-.162	-.511
50	1244	-.329	.038	-.200	-.481
50	1245	-.306	.039	-.172	-.465
50	1301	-.380	.166	-.042	-1.453
50	1302	-.401	.182	-.029	-1.443
50	1303	-.385	.167	.099	-1.501
50	1304	-.430	.165	.041	-1.419
50	1305	-.422	.124	-.087	-1.178
50	1306	-.414	.134	-.042	-1.271
50	1307	-.423	.157	.026	-1.236
50	1308	-.312	.144	.334	-1.203
50	1309	-.364	.129	.094	-1.183
50	1310	-.388	.125	-.085	-1.332
50	1311	-.391	.113	-.019	-.941
50	1312	-.398	.099	-.055	-.923
50	1313	-.346	.076	-.093	-.797
50	1314	-.353	.095	.056	-.852
50	1315	-.304	.098	.359	-.665
50	1316	-.343	.078	-.057	-.713
50	1317	-.370	.085	-.105	-.941
50	1318	-.369	.075	-.123	-.655

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1319	-.417	.140	-.052	-1.529
50	1320	-.459	.173	.193	-1.609
50	1321	-.339	.064	-.143	-.691
50	1322	-.347	.069	-.002	-.862
50	1323	-.328	.058	-.002	-.550
50	1324	-.336	.057	-.103	-.552
50	1325	-.361	.069	-.119	-.750
50	1326	-.353	.066	-.136	-.629
50	1327	-.411	.112	-.114	-.940
50	1328	-.436	.124	-.121	-1.364
50	1329	-.340	.043	-.144	-.535
50	1330	-.346	.042	-.187	-.641
50	1331	-.336	.051	.011	-.499
50	1332	-.338	.050	-.169	-.532
50	1333	-.351	.056	-.172	-.603
50	1334	-.349	.052	-.172	-.547
50	1335	-.387	.075	-.162	-.753
50	1336	-.458	.126	-.152	-1.161
50	1337	-.347	.047	-.172	-.530
50	1338	-.348	.041	-.207	-.517
50	1339	-.327	.040	-.185	-.448
50	1340	-.337	.040	-.197	-.476
50	1341	-.357	.044	-.210	-.527
50	1342	-.353	.029	-.276	-.448
50	1343	-.362	.046	-.197	-.542
50	1344	-.492	.096	-.144	-.877
50	1345	-.338	.037	-.223	-.479
50	1346	-.342	.029	-.228	-.467
50	1347	-.298	.025	-.221	-.383
50	1348	-.313	.037	-.197	-.450
50	1349	-.338	.039	-.202	-.462
50	1350	-.344	.041	-.199	-.494
50	1351	-.320	.042	-.194	-.450
50	1352	-.341	.064	-.161	-.582
50	1353	-.305	.041	-.161	-.441
50	1354	-.311	.042	-.160	-.489
50	1355	-.313	.043	-.161	-.470
50	1356	-.332	.041	-.190	-.474
50	1357	-.308	.040	-.180	-.441
50	1358	-.301	.040	-.147	-.455
50	1359	-.290	.044	-.127	-.436
50	1360	-.297	.043	-.151	-.446
50	1361	-.335	.040	-.204	-.510
50	1362	-.317	.040	-.185	-.477
50	1363	-.269	.050	-.080	-.491
50	1401	-.385	.105	-.113	-1.399
50	1402	-.364	.092	-.120	-.806
50	1403	-.367	.116	-.074	-1.541
50	1404	-.380	.109	-.135	-1.018
50	1405	-.396	.154	-.039	-1.390

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1406	-.343	.091	-.027	-.961
50	1407	-.341	.080	-.097	-.947
50	1408	-.344	.071	-.101	-.760
50	1409	-.337	.068	-.133	-.750
50	1410	-.356	.074	-.153	-.969
50	1411	-.367	.084	-.172	-.974
50	1412	-.319	.051	-.127	-.651
50	1413	-.322	.057	-.050	-.804
50	1414	-.321	.048	-.122	-.597
50	1415	-.337	.046	-.179	-.693
50	1416	-.343	.056	-.138	-.871
50	1417	-.323	.042	-.185	-.546
50	1418	-.323	.040	-.154	-.481
50	1419	-.331	.035	-.210	-.463
50	1420	-.344	.042	-.200	-.566
50	1421	-.344	.044	-.205	-.610
50	1422	-.347	.046	-.176	-.535
50	1423	-.346	.047	-.203	-.549
50	1424	-.360	.041	-.242	-.556
50	1425	-.342	.031	-.251	-.464
50	1426	-.347	.046	-.220	-.674
50	1427	-.377	.062	-.171	-.646
50	1428	-.383	.058	-.215	-.780
50	1429	-.377	.056	-.210	-.725
50	1430	-.336	.051	-.173	-.615
50	1431	-.313	.065	.034	-.544
50	1432	-.208	.046	-.054	-.567
50	1433	-.177	.049	.017	-.356
50	1434	-.188	.039	.010	-.435
50	1435	-.151	.043	.032	-.304
50	1436	-.171	.034	-.034	-.311
50	1437	-.141	.044	.069	-.316
50	1438	-.395	.104	-.078	-1.159
50	1439	-.402	.114	-.115	-1.052
50	1440	-.382	.097	-.093	-.896
50	1441	-.352	.074	-.136	-.787
50	1442	-.348	.048	-.190	-.583
50	1443	-.342	.046	-.178	-.486
50	1444	-.333	.040	-.202	-.479
50	1445	-.328	.041	-.202	-.474
50	1901	-.218	.047	-.050	-.422
50	1902	-.382	.107	.004	-.896
50	1903	-.116	.139	.359	-1.014
50	1904	-.116	.122	.274	-.699
50	1905	-.090	.119	.438	-.516
50	1906	-.063	.064	.180	-.384
50	1907	.171	.130	.650	-.187
50	1908	.013	.087	.431	-.243
50	1909	.132	.110	.652	-.267
50	1910	.102	.103	.542	-.227

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	1911	-.151	.118	.612	-.182
50	1912	-.005	.093	.359	-.299
50	1913	.154	.126	.704	-.217
50	1914	.075	.103	.561	-.290
50	1915	-.230	.090	.072	-.556
50	1916	-.382	.063	-.147	-.675
50	1917	-.490	.172	.020	-1.167
50	1918	-.502	.274	.159	-2.426
50	1919	-.478	.174	.119	-1.355
50	1920	-.454	.134	-.060	-1.277
50	1921	-.067	.065	.159	-.405
50	1922	-.427	.166	.012	-1.323
50	1923	-.451	.143	-.082	-1.247
50	1924	-.311	.077	-.043	-.570
50	1925	-.341	.057	-.147	-.577
50	1926	-.353	.148	-.049	-1.390
50	1927	-.411	.133	-.022	-1.052
50	1928	-.047	.073	.286	-.332
60	1101	-.305	.086	.059	-.762
60	1102	-.326	.096	.099	-.743
60	1103	-.346	.127	.302	-1.223
60	1104	-.255	.196	.601	-1.071
60	1105	-.154	.231	.783	-.924
60	1106	-.167	.220	.601	-.858
60	1107	-.204	.171	.528	-.838
60	1108	-.278	.125	.260	-.941
60	1109	-.300	.129	.363	-1.196
60	1110	-.311	.156	.513	-.958
60	1111	-.184	.240	.839	-.931
60	1112	-.118	.243	.724	-.708
60	1113	-.145	.197	.726	-.922
60	1114	-.205	.155	.332	-.900
60	1115	-.256	.202	.471	-1.591
60	1116	-.252	.206	.466	-1.567
60	1117	-.218	.209	.667	-.870
60	1118	-.094	.253	.849	-.735
60	1119	-.083	.208	.599	-.642
60	1120	-.143	.151	.385	-.676
60	1121	-.191	.121	.349	-.900
60	1122	-.109	.185	.702	-1.265
60	1123	-.093	.199	1.003	-1.233
60	1124	-.016	.227	.658	-.961
60	1125	.026	.202	.726	-.576
60	1126	-.010	.151	.520	-.537
60	1127	-.110	.101	.273	-.500
60	1128	-.168	.071	.148	-.476
60	1129	-.008	.127	.628	-.493
60	1130	.020	.147	.660	-.599
60	1131	.046	.144	.584	-.653
60	1132	.047	.125	.517	-.314
60	1133	-.027	.091	.306	-.348
60	1134	-.123	.066	.156	-.324
60	1135	-.181	.047	-.002	-.314
60	1136	-.062	.070	.410	-.330
60	1137	-.054	.073	.446	-.358
60	1138	-.059	.073	.323	-.248
60	1139	-.053	.076	.389	-.307
60	1140	-.064	.072	.252	-.316
60	1141	-.080	.067	.249	-.343
60	1142	-.145	.048	.057	-.307
60	1143	-.021	.079	.333	-.257
60	1144	.005	.089	.384	-.282
60	1145	-.074	.074	.288	-.346
60	1146	-.001	.089	.357	-.225
60	1147	.032	.098	.488	-.262
60	1201	-.157	.184	.749	-.978
60	1202	-.256	.124	.312	-.897
60	1203	-.340	.189	.195	-2.121
60	1204	-.143	.194	.582	-.770
60	1205	-.154	.187	.639	-.849
60	1206	-.237	.133	.308	-.745
60	1207	-.261	.093	.121	-.793
60	1208	-.271	.079	.030	-.643
60	1209	-.046	.210	.745	-.933
60	1210	-.005	.207	.868	-.745
60	1211	-.095	.186	.757	-.933
60	1212	-.197	.127	.252	-.889
60	1213	-.221	.094	.183	-.798
60	1214	-.072	.189	.596	-.786
60	1215	-.006	.218	.791	-.723
60	1216	-.085	.207	.639	-.873
60	1217	-.193	.154	.421	-1.111
60	1218	-.216	.146	.284	-1.010
60	1219	-.162	.137	.509	-.590
60	1220	-.098	.152	.958	-.706
60	1221	-.109	.134	.551	-.745
60	1222	-.193	.164	.268	-1.277
60	1223	-.211	.151	.224	-1.078
60	1224	-.039	.080	.506	-.332
60	1225	-.038	.081	.361	-.349
60	1226	-.064	.088	.303	-.573
60	1227	-.144	.091	.111	-.579
60	1228	-.172	.137	.199	-.890
60	1229	-.045	.067	.323	-.262
60	1230	-.048	.061	.376	-.216
60	1231	-.075	.050	.086	-.228
60	1232	-.100	.058	.099	-.344
60	1233	-.105	.061	.164	-.528
60	1234	-.062	.056	.146	-.257
60	1235	-.061	.055	.178	-.228
60	1236	-.069	.051	.127	-.269
60	1237	-.055	.060	.273	-.303
60	1238	-.097	.049	.069	-.363
60	1239	-.065	.043	.104	-.187
60	1240	-.079	.045	.111	-.214
60	1241	-.193	.166	.736	-.716
60	1242	-.258	.106	.500	-.649
60	1243	-.267	.052	-.063	-.575
60	1244	-.261	.036	-.148	-.426
60	1245	-.245	.037	-.089	-.367
60	1301	-.286	.101	.007	-.962
60	1302	-.329	.135	.133	-1.083
60	1303	-.309	.155	.196	-1.259
60	1304	-.338	.125	.052	-1.081
60	1305	-.345	.093	-.049	-.816
60	1306	-.348	.119	.029	-.816
60	1307	-.447	.190	.188	-1.300
60	1308	-.155	.163	.651	-.834
60	1309	-.286	.113	.110	-.852
60	1310	-.314	.091	-.054	-.769
60	1311	-.340	.107	-.085	-.905
60	1312	-.352	.086	-.069	-.786
60	1313	-.278	.073	.080	-.600
60	1314	-.321	.136	.102	-1.388
60	1315	-.163	.148	.649	-.570
60	1316	-.268	.083	.115	-.570
60	1317	-.321	.086	.218	-.728
60	1318	-.328	.074	-.086	-.640
60	1319	-.336	.110	-.026	-1.043
60	1320	-.522	.221	.135	-1.592
60	1321	-.281	.063	-.069	-.620
60	1322	-.286	.087	.070	-1.136
60	1323	-.243	.091	.317	-.544
60	1324	-.268	.060	.021	-.499
60	1325	-.315	.072	-.090	-.597
60	1326	-.299	.065	-.118	-.557
60	1327	-.341	.097	-.037	-.829
60	1328	-.435	.161	-.067	-1.352
60	1329	-.277	.045	-.125	-.519
60	1330	-.282	.049	-.133	-.691
60	1331	-.257	.053	-.135	-.476
60	1332	-.261	.047	-.042	-.443
60	1333	-.286	.052	-.105	-.501
60	1334	-.284	.050	-.092	-.491
60	1335	-.304	.064	-.077	-.648
60	1336	-.427	.138	-.095	-1.211
60	1337	-.269	.036	-.155	-.415
60	1338	-.278	.035	-.158	-.418
60	1339	-.249	.038	-.085	-.373
60	1340	-.262	.040	-.090	-.413

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	1341	-.273	.039	-.130	-.408
60	1342	-.281	.023	-.206	-.365
60	1343	-.278	.043	-.135	-.453
60	1344	-.344	.077	-.107	-.754
60	1345	-.263	.032	-.169	-.379
60	1346	-.269	.027	-.179	-.398
60	1347	-.241	.024	-.167	-.329
60	1348	-.244	.036	-.107	-.367
60	1349	-.266	.037	-.112	-.398
60	1350	-.263	.036	-.102	-.374
60	1351	-.251	.041	-.067	-.420
60	1352	-.263	.059	-.055	-.529
60	1353	-.237	.037	-.064	-.367
60	1354	-.242	.038	-.081	-.374
60	1355	-.248	.041	-.112	-.393
60	1356	-.263	.038	-.117	-.396
60	1357	-.242	.038	-.112	-.398
60	1358	-.238	.042	-.079	-.389
60	1359	-.229	.042	-.083	-.429
60	1360	-.234	.038	-.102	-.367
60	1361	-.257	.037	-.114	-.372
60	1362	-.251	.039	-.091	-.377
60	1363	-.216	.046	-.031	-.403
60	1401	-.336	.099	-.050	-.904
60	1402	-.333	.100	-.087	-.990
60	1403	-.309	.096	-.058	-1.146
60	1404	-.319	.086	-.131	-.977
60	1405	-.317	.116	-.069	-1.173
60	1406	-.324	.098	-.036	-1.027
60	1407	-.313	.084	-.050	-.809
60	1408	-.307	.073	-.061	-1.159
60	1409	-.292	.061	-.094	-.582
60	1410	-.298	.071	-.089	-.732
60	1411	-.308	.078	-.120	-.938
60	1412	-.292	.067	-.098	-.901
60	1413	-.290	.065	-.089	-.693
60	1414	-.277	.051	-.084	-.559
60	1415	-.291	.048	-.162	-.616
60	1416	-.297	.063	-.110	-.835
60	1417	-.267	.041	-.131	-.514
60	1418	-.266	.043	-.110	-.444
60	1419	-.275	.039	-.133	-.466
60	1420	-.279	.038	-.136	-.505
60	1421	-.289	.043	-.143	-.636
60	1422	-.276	.045	-.124	-.484
60	1423	-.279	.043	-.135	-.463
60	1424	-.286	.034	-.197	-.424
60	1425	-.279	.028	-.207	-.389
60	1426	-.281	.041	-.177	-.480
60	1427	-.309	.059	-.112	-.630
60	1428	-.312	.054	-.117	-.583
60	1429	-.300	.049	-.141	-.614
60	1430	-.277	.051	-.141	-.665
60	1431	-.264	.055	-.074	-.482
60	1432	-.189	.040	-.061	-.391
60	1433	-.148	.045	-.039	-.296
60	1434	-.172	.035	-.045	-.317
60	1435	-.117	.046	-.140	-.253
60	1436	-.161	.036	-.015	-.293
60	1437	-.129	.042	-.034	-.269
60	1438	-.348	.094	-.077	-.797
60	1439	-.359	.102	-.036	-.887
60	1440	-.338	.084	-.068	-.743
60	1441	-.313	.075	-.059	-.730
60	1442	-.289	.045	-.141	-.560
60	1443	-.279	.040	-.116	-.441
60	1444	-.266	.039	-.109	-.429
60	1445	-.262	.041	-.126	-.404
60	1901	-.201	.042	-.037	-.394
60	1902	-.309	.084	-.013	-.709
60	1903	-.124	.118	.344	-1.045
60	1904	-.127	.098	.330	-.580
60	1905	-.130	.095	.309	-.460
60	1906	-.086	.055	.130	-.326
60	1907	-.035	.103	.497	-.215
60	1908	-.055	.071	.511	-.314
60	1909	.000	.093	.389	-.248
60	1910	-.011	.083	.314	-.312
60	1911	.032	.103	.523	-.255
60	1912	-.057	.082	.408	-.286
60	1913	.016	.098	.608	-.250
60	1914	-.009	.085	.377	-.248
60	1915	-.203	.056	.072	-.441
60	1916	-.300	.055	-.114	-.575
60	1917	-.345	.167	.149	-1.363
60	1918	-.334	.195	.173	-2.174
60	1919	-.361	.117	.072	-.899
60	1920	-.370	.097	.001	-.916
60	1921	-.087	.056	.149	-.314
60	1922	-.333	.117	.113	-1.019
60	1923	-.370	.105	-.017	-.752
60	1924	-.266	.065	-.072	-.575
60	1925	-.280	.052	-.076	-.507
60	1926	-.314	.138	.094	-1.329
60	1927	-.420	.160	.074	-1.213
60	1928	-.076	.060	.175	-.370
70	1101	-.330	.111	-.035	-1.153
70	1102	-.349	.124	.098	-1.153
70	1103	-.339	.129	.177	-1.094
70	1104	-.276	.152	.344	-1.402
70	1105	-.214	.131	.366	-1.030
70	1106	-.218	.114	.329	-.831
70	1107	-.227	.103	.221	-.845
70	1108	-.320	.094	.098	-.813
70	1109	-.330	.101	.078	-.895
70	1110	-.338	.120	.174	-1.200
70	1111	-.272	.127	.381	-.764
70	1112	-.219	.120	.376	-.766
70	1113	-.212	.106	.548	-1.037
70	1114	-.231	.083	.169	-.813
70	1115	-.366	.127	.238	-1.092
70	1116	-.375	.126	-.040	-.949
70	1117	-.399	.143	.147	-1.106
70	1118	-.295	.120	.191	-.914
70	1119	-.234	.098	.349	-.663
70	1120	-.227	.077	.157	-.668
70	1121	-.237	.065	.086	-.720
70	1122	-.452	.206	.263	-1.739
70	1123	-.440	.222	.231	-1.833
70	1124	-.349	.198	.251	-1.399
70	1125	-.237	.111	.433	-.890
70	1126	-.209	.086	.287	-.552
70	1127	-.209	.064	.221	-.439
70	1128	-.212	.051	.054	-.461
70	1129	-.295	.198	.227	-1.292
70	1130	-.259	.202	.291	-1.457
70	1131	-.178	.154	.325	-1.598
70	1132	-.117	.091	.251	-.496
70	1133	-.129	.080	.190	-.397
70	1134	-.158	.056	.168	-.340
70	1135	-.177	.046	.111	-.328
70	1136	-.182	.165	.223	-2.058
70	1137	-.171	.121	.173	-1.080
70	1138	-.129	.081	.219	-.594
70	1139	-.100	.075	.362	-.338
70	1140	-.097	.065	.217	-.288
70	1141	-.121	.054	.101	-.286
70	1142	-.155	.043	.081	-.293
70	1143	-.101	.060	.131	-.471
70	1144	-.075	.073	.390	-.456
70	1145	-.126	.053	.091	-.296
70	1146	-.093	.069	.190	-.367
70	1147	-.062	.068	.251	-.25
70	1201	-.067	.189	.602	-.730
70	1202	-.162	.127	.500	-.681
70	1203	-.202	.123	.256	-.996
70	1204	-.025	.237	.697	-.893
70	1205	-.005	.240	.851	-1.018
70	1206	-.112	.180	.605	-.777
70	1207	-.190	.106	.321	-.498

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1208	-.225	.093	.217	-.572
70	1209	.122	.209	.749	-.887
70	1210	.200	.226	.963	-.619
70	1211	.087	.200	.725	-.653
70	1212	-.063	.123	.456	-.431
70	1213	-.157	.090	.239	-.540
70	1214	.153	.183	.917	-.405
70	1215	.262	.205	.985	-.302
70	1216	.212	.189	1.124	-.339
70	1217	.027	.134	.579	-.429
70	1218	-.094	.105	.390	-.466
70	1219	.001	.153	.586	-.393
70	1220	.095	.175	.810	-.373
70	1221	.086	.167	.807	-.321
70	1222	-.042	.127	.503	-.417
70	1223	-.126	.095	.256	-.482
70	1224	-.015	.094	.491	-.234
70	1225	-.002	.105	.705	-.254
70	1226	-.002	.100	.700	-.264
70	1227	-.061	.059	.221	-.254
70	1228	-.113	.080	.198	-.482
70	1229	.029	.102	.710	-.176
70	1230	.005	.081	.481	-.215
70	1231	-.043	.067	.257	-.210
70	1232	-.088	.052	.131	-.319
70	1233	-.112	.054	.098	-.331
70	1234	-.023	.075	.579	-.232
70	1235	-.014	.076	.479	-.193
70	1236	-.058	.057	.228	-.203
70	1237	-.036	.072	.284	-.549
70	1238	-.073	.054	.175	-.326
70	1239	-.044	.041	.147	-.179
70	1240	-.049	.050	.212	-.258
70	1241	-.122	.185	.784	-.792
70	1242	-.157	.142	.681	-.559
70	1243	-.191	.073	.397	-.490
70	1244	-.201	.031	-.093	-.385
70	1245	-.179	.030	-.046	-.280
70	1301	-.241	.081	.016	-.611
70	1302	-.330	.145	.110	-1.080
70	1303	-.210	.141	.361	-.819
70	1304	-.224	.133	.265	-.760
70	1305	-.286	.115	.250	-.778
70	1306	-.313	.140	.085	-.948
70	1307	-.481	.217	.194	-1.634
70	1308	-.090	.170	.674	-.715
70	1309	-.222	.127	.331	-.832
70	1310	-.244	.114	.133	-.974
70	1311	-.279	.133	.252	-1.070
70	1312	-.300	.106	.021	-.951
70	1313	-.241	.066	-.019	-.722
70	1314	-.315	.143	.176	-1.380
70	1315	-.092	.146	.770	-.507
70	1316	-.209	.088	.165	-.590
70	1317	-.281	.100	.004	-.763
70	1318	-.275	.080	-.037	-.644
70	1319	-.313	.135	.029	-1.134
70	1320	-.519	.236	.194	-1.999
70	1321	-.240	.054	-.055	-.532
70	1322	-.284	.111	.052	-.981
70	1323	-.142	.101	.438	-.464
70	1324	-.201	.060	.139	-.429
70	1325	-.277	.072	-.062	-.643
70	1326	-.267	.065	-.065	-.589
70	1327	-.354	.134	-.060	-1.042
70	1328	-.492	.178	-.106	-1.356
70	1329	-.248	.050	-.029	-.515
70	1330	-.257	.073	.052	-.709
70	1331	-.158	.074	.314	-.396
70	1332	-.202	.046	-.029	-.396
70	1333	-.247	.056	-.060	-.528
70	1334	-.244	.050	-.083	-.498
70	1335	-.291	.086	-.088	-.790
70	1336	-.488	.174	-.123	-1.750
70	1337	-.215	.031	-.101	-.332
70	1338	-.220	.033	-.098	-.434
70	1339	-.190	.037	-.039	-.355
70	1340	-.194	.034	-.057	-.327
70	1341	-.215	.036	-.093	-.398
70	1342	-.212	.017	-.157	-.284
70	1343	-.213	.039	.050	-.381
70	1344	-.269	.072	-.039	-.653
70	1345	-.203	.028	-.114	-.347
70	1346	-.205	.021	-.126	-.299
70	1347	-.174	.020	-.099	-.248
70	1348	-.179	.030	-.061	-.287
70	1349	-.205	.033	-.099	-.359
70	1350	-.203	.033	-.070	-.352
70	1351	-.186	.032	-.054	-.289
70	1352	-.192	.048	-.008	-.395
70	1353	-.170	.033	-.032	-.294
70	1354	-.176	.034	-.027	-.282
70	1355	-.195	.037	-.063	-.321
70	1356	-.198	.032	-.085	-.318
70	1357	-.178	.032	-.046	-.289
70	1358	-.163	.038	.002	-.282
70	1359	-.160	.036	-.009	-.294
70	1360	-.165	.037	-.001	-.282
70	1361	-.220	.044	-.051	-.434
70	1362	-.182	.033	-.034	-.299
70	1363	-.141	.043	.019	-.299
70	1401	-.268	.072	-.093	-.710
70	1402	-.262	.068	-.070	-.638
70	1403	-.254	.067	-.062	-.649
70	1404	-.254	.060	-.076	-.646
70	1405	-.254	.083	-.053	-.933
70	1406	-.264	.072	-.072	-.759
70	1407	-.265	.059	-.100	-.657
70	1408	-.259	.049	-.126	-.517
70	1409	-.242	.042	-.120	-.436
70	1410	-.245	.052	-.094	-.669
70	1411	-.246	.056	-.102	-.700
70	1412	-.255	.045	-.109	-.538
70	1413	-.252	.045	-.084	-.496
70	1414	-.242	.038	-.120	-.415
70	1415	-.258	.044	-.148	-.564
70	1416	-.260	.058	-.092	-.882
70	1417	-.226	.037	-.112	-.414
70	1418	-.229	.038	-.088	-.428
70	1419	-.237	.039	-.133	-.343
70	1420	-.268	.056	-.143	-.610
70	1421	-.278	.064	-.148	-.689
70	1422	-.220	.040	-.074	-.412
70	1423	-.230	.037	-.121	-.365
70	1424	-.245	.032	-.150	-.388
70	1425	-.215	.021	-.157	-.303
70	1426	-.212	.036	-.114	-.417
70	1427	-.260	.042	-.126	-.452
70	1428	-.257	.039	-.100	-.512
70	1429	-.260	.042	-.145	-.475
70	1430	-.203	.040	-.060	-.356
70	1431	-.191	.042	-.031	-.361
70	1432	-.161	.032	.014	-.272
70	1433	-.131	.038	.023	-.237
70	1434	-.146	.030	-.023	-.247
70	1435	-.115	.038	.023	-.229
70	1436	-.143	.030	-.046	-.239
70	1437	-.125	.036	.038	-.243
70	1438	-.298	.111	.013	1.014
70	1439	-.300	.110	.017	-1.036
70	1440	-.290	.096	-.031	-1.040
70	1441	-.291	.089	-.032	-.793
70	1442	-.270	.063	-.089	-.631
70	1443	-.220	.038	-.089	-.383
70	1444	-.203	.033	-.044	-.339
70	1445	-.200	.031	-.103	-.295
70	1901	-.172	.036	-.017	-.298
70	1902	-.270	.066	-.090	-.565
70	1903	-.104	.074	.243	-.439
70	1904	-.127	.055	.106	-.390

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	1905	-.129	.077	.184	-.524
70	1906	-.050	.069	.330	-.227
70	1907	-.089	.072	.184	-.362
70	1908	-.120	.055	.111	-.343
70	1909	-.094	.076	.304	-.350
70	1910	-.112	.067	.191	-.503
70	1911	-.068	.070	.307	-.243
70	1912	-.118	.058	.113	-.295
70	1913	-.076	.071	.229	-.482
70	1914	-.101	.069	.200	-.543
70	1915	-.211	.041	-.062	-.378
70	1916	-.257	.042	-.128	-.501
70	1917	-.243	.098	.101	-.782
70	1918	-.205	.120	.267	-1.127
70	1919	-.255	.113	.127	-.768
70	1920	-.348	.113	.193	-.983
70	1921	-.071	.057	.238	-.232
70	1922	-.221	.117	.179	-.840
70	1923	-.302	.119	.061	-.832
70	1924	-.236	.052	-.014	-.449
70	1925	-.214	.043	-.062	-.413
70	1926	-.271	.144	.181	-1.164
70	1927	-.394	.198	.130	-1.387
70	1928	-.038	.077	.415	-.340
80	1101	-.464	.156	.141	-1.963
80	1102	-.463	.146	.047	-1.205
80	1103	-.469	.175	.057	-1.267
80	1104	-.338	.186	.250	-1.134
80	1105	-.244	.142	.158	-1.208
80	1106	-.236	.102	.208	-.971
80	1107	-.229	.086	.050	-.668
80	1108	-.416	.122	-.069	-1.314
80	1109	-.424	.124	-.098	-1.307
80	1110	-.463	.149	.141	-1.373
80	1111	-.349	.155	.232	-1.151
80	1112	-.231	.118	.210	-.813
80	1113	-.215	.088	.129	-.702
80	1114	-.226	.073	.025	-.870
80	1115	-.400	.108	-.135	-.971
80	1116	-.408	.118	-.012	-1.090
80	1117	-.436	.138	.139	-1.178
80	1118	-.356	.145	.257	-1.053
80	1119	-.245	.108	.163	-.697
80	1120	-.216	.068	.052	-.532
80	1121	-.222	.064	-.024	-.766
80	1122	-.450	.151	-.155	-1.265
80	1123	-.445	.155	-.004	-1.524
80	1124	-.429	.171	.109	-1.452
80	1125	-.287	.136	.126	-.860
80	1126	-.210	.078	.067	-.611
80	1127	-.193	.057	.015	-.665
80	1128	-.196	.048	-.033	-.515
80	1129	-.430	.163	.019	-1.614
80	1130	-.412	.169	.007	-1.283
80	1131	-.323	.161	.056	-1.118
80	1132	-.198	.085	.032	-.695
80	1133	-.169	.050	.066	-.606
80	1134	-.180	.034	-.005	-.421
80	1135	-.187	.030	-.077	-.394
80	1136	-.446	.272	.019	-2.223
80	1137	-.324	.167	.017	-1.241
80	1138	-.204	.077	-.015	-.665
80	1139	-.159	.054	.091	-.534
80	1140	-.155	.044	.069	-.455
80	1141	-.158	.040	.044	-.423
80	1142	-.173	.035	-.030	-.366
80	1143	-.144	.047	.019	-.339
80	1144	-.103	.066	.363	-.342
80	1145	-.147	.035	-.015	-.307
80	1146	-.155	.044	.002	-.374
80	1147	-.098	.039	.130	-.206
80	1201	-.123	.216	.711	-1.144
80	1202	-.154	.176	.769	-.724
80	1203	-.133	.172	.518	-.873
80	1204	.176	.159	.712	-.743
80	1205	.254	.182	.855	-.602
80	1206	.207	.180	.751	-.593
80	1207	.085	.154	.625	-.492
80	1208	-.027	.138	.395	-.651
80	1209	.207	.150	.821	-.371
80	1210	.344	.164	.956	-.236
80	1211	.352	.189	.975	-.395
80	1212	.174	.139	.729	-.297
80	1213	.013	.110	.333	-.497
80	1214	.113	.135	.614	-.263
80	1215	.244	.164	.802	-.253
80	1216	.287	.166	.886	-.128
80	1217	.145	.131	.622	-.188
80	1218	.005	.102	.543	-.312
80	1219	.044	.123	.537	-.320
80	1220	.137	.134	.720	-.224
80	1221	.159	.131	.827	-.214
80	1222	-.067	.112	.478	-.206
80	1223	-.066	.082	.221	-.297
80	1224	-.023	.076	.479	-.152
80	1225	.038	.085	.535	-.205
80	1226	.047	.079	.556	-.255
80	1227	-.026	.043	.172	-.171
80	1228	-.113	.063	.170	-.349
80	1229	.083	.095	.648	-.109
80	1230	.059	.087	.544	-.164
80	1231	.001	.061	.433	-.154
80	1232	-.046	.046	.212	-.222
80	1233	-.092	.047	.118	-.276
80	1234	.048	.084	.515	-.135
80	1235	.057	.085	.547	-.123
80	1236	-.011	.059	.323	-.174
80	1237	-.075	.060	.151	-.314
80	1238	-.067	.064	.265	-.314
80	1239	-.008	.039	.165	-.141
80	1240	-.030	.050	.293	-.138
80	1241	-.231	.138	.543	-.896
80	1242	-.104	.156	.520	-.569
80	1243	-.123	.088	.353	-.464
80	1244	-.182	.033	-.052	-.335
80	1245	-.139	.030	-.021	-.265
80	1301	-.230	.089	.010	-.698
80	1302	-.321	.165	.155	-1.318
80	1303	-.232	.171	.394	-.907
80	1304	-.273	.182	.384	-.967
80	1305	-.350	.116	.103	-.892
80	1306	-.365	.126	-.000	-.957
80	1307	-.428	.149	-.013	-1.597
80	1308	-.157	.167	.589	-1.030
80	1309	-.246	.135	.311	-.924
80	1310	-.250	.122	.341	-.759
80	1311	-.312	.123	.153	-.944
80	1312	-.326	.097	.007	-.733
80	1313	-.231	.076	.017	-.613
80	1314	-.261	.116	.195	-.769
80	1315	-.153	.105	.534	-.515
80	1316	-.209	.077	.077	-.543
80	1317	-.302	.092	.017	-.683
80	1318	-.289	.072	-.073	-.570
80	1319	-.398	.141	.015	-1.153
80	1320	-.398	.138	.012	-1.549
80	1321	-.206	.052	-.028	-.445
80	1322	-.246	.119	.128	-1.007
80	1323	-.086	.113	.517	-.399
80	1324	-.213	.067	.025	-.494
80	1325	-.324	.096	.050	-.748
80	1326	-.313	.082	-.040	-.635
80	1327	-.442	.163	.013	-1.385
80	1328	-.472	.135	-.121	-1.080
80	1329	-.222	.047	-.081	-.519
80	1330	-.266	.102	-.015	-.824
80	1331	-.059	.100	.428	-.307
80	1332	-.173	.050	.050	-.400
80	1333	-.255	.085	.277	-.620
80	1334	-.272	.069	-.081	-.604

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	1335	-.325	.119	-.043	-.997
80	1336	-.554	.189	-.128	-1.655
80	1337	-.185	.027	-.098	-.325
80	1338	-.195	.034	-.101	-.516
80	1339	-.161	.036	-.025	-.317
80	1340	-.164	.031	-.060	-.322
80	1341	-.138	.031	-.025	-.325
80	1342	-.184	.016	-.136	-.237
80	1343	-.179	.036	-.033	-.330
80	1344	-.241	.070	-.038	-.688
80	1345	-.179	.024	-.096	-.322
80	1346	-.178	.018	-.104	-.251
80	1347	-.126	.020	-.049	-.182
80	1348	-.134	.027	-.039	-.225
80	1349	-.165	.027	-.082	-.294
80	1350	-.159	.028	-.035	-.251
80	1351	-.149	.027	-.044	-.242
80	1352	-.144	.039	-.013	-.299
80	1353	-.125	.029	-.013	-.237
80	1354	-.129	.030	-.013	-.215
80	1355	-.160	.031	-.011	-.303
80	1356	-.155	.029	-.058	-.268
80	1357	-.131	.030	.003	-.218
80	1358	-.116	.032	-.034	-.223
80	1359	-.117	.031	-.011	-.220
80	1360	-.125	.031	.061	-.215
80	1361	-.178	.035	-.039	-.320
80	1362	-.141	.027	-.042	-.249
80	1363	-.094	.039	.068	-.211
80	1401	-.243	.062	-.050	-.556
80	1402	-.238	.054	-.094	-.554
80	1403	-.223	.052	-.039	-.497
80	1404	-.225	.047	-.101	-.495
80	1405	-.233	.065	-.036	-.581
80	1406	-.243	.064	-.057	-.652
80	1407	-.249	.057	-.085	-.771
80	1408	-.241	.048	-.064	-.531
80	1409	-.220	.034	-.109	-.356
80	1410	-.222	.044	-.073	-.459
80	1411	-.229	.052	-.091	-.593
80	1412	-.240	.056	-.108	-.699
80	1413	-.239	.052	-.113	-.830
80	1414	-.218	.033	-.101	-.390
80	1415	-.228	.037	-.106	-.418
80	1416	-.225	.044	-.080	-.477
80	1417	-.200	.037	-.082	-.428
80	1418	-.201	.032	-.071	-.379
80	1419	-.202	.026	-.106	-.336
80	1420	-.236	.058	-.093	-.560
80	1421	-.252	.071	-.121	-.643
80	1422	-.203	.030	-.106	-.370
80	1423	-.213	.031	-.108	-.363
80	1424	-.212	.025	-.138	-.333
80	1425	-.174	.014	-.133	-.236
80	1426	-.172	.025	-.094	-.282
80	1427	-.227	.032	-.138	-.367
80	1428	-.226	.031	-.134	-.360
80	1429	-.221	.031	-.131	-.375
80	1430	-.182	.031	-.065	-.306
80	1431	-.179	.033	-.069	-.287
80	1432	-.149	.024	-.066	-.225
80	1433	-.150	.029	-.026	-.248
80	1434	-.140	.025	-.022	-.218
80	1435	-.135	.025	-.011	-.219
80	1436	-.140	.024	-.051	-.226
80	1437	-.133	.025	.003	-.207
80	1438	-.312	.086	-.019	-.860
80	1439	-.314	.088	-.060	-.711
80	1440	-.317	.086	-.062	-.857
80	1441	-.353	.123	-.072	-.921
80	1442	-.321	.092	-.096	-.731
80	1443	-.198	.037	-.094	-.508
80	1444	-.168	.028	-.074	-.276
80	1445	-.164	.027	-.067	-.259
80	1901	-.154	.022	-.044	-.273
80	1902	-.235	.052	-.041	-.467
80	1903	-.115	.049	.150	-.283
80	1904	-.148	.039	.025	-.387
80	1905	-.166	.058	.041	-.543
80	1906	.019	.077	.507	-.193
80	1907	-.137	.050	.110	-.349
80	1908	-.155	.038	-.025	-.368
80	1909	-.072	.095	.496	-.451
80	1910	-.171	.057	.051	-.505
80	1911	-.099	.043	.150	-.226
80	1912	-.150	.037	-.027	-.330
80	1913	-.122	.056	.311	-.366
80	1914	-.157	.061	.032	-.675
80	1915	-.191	.030	-.103	-.411
80	1916	-.230	.036	-.122	-.411
80	1917	-.234	.107	.174	-.772
80	1918	-.156	.158	.347	-.893
80	1919	-.296	.163	.202	-.990
80	1920	-.434	.138	.084	-1.184
80	1921	-.016	.062	.363	-.179
80	1922	-.256	.164	.397	-.896
80	1923	-.371	.132	.151	-1.069
80	1924	-.204	.036	-.079	-.356
80	1925	-.189	.031	-.065	-.304
80	1926	-.246	.133	.235	-1.024
80	1927	-.438	.147	.202	-1.471
80	1928	.037	.078	.588	-.155
90	1101	-.407	.093	-.166	-.903
90	1102	-.416	.090	-.175	-.908
90	1103	-.444	.123	-.077	-1.249
90	1104	-.426	.157	.080	-1.283
90	1105	-.370	.158	.094	-1.222
90	1106	-.312	.131	.070	-1.046
90	1107	-.309	.132	.004	-1.269
90	1108	-.400	.095	-.136	-.874
90	1109	-.406	.092	-.193	-.940
90	1110	-.427	.105	-.112	-1.068
90	1111	-.415	.131	.143	-.994
90	1112	-.332	.123	.119	-1.048
90	1113	-.309	.128	.043	-.928
90	1114	-.318	.137	.089	-1.171
90	1115	-.412	.092	-.141	-.952
90	1116	-.420	.094	-.134	-.967
90	1117	-.437	.105	-.153	-1.070
90	1118	-.438	.143	.202	-1.254
90	1119	-.346	.130	.133	-.857
90	1120	-.314	.121	.119	-.894
90	1121	-.324	.135	.004	-.962
90	1122	-.461	.118	-.134	-1.207
90	1123	-.456	.117	-.114	-1.193
90	1124	-.469	.133	-.011	-1.183
90	1125	-.452	.142	.104	-1.075
90	1126	-.355	.138	.212	-.879
90	1127	-.284	.120	.057	-.859
90	1128	-.284	.130	-.011	-1.041
90	1129	-.505	.141	-.205	-1.508
90	1130	-.504	.156	-.146	-1.397
90	1131	-.497	.161	-.038	-1.208
90	1132	-.370	.140	.009	-.987
90	1133	-.263	.106	.016	-.812
90	1134	-.223	.074	-.033	-.765
90	1135	-.229	.075	-.079	-.903
90	1136	-.669	.309	-.011	-2.469
90	1137	-.530	.207	.071	-1.383
90	1138	-.317	.111	-.015	-.763
90	1139	-.243	.086	.026	-.702
90	1140	-.235	.078	-.033	-.633
90	1141	-.212	.063	-.030	-.544
90	1142	-.207	.050	-.040	-.618
90	1143	-.232	.081	.014	-.643
90	1144	-.172	.096	.203	-.493
90	1145	-.199	.050	-.006	-.490
90	1146	-.229	.072	.026	-.542
90	1147	-.126	.062	.176	-.399
90	1201	-.102	.257	.886	-.866

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	1202	-.270	.149	.622	-.941
90	1203	-.299	.142	.304	-1.019
90	1204	.221	.124	.672	-.139
90	1205	.290	.141	.770	-.216
90	1206	.266	.134	.750	-.166
90	1207	.186	.117	.747	-.185
90	1208	.062	.100	.528	-.249
90	1209	.231	.124	.636	-.156
90	1210	.363	.148	.864	-.086
90	1211	.407	.158	.942	-.134
90	1212	.229	.127	.644	-.119
90	1213	.075	.091	.375	-.379
90	1214	.170	.124	.702	-.212
90	1215	.270	.144	.828	-.132
90	1216	.362	.150	1.043	-.112
90	1217	.217	.121	.695	-.185
90	1218	.027	.088	.348	-.232
90	1219	.082	.119	.544	-.270
90	1220	.230	.137	.845	-.115
90	1221	.262	.135	.749	-.118
90	1222	.108	.108	.502	-.191
90	1223	-.034	.081	.303	-.288
90	1224	.089	.088	.433	-.149
90	1225	.111	.096	.651	-.144
90	1226	.111	.096	.619	-.122
90	1227	-.005	.049	.224	-.144
90	1228	-.121	.069	.219	-.381
90	1229	.171	.121	.714	-.078
90	1230	.136	.105	.690	-.105
90	1231	.042	.070	.421	-.161
90	1232	-.023	.059	.224	-.221
90	1233	-.107	.063	.345	-.332
90	1234	.124	.100	.506	-.100
90	1235	.138	.109	.658	-.115
90	1236	.018	.072	.445	-.166
90	1237	-.060	.069	.231	-.314
90	1238	-.045	.087	.400	-.427
90	1239	.008	.044	.206	-.105
90	1240	-.009	.059	.280	-.137
90	1241	-.220	.196	.615	-.807
90	1242	-.081	.195	.708	-.781
90	1243	-.100	.136	.599	-.456
90	1244	-.194	.041	-.041	-.399
90	1245	-.140	.037	.047	-.299
90	1301	-.232	.096	.037	-.821
90	1302	-.310	.159	.153	-1.162
90	1303	-.355	.174	.446	-1.435
90	1304	-.390	.135	.264	-.917
90	1305	-.400	.082	-.152	-.687
90	1306	-.396	.109	-.061	-.804
90	1307	-.438	.125	-.177	-1.230
90	1308	-.162	.194	.918	-.783
90	1309	-.300	.125	.300	-.869
90	1310	-.318	.091	.151	-.650
90	1311	-.350	.097	.146	-.738
90	1312	-.361	.071	-.094	-.639
90	1313	-.237	.086	.007	-.609
90	1314	-.263	.142	.158	-.960
90	1315	-.152	.148	.522	-.589
90	1316	-.219	.090	.151	-.566
90	1317	-.324	.087	-.033	-.700
90	1318	-.321	.075	-.094	-.763
90	1319	-.414	.136	-.046	-1.071
90	1320	-.419	.120	-.127	-1.117
90	1321	-.231	.071	.062	-.602
90	1322	-.255	.140	.161	-1.053
90	1323	-.076	.131	.530	-.407
90	1324	-.230	.087	.092	-.569
90	1325	-.362	.114	-.027	-.835
90	1326	-.329	.092	-.085	-.683
90	1327	-.485	.182	-.006	-1.157
90	1328	-.519	.140	-.143	-1.212
90	1329	-.252	.066	-.080	-.604
90	1330	-.323	.146	.100	-1.043
90	1331	-.049	.120	.533	-.315
90	1332	-.189	.060	.060	-.442
90	1333	-.295	.086	.108	-.627
90	1334	-.296	.077	-.077	-.627
90	1335	-.387	.146	-.080	-1.020
90	1336	-.631	.210	-.098	-1.770
90	1337	-.209	.040	-.080	-.424
90	1338	-.209	.045	-.082	-.706
90	1339	-.168	.043	.006	-.328
90	1340	-.171	.041	-.029	-.376
90	1341	-.206	.042	-.042	-.386
90	1342	-.199	.025	-.123	-.318
90	1343	-.195	.048	-.022	-.422
90	1344	-.280	.086	-.022	-.685
90	1345	-.199	.036	-.091	-.393
90	1346	-.192	.024	-.127	-.278
90	1347	-.124	.023	-.038	-.201
90	1348	-.139	.036	.014	-.266
90	1349	-.179	.036	-.041	-.326
90	1350	-.176	.038	-.012	-.321
90	1351	-.154	.031	-.031	-.278
90	1352	-.151	.043	.002	-.359
90	1353	-.118	.035	.019	-.230
90	1354	-.130	.035	-.015	-.244
90	1355	-.161	.038	-.034	-.302
90	1356	-.162	.036	-.027	-.283
90	1357	-.128	.035	.040	-.237
90	1358	-.119	.037	.050	-.242
90	1359	-.114	.037	.033	-.254
90	1360	-.119	.036	.026	-.225
90	1361	-.185	.045	-.050	-.359
90	1362	-.144	.032	-.041	-.280
90	1363	-.090	.039	.055	-.216
90	1401	-.277	.082	-.063	-.759
90	1402	-.270	.073	-.070	-.643
90	1403	-.259	.076	-.038	-.626
90	1404	-.246	.064	-.064	-.530
90	1405	-.255	.080	-.026	-.600
90	1406	-.290	.090	-.045	-.949
90	1407	-.293	.082	-.063	-1.076
90	1408	-.282	.067	-.068	-.624
90	1409	-.250	.051	-.124	-.499
90	1410	-.253	.062	-.064	-.553
90	1411	-.256	.069	-.077	-.551
90	1412	-.279	.069	-.091	-.580
90	1413	-.270	.059	-.089	-.617
90	1414	-.259	.059	-.103	-.616
90	1415	-.279	.070	-.114	-.610
90	1416	-.268	.073	-.085	-.608
90	1417	-.256	.079	-.017	-.559
90	1418	-.233	.060	-.061	-.508
90	1419	-.238	.050	-.108	-.486
90	1420	-.304	.115	-.111	-1.017
90	1421	-.330	.140	-.110	-1.211
90	1422	-.227	.058	-.077	-.541
90	1423	-.237	.059	-.089	-.606
90	1424	-.217	.037	-.098	-.403
90	1425	-.169	.017	-.120	-.227
90	1426	-.169	.029	-.046	-.284
90	1427	-.240	.048	-.119	-.487
90	1428	-.239	.048	-.110	-.515
90	1429	-.228	.044	-.056	-.438
90	1430	-.190	.036	-.061	-.369
90	1431	-.195	.037	-.017	-.345
90	1432	-.151	.031	-.045	-.316
90	1433	-.163	.028	-.054	-.272
90	1434	-.131	.032	.011	-.237
90	1435	-.138	.028	.038	-.237
90	1436	-.134	.027	-.016	-.230
90	1437	-.135	.025	-.045	-.218
90	1438	-.340	.074	-.122	-.682
90	1439	-.343	.074	-.112	-.648
90	1440	-.358	.087	-.110	-.832
90	1441	-.401	.143	-.047	-.950
90	1442	-.375	.107	-.074	-.893
90	1443	-.215	.047	-.057	-.519

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	1444	-.177	.037	-.039	-.344
90	1445	-.168	.034	-.059	-.297
90	1901	-.156	.036	.017	-.409
90	1902	-.245	.084	-.021	-.757
90	1903	-.140	.073	.252	-.428
90	1904	-.210	.063	-.032	-.674
90	1905	-.283	.079	-.051	-.658
90	1906	.054	.093	.621	-.312
90	1907	-.163	.065	.355	-.768
90	1908	-.211	.062	-.051	-.524
90	1909	-.068	.154	.713	-.536
90	1910	-.280	.092	-.037	-.721
90	1911	-.131	.061	.231	-.425
90	1912	-.201	.053	-.037	-.418
90	1913	-.217	.087	.134	-.637
90	1914	-.245	.076	-.094	-.543
90	1915	-.204	.044	-.072	-.467
90	1916	-.249	.057	-.108	-.766
90	1917	-.289	.118	.073	-.839
90	1918	-.296	.134	.264	-1.001
90	1919	-.388	.121	-.014	-.994
90	1920	-.421	.080	-.202	-.794
90	1921	.005	.078	.344	-.225
90	1922	-.372	.111	.134	-.764
90	1923	-.429	.092	-.161	-.819
90	1924	-.220	.044	-.098	-.472
90	1925	-.202	.037	-.068	-.399
90	1926	-.322	.164	.178	-1.106
90	1927	-.449	.111	-.195	-1.046
90	1928	.078	.080	.527	-.129
100	1101	-.376	.078	-.138	-.900
100	1102	-.373	.075	-.189	-.995
100	1103	-.397	.092	-.143	-.905
100	1104	-.407	.138	-.030	-1.341
100	1105	-.370	.138	.095	-1.297
100	1106	-.349	.118	-.000	-1.123
100	1107	-.372	.152	.044	-1.473
100	1108	-.357	.076	-.170	-.814
100	1109	-.363	.076	-.145	-.902
100	1110	-.380	.086	-.145	-.922
100	1111	-.394	.101	.039	-1.044
100	1112	-.368	.100	.071	-.848
100	1113	-.360	.113	.029	-.981
100	1114	-.371	.127	-.062	-.995
100	1115	-.374	.069	-.160	-.723
100	1116	-.373	.073	-.148	-.758
100	1117	-.399	.084	-.138	-.846
100	1118	-.407	.098	-.029	-.912
100	1119	-.391	.094	-.023	-.919
100	1120	-.388	.113	-.018	-1.037
100	1121	-.405	.113	-.057	-.951
100	1122	-.411	.076	-.199	-.814
100	1123	-.416	.084	-.108	-.892
100	1124	-.431	.100	-.128	-1.015
100	1125	-.438	.106	-.094	-1.128
100	1126	-.395	.103	.019	-.870
100	1127	-.405	.132	.039	-1.015
100	1128	-.396	.129	.076	-1.102
100	1129	-.439	.098	-.201	-1.093
100	1130	-.454	.101	-.186	-1.127
100	1131	-.460	.112	-.182	-1.041
100	1132	-.420	.098	-.091	-.903
100	1133	-.375	.092	-.100	-.761
100	1134	-.365	.105	-.096	-.970
100	1135	-.364	.124	-.037	-1.014
100	1136	-.584	.208	-.119	-2.480
100	1137	-.532	.160	-.135	-1.235
100	1138	-.404	.091	-.132	-.874
100	1139	-.365	.092	-.083	-.786
100	1140	-.348	.088	-.113	-.786
100	1141	-.282	.070	.010	-.638
100	1142	-.260	.077	-.002	-.798
100	1143	-.270	.077	.044	-.567
100	1144	-.207	.104	.283	-.547
100	1145	-.273	.061	-.096	-.555
100	1146	-.329	.081	-.103	-.724
100	1147	-.166	.077	.305	-.593
100	1201	.251	.250	.960	-.627
100	1202	-.119	.165	.506	-.721
100	1203	-.302	.111	.219	-.859
100	1204	.226	.154	.863	-.235
100	1205	.301	.166	.803	-.245
100	1206	.240	.144	.786	-.205
100	1207	.148	.128	.617	-.213
100	1208	.027	.106	.469	-.390
100	1209	.237	.146	.771	-.193
100	1210	.363	.159	.901	-.065
100	1211	.379	.156	.936	-.136
100	1212	.184	.128	.774	-.132
100	1213	.035	.097	.337	-.238
100	1214	.163	.130	.729	-.242
100	1215	.300	.151	.918	-.122
100	1216	.308	.153	.818	-.058
100	1217	.125	.122	.585	-.167
100	1218	-.010	.101	.337	-.329
100	1219	.108	.126	.697	-.269
100	1220	.205	.124	.737	-.151
100	1221	.209	.128	.690	-.085
100	1222	.057	.101	.450	-.228
100	1223	-.067	.084	.299	-.319
100	1224	.069	.082	.621	-.178
100	1225	.086	.101	.616	-.203
100	1226	.104	.091	.569	-.146
100	1227	-.005	.058	.215	-.147
100	1228	-.122	.073	.136	-.356
100	1229	.151	.113	.761	-.129
100	1230	.113	.103	.579	-.119
100	1231	.029	.082	.513	-.166
100	1232	-.043	.068	.443	-.372
100	1233	-.128	.065	.266	-.391
100	1234	.122	.104	.567	-.109
100	1235	.101	.097	.582	-.131
100	1236	.016	.088	.439	-.240
100	1237	-.057	.085	.311	-.379
100	1238	-.050	.089	.222	-.430
100	1239	.012	.046	.234	-.128
100	1240	-.003	.072	.341	-.147
100	1241	.037	.274	.869	-.821
100	1242	-.050	.217	.801	-.736
100	1243	-.121	.144	.534	-.617
100	1244	-.195	.047	.011	-.432
100	1245	-.123	.045	.086	-.287
100	1301	-.221	.065	.070	-.678
100	1302	-.437	.196	.081	-1.480
100	1303	-.241	.223	.549	-1.346
100	1304	-.361	.124	.414	-.959
100	1305	-.387	.075	-.140	-.719
100	1306	-.290	.109	-.045	-.893
100	1307	-.528	.165	-.053	-1.480
100	1308	.148	.253	.982	-.703
100	1309	-.196	.187	.475	-.898
100	1310	-.286	.096	.060	-.729
100	1311	-.323	.090	.070	-.683
100	1312	-.338	.072	-.101	-.721
100	1313	-.224	.071	.024	-.670
100	1314	-.353	.230	.286	-1.244
100	1315	.081	.226	.859	-.437
100	1316	-.115	.121	.283	-.588
100	1317	-.286	.097	.058	-.714
100	1318	-.279	.078	-.065	-.634
100	1319	-.329	.152	-.004	-1.036
100	1320	-.483	.151	-.012	-1.285
100	1321	-.263	.069	-.071	-.626
100	1322	-.358	.183	.129	-1.236
100	1323	-.036	.160	.651	-.482
100	1324	-.139	.108	.261	-.523
100	1325	-.250	.101	.012	-.639
100	1326	-.236	.087	.007	-.672
100	1327	-.325	.171	.024	-1.194
100	1328	-.477	.163	-.017	-1.273

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	1329	-.328	.076	-.107	-.713
100	1330	-.434	.159	.089	-1.225
100	1331	-.079	.126	.513	-.400
100	1332	-.185	.074	.099	-.482
100	1333	-.224	.084	.035	-.585
100	1334	-.216	.077	-.009	-.526
100	1335	-.259	.136	.001	-.870
100	1336	-.469	.180	.045	-1.371
100	1337	-.253	.051	-.086	-.518
100	1338	-.298	.089	-.114	-1.022
100	1339	-.152	.061	.166	-.387
100	1340	-.162	.060	.073	-.410
100	1341	-.171	.049	.001	-.353
100	1342	-.199	.045	-.083	-.333
100	1343	-.167	.057	.040	-.400
100	1344	-.229	.093	.040	-.654
100	1345	-.233	.043	-.114	-.446
100	1346	-.238	.034	-.150	-.373
100	1347	-.110	.033	-.012	-.206
100	1348	-.126	.049	.078	-.284
100	1349	-.152	.049	.003	-.322
100	1350	-.155	.050	.015	-.352
100	1351	-.137	.047	.003	-.315
100	1352	-.132	.055	.069	-.354
100	1353	-.116	.045	.129	-.247
100	1354	-.127	.050	.103	-.276
100	1355	-.140	.054	.020	-.415
100	1356	-.140	.046	.027	-.344
100	1357	-.117	.046	.095	-.262
100	1358	-.092	.047	.100	-.233
100	1359	-.104	.045	.083	-.237
100	1360	-.110	.046	.163	-.252
100	1361	-.173	.062	.025	-.468
100	1362	-.128	.050	.032	-.284
100	1363	-.078	.044	.110	-.194
100	1401	-.303	.080	-.089	-.769
100	1402	-.287	.070	-.093	-.771
100	1403	-.268	.067	-.080	-.656
100	1404	-.260	.054	-.121	-.495
100	1405	-.257	.065	-.066	-.536
100	1406	-.300	.078	-.096	-.878
100	1407	-.314	.066	-.135	-.892
100	1408	-.292	.052	-.144	-.551
100	1409	-.273	.052	-.136	-.547
100	1410	-.269	.057	-.108	-.544
100	1411	-.271	.061	-.118	-.757
100	1412	-.318	.059	-.105	-.776
100	1413	-.306	.053	-.147	-.660
100	1414	-.300	.060	-.113	-.583
100	1415	-.289	.058	-.139	-.656
100	1416	-.289	.063	-.097	-.715
100	1417	-.331	.070	-.056	-.669
100	1418	-.302	.058	-.103	-.567
100	1419	-.309	.068	-.121	-.715
100	1420	-.375	.120	-.128	-1.050
100	1421	-.399	.129	-.129	-1.089
100	1422	-.307	.076	-.091	-.651
100	1423	-.289	.064	-.121	-.558
100	1424	-.220	.035	-.104	-.416
100	1425	-.205	.026	-.129	-.313
100	1426	-.214	.040	-.104	-.433
100	1427	-.267	.051	-.100	-.502
100	1428	-.267	.051	-.114	-.706
100	1429	-.241	.042	-.094	-.534
100	1430	-.219	.035	-.092	-.340
100	1431	-.218	.034	-.102	-.391
100	1432	-.188	.032	-.059	-.309
100	1433	-.189	.029	-.077	-.279
100	1434	-.152	.037	.048	-.279
100	1435	-.161	.031	.029	-.244
100	1436	-.159	.029	-.035	-.293
100	1437	-.154	.027	-.044	-.242
100	1438	-.307	.079	-.104	-.630
100	1439	-.306	.083	-.080	-.711
100	1440	-.302	.090	-.084	-.684
100	1441	-.281	.121	.040	-.902
100	1442	-.263	.106	-.042	-.726
100	1443	-.191	.059	-.010	-.524
100	1444	-.156	.052	.010	-.378
100	1445	-.154	.048	-.022	-.328
100	1901	-.195	.049	-.032	-.379
100	1902	-.324	.115	-.025	-.931
100	1903	-.185	.085	.314	-.508
100	1904	-.302	.074	-.077	-.691
100	1905	-.359	.103	-.091	-.835
100	1906	.027	.093	.485	-.253
100	1907	-.243	.115	.187	-.804
100	1908	-.297	.065	-.108	-.630
100	1909	-.021	.172	.707	-.512
100	1910	-.372	.082	-.148	-.882
100	1911	-.183	.073	.238	-.555
100	1912	-.280	.064	-.096	-.548
100	1913	-.265	.082	.107	-.573
100	1914	-.309	.077	-.042	-.653
100	1915	-.259	.055	-.082	-.517
100	1916	-.283	.066	-.115	-.894
100	1917	-.327	.112	.060	-.898
100	1918	-.301	.116	.140	-.868
100	1919	-.364	.102	.027	-.924
100	1920	-.408	.074	-.209	-.750
100	1921	-.013	.078	.368	-.246
100	1922	-.358	.103	.067	-.773
100	1923	-.403	.090	-.171	-.922
100	1924	-.249	.043	-.110	-.430
100	1925	-.222	.037	-.093	-.383
100	1926	-.436	.195	.102	-1.352
100	1927	-.476	.133	.028	-1.091
100	1928	.091	.094	.589	-.119
110	1101	-.333	.052	-.180	-.633
110	1102	-.339	.053	-.173	-.664
110	1103	-.348	.064	-.132	-1.044
110	1104	-.351	.085	-.112	-1.097
110	1105	-.365	.116	-.044	-1.124
110	1106	-.338	.083	-.100	-.956
110	1107	-.356	.098	-.122	-1.146
110	1108	-.319	.047	-.175	-.511
110	1109	-.327	.050	-.151	-.625
110	1110	-.337	.052	-.156	-.620
110	1111	-.351	.062	-.149	-.730
110	1112	-.348	.061	-.168	-.708
110	1113	-.369	.080	-.151	-1.014
110	1114	-.372	.090	-.146	-.859
110	1115	-.344	.053	-.197	-.647
110	1116	-.350	.057	-.158	-.618
110	1117	-.363	.057	-.156	-.888
110	1118	-.375	.061	-.171	-.698
110	1119	-.390	.068	-.209	-.715
110	1120	-.405	.078	-.156	-.837
110	1121	-.427	.086	-.173	-.854
110	1122	-.392	.065	-.207	-.645
110	1123	-.388	.062	-.205	-.637
110	1124	-.397	.071	-.219	-.713
110	1125	-.418	.069	-.224	-.815
110	1126	-.420	.069	-.207	-.701
110	1127	-.445	.090	-.146	-.871
110	1128	-.462	.098	-.172	-.884
110	1129	-.403	.066	-.226	-.942
110	1130	-.411	.070	-.233	-.894
110	1131	-.419	.072	-.226	-.862
110	1132	-.421	.068	-.202	-.740
110	1133	-.435	.074	-.209	-.774
110	1134	-.451	.111	-.172	-.935
110	1135	-.471	.128	-.172	-1.264
110	1136	-.563	.171	-.188	-1.572
110	1137	-.532	.128	-.133	-1.115
110	1138	-.417	.072	-.138	-.728
110	1139	-.404	.075	-.126	-.723
110	1140	-.419	.093	-.077	-.928
110	1141	-.333	.084	-.014	-.738
110	1142	-.311	.099	-.004	-.755

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	1143	-.265	.068	-.009	-.552	110	1301	-.191	.049	.042	-.551	110	1351	-.091	.045	.055	-.269
110	1144	-.157	.096	.293	-.479	110	1302	-.504	.210	.151	-1.284	110	1352	-.081	.049	.115	-.238
110	1145	-.326	.066	-.063	-.599	110	1303	-.060	.235	.646	-.901	110	1353	-.063	.052	.197	-.224
110	1146	-.381	.078	-.141	-.798	110	1304	-.278	.134	.651	-.754	110	1354	-.056	.050	.151	-.216
110	1147	-.211	.083	.103	-.487	110	1305	-.350	.064	.052	-.640	110	1355	-.093	.046	.060	-.289
110	1201	.362	.182	.994	-.357	110	1306	-.176	.083	.067	-.665	110	1356	-.083	.048	.120	-.250
110	1202	.002	.133	.546	-.548	110	1307	-.495	.210	.359	-1.631	110	1357	-.063	.048	.123	-.221
110	1203	-.271	.097	.101	-.711	110	1308	.295	.202	1.094	-.419	110	1358	-.048	.049	.195	-.183
110	1204	.330	.154	.832	-.200	110	1309	.035	.201	.737	-.744	110	1359	-.050	.050	.151	-.176
110	1205	.324	.153	.807	-.125	110	1310	-.198	.087	.184	-.675	110	1360	-.049	.046	.147	-.216
110	1206	.257	.136	.756	-.171	110	1311	-.255	.089	.455	-.630	110	1361	-.091	.053	.106	-.317
110	1207	.133	.104	.517	-.282	110	1312	-.289	.062	-.054	-.610	110	1362	-.070	.046	.101	-.214
110	1208	.012	.085	.313	-.253	110	1313	-.221	.082	.002	-.807	110	1363	-.026	.048	.159	-.168
110	1209	.309	.153	.900	-.207	110	1314	-.499	.231	.311	-1.294	110	1401	-.292	.061	-.113	-.729
110	1210	.423	.171	1.009	-.127	110	1315	.306	.212	1.186	-.313	110	1402	-.290	.057	-.097	-.543
110	1211	.391	.146	.863	-.005	110	1316	.005	.113	.450	-.645	110	1403	-.284	.055	-.114	-.524
110	1212	.162	.107	.532	-.150	110	1317	-.225	.091	.275	-.627	110	1404	-.258	.045	-.115	-.438
110	1213	.018	.080	.339	-.189	110	1318	-.215	.064	-.047	-.501	110	1405	-.255	.049	-.076	-.454
110	1214	.240	.145	.805	-.139	110	1319	-.218	.137	.128	-.904	110	1406	-.297	.059	-.124	-.568
110	1215	.325	.149	.841	-.044	110	1320	-.479	.164	.235	-1.155	110	1407	-.311	.049	-.180	-.647
110	1216	.309	.134	.824	-.161	110	1321	-.263	.070	-.085	-.665	110	1408	-.301	.044	-.154	-.492
110	1217	.118	.098	.478	-.155	110	1322	-.457	.225	.220	-1.469	110	1409	-.288	.051	-.133	-.555
110	1218	-.027	.072	.281	-.262	110	1323	-.103	.158	.689	-.336	110	1410	-.283	.051	-.120	-.588
110	1219	.204	.138	.819	-.151	110	1324	-.064	.087	.402	-.374	110	1411	-.278	.046	-.151	-.503
110	1220	.301	.138	.880	-.066	110	1325	-.187	.080	.069	-.649	110	1412	-.341	.046	-.184	-.582
110	1221	.223	.115	.666	-.075	110	1326	-.175	.066	.007	-.527	110	1413	-.322	.045	-.129	-.522
110	1222	.067	.081	.352	-.122	110	1327	-.228	.141	.053	-.893	110	1414	-.327	.059	-.177	-.612
110	1223	-.072	.061	.244	-.239	110	1328	-.434	.155	.094	-1.092	110	1415	-.312	.061	-.164	-.862
110	1224	.117	.084	.520	-.112	110	1329	-.329	.068	-.143	-.611	110	1416	-.313	.068	-.097	-.811
110	1225	.135	.096	.566	-.086	110	1330	-.455	.153	-.084	-1.140	110	1417	-.352	.055	-.145	-.605
110	1226	.140	.092	.525	-.108	110	1331	-.035	.112	.580	-.412	110	1418	-.321	.047	-.117	-.541
110	1227	.015	.052	.228	-.140	110	1332	-.136	.069	.104	-.453	110	1419	-.338	.069	-.146	-.702
110	1228	-.119	.053	.209	-.306	110	1333	-.160	.061	.035	-.489	110	1420	-.400	.117	-.144	-1.118
110	1229	.210	.121	.685	-.086	110	1334	-.159	.064	.018	-.506	110	1421	-.395	.113	-.159	-1.201
110	1230	.181	.115	.681	-.108	110	1335	-.188	.096	.030	-.677	110	1422	-.324	.071	-.117	-.617
110	1231	.062	.074	.403	-.115	110	1336	-.421	.156	.010	-1.232	110	1423	-.294	.066	-.101	-.598
110	1232	-.000	.072	.416	-.249	110	1337	-.248	.047	-.107	-.499	110	1424	-.232	.032	-.129	-.347
110	1233	-.082	.067	.202	-.380	110	1338	-.327	.102	-.084	-1.270	110	1425	-.230	.028	-.154	-.362
110	1234	.155	.098	.586	-.061	110	1339	-.098	.063	.333	-.293	110	1426	-.245	.046	-.110	-.543
110	1235	.180	.109	.683	-.078	110	1340	-.111	.062	.152	-.425	110	1427	-.285	.036	-.058	-.573
110	1236	.059	.086	.452	-.173	110	1341	-.132	.051	.053	-.323	110	1428	-.279	.051	-.104	-.575
110	1237	-.086	.073	.216	-.412	110	1342	-.131	.028	-.043	-.257	110	1429	-.245	.035	-.107	-.401
110	1238	-.117	.082	.230	-.499	110	1343	-.112	.051	.076	-.318	110	1430	-.230	.036	-.083	-.362
110	1239	.047	.057	.308	-.150	110	1344	-.180	.081	.107	-.763	110	1431	-.236	.038	-.112	-.389
110	1240	-.018	.056	.244	-.186	110	1345	-.235	.040	-.125	-.416	110	1432	-.205	.034	-.069	-.377
110	1241	.306	.215	.965	-.592	110	1346	-.243	.040	-.101	-.382	110	1433	-.206	.029	-.111	-.304
110	1242	.059	.230	.725	-.672	110	1347	-.069	.038	.072	-.207	110	1434	-.166	.034	.041	-.274
110	1243	-.075	.163	.839	-.491	110	1348	-.070	.052	.156	-.231	110	1435	-.182	.034	-.031	-.332
110	1244	-.161	.057	.170	-.411	110	1349	-.096	.047	.077	-.245	110	1436	-.165	.030	-.015	-.304
110	1245	-.075	.057	.165	-.259	110	1350	-.090	.047	.106	-.255	110	1437	-.165	.030	-.024	-.264

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	1438	-.266	.078	-.061	-.650
110	1439	-.242	.068	-.088	-.604
110	1440	-.239	.074	-.014	-.594
110	1441	-.202	.090	.028	-.710
110	1442	-.176	.063	.033	-.423
110	1443	-.144	.061	.050	-.428
110	1444	-.103	.053	.072	-.292
110	1445	-.090	.050	.122	-.250
110	1901	-.222	.064	-.008	-.644
110	1902	-.370	.114	-.082	-.929
110	1903	-.214	.089	.172	-.621
110	1904	-.338	.077	-.103	-.656
110	1905	-.368	.111	-.054	-.873
110	1906	.096	.101	.568	-.241
110	1907	-.326	.126	.146	-.992
110	1908	-.360	.070	-.129	-.665
110	1909	.017	.141	.596	-.453
110	1910	-.394	.079	-.166	-.835
110	1911	-.226	.084	.102	-.558
110	1912	-.326	.066	-.089	-.623
110	1917	-.260	.074	.027	-.581
110	1914	-.306	.068	-.071	-.691
110	1915	-.283	.054	-.150	-.535
110	1916	-.286	.059	-.138	-.658
110	1917	-.336	.100	.041	-.838
110	1918	-.276	.112	.097	-.731
110	1919	-.323	.092	.072	-.761
110	1920	-.380	.064	-.162	-.724
110	1921	.031	.078	.314	-.187
110	1922	-.289	.102	.119	-.660
110	1923	-.383	.076	-.155	-.814
110	1924	-.256	.045	-.115	-.544
110	1925	-.238	.037	-.136	-.381
110	1926	-.461	.155	-.052	-1.202
110	1927	-.452	.129	-.027	-.989
110	1928	.126	.093	.522	-.117
120	1101	-.299	.044	-.163	-.491
120	1102	-.303	.045	-.133	-.469
120	1103	-.310	.052	-.155	-.633
120	1104	-.305	.055	-.113	-.590
120	1105	-.311	.079	-.118	-1.185
120	1106	-.294	.052	-.113	-.660
120	1107	-.304	.062	-.150	-.715
120	1108	-.291	.042	-.155	-.496
120	1109	-.293	.042	-.148	-.501
120	1110	-.300	.043	-.155	-.513
120	1111	-.305	.045	-.165	-.493
120	1112	-.309	.041	-.192	-.464
120	1113	-.315	.053	-.163	-.645
120	1114	-.317	.052	-.155	-.618
120	1115	-.296	.045	-.155	-.479
120	1116	-.299	.047	-.143	-.493
120	1117	-.307	.047	-.150	-.503
120	1118	-.320	.049	-.168	-.772
120	1119	-.337	.045	-.200	-.650
120	1120	-.350	.060	-.173	-.635
120	1121	-.359	.066	-.180	-.730
120	1122	-.315	.054	-.143	-.551
120	1123	-.322	.056	-.158	-.595
120	1124	-.328	.057	-.175	-.630
120	1125	-.343	.053	-.182	-.610
120	1126	-.367	.054	-.232	-.598
120	1127	-.404	.082	-.195	-.877
120	1128	-.421	.085	-.186	-.808
120	1129	-.349	.053	-.144	-.628
120	1130	-.358	.056	-.189	-.888
120	1131	-.365	.057	-.221	-.656
120	1132	-.382	.055	-.219	-.691
120	1133	-.387	.060	-.229	-.765
120	1134	-.435	.095	-.211	-.888
120	1135	-.461	.100	-.219	-.953
120	1136	-.440	.127	-.141	-1.393
120	1137	-.447	.108	-.161	-1.137
120	1138	-.374	.062	-.189	-.703
120	1139	-.376	.056	-.229	-.671
120	1140	-.389	.069	-.191	-.793
120	1141	-.344	.067	-.059	-.698
120	1142	-.344	.086	-.084	-.795
120	1143	-.278	.056	-.002	-.556
120	1144	-.194	.080	.131	-.431
120	1145	-.347	.049	-.159	-.558
120	1146	-.377	.056	-.234	-.636
120	1147	-.281	.064	.008	-.578
120	1201	-.231	.178	.762	-.280
120	1202	-.003	.136	.503	-.388
120	1203	-.240	.082	.151	-.533
120	1204	.311	.183	.878	-.618
120	1205	.292	.171	.784	-.270
120	1206	.197	.135	.671	-.212
120	1207	.080	.102	.405	-.269
120	1208	-.022	.080	.278	-.306
120	1209	.280	.170	.955	-.236
120	1210	.328	.162	.891	-.116
120	1211	.315	.156	.913	-.197
120	1212	.113	.108	.463	-.219
120	1213	-.027	.074	.228	-.304
120	1214	.186	.140	.715	-.226
120	1215	.244	.151	.820	-.168
120	1216	.269	.155	.767	-.278
120	1217	.073	.108	.423	-.261
120	1218	-.048	.080	.218	-.306
120	1219	.154	.118	.659	-.229
120	1220	.210	.131	.747	-.138
120	1221	.205	.125	.659	-.190
120	1222	.060	.097	.411	-.247
120	1223	-.065	.063	.133	-.294
120	1224	.121	.088	.539	-.116
120	1225	.129	.094	.505	-.104
120	1226	.143	.094	.598	-.114
120	1227	.043	.056	.234	-.122
120	1228	-.093	.058	.168	-.261
120	1229	.184	.114	.688	-.082
120	1230	.159	.109	.703	-.072
120	1231	.069	.076	.441	-.175
120	1232	.017	.076	.336	-.233
120	1233	-.060	.066	.159	-.282
120	1234	.145	.093	.505	-.116
120	1235	.143	.094	.507	-.116
120	1236	.057	.086	.400	-.175
120	1237	-.086	.064	.232	-.353
120	1238	-.136	.080	.199	-.601
120	1239	.025	.054	.305	-.110
120	1240	-.031	.056	.208	-.169
120	1241	.223	.170	.922	-.241
120	1242	.045	.141	.832	-.538
120	1243	-.100	.106	.445	-.476
120	1244	-.134	.056	.125	-.394
120	1245	-.055	.053	.241	-.210
120	1301	-.169	.062	.098	-.438
120	1302	-.343	.238	.465	-1.383
120	1303	-.082	.201	.694	-.700
120	1304	-.173	.123	.391	-.642
120	1305	-.229	.137	.495	-.499
120	1306	-.103	.073	.200	-.458
120	1307	-.271	.305	.623	-1.358
120	1308	.263	.187	.942	-.226
120	1309	.124	.175	.804	-.540
120	1310	-.129	.080	.192	-.537
120	1311	-.138	.106	.432	-.499
120	1312	-.221	.062	-.025	-.534
120	1313	-.211	.094	.110	-.810
120	1314	-.463	.206	.378	-1.164
120	1315	.300	.183	1.117	-.175
120	1316	.018	.096	.467	-.361
120	1317	-.150	.099	.498	-.522
120	1318	-.164	.053	.031	-.435
120	1319	-.103	.090	.256	-.608
120	1320	-.284	.269	.875	-1.047
120	1321	-.265	.091	.121	-1.011
120	1322	-.460	.202	.368	-1.159

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	1323	.070	.122	.644	-.293
120	1324	-.047	.072	.278	-.333
120	1325	-.143	.063	.161	-.422
120	1326	-.143	.053	.041	-.376
120	1327	-.167	.108	.092	-.809
120	1328	-.358	.163	.268	-1.098
120	1329	-.290	.065	-.116	-.775
120	1330	-.413	.133	-.098	-1.044
120	1331	-.050	.078	.363	-.305
120	1332	-.125	.055	.099	-.330
120	1333	-.129	.050	.056	-.318
120	1334	-.137	.049	.053	-.353
120	1335	-.168	.081	.030	-.614
120	1336	-.312	.138	.053	-.957
120	1337	-.234	.045	-.090	-.443
120	1338	-.288	.075	-.077	-.844
120	1339	-.082	.057	.214	-.259
120	1340	-.096	.054	.104	-.397
120	1341	-.114	.045	.071	-.277
120	1342	-.112	.029	-.034	-.174
120	1343	-.101	.043	.115	-.259
120	1344	-.154	.072	.168	-.443
120	1345	-.205	.036	-.091	-.347
120	1346	-.205	.040	-.036	-.372
120	1347	-.043	.038	.119	-.157
120	1348	-.052	.048	.170	-.195
120	1349	-.067	.045	.141	-.224
120	1350	-.067	.045	.119	-.212
120	1351	-.063	.043	.121	-.195
120	1352	-.066	.049	.124	-.263
120	1353	-.023	.057	.220	-.178
120	1354	-.037	.054	.211	-.210
120	1355	-.057	.048	.191	-.265
120	1356	-.054	.047	.129	-.186
120	1357	-.036	.052	.211	-.181
120	1358	-.027	.054	.201	-.188
120	1359	-.020	.053	.218	-.154
120	1360	-.042	.048	.182	-.234
120	1361	-.040	.048	.201	-.200
120	1362	-.045	.044	.109	-.169
120	1363	-.023	.044	.143	-.149
120	1401	-.295	.055	-.131	-.631
120	1402	-.291	.049	-.150	-.549
120	1403	-.273	.048	-.071	-.548
120	1404	-.253	.038	-.137	-.414
120	1405	-.259	.047	-.088	-.501
120	1406	-.293	.048	-.148	-.563
120	1407	-.306	.044	-.190	-.619
120	1408	-.296	.040	-.150	-.464
120	1409	-.280	.040	-.178	-.494
120	1410	-.276	.042	-.150	-.429
120	1411	-.271	.043	-.140	-.509
120	1412	-.317	.042	-.143	-.544
120	1413	-.313	.044	-.160	-.634
120	1414	-.309	.056	-.171	-.685
120	1415	-.301	.053	-.153	-.613
120	1416	-.296	.059	-.122	-.584
120	1417	-.317	.043	-.115	-.459
120	1418	-.303	.049	-.127	-.664
120	1419	-.328	.070	-.158	-.711
120	1420	-.357	.104	-.137	-1.011
120	1421	-.360	.097	-.141	-.840
120	1422	-.276	.055	.020	-.518
120	1423	-.244	.047	-.086	-.471
120	1424	-.216	.033	-.107	-.383
120	1425	-.233	.038	-.148	-.439
120	1426	-.240	.049	-.114	-.508
120	1427	-.281	.050	-.079	-.501
120	1428	-.272	.038	-.086	-.407
120	1429	-.232	.029	-.136	-.363
120	1430	-.236	.032	-.119	-.361
120	1431	-.237	.033	-.134	-.358
120	1432	-.209	.032	-.091	-.332
120	1433	-.213	.029	-.098	-.320
120	1434	-.160	.036	-.002	-.310
120	1435	-.187	.036	-.054	-.345
120	1436	-.159	.033	-.023	-.264
120	1437	-.158	.032	-.033	-.281
120	1438	-.216	.069	.028	-.657
120	1439	-.194	.061	-.009	-.483
120	1440	-.181	.060	.015	-.571
120	1441	-.163	.071	.057	-.600
120	1442	-.157	.053	.045	-.434
120	1443	-.133	.055	.107	-.412
120	1444	-.090	.055	.132	-.350
120	1445	-.049	.054	.347	-.197
120	1901	-.269	.083	-.071	-.766
120	1902	-.362	.091	-.104	-.880
120	1903	-.255	.077	.056	-.558
120	1904	-.350	.072	-.097	-.840
120	1905	-.435	.098	-.147	-1.183
120	1906	-.076	.097	.593	-.200
120	1907	-.361	.085	.009	-1.011
120	1908	-.353	.059	-.157	-.665
120	1909	-.037	.132	.564	-.372
120	1910	-.355	.065	-.147	-.703
120	1911	-.281	.064	.060	-.517
120	1912	-.339	.051	-.157	-.610
120	1913	-.275	.062	.008	-.589
120	1914	-.299	.057	-.114	-.484
120	1915	-.285	.040	-.150	-.603
120	1916	-.278	.041	-.135	-.520
120	1917	-.339	.094	-.047	-.937
120	1918	-.255	.092	.113	-.606
120	1919	-.232	.087	.139	-.563
120	1920	-.341	.066	-.121	-.718
120	1921	.034	.082	.428	-.178
120	1922	-.172	.101	.272	-.491
120	1923	-.299	.089	-.002	-.634
120	1924	-.263	.035	-.157	-.443
120	1925	-.245	.035	-.145	-.376
120	1926	-.416	.124	-.041	-1.069
120	1927	-.283	.155	.097	-.803
120	1928	.121	.096	.504	-.154
130	1101	-.262	.047	-.124	-.461
130	1102	-.268	.048	-.097	-.500
130	1103	-.271	.047	-.129	-.584
130	1104	-.282	.059	-.112	-.650
130	1105	-.279	.067	-.102	-.795
130	1106	-.280	.048	-.131	-.571
130	1107	-.288	.056	-.129	-.571
130	1108	-.265	.042	-.139	-.520
130	1109	-.270	.044	-.141	-.581
130	1110	-.274	.042	-.129	-.434
130	1111	-.280	.043	-.153	-.493
130	1112	-.283	.042	-.149	-.512
130	1113	-.290	.045	-.136	-.525
130	1114	-.295	.049	-.176	-.562
130	1115	-.266	.043	-.139	-.446
130	1116	-.270	.047	-.124	-.473
130	1117	-.274	.048	-.134	-.579
130	1118	-.290	.042	-.156	-.463
130	1119	-.303	.041	-.190	-.463
130	1120	-.319	.052	-.176	-.628
130	1121	-.327	.065	-.176	-.657
130	1122	-.272	.059	-.109	-1.127
130	1123	-.272	.051	-.114	-.746
130	1124	-.278	.050	-.134	-.530
130	1125	-.309	.048	-.185	-.505
130	1126	-.322	.047	-.176	-.544
130	1127	-.344	.071	-.072	-.822
130	1128	-.354	.076	-.192	-.653
130	1129	-.298	.053	-.148	-.512
130	1130	-.302	.054	-.146	-.675
130	1131	-.314	.057	-.138	-.572
130	1132	-.331	.050	-.193	-.572
130	1133	-.339	.053	-.205	-.616
130	1134	-.372	.083	-.160	-.828
130	1135	-.406	.092	-.170	-.800
130	1136	-.351	.102	-.095	-1.125

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1137	-.357	.088	-.126	-.749	130	1240	-.038	.064	.344	-.189	130	1345	-.180	.035	-.019	-.323
130	1138	-.326	.057	-.163	-.557	130	1241	.130	.152	.732	-.263	130	1346	-.170	.043	-.010	-.299
130	1139	-.329	.050	-.197	-.572	130	1242	.038	.127	.673	-.446	130	1347	-.023	.048	.241	-.144
130	1140	-.342	.056	-.192	-.700	130	1243	-.089	.072	.227	-.361	130	1348	-.044	.054	.303	-.182
130	1141	-.318	.060	-.067	-.596	130	1244	-.111	.052	.100	-.266	130	1349	-.072	.042	.129	-.179
130	1142	-.323	.076	-.116	-.746	130	1245	-.037	.062	.263	-.196	130	1350	-.073	.041	.122	-.177
130	1143	-.268	.046	-.079	-.473	130	1301	-.123	.079	.202	-.369	130	1351	-.068	.042	.136	-.196
130	1144	-.209	.062	.071	-.453	130	1302	-.103	.236	.585	-1.186	130	1352	-.075	.047	.157	-.215
130	1145	-.309	.044	-.158	-.503	130	1303	-.195	.183	.719	-.795	130	1353	-.006	.067	.514	-.151
130	1146	-.333	.050	-.190	-.586	130	1304	-.191	.121	.493	-.631	130	1354	-.020	.062	.442	-.158
130	1147	-.272	.054	-.005	-.510	130	1305	-.044	.149	.499	-.487	130	1355	-.065	.045	.160	-.177
130	1201	.153	.182	.835	-.361	130	1306	-.042	.089	.413	-.442	130	1356	-.056	.043	.227	-.153
130	1202	-.090	.131	.471	-.438	130	1307	.026	.248	.774	-1.166	130	1357	-.003	.073	.566	-.146
130	1203	-.244	.089	.091	-.653	130	1308	.116	.165	.779	-.369	130	1358	-.021	.062	.334	-.151
130	1204	.146	.220	.893	-.930	130	1309	.069	.161	.681	-.336	130	1359	-.014	.055	.227	-.136
130	1205	.135	.176	.794	-.451	130	1310	-.100	.073	.202	-.419	130	1360	-.056	.047	.165	-.246
130	1206	.084	.145	.596	-.383	130	1311	-.038	.136	.648	-.386	130	1361	-.019	.056	.241	-.141
130	1207	.007	.112	.344	-.365	130	1312	-.161	.055	.040	-.437	130	1362	-.053	.045	.179	-.244
130	1208	-.076	.082	.199	-.343	130	1313	-.139	.106	.267	-.725	130	1363	-.025	.047	.232	-.139
130	1209	.129	.202	.840	-.878	130	1314	-.203	.267	.618	-1.143	130	1401	-.287	.055	-.096	-.661
130	1210	.136	.187	1.029	-.557	130	1315	.181	.164	1.052	-.147	130	1402	-.280	.050	-.119	-.601
130	1211	.119	.156	.676	-.281	130	1316	.057	.119	.719	-.253	130	1403	-.261	.053	-.060	-.488
130	1212	-.022	.104	.351	-.441	130	1317	-.025	.153	.754	-.351	130	1404	-.251	.044	-.127	-.481
130	1213	-.106	.073	.140	-.318	130	1318	-.069	.085	.325	-.253	130	1405	-.250	.048	-.088	-.456
130	1214	.026	.115	.490	-.610	130	1319	-.024	.098	.408	-.497	130	1406	-.288	.052	-.140	-.699
130	1215	.055	.123	.630	-.625	130	1320	-.002	.229	.646	-.810	130	1407	-.296	.052	-.173	-.675
130	1216	.051	.123	.620	-.349	130	1321	-.216	.108	.116	-.916	130	1408	-.292	.045	-.156	-.540
130	1217	-.048	.098	.369	-.308	130	1322	-.286	.235	.585	-1.017	130	1409	-.274	.050	-.125	-.541
130	1218	-.128	.072	.206	-.380	130	1323	.055	.118	.683	-.232	130	1410	-.267	.048	-.109	-.510
130	1219	.035	.086	.516	-.359	130	1324	-.010	.083	.391	-.229	130	1411	-.265	.049	-.109	-.603
130	1220	.069	.101	.640	-.238	130	1325	-.077	.093	.424	-.350	130	1412	-.305	.065	-.098	-.955
130	1221	.061	.099	.559	-.328	130	1326	-.083	.069	.361	-.339	130	1413	-.304	.057	-.145	-.615
130	1222	-.046	.082	.393	-.277	130	1327	-.080	.079	.320	-.517	130	1414	-.294	.064	-.143	-.631
130	1223	-.120	.066	.146	-.340	130	1328	-.160	.158	.404	-.836	130	1415	-.287	.058	-.151	-.621
130	1224	.025	.075	.369	-.165	130	1329	-.254	.064	-.039	-.646	130	1416	-.284	.063	-.052	-.688
130	1225	.031	.081	.466	-.177	130	1330	-.346	.126	.151	-.899	130	1417	-.281	.052	-.100	-.717
130	1226	.069	.089	.497	-.226	130	1331	-.051	.063	.356	-.216	130	1418	-.268	.047	-.110	-.592
130	1227	-.007	.052	.202	-.166	130	1332	-.095	.051	.156	-.251	130	1419	-.300	.076	-.112	-.903
130	1228	-.094	.064	.183	-.331	130	1333	-.105	.054	.136	-.277	130	1420	-.317	.100	-.016	-.831
130	1229	.062	.094	.649	-.214	130	1334	-.098	.051	.194	-.254	130	1421	-.307	.093	-.049	-1.015
130	1230	.045	.091	.514	-.175	130	1335	-.104	.052	.083	-.396	130	1422	-.232	.047	-.049	-.464
130	1231	.010	.075	.451	-.197	130	1336	-.184	.108	.103	-.962	130	1423	-.209	.046	-.047	-.410
130	1232	-.037	.072	.332	-.261	130	1337	-.213	.042	-.064	-.507	130	1424	-.218	.039	-.100	-.558
130	1233	-.093	.063	.146	-.429	130	1338	-.263	.070	-.057	-.724	130	1425	-.253	.046	-.147	-.460
130	1234	.044	.080	.367	-.180	130	1339	-.075	.052	.204	-.246	130	1426	-.251	.067	-.091	-.697
130	1235	.037	.084	.437	-.199	130	1340	-.084	.049	.148	-.272	130	1427	-.260	.045	-.061	-.419
130	1236	-.014	.073	.236	-.264	130	1341	-.090	.044	.171	-.218	130	1428	-.248	.037	-.107	-.382
130	1237	-.084	.065	.249	-.373	130	1342	-.088	.026	.032	-.150	130	1429	-.219	.031	-.108	-.360
130	1238	-.103	.076	.193	-.410	130	1343	-.092	.041	.078	-.317	130	1430	-.220	.033	-.083	-.338
130	1239	-.011	.043	.258	-.128	130	1344	-.119	.058	.065	-.335	130	1431	-.225	.034	-.098	-.365

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	1432	-.193	.029	-.068	-.296	140	1109	-.259	.044	-.111	-.450	140	1212	-.109	.075	.259	-.278
130	1433	-.199	.029	-.094	-.296	140	1110	-.270	.046	-.126	-.487	140	1213	-.167	.056	.081	-.358
130	1434	-.149	.033	-.014	-.261	140	1111	-.281	.047	-.144	-.497	140	1214	-.162	.173	.373	-.857
130	1435	-.183	.032	-.077	-.337	140	1112	-.290	.046	-.158	-.477	140	1215	-.087	.142	.437	-.840
130	1436	-.150	.029	-.021	-.233	140	1113	-.298	.050	-.134	-.526	140	1216	-.065	.068	.263	-.408
130	1437	-.151	.029	-.049	-.242	140	1114	-.297	.050	-.124	-.521	140	1217	-.140	.060	.200	-.311
130	1438	-.183	.057	.032	-.462	140	1115	-.264	.049	-.094	-.694	140	1218	-.188	.052	.081	-.340
130	1439	-.150	.058	.083	-.445	140	1116	-.262	.048	-.107	-.534	140	1219	-.031	.074	.300	-.455
130	1440	-.111	.069	.220	-.516	140	1117	-.270	.044	-.141	-.516	140	1220	-.020	.067	.329	-.448
130	1441	-.104	.066	.193	-.442	140	1118	-.311	.053	-.158	-.536	140	1221	-.038	.071	.302	-.302
130	1442	-.114	.046	.069	-.321	140	1119	-.304	.046	-.144	-.479	140	1222	-.121	.064	.210	-.330
130	1443	-.104	.046	.079	-.363	140	1120	-.291	.047	-.141	-.548	140	1223	-.166	.049	.061	-.332
130	1444	-.078	.049	.188	-.304	140	1121	-.295	.054	-.102	-.608	140	1224	-.022	.069	.322	-.234
130	1445	-.017	.072	.381	-.146	140	1122	-.250	.051	-.084	-.674	140	1225	-.033	.070	.346	-.340
130	1901	-.263	.080	-.068	-.641	140	1123	-.254	.051	-.055	-.692	140	1226	.038	.096	.403	-.259
130	1902	-.306	.069	-.080	-.799	140	1124	-.269	.049	-.109	-.610	140	1227	-.021	.059	.201	-.246
130	1903	-.274	.069	.069	-.594	140	1125	-.305	.052	-.176	-.588	140	1228	-.082	.069	.390	-.332
130	1904	-.332	.066	-.150	-.622	140	1126	-.302	.047	-.153	-.553	140	1229	-.007	.078	.427	-.203
130	1905	-.397	.083	-.134	-.839	140	1127	-.305	.069	-.116	-.694	140	1230	-.019	.082	.432	-.222
130	1906	.011	.082	.357	-.261	140	1128	-.307	.071	-.120	-.655	140	1231	-.025	.078	.324	-.239
130	1907	-.339	.071	-.077	-.813	140	1129	-.267	.056	-.102	-.526	140	1232	-.066	.083	.329	-.370
130	1908	-.321	.055	-.127	-.563	140	1130	-.278	.056	-.130	-.551	140	1233	-.120	.078	.297	-.391
130	1909	-.104	.105	.359	-.384	140	1131	-.285	.057	-.095	-.682	140	1234	-.009	.076	.400	-.203
130	1910	-.309	.054	-.148	-.551	140	1132	-.318	.059	-.164	-.697	140	1235	-.007	.084	.435	-.244
130	1911	-.285	.056	.041	-.532	140	1133	-.329	.057	-.182	-.694	140	1236	-.047	.078	.322	-.310
130	1912	-.310	.048	-.108	-.565	140	1134	-.342	.082	-.070	-.798	140	1237	-.058	.055	.173	-.292
130	1913	-.266	.052	.003	-.464	140	1135	-.391	.103	-.132	-.972	140	1238	-.099	.069	.180	-.416
130	1914	-.282	.049	-.070	-.495	140	1136	-.304	.095	-.038	-1.033	140	1239	-.019	.041	.215	-.129
130	1915	-.258	.040	-.136	-.462	140	1137	-.322	.089	-.115	-.863	140	1240	-.030	.077	.378	-.206
130	1916	-.246	.037	-.084	-.365	140	1138	-.306	.060	-.107	-.583	140	1241	.281	.175	.885	-.226
130	1917	-.306	.079	-.096	-.940	140	1139	-.312	.054	-.145	-.580	140	1242	.171	.157	.760	-.374
130	1918	-.261	.073	.003	-.674	140	1140	-.330	.068	-.154	-.682	140	1243	-.034	.084	.406	-.265
130	1919	-.224	.077	.060	-.499	140	1141	-.290	.065	-.045	-.756	140	1244	-.028	.072	.273	-.247
130	1920	-.269	.065	.034	-.653	140	1142	-.298	.082	-.033	-.759	140	1245	.111	.120	.631	-.138
130	1921	-.052	.069	.258	-.264	140	1143	-.278	.051	-.098	-.467	140	1301	-.053	.086	.345	-.322
130	1922	-.188	.112	.242	-.605	140	1144	-.234	.062	.098	-.491	140	1302	.068	.173	.597	-.794
130	1923	-.241	.101	.062	-.761	140	1145	-.299	.050	-.125	-.509	140	1303	-.339	.147	.368	-.914
130	1924	-.235	.036	-.141	-.549	140	1146	-.325	.054	-.167	-.563	140	1304	-.269	.101	.396	-.623
130	1925	-.222	.033	-.096	-.365	140	1147	-.279	.062	.002	-.541	140	1305	-.069	.117	.434	-.444
130	1926	-.375	.118	-.032	-.964	140	1201	.216	.159	.753	-.382	140	1306	.062	.104	.383	-.225
130	1927	-.218	.126	.111	-.776	140	1202	-.156	.089	.314	-.460	140	1307	.204	.184	.789	-.429
130	1928	.027	.078	.432	-.176	140	1203	-.290	.063	-.070	-.573	140	1308	.155	.149	.924	-.258
140	1101	-.248	.045	-.052	-.442	140	1204	-.051	.260	.617	-1.182	140	1309	.098	.128	.541	-.286
140	1102	-.246	.045	-.109	-.442	140	1205	.025	.160	.537	-.749	140	1310	-.068	.072	.217	-.329
140	1103	-.261	.048	-.119	-.573	140	1206	-.000	.099	.346	-.271	140	1311	.056	.154	.771	-.329
140	1104	-.262	.051	-.099	-.553	140	1207	-.067	.082	.272	-.308	140	1312	-.106	.057	.123	-.549
140	1105	-.277	.056	-.092	-.679	140	1208	-.123	.068	.123	-.365	140	1313	-.048	.086	.276	-.962
140	1106	-.288	.049	-.126	-.514	140	1209	-.107	.240	.711	-.942	140	1314	-.031	.246	.643	-1.195
140	1107	-.291	.053	-.124	-.608	140	1210	-.020	.204	.503	-.881	140	1315	.310	.175	1.003	-.156
140	1108	-.256	.042	-.124	-.430	140	1211	-.016	.096	.506	-.345	140	1316	.192	.138	.781	-.179

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	1317	.179	.172	.888	-.288
140	1318	.091	.116	.556	-.263
140	1319	.136	.142	.648	-.243
140	1320	.209	.183	.860	-.459
140	1321	-.110	.094	.220	-.592
140	1322	-.159	.226	.528	-1.036
140	1323	.224	.168	.864	-.175
140	1324	.135	.126	.700	-.187
140	1325	.121	.151	.754	-.249
140	1326	.058	.105	.467	-.238
140	1327	.074	.123	.495	-.182
140	1328	.089	.143	.585	-.487
140	1329	-.226	.066	.005	-.685
140	1330	-.302	.168	.172	-1.000
140	1331	.050	.090	.387	-.192
140	1332	-.008	.071	.308	-.187
140	1333	-.061	.067	.303	-.282
140	1334	-.029	.060	.228	-.203
140	1335	-.067	.046	.192	-.251
140	1336	-.068	.082	.262	-.480
140	1337	-.202	.057	.059	-.444
140	1338	-.259	.094	.031	-.910
140	1339	.015	.077	.280	-.200
140	1340	-.006	.074	.316	-.182
140	1341	-.020	.070	.272	-.197
140	1342	-.009	.050	.180	-.131
140	1343	-.059	.058	.200	-.331
140	1344	-.062	.065	.154	-.354
140	1345	-.147	.041	.038	-.274
140	1346	-.084	.065	.181	-.257
140	1347	.147	.102	.503	-.097
140	1348	.083	.097	.428	-.158
140	1349	-.002	.070	.256	-.170
140	1350	.008	.070	.275	-.138
140	1351	-.021	.056	.220	-.177
140	1352	.011	.070	.312	-.279
140	1353	.170	.125	.614	-.119
140	1354	.131	.119	.595	-.109
140	1355	.004	.074	.278	-.158
140	1356	.039	.073	.358	-.153
140	1357	.169	.137	.786	-.134
140	1358	.117	.108	.578	-.109
140	1359	.134	.114	.685	-.112
140	1360	.003	.068	.307	-.259
140	1361	.128	.109	.561	-.117
140	1362	.029	.075	.350	-.228
140	1363	.091	.102	.474	-.105
140	1401	-.284	.052	-.129	-.610
140	1402	-.276	.051	-.108	-.538
140	1403	-.255	.055	-.081	-.568
140	1404	-.251	.046	-.090	-.433
140	1405	-.251	.049	-.095	-.436
140	1406	-.288	.059	-.110	-.800
140	1407	-.304	.058	-.147	-.835
140	1408	-.290	.047	-.166	-.659
140	1409	-.268	.047	-.139	-.534
140	1410	-.261	.049	-.100	-.503
140	1411	-.254	.047	-.111	-.485
140	1412	-.318	.069	-.138	-.816
140	1413	-.317	.066	-.155	-.741
140	1414	-.299	.070	-.142	-.807
140	1415	-.281	.056	-.119	-.537
140	1416	-.272	.054	-.106	-.607
140	1417	-.323	.085	-.056	-.832
140	1418	-.322	.078	-.110	-.727
140	1419	-.328	.097	-.113	-.940
140	1420	-.306	.103	-.054	-1.078
140	1421	-.303	.099	-.005	-.959
140	1422	-.229	.066	-.026	-.566
140	1423	-.219	.064	.033	-.550
140	1424	-.283	.093	-.056	-.697
140	1425	-.300	.067	-.113	-.618
140	1426	-.297	.086	-.076	-.645
140	1427	-.246	.057	-.033	-.479
140	1428	-.237	.046	.007	-.409
140	1429	-.208	.042	-.061	-.388
140	1430	-.214	.049	-.059	-.461
140	1431	-.214	.046	-.039	-.402
140	1432	-.167	.032	-.021	-.281
140	1433	-.175	.030	-.061	-.285
140	1434	-.120	.035	.035	-.222
140	1435	-.158	.032	-.054	-.286
140	1436	-.121	.030	-.009	-.225
140	1437	-.119	.033	.019	-.215
140	1438	-.162	.058	.062	-.407
140	1439	-.070	.073	.194	-.385
140	1440	.017	.095	.368	-.253
140	1441	.015	.096	.417	-.238
140	1442	-.079	.045	.085	-.313
140	1443	-.033	.057	.211	-.206
140	1444	.014	.072	.293	-.159
140	1445	.144	.128	.691	-.099
140	1901	-.262	.085	.022	-.584
140	1902	-.280	.065	-.068	-.726
140	1903	-.291	.072	.083	-.575
140	1904	-.344	.087	-.014	-.755
140	1905	-.388	.076	-.161	-.729
140	1906	-.037	.076	.294	-.288
140	1907	-.343	.081	-.085	-.807
140	1908	-.299	.060	-.061	-.523
140	1909	-.163	.098	.313	-.551
140	1910	-.287	.065	-.078	-.556
140	1911	-.279	.065	.076	-.509
140	1912	-.292	.053	-.104	-.518
140	1913	-.269	.056	-.102	-.487
140	1914	-.280	.057	-.102	-.554
140	1915	-.251	.048	-.090	-.480
140	1916	-.236	.046	-.023	-.383
140	1917	-.300	.064	-.113	-.849
140	1918	-.295	.065	-.071	-.568
140	1919	-.265	.077	.074	-.539
140	1920	-.206	.066	.130	-.537
140	1921	-.099	.056	.178	-.312
140	1922	-.266	.099	.122	-.633
140	1923	-.309	.149	.082	-.896
140	1924	-.225	.045	-.064	-.390
140	1925	-.208	.042	-.057	-.357
140	1926	-.371	.115	-.069	-.986
140	1927	-.280	.120	.122	-.742
140	1928	-.018	.073	.308	-.267
150	1101	-.219	.046	-.054	-.442
150	1102	-.220	.044	-.071	-.382
150	1103	-.233	.049	-.081	-.482
150	1104	-.234	.052	-.050	-.488
150	1105	-.247	.050	-.020	-.552
150	1106	-.256	.048	-.083	-.425
150	1107	-.261	.051	-.105	-.490
150	1108	-.234	.043	-.092	-.444
150	1109	-.232	.043	-.100	-.412
150	1110	-.236	.043	-.081	-.427
150	1111	-.244	.042	-.122	-.418
150	1112	-.255	.041	-.128	-.467
150	1113	-.260	.044	-.113	-.431
150	1114	-.264	.045	-.134	-.567
150	1115	-.240	.045	-.092	-.507
150	1116	-.237	.041	-.103	-.404
150	1117	-.248	.043	-.120	-.467
150	1118	-.267	.045	-.117	-.476
150	1119	-.267	.044	-.107	-.437
150	1120	-.273	.049	-.100	-.461
150	1121	-.280	.052	-.075	-.488
150	1122	-.242	.054	-.067	-.550
150	1123	-.242	.051	-.060	-.541
150	1124	-.252	.048	-.128	-.537
150	1125	-.280	.051	-.153	-.507
150	1126	-.289	.050	-.120	-.505
150	1127	-.313	.070	-.096	-.675
150	1128	-.328	.064	-.113	-.684
150	1129	-.255	.064	-.085	-.656
150	1130	-.263	.073	-.098	-.756

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1131	-.270	.067	-.093	-.675
150	1132	-.296	.064	-.108	-.690
150	1133	-.288	.056	-.055	-.497
150	1134	-.323	.084	-.047	-.684
150	1135	-.348	.104	-.070	-.837
150	1136	-.335	.188	.025	-1.793
150	1137	-.306	.107	-.055	-.917
150	1138	-.296	.066	-.117	-.614
150	1139	-.290	.056	-.055	-.552
150	1140	-.260	.056	-.064	-.720
150	1141	-.233	.060	-.028	-.501
150	1142	-.235	.073	-.019	-.586
150	1143	-.279	.062	-.053	-.533
150	1144	-.250	.062	-.030	-.467
150	1145	-.251	.050	-.100	-.442
150	1146	-.261	.054	-.110	-.548
150	1147	-.243	.057	.070	-.552
150	1201	.269	.135	.737	-.323
150	1202	-.135	.064	.147	-.400
150	1203	-.272	.058	-.045	-.544
150	1204	-.279	.230	.490	-1.148
150	1205	-.077	.212	.389	-.990
150	1206	-.017	.071	.331	-.344
150	1207	-.081	.055	.238	-.285
150	1208	-.132	.047	.079	-.272
150	1209	-.279	.190	.373	-1.004
150	1210	-.203	.238	.534	-1.011
150	1211	-.034	.078	.249	-.645
150	1212	-.119	.045	.087	-.376
150	1213	-.166	.038	.021	-.282
150	1214	-.288	.173	.296	-1.007
150	1215	-.275	.202	.277	-1.114
150	1216	-.091	.076	.153	-.951
150	1217	-.153	.041	.066	-.401
150	1218	-.188	.041	.064	-.421
150	1219	-.035	.101	.298	-.638
150	1220	-.022	.071	.303	-.433
150	1221	-.055	.051	.213	-.249
150	1222	-.143	.042	.054	-.352
150	1223	-.180	.038	-.026	-.318
150	1224	-.020	.069	.310	-.300
150	1225	-.017	.076	.359	-.309
150	1226	.022	.093	.431	-.237
150	1227	-.055	.050	.140	-.239
150	1228	-.112	.067	.203	-.390
150	1229	-.034	.079	.347	-.311
150	1230	-.032	.081	.305	-.281
150	1231	-.047	.081	.307	-.232
150	1232	-.131	.080	.275	-.591
150	1233	-.165	.078	.185	-.452
150	1234	-.032	.075	.279	-.276
150	1235	-.033	.082	.356	-.262
150	1236	-.087	.082	.317	-.344
150	1237	-.052	.058	.211	-.273
150	1238	-.074	.073	.343	-.356
150	1239	-.010	.055	.311	-.129
150	1240	.016	.094	.371	-.221
150	1241	.389	.159	.951	-.134
150	1242	.280	.147	.824	-.147
150	1243	.041	.080	.355	-.241
150	1244	.068	.076	.385	-.174
150	1245	.229	.123	.668	-.060
150	1301	.010	.090	.352	-.325
150	1302	.181	.157	.737	-.861
150	1303	-.332	.104	.231	-.737
150	1304	-.256	.074	.082	-.605
150	1305	-.107	.107	.318	-.552
150	1306	.151	.105	.523	-.203
150	1307	.310	.154	.819	-.164
150	1308	.159	.119	1.032	-.235
150	1309	.138	.108	.508	-.245
150	1310	-.018	.073	.216	-.303
150	1311	.122	.131	.642	-.318
150	1312	-.063	.057	.204	-.408
150	1313	.020	.087	.372	-.491
150	1314	.065	.238	.742	-1.127
150	1315	.392	.148	.923	-.006
150	1316	.290	.128	.733	-.089
150	1317	.297	.160	.888	-.149
150	1318	.220	.105	.567	-.062
150	1319	.295	.137	.735	-.120
150	1320	.320	.163	.854	-.171
150	1321	-.062	.090	.233	-.824
150	1322	-.086	.246	.752	-.956
150	1323	.344	.151	.874	-.102
150	1324	.265	.124	.691	-.088
150	1325	.245	.150	.838	-.144
150	1326	.192	.106	.584	-.117
150	1327	.226	.136	.757	-.190
150	1328	.205	.143	.738	-.302
150	1329	-.187	.057	.120	-.565
150	1330	-.261	.187	.259	-.974
150	1331	.150	.092	.449	-.114
150	1332	.083	.071	.354	-.144
150	1333	.035	.082	.420	-.188
150	1334	.047	.068	.366	-.156
150	1335	-.036	.048	.161	-.219
150	1336	-.019	.075	.318	-.359
150	1337	-.154	.061	.047	-.449
150	1338	-.225	.095	.071	-.783
150	1339	.115	.086	.435	-.110
150	1340	.101	.075	.386	-.097
150	1341	.076	.074	.359	-.158
150	1342	.089	.058	.271	-.048
150	1343	.017	.084	.325	-.346
150	1344	.019	.072	.298	-.236
150	1345	-.110	.042	.087	-.255
150	1346	-.015	.064	.207	-.274
150	1347	.247	.109	.544	-.091
150	1348	.211	.105	.668	-.054
150	1349	.118	.093	.449	-.107
150	1350	.104	.087	.451	-.091
150	1351	.085	.075	.470	-.093
150	1352	.099	.083	.451	-.130
150	1353	.314	.132	.781	-.020
150	1354	.263	.119	.765	-.057
150	1355	.132	.092	.481	-.110
150	1356	.123	.081	.412	-.105
150	1357	.301	.146	.904	-.050
150	1358	.253	.122	.647	-.050
150	1359	.253	.110	.694	-.010
150	1360	.082	.085	.419	-.160
150	1361	.248	.116	.701	-.052
150	1362	.119	.084	.435	-.119
150	1363	.219	.109	.597	-.073
150	1401	-.276	.071	-.101	-.759
150	1402	-.264	.059	-.052	-.669
150	1403	-.252	.066	-.075	-.738
150	1404	-.246	.045	-.121	-.485
150	1405	-.238	.055	-.054	-.505
150	1406	-.279	.073	-.075	-.814
150	1407	-.299	.068	-.135	-.759
150	1408	-.290	.066	-.101	-.713
150	1409	-.266	.052	-.087	-.554
150	1410	-.245	.046	-.084	-.432
150	1411	-.240	.047	-.072	-.559
150	1412	-.325	.072	-.147	-.838
150	1413	-.324	.065	-.145	-.808
150	1414	-.312	.067	-.109	-.721
150	1415	-.289	.055	-.121	-.843
150	1416	-.291	.064	-.094	-.577
150	1417	-.369	.087	-.060	-.773
150	1418	-.372	.084	-.137	-.757
150	1419	-.358	.081	-.129	-.967
150	1420	-.334	.078	-.096	-.885
150	1421	-.342	.072	-.079	-.630
150	1422	-.252	.086	-.014	-.721
150	1423	-.240	.081	-.036	-.542
150	1424	-.354	.091	-.095	-.682
150	1425	-.315	.057	-.164	-.517

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	1426	-.310	.076	-.067	-.686
150	1427	-.226	.059	.050	-.524
150	1428	-.220	.049	.016	-.442
150	1429	-.197	.044	-.029	-.380
150	1430	-.211	.053	-.039	-.439
150	1431	-.204	.051	-.060	-.446
150	1432	-.139	.031	-.032	-.267
150	1433	-.167	.031	-.042	-.267
150	1434	-.081	.035	.054	-.205
150	1435	-.133	.030	-.018	-.229
150	1436	-.085	.030	.051	-.172
150	1437	-.092	.028	.047	-.179
150	1438	-.129	.067	.244	-.385
150	1439	-.007	.068	.232	-.272
150	1440	.135	.096	.527	-.112
150	1441	.133	.100	.488	-.124
150	1442	-.032	.042	.171	-.174
150	1443	.050	.071	.397	-.107
150	1444	.111	.084	.452	-.088
150	1445	.282	.127	.961	-.005
150	1901	-.277	.091	-.014	-.813
150	1902	-.250	.057	-.042	-.526
150	1903	-.271	.061	-.034	-.660
150	1904	-.330	.090	-.089	-.740
150	1905	-.385	.086	-.089	-.721
150	1906	-.085	.075	.224	-.486
150	1907	-.293	.071	-.083	-.638
150	1908	-.242	.055	-.012	-.441
150	1909	-.208	.085	.462	-.516
150	1910	-.277	.068	.009	-.589
150	1911	-.236	.059	.000	-.496
150	1912	-.245	.055	-.071	-.447
150	1913	-.273	.067	-.067	-.540
150	1914	-.273	.063	-.034	-.496
150	1915	-.238	.052	-.063	-.606
150	1916	-.224	.049	-.019	-.482
150	1917	-.280	.063	-.097	-.738
150	1918	-.272	.059	-.061	-.589
150	1919	-.260	.069	.019	-.516
150	1920	-.139	.069	.108	-.364
150	1921	-.132	.060	.124	-.453
150	1922	-.263	.076	.031	-.564
150	1923	-.347	.126	-.095	-.825
150	1924	-.216	.047	-.073	-.414
150	1925	-.208	.046	-.028	-.416
150	1926	-.331	.108	.003	-1.044
150	1927	-.326	.110	.012	-.794
150	1928	-.057	.069	.263	-.307
160	1101	-.226	.045	-.056	-.403
160	1102	-.228	.046	-.062	-.410
160	1103	-.232	.048	-.085	-.510
160	1104	-.231	.048	-.068	-.438
160	1105	-.248	.050	-.092	-.455
160	1106	-.251	.056	-.090	-.516
160	1107	-.254	.057	-.073	-.630
160	1108	-.231	.040	-.115	-.423
160	1109	-.232	.042	-.088	-.416
160	1110	-.238	.041	-.105	-.416
160	1111	-.241	.039	-.103	-.389
160	1112	-.242	.038	-.105	-.382
160	1113	-.248	.045	-.107	-.527
160	1114	-.255	.049	-.068	-.491
160	1115	-.251	.047	-.111	-.529
160	1116	-.259	.053	-.107	-.644
160	1117	-.260	.047	-.117	-.587
160	1118	-.259	.039	-.135	-.450
160	1119	-.257	.034	-.130	-.374
160	1120	-.256	.038	-.090	-.418
160	1121	-.260	.043	-.137	-.455
160	1122	-.280	.095	-.111	-.956
160	1123	-.301	.099	-.128	-1.216
160	1124	-.304	.079	-.126	-.751
160	1125	-.276	.048	-.075	-.523
160	1126	-.265	.036	-.126	-.418
160	1127	-.276	.042	-.152	-.459
160	1128	-.292	.046	-.151	-.545
160	1129	-.325	.120	-.081	-.914
160	1130	-.341	.129	-.107	-1.026
160	1131	-.301	.092	-.102	-.993
160	1132	-.257	.047	-.100	-.517
160	1133	-.250	.038	-.122	-.395
160	1134	-.267	.048	-.109	-.613
160	1135	-.281	.050	-.143	-.530
160	1136	-.301	.141	-.036	-1.449
160	1137	-.280	.091	-.077	-.934
160	1138	-.254	.056	-.096	-.536
160	1139	-.238	.044	-.066	-.440
160	1140	-.226	.037	-.098	-.372
160	1141	-.226	.035	-.098	-.354
160	1142	-.231	.038	-.081	-.389
160	1143	-.242	.048	-.062	-.483
160	1144	-.235	.046	-.047	-.500
160	1145	-.223	.031	-.092	-.357
160	1146	-.231	.031	-.109	-.382
160	1147	-.226	.031	-.124	-.327
160	1201	-.084	.127	.718	-.400
160	1202	-.153	.075	.222	-.485
160	1203	-.273	.062	-.089	-.634
160	1204	-.412	.197	.271	-1.457
160	1205	-.296	.227	.268	-1.116
160	1206	-.081	.063	.108	-.528
160	1207	-.129	.038	.049	-.329
160	1208	-.167	.037	-.042	-.406
160	1209	-.369	.176	.462	-1.012
160	1210	-.331	.219	.285	-.991
160	1211	-.105	.101	.174	-.936
160	1212	-.152	.039	-.013	-.427
160	1213	-.189	.035	-.066	-.376
160	1214	-.379	.186	.233	-1.163
160	1215	-.287	.207	.202	-1.191
160	1216	-.133	.094	.091	-.787
160	1217	-.190	.047	-.013	-.513
160	1218	-.214	.041	-.072	-.543
160	1219	-.092	.148	.450	-1.057
160	1220	-.058	.098	.311	-.738
160	1221	-.091	.056	.165	-.427
160	1222	-.179	.048	-.022	-.353
160	1223	-.224	.052	-.048	-.428
160	1224	-.088	.075	.266	-.348
160	1225	-.083	.070	.224	-.277
160	1226	-.079	.067	.257	-.341
160	1227	-.134	.048	.047	-.315
160	1228	-.174	.066	.158	-.408
160	1229	-.144	.078	.273	-.433
160	1230	-.140	.074	.268	-.438
160	1231	-.170	.065	.157	-.407
160	1232	-.204	.074	.234	-.545
160	1233	-.217	.066	.154	-.527
160	1234	-.136	.061	.143	-.355
160	1235	-.127	.056	.120	-.332
160	1236	-.166	.047	.087	-.367
160	1237	-.049	.059	.335	-.246
160	1238	-.066	.065	.317	-.307
160	1239	.020	.062	.344	-.133
160	1240	.077	.095	.481	-.153
160	1241	.210	.132	.781	-.141
160	1242	.170	.114	.690	-.164
160	1243	-.008	.054	.243	-.179
160	1244	.030	.059	.293	-.164
160	1245	.158	.086	.565	-.048
160	1301	.015	.123	.470	-.422
160	1302	.143	.207	.746	-.916
160	1303	-.327	.123	.349	-.844
160	1304	-.281	.084	-.023	-.671
160	1305	-.177	.094	.253	-.568
160	1306	.170	.119	.593	-.178
160	1307	.252	.149	.776	-.302
160	1308	.107	.114	.561	-.252
160	1309	.113	.114	.539	-.218
160	1310	-.046	.098	.361	-.361

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	1311	.097	.133	.638	-.399
160	1312	-.060	.083	.391	-.400
160	1313	.015	.118	.467	-.642
160	1314	.056	.290	.986	-1.026
160	1315	.336	.165	.948	-.065
160	1316	.233	.150	.882	-.151
160	1317	.292	.166	.997	-.144
160	1318	.193	.128	.707	-.122
160	1319	.270	.141	.783	-.186
160	1320	.281	.151	.736	-.166
160	1321	-.090	.102	.305	-.832
160	1322	-.174	.257	.576	-1.054
160	1323	.246	.128	.826	-.056
160	1324	.197	.112	.683	-.054
160	1325	.213	.130	.713	-.084
160	1326	.156	.110	.609	-.109
160	1327	.186	.114	.713	-.091
160	1328	.199	.140	.777	-.209
160	1329	-.177	.070	.079	-.396
160	1330	-.299	.173	.327	-1.009
160	1331	.115	.086	.488	-.109
160	1332	.048	.062	.295	-.106
160	1333	.039	.077	.391	-.185
160	1334	.036	.070	.374	-.153
160	1335	-.038	.046	.136	-.277
160	1336	-.056	.074	.230	-.321
160	1337	-.156	.061	.077	-.490
160	1338	-.227	.110	.164	-.888
160	1339	.105	.082	.453	-.074
160	1340	.072	.073	.366	-.101
160	1341	.064	.077	.433	-.151
160	1342	.074	.056	.339	-.054
160	1343	.029	.077	.300	-.252
160	1344	.028	.073	.401	-.178
160	1345	-.126	.038	.033	-.281
160	1346	-.060	.059	.162	-.228
160	1347	.191	.084	.542	-.002
160	1348	.171	.098	.587	-.058
160	1349	.086	.091	.465	-.109
160	1350	.100	.086	.447	-.123
160	1351	.071	.079	.383	-.133
160	1352	.087	.076	.421	-.077
160	1353	.234	.114	.699	-.004
160	1354	.185	.103	.652	-.045
160	1355	.113	.094	.449	-.084
160	1356	.102	.083	.468	-.086
160	1357	.254	.119	.827	.017
160	1358	.200	.107	.661	-.046
160	1359	.206	.111	.785	-.014
160	1360	.087	.069	.612	-.142
160	1361	.185	.098	.568	-.021
160	1362	.091	.082	.449	-.161
160	1363	.163	.092	.610	-.032
160	1401	-.286	.083	-.062	-.773
160	1402	-.279	.076	-.614	-.820
160	1403	-.284	.089	-.095	-.759
160	1404	-.277	.065	-.129	-.789
160	1405	-.273	.074	-.069	-.824
160	1406	-.289	.095	-.058	-.854
160	1407	-.293	.083	-.093	-.810
160	1408	-.291	.075	-.113	-.943
160	1409	-.266	.065	-.066	-.655
160	1410	-.254	.051	-.106	-.502
160	1411	-.252	.054	-.094	-.552
160	1412	-.304	.074	-.121	-.832
160	1413	-.304	.071	-.141	-.711
160	1414	-.280	.059	-.131	-.673
160	1415	-.265	.040	-.152	-.456
160	1416	-.262	.047	-.137	-.529
160	1417	-.335	.076	-.143	-.943
160	1418	-.327	.070	-.127	-.913
160	1419	-.310	.072	-.096	-.799
160	1420	-.302	.065	-.129	-.892
160	1421	-.296	.062	-.147	-.666
160	1422	-.255	.057	-.018	-.523
160	1423	-.257	.061	-.030	-.618
160	1424	-.273	.050	-.137	-.526
160	1425	-.257	.027	-.175	-.361
160	1426	-.262	.049	-.125	-.511
160	1427	-.237	.042	-.078	-.474
160	1428	-.235	.039	-.091	-.418
160	1429	-.197	.032	-.083	-.337
160	1430	-.213	.031	-.104	-.340
160	1431	-.209	.031	-.116	-.359
160	1432	-.157	.030	.008	-.262
160	1433	-.193	.025	-.107	-.295
160	1434	-.114	.028	.020	-.194
160	1435	-.159	.026	-.073	-.247
160	1436	-.109	.025	.001	-.198
160	1437	-.115	.024	-.006	-.188
160	1438	-.145	.091	.315	-.464
160	1439	-.061	.077	.234	-.433
160	1440	.086	.097	.668	-.226
160	1441	.088	.086	.455	-.134
160	1442	-.039	.042	.130	-.175
160	1443	.025	.056	.236	-.146
160	1444	.078	.066	.320	-.149
160	1445	.170	.088	.587	-.031
160	1901	-.259	.060	-.065	-.546
160	1902	-.253	.044	-.128	-.493
160	1903	-.237	.037	-.083	-.435
160	1904	-.243	.049	-.090	-.550
160	1905	-.267	.076	-.040	-.611
160	1906	-.163	.065	.127	-.394
160	1907	-.244	.044	-.085	-.617
160	1908	-.231	.035	-.079	-.370
160	1909	-.223	.055	.111	-.439
160	1910	-.245	.055	-.055	-.478
160	1911	-.221	.032	-.092	-.353
160	1912	-.220	.036	-.069	-.368
160	1913	-.239	.049	-.024	-.519
160	1914	-.238	.050	-.102	-.505
160	1915	-.244	.044	-.071	-.464
160	1916	-.233	.039	-.102	-.431
160	1917	-.293	.079	-.073	-.834
160	1918	-.272	.065	-.053	-.611
160	1919	-.266	.065	-.018	-.540
160	1920	-.124	.083	.134	-.413
160	1921	-.182	.051	.050	-.421
160	1922	-.273	.073	-.053	-.645
160	1923	-.351	.102	-.062	-.808
160	1924	-.235	.040	-.106	-.398
160	1925	-.234	.037	-.079	-.374
160	1926	-.360	.129	-.014	-1.328
160	1927	-.370	.110	-.021	-1.186
160	1928	-.152	.066	.125	-.452
170	1101	-.195	.036	-.062	-.338
170	1102	-.198	.036	-.079	-.377
170	1103	-.198	.035	-.062	-.371
170	1104	-.207	.039	-.079	-.375
170	1105	-.214	.040	-.077	-.392
170	1106	-.218	.042	-.060	-.440
170	1107	-.220	.052	-.064	-.513
170	1108	-.200	.034	-.077	-.377
170	1109	-.200	.031	-.101	-.334
170	1110	-.200	.031	-.111	-.340
170	1111	-.203	.030	-.124	-.351
170	1112	-.206	.028	-.120	-.327
170	1113	-.211	.036	-.092	-.440
170	1114	-.215	.041	-.088	-.427
170	1115	-.202	.032	-.072	-.386
170	1116	-.205	.032	-.105	-.364
170	1117	-.210	.031	-.124	-.364
170	1118	-.206	.027	-.114	-.362
170	1119	-.205	.026	-.101	-.323
170	1120	-.213	.033	-.101	-.379
170	1121	-.221	.039	-.083	-.429
170	1122	-.236	.058	-.107	-.705
170	1123	-.237	.056	-.120	-.772
170	1124	-.230	.040	-.126	-.420

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	1125	-.208	.027	-.124	-.399	170	1228	-.168	.044	-.018	-.322	170	1333	.043	.057	.337	-.121
170	1126	-.208	.025	-.120	-.299	170	1229	-.175	.034	-.061	-.396	170	1334	.027	.050	.252	-.139
170	1127	-.211	.029	-.103	-.327	170	1230	-.177	.032	-.090	-.324	170	1335	-.059	.045	.162	-.236
170	1128	-.219	.032	-.106	-.409	170	1231	-.174	.031	-.087	-.319	170	1336	-.135	.042	.039	-.339
170	1129	-.277	.071	-.112	-.794	170	1232	-.189	.041	.010	-.363	170	1337	-.127	.044	.049	-.351
170	1130	-.263	.065	-.108	-.876	170	1233	-.195	.039	-.043	-.395	170	1338	-.164	.081	.049	-.657
170	1131	-.218	.042	-.112	-.463	170	1234	-.164	.027	-.070	-.302	170	1339	.078	.053	.279	-.081
170	1132	-.202	.024	-.123	-.324	170	1235	-.164	.028	-.080	-.307	170	1340	.053	.050	.259	-.084
170	1133	-.212	.024	-.136	-.311	170	1236	-.165	.027	-.093	-.262	170	1341	.035	.048	.317	-.114
170	1134	-.218	.030	-.127	-.391	170	1237	-.054	.042	.158	-.197	170	1342	.046	.032	.189	-.031
170	1135	-.222	.029	-.114	-.352	170	1238	-.054	.049	.154	-.219	170	1343	.020	.041	.172	-.141
170	1136	-.179	.036	-.037	-.431	170	1239	.017	.054	.340	-.106	170	1344	.024	.044	.209	-.139
170	1137	-.194	.042	-.086	-.554	170	1240	.092	.079	.412	-.094	170	1345	-.119	.037	.031	-.280
170	1138	-.190	.027	-.097	-.307	170	1241	.131	.100	.707	-.170	170	1346	-.083	.045	.057	-.259
170	1139	-.195	.027	-.067	-.305	170	1242	.090	.086	.468	-.157	170	1347	.126	.051	.305	.008
170	1140	-.204	.028	-.088	-.329	170	1243	-.009	.047	.238	-.142	170	1348	.111	.058	.360	-.051
170	1141	-.205	.027	-.099	-.307	170	1244	.041	.047	.231	-.097	170	1349	.090	.052	.291	-.080
170	1142	-.209	.031	-.116	-.398	170	1245	.128	.063	.384	-.036	170	1350	.088	.056	.346	-.051
170	1143	-.188	.027	-.095	-.300	170	1301	-.038	.099	.399	-.389	170	1351	.054	.047	.230	-.082
170	1144	-.189	.027	-.108	-.309	170	1302	-.017	.131	.486	-.771	170	1352	.061	.048	.275	-.087
170	1145	-.189	.025	-.103	-.290	170	1303	-.283	.099	.359	-.811	170	1353	.139	.065	.428	-.039
170	1146	-.202	.024	-.131	-.298	170	1304	-.257	.069	.090	-.544	170	1354	.130	.064	.487	-.037
170	1147	-.198	.025	-.131	-.285	170	1305	-.249	.072	.045	-.536	170	1355	.089	.053	.320	-.054
170	1201	-.022	.108	.392	-.506	170	1306	.084	.103	.464	-.222	170	1356	.097	.060	.442	-.044
170	1202	-.159	.065	.138	-.517	170	1307	.095	.117	.561	-.255	170	1357	.144	.066	.501	-.023
170	1203	-.248	.054	-.090	-.487	170	1308	-.015	.075	.404	-.272	170	1358	.121	.061	.383	-.073
170	1204	-.479	.163	-.006	-1.403	170	1309	.006	.083	.471	-.227	170	1359	.129	.060	.367	-.032
170	1205	-.411	.153	.047	-1.029	170	1310	-.090	.072	.185	-.337	170	1360	.095	.053	.369	-.087
170	1206	-.162	.084	.047	-.730	170	1311	-.003	.088	.387	-.252	170	1361	.107	.057	.338	-.044
170	1207	-.162	.043	-.028	-.461	170	1312	-.069	.069	.244	-.289	170	1362	.075	.050	.336	-.056
170	1208	-.175	.034	-.045	-.352	170	1313	-.042	.095	.394	-.551	170	1363	.098	.050	.367	-.039
170	1209	-.428	.118	-.023	-1.044	170	1314	.003	.180	.566	-.818	170	1401	-.238	.063	-.090	-.655
170	1210	-.419	.130	.083	-.965	170	1315	.165	.198	.616	-.072	170	1402	-.247	.067	-.065	-.662
170	1211	-.227	.110	.059	-.702	170	1316	.168	.095	.541	-.227	170	1403	-.291	.108	-.041	-.809
170	1212	-.169	.037	-.049	-.396	170	1317	.195	.123	.756	-.122	170	1404	-.363	.111	-.079	-.967
170	1213	-.181	.030	-.084	-.294	170	1318	.147	.095	.641	-.080	170	1405	-.371	.132	-.109	-1.268
170	1214	-.431	.145	.008	-1.385	170	1319	.193	.112	.694	-.155	170	1406	-.232	.067	-.029	-.641
170	1215	-.400	.143	.037	-1.106	170	1320	.105	.116	.529	-.247	170	1407	-.242	.070	-.061	-.674
170	1216	-.228	.110	.047	-.742	170	1321	-.091	.082	.212	-.549	170	1408	-.245	.060	-.043	-.604
170	1217	-.188	.044	-.069	-.461	170	1322	-.113	.166	.429	-.756	170	1409	-.294	.084	-.049	-.748
170	1218	-.192	.036	-.073	-.437	170	1323	.157	.092	.596	-.061	170	1410	-.315	.094	-.049	-.902
170	1219	-.255	.132	.150	-1.393	170	1324	.103	.072	.502	-.099	170	1411	-.302	.083	-.102	-.932
170	1220	-.223	.134	.214	-1.053	170	1325	.176	.100	.665	-.071	170	1412	-.258	.075	-.045	-.731
170	1221	-.147	.058	.087	-.592	170	1326	.128	.077	.459	-.071	170	1413	-.253	.066	-.047	-.680
170	1222	-.172	.033	-.051	-.313	170	1327	.166	.090	.595	-.136	170	1414	-.267	.087	-.009	-.745
170	1223	-.197	.033	-.113	-.358	170	1328	.096	.110	.560	-.196	170	1415	-.284	.082	-.104	-.781
170	1224	-.132	.046	.097	-.295	170	1329	-.128	.056	.102	-.451	170	1416	-.279	.088	-.079	-.854
170	1225	-.125	.043	.066	-.314	170	1330	-.182	.110	.157	-.619	170	1417	-.252	.065	-.086	-.633
170	1226	-.119	.038	.075	-.276	170	1331	.062	.055	.319	-.084	170	1418	-.249	.055	-.094	-.623
170	1227	-.137	.027	-.037	-.233	170	1332	.012	.044	.187	-.139	170	1419	-.258	.068	-.041	-.650

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	1420	-.272	.074	-.087	-.967	170	1925	-.205	.028	-.121	-.332	180	1147	-.169	.021	-.093	-.248
170	1421	-.273	.073	-.091	-.700	170	1926	-.328	.132	.056	-1.088	180	1201	-.080	.101	.280	-.494
170	1422	-.220	.036	-.084	-.408	170	1927	-.377	.114	.155	-1.042	180	1202	-.123	.060	.143	-.445
170	1423	-.222	.038	-.082	-.416	170	1928	-.169	.030	-.063	-.330	180	1203	-.198	.048	-.039	-.479
170	1424	-.209	.037	-.101	-.413	180	1101	-.167	.034	-.047	-.339	180	1204	-.398	.147	.015	-1.489
170	1425	-.207	.019	-.141	-.287	180	1102	-.164	.033	-.064	-.357	180	1205	-.337	.132	.001	-.981
170	1426	-.210	.039	-.103	-.411	180	1103	-.166	.031	-.077	-.327	180	1206	-.199	.103	.051	-.713
170	1427	-.189	.033	.031	-.340	180	1104	-.169	.034	.017	-.336	180	1207	-.179	.054	-.039	-.507
170	1428	-.180	.034	-.037	-.309	180	1105	-.174	.034	-.058	-.310	180	1208	-.169	.040	-.054	-.395
170	1429	-.166	.027	-.063	-.249	180	1106	-.175	.035	-.051	-.321	180	1209	-.323	.098	-.030	-.777
170	1430	-.181	.025	-.084	-.275	180	1107	-.175	.038	-.011	-.398	180	1210	-.325	.105	-.018	-.822
170	1431	-.177	.024	-.094	-.263	180	1108	-.168	.033	-.049	-.540	180	1211	-.224	.092	-.006	-.671
170	1432	-.140	.027	-.008	-.244	180	1109	-.169	.033	-.060	-.306	180	1212	-.173	.042	-.039	-.347
170	1433	-.181	.022	-.106	-.272	180	1110	-.170	.027	-.082	-.273	180	1213	-.165	.031	-.065	-.382
170	1434	-.121	.023	-.051	-.192	180	1111	-.167	.023	-.075	-.263	180	1214	-.296	.103	.001	-.950
170	1435	-.153	.020	-.090	-.241	180	1112	-.170	.026	-.086	-.286	180	1215	-.288	.114	-.006	-1.130
170	1436	-.118	.022	-.046	-.187	180	1113	-.171	.031	-.056	-.418	180	1216	-.201	.076	.008	-.545
170	1437	-.126	.019	-.055	-.191	180	1114	-.172	.035	-.062	-.536	180	1217	-.185	.047	-.011	-.436
170	1438	-.061	.105	.310	-.451	180	1115	-.177	.032	-.060	-.336	180	1218	-.182	.046	.002	-.587
170	1439	-.063	.077	.278	-.356	180	1116	-.177	.030	-.067	-.314	180	1219	-.205	.085	.077	-.763
170	1440	.084	.085	.481	-.220	180	1117	-.176	.026	-.090	-.273	180	1220	-.202	.100	.022	-.881
170	1441	.098	.073	.435	-.195	180	1118	-.172	.022	-.095	-.291	180	1221	-.144	.052	.045	-.464
170	1442	-.030	.040	.119	-.166	180	1119	-.171	.024	-.082	-.288	180	1222	-.171	.033	-.068	-.340
170	1443	.045	.047	.242	-.096	180	1120	-.177	.029	-.079	-.340	180	1223	-.177	.028	-.095	-.332
170	1444	.096	.056	.297	-.038	180	1121	-.179	.036	-.071	-.403	180	1224	-.133	.030	.046	-.245
170	1445	.127	.065	.420	-.050	180	1122	-.194	.037	-.090	-.448	180	1225	-.134	.030	.015	-.243
170	1901	-.225	.045	-.069	-.432	180	1123	-.198	.039	-.069	-.467	180	1226	-.126	.029	-.004	-.245
170	1902	-.203	.032	-.106	-.413	180	1124	-.188	.030	-.097	-.351	180	1227	-.128	.021	-.048	-.215
170	1903	-.206	.027	-.127	-.310	180	1125	-.172	.021	-.101	-.263	180	1228	-.141	.030	-.036	-.297
170	1904	-.195	.027	-.084	-.301	180	1126	-.170	.023	-.097	-.284	180	1229	-.151	.027	-.063	-.304
170	1905	-.187	.042	-.034	-.432	180	1127	-.174	.026	-.039	-.271	180	1230	-.148	.024	-.080	-.273
170	1906	-.177	.035	-.048	-.328	180	1128	-.175	.029	-.067	-.298	180	1231	-.148	.025	-.075	-.252
170	1907	-.202	.026	-.113	-.312	180	1129	-.204	.044	-.093	-.449	180	1232	-.155	.028	-.040	-.285
170	1908	-.199	.028	-.092	-.303	180	1130	-.200	.045	-.099	-.419	180	1233	-.156	.029	.011	-.325
170	1909	-.191	.028	-.119	-.303	180	1131	-.175	.031	-.099	-.356	180	1234	-.141	.022	-.054	-.221
170	1910	-.198	.029	-.115	-.363	180	1132	-.169	.020	-.099	-.246	180	1235	-.145	.023	-.068	-.257
170	1911	-.199	.025	-.125	-.310	180	1133	-.173	.020	-.088	-.244	180	1236	-.142	.023	-.075	-.245
170	1912	-.187	.027	-.057	-.281	180	1134	-.174	.022	-.091	-.263	180	1237	-.093	.035	.107	-.213
170	1913	-.189	.028	-.088	-.305	180	1135	-.175	.023	-.097	-.347	180	1238	-.075	.036	.103	-.185
170	1914	-.186	.029	-.071	-.301	180	1136	-.147	.026	-.075	-.295	180	1239	-.044	.040	.166	-.136
170	1915	-.224	.042	-.073	-.457	180	1137	-.159	.031	-.049	-.401	180	1240	.015	.075	.372	-.138
170	1916	-.190	.032	-.050	-.305	180	1138	-.158	.023	-.069	-.356	180	1241	.051	.096	.469	-.198
170	1917	-.254	.067	-.032	-.735	180	1139	-.164	.021	-.080	-.248	180	1242	.006	.073	.447	-.198
170	1918	-.247	.054	-.084	-.527	180	1140	-.171	.022	-.101	-.270	180	1243	-.050	.045	.171	-.178
170	1919	-.237	.056	-.040	-.538	180	1141	-.174	.023	-.103	-.274	180	1244	-.002	.050	.224	-.117
170	1920	-.126	.063	.103	-.446	180	1142	-.174	.024	-.095	-.326	180	1245	.059	.072	.429	-.082
170	1921	-.175	.033	-.065	-.308	180	1143	-.159	.022	-.075	-.244	180	1301	.003	.105	.537	-.297
170	1922	-.254	.066	-.038	-.530	180	1144	-.158	.022	-.084	-.242	180	1302	.060	.117	.606	-.504
170	1923	-.300	.082	-.003	-.789	180	1145	-.161	.022	-.088	-.242	180	1303	-.187	.120	.544	-.635
170	1924	-.214	.028	-.115	-.357	180	1146	-.169	.022	-.103	-.244	180	1304	-.207	.073	.140	-.556

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	1305	-.192	.077	.216	-.460	180	1355	.057	.061	.305	-.074	180	1442	-.039	.046	.148	-.143
180	1306	.069	.101	.463	-.260	180	1356	.051	.061	.326	-.093	180	1443	.015	.053	.235	-.111
180	1307	.035	.106	.564	-.270	180	1357	.075	.073	.386	-.072	180	1444	.045	.067	.315	-.102
180	1308	-.004	.084	.512	-.223	180	1358	.045	.065	.328	-.079	180	1445	.043	.066	.356	-.097
180	1309	.018	.093	.539	-.184	180	1359	.063	.061	.321	-.100	180	1901	-.177	.039	.029	-.394
180	1310	-.047	.083	.495	-.265	180	1360	.054	.062	.356	-.086	180	1902	-.163	.024	-.055	-.262
180	1311	-.016	.085	.342	-.290	180	1361	.042	.057	.302	-.086	180	1903	-.169	.024	-.078	-.278
180	1312	-.029	.072	.327	-.216	180	1362	.035	.056	.270	-.100	180	1904	-.166	.022	-.097	-.268
180	1313	-.004	.103	.626	-.240	180	1363	.047	.058	.284	-.079	180	1905	-.151	.029	-.014	-.303
180	1314	.044	.129	.751	-.588	180	1401	-.188	.051	-.021	-.491	180	1906	-.152	.029	-.028	-.311
180	1315	.099	.101	.561	-.122	180	1402	-.198	.059	-.038	-.507	180	1907	-.167	.023	-.097	-.260
180	1316	.080	.108	.660	-.169	180	1403	-.222	.104	.022	-.820	180	1908	-.162	.022	-.055	-.249
180	1317	.102	.106	.559	-.139	180	1404	-.348	.114	.009	-.835	180	1909	-.157	.024	-.057	-.278
180	1318	.100	.101	.584	-.152	180	1405	-.397	.172	.024	-1.643	180	1910	-.162	.023	-.084	-.272
180	1319	.110	.112	.601	-.272	180	1406	-.176	.045	-.048	-.562	180	1911	-.170	.022	-.095	-.268
180	1320	.019	.105	.653	-.324	180	1407	-.179	.045	-.003	-.501	180	1912	-.161	.022	-.072	-.243
180	1321	-.076	.086	.411	-.573	180	1408	-.190	.050	-.009	-.476	180	1913	-.158	.022	-.086	-.245
180	1322	-.062	.134	.386	-.699	180	1409	-.241	.084	.001	-.668	180	1914	-.156	.024	-.064	-.264
180	1323	.065	.088	.631	-.135	180	1410	-.313	.104	.123	-.924	180	1915	-.186	.038	-.026	-.351
180	1324	.041	.074	.463	-.136	180	1411	-.311	.095	.027	-.853	180	1916	-.143	.028	-.047	-.262
180	1325	.046	.079	.421	-.128	180	1412	-.192	.053	-.048	-.511	180	1917	-.190	.060	-.058	-.410
180	1326	.047	.075	.585	-.118	180	1413	-.197	.056	-.013	-.493	180	1918	-.199	.049	-.038	-.470
180	1327	.043	.089	.478	-.358	180	1414	-.222	.081	.022	-.759	180	1919	-.197	.052	-.028	-.396
180	1328	-.032	.078	.357	-.252	180	1415	-.277	.091	.093	-.756	180	1920	-.099	.053	.108	-.340
180	1329	-.119	.057	.109	-.465	180	1416	-.286	.101	-.062	-.964	180	1921	-.150	.026	-.059	-.262
180	1330	-.126	.091	.181	-.574	180	1417	-.183	.045	-.064	-.503	180	1922	-.210	.071	.049	-.596
180	1331	-.004	.046	.248	-.121	180	1418	-.188	.045	-.040	-.423	180	1923	-.244	.082	.036	-.620
180	1332	-.007	.048	.181	-.158	180	1419	-.198	.061	-.026	-.564	180	1924	-.182	.025	-.099	-.301
180	1333	.001	.049	.226	-.131	180	1420	-.245	.081	-.054	-.955	180	1925	-.167	.024	-.092	-.260
180	1334	-.004	.049	.243	-.148	180	1421	-.249	.071	-.083	-.663	180	1926	-.236	.115	.246	-.850
180	1335	-.068	.046	.166	-.247	180	1422	-.174	.027	-.091	-.364	180	1927	-.323	.143	.172	-.911
180	1336	-.122	.031	.033	-.301	180	1423	-.178	.030	-.066	-.313	180	1928	-.150	.024	-.051	-.264
180	1337	-.121	.037	.035	-.269	180	1424	-.172	.029	-.042	-.311	190	1101	-.168	.035	-.036	-.335
180	1338	-.137	.068	.077	-.517	180	1425	-.179	.018	-.126	-.260	190	1102	-.166	.036	-.051	-.337
180	1339	.026	.053	.310	-.101	180	1426	-.179	.033	-.085	-.392	190	1103	-.166	.035	-.043	-.356
180	1340	.019	.053	.243	-.116	180	1427	-.144	.026	-.038	-.248	190	1104	-.164	.041	-.021	-.348
180	1341	.018	.052	.248	-.116	180	1428	-.139	.029	-.023	-.246	190	1105	-.164	.040	-.017	-.344
180	1342	.028	.043	.169	-.074	180	1429	-.139	.023	-.013	-.215	190	1106	-.163	.037	-.045	-.352
180	1343	-.003	.046	.201	-.190	180	1430	-.155	.022	-.078	-.253	190	1107	-.163	.037	-.041	-.341
180	1344	-.003	.048	.186	-.108	180	1431	-.155	.022	-.081	-.244	190	1108	-.171	.032	-.053	-.365
180	1345	-.115	.032	.017	-.223	180	1432	-.118	.025	-.028	-.244	190	1109	-.169	.031	-.058	-.352
180	1346	-.084	.038	.092	-.205	180	1433	-.164	.022	-.093	-.244	190	1110	-.165	.027	-.075	-.301
180	1347	.040	.052	.214	-.072	180	1434	-.107	.024	-.017	-.227	190	1111	-.164	.029	-.058	-.297
180	1348	.046	.061	.452	-.104	180	1435	-.149	.018	-.082	-.216	190	1112	-.163	.032	-.073	-.303
180	1349	.047	.061	.263	-.081	180	1436	-.103	.024	-.010	-.181	190	1113	-.162	.033	-.030	-.314
180	1350	.043	.064	.309	-.095	180	1437	-.119	.018	-.043	-.185	190	1114	-.162	.035	-.041	-.322
180	1351	.024	.053	.361	-.107	180	1438	-.022	.097	.432	-.337	190	1115	-.173	.026	-.090	-.301
180	1352	.029	.053	.272	-.095	180	1439	-.047	.098	.365	-.378	190	1116	-.169	.023	-.098	-.301
180	1353	.050	.061	.333	-.079	180	1440	.036	.102	.483	-.335	190	1117	-.165	.023	-.098	-.277
180	1354	.060	.066	.349	-.083	180	1441	.018	.077	.409	-.244	190	1118	-.163	.024	-.081	-.275

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	1119	-.162	.027	-.068	-.305
190	1120	-.162	.029	-.066	-.309
190	1121	-.160	.028	-.070	-.322
190	1122	-.174	.024	-.096	-.324
190	1123	-.169	.024	-.081	-.333
190	1124	-.164	.021	-.094	-.250
190	1125	-.163	.022	-.094	-.252
190	1126	-.161	.025	-.085	-.299
190	1127	-.160	.028	-.068	-.324
190	1128	-.157	.027	-.076	-.329
190	1129	-.166	.025	-.089	-.269
190	1130	-.166	.023	-.098	-.280
190	1131	-.162	.019	-.098	-.269
190	1132	-.164	.022	-.098	-.245
190	1133	-.160	.020	-.094	-.241
190	1134	-.160	.024	-.081	-.292
190	1135	-.162	.024	-.091	-.371
190	1136	-.150	.024	-.039	-.327
190	1137	-.152	.022	-.057	-.271
190	1138	-.158	.021	-.081	-.247
190	1139	-.161	.020	-.098	-.230
190	1140	-.165	.020	-.096	-.241
190	1141	-.165	.022	-.087	-.269
190	1142	-.166	.024	-.096	-.288
190	1143	-.157	.019	-.089	-.239
190	1144	-.156	.019	-.096	-.237
190	1145	-.153	.021	-.072	-.224
190	1146	-.166	.022	-.100	-.243
190	1147	-.163	.021	-.081	-.243
190	1201	-.123	.075	.192	-.554
190	1202	-.110	.064	.190	-.364
190	1203	-.171	.044	-.038	-.374
190	1204	-.232	.090	-.028	-.883
190	1205	-.221	.088	.051	-.750
190	1206	-.181	.071	-.001	-.684
190	1207	-.177	.046	-.055	-.459
190	1208	-.174	.040	-.059	-.386
190	1209	-.211	.074	-.044	-.615
190	1210	-.207	.079	-.025	-.765
190	1211	-.184	.057	-.001	-.517
190	1212	-.173	.036	-.072	-.376
190	1213	-.176	.037	-.089	-.459
190	1214	-.192	.065	-.018	-.755
190	1215	-.182	.051	-.011	-.467
190	1216	-.172	.044	-.013	-.344
190	1217	-.180	.032	-.047	-.348
190	1218	-.181	.034	-.070	-.399
190	1219	-.187	.053	-.056	-.636
190	1220	-.180	.046	-.065	-.615
190	1221	-.168	.032	-.033	-.296
190	1222	-.167	.022	-.092	-.253
190	1223	-.170	.023	-.096	-.280
190	1224	-.161	.025	-.080	-.286
190	1225	-.160	.025	-.077	-.258
190	1226	-.151	.025	-.077	-.263
190	1227	-.155	.017	-.108	-.229
190	1228	-.157	.021	-.076	-.276
190	1229	-.155	.020	-.082	-.239
190	1230	-.152	.021	-.082	-.237
190	1231	-.153	.021	-.082	-.246
190	1232	-.157	.021	-.094	-.233
190	1233	-.156	.020	-.086	-.253
190	1234	-.145	.020	-.080	-.222
190	1235	-.147	.020	-.084	-.225
190	1236	-.148	.020	-.089	-.225
190	1237	-.121	.021	-.009	-.185
190	1238	-.110	.023	.003	-.185
190	1239	-.096	.024	.003	-.171
190	1240	-.073	.030	.114	-.162
190	1241	-.034	.068	.229	-.452
190	1242	-.012	.058	.252	-.264
190	1243	-.032	.054	.232	-.286
190	1244	-.026	.042	.177	-.192
190	1245	.003	.046	.200	-.113
190	1301	.056	.154	.744	-.402
190	1302	.013	.109	.528	-.288
190	1303	-.182	.113	.327	-.667
190	1304	-.196	.069	.216	-.506
190	1305	-.191	.071	.156	-.536
190	1306	-.041	.112	.426	-.623
190	1307	-.068	.082	.372	-.335
190	1308	-.072	.069	.241	-.340
190	1309	-.001	.112	.575	-.392
190	1310	-.050	.090	.446	-.288
190	1311	-.101	.064	.208	-.332
190	1312	-.061	.074	.325	-.241
190	1313	.062	.149	.756	-.278
190	1314	.055	.107	.732	-.308
190	1315	.015	.077	.488	-.283
190	1316	.075	.124	.975	-.198
190	1317	.005	.076	.598	-.198
190	1318	.051	.095	.640	-.161
190	1319	-.035	.122	.493	-.744
190	1320	-.075	.074	.441	-.347
190	1321	-.026	.102	.481	-.280
190	1322	.003	.093	.422	-.434
190	1323	.005	.058	.247	-.214
190	1324	.039	.079	.468	-.146
190	1325	.003	.054	.374	-.161
190	1326	.025	.067	.426	-.134
190	1327	-.099	.097	.257	-.716
190	1328	-.101	.048	.197	-.323
190	1329	-.065	.064	.304	-.315
190	1330	-.044	.073	.242	-.335
190	1331	-.007	.047	.207	-.139
190	1332	.008	.055	.419	-.161
190	1333	-.023	.039	.247	-.129
190	1334	.006	.053	.274	-.116
190	1335	-.126	.058	.083	-.440
190	1336	-.129	.028	-.009	-.261
190	1337	-.088	.046	.170	-.236
190	1338	-.066	.069	.180	-.328
190	1339	-.004	.042	.229	-.109
190	1340	.000	.044	.229	-.114
190	1341	-.015	.041	.187	-.121
190	1342	-.005	.028	.132	-.074
190	1343	-.049	.035	.098	-.201
190	1344	-.029	.037	.160	-.121
190	1345	-.100	.030	.021	-.211
190	1346	-.051	.043	.106	-.160
190	1347	.002	.034	.129	-.080
190	1348	.002	.040	.214	-.103
190	1349	.005	.041	.162	-.099
190	1350	-.001	.043	.226	-.120
190	1351	-.013	.037	.174	-.108
190	1352	-.008	.038	.160	-.110
190	1353	.005	.041	.209	-.084
190	1354	.005	.040	.172	-.120
190	1355	-.002	.038	.221	-.094
190	1356	.011	.044	.306	-.096
190	1357	.006	.043	.202	-.091
190	1358	.006	.048	.228	-.117
190	1359	.012	.041	.188	-.103
190	1360	.012	.043	.237	-.094
190	1361	.003	.043	.221	-.099
190	1362	.003	.040	.263	-.091
190	1363	.007	.044	.242	-.087
190	1401	-.139	.041	-.011	-.338
190	1402	-.123	.049	.042	-.344
190	1403	-.103	.067	.120	-.460
190	1404	-.128	.093	.156	-.600
190	1405	-.235	.166	.293	-1.161
190	1406	-.144	.041	.007	-.338
190	1407	-.148	.035	-.009	-.306
190	1408	-.133	.041	.009	-.284
190	1409	-.106	.062	.163	-.383
190	1410	-.165	.144	.275	-.965
190	1411	-.238	.162	.380	-.980
190	1412	-.151	.032	-.029	-.324
190	1413	-.145	.035	-.005	-.334

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	1414	-.140	.059	.084	-.354
190	1415	-.206	.100	.101	-.702
190	1416	-.256	.133	.288	-.975
190	1417	-.154	.028	-.053	-.265
190	1418	-.154	.032	-.007	-.292
190	1419	-.159	.040	-.018	-.321
190	1420	-.202	.071	.024	-.721
190	1421	-.214	.071	-.003	-.757
190	1422	-.154	.025	-.053	-.280
190	1423	-.154	.028	-.019	-.267
190	1424	-.155	.027	-.061	-.292
190	1425	-.163	.019	-.104	-.247
190	1426	-.166	.032	-.078	-.365
190	1427	-.136	.026	-.025	-.243
190	1428	-.126	.028	.021	-.269
190	1429	-.129	.028	.026	-.209
190	1430	-.142	.024	-.043	-.226
190	1431	-.141	.023	-.047	-.217
190	1432	-.113	.030	.052	-.249
190	1433	-.147	.024	-.043	-.229
190	1434	-.109	.028	.011	-.199
190	1435	-.136	.022	-.030	-.202
190	1436	-.101	.028	.045	-.188
190	1437	-.118	.023	-.020	-.192
190	1438	-.018	.089	.390	-.261
190	1439	-.021	.095	.594	-.362
190	1440	.022	.093	.655	-.292
190	1441	.003	.070	.416	-.168
190	1442	-.019	.050	.186	-.175
190	1443	-.023	.036	.167	-.133
190	1444	.003	.045	.228	-.109
190	1445	.007	.046	.245	-.111
190	1901	-.160	.037	.015	-.360
190	1902	-.155	.023	-.053	-.272
190	1903	-.161	.022	-.047	-.288
190	1904	-.160	.023	-.090	-.257
190	1905	-.150	.022	-.077	-.286
190	1906	-.162	.023	-.075	-.300
190	1907	-.159	.023	-.086	-.237
190	1908	-.152	.023	-.026	-.253
190	1909	-.159	.020	-.090	-.233
190	1910	-.161	.021	-.092	-.237
190	1911	-.163	.022	-.082	-.259
190	1912	-.158	.022	-.088	-.247
190	1913	-.155	.019	-.088	-.221
190	1914	-.154	.020	-.086	-.233
190	1915	-.158	.038	-.022	-.347
190	1916	-.130	.027	.004	-.212
190	1917	-.150	.072	.096	-.497
190	1918	-.169	.049	-.022	-.403
190	1919	-.184	.055	.049	-.441
190	1920	-.155	.049	.039	-.382
190	1921	-.152	.019	-.088	-.225
190	1922	-.198	.066	.050	-.510
190	1923	-.230	.074	-.009	-.569
190	1924	-.158	.028	-.047	-.321
190	1925	-.143	.027	-.010	-.233
190	1926	-.203	.093	.095	-.755
190	1927	-.219	.101	.131	-.785
190	1928	-.150	.019	-.084	-.225
200	1101	-.200	.053	-.035	-.410
200	1102	-.197	.051	-.024	-.421
200	1103	-.195	.050	-.028	-.450
200	1104	-.188	.049	.036	-.417
200	1105	-.180	.042	-.019	-.370
200	1106	-.186	.040	-.059	-.340
200	1107	-.182	.039	-.057	-.333
200	1108	-.204	.040	-.063	-.393
200	1109	-.197	.039	-.072	-.346
200	1110	-.192	.034	-.054	-.317
200	1111	-.191	.037	-.043	-.315
200	1112	-.183	.036	-.065	-.324
200	1113	-.182	.039	-.054	-.335
200	1114	-.180	.037	-.059	-.357
200	1115	-.207	.034	-.105	-.381
200	1116	-.201	.031	-.081	-.342
200	1117	-.199	.029	-.119	-.317
200	1118	-.194	.032	-.085	-.300
200	1119	-.189	.033	-.080	-.320
200	1120	-.184	.034	-.088	-.344
200	1121	-.183	.035	-.077	-.421
200	1122	-.217	.036	-.116	-.395
200	1123	-.210	.031	-.103	-.366
200	1124	-.205	.030	-.105	-.326
200	1125	-.200	.031	-.103	-.353
200	1126	-.194	.033	-.077	-.340
200	1127	-.190	.036	-.074	-.439
200	1128	-.185	.034	-.078	-.368
200	1129	-.206	.041	-.071	-.432
200	1130	-.203	.039	-.102	-.437
200	1131	-.203	.033	-.089	-.375
200	1132	-.213	.037	-.102	-.408
200	1133	-.210	.036	-.116	-.377
200	1134	-.203	.037	-.118	-.446
200	1135	-.208	.038	-.102	-.565
200	1136	-.176	.036	-.022	-.382
200	1137	-.175	.035	-.012	-.304
200	1138	-.203	.038	-.069	-.357
200	1139	-.199	.033	-.096	-.342
200	1140	-.219	.037	-.138	-.432
200	1141	-.215	.038	-.122	-.408
200	1142	-.218	.038	-.122	-.404
200	1143	-.190	.034	-.085	-.368
200	1144	-.195	.031	-.111	-.306
200	1145	-.177	.035	-.027	-.300
200	1146	-.211	.033	-.114	-.350
200	1147	-.207	.031	-.109	-.366
200	1201	-.065	.073	.233	-.388
200	1202	-.026	.088	.328	-.342
200	1203	-.173	.048	-.021	-.408
200	1204	-.185	.056	.017	-.450
200	1205	-.184	.055	.006	-.516
200	1206	-.182	.061	-.006	-.686
200	1207	-.209	.064	-.025	-.705
200	1208	-.209	.061	-.034	-.596
200	1209	-.189	.047	-.022	-.422
200	1210	-.187	.046	-.055	-.391
200	1211	-.192	.047	-.048	-.434
200	1212	-.211	.051	-.078	-.483
200	1213	-.213	.050	-.098	-.489
200	1214	-.196	.053	-.006	-.717
200	1215	-.197	.046	-.067	-.521
200	1216	-.204	.046	-.058	-.514
200	1217	-.224	.047	-.089	-.563
200	1218	-.230	.053	-.087	-.468
200	1219	-.211	.063	-.044	-1.041
200	1220	-.214	.054	-.060	-.663
200	1221	-.205	.039	-.091	-.435
200	1222	-.224	.038	-.113	-.402
200	1223	-.228	.040	-.088	-.481
200	1224	-.205	.037	-.098	-.490
200	1225	-.208	.032	-.074	-.346
200	1226	-.198	.033	-.088	-.313
200	1227	-.193	.030	-.115	-.306
200	1228	-.197	.042	-.075	-.439
200	1229	-.200	.033	-.081	-.320
200	1230	-.195	.029	-.112	-.337
200	1231	-.188	.028	-.105	-.280
200	1232	-.190	.032	-.086	-.339
200	1233	-.205	.045	-.023	-.527
200	1234	-.154	.028	-.053	-.247
200	1235	-.173	.029	-.086	-.308
200	1236	-.172	.027	-.074	-.259
200	1237	-.128	.026	-.023	-.234
200	1238	-.112	.030	-.029	-.224
200	1239	-.081	.026	.073	-.163
200	1240	-.064	.037	.128	-.193
200	1241	.106	.096	.509	-.260
200	1242	.132	.111	.566	-.629
200	1243	.067	.092	.467	-.211

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	1244	.072	.072	.380	-.211
200	1245	.129	.080	.574	-.069
200	1301	.324	.148	.917	-.203
200	1302	.162	.116	.614	-.225
200	1303	-.306	.143	.493	-.938
200	1304	-.292	.090	.199	-.716
200	1305	-.309	.099	.103	-.723
200	1306	.020	.224	.636	-1.182
200	1307	-.053	.082	.261	-.373
200	1308	-.055	.082	.303	-.343
200	1309	.138	.151	.819	-.370
200	1310	.087	.106	.537	-.237
200	1311	-.073	.090	.340	-.378
200	1312	.061	.110	.811	-.296
200	1313	.328	.170	.937	-.301
200	1314	.256	.132	.720	-.227
200	1315	.143	.117	.688	-.215
200	1316	.344	.179	1.120	-.111
200	1317	.179	.116	.631	-.129
200	1318	.325	.153	.898	-.072
200	1319	-.047	.237	.799	-.945
200	1320	-.061	.060	.224	-.356
200	1321	.113	.150	.747	-.301
200	1322	.156	.150	.767	-.405
200	1323	.159	.104	.532	-.153
200	1324	.229	.136	.780	-.114
200	1325	.190	.109	.723	-.109
200	1326	.239	.138	.792	-.084
200	1327	-.194	.159	.396	-.804
200	1328	-.110	.047	.124	-.391
200	1329	-.033	.093	.384	-.302
200	1330	.023	.124	.493	-.509
200	1331	.111	.083	.480	-.116
200	1332	.133	.093	.661	-.143
200	1333	.100	.080	.500	-.096
200	1334	.135	.096	.602	-.111
200	1335	-.189	.111	.325	-.700
200	1336	-.138	.041	.000	-.378
200	1337	-.066	.078	.342	-.287
200	1338	-.011	.117	.505	-.453
200	1339	.104	.070	.411	-.074
200	1340	.095	.069	.367	-.081
200	1341	.074	.067	.458	-.111
200	1342	.092	.045	.292	-.032
200	1343	-.003	.054	.216	-.220
200	1344	-.050	.062	.292	-.128
200	1345	-.078	.040	.085	-.216
200	1346	.004	.067	.234	-.172
200	1347	.134	.063	.398	-.020
200	1348	.130	.082	.437	-.076
200	1349	.115	.071	.484	-.053
200	1350	.125	.072	.421	-.043
200	1351	.095	.068	.433	-.076
200	1352	.102	.069	.372	-.053
200	1353	.126	.078	.479	-.043
200	1354	.132	.075	.440	-.041
200	1355	.143	.076	.437	-.057
200	1356	.144	.081	.503	-.055
200	1357	.130	.070	.426	-.071
200	1358	.159	.081	.500	-.015
200	1359	.127	.077	.465	-.111
200	1360	.168	.084	.540	-.015
200	1361	.153	.077	.437	-.041
200	1362	.125	.072	.444	-.083
200	1363	.141	.082	.629	-.048
200	1401	-.106	.039	.054	-.249
200	1402	-.067	.047	.153	-.318
200	1403	-.013	.060	.233	-.303
200	1404	-.034	.098	.332	-.455
200	1405	-.133	.204	.567	-.820
200	1406	-.131	.037	.010	-.324
200	1407	-.143	.034	.002	-.266
200	1408	-.100	.042	.109	-.276
200	1409	-.020	.066	.279	-.340
200	1410	-.061	.204	.452	-.830
200	1411	-.199	.228	.472	-1.187
200	1412	-.156	.032	-.031	-.299
200	1413	-.133	.036	.025	-.306
200	1414	-.103	.064	.102	-.565
200	1415	-.238	.161	.142	-.890
200	1416	-.319	.194	.254	-1.459
200	1417	-.172	.035	-.027	-.350
200	1418	-.167	.040	.107	-.414
200	1419	-.180	.065	.030	-.512
200	1420	-.268	.103	.007	-.762
200	1421	-.296	.101	.019	-.803
200	1422	-.183	.037	-.006	-.349
200	1423	-.179	.042	-.006	-.368
200	1424	-.185	.037	-.061	-.364
200	1425	-.200	.032	-.094	-.335
200	1426	-.210	.052	-.078	-.460
200	1427	-.150	.037	.008	-.291
200	1428	-.130	.040	.048	-.264
200	1429	-.133	.038	.041	-.283
200	1430	-.157	.036	-.002	-.297
200	1431	-.155	.035	-.023	-.328
200	1432	-.098	.037	.148	-.228
200	1433	-.155	.032	-.013	-.291
200	1434	-.081	.034	.079	-.172
200	1435	-.125	.029	-.006	-.248
200	1436	-.075	.032	.110	-.172
200	1437	-.092	.029	.028	-.174
200	1438	.156	.124	.613	-.215
200	1439	.239	.156	.809	-.260
200	1440	.276	.162	.944	-.196
200	1441	.185	.137	.836	-.154
200	1442	.098	.084	.452	-.176
200	1443	.084	.066	.340	-.128
200	1444	.129	.077	.514	-.045
200	1445	.170	.092	.480	-.030
200	1901	-.186	.058	.032	-.437
200	1902	-.181	.036	-.032	-.426
200	1903	-.210	.040	-.019	-.369
200	1904	-.195	.033	-.078	-.369
200	1905	-.171	.036	-.049	-.365
200	1906	-.201	.036	-.078	-.352
200	1907	-.204	.037	-.068	-.343
200	1908	-.177	.041	-.049	-.331
200	1909	-.196	.036	-.066	-.373
200	1910	-.209	.040	-.085	-.452
200	1911	-.210	.037	-.106	-.394
200	1912	-.184	.033	-.064	-.307
200	1913	-.191	.035	-.068	-.369
200	1914	-.191	.035	-.064	-.331
200	1915	-.198	.053	.021	-.437
200	1916	-.137	.039	.013	-.386
200	1917	-.147	.072	.081	-.424
200	1918	-.177	.058	-.004	-.519
200	1919	-.231	.070	-.011	-.483
200	1920	-.204	.074	.057	-.660
200	1921	-.182	.031	-.093	-.297
200	1922	-.281	.077	-.042	-.598
200	1923	-.338	.101	-.025	-.777
200	1924	-.181	.038	-.059	-.350
200	1925	-.164	.035	-.004	-.316
200	1926	-.230	.098	.137	-.751
200	1927	-.321	.159	.132	-1.200
200	1928	-.166	.029	-.062	-.280
210	1101	-.203	.048	-.037	-.401
210	1102	-.196	.044	-.050	-.397
210	1103	-.197	.049	-.035	-.388
210	1104	-.189	.045	-.041	-.432
210	1105	-.185	.040	-.039	-.386
210	1106	-.186	.037	-.061	-.331
210	1107	-.182	.038	-.059	-.349
210	1108	-.202	.036	-.068	-.366
210	1109	-.198	.035	-.090	-.318
210	1110	-.196	.037	-.079	-.360
210	1111	-.189	.035	-.090	-.347
210	1112	-.184	.034	-.070	-.333

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	1113	-.182	.035	-.070	-.362	210	1216	-.192	.039	-.085	-.408	210	1321	.057	.131	.610	-.455
210	1114	-.181	.033	-.063	-.298	210	1217	-.204	.036	-.091	-.386	210	1322	.089	.138	.700	-.487
210	1115	-.202	.034	-.103	-.353	210	1218	-.201	.037	-.076	-.478	210	1323	.124	.103	.612	-.097
210	1116	-.200	.032	-.088	-.322	210	1219	-.193	.061	-.037	-.829	210	1324	.174	.122	.740	-.122
210	1117	-.198	.030	-.112	-.322	210	1220	-.196	.058	-.063	-.814	210	1325	.175	.111	.669	-.082
210	1118	-.202	.031	-.103	-.327	210	1221	-.194	.040	-.081	-.397	210	1326	.228	.128	.757	-.102
210	1119	-.191	.034	-.055	-.331	210	1222	-.205	.034	-.104	-.355	210	1327	-.073	.168	.447	-.666
210	1120	-.187	.035	-.063	-.419	210	1223	-.202	.032	-.106	-.337	210	1328	-.084	.050	.143	-.371
210	1121	-.186	.034	-.083	-.349	210	1224	-.198	.039	-.056	-.350	210	1329	-.025	.081	.367	-.341
210	1122	-.204	.037	-.103	-.406	210	1225	-.201	.037	-.087	-.338	210	1330	.023	.116	.478	-.462
210	1123	-.203	.033	-.103	-.333	210	1226	-.191	.039	-.078	-.343	210	1331	.109	.089	.498	-.087
210	1124	-.203	.030	-.101	-.340	210	1227	-.183	.027	-.114	-.303	210	1332	.122	.092	.528	-.198
210	1125	-.205	.032	-.107	-.347	210	1228	-.185	.038	-.073	-.359	210	1333	.114	.087	.556	-.089
210	1126	-.198	.032	-.107	-.368	210	1229	-.192	.032	-.102	-.319	210	1334	.138	.093	.609	-.079
210	1127	-.188	.035	-.081	-.458	210	1230	-.191	.033	-.090	-.326	210	1335	-.111	.112	.442	-.611
210	1128	-.190	.035	-.098	-.393	210	1231	-.187	.030	-.104	-.306	210	1336	-.118	.044	.034	-.402
210	1129	-.199	.040	-.054	-.406	210	1232	-.188	.031	-.067	-.320	210	1337	-.027	.072	.289	-.258
210	1130	-.198	.036	-.089	-.379	210	1233	-.191	.033	-.094	-.393	210	1338	.045	.126	.480	-.349
210	1131	-.204	.031	-.104	-.351	210	1234	-.158	.030	-.068	-.268	210	1339	.113	.078	.435	-.077
210	1132	-.214	.032	-.107	-.355	210	1235	-.174	.028	-.075	-.282	210	1340	.116	.075	.422	-.089
210	1133	-.206	.032	-.124	-.412	210	1236	-.174	.028	-.085	-.290	210	1341	.083	.073	.407	-.107
210	1134	-.207	.039	-.111	-.465	210	1237	-.140	.023	-.052	-.214	210	1342	.096	.052	.261	-.039
210	1135	-.205	.037	-.085	-.527	210	1238	-.128	.027	.016	-.235	210	1343	.001	.057	.233	-.185
210	1136	-.179	.036	.009	-.357	210	1239	-.103	.028	.021	-.195	210	1344	.045	.063	.319	-.135
210	1137	-.183	.033	-.054	-.351	210	1240	-.089	.031	.052	-.179	210	1345	-.062	.034	.075	-.198
210	1138	-.206	.032	-.120	-.364	210	1241	.077	.099	.481	-.287	210	1346	.028	.073	.392	-.163
210	1139	-.196	.029	-.080	-.322	210	1242	.101	.105	.563	-.271	210	1347	.120	.069	.387	-.053
210	1140	-.212	.035	-.120	-.373	210	1243	.069	.085	.491	-.207	210	1348	.132	.080	.418	-.051
210	1141	-.215	.033	-.124	-.408	210	1244	.078	.073	.396	-.146	210	1349	.113	.077	.399	-.065
210	1142	-.217	.038	-.104	-.437	210	1245	.117	.084	.447	-.089	210	1350	.113	.082	.528	-.063
210	1143	-.197	.032	-.098	-.318	210	1301	.267	.174	.770	-.525	210	1351	.105	.080	.416	-.086
210	1144	-.195	.029	-.118	-.335	210	1302	.104	.104	.472	-.206	210	1352	.098	.075	.451	-.070
210	1145	-.172	.035	.080	-.289	210	1303	-.310	.108	.075	-.826	210	1353	.109	.086	.468	-.075
210	1146	-.208	.033	-.113	-.384	210	1304	-.284	.085	.047	-.676	210	1354	.114	.084	.511	-.070
210	1147	-.206	.030	-.091	-.318	210	1305	-.302	.103	.253	-.693	210	1355	.132	.088	.482	-.079
210	1201	-.058	.062	.178	-.312	210	1306	.100	.167	.630	-.804	210	1356	.137	.086	.568	-.039
210	1202	-.030	.088	.294	-.372	210	1307	-.030	.069	.301	-.274	210	1357	.125	.085	.475	-.084
210	1203	-.174	.044	-.049	-.395	210	1308	-.068	.059	.326	-.256	210	1358	.159	.092	.601	-.039
210	1204	-.183	.044	-.025	-.372	210	1309	.047	.142	.587	-.319	210	1359	.097	.073	.482	-.089
210	1205	-.181	.043	-.039	-.374	210	1310	.067	.126	.580	-.314	210	1360	.162	.092	.542	-.070
210	1206	-.180	.046	-.027	-.357	210	1311	-.045	.079	.263	-.347	210	1361	.147	.088	.570	-.055
210	1207	-.193	.046	-.058	-.487	210	1312	.079	.114	.652	-.279	210	1362	.123	.082	.506	-.084
210	1208	-.201	.046	-.058	-.505	210	1313	.248	.200	.976	-.384	210	1363	.134	.088	.454	-.089
210	1209	-.181	.040	-.032	-.410	210	1314	.198	.142	.683	-.377	210	1401	-.074	.061	.224	-.283
210	1210	-.182	.037	-.051	-.367	210	1315	.097	.107	.499	-.176	210	1402	-.027	.073	.266	-.289
210	1211	-.188	.039	-.051	-.352	210	1316	.294	.180	.984	-.146	210	1403	.040	.088	.370	-.302
210	1212	-.200	.039	-.087	-.419	210	1317	.192	.131	.625	-.189	210	1404	.095	.109	.432	-.346
210	1213	-.201	.036	-.109	-.461	210	1318	.314	.165	.858	-.116	210	1405	.053	.199	.604	-.841
210	1214	-.196	.042	-.042	-.566	210	1319	.073	.204	.780	-.841	210	1406	-.107	.052	.135	-.303
210	1215	-.191	.048	-.037	-.499	210	1320	-.034	.063	.283	-.234	210	1407	-.123	.048	.112	-.243

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	1408	-.080	.063	.301	-.258	210	1913	-.200	.031	-.111	-.366	220	1135	-.204	.047	-.107	-.791
210	1409	.010	.087	.486	-.305	210	1914	-.194	.033	-.105	-.328	220	1136	-.172	.038	-.008	-.485
210	1410	.013	.178	.594	-.836	210	1915	-.196	.059	.041	-.608	220	1137	-.176	.031	-.038	-.372
210	1411	-.063	.225	.836	-1.078	210	1916	-.128	.041	.116	-.263	220	1138	-.190	.027	-.102	-.311
210	1412	-.147	.039	.033	-.270	210	1917	-.176	.065	.079	-.418	220	1139	-.171	.028	-.069	-.273
210	1413	-.126	.046	.153	-.299	210	1918	-.175	.054	-.008	-.494	220	1140	-.194	.032	-.089	-.394
210	1414	-.085	.072	.238	-.619	210	1919	-.220	.066	-.027	-.532	220	1141	-.197	.032	-.104	-.425
210	1415	-.168	.153	.272	-.802	210	1920	-.213	.061	-.011	-.484	220	1142	-.201	.036	-.098	-.561
210	1416	-.218	.180	.308	-1.029	210	1921	-.180	.029	-.077	-.290	220	1143	-.174	.029	-.069	-.335
210	1417	-.171	.037	-.096	-.328	210	1922	-.271	.078	.104	-.580	220	1144	-.179	.027	-.102	-.363
210	1418	-.160	.044	.104	-.382	210	1923	-.338	.104	-.029	-.897	220	1145	-.143	.039	.073	-.247
210	1419	-.151	.064	.094	-.452	210	1924	-.179	.043	.032	-.452	220	1146	-.186	.032	-.082	-.355
210	1420	-.219	.106	.102	-.766	210	1925	-.162	.040	.089	-.305	220	1147	-.189	.032	-.041	-.379
210	1421	-.233	.098	.056	-.701	210	1926	-.176	.095	.195	-.577	220	1201	-.083	.057	.133	-.381
210	1422	-.183	.039	-.029	-.351	210	1927	-.322	.122	.031	-.917	220	1202	-.109	.073	.264	-.461
210	1423	-.170	.044	.072	-.384	210	1928	-.165	.028	-.075	-.267	220	1203	-.189	.044	-.074	-.403
210	1424	-.170	.044	.005	-.368	220	1101	-.198	.052	-.026	-.709	220	1204	-.176	.043	-.027	-.363
210	1425	-.178	.039	-.068	-.307	220	1102	-.194	.048	-.033	-.536	220	1205	-.176	.043	-.037	-.352
210	1426	-.189	.051	-.048	-.465	220	1103	-.190	.044	-.063	-.479	220	1206	-.176	.041	-.044	-.415
210	1427	-.144	.037	.037	-.293	220	1104	-.189	.047	-.026	-.479	220	1207	-.186	.039	-.065	-.348
210	1428	-.121	.043	.083	-.268	220	1105	-.185	.043	-.035	-.370	220	1208	-.194	.040	-.065	-.401
210	1429	-.104	.042	.076	-.343	220	1106	-.186	.041	-.041	-.372	220	1209	-.176	.036	-.051	-.328
210	1430	-.139	.039	.137	-.287	220	1107	-.184	.039	-.057	-.387	220	1210	-.175	.036	-.082	-.360
210	1431	-.133	.039	.181	-.297	220	1108	-.199	.042	-.076	-.416	220	1211	-.181	.036	-.063	-.365
210	1432	-.093	.044	.178	-.214	220	1109	-.194	.036	-.059	-.385	220	1212	-.190	.031	-.082	-.341
210	1433	-.152	.038	.091	-.299	220	1110	-.191	.036	-.078	-.352	220	1213	-.195	.039	-.107	-.377
210	1434	-.078	.032	.075	-.179	220	1111	-.189	.034	-.087	-.322	220	1214	-.175	.044	-.049	-.567
210	1435	-.112	.033	.110	-.225	220	1112	-.183	.036	-.068	-.409	220	1215	-.174	.042	-.058	-.596
210	1436	-.066	.035	.165	-.170	220	1113	-.180	.037	-.057	-.346	220	1216	-.175	.032	-.090	-.319
210	1437	-.080	.035	.159	-.176	220	1114	-.183	.036	-.035	-.361	220	1217	-.186	.028	-.102	-.317
210	1438	.171	.133	.661	-.365	220	1115	-.195	.035	-.098	-.398	220	1218	-.189	.028	-.093	-.341
210	1439	.248	.168	.851	-.336	220	1116	-.190	.031	-.039	-.346	220	1219	-.159	.045	-.051	-.852
210	1440	.283	.170	.795	-.358	220	1117	-.192	.027	-.105	-.335	220	1220	-.163	.044	-.061	-.881
210	1441	.152	.128	.653	-.201	220	1118	-.191	.032	-.089	-.405	220	1221	-.166	.029	-.079	-.333
210	1442	.097	.089	.461	-.248	220	1119	-.186	.041	-.057	-.488	220	1222	-.166	.024	-.091	-.272
210	1443	.077	.076	.449	-.129	220	1120	-.184	.038	-.068	-.431	220	1223	-.170	.023	-.100	-.317
210	1444	.113	.078	.461	-.056	220	1121	-.183	.037	-.061	-.385	220	1224	-.157	.028	-.073	-.314
210	1445	.159	.097	.508	-.048	220	1122	-.195	.039	-.063	-.403	220	1225	-.155	.026	-.075	-.249
210	1901	-.181	.058	.020	-.511	220	1123	-.189	.031	-.085	-.381	220	1226	-.155	.024	-.063	-.270
210	1902	-.178	.036	.009	-.366	220	1124	-.190	.028	-.074	-.306	220	1227	-.151	.017	-.102	-.224
210	1903	-.202	.038	-.006	-.355	220	1125	-.194	.031	-.100	-.337	220	1228	-.158	.023	-.083	-.251
210	1904	-.189	.032	-.079	-.383	220	1126	-.194	.040	-.094	-.488	220	1229	-.163	.025	-.087	-.261
210	1905	-.178	.031	-.088	-.366	220	1127	-.191	.048	-.059	-1.116	220	1230	-.155	.022	-.082	-.254
210	1906	-.197	.033	-.096	-.322	220	1128	-.184	.042	-.082	-.532	220	1231	-.157	.023	-.080	-.232
210	1907	-.208	.036	-.086	-.343	220	1129	-.190	.038	-.098	-.414	220	1232	-.158	.021	-.095	-.243
210	1908	-.169	.039	-.116	-.311	220	1130	-.188	.032	-.104	-.385	220	1233	-.160	.024	-.073	-.286
210	1909	-.205	.031	-.107	-.355	220	1131	-.191	.028	-.093	-.319	220	1234	-.146	.023	-.058	-.239
210	1910	-.207	.038	-.092	-.425	220	1132	-.191	.030	-.080	-.407	220	1235	-.152	.023	-.075	-.232
210	1911	-.212	.033	-.109	-.355	220	1133	-.191	.039	-.096	-.473	220	1236	-.154	.022	-.082	-.227
210	1912	-.179	.033	-.050	-.303	220	1134	-.198	.047	-.076	-.693	220	1237	-.132	.022	-.015	-.212

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	1238	-.129	.023	-.033	-.224	220	1343	-.052	.041	.144	-.179	220	1430	-.110	.034	.159	-.232
220	1239	-.123	.023	-.035	-.201	220	1344	-.020	.048	.238	-.159	220	1431	-.106	.036	.207	-.246
220	1240	-.105	.025	-.006	-.191	220	1345	-.065	.029	.054	-.284	220	1432	-.083	.050	.232	-.266
220	1241	-.038	.075	.361	-.358	220	1346	-.016	.054	.216	-.148	220	1433	-.115	.036	.178	-.259
220	1242	-.013	.067	.295	-.276	220	1347	.016	.050	.249	-.096	220	1434	-.078	.033	.099	-.193
220	1243	-.009	.056	.302	-.420	220	1348	.008	.048	.202	-.125	220	1435	-.097	.035	.086	-.192
220	1244	.004	.055	.248	-.161	220	1349	.016	.057	.269	-.098	220	1436	-.064	.044	.222	-.173
220	1245	.018	.056	.289	-.113	220	1350	.011	.055	.252	-.108	220	1437	-.073	.039	.176	-.166
220	1301	.041	.210	.647	-.882	220	1351	-.009	.050	.323	-.110	220	1438	.124	.171	.765	-.329
220	1302	.003	.092	.350	-.337	220	1352	-.004	.049	.223	-.117	220	1439	.168	.173	.753	-.489
220	1303	-.254	.082	.086	-.633	220	1353	.011	.052	.278	-.101	220	1440	.158	.163	.750	-.297
220	1304	-.220	.076	.149	-.618	220	1354	.011	.054	.314	-.125	220	1441	.040	.099	.471	-.423
220	1305	-.212	.134	.316	-.648	220	1355	.027	.058	.359	-.110	220	1442	.044	.079	.398	-.173
220	1306	-.100	.210	.622	-1.096	220	1356	.028	.062	.288	-.115	220	1443	.006	.057	.283	-.151
220	1307	-.097	.062	.142	-.306	220	1357	.015	.052	.240	-.108	220	1444	.013	.052	.246	-.105
220	1308	-.123	.048	.091	-.301	220	1358	.033	.061	.309	-.115	220	1445	.041	.056	.285	-.075
220	1309	-.127	.103	.406	-.420	220	1359	.022	.059	.292	-.120	220	1901	-.149	.044	.020	-.353
220	1310	-.024	.141	.640	-.352	220	1360	.025	.053	.300	-.082	220	1902	-.149	.032	.079	-.290
220	1311	-.093	.075	.202	-.409	220	1361	.032	.057	.354	-.086	220	1903	-.163	.051	.310	-.385
220	1312	.038	.142	.655	-.367	220	1362	.016	.056	.335	-.120	220	1904	-.159	.029	-.036	-.347
220	1313	.003	.189	.627	-.714	220	1363	.025	.057	.304	-.098	220	1905	-.155	.028	-.053	-.376
220	1314	.013	.102	.456	-.450	220	1401	-.028	.084	.272	-.301	220	1906	-.179	.028	-.082	-.362
220	1315	-.029	.084	.451	-.261	220	1402	.019	.102	.357	-.299	220	1907	-.174	.044	.088	-.393
220	1316	.091	.154	.942	-.289	220	1403	.096	.123	.492	-.238	220	1908	-.137	.038	.088	-.255
220	1317	.062	.109	.514	-.203	220	1404	.151	.135	.593	-.254	220	1909	-.179	.029	-.101	-.339
220	1318	.169	.163	.826	-.163	220	1405	.198	.197	.793	-.480	220	1910	-.177	.036	-.028	-.376
220	1319	-.125	.218	.682	-.933	220	1406	-.054	.078	.265	-.355	220	1911	-.190	.032	-.093	-.345
220	1320	-.101	.056	.152	-.337	220	1407	-.088	.064	.255	-.315	220	1912	-.147	.036	.086	-.267
220	1321	-.046	.113	.350	-.706	220	1408	-.028	.091	.452	-.259	220	1913	-.177	.028	-.074	-.334
220	1322	-.011	.080	.459	-.407	220	1409	.069	.122	.583	-.267	220	1914	-.175	.031	-.080	-.366
220	1323	-.001	.074	.379	-.220	220	1410	.123	.156	.688	-.480	220	1915	-.145	.049	.218	-.374
220	1324	.046	.096	.672	-.237	220	1411	.116	.184	.729	-.626	220	1916	-.110	.041	.117	-.238
220	1325	.047	.087	.498	-.179	220	1412	-.117	.050	.207	-.305	220	1917	-.203	.068	.039	-.559
220	1326	.069	.092	.594	-.154	220	1413	-.082	.064	.214	-.274	220	1918	-.185	.053	-.005	-.448
220	1327	-.165	.152	.465	-.835	220	1414	-.029	.084	.329	-.459	220	1919	-.187	.062	.039	-.433
220	1328	-.126	.045	.142	-.338	220	1415	-.031	.112	.388	-.706	220	1920	-.192	.052	-.024	-.431
220	1329	-.053	.051	.258	-.305	220	1416	-.029	.135	.462	-.770	220	1921	-.153	.020	-.080	-.240
220	1330	-.032	.061	.349	-.272	220	1417	-.142	.043	.054	-.355	220	1922	-.216	.070	.094	-.514
220	1331	.010	.061	.369	-.136	220	1418	-.123	.047	.275	-.284	220	1923	-.305	.110	-.026	-.793
220	1332	.019	.066	.331	-.161	220	1419	-.097	.051	.280	-.362	220	1924	-.126	.038	.115	-.282
220	1333	.027	.068	.485	-.149	220	1420	-.124	.085	.188	-.518	220	1925	-.116	.040	.165	-.263
220	1334	.049	.077	.382	-.141	220	1421	-.143	.066	.156	-.474	220	1926	-.147	.126	.256	-.703
220	1335	-.111	.100	.326	-.638	220	1422	-.151	.037	.151	-.315	220	1927	-.249	.116	.052	-.862
220	1336	-.124	.033	-.012	-.325	220	1423	-.137	.037	.083	-.346	220	1928	-.150	.021	-.082	-.223
220	1337	-.042	.056	.301	-.209	220	1424	-.133	.038	.127	-.317	230	1101	-.213	.061	-.035	-.562
220	1338	.007	.070	.301	-.219	220	1425	-.137	.035	-.043	-.273	230	1102	-.214	.058	-.039	-.483
220	1339	.019	.062	.309	-.103	220	1426	-.137	.040	-.014	-.341	230	1103	-.204	.047	-.054	-.492
220	1340	.030	.064	.369	-.116	220	1427	-.127	.038	.106	-.247	230	1104	-.210	.055	-.024	-.562
220	1341	.004	.055	.304	-.126	220	1428	-.109	.038	.083	-.234	230	1105	-.213	.049	-.035	-.580
220	1342	.019	.043	.215	-.073	220	1429	-.086	.041	.163	-.239	230	1106	-.209	.047	-.059	-.490

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	1107	-.208	.043	-.074	-.483	230	1210	-.176	.037	-.057	-.353	230	1315	-.080	.052	.173	-.285
230	1108	-.216	.053	-.094	-.589	230	1211	-.182	.036	-.074	-.340	230	1316	.078	.150	.775	-.384
230	1109	-.209	.043	-.090	-.424	230	1212	-.197	.033	-.103	-.316	230	1317	.068	.112	.656	-.227
230	1110	-.208	.041	-.037	-.395	230	1213	-.197	.032	-.110	-.323	230	1318	.181	.169	.874	-.166
230	1111	-.208	.041	-.081	-.382	230	1214	-.172	.042	-.066	-.462	230	1319	-.251	.173	.380	-1.306
230	1112	-.209	.041	-.068	-.419	230	1215	-.173	.039	-.078	-.452	230	1320	-.123	.039	.064	-.298
230	1113	-.206	.043	-.085	-.439	230	1216	-.171	.034	-.071	-.459	230	1321	-.071	.119	.353	-.761
230	1114	-.201	.040	-.079	-.474	230	1217	-.178	.028	-.083	-.338	230	1322	-.037	.079	.294	-.678
230	1115	-.207	.043	-.090	-.454	230	1218	-.184	.031	-.088	-.451	230	1323	-.042	.048	.179	-.215
230	1116	-.200	.036	-.081	-.362	230	1219	-.172	.059	-.076	-.610	230	1324	-.003	.082	.434	-.243
230	1117	-.205	.033	-.092	-.342	230	1220	-.163	.042	-.059	-.602	230	1325	.020	.071	.467	-.134
230	1118	-.210	.041	-.041	-.439	230	1221	-.150	.024	-.074	-.248	230	1326	.069	.093	.569	-.180
230	1119	-.207	.056	-.026	-.749	230	1222	-.156	.023	-.084	-.244	230	1327	-.234	.126	.175	-.827
230	1120	-.201	.044	-.070	-.520	230	1223	-.164	.025	-.071	-.275	230	1328	-.138	.033	.005	-.332
230	1121	-.199	.046	-.052	-.582	230	1224	-.152	.028	-.066	-.282	230	1329	-.061	.057	.198	-.550
230	1122	-.206	.045	-.090	-.435	230	1225	-.149	.026	-.066	-.268	230	1330	-.045	.052	.211	-.444
230	1123	-.198	.039	-.063	-.411	230	1226	-.145	.023	-.066	-.256	230	1331	-.023	.046	.236	-.157
230	1124	-.196	.031	-.013	-.340	230	1227	-.156	.017	-.100	-.219	230	1332	-.004	.055	.264	-.210
230	1125	-.204	.038	-.079	-.457	230	1228	-.162	.023	-.092	-.252	230	1333	.003	.053	.229	-.157
230	1126	-.202	.050	-.054	-.560	230	1229	-.156	.025	-.074	-.277	230	1334	.020	.059	.297	-.129
230	1127	-.199	.051	-.048	-.600	230	1230	-.152	.027	-.071	-.287	230	1335	-.135	.077	.137	-.459
230	1128	-.197	.047	-.070	-.486	230	1231	-.151	.024	-.076	-.248	230	1336	-.126	.027	-.002	-.296
230	1129	-.191	.042	-.099	-.459	230	1232	-.162	.023	-.078	-.258	230	1337	-.053	.045	.168	-.345
230	1130	-.184	.033	-.086	-.407	230	1233	-.164	.025	-.090	-.310	230	1338	-.024	.058	.262	-.312
230	1131	-.188	.031	-.108	-.321	230	1234	-.134	.027	-.044	-.234	230	1339	-.007	.049	.274	-.126
230	1132	-.205	.037	-.097	-.391	230	1235	-.141	.026	-.054	-.239	230	1340	-.008	.046	.259	-.124
230	1133	-.203	.045	-.103	-.695	230	1236	-.142	.024	-.032	-.236	230	1341	-.017	.042	.208	-.111
230	1134	-.209	.056	-.101	-.761	230	1237	-.121	.027	-.003	-.217	230	1342	-.007	.032	.112	-.106
230	1135	-.210	.050	-.112	-.626	230	1238	-.145	.029	-.048	-.294	230	1343	-.053	.033	.107	-.177
230	1136	-.159	.035	-.049	-.357	230	1239	-.073	.045	.130	-.179	230	1344	-.030	.039	.142	-.124
230	1137	-.170	.032	-.053	-.345	230	1240	-.059	.046	.193	-.167	230	1345	-.070	.030	.039	-.301
230	1138	-.187	.034	-.064	-.378	230	1241	-.087	.057	.149	-.535	230	1346	-.033	.036	.123	-.122
230	1139	-.166	.032	-.002	-.336	230	1242	-.054	.055	.184	-.545	230	1347	-.016	.033	.123	-.093
230	1140	-.205	.037	-.099	-.466	230	1243	-.042	.051	.131	-.748	230	1348	-.015	.038	.140	-.124
230	1141	-.195	.034	-.092	-.396	230	1244	-.023	.044	.182	-.202	230	1349	-.002	.043	.190	-.114
230	1142	-.199	.037	-.090	-.508	230	1245	-.018	.037	.161	-.115	230	1350	-.011	.039	.159	-.112
230	1143	-.162	.031	-.028	-.312	230	1301	-.082	.189	.477	-.807	230	1351	-.023	.038	.190	-.114
230	1144	-.174	.030	-.055	-.310	230	1302	-.049	.073	.201	-.485	230	1352	-.019	.039	.176	-.117
230	1145	-.125	.046	.132	-.316	230	1303	-.246	.062	-.014	-.541	230	1353	-.014	.040	.214	-.117
230	1146	-.186	.033	-.039	-.341	230	1304	-.229	.066	.102	-.564	230	1354	-.012	.041	.164	-.158
230	1147	-.188	.034	.000	-.343	230	1305	-.230	.114	.272	-.652	230	1355	.006	.044	.212	-.102
230	1201	-.098	.055	.128	-.420	230	1306	-.238	.200	.307	-1.227	230	1356	.005	.043	.173	-.093
230	1202	-.139	.062	.109	-.412	230	1307	-.112	.047	.105	-.285	230	1357	-.013	.040	.161	-.110
230	1203	-.213	.043	-.050	-.451	230	1308	-.145	.044	.026	-.344	230	1358	.000	.047	.190	-.107
230	1204	-.168	.042	.018	-.421	230	1309	-.197	.062	.165	-.452	230	1359	.001	.043	.195	-.105
230	1205	-.167	.039	-.008	-.319	230	1310	-.009	.129	.550	-.376	230	1360	.011	.044	.193	-.105
230	1206	-.172	.038	-.032	-.328	230	1311	-.111	.065	.163	-.387	230	1361	.009	.049	.221	-.119
230	1207	-.195	.041	-.077	-.385	230	1312	.084	.151	.702	-.316	230	1362	-.013	.040	.154	-.112
230	1208	-.198	.040	-.090	-.492	230	1313	-.090	.188	.613	-.830	230	1363	-.005	.041	.229	-.100
230	1209	-.172	.034	-.059	-.340	230	1314	-.045	.089	.249	-.779	230	1401	-.026	.082	.307	-.242

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	1402	.033	.096	.392	-.213	230	1907	-.173	.048	-.132	-.366	240	1129	-.199	.055	-.059	-.578
230	1403	.117	.128	.650	-.174	230	1908	-.127	.044	-.199	-.256	240	1130	-.193	.038	-.059	-.412
230	1404	.191	.132	.618	-.132	230	1909	-.180	.032	-.085	-.351	240	1131	-.208	.046	-.002	-.525
230	1405	.231	.177	.810	-.330	230	1910	-.172	.043	-.030	-.399	240	1132	-.230	.056	-.075	-.589
230	1406	-.060	.069	.307	-.271	230	1911	-.192	.034	-.073	-.376	240	1133	-.243	.064	-.072	-.665
230	1407	-.085	.057	.230	-.271	230	1912	-.137	.042	-.119	-.265	240	1134	-.250	.075	-.114	-1.210
230	1408	-.017	.074	.371	-.188	230	1913	-.169	.029	-.077	-.324	240	1135	-.248	.069	-.107	-.996
230	1409	.085	.100	.525	-.155	230	1914	-.167	.033	-.035	-.328	240	1136	-.164	.045	-.036	-.417
230	1410	.150	.138	.649	-.176	230	1915	-.114	.048	.271	-.359	240	1137	-.166	.035	-.037	-.399
230	1411	.155	.149	.739	-.474	230	1916	-.098	.042	.197	-.210	240	1138	-.191	.045	-.033	-.495
230	1412	-.114	.049	.238	-.315	230	1917	-.227	.063	-.043	-.524	240	1139	-.162	.044	-.011	-.396
230	1413	-.066	.063	.332	-.335	230	1918	-.212	.051	-.031	-.480	240	1140	-.236	.058	-.094	-.545
230	1414	-.001	.079	.410	-.186	230	1919	-.196	.059	.102	-.418	240	1141	-.221	.052	-.094	-.598
230	1415	.014	.075	.443	-.189	230	1920	-.207	.060	-.012	-.526	240	1142	-.221	.053	-.068	-.550
230	1416	.012	.089	.448	-.268	230	1921	-.156	.024	-.077	-.262	240	1143	-.155	.037	.035	-.328
230	1417	-.128	.052	.228	-.416	230	1922	-.225	.060	.010	-.444	240	1144	-.170	.037	.065	-.368
230	1418	-.110	.053	.213	-.277	230	1923	-.308	.097	-.000	-.782	240	1145	-.106	.058	.234	-.333
230	1419	-.070	.058	.312	-.248	230	1924	-.110	.037	.144	-.252	240	1146	-.208	.050	-.024	-.477
230	1420	-.072	.072	.307	-.476	230	1925	-.100	.038	.182	-.199	240	1147	-.202	.048	.070	-.473
230	1421	-.079	.079	.187	-.609	230	1926	-.199	.141	.233	-.932	240	1201	-.156	.062	.062	-.488
230	1422	-.144	.041	.099	-.308	230	1927	-.261	.111	.054	-.765	240	1202	-.212	.060	-.009	-.487
230	1423	-.127	.043	.166	-.288	230	1928	-.147	.026	-.031	-.252	240	1203	-.245	.049	-.077	-.490
230	1424	-.103	.043	.211	-.231	240	1101	-.228	.076	-.028	-.609	240	1204	-.172	.039	-.040	-.386
230	1425	-.109	.039	.024	-.238	240	1102	-.234	.077	-.037	-.688	240	1205	-.175	.040	-.025	-.405
230	1426	-.112	.043	.039	-.284	240	1103	-.230	.068	-.037	-.605	240	1206	-.182	.041	-.055	-.366
230	1427	-.117	.039	.228	-.229	240	1104	-.246	.070	-.054	-.804	240	1207	-.196	.041	-.057	-.385
230	1428	-.099	.041	.180	-.242	240	1105	-.247	.060	-.070	-.587	240	1208	-.208	.046	-.066	-.466
230	1429	-.071	.050	.326	-.180	240	1106	-.244	.053	-.052	-.644	240	1209	-.190	.041	-.067	-.554
230	1430	-.083	.050	.325	-.192	240	1107	-.238	.051	-.092	-.561	240	1210	-.191	.040	-.047	-.351
230	1431	-.080	.049	.359	-.199	240	1108	-.228	.063	-.061	-.535	240	1211	-.199	.039	-.091	-.434
230	1432	-.083	.048	.324	-.254	240	1109	-.227	.057	-.096	-.668	240	1212	-.196	.036	-.086	-.359
230	1433	-.106	.030	.097	-.211	240	1110	-.232	.053	-.076	-.559	240	1213	-.211	.039	-.070	-.401
230	1434	-.083	.032	.126	-.177	240	1111	-.242	.055	-.072	-.570	240	1214	-.188	.049	-.067	-.657
230	1435	-.093	.035	.098	-.201	240	1112	-.243	.055	-.057	-.517	240	1215	-.186	.046	-.082	-.496
230	1436	-.068	.046	.296	-.161	240	1113	-.234	.053	-.083	-.533	240	1216	-.187	.038	-.074	-.380
230	1437	-.082	.034	.161	-.161	240	1114	-.235	.054	-.024	-.649	240	1217	-.193	.032	-.088	-.394
230	1438	.150	.170	.753	-.255	240	1115	-.239	.063	-.033	-.563	240	1218	-.198	.038	-.092	-.412
230	1439	.188	.176	.850	-.291	240	1116	-.225	.053	-.094	-.502	240	1219	-.175	.052	-.050	-.581
230	1440	.166	.159	.745	-.296	240	1117	-.234	.051	-.015	-.566	240	1220	-.164	.038	-.028	-.496
230	1441	.013	.087	.500	-.238	240	1118	-.239	.056	-.085	-.559	240	1221	-.157	.027	-.053	-.310
230	1442	-.000	.057	.250	-.152	240	1119	-.244	.064	-.089	-.786	240	1222	-.168	.025	-.065	-.272
230	1443	-.021	.043	.189	-.160	240	1120	-.238	.061	-.052	-.624	240	1223	-.178	.029	-.081	-.305
230	1444	-.015	.038	.159	-.118	240	1121	-.229	.055	-.072	-.607	240	1224	-.159	.029	-.035	-.324
230	1445	.002	.044	.186	-.115	240	1122	-.226	.064	-.074	-.559	240	1225	-.154	.027	-.055	-.285
230	1901	-.135	.042	.060	-.385	240	1123	-.227	.056	.026	-.502	240	1226	-.155	.026	-.047	-.258
230	1902	-.147	.029	.003	-.265	240	1124	-.211	.043	-.076	-.426	240	1227	-.169	.017	-.110	-.245
230	1903	-.168	.049	.081	-.378	240	1125	-.241	.060	-.083	-.747	240	1228	-.175	.027	-.086	-.342
230	1904	-.151	.031	-.026	-.300	240	1126	-.252	.063	.015	-.557	240	1229	-.160	.028	-.064	-.265
230	1905	-.152	.030	-.052	-.362	240	1127	-.249	.072	-.087	-.847	240	1230	-.155	.028	-.055	-.295
230	1906	-.170	.028	-.079	-.296	240	1128	-.242	.061	-.099	-.834	240	1231	-.163	.027	-.069	-.278

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	1232	-.171	.028	-.094	-.336	240	1337	-.125	.100	.138	-.790	240	1424	.009	.079	.373	-.141
240	1233	-.180	.032	-.092	-.375	240	1338	-.069	.054	.135	-.442	240	1425	-.011	.064	.244	-.168
240	1234	-.130	.032	-.013	-.268	240	1339	-.057	.035	.143	-.195	240	1426	-.011	.060	.278	-.188
240	1235	-.141	.031	-.028	-.300	240	1340	-.032	.044	.189	-.162	240	1427	-.092	.041	.183	-.214
240	1236	-.142	.027	-.025	-.251	240	1341	-.044	.038	.156	-.172	240	1428	-.065	.053	.243	-.187
240	1237	-.128	.026	-.013	-.232	240	1342	-.037	.030	.079	-.116	240	1429	.039	.081	.475	-.132
240	1238	-.144	.030	-.028	-.265	240	1343	-.081	.033	.089	-.203	240	1430	.030	.079	.512	-.146
240	1239	-.071	.036	.107	-.164	240	1344	-.057	.036	.110	-.142	240	1431	.028	.074	.421	-.132
240	1240	-.072	.041	.136	-.164	240	1345	-.060	.066	.153	-.601	240	1432	-.095	.056	.206	-.427
240	1241	-.163	.076	.042	-.621	240	1346	-.052	.033	.078	-.173	240	1433	-.101	.039	.157	-.305
240	1242	-.137	.085	.134	-.660	240	1347	-.041	.028	.071	-.117	240	1434	-.088	.040	.121	-.212
240	1243	-.111	.075	.103	-.598	240	1348	-.041	.035	.095	-.137	240	1435	-.094	.036	.148	-.195
240	1244	-.084	.050	.049	-.452	240	1349	-.042	.034	.144	-.137	240	1436	-.066	.045	.220	-.184
240	1245	-.041	.034	.109	-.133	240	1350	-.040	.034	.122	-.146	240	1437	-.083	.034	.069	-.182
240	1301	-.303	.170	.228	-1.033	240	1351	-.051	.032	.100	-.132	240	1438	.036	.184	.760	-.463
240	1302	-.143	.089	.159	-.561	240	1352	-.050	.032	.093	-.151	240	1439	.125	.190	.770	-.519
240	1303	-.281	.067	-.030	-.579	240	1353	-.041	.034	.103	-.204	240	1440	.082	.186	.711	-.551
240	1304	-.258	.065	.006	-.558	240	1354	-.042	.037	.141	-.154	240	1441	-.016	.110	.582	-.525
240	1305	-.255	.106	.412	-.686	240	1355	-.038	.036	.110	-.146	240	1442	.008	.087	.412	-.166
240	1306	-.267	.158	.139	-1.158	240	1356	-.036	.037	.139	-.137	240	1443	-.047	.039	.115	-.173
240	1307	-.143	.042	.016	-.387	240	1357	-.038	.035	.117	-.137	240	1444	-.043	.035	.142	-.151
240	1308	-.202	.049	-.038	-.484	240	1358	-.038	.038	.107	-.154	240	1445	-.029	.038	.169	-.134
240	1309	-.242	.064	-.017	-.497	240	1359	-.038	.035	.081	-.142	240	1901	-.112	.036	.050	-.279
240	1310	-.136	.114	.391	-.535	240	1360	-.027	.034	.110	-.125	240	1902	-.141	.028	.006	-.243
240	1311	-.159	.060	.123	-.400	240	1361	-.029	.039	.134	-.134	240	1903	-.160	.069	.192	-.593
240	1312	-.000	.144	.593	-.400	240	1362	-.041	.034	.091	-.122	240	1904	-.139	.038	.044	-.348
240	1313	-.287	.168	.328	-.997	240	1363	-.036	.035	.122	-.125	240	1905	-.144	.031	.050	-.314
240	1314	-.185	.134	.202	-.865	240	1401	.047	.110	.432	-.309	240	1906	-.177	.039	-.069	-.438
240	1315	-.159	.053	.019	-.426	240	1402	.108	.125	.510	-.284	240	1907	-.165	.072	.211	-.492
240	1316	-.076	.139	.659	-.487	240	1403	.190	.146	.682	-.200	240	1908	-.110	.054	.153	-.314
240	1317	-.012	.102	.399	-.346	240	1404	.231	.140	.693	-.091	240	1909	-.182	.041	-.042	-.411
240	1318	.079	.161	.823	-.372	240	1405	.221	.161	.771	-.232	240	1910	-.154	.058	.121	-.475
240	1319	-.252	.161	.266	-.982	240	1406	.020	.103	.446	-.247	240	1911	-.217	.054	-.086	-.555
240	1320	-.155	.036	-.040	-.397	240	1407	-.014	.095	.357	-.272	240	1912	-.123	.057	.209	-.344
240	1321	-.241	.143	.192	-1.209	240	1408	.067	.119	.502	-.214	240	1913	-.170	.035	-.025	-.312
240	1322	-.161	.127	.200	-.801	240	1409	.192	.142	.760	-.127	240	1914	-.158	.042	.140	-.375
240	1323	-.112	.055	.078	-.421	240	1410	.214	.141	.765	-.129	240	1915	-.078	.053	.201	-.256
240	1324	-.096	.086	.271	-.485	240	1411	.171	.143	.776	-.173	240	1916	-.045	.069	.358	-.189
240	1325	-.018	.077	.348	-.262	240	1412	-.053	.080	.368	-.274	240	1917	-.266	.067	-.057	-.679
240	1326	.014	.095	.536	-.239	240	1413	.015	.089	.428	-.201	240	1918	-.243	.056	-.034	-.580
240	1327	-.227	.116	.176	-.947	240	1414	.127	.114	.619	-.127	240	1919	-.227	.066	.037	-.517
240	1328	-.165	.036	-.065	-.342	240	1415	.115	.101	.582	-.129	240	1920	-.204	.062	.077	-.574
240	1329	-.185	.108	.061	-.793	240	1416	.070	.095	.497	-.194	240	1921	-.154	.026	-.036	-.274
240	1330	-.133	.093	.115	-.793	240	1417	-.099	.061	.262	-.307	240	1922	-.257	.060	.014	-.493
240	1331	-.096	.046	.076	-.342	240	1418	-.049	.080	.417	-.234	240	1923	-.307	.107	.068	-.813
240	1332	-.050	.063	.289	-.267	240	1419	.053	.088	.554	-.189	240	1924	-.064	.043	.142	-.247
240	1333	-.030	.053	.287	-.185	240	1420	.053	.089	.484	-.196	240	1925	-.008	.074	.469	-.159
240	1334	.008	.080	.592	-.175	240	1421	.019	.071	.373	-.158	240	1926	-.310	.119	.100	-.985
240	1335	-.161	.076	.228	-.572	240	1422	-.122	.054	.202	-.371	240	1927	-.271	.112	.026	-.801
240	1336	-.139	.026	-.047	-.306	240	1423	-.088	.061	.256	-.257	240	1928	-.137	.028	-.015	-.260

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1101	-.248	.091	.020	-.966
250	1102	-.241	.086	.055	-.862
250	1103	-.271	.093	.095	-.968
250	1104	-.304	.093	.035	-.809
250	1105	-.299	.074	-.070	-.746
250	1106	-.293	.063	-.114	-.713
250	1107	-.282	.061	-.064	-.629
250	1108	-.250	.084	-.004	-.880
250	1109	-.232	.066	.024	-.567
250	1110	-.253	.069	.022	-.572
250	1111	-.286	.078	.042	-.697
250	1112	-.288	.072	-.062	-.691
250	1113	-.289	.067	-.092	-.662
250	1114	-.283	.069	-.086	-.655
250	1115	-.249	.084	.024	-.761
250	1116	-.233	.069	-.004	-.567
250	1117	-.251	.067	.013	-.574
250	1118	-.287	.083	-.018	-.693
250	1119	-.284	.081	.004	-.867
250	1120	-.287	.076	-.095	-.836
250	1121	-.286	.078	-.108	-.926
250	1122	-.236	.084	.009	-.708
250	1123	-.244	.082	.013	-.752
250	1124	-.235	.067	.026	-.497
250	1125	-.278	.079	-.089	-.948
250	1126	-.305	.100	-.009	-1.166
250	1127	-.295	.092	-.073	-1.177
250	1128	-.286	.077	-.106	-.737
250	1129	-.188	.051	-.058	-.578
250	1130	-.195	.053	.013	-.452
250	1131	-.222	.059	.013	-.483
250	1132	-.266	.067	-.051	-.560
250	1133	-.276	.080	-.069	-.880
250	1134	-.275	.085	-.089	-1.030
250	1135	-.282	.078	-.111	-.867
250	1136	-.151	.037	.029	-.401
250	1137	-.152	.038	.004	-.437
250	1138	-.195	.056	-.025	-.547
250	1139	-.158	.052	.074	-.430
250	1140	-.270	.072	-.093	-.715
250	1141	-.242	.060	-.089	-.569
250	1142	-.234	.062	-.025	-.631
250	1143	-.139	.040	.094	-.355
250	1144	-.160	.043	-.021	-.424
250	1145	-.077	.073	.317	-.294
250	1146	-.226	.060	-.051	-.569
250	1147	-.220	.059	-.012	-.589
250	1201	-.212	.063	.018	-.495
250	1202	-.268	.057	-.067	-.513
250	1203	-.291	.049	-.148	-.551
250	1204	-.201	.062	-.018	-.624
250	1205	-.199	.057	-.013	-.511
250	1206	-.195	.051	-.025	-.474
250	1207	-.215	.051	-.049	-.463
250	1208	-.223	.056	-.034	-.602
250	1209	-.191	.050	-.047	-.440
250	1210	-.189	.046	-.037	-.396
250	1211	-.192	.039	-.081	-.364
250	1212	-.208	.043	-.095	-.455
250	1213	-.218	.047	-.089	-.459
250	1214	-.172	.036	-.054	-.357
250	1215	-.171	.037	-.062	-.343
250	1216	-.175	.034	-.064	-.367
250	1217	-.196	.036	-.091	-.446
250	1218	-.206	.039	-.082	-.404
250	1219	-.207	.069	-.057	-.667
250	1220	-.180	.042	-.054	-.494
250	1221	-.162	.027	-.047	-.313
250	1222	-.178	.030	-.053	-.316
250	1223	-.187	.032	-.060	-.322
250	1224	-.165	.035	.002	-.350
250	1225	-.154	.028	-.057	-.318
250	1226	-.164	.025	-.089	-.289
250	1227	-.178	.019	-.124	-.266
250	1228	-.183	.033	-.089	-.337
250	1229	-.147	.024	-.064	-.250
250	1230	-.143	.023	-.057	-.262
250	1231	-.162	.026	-.074	-.267
250	1232	-.180	.030	-.087	-.312
250	1233	-.200	.044	-.093	-.512
250	1234	-.118	.030	.031	-.247
250	1235	-.130	.028	-.013	-.235
250	1236	-.135	.028	-.029	-.257
250	1237	-.136	.023	-.030	-.203
250	1238	-.134	.025	-.053	-.237
250	1239	-.119	.022	-.001	-.185
250	1240	-.124	.024	-.010	-.203
250	1241	-.247	.080	-.023	-.744
250	1242	-.240	.110	.069	-1.023
250	1243	-.261	.143	.076	-1.005
250	1244	-.148	.067	.048	-.592
250	1245	-.067	.040	.146	-.180
250	1301	-.300	.110	-.012	-.957
250	1302	-.237	.083	.065	-.633
250	1303	-.299	.065	-.114	-.631
250	1304	-.274	.065	.001	-.692
250	1305	-.270	.087	.072	-.766
250	1306	-.230	.111	.146	-.858
250	1307	-.183	.064	.024	-.567
250	1308	-.255	.050	-.093	-.442
250	1309	-.259	.058	-.022	-.516
250	1310	-.250	.079	.189	-.595
250	1311	-.235	.065	.032	-.498
250	1312	-.175	.123	.521	-.623
250	1313	-.304	.119	.049	-1.069
250	1314	-.284	.115	.034	-.937
250	1315	-.230	.057	-.055	-.445
250	1316	-.233	.089	.251	-.565
250	1317	-.149	.090	.294	-.435
250	1318	-.122	.128	.485	-.430
250	1319	-.200	.107	.169	-.687
250	1320	-.184	.055	.004	-.557
250	1321	-.329	.137	.118	-1.334
250	1322	-.309	.158	.128	-1.092
250	1323	-.207	.072	-.000	-.482
250	1324	-.244	.105	.163	-.599
250	1325	-.090	.074	.291	-.366
250	1326	-.064	.095	.406	-.399
250	1327	-.146	.092	.158	-.647
250	1328	-.152	.033	-.059	-.310
250	1329	-.339	.142	.086	-1.071
250	1330	-.297	.149	.040	-.990
250	1331	-.172	.060	.040	-.453
250	1332	-.082	.104	.314	-.461
250	1333	-.018	.068	.263	-.236
250	1334	.058	.108	.572	-.167
250	1335	-.141	.096	.240	-.463
250	1336	-.147	.028	-.031	-.259
250	1337	-.296	.164	.255	-1.161
250	1338	-.137	.080	.153	-.726
250	1339	-.086	.043	.099	-.256
250	1340	-.055	.058	.283	-.279
250	1341	-.064	.044	.140	-.202
250	1342	-.055	.032	.071	-.126
250	1343	-.100	.036	.056	-.241
250	1344	-.073	.043	.155	-.197
250	1345	-.177	.166	.109	-1.225
250	1346	-.095	.042	.055	-.260
250	1347	-.066	.028	.060	-.147
250	1348	-.068	.039	.106	-.190
250	1349	-.063	.042	.159	-.174
250	1350	-.065	.041	.147	-.186
250	1351	-.071	.037	.099	-.171
250	1352	-.069	.038	.113	-.178
250	1353	-.071	.037	.147	-.154
250	1354	-.069	.039	.130	-.171
250	1355	-.051	.045	.145	-.166
250	1356	-.057	.044	.152	-.164
250	1357	-.060	.041	.133	-.166
250	1358	-.062	.040	.101	-.176

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1359	-.061	.039	.200	-.196
250	1360	-.049	.045	.133	-.157
250	1361	-.042	.046	.164	-.164
250	1362	-.066	.040	.137	-.207
250	1363	-.062	.039	.125	-.171
250	1401	.095	.109	.374	-.226
250	1402	.189	.129	.651	-.172
250	1403	.241	.141	.802	-.139
250	1404	.243	.117	.637	-.101
250	1405	.229	.139	.727	-.126
250	1406	.081	.110	.511	-.260
250	1407	.041	.098	.423	-.218
250	1408	.158	.120	.609	-.185
250	1409	.319	.146	.851	-.005
250	1410	.275	.139	.735	-.070
250	1411	.190	.125	.645	-.126
250	1412	-.009	.080	.351	-.341
250	1413	.102	.106	.607	-.126
250	1414	.210	.132	.848	-.080
250	1415	.165	.108	.591	-.065
250	1416	.098	.105	.568	-.180
250	1417	-.076	.061	.201	-.364
250	1418	.003	.078	.440	-.230
250	1419	.122	.096	.563	-.095
250	1420	.094	.096	.573	-.116
250	1421	.025	.077	.388	-.192
250	1422	-.103	.053	.272	-.312
250	1423	-.041	.062	.268	-.208
250	1424	.036	.068	.393	-.112
250	1425	.045	.060	.294	-.078
250	1426	.001	.059	.330	-.146
250	1427	-.064	.042	.178	-.180
250	1428	-.018	.052	.245	-.139
250	1429	.074	.078	.430	-.097
250	1430	.069	.083	.556	-.083
250	1431	.062	.072	.442	-.083
250	1432	-.100	.052	.132	-.353
250	1433	-.102	.038	.074	-.260
250	1434	-.085	.036	.086	-.245
250	1435	-.084	.043	.105	-.262
250	1436	-.063	.036	.183	-.154
250	1437	-.054	.043	.171	-.173
250	1438	-.196	.127	.393	-.646
250	1439	-.125	.192	.629	-.607
250	1440	-.152	.169	.609	-.687
250	1441	-.061	.144	.652	-.641
250	1442	.065	.106	.554	-.197
250	1443	-.071	.047	.164	-.239
250	1444	-.065	.040	.127	-.168
250	1445	-.050	.042	.146	-.177

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	1901	-.092	.033	.044	-.220
250	1902	-.133	.029	-.004	-.262
250	1903	-.153	.077	.186	-.427
250	1904	-.129	.039	.029	-.441
250	1905	-.135	.036	.004	-.498
250	1906	-.179	.036	-.011	-.336
250	1907	-.149	.086	.287	-.452
250	1908	-.100	.063	.200	-.416
250	1909	-.176	.042	-.049	-.439
250	1910	-.134	.070	.215	-.602
250	1911	-.245	.070	-.074	-.806
250	1912	-.104	.065	.186	-.338
250	1913	-.158	.036	-.019	-.340
250	1914	-.144	.049	.027	-.467
250	1915	-.042	.051	.179	-.205
250	1916	-.001	.065	.359	-.137
250	1917	-.306	.062	-.118	-.671
250	1918	-.293	.055	-.135	-.619
250	1919	-.273	.083	.059	-.659
250	1920	-.217	.080	.131	-.798
250	1921	-.154	.028	-.070	-.340
250	1922	-.274	.065	-.038	-.545
250	1923	-.271	.088	.065	-.742
250	1924	-.022	.051	.221	-.144
250	1925	.077	.089	.544	-.116
250	1926	-.287	.082	-.052	-.776
250	1927	-.264	.114	.132	-.825
250	1928	-.132	.028	-.009	-.243
260	1101	-.204	.081	.042	-.717
260	1102	-.216	.092	.096	-.806
260	1103	-.240	.113	.158	-1.163
260	1104	-.310	.125	.049	-.957
260	1105	-.396	.122	-.008	-1.021
260	1106	-.412	.114	-.033	-1.005
260	1107	-.413	.110	-.135	-1.047
260	1108	-.202	.072	.051	-.631
260	1109	-.199	.073	.062	-.578
260	1110	-.214	.089	.089	-.751
260	1111	-.285	.107	.014	-.702
260	1112	-.404	.108	-.035	-.881
260	1113	-.393	.104	-.079	-1.096
260	1114	-.389	.109	.014	-1.036
260	1115	-.184	.057	-.033	-.498
260	1116	-.184	.061	.058	-.611
260	1117	-.204	.085	.082	-.651
260	1118	-.281	.118	.060	-.853
260	1119	-.382	.138	.042	-.992
260	1120	-.413	.139	-.073	-1.189
260	1121	-.403	.131	-.075	-1.245
260	1122	-.180	.053	.014	-.664

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1123	-.166	.053	.040	-.551
260	1124	-.169	.066	.034	-.498
260	1125	-.205	.093	.054	-.753
260	1126	-.327	.147	.138	-.961
260	1127	-.383	.147	-.031	-1.216
260	1128	-.379	.130	-.075	-1.086
260	1129	-.172	.031	-.040	-.361
260	1130	-.161	.034	.009	-.355
260	1131	-.154	.041	.024	-.414
260	1132	-.190	.075	.013	-.598
260	1133	-.229	.086	-.002	-.825
260	1134	-.270	.104	-.051	-.913
260	1135	-.275	.099	-.055	-.847
260	1136	-.166	.033	-.006	-.331
260	1137	-.149	.028	.018	-.246
260	1138	-.144	.037	-.007	-.428
260	1139	-.138	.045	.082	-.366
260	1140	-.205	.068	-.055	-.623
260	1141	-.186	.052	-.051	-.468
260	1142	-.183	.052	-.035	-.492
260	1143	-.112	.034	.080	-.313
260	1144	-.124	.029	-.004	-.235
260	1145	-.082	.060	.388	-.295
260	1146	-.185	.062	-.002	-.738
260	1147	-.171	.053	.075	-.499
260	1201	-.253	.057	-.079	-.505
260	1202	-.301	.065	-.081	-.600
260	1203	-.339	.068	-.109	-.643
260	1204	-.209	.059	-.026	-.466
260	1205	-.209	.057	-.008	-.517
260	1206	-.194	.051	-.032	-.459
260	1207	-.214	.055	-.029	-.521
260	1208	-.214	.060	-.002	-.561
260	1209	-.189	.047	-.064	-.457
260	1210	-.183	.041	-.061	-.382
260	1211	-.179	.036	-.047	-.360
260	1212	-.203	.043	-.086	-.408
260	1213	-.203	.042	-.064	-.474
260	1214	-.171	.034	-.054	-.343
260	1215	-.172	.032	-.081	-.326
260	1216	-.172	.028	-.083	-.287
260	1217	-.190	.031	-.091	-.335
260	1218	-.194	.037	-.053	-.381
260	1219	-.260	.069	-.122	-.682
260	1220	-.206	.039	-.110	-.401
260	1221	-.177	.025	-.103	-.282
260	1222	-.182	.025	-.114	-.280
260	1223	-.181	.027	-.112	-.335
260	1224	-.190	.042	-.032	-.365
260	1225	-.163	.033	-.066	-.343

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1226	-.197	.026	-.105	-.294
260	1227	-.200	.021	-.137	-.286
260	1228	-.198	.030	-.110	-.326
260	1229	-.145	.024	-.059	-.234
260	1230	-.141	.024	-.059	-.263
260	1231	-.179	.029	-.086	-.302
260	1232	-.203	.037	-.095	-.431
260	1233	-.239	.051	-.104	-.502
260	1234	-.112	.027	.033	-.214
260	1235	-.127	.025	-.042	-.219
260	1236	-.137	.024	-.047	-.231
260	1237	-.117	.026	-.012	-.196
260	1238	-.130	.025	-.035	-.215
260	1239	-.111	.025	-.009	-.184
260	1240	-.115	.024	-.024	-.192
260	1241	-.273	.067	-.049	-.613
260	1242	-.326	.107	.018	-.739
260	1243	-.360	.159	.021	-1.381
260	1244	-.169	.062	.013	-.564
260	1245	-.071	.034	.059	-.180
260	1301	-.284	.066	-.090	-.828
260	1302	-.273	.073	-.062	-.641
260	1303	-.325	.076	-.098	-.692
260	1304	-.294	.076	.044	-.646
260	1305	-.269	.117	.170	-.750
260	1306	-.245	.097	.155	-.763
260	1307	-.215	.078	.031	-.801
260	1308	-.276	.053	-.090	-.502
260	1309	-.283	.057	-.105	-.601
260	1310	-.286	.068	.057	-.611
260	1311	-.262	.066	-.022	-.490
260	1312	-.234	.077	.140	-.613
260	1313	-.302	.083	-.085	-.919
260	1314	-.317	.093	-.019	-.773
260	1315	-.263	.051	-.085	-.454
260	1316	-.282	.071	.057	-.641
260	1317	-.232	.064	.044	-.517
260	1318	-.216	.075	.335	-.500
260	1319	-.233	.093	.132	-.603
260	1320	-.204	.069	.096	-.558
260	1321	-.390	.133	-.075	-1.142
260	1322	-.376	.147	-.039	-1.157
260	1323	-.254	.068	-.005	-.608
260	1324	-.318	.094	.086	-.706
260	1325	-.144	.063	.147	-.411
260	1326	-.114	.079	.218	-.399
260	1327	-.151	.084	.167	-.467
260	1328	-.158	.035	.017	-.356
260	1329	-.450	.140	-.016	-1.066
260	1330	-.362	.147	.010	-1.045
260	1331	-.211	.061	.027	-.500
260	1332	-.055	.101	.390	-.452
260	1333	-.041	.064	.273	-.234
260	1334	.089	.110	.568	-.155
260	1335	-.153	.104	.225	-.541
260	1336	-.173	.029	-.049	-.300
260	1337	-.310	.152	.147	-1.137
260	1338	-.136	.059	.119	-.523
260	1339	-.095	.038	.058	-.229
260	1340	-.063	.046	.149	-.198
260	1341	-.070	.040	.114	-.168
260	1342	-.068	.023	.040	-.130
260	1343	-.105	.040	.058	-.292
260	1344	-.087	.037	.096	-.173
260	1345	-.175	.142	.122	-.868
260	1346	-.098	.033	.024	-.232
260	1347	-.073	.027	.012	-.134
260	1348	-.076	.032	.072	-.174
260	1349	-.068	.035	.149	-.158
260	1350	-.074	.036	.096	-.179
260	1351	-.081	.032	.048	-.177
260	1352	-.081	.032	.063	-.177
260	1353	-.074	.035	.094	-.177
260	1354	-.076	.033	.060	-.174
260	1355	-.064	.038	.118	-.172
260	1356	-.056	.041	.163	-.172
260	1357	-.068	.037	.098	-.162
260	1358	-.068	.041	.108	-.184
260	1359	-.065	.036	.096	-.179
260	1360	-.059	.037	.106	-.155
260	1361	-.049	.038	.096	-.148
260	1362	-.078	.034	.110	-.170
260	1363	-.071	.034	.070	-.158
260	1401	.189	.130	.622	-.179
260	1402	.242	.137	.790	-.116
260	1403	.277	.143	.934	-.082
260	1404	.291	.123	.726	-.068
260	1405	.191	.116	.571	-.117
260	1406	.131	.125	.811	-.272
260	1407	.069	.114	.542	-.265
260	1408	.231	.138	.830	-.158
260	1409	.320	.148	.845	-.068
260	1410	.272	.136	.713	-.086
260	1411	.175	.112	.561	-.179
260	1412	-.017	.085	.311	-.295
260	1413	.098	.107	.599	-.196
260	1414	.223	.124	.711	-.050
260	1415	.165	.111	.620	-.089
260	1416	.058	.107	.504	-.277
260	1417	-.098	.059	.169	-.305
260	1418	-.018	.064	.288	-.200
260	1419	.078	.082	.481	-.184
260	1420	.074	.092	.512	-.146
260	1421	.011	.088	.374	-.243
260	1422	-.110	.044	.148	-.328
260	1423	-.055	.048	.240	-.242
260	1424	.013	.052	.282	-.109
260	1425	.035	.046	.216	-.078
260	1426	.011	.062	.337	-.177
260	1427	-.058	.036	.152	-.171
260	1428	-.010	.045	.211	-.135
260	1429	.073	.065	.432	-.066
260	1430	.076	.066	.379	-.075
260	1431	.070	.079	.495	-.075
260	1432	-.111	.043	.060	-.339
260	1433	-.103	.033	.079	-.225
260	1434	-.090	.034	.022	-.251
260	1435	-.098	.035	.042	-.253
260	1436	-.071	.030	.079	-.147
260	1437	-.069	.031	.246	-.147
260	1438	-.248	.074	.155	-.617
260	1439	-.246	.112	.439	-.833
260	1440	-.258	.120	.410	-.899
260	1441	-.121	.159	.562	-.783
260	1442	.076	.104	.555	-.149
260	1443	-.079	.043	.112	-.247
260	1444	-.069	.039	.102	-.178
260	1445	-.052	.041	.191	-.154
260	1901	-.087	.027	.036	-.193
260	1902	-.112	.028	.057	-.255
260	1903	-.110	.059	.204	-.363
260	1904	-.113	.039	.023	-.412
260	1905	-.126	.030	.019	-.353
260	1906	-.161	.035	-.038	-.327
260	1907	-.112	.065	.291	-.421
260	1908	-.093	.050	.127	-.359
260	1909	-.138	.034	.006	-.374
260	1910	-.100	.048	.110	-.295
260	1911	-.182	.059	-.040	-.824
260	1912	-.104	.052	.234	-.346
260	1913	-.130	.031	.051	-.302
260	1914	-.111	.033	.036	-.263
260	1915	-.047	.043	.200	-.198
260	1916	.008	.058	.319	-.144
260	1917	-.361	.072	-.134	-.661
260	1918	-.343	.076	-.093	-.739
260	1919	-.277	.106	.110	-.752
260	1920	-.189	.101	.183	-.582
260	1921	-.155	.025	-.064	-.265
260	1922	-.294	.080	.068	-.604

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	1923	-.264	.105	.166	-.714
260	1924	-.021	.043	.238	-.132
260	1925	.074	.079	.465	-.096
260	1926	-.287	.071	-.070	-.645
260	1927	-.247	.093	.063	-.783
260	1928	-.124	.026	-.009	-.215
270	1101	-.185	.036	-.060	-.450
270	1102	-.165	.044	-.023	-.525
270	1103	-.158	.053	.039	-.617
270	1104	-.180	.075	.016	-.768
270	1105	-.309	.157	.021	-1.062
270	1106	-.488	.161	.060	-1.401
270	1107	-.501	.146	-.001	-1.217
270	1108	-.197	.031	-.058	-.369
270	1109	-.175	.033	-.025	-.358
270	1110	-.145	.046	.018	-.479
270	1111	-.156	.082	.067	-.687
270	1112	-.321	.175	.115	-.924
270	1113	-.441	.168	.314	-1.151
270	1114	-.437	.132	.235	-1.088
270	1115	-.199	.027	-.067	-.336
270	1116	-.179	.030	-.063	-.428
270	1117	-.150	.044	.115	-.492
270	1118	-.141	.066	.091	-.547
270	1119	-.245	.160	.110	-.882
270	1120	-.398	.191	.334	-1.211
270	1121	-.436	.178	.218	-1.314
270	1122	-.203	.028	-.085	-.308
270	1123	-.172	.027	-.032	-.273
270	1124	-.143	.033	-.001	-.361
270	1125	-.128	.043	.097	-.505
270	1126	-.157	.095	.082	-.731
270	1127	-.282	.164	.146	-1.103
270	1128	-.300	.133	.116	-1.052
270	1129	-.194	.025	-.095	-.290
270	1130	-.175	.025	-.053	-.266
270	1131	-.144	.026	-.047	-.332
270	1132	-.126	.034	-.014	-.332
270	1133	-.141	.060	.056	-.507
270	1134	-.185	.077	.032	-.764
270	1135	-.207	.072	.043	-.556
270	1136	-.231	.043	-.079	-.427
270	1137	-.177	.031	-.056	-.317
270	1138	-.127	.036	.070	-.240
270	1139	-.101	.040	.070	-.222
270	1140	-.114	.043	.070	-.341
270	1141	-.123	.043	.061	-.312
270	1142	-.133	.046	.013	-.409
270	1143	-.081	.045	.146	-.181
270	1144	-.110	.033	.028	-.216
270	1145	-.070	.045	.140	-.244
270	1146	-.111	.040	.070	-.281
270	1147	-.106	.039	.026	-.281
270	1201	-.271	.050	-.109	-.484
270	1202	-.317	.067	-.066	-.665
270	1203	-.360	.084	-.141	-.740
270	1204	-.246	.052	-.078	-.585
270	1205	-.235	.043	-.116	-.447
270	1206	-.222	.037	-.099	-.388
270	1207	-.229	.036	-.108	-.418
270	1208	-.225	.036	-.088	-.450
270	1209	-.239	.044	-.099	-.427
270	1210	-.229	.034	-.121	-.358
270	1211	-.221	.032	-.109	-.381
270	1212	-.227	.033	-.113	-.387
270	1213	-.230	.031	-.139	-.404
270	1214	-.223	.033	-.121	-.361
270	1215	-.226	.031	-.133	-.368
270	1216	-.224	.028	-.131	-.332
270	1217	-.226	.027	-.143	-.341
270	1218	-.230	.029	-.139	-.334
270	1219	-.290	.061	-.126	-.592
270	1220	-.262	.043	-.138	-.457
270	1221	-.226	.029	-.142	-.336
270	1222	-.223	.025	-.145	-.331
270	1223	-.227	.025	-.149	-.317
270	1224	-.244	.047	-.082	-.496
270	1225	-.217	.035	-.086	-.361
270	1226	-.253	.032	-.158	-.383
270	1227	-.244	.024	-.178	-.336
270	1228	-.236	.031	-.145	-.385
270	1229	-.192	.033	-.059	-.435
270	1230	-.185	.033	-.059	-.302
270	1231	-.247	.041	-.150	-.432
270	1232	-.289	.053	-.157	-.647
270	1233	-.345	.081	-.178	-.774
270	1234	-.147	.032	-.018	-.268
270	1235	-.167	.032	-.064	-.283
270	1236	-.172	.032	-.006	-.295
270	1237	-.132	.027	.003	-.238
270	1238	-.133	.026	-.033	-.224
270	1239	-.132	.024	-.035	-.211
270	1240	-.136	.023	-.043	-.209
270	1241	-.305	.056	-.122	-.532
270	1242	-.372	.103	-.058	-.920
270	1243	-.408	.149	-.045	-1.080
270	1244	-.188	.054	-.028	-.502
270	1245	-.109	.034	.023	-.201
270	1301	-.292	.058	-.124	-.682
270	1302	-.298	.066	-.058	-.735
270	1303	-.329	.079	-.129	-.766
270	1304	-.288	.076	-.027	-.651
270	1305	-.208	.096	.121	-.707
270	1306	-.275	.068	.006	-.636
270	1307	-.266	.078	-.022	-.733
270	1308	-.295	.054	-.112	-.487
270	1309	-.295	.057	-.129	-.585
270	1310	-.289	.067	-.076	-.718
270	1311	-.239	.073	.075	-.523
270	1312	-.214	.077	.098	-.682
270	1313	-.318	.068	-.137	-.746
270	1314	-.346	.082	-.091	-.978
270	1315	-.283	.048	-.140	-.503
270	1316	-.303	.054	-.094	-.546
270	1317	-.250	.051	-.086	-.452
270	1318	-.246	.051	-.030	-.444
270	1319	-.291	.070	.088	-.794
270	1320	-.262	.064	-.045	-.556
270	1321	-.417	.122	-.086	-1.224
270	1322	-.427	.137	-.063	-1.183
270	1323	-.288	.059	-.094	-.560
270	1324	-.342	.073	-.037	-.741
270	1325	-.218	.060	.017	-.463
270	1326	-.191	.073	.189	-.399
270	1327	-.229	.078	.078	-.594
270	1328	-.216	.038	-.091	-.407
270	1329	-.473	.143	-.124	-1.223
270	1330	-.429	.154	-.065	-1.254
270	1331	-.245	.053	-.029	-.484
270	1332	-.158	.108	.317	-.492
270	1333	-.113	.058	.199	-.327
270	1334	-.031	.088	.368	-.263
270	1335	-.183	.095	.276	-.558
270	1336	-.222	.033	-.091	-.358
270	1337	-.374	.165	.194	-1.277
270	1338	-.186	.075	.076	-.754
270	1339	-.150	.038	.017	-.297
270	1340	-.107	.050	.158	-.291
270	1341	-.124	.039	.066	-.253
270	1342	-.122	.025	.006	-.199
270	1343	-.154	.037	-.001	-.363
270	1344	-.145	.036	.053	-.243
270	1345	-.249	.138	.091	-1.123
270	1346	-.145	.038	-.025	-.359
270	1347	-.121	.028	-.030	-.216
270	1348	-.119	.035	.060	-.248
270	1349	-.121	.035	.026	-.248
270	1350	-.115	.035	.072	-.248
270	1351	-.132	.033	.041	-.243
270	1352	-.129	.034	.041	-.229

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	1353	-.117	.034	.026	-.219	270	1440	-.305	.079	.151	-.652	280	1117	-.153	.041	.099	-.273
270	1354	-.122	.035	.099	-.236	270	1441	-.238	.133	.450	-.781	280	1118	-.103	.051	.210	-.264
270	1355	-.111	.037	.116	-.221	270	1442	-.023	.097	.447	-.346	280	1119	-.082	.088	.287	-.702
270	1356	-.112	.033	.011	-.224	270	1443	-.125	.040	.030	-.266	280	1120	-.207	.202	.331	-1.036
270	1357	-.112	.036	.077	-.219	270	1444	-.111	.035	.037	-.222	280	1121	-.258	.195	.393	-1.118
270	1358	-.117	.038	.038	-.253	270	1445	-.100	.036	.064	-.210	280	1122	-.249	.030	-.080	-.383
270	1359	-.106	.037	.055	-.224	270	1901	-.099	.029	.022	-.205	280	1123	-.207	.030	-.014	-.386
270	1360	-.105	.034	.033	-.212	270	1902	-.110	.028	.033	-.209	280	1124	-.157	.033	.052	-.279
270	1361	-.107	.036	.072	-.207	270	1903	-.133	.044	.190	-.323	280	1125	-.115	.038	.070	-.240
270	1362	-.131	.032	-.013	-.248	270	1904	-.122	.044	.049	-.308	280	1126	-.098	.053	.123	-.406
270	1363	-.124	.034	.053	-.224	270	1905	-.163	.043	-.035	-.415	280	1127	-.134	.118	.247	-.921
270	1401	.226	.144	.700	-.209	270	1906	-.148	.036	-.012	-.304	280	1128	-.179	.136	.244	-.710
270	1402	.275	.151	.725	-.145	270	1907	-.096	.046	.136	-.321	280	1129	-.238	.028	-.093	-.348
270	1403	.269	.142	.722	-.122	270	1908	-.066	.050	.186	-.239	280	1130	-.208	.028	-.049	-.333
270	1404	.227	.116	.592	-.111	270	1909	-.111	.041	.121	-.247	280	1131	-.157	.029	.031	-.273
270	1405	.135	.112	.551	-.172	270	1910	-.065	.059	.253	-.197	280	1132	-.122	.031	.049	-.235
270	1406	.185	.139	.725	-.294	270	1911	-.112	.041	.066	-.327	280	1133	-.109	.039	.118	-.275
270	1407	.129	.134	.611	-.242	270	1912	-.074	.050	.156	-.228	280	1134	-.128	.065	.131	-.464
270	1408	.259	.153	.852	-.095	270	1913	-.117	.034	.043	-.216	280	1135	-.157	.073	.162	-.479
270	1409	.324	.153	.832	-.057	270	1914	-.077	.056	.249	-.213	280	1136	-.277	.054	-.047	-.608
270	1410	.208	.129	.658	-.205	270	1915	-.058	.033	.125	-.226	280	1137	-.209	.035	-.071	-.377
270	1411	.080	.101	.439	-.241	270	1916	-.010	.049	.251	-.133	280	1138	-.130	.033	.149	-.233
270	1412	.018	.104	.515	-.290	270	1917	-.397	.090	-.180	-.943	280	1139	-.078	.044	.146	-.217
270	1413	.093	.113	.590	-.253	270	1918	-.362	.097	-.068	-.872	280	1140	-.098	.038	.078	-.253
270	1414	.141	.110	.653	-.106	270	1919	-.268	.110	.052	-.907	280	1141	-.094	.043	.111	-.242
270	1415	.069	.091	.464	-.144	270	1920	-.184	.071	.131	-.508	280	1142	-.105	.040	.071	-.249
270	1416	-.044	.093	.377	-.346	270	1921	-.201	.033	-.104	-.392	280	1143	-.066	.056	.315	-.209
270	1417	-.056	.069	.318	-.311	270	1922	-.288	.081	.013	-.739	280	1144	-.116	.035	.071	-.226
270	1418	-.015	.059	.291	-.280	270	1923	-.189	.100	.157	-.578	280	1145	-.047	.050	.268	-.171
270	1419	.015	.060	.387	-.134	270	1924	-.025	.039	.228	-.184	280	1146	-.092	.038	.060	-.195
270	1420	-.026	.072	.375	-.246	270	1925	.059	.075	.487	-.098	280	1147	-.086	.035	.162	-.189
270	1421	-.109	.078	.243	-.313	270	1926	-.312	.072	-.036	-.747	280	1201	-.304	.048	-.154	-.507
270	1422	-.090	.044	.121	-.319	270	1927	-.248	.078	.081	-.625	280	1202	-.351	.071	-.163	-.675
270	1423	-.060	.039	.183	-.197	270	1928	-.156	.036	.005	-.302	280	1203	-.408	.083	-.153	-.879
270	1424	-.019	.033	.156	-.110	280	1101	-.219	.044	.139	-.397	280	1204	-.295	.048	-.155	-.518
270	1425	-.012	.038	.199	-.106	280	1102	-.189	.050	.119	-.361	280	1205	-.284	.044	-.150	-.644
270	1426	-.051	.055	.216	-.246	280	1103	-.168	.057	.077	-.359	280	1206	-.271	.040	-.153	-.519
270	1427	-.043	.042	.200	-.147	280	1104	-.159	.056	.068	-.356	280	1207	-.289	.039	-.160	-.521
270	1428	-.016	.042	.219	-.111	280	1105	-.153	.082	.121	-.691	280	1208	-.284	.038	-.171	-.490
270	1429	.049	.059	.378	-.081	280	1106	-.272	.243	.424	-1.145	280	1209	-.302	.043	-.150	-.524
270	1430	.053	.062	.354	-.079	280	1107	-.378	.228	.351	-1.266	280	1210	-.299	.038	-.170	-.461
270	1431	.062	.070	.513	-.086	280	1108	-.239	.038	.008	-.392	280	1211	-.281	.034	-.187	-.464
270	1432	-.101	.036	.100	-.309	280	1109	-.199	.047	.223	-.344	280	1212	-.289	.034	-.193	-.528
270	1433	-.099	.034	.067	-.334	280	1110	-.141	.058	.234	-.293	280	1213	-.288	.032	-.202	-.428
270	1434	-.094	.032	.036	-.205	280	1111	-.092	.064	.214	-.326	280	1214	-.309	.044	-.150	-.587
270	1435	-.094	.032	.043	-.260	280	1112	-.091	.132	.272	-.890	280	1215	-.299	.041	-.189	-.512
270	1436	-.074	.027	.052	-.161	280	1113	-.240	.256	.546	-1.096	280	1216	-.295	.035	-.191	-.500
270	1437	-.073	.029	.070	-.161	280	1114	-.284	.235	.546	-1.063	280	1217	-.291	.032	-.206	-.575
270	1438	-.271	.067	.018	-.519	280	1115	-.242	.031	-.071	-.383	280	1218	-.269	.030	-.193	-.415
270	1439	-.279	.064	.044	-.570	280	1116	-.211	.034	-.016	-.339	280	1219	-.349	.066	-.112	-.717

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	1220	-.327	.049	-.208	-.363
280	1221	-.291	.033	-.162	-.388
280	1222	-.287	.031	-.197	-.441
280	1223	-.284	.028	-.183	-.388
280	1224	-.325	.069	-.090	-.644
280	1225	-.289	.046	-.148	-.490
280	1226	-.321	.040	-.194	-.490
280	1227	-.314	.032	-.216	-.451
280	1228	-.301	.038	-.174	-.491
280	1229	-.239	.049	.057	-.456
280	1230	-.235	.048	-.049	-.454
280	1231	-.329	.052	-.189	-.548
280	1232	-.390	.067	-.252	-.737
280	1233	-.441	.110	-.235	-.953
280	1234	-.182	.048	.221	-.358
280	1235	-.213	.040	-.096	-.348
280	1236	-.200	.041	-.015	-.379
280	1237	-.167	.032	-.061	-.285
280	1238	-.164	.026	-.078	-.281
280	1239	-.163	.023	-.067	-.262
280	1240	-.169	.023	-.088	-.258
280	1241	-.331	.046	-.195	-.604
280	1242	-.392	.072	-.172	-.855
280	1243	-.480	.122	-.152	-1.086
280	1244	-.283	.066	-.119	-.596
280	1245	-.183	.039	-.050	-.337
280	1301	-.326	.050	-.160	-.610
280	1302	-.336	.060	-.158	-.693
280	1303	-.360	.079	-.148	-.816
280	1304	-.357	.082	-.107	-.771
280	1305	-.239	.074	-.029	-.605
280	1306	-.318	.058	-.143	-.693
280	1307	-.334	.074	-.107	-.799
280	1308	-.340	.058	-.173	-.618
280	1309	-.339	.061	-.112	-.625
280	1310	-.331	.074	-.092	-.716
280	1311	-.256	.062	-.049	-.565
280	1312	-.273	.098	-.002	-.666
280	1313	-.346	.052	-.200	-.781
280	1314	-.366	.058	-.205	-.718
280	1315	-.328	.044	-.200	-.497
280	1316	-.336	.050	-.178	-.540
280	1317	-.290	.049	-.132	-.474
280	1318	-.267	.050	-.057	-.479
280	1319	-.331	.050	-.097	-.839
280	1320	-.336	.061	-.165	-.862
280	1321	-.400	.079	-.163	-.791
280	1322	-.439	.095	-.173	-1.078
280	1323	-.346	.052	-.169	-.591
280	1324	-.388	.059	-.205	-.687
280	1325	-.303	.050	-.134	-.487
280	1326	-.314	.057	-.071	-.530
280	1327	-.341	.074	-.101	-.702
280	1328	-.302	.047	-.172	-.508
280	1329	-.496	.112	-.227	-1.060
280	1330	-.527	.130	-.124	-1.303
280	1331	-.311	.056	-.101	-.601
280	1332	-.326	.087	.081	-.609
280	1333	-.212	.051	-.000	-.391
280	1334	-.144	.086	.224	-.359
280	1335	-.139	.093	.227	-.467
280	1336	-.262	.038	-.191	-.414
280	1337	-.620	.207	-.197	-1.795
280	1338	-.376	.139	.025	-1.005
280	1339	-.240	.043	-.071	-.417
280	1340	-.191	.070	.081	-.402
280	1341	-.202	.041	-.048	-.333
280	1342	-.202	.028	-.111	-.296
280	1343	-.239	.046	-.106	-.424
280	1344	-.221	.042	-.066	-.409
280	1345	-.525	.185	-.039	-1.406
280	1346	-.258	.066	-.124	-.506
280	1347	-.189	.029	-.103	-.308
280	1348	-.196	.039	-.063	-.339
280	1349	-.196	.041	-.074	-.351
280	1350	-.191	.037	-.060	-.336
280	1351	-.210	.038	-.084	-.358
280	1352	-.204	.035	-.082	-.332
280	1353	-.193	.037	-.072	-.341
280	1354	-.191	.038	-.074	-.344
280	1355	-.188	.037	-.053	-.360
280	1356	-.177	.035	-.036	-.310
280	1357	-.184	.040	-.024	-.329
280	1358	-.193	.040	-.043	-.358
280	1359	-.162	.035	-.034	-.286
280	1360	-.151	.039	.011	-.334
280	1361	-.155	.033	-.029	-.279
280	1362	-.207	.037	-.098	-.356
280	1363	-.203	.036	-.074	-.344
280	1401	.232	.159	.804	-.138
280	1402	.240	.155	.734	-.168
280	1403	.187	.147	.778	-.202
280	1404	.099	.108	.515	-.180
280	1405	.016	.099	.424	-.293
280	1406	.231	.159	.898	-.208
280	1407	.184	.134	.810	-.233
280	1408	.248	.137	.839	-.101
280	1409	.223	.128	.727	-.094
280	1410	.079	.104	.487	-.216
280	1411	-.040	.087	.314	-.242
280	1412	.095	.106	.567	-.397
280	1413	.121	.100	.533	-.176
280	1414	.108	.092	.554	-.104
280	1415	-.016	.068	.324	-.203
280	1416	-.129	.069	.141	-.351
280	1417	.001	.070	.298	-.206
280	1418	.017	.064	.308	-.229
280	1419	.004	.053	.248	-.142
280	1420	-.092	.054	.156	-.267
280	1421	-.186	.057	.109	-.372
280	1422	-.063	.046	.134	-.302
280	1423	-.046	.040	.164	-.225
280	1424	-.026	.031	.160	-.117
280	1425	-.046	.026	.076	-.121
280	1426	-.124	.044	.119	-.340
280	1427	-.037	.042	.141	-.166
280	1428	-.013	.045	.206	-.153
280	1429	.046	.057	.473	-.081
280	1430	.058	.064	.340	-.078
280	1431	.072	.073	.509	-.090
280	1432	-.114	.039	-.010	-.348
280	1433	-.103	.027	-.008	-.241
280	1434	-.101	.030	-.006	-.302
280	1435	-.102	.025	.023	-.202
280	1436	-.087	.022	.023	-.159
280	1437	-.085	.025	.023	-.172
280	1438	-.229	.106	.184	-.622
280	1439	-.283	.066	-.006	-.538
280	1440	-.328	.057	-.146	-.648
280	1441	-.373	.105	-.006	-1.004
280	1442	-.156	.102	.225	-.676
280	1443	-.198	.042	-.055	-.398
280	1444	-.188	.038	-.079	-.357
280	1445	-.173	.039	-.045	-.330
280	1901	-.104	.028	-.004	-.225
280	1902	-.111	.033	.047	-.276
280	1903	-.141	.039	.077	-.397
280	1904	-.144	.054	.070	-.450
280	1905	-.205	.058	.009	-.563
280	1906	-.181	.048	-.002	-.495
280	1907	-.082	.043	.104	-.331
280	1908	-.038	.060	.280	-.166
280	1909	-.093	.048	.212	-.217
280	1910	-.049	.063	.306	-.225
280	1911	-.084	.041	.153	-.236
280	1912	-.038	.058	.255	-.168
280	1913	-.120	.037	.100	-.229
280	1914	-.041	.067	.346	-.206
280	1915	-.061	.031	.087	-.180
280	1916	-.008	.052	.280	-.149

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	1917	-.450	.121	-.093	-1.032
280	1918	-.406	.099	-.106	-.873
280	1919	-.430	.137	-.070	-1.036
280	1920	-.291	.072	.013	-.707
280	1921	-.256	.045	-.134	-.512
280	1922	-.348	.081	-.131	-.664
280	1923	-.199	.100	.103	-.654
280	1924	-.021	.040	.187	-.123
280	1925	-.071	.086	.465	-.117
280	1926	-.359	.077	-.152	-.807
280	1927	-.201	.083	.081	-.537
280	1928	-.201	.045	-.017	-.359
290	1101	-.220	.091	.209	-.675
290	1102	-.173	.091	.353	-.564
290	1103	-.138	.098	.424	-.449
290	1104	-.111	.093	.373	-.406
290	1105	-.086	.085	.340	-.399
290	1106	.001	.160	.549	-.879
290	1107	-.042	.239	.599	-1.101
290	1108	-.245	.068	.152	-.546
290	1109	-.190	.074	.518	-.502
290	1110	-.102	.082	.244	-.327
290	1111	-.013	.097	.406	-.281
290	1112	.030	.106	.566	-.476
290	1113	.066	.186	.731	-.805
290	1114	.025	.232	.845	-.851
290	1115	-.260	.045	-.002	-.443
290	1116	-.216	.047	.024	-.379
290	1117	-.144	.054	.154	-.309
290	1118	-.064	.066	.277	-.243
290	1119	-.008	.081	.380	-.515
290	1120	.016	.133	.494	-.732
290	1121	-.013	.163	.507	-.669
290	1122	-.264	.036	-.105	-.452
290	1123	-.220	.034	-.015	-.340
290	1124	-.159	.040	.055	-.285
290	1125	-.104	.046	.112	-.234
290	1126	-.058	.058	.274	-.237
290	1127	-.040	.085	.248	-.603
290	1128	-.042	.112	.310	-.806
290	1129	-.255	.034	-.125	-.450
290	1130	-.226	.033	-.090	-.352
290	1131	-.174	.030	-.040	-.292
290	1132	-.131	.036	.044	-.277
290	1133	-.117	.034	.085	-.240
290	1134	-.111	.049	.129	-.354
290	1135	-.123	.067	.103	-.514
290	1136	-.313	.065	-.143	-.632
290	1137	-.216	.042	.011	-.406
290	1138	-.133	.037	.064	-.237
290	1139	-.083	.047	.197	-.198
290	1140	-.111	.041	.064	-.352
290	1141	-.107	.037	.077	-.235
290	1142	-.109	.044	.101	-.316
290	1143	-.044	.070	.277	-.211
290	1144	-.124	.045	.094	-.272
290	1145	-.039	.061	.358	-.185
290	1146	-.107	.042	.121	-.231
290	1147	-.090	.039	.189	-.189
290	1201	-.324	.054	-.164	-.542
290	1202	-.366	.071	-.151	-.703
290	1203	-.480	.097	-.185	-1.195
290	1204	-.314	.079	-.110	-.981
290	1205	-.307	.074	-.063	-1.025
290	1206	-.314	.083	-.061	-.884
290	1207	-.324	.066	-.152	-.863
290	1208	-.325	.062	-.154	-.802
290	1209	-.314	.051	-.167	-.671
290	1210	-.311	.052	-.133	-.635
290	1211	-.313	.063	-.046	-.715
290	1212	-.325	.060	-.143	-.710
290	1213	-.318	.048	-.193	-.611
290	1214	-.331	.063	-.111	-.736
290	1215	-.320	.054	-.143	-.603
290	1216	-.310	.048	-.143	-.552
290	1217	-.316	.043	-.145	-.569
290	1218	-.313	.047	-.156	-.580
290	1219	-.352	.064	-.170	-.688
290	1220	-.344	.056	-.119	-.644
290	1221	-.299	.037	-.189	-.481
290	1222	-.315	.039	-.169	-.493
290	1223	-.310	.035	-.196	-.472
290	1224	-.319	.080	-.053	-.623
290	1225	-.308	.049	-.160	-.560
290	1226	-.351	.059	-.196	-.632
290	1227	-.338	.036	-.246	-.481
290	1228	-.323	.046	-.179	-.535
290	1229	-.239	.062	.060	-.543
290	1230	-.234	.054	.010	-.480
290	1231	-.345	.063	-.124	-.700
290	1232	-.429	.084	-.229	-.904
290	1233	-.514	.137	-.250	-1.344
290	1234	-.166	.067	.329	-.349
290	1235	-.209	.046	-.015	-.402
290	1236	-.216	.046	-.039	-.451
290	1237	-.177	.032	-.067	-.300
290	1238	-.181	.026	-.086	-.227
290	1239	-.178	.023	-.088	-.256
290	1240	-.180	.023	-.089	-.258
290	1241	-.337	.042	-.227	-.514
290	1242	-.366	.060	-.164	-.658
290	1243	-.441	.096	-.207	-.915
290	1244	-.335	.068	-.169	-.691
290	1245	-.243	.040	-.126	-.441
290	1301	-.347	.051	-.195	-.554
290	1302	-.354	.055	-.188	-.634
290	1303	-.374	.084	-.142	-.773
290	1304	-.418	.094	-.173	-.930
290	1305	-.316	.083	-.041	-.725
290	1306	-.321	.068	-.109	-.730
290	1307	-.324	.071	-.140	-.743
290	1308	-.347	.057	-.198	-.637
290	1309	-.350	.065	-.162	-.672
290	1310	-.343	.079	-.077	-.687
290	1311	-.304	.065	-.097	-.715
290	1312	-.289	.091	.067	-.713
290	1313	-.350	.045	-.228	-.549
290	1314	-.364	.049	-.220	-.599
290	1315	-.347	.043	-.210	-.501
290	1316	-.347	.053	-.198	-.644
290	1317	-.328	.062	-.162	-.670
290	1318	-.299	.055	-.104	-.554
290	1319	-.333	.058	-.145	-.849
290	1320	-.335	.053	-.122	-.614
290	1321	-.387	.064	-.210	-.781
290	1322	-.411	.071	-.173	-.882
290	1323	-.351	.046	-.214	-.577
290	1324	-.382	.053	-.246	-.626
290	1325	-.322	.039	-.205	-.489
290	1326	-.329	.040	-.178	-.499
290	1327	-.357	.055	-.167	-.659
290	1328	-.325	.044	-.157	-.484
290	1329	-.469	.093	-.264	-.887
290	1330	-.475	.096	-.228	-.985
290	1331	-.327	.049	-.170	-.542
290	1332	-.378	.062	-.091	-.692
290	1333	-.275	.045	-.137	-.446
290	1334	-.237	.071	.147	-.464
290	1335	-.182	.073	.103	-.454
290	1336	-.289	.040	-.155	-.456
290	1337	-.621	.176	-.236	-1.629
290	1338	-.478	.119	-.124	-.907
290	1339	-.298	.043	-.187	-.469
290	1340	-.274	.056	.020	-.484
290	1341	-.269	.040	-.119	-.426
290	1342	-.257	.026	-.175	-.360
290	1343	-.292	.044	-.150	-.479
290	1344	-.274	.042	-.145	-.428
290	1345	-.588	.183	-.096	-1.669
290	1346	-.341	.063	-.177	-.586

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	1347	-.240	.025	-.153	-.330	290	1434	-.100	024	-.062	-.300	300	1111	.031	.111	.467	-.397
290	1348	-.255	.038	-.117	-.383	290	1435	-.098	.025	-.028	-.207	300	1112	.114	.136	.608	-.196
290	1349	-.262	.040	-.117	-.390	290	1436	-.096	.029	-.007	-.162	300	1113	.157	.167	.833	-.621
290	1350	-.246	.037	-.089	-.376	290	1437	-.093	.022	-.011	-.217	300	1114	.151	.188	.822	-.512
290	1351	-.260	.034	-.153	-.407	290	1438	-.205	.112	.217	-.605	300	1115	-.247	.056	-.037	-.454
290	1352	-.267	.041	-.148	-.483	290	1439	-.239	.078	.057	-.548	300	1116	-.209	.052	.054	-.410
290	1353	-.247	.038	-.136	-.390	290	1440	-.337	.059	-.169	-.789	300	1117	-.132	.063	.218	-.336
290	1354	-.244	.037	-.110	-.411	290	1441	-.380	.077	-.123	-.770	300	1118	-.044	.080	.362	-.220
290	1355	-.236	.038	-.086	-.459	290	1442	-.264	.093	.053	-.652	300	1119	.034	.104	.554	-.190
290	1356	-.211	.036	-.065	-.352	290	1443	-.263	.041	-.113	-.417	300	1120	.052	.121	.748	-.550
290	1357	-.239	.039	-.134	-.376	290	1444	-.251	.040	-.084	-.417	300	1121	.055	.143	.713	-.741
290	1358	-.251	.041	-.100	-.419	290	1445	-.242	.042	-.113	-.388	300	1122	-.259	.040	-.103	-.497
290	1359	-.206	.037	-.067	-.335	290	1901	-.117	.027	.025	-.230	300	1123	-.211	.038	-.009	-.366
290	1360	-.197	.045	-.029	-.366	290	1902	-.129	.037	.038	-.364	300	1124	-.153	.044	.150	-.303
290	1361	-.203	.036	-.077	-.337	290	1903	-.162	.040	-.021	-.400	300	1125	-.100	.054	.172	-.269
290	1362	-.265	.038	-.151	-.431	290	1904	-.174	.064	-.054	-.750	300	1126	-.054	.066	.286	-.227
290	1363	-.265	.037	-.151	-.409	290	1905	-.233	.070	-.021	-.712	300	1127	-.022	.083	.382	-.432
290	1401	.178	.169	.716	-.570	290	1906	-.204	.055	.044	-.438	300	1128	-.035	.090	.367	-.522
290	1402	.141	.155	.680	-.200	290	1907	-.080	.052	.221	-.192	300	1129	-.260	.039	-.052	-.472
290	1403	.073	.131	.509	-.244	290	1908	-.033	.071	.366	-.207	300	1130	-.223	.035	-.070	-.367
290	1404	-.017	.088	.346	-.277	290	1909	-.069	.062	.273	-.223	300	1131	-.172	.033	-.011	-.383
290	1405	-.099	.081	.213	-.322	290	1910	-.029	.089	.419	-.223	300	1132	-.127	.040	.057	-.273
290	1406	.207	.192	.911	-.530	290	1911	-.096	.038	.084	-.196	300	1133	-.103	.044	.072	-.284
290	1407	.205	.184	.788	-.543	290	1912	-.013	.076	.379	-.190	300	1134	-.100	.045	.077	-.393
290	1408	.177	.150	.797	-.312	290	1913	-.127	.045	.124	-.255	300	1135	-.107	.053	.070	-.387
290	1409	.099	.114	.548	-.198	290	1914	-.021	.090	.530	-.190	300	1136	-.316	.074	-.087	-.743
290	1410	-.043	.085	.394	-.294	290	1915	-.078	.032	.069	-.175	300	1137	-.230	.047	-.013	-.415
290	1411	-.142	.069	.167	-.345	290	1916	-.038	.051	.349	-.156	300	1138	-.141	.041	.116	-.251
290	1412	.076	.118	.610	-.518	290	1917	-.375	.161	.067	-.941	300	1139	-.094	.043	.254	-.203
290	1413	.076	.097	.462	-.454	290	1918	-.502	.117	-.143	-1.114	300	1140	-.112	.038	.081	-.352
290	1414	.038	.090	.463	-.188	290	1919	-.492	.121	-.095	-1.034	300	1141	-.110	.036	.037	-.236
290	1415	-.088	.064	.278	-.254	290	1920	-.387	.106	-.070	-.914	300	1142	-.112	.036	.064	-.273
290	1416	-.183	.059	.092	-.375	290	1921	-.288	.060	-.112	-.626	300	1143	-.086	.069	.311	-.223
290	1417	-.004	.074	.340	-.316	290	1922	-.412	.096	-.137	-.886	300	1144	-.133	.047	.112	-.354
290	1418	.001	.068	.360	-.418	290	1923	-.301	.107	.104	-.712	300	1145	-.063	.051	.214	-.177
290	1419	-.032	.050	.329	-.171	290	1924	-.037	.040	.181	-.139	300	1146	-.103	.040	.199	-.251
290	1420	-.135	.049	.109	-.335	290	1925	-.039	.083	.518	-.116	300	1147	-.104	.033	.070	-.188
290	1421	-.229	.055	-.012	-.483	290	1926	-.365	.079	-.157	-.864	300	1201	-.322	.049	-.119	-.557
290	1422	-.066	.047	.172	-.231	290	1927	-.219	.091	.037	-.676	300	1202	-.364	.066	-.134	-.634
290	1423	-.058	.042	.180	-.235	290	1928	-.195	.054	.132	-.381	300	1203	-.511	.106	-.216	-.885
290	1424	-.049	.035	.220	-.139	300	1101	-.232	.137	.331	-.754	300	1204	-.338	.127	-.031	-1.392
290	1425	-.081	.032	.076	-.170	300	1102	-.193	.139	.371	-.857	300	1205	-.333	.122	.043	-1.027
290	1426	-.173	.043	.036	-.347	300	1103	-.146	.131	.469	-.656	300	1206	-.344	.138	.007	-1.320
290	1427	-.061	.039	.188	-.169	300	1104	-.062	.121	.432	-.430	300	1207	-.368	.115	-.063	-.995
290	1428	-.039	.046	.213	-.159	300	1105	-.011	.135	.654	-.390	300	1208	-.367	.120	-.094	-1.353
290	1429	-.006	.058	.325	-.141	300	1106	.120	.177	.770	-.852	300	1209	-.340	.104	-.087	-1.019
290	1430	.022	.071	.459	-.127	300	1107	.152	.212	.748	-.752	300	1210	-.327	.093	-.036	-.894
290	1431	.034	.079	.418	-.113	300	1108	-.256	.100	.305	-.683	300	1211	-.349	.116	.022	-.981
290	1432	-.110	.036	.001	-.314	300	1109	-.198	.104	.255	-.589	300	1212	-.363	.097	-.061	-.999
290	1433	-.101	.027	-.017	-.227	300	1110	-.098	.107	.418	-.530	300	1213	-.353	.086	-.075	-.833

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1214	-.331	.080	.041	-1.019	300	1319	-.328	.072	-.149	-.851	300	1406	.046	.230	.872	-.987
300	1215	-.329	.073	-.141	-.828	300	1320	-.341	.069	-.154	-1.000	300	1407	.010	.203	.678	-.680
300	1216	-.316	.061	-.128	-.855	300	1321	-.347	.051	-.210	-.543	300	1408	.058	.145	.612	-.661
300	1217	-.318	.057	-.157	-.654	300	1322	-.360	.055	-.200	-.657	300	1409	-.005	.092	.411	-.224
300	1218	-.321	.057	-.131	-.850	300	1323	-.334	.045	-.185	-.542	300	1410	-.135	.062	.170	-.336
300	1219	-.331	.062	-.143	-.952	300	1324	-.344	.043	-.219	-.525	300	1411	-.211	.055	.073	-.399
300	1220	-.326	.056	-.184	-.661	300	1325	-.330	.042	-.216	-.517	300	1412	-.030	.145	.567	-.826
300	1221	-.307	.047	-.165	-.577	300	1326	-.328	.039	-.211	-.525	300	1413	.001	.105	.476	-.531
300	1222	-.305	.040	-.186	-.461	300	1327	-.332	.043	-.191	-.555	300	1414	-.049	.067	.317	-.328
300	1223	-.304	.037	-.186	-.496	300	1328	-.309	.047	-.158	-.629	300	1415	-.158	.044	.076	-.303
300	1224	-.289	.058	.203	-.552	300	1329	-.412	.077	-.229	-.738	300	1416	-.224	.046	.055	-.394
300	1225	-.309	.050	-.133	-.639	300	1330	-.427	.075	-.252	-.728	300	1417	-.058	.093	.274	-.601
300	1226	-.360	.063	-.211	-.785	300	1331	-.326	.043	-.209	-.497	300	1418	-.047	.066	.381	-.517
300	1227	-.339	.041	-.248	-.548	300	1332	-.363	.050	-.219	-.576	300	1419	-.083	.042	.101	-.194
300	1228	-.330	.057	-.189	-.808	300	1333	-.309	.043	-.178	-.482	300	1420	-.175	.040	.053	-.397
300	1229	-.226	.077	.232	-.453	300	1334	-.313	.048	-.112	-.535	300	1421	-.249	.047	-.092	-.469
300	1230	-.236	.061	.029	-.596	300	1335	-.254	.061	.009	-.449	300	1422	-.094	.044	.125	-.356
300	1231	-.346	.067	-.145	-.758	300	1336	-.304	.042	-.171	-.482	300	1423	-.086	.038	.090	-.273
300	1232	-.427	.087	-.170	-.851	300	1337	-.509	.134	-.254	-1.378	300	1424	-.086	.028	.045	-.171
300	1233	-.524	.153	-.217	-1.645	300	1338	-.469	.099	-.254	-.910	300	1425	-.128	.027	-.013	-.200
300	1234	-.143	.088	.513	-.424	300	1339	-.316	.041	-.206	-.469	300	1426	-.208	.042	-.037	-.378
300	1235	-.203	.050	.099	-.407	300	1340	-.323	.045	-.133	-.510	300	1427	-.088	.031	.047	-.201
300	1236	-.217	.054	.082	-.448	300	1341	-.309	.042	-.178	-.490	300	1428	-.074	.037	.158	-.197
300	1237	-.193	.032	-.073	-.349	300	1342	-.302	.028	-.219	-.401	300	1429	-.059	.041	.254	-.188
300	1238	-.211	.025	-.129	-.288	300	1343	-.315	.038	-.168	-.474	300	1430	-.036	.057	.305	-.147
300	1239	-.195	.024	-.096	-.281	300	1344	-.301	.040	-.191	-.447	300	1431	-.026	.067	.434	-.138
300	1240	-.198	.022	-.125	-.277	300	1345	-.503	.136	-.244	-1.373	300	1432	-.116	.034	-.017	-.383
300	1241	-.331	.045	-.210	-.519	300	1346	-.374	.056	-.227	-.634	300	1433	-.109	.026	-.030	-.238
300	1242	-.337	.044	-.210	-.552	300	1347	-.276	.026	-.204	-.388	300	1434	-.108	.020	-.017	-.213
300	1243	-.372	.068	-.198	-.684	300	1348	-.286	.035	-.160	-.433	300	1435	-.103	.024	-.015	-.224
300	1244	-.357	.058	-.220	-.613	300	1349	-.293	.037	-.184	-.457	300	1436	-.105	.020	-.006	-.171
300	1245	-.289	.037	-.182	-.425	300	1350	-.270	.036	-.144	-.414	300	1437	-.101	.021	-.021	-.207
300	1301	-.330	.052	-.147	-.634	300	1351	-.310	.036	-.215	-.436	300	1438	-.299	.097	.103	-.753
300	1302	-.341	.051	-.172	-.564	300	1352	-.321	.044	-.201	-.548	300	1439	-.303	.089	.031	-.770
300	1303	-.367	.080	-.147	-.758	300	1353	-.279	.036	-.182	-.428	300	1440	-.331	.063	-.174	-.671
300	1304	-.424	.101	-.132	-.849	300	1354	-.279	.036	-.170	-.424	300	1441	-.344	.052	-.213	-.613
300	1305	-.376	.114	.020	-1.127	300	1355	-.265	.035	-.122	-.392	300	1442	-.345	.057	-.140	-.718
300	1306	-.339	.104	-.076	-.937	300	1356	-.246	.034	-.122	-.378	300	1443	-.303	.041	-.201	-.533
300	1307	-.340	.105	-.076	-.887	300	1357	-.286	.035	-.187	-.419	300	1444	-.306	.037	-.204	-.458
300	1308	-.346	.055	-.157	-.614	300	1358	-.295	.039	-.168	-.464	300	1445	-.297	.039	-.155	-.512
300	1309	-.342	.061	-.132	-.715	300	1359	-.255	.040	-.117	-.397	300	1901	-.114	.025	-.027	-.224
300	1310	-.352	.076	-.107	-.670	300	1360	-.277	.041	-.137	-.428	300	1902	-.115	.032	.048	-.460
300	1311	-.337	.075	-.112	-.695	300	1361	-.255	.037	-.141	-.383	300	1903	-.134	.045	-.006	-.395
300	1312	-.340	.087	-.041	-.733	300	1362	-.313	.041	-.204	-.505	300	1904	-.151	.054	-.023	-.435
300	1313	-.334	.046	-.162	-.493	300	1363	-.308	.041	-.194	-.474	300	1905	-.216	.060	-.053	-.711
300	1314	-.346	.048	-.187	-.569	300	1401	.037	.166	.627	-.709	300	1906	-.245	.055	.029	-.448
300	1315	-.331	.042	-.202	-.488	300	1402	.003	.128	.633	-.343	300	1907	-.092	.041	.186	-.190
300	1316	-.337	.051	-.200	-.690	300	1403	-.039	.110	.468	-.357	300	1908	-.057	.060	.393	-.171
300	1317	-.329	.056	-.149	-.614	300	1404	-.110	.068	.149	-.298	300	1909	-.103	.067	.387	-.234
300	1318	-.331	.057	-.170	-.614	300	1405	-.175	.060	.083	-.369	300	1910	-.065	.095	.548	-.222

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	1911	-.100	.038	.236	-.207
300	1912	-.059	.061	.504	-.203
300	1913	-.136	.044	.146	-.253
300	1914	-.053	.090	.406	-.215
300	1915	-.095	.028	.069	-.197
300	1916	-.073	.038	.212	-.176
300	1917	-.378	.177	.075	-1.165
300	1918	-.540	.131	-.111	-1.016
300	1919	-.502	.127	.042	-1.140
300	1920	-.414	.152	.123	-1.240
300	1921	-.282	.057	-.077	-.667
300	1922	-.420	.104	-.136	-.980
300	1923	-.366	.129	.058	-.892
300	1924	-.063	.040	.232	-.148
300	1925	-.023	.076	.414	-.148
300	1926	-.362	.076	-.080	-.766
300	1927	-.282	.135	.153	-1.116
300	1928	-.182	.068	.249	-.379
310	1101	-.279	.091	.074	-.661
310	1102	-.242	.097	.189	-.650
310	1103	-.198	.098	.281	-.635
310	1104	-.101	.110	.487	-.552
310	1105	-.001	.136	.719	-.381
310	1106	.133	.172	.935	-.263
310	1107	.175	.196	.835	-.456
310	1108	-.272	.080	.126	-.698
310	1109	-.216	.083	.233	-.600
310	1110	-.137	.089	.316	-.517
310	1111	-.028	.097	.406	-.432
310	1112	.090	.139	.550	-.241
310	1113	.162	.171	.791	-.233
310	1114	.172	.183	1.150	-.491
310	1115	-.244	.066	.122	-.607
310	1116	-.192	.069	.172	-.469
310	1117	-.125	.070	.244	-.445
310	1118	-.066	.070	.283	-.390
310	1119	.012	.097	.410	-.228
310	1120	.061	.121	.642	-.285
310	1121	-.035	.122	.664	-.580
310	1122	-.245	.064	.006	-.532
310	1123	-.191	.058	.135	-.508
310	1124	-.130	.053	.174	-.362
310	1125	-.082	.059	.279	-.287
310	1126	-.050	.060	.229	-.252
310	1127	-.035	.070	.334	-.281
310	1128	-.031	.076	.421	-.314
310	1129	-.242	.051	.018	-.454
310	1130	-.197	.046	.051	-.395
310	1131	-.140	.041	.091	-.297
310	1132	-.090	.045	.158	-.259

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	1133	-.065	.052	.272	-.262
310	1134	-.058	.056	.255	-.301
310	1135	-.062	.059	.268	-.348
310	1136	-.301	.080	.005	-.697
310	1137	-.228	.054	-.038	-.419
310	1138	-.129	.043	.117	-.369
310	1139	-.074	.044	.156	-.183
310	1140	-.054	.057	.259	-.198
310	1141	-.048	.064	.353	-.205
310	1142	-.052	.057	.294	-.187
310	1143	-.086	.050	.213	-.233
310	1144	-.114	.047	.084	-.297
310	1145	-.045	.050	.163	-.172
310	1146	-.054	.046	.193	-.196
310	1147	-.056	.046	.172	-.181
310	1201	-.318	.050	-.166	-.645
310	1202	-.344	.059	-.129	-.620
310	1203	-.479	.090	-.222	-.914
310	1204	-.364	.111	-.093	-1.104
310	1205	-.352	.100	-.041	-.924
310	1206	-.357	.107	-.010	-1.194
310	1207	-.366	.097	-.141	-1.191
310	1208	-.362	.090	-.030	-1.224
310	1209	-.361	.092	-.075	-.890
310	1210	-.355	.093	-.092	-.840
310	1211	-.347	.082	-.029	-.883
310	1212	-.353	.078	-.028	-.984
310	1213	-.354	.074	-.165	-.863
310	1214	-.362	.096	-.149	-.885
310	1215	-.356	.085	-.118	-.733
310	1216	-.347	.087	-.089	-1.035
310	1217	-.348	.081	-.137	-.859
310	1218	-.343	.075	-.095	-1.060
310	1219	-.329	.076	-.130	-1.033
310	1220	-.329	.069	-.137	-.794
310	1221	-.362	.091	-.120	-.838
310	1222	-.340	.077	-.167	-.850
310	1223	-.334	.068	-.167	-.908
310	1224	-.232	.072	.188	-.593
310	1225	-.266	.062	.085	-.550
310	1226	-.377	.093	-.082	-.946
310	1227	-.353	.051	-.237	-.674
310	1228	-.343	.071	-.163	-.813
310	1229	-.207	.080	.229	-.550
310	1230	-.207	.070	.063	-.504
310	1231	-.314	.079	-.067	-.690
310	1232	-.415	.098	-.138	-.933
310	1233	-.505	.151	-.156	-1.283
310	1234	-.159	.070	.357	-.391
310	1235	-.196	.062	.128	-.429

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	1236	-.211	.056	.051	-.470
310	1237	-.193	.037	-.069	-.374
310	1238	-.218	.031	-.119	-.419
310	1239	-.197	.027	-.067	-.289
310	1240	-.202	.026	-.088	-.293
310	1241	-.314	.042	-.196	-.483
310	1242	-.319	.039	-.178	-.458
310	1243	-.323	.042	-.209	-.511
310	1244	-.334	.047	-.217	-.607
310	1245	-.307	.033	-.217	-.445
310	1301	-.306	.047	-.166	-.500
310	1302	-.321	.049	-.168	-.543
310	1303	-.340	.068	-.141	-.686
310	1304	-.387	.091	-.136	-.966
310	1305	-.355	.101	-.048	-.852
310	1306	-.352	.092	-.098	-.913
310	1307	-.345	.092	-.095	-.872
310	1308	-.315	.048	-.151	-.528
310	1309	-.316	.049	-.158	-.535
310	1310	-.327	.064	-.151	-.739
310	1311	-.327	.066	-.078	-.644
310	1312	-.329	.076	-.063	-.651
310	1313	-.307	.041	-.178	-.480
310	1314	-.320	.044	-.193	-.503
310	1315	-.307	.039	-.191	-.475
310	1316	-.315	.043	-.191	-.520
310	1317	-.314	.050	-.136	-.837
310	1318	-.313	.049	-.146	-.535
310	1319	-.333	.072	-.151	-.857
310	1320	-.336	.066	-.158	-.684
310	1321	-.312	.038	-.183	-.465
310	1322	-.318	.038	-.216	-.480
310	1323	-.313	.036	-.201	-.468
310	1324	-.310	.033	-.210	-.427
310	1325	-.308	.032	-.225	-.424
310	1326	-.310	.033	-.218	-.445
310	1327	-.306	.034	-.215	-.518
310	1328	-.321	.048	-.192	-.573
310	1329	-.324	.045	-.200	-.634
310	1330	-.338	.057	-.210	-.699
310	1331	-.303	.032	-.215	-.442
310	1332	-.309	.033	-.225	-.440
310	1333	-.309	.033	-.213	-.465
310	1334	-.310	.033	-.220	-.432
310	1335	-.300	.032	-.165	-.485
310	1336	-.315	.041	-.154	-.493
310	1337	-.376	.080	-.238	-.934
310	1338	-.361	.064	-.223	-.717
310	1339	-.301	.031	-.213	-.422
310	1340	-.306	.036	-.200	-.528

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	1341	-.318	.035	-.223	-.513	310	1428	-.093	.047	.129	-.384	320	1105	.024	.142	.538	-.522
310	1342	-.303	.025	-.238	-.397	310	1429	-.066	.046	.149	-.200	320	1106	.216	.200	.926	-.294
310	1343	-.308	.031	-.215	-.457	310	1430	-.042	.053	.286	-.181	320	1107	.268	.221	1.227	-.496
310	1344	-.325	.046	-.218	-.654	310	1431	-.026	.063	.312	-.162	320	1108	-.302	.110	.268	-.829
310	1345	-.364	.072	-.188	-.751	310	1432	-.135	.029	-.032	-.293	320	1109	-.252	.112	.419	-.687
310	1346	-.337	.040	-.231	-.489	310	1433	-.113	.029	.001	-.276	320	1110	-.201	.119	.395	-.584
310	1347	-.289	.022	-.224	-.362	310	1434	-.128	.022	-.047	-.214	320	1111	-.085	.130	.393	-.781
310	1348	-.286	.028	-.179	-.389	310	1435	-.102	.029	.023	-.225	320	1112	.108	.139	.647	-.437
310	1349	-.289	.027	-.215	-.398	310	1436	-.125	.022	-.046	-.201	320	1113	.191	.186	.959	-.237
310	1350	-.271	.030	-.165	-.393	310	1437	-.109	.023	-.027	-.191	320	1114	.207	.198	.880	-.300
310	1351	-.314	.033	-.229	-.439	310	1438	-.323	.032	.190	-.737	320	1115	-.253	.118	.325	-.752
310	1352	-.331	.044	-.215	-.494	310	1439	-.326	.082	-.039	-.776	320	1116	-.189	.110	.316	-.608
310	1353	-.292	.029	-.210	-.422	310	1440	-.334	.061	-.167	-.679	320	1117	-.133	.109	.303	-.568
310	1354	-.287	.028	-.191	-.408	310	1441	-.322	.039	-.223	-.493	320	1118	-.080	.105	.351	-.524
310	1355	-.291	.030	-.193	-.429	310	1442	-.325	.040	-.221	-.539	320	1119	.040	.122	.588	-.399
310	1356	-.275	.030	-.184	-.396	310	1443	-.314	.037	-.219	-.466	320	1120	.083	.147	.713	-.322
310	1357	-.295	.029	-.203	-.432	310	1444	-.317	.035	-.209	-.452	320	1121	.051	.148	.799	-.434
310	1358	-.308	.033	-.207	-.443	310	1445	-.314	.034	-.219	-.466	320	1122	-.245	.097	.217	-.788
310	1359	-.287	.040	-.153	-.441	310	1901	-.113	.029	.107	-.197	320	1123	-.176	.093	.272	-.568
310	1360	-.302	.030	-.212	-.415	310	1902	-.089	.044	.126	-.277	320	1124	-.125	.079	.283	-.379
310	1361	-.291	.028	-.205	-.405	310	1903	-.089	.047	.149	-.266	320	1125	-.071	.083	.294	-.426
310	1362	-.312	.036	-.226	-.513	310	1904	-.117	.065	.143	-.520	320	1126	-.004	.104	.468	-.355
310	1363	-.316	.035	-.215	-.482	310	1905	-.189	.066	.038	-.732	320	1127	.013	.120	.533	-.353
310	1401	.007	.177	.604	-.771	310	1906	-.236	.066	.027	-.663	320	1128	-.008	.120	.575	-.345
310	1402	-.030	.108	.394	-.519	310	1907	-.062	.044	.166	-.189	320	1129	-.231	.060	.182	-.541
310	1403	-.058	.091	.306	-.308	310	1908	-.042	.057	.275	-.164	320	1130	-.191	.061	.194	-.411
310	1404	-.127	.054	.110	-.271	310	1909	-.115	.052	.271	-.283	320	1131	-.127	.062	.175	-.358
310	1405	-.193	.048	.009	-.355	310	1910	-.081	.067	.346	-.248	320	1132	-.074	.062	.266	-.273
310	1406	.014	.238	.637	-1.440	310	1911	-.048	.056	.279	-.199	320	1133	-.016	.079	.340	-.295
310	1407	-.024	.221	.705	-.970	310	1912	-.033	.058	.319	-.187	320	1134	.015	.109	.567	-.314
310	1408	-.003	.155	.554	-.908	310	1913	-.126	.041	.057	-.287	320	1135	-.012	.112	.668	-.350
310	1409	-.025	.084	.352	-.297	310	1914	-.062	.070	.350	-.256	320	1136	-.269	.089	.020	-.814
310	1410	-.150	.053	.118	-.330	310	1915	-.104	.033	.050	-.227	320	1137	-.206	.068	.107	-.479
310	1411	-.221	.041	-.024	-.370	310	1916	-.088	.049	.153	-.407	320	1138	-.122	.059	.138	-.347
310	1412	-.072	.165	.519	-.887	310	1917	-.487	.174	-.053	-1.162	320	1139	-.049	.057	.235	-.211
310	1413	-.055	.113	.390	-.676	310	1918	-.506	.108	-.210	-.963	320	1140	-.049	.071	.266	-.277
310	1414	-.073	.068	.261	-.248	310	1919	-.466	.119	.063	-1.007	320	1141	-.039	.079	.417	-.266
310	1415	-.174	.036	.004	-.289	310	1920	-.402	.123	.019	-.959	320	1142	-.030	.081	.393	-.295
310	1416	-.235	.037	.065	-.391	310	1921	-.255	.056	.021	-.510	320	1143	-.045	.075	.367	-.262
310	1417	-.111	.108	.316	-.670	310	1922	-.398	.092	-.078	-.797	320	1144	-.116	.059	.138	-.330
310	1418	-.097	.082	.254	-.829	310	1923	-.363	.130	.105	-.682	320	1145	.001	.078	.329	-.176
310	1419	-.113	.049	.146	-.312	310	1924	-.064	.047	.155	-.176	320	1146	-.011	.073	.345	-.235
310	1420	-.192	.037	-.042	-.345	310	1925	-.050	.057	.317	-.176	320	1147	-.026	.073	.338	-.284
310	1421	-.246	.034	-.114	-.400	310	1926	-.364	.079	-.092	-.797	320	1201	-.316	.055	-.147	-.624
310	1422	-.149	.065	.057	-.599	310	1927	-.308	.121	.107	-.918	320	1202	-.342	.066	-.142	-.622
310	1423	-.126	.057	.053	-.554	310	1928	-.191	.065	.302	-.401	320	1203	-.472	.097	-.216	-1.165
310	1424	-.109	.035	.045	-.232	320	1101	-.323	.103	.193	-.812	320	1204	-.378	.109	-.135	-1.057
310	1425	-.148	.026	-.039	-.236	320	1102	-.297	.096	.088	-.880	320	1205	-.371	.104	-.099	-1.047
310	1426	-.218	.038	-.037	-.374	320	1103	-.280	.096	.123	-.643	320	1206	-.390	.121	-.087	-.993
310	1427	-.105	.061	.086	-.550	320	1104	-.179	.117	.299	-.700	320	1207	-.423	.116	-.053	-1.136

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	1208	-.424	.129	-.106	-1.654	320	1313	-.312	.039	-.185	-.511	320	1363	-.312	.028	-.231	-.423
320	1209	-.366	.090	-.158	-.954	320	1314	-.317	.039	-.206	-.496	320	1401	-.197	.222	.506	-1.238
320	1210	-.367	.080	-.058	-.748	320	1315	-.312	.041	-.169	-.471	320	1402	-.115	.097	.261	-.694
320	1211	-.389	.103	.097	-1.083	320	1316	-.311	.042	-.174	-.514	320	1403	-.116	.067	.147	-.322
320	1212	-.416	.108	-.044	-1.061	320	1317	-.320	.053	-.147	-.610	320	1404	-.169	.042	.024	-.310
320	1213	-.419	.106	-.119	-1.252	320	1318	-.316	.050	-.157	-.539	320	1405	-.220	.042	-.073	-.379
320	1214	-.370	.102	-.109	-1.001	320	1319	-.350	.069	-.195	-.909	320	1406	-.230	.300	.622	-1.628
320	1215	-.365	.094	-.053	-1.137	320	1320	-.348	.064	-.167	-.742	320	1407	-.272	.251	.396	-1.248
320	1216	-.393	.126	-.039	-1.091	320	1321	-.304	.035	-.200	-.463	320	1408	-.163	.203	.325	-1.063
320	1217	-.426	.134	-.044	-1.518	320	1322	-.314	.034	-.212	-.486	320	1409	-.111	.069	.218	-.354
320	1218	-.427	.138	-.104	-1.314	320	1323	-.302	.029	-.205	-.429	320	1410	-.194	.048	.021	-.351
320	1219	-.343	.085	-.061	-.869	320	1324	-.308	.028	-.234	-.422	320	1411	-.252	.037	-.040	-.377
320	1220	-.343	.081	-.068	-.833	320	1325	-.310	.028	-.201	-.422	320	1412	-.324	.189	.311	-1.134
320	1221	-.374	.113	-.048	-.946	320	1326	-.311	.027	-.224	-.417	320	1413	-.233	.171	.296	-1.061
320	1222	-.381	.118	-.077	-1.202	320	1327	-.325	.029	-.183	-.594	320	1414	-.166	.061	.151	-.458
320	1223	-.374	.104	-.108	-1.287	320	1328	-.339	.051	-.196	-.617	320	1415	-.220	.034	-.055	-.336
320	1224	-.225	.079	.202	-.580	320	1329	-.320	.038	-.211	-.528	320	1416	-.259	.033	-.111	-.369
320	1225	-.251	.069	.156	-.461	320	1330	-.326	.036	-.226	-.485	320	1417	-.298	.150	.253	-1.325
320	1226	-.352	.090	.041	-.789	320	1331	-.297	.028	-.203	-.407	320	1418	-.232	.129	.089	-.916
320	1227	-.333	.045	-.202	-.524	320	1332	-.304	.028	-.208	-.404	320	1419	-.187	.045	-.045	-.448
320	1228	-.342	.077	-.007	-.868	320	1333	-.311	.027	-.234	-.412	320	1420	-.235	.032	-.111	-.372
320	1229	-.214	.088	.258	-.578	320	1334	-.301	.027	-.201	-.414	320	1421	-.271	.031	-.160	-.401
320	1230	-.212	.073	.058	-.454	320	1335	-.315	.031	-.206	-.465	320	1422	-.225	.108	.132	-.920
320	1231	-.309	.089	.073	-.692	320	1336	-.329	.045	-.191	-.566	320	1423	-.168	.094	.157	-.669
320	1232	-.404	.111	-.057	-.885	320	1337	-.357	.054	-.214	-.851	320	1424	-.124	.050	.079	-.287
320	1233	-.492	.162	-.050	-1.254	320	1338	-.333	.043	-.219	-.592	320	1425	-.169	.034	-.061	-.321
320	1234	-.162	.089	.292	-.474	320	1339	-.297	.028	-.214	-.419	320	1426	-.235	.043	-.049	-.444
320	1235	-.194	.076	.129	-.491	320	1340	-.304	.027	-.203	-.427	320	1427	-.095	.112	.413	-.698
320	1236	-.199	.066	.160	-.495	320	1341	-.300	.029	-.186	-.432	320	1428	-.068	.087	.307	-.476
320	1237	-.182	.044	.008	-.374	320	1342	-.297	.018	-.252	-.371	320	1429	-.036	.084	.354	-.271
320	1238	-.207	.033	-.092	-.339	320	1343	-.301	.029	-.219	-.419	320	1430	-.017	.087	.441	-.201
320	1239	-.190	.032	-.054	-.299	320	1344	-.316	.042	-.198	-.541	320	1431	.007	.100	.494	-.225
320	1240	-.199	.028	-.075	-.291	320	1345	-.360	.054	-.245	-.687	320	1432	-.170	.035	-.042	-.337
320	1241	-.312	.038	-.198	-.507	320	1346	-.331	.032	-.248	-.474	320	1433	-.141	.039	.002	-.418
320	1242	-.310	.032	-.203	-.434	320	1347	-.303	.020	-.248	-.370	320	1434	-.151	.025	-.059	-.289
320	1243	-.314	.034	-.218	-.446	320	1348	-.302	.025	-.233	-.401	320	1435	-.131	.033	-.051	-.296
320	1244	-.314	.035	-.221	-.462	320	1349	-.299	.026	-.190	-.404	320	1436	-.144	.026	-.046	-.241
320	1245	-.302	.028	-.203	-.434	320	1350	-.300	.029	-.207	-.421	320	1437	-.133	.026	-.021	-.235
320	1301	-.306	.044	-.154	-.496	320	1351	-.305	.023	-.219	-.423	320	1438	-.315	.094	.084	-.743
320	1302	-.319	.045	-.195	-.514	320	1352	-.317	.042	-.144	-.469	320	1439	-.328	.080	-.032	-.743
320	1303	-.361	.084	-.096	-.777	320	1353	-.305	.027	-.212	-.423	320	1440	-.328	.053	-.184	-.637
320	1304	-.394	.094	-.149	-.848	320	1354	-.303	.026	-.183	-.401	320	1441	-.318	.033	-.221	-.455
320	1305	-.367	.108	-.058	-.896	320	1355	-.307	.026	-.216	-.397	320	1442	-.313	.028	-.229	-.416
320	1306	-.370	.091	-.099	-.990	320	1356	-.301	.028	-.209	-.401	320	1443	-.306	.030	-.197	-.414
320	1307	-.359	.089	-.071	-.772	320	1357	-.305	.028	-.219	-.428	320	1444	-.308	.029	-.212	-.411
320	1308	-.324	.055	-.116	-.612	320	1358	-.315	.031	-.224	-.442	320	1445	-.308	.030	-.221	-.428
320	1309	-.327	.061	-.119	-.628	320	1359	-.301	.027	-.147	-.428	320	1901	-.122	.046	.141	-.300
320	1310	-.337	.076	-.096	-.802	320	1360	-.301	.027	-.173	-.406	320	1902	-.100	.068	.167	-.382
320	1311	-.337	.076	-.109	-.711	320	1361	-.311	.027	-.212	-.437	320	1903	-.099	.089	.301	-.750
320	1312	-.337	.087	-.023	-.731	320	1362	-.310	.027	-.212	-.435	320	1904	-.153	.103	.228	-.683

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	1905	-.192	.080	.072	-1.142	330	1127	.062	.179	.816	-.486	330	1230	-.222	.068	.051	-.443
320	1906	-.221	.065	-.002	-.729	330	1128	.050	.190	.702	-.502	330	1231	-.285	.082	.068	-.608
320	1907	-.024	.071	.339	-.201	330	1129	-.216	.080	.222	-.601	330	1232	-.386	.106	-.082	-.877
320	1908	.020	.089	.421	-.157	330	1130	-.179	.078	.259	-.462	330	1233	-.476	.158	-.088	-1.185
320	1909	-.092	.067	.257	-.338	330	1131	-.126	.070	.361	-.418	330	1234	-.161	.083	.291	-.559
320	1910	-.048	.083	.413	-.281	330	1132	-.094	.067	.303	-.357	330	1235	-.194	.070	.075	-.455
320	1911	-.013	.081	.438	-.267	330	1133	-.049	.092	.504	-.453	330	1236	-.196	.066	.230	-.474
320	1912	.030	.091	.518	-.176	330	1134	-.035	.119	.651	-.442	330	1237	-.189	.038	-.039	-.344
320	1913	-.115	.060	.150	-.363	330	1135	-.059	.121	.523	-.394	330	1238	-.215	.031	-.113	-.390
320	1914	-.016	.104	.524	-.275	330	1136	-.259	.092	.163	-.610	330	1239	-.204	.028	-.101	-.326
320	1915	-.108	.048	.110	-.256	330	1137	-.185	.067	.116	-.445	330	1240	-.212	.025	-.107	-.299
320	1916	-.058	.093	.352	-.479	330	1138	-.109	.059	.165	-.302	330	1241	-.324	.044	-.195	-.490
320	1917	-.345	.155	-.092	-1.173	330	1139	-.061	.060	.266	-.262	330	1242	-.315	.031	-.225	-.443
320	1918	-.492	.121	-.189	-1.060	330	1140	-.092	.061	.211	-.381	330	1243	-.319	.033	-.213	-.463
320	1919	-.478	.138	-.048	-1.205	330	1141	-.093	.059	.218	-.328	330	1244	-.330	.036	-.233	-.498
320	1920	-.404	.122	-.010	-1.053	330	1142	-.094	.064	.385	-.414	330	1245	-.310	.030	-.233	-.435
320	1921	-.268	.075	-.006	-.607	330	1143	-.034	.077	.365	-.271	330	1301	-.314	.055	-.132	-.538
320	1922	-.397	.102	-.141	-1.129	330	1144	-.110	.062	.165	-.337	330	1302	-.329	.053	-.117	-.569
320	1923	-.373	.137	.134	-.832	330	1145	-.027	.074	.400	-.229	330	1303	-.384	.111	-.061	-.927
320	1924	-.032	.077	.358	-.256	330	1146	-.050	.066	.281	-.247	330	1304	-.392	.098	-.124	-.892
320	1925	-.009	.092	.606	-.222	330	1147	-.060	.066	.275	-.418	330	1305	-.381	.095	-.074	-.867
320	1926	-.325	.093	.003	-.706	330	1201	-.329	.064	-.102	-.672	330	1306	-.356	.064	-.175	-.725
320	1927	-.322	.107	-.029	-.820	330	1202	-.369	.091	-.052	-.879	330	1307	-.349	.074	-.152	-.756
320	1928	-.198	.079	.131	-.477	330	1203	-.488	.114	-.181	-1.010	330	1308	-.342	.072	-.134	-.617
330	1101	-.320	.150	.482	-.915	330	1204	-.343	.079	-.124	-.781	330	1309	-.343	.074	-.101	-.728
330	1102	-.294	.127	.392	-.732	330	1205	-.345	.092	-.118	-1.058	330	1310	-.355	.082	-.033	-.786
330	1103	-.310	.110	.236	-.838	330	1206	-.367	.117	-.005	-1.063	330	1311	-.355	.079	-.122	-.799
330	1104	-.289	.126	.173	-.919	330	1207	-.463	.156	.042	-1.602	330	1312	-.346	.075	-.061	-.708
330	1105	-.066	.156	.410	-.671	330	1208	-.515	.185	.031	-1.870	330	1313	-.322	.048	-.182	-.531
330	1106	.236	.206	.871	-.684	330	1209	-.339	.070	-.126	-.767	330	1314	-.327	.045	-.152	-.521
330	1107	.298	.233	1.119	-.752	330	1210	-.337	.073	-.138	-.787	330	1315	-.323	.045	-.167	-.506
330	1108	-.252	.171	.515	-.794	330	1211	-.391	.125	-.048	-.956	330	1316	-.323	.045	-.160	-.576
330	1109	-.208	.161	.698	-.721	330	1212	-.503	.162	-.090	-1.582	330	1317	-.329	.048	-.170	-.546
330	1110	-.167	.141	.438	-.779	330	1213	-.516	.158	-.075	-1.500	330	1318	-.321	.043	-.152	-.513
330	1111	-.156	.154	.326	-.829	330	1214	-.354	.083	-.077	-.966	330	1319	-.347	.050	-.197	-.730
330	1112	.064	.177	.645	-.840	330	1215	-.352	.086	-.106	-.876	330	1320	-.343	.057	-.142	-.715
330	1113	.256	.211	1.038	-.544	330	1216	-.393	.139	.000	-1.458	330	1321	-.311	.036	-.165	-.528
330	1114	.270	.233	1.038	-.695	330	1217	-.507	.190	-.018	-1.826	330	1322	-.329	.037	-.192	-.493
330	1115	-.176	.174	.522	-.748	330	1218	-.506	.173	-.119	-1.549	330	1323	-.309	.032	-.215	-.440
330	1116	-.118	.156	.550	-.730	330	1219	-.340	.075	-.116	-.910	330	1324	-.312	.029	-.222	-.445
330	1117	-.065	.127	.559	-.530	330	1220	-.341	.080	-.082	-.838	330	1325	-.315	.030	-.225	-.438
330	1118	-.052	.120	.399	-.739	330	1221	-.363	.124	.007	-1.124	330	1326	-.311	.028	-.222	-.433
330	1119	.051	.165	.634	-.585	330	1222	-.419	.145	-.053	-1.235	330	1327	-.351	.044	-.200	-.615
330	1120	.144	.212	.827	-.537	330	1223	-.431	.131	-.111	-1.140	330	1328	-.348	.050	-.220	-.638
330	1121	.158	.226	.937	-.717	330	1224	-.230	.085	.269	-.457	330	1329	-.330	.036	-.205	-.498
330	1122	-.204	.138	.434	-.842	330	1225	-.262	.071	.177	-.530	330	1330	-.336	.035	-.243	-.491
330	1123	-.136	.121	.524	-.559	330	1226	-.332	.085	.022	-.656	330	1331	-.301	.029	-.202	-.433
330	1124	-.075	.106	.504	-.484	330	1227	-.344	.049	-.215	-.590	330	1332	-.314	.031	-.230	-.453
330	1125	-.049	.094	.408	-.533	330	1228	-.341	.089	-.105	-.950	330	1333	-.318	.030	-.217	-.430
330	1126	.025	.122	.506	-.546	330	1229	-.208	.083	.109	-.574	330	1334	-.303	.027	-.212	-.428

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	1335	-.330	.035	-.232	-.478	330	1422	-.296	.130	.130	-1.729	330	1927	-.333	.089	-.019	-.747
330	1336	-.348	.051	-.225	-.711	330	1423	-.232	.114	.170	-1.006	330	1928	-.182	.071	.066	-.425
330	1337	-.353	.047	-.238	-.633	330	1424	-.180	.061	.081	-.421	340	1101	-.144	.186	.598	-.758
330	1338	-.343	.042	-.235	-.554	330	1425	-.193	.040	-.032	-.344	340	1102	-.133	.176	.541	-.612
330	1339	-.311	.030	-.212	-.443	330	1426	-.246	.041	-.059	-.409	340	1103	-.179	.132	.401	-.620
330	1340	-.314	.028	-.235	-.433	330	1427	-.148	.095	.409	-.919	340	1104	-.220	.097	.187	-.673
330	1341	-.307	.030	-.215	-.412	330	1428	-.136	.086	.249	-.482	340	1105	-.150	.127	.334	-.542
330	1342	-.313	.018	-.263	-.377	330	1429	-.127	.076	.335	-.363	340	1106	.046	.212	.790	-.841
330	1343	-.319	.030	-.245	-.460	330	1430	-.065	.102	.546	-.318	340	1107	.094	.244	.785	-.692
330	1344	-.337	.046	-.197	-.597	330	1431	-.057	.104	.524	-.267	340	1108	-.066	.193	.506	-.821
330	1345	-.359	.053	-.208	-.643	330	1432	-.192	.037	-.078	-.415	340	1109	-.009	.186	.630	-.555
330	1346	-.335	.032	-.251	-.468	330	1433	-.169	.040	-.032	-.480	340	1110	-.010	.146	.643	-.592
330	1347	-.309	.020	-.251	-.380	330	1434	-.173	.028	-.045	-.297	340	1111	-.055	.116	.325	-.570
330	1348	-.307	.027	-.231	-.420	330	1435	-.159	.032	-.023	-.309	340	1112	-.019	.148	.449	-.524
330	1349	-.322	.029	-.234	-.435	330	1436	-.165	.026	-.067	-.292	340	1113	.091	.228	.881	-.697
330	1350	-.317	.029	-.224	-.442	330	1437	-.161	.030	-.046	-.290	340	1114	.086	.249	.892	-.629
330	1351	-.313	.031	-.225	-.442	330	1438	-.337	.077	.047	-.706	340	1115	-.102	.164	.519	-.884
330	1352	-.317	.044	-.136	-.463	330	1439	-.337	.070	-.085	-.709	340	1116	-.023	.161	.591	-.539
330	1353	-.313	.028	-.234	-.449	330	1440	-.333	.047	-.190	-.641	340	1117	.011	.136	.648	-.505
330	1354	-.315	.032	-.208	-.451	330	1441	-.322	.033	-.232	-.447	340	1118	-.026	.104	.379	-.470
330	1355	-.323	.031	-.222	-.442	330	1442	-.321	.029	-.241	-.425	340	1119	-.013	.122	.443	-.446
330	1356	-.315	.027	-.229	-.425	330	1443	-.316	.031	-.227	-.440	340	1120	.020	.165	.702	-.513
330	1357	-.313	.029	-.229	-.432	330	1444	-.316	.030	-.225	-.421	340	1121	.013	.220	.746	-.579
330	1358	-.325	.033	-.236	-.521	330	1445	-.315	.031	-.229	-.435	340	1122	-.215	.112	.307	-.605
330	1359	-.307	.038	-.126	-.442	330	1901	-.162	.043	.083	-.381	340	1123	-.175	.108	.310	-.561
330	1360	-.308	.031	-.172	-.408	330	1902	-.152	.064	.112	-.476	340	1124	-.110	.108	.414	-.419
330	1361	-.320	.030	-.239	-.442	330	1903	-.140	.077	.186	-.631	340	1125	-.094	.073	.279	-.409
330	1362	-.315	.029	-.210	-.435	330	1904	-.159	.090	.150	-.615	340	1126	-.062	.089	.353	-.441
330	1363	-.318	.032	-.210	-.439	330	1905	-.192	.080	.104	-.638	340	1127	-.061	.126	.493	-.450
330	1401	-.355	.228	.209	-1.421	330	1906	-.220	.054	.012	-.440	340	1128	-.081	.145	.472	-.728
330	1402	-.179	.100	.095	-.746	330	1907	-.050	.068	.278	-.313	340	1129	-.259	.046	-.059	-.489
330	1403	-.176	.058	.042	-.475	330	1908	-.010	.082	.474	-.219	340	1130	-.236	.048	.042	-.446
330	1407	-.209	.037	-.086	-.436	330	1909	-.070	.070	.262	-.313	340	1131	-.186	.050	.201	-.387
330	1408	-.250	.038	-.098	-.443	330	1910	-.033	.091	.462	-.254	340	1132	-.141	.047	.079	-.336
330	1404	-.409	.300	.378	-2.147	330	1911	-.048	.073	.485	-.284	340	1133	-.105	.057	.201	-.330
330	1407	-.425	.255	.457	-1.531	330	1912	-.001	.091	.472	-.219	340	1134	-.097	.073	.247	-.354
330	1408	-.262	.240	.317	-1.163	330	1913	-.101	.069	.230	-.334	340	1135	-.113	.083	.315	-.435
330	1409	-.174	.067	.046	-.905	330	1914	-.026	.081	.380	-.269	340	1136	-.230	.062	.032	-.450
330	1410	-.238	.039	-.065	-.428	330	1915	-.155	.049	.163	-.362	340	1137	-.213	.047	-.020	-.391
330	1411	-.280	.036	-.142	-.420	330	1916	-.130	.093	.300	-.810	340	1138	-.162	.050	.039	-.374
330	1412	-.439	.218	.261	-1.446	330	1917	-.605	.171	-.059	-1.556	340	1139	-.111	.043	.072	-.267
330	1413	-.311	.210	.267	-1.044	330	1918	-.496	.138	-.155	-1.200	340	1140	-.118	.048	.131	-.385
330	1414	-.204	.071	-.025	-.623	330	1919	-.463	.135	-.096	-1.143	340	1141	-.119	.048	.112	-.304
330	1415	-.254	.032	-.149	-.448	330	1920	-.422	.116	-.033	-1.049	340	1142	-.127	.046	.166	-.358
330	1416	-.286	.032	-.159	-.448	330	1921	-.241	.071	.015	-.659	340	1143	-.094	.062	.212	-.277
330	1417	-.422	.186	.249	-1.629	330	1922	-.405	.104	-.128	-.834	340	1144	-.148	.056	.079	-.323
330	1418	-.310	.174	.184	-1.094	330	1923	-.382	.115	-.021	-.875	340	1145	-.078	.049	.230	-.240
330	1419	-.219	.062	-.025	-.600	330	1924	-.083	.085	.432	-.366	340	1146	-.096	.046	.149	-.293
330	1420	-.257	.035	-.131	-.461	330	1925	-.052	.110	.506	-.284	340	1147	-.104	.049	.149	-.247
330	1421	-.290	.030	-.174	-.418	330	1926	-.314	.105	-.036	-.791	340	1201	-.304	.073	-.089	-.772

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	1202	-.330	.086	-.018	-.691	340	1307	-.317	.060	-.128	-.724	340	1357	-.281	.026	-.201	-.437
340	1203	-.412	.113	-.114	-1.217	340	1308	-.315	.068	-.087	-.580	340	1358	-.287	.029	-.186	-.405
340	1204	-.313	.063	-.052	-.730	340	1309	-.319	.067	-.102	-.587	340	1359	-.276	.036	-.141	-.398
340	1205	-.322	.069	-.114	-.725	340	1310	-.324	.065	-.123	-.704	340	1360	-.275	.028	-.177	-.381
340	1206	-.365	.094	-.095	-.828	340	1311	-.323	.063	-.105	-.633	340	1361	-.289	.027	-.196	-.391
340	1207	-.497	.147	-.031	-1.237	340	1312	-.328	.062	-.118	-.564	340	1362	-.283	.025	-.194	-.384
340	1208	-.619	.187	-.105	-1.562	340	1313	-.294	.045	-.153	-.493	340	1363	-.277	.034	-.114	-.381
340	1209	-.320	.053	-.097	-.657	340	1314	-.297	.041	-.179	-.465	340	1401	-.368	.195	.129	-1.372
340	1210	-.320	.059	-.109	-.757	340	1315	-.299	.044	-.146	-.519	340	1402	-.253	.118	.026	-1.053
340	1211	-.388	.103	-.104	-.898	340	1316	-.296	.042	-.161	-.455	340	1403	-.227	.075	-.018	-.742
340	1212	-.570	.156	-.094	-1.237	340	1317	-.303	.040	-.158	-.521	340	1404	-.231	.041	-.117	-.526
340	1213	-.631	.169	-.109	-1.385	340	1318	-.300	.035	-.176	-.425	340	1405	-.255	.050	-.074	-.526
340	1214	-.320	.056	-.131	-.660	340	1319	-.319	.041	-.204	-.509	340	1406	-.426	.265	.245	-1.612
340	1215	-.320	.064	-.065	-.694	340	1320	-.317	.048	-.163	-.554	340	1407	-.453	.240	.307	-1.548
340	1216	-.387	.114	-.034	-.932	340	1321	-.295	.034	-.168	-.486	340	1408	-.313	.218	.195	-1.200
340	1217	-.536	.154	-.096	-1.366	340	1322	-.296	.035	-.204	-.496	340	1409	-.221	.087	.002	-.668
340	1218	-.545	.161	-.164	-1.359	340	1323	-.283	.030	-.196	-.400	340	1410	-.246	.044	-.102	-.480
340	1219	-.309	.054	-.124	-.533	340	1324	-.294	.027	-.211	-.395	340	1411	-.267	.039	-.130	-.452
340	1220	-.301	.061	-.085	-.574	340	1325	-.302	.030	-.211	-.418	340	1412	-.448	.196	.169	-1.539
340	1221	-.314	.091	-.003	-.869	340	1326	-.296	.028	-.209	-.435	340	1413	-.341	.190	.193	-1.287
340	1222	-.411	.119	-.105	-1.062	340	1327	-.320	.036	-.209	-.560	340	1414	-.239	.089	.043	-.927
340	1223	-.443	.114	-.187	-.940	340	1328	-.321	.039	-.204	-.606	340	1415	-.254	.038	-.155	-.493
340	1224	-.220	.060	.090	-.411	340	1329	-.306	.035	-.191	-.591	340	1416	-.271	.037	-.140	-.599
340	1225	-.245	.056	.081	-.487	340	1330	-.313	.035	-.209	-.718	340	1417	-.396	.162	.133	-1.562
340	1226	-.284	.058	-.012	-.570	340	1331	-.286	.026	-.201	-.402	340	1418	-.312	.151	.129	-1.233
340	1227	-.312	.028	-.204	-.415	340	1332	-.292	.026	-.219	-.420	340	1419	-.245	.069	-.023	-.693
340	1228	-.312	.052	-.158	-.685	340	1333	-.291	.027	-.208	-.402	340	1420	-.257	.040	-.135	-.485
340	1229	-.236	.059	.010	-.406	340	1334	-.286	.029	-.176	-.382	340	1421	-.271	.033	-.156	-.468
340	1230	-.240	.053	-.027	-.514	340	1335	-.307	.031	-.219	-.474	340	1422	-.272	.105	.069	-.888
340	1231	-.291	.057	-.014	-.553	340	1336	-.325	.048	-.188	-.720	340	1423	-.231	.096	.078	-1.043
340	1232	-.344	.066	-.123	-.636	340	1337	-.340	.047	-.214	-.682	340	1424	-.201	.054	.002	-.473
340	1233	-.405	.102	-.137	-.902	340	1338	-.351	.043	-.204	-.649	340	1425	-.218	.031	-.108	-.327
340	1234	-.197	.055	.079	-.404	340	1339	-.283	.028	-.196	-.384	340	1426	-.252	.037	-.144	-.442
340	1235	-.224	.047	-.041	-.443	340	1340	-.289	.025	-.209	-.395	340	1427	-.169	.073	.280	-.617
340	1236	-.217	.049	.030	-.404	340	1341	-.281	.028	-.194	-.387	340	1428	-.159	.067	.175	-.503
340	1237	-.184	.036	-.046	-.295	340	1342	-.290	.019	-.224	-.359	340	1429	-.166	.053	.029	-.404
340	1238	-.219	.030	-.102	-.344	340	1343	-.293	.027	-.214	-.384	340	1430	-.130	.056	.274	-.264
340	1239	-.192	.026	-.082	-.299	340	1344	-.297	.037	-.143	-.446	340	1431	-.120	.056	.307	-.250
340	1240	-.198	.027	-.080	-.301	340	1345	-.337	.047	-.218	-.605	340	1432	-.194	.034	-.069	-.408
340	1241	-.293	.042	-.168	-.461	340	1346	-.314	.029	-.239	-.470	340	1433	-.169	.034	-.022	-.498
340	1242	-.286	.030	-.198	-.416	340	1347	-.281	.019	-.227	-.338	340	1434	-.181	.021	-.100	-.284
340	1243	-.289	.031	-.201	-.418	340	1348	-.285	.026	-.189	-.408	340	1435	-.165	.029	-.019	-.286
340	1244	-.294	.033	-.193	-.476	340	1349	-.290	.025	-.206	-.381	340	1436	-.186	.025	-.079	-.362
340	1245	-.275	.026	-.203	-.375	340	1350	-.292	.027	-.222	-.415	340	1437	-.169	.026	-.063	-.261
340	1301	-.295	.057	-.102	-.638	340	1351	-.279	.027	-.198	-.405	340	1438	-.305	.055	-.084	-.564
340	1302	-.309	.057	-.141	-.651	340	1352	-.269	.039	-.150	-.439	340	1439	-.308	.054	-.120	-.677
340	1303	-.356	.102	-.080	-.851	340	1353	-.279	.027	-.186	-.410	340	1440	-.302	.040	-.159	-.478
340	1304	-.355	.083	-.064	-.712	340	1354	-.283	.027	-.198	-.403	340	1441	-.293	.032	-.162	-.441
340	1305	-.361	.082	-.052	-.912	340	1355	-.285	.027	-.194	-.381	340	1442	-.295	.029	-.201	-.422
340	1306	-.328	.054	-.179	-.623	340	1356	-.292	.027	-.208	-.408	340	1443	-.283	.030	-.196	-.431

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	1444	-.280	.028	-.201	-.380
340	1445	-.278	.028	-.194	-.378
340	1901	-.172	.031	.004	-.284
340	1902	-.158	.047	.027	-.408
340	1903	-.166	.064	.048	-.494
340	1904	-.208	.074	.094	-.538
340	1905	-.260	.063	-.031	-.582
340	1906	-.217	.045	-.052	-.406
340	1907	-.106	.047	.122	-.270
340	1908	-.075	.056	.214	-.240
340	1909	-.126	.064	.159	-.335
340	1910	-.086	.078	.297	-.299
340	1911	-.101	.052	.145	-.280
340	1912	-.074	.058	.233	-.282
340	1913	-.147	.061	.166	-.330
340	1914	-.081	.072	.310	-.318
340	1915	-.165	.039	.032	-.303
340	1916	-.154	.068	.132	-.822
340	1917	-.490	.167	.027	-1.226
340	1918	-.412	.125	-.054	-1.364
340	1919	-.395	.112	-.067	-1.023
340	1920	-.424	.117	.061	-1.308
340	1921	-.268	.051	-.048	-.502
340	1922	-.348	.088	-.079	-.761
340	1923	-.362	.094	-.070	-.868
340	1924	-.119	.060	.274	-.305
340	1925	-.111	.067	.473	-.247
340	1926	-.290	.102	.022	-.722
340	1927	-.311	.090	-.007	-.841
340	1928	-.223	.051	.011	-.397
350	1101	.028	.180	.769	-.572
350	1102	.046	.183	.745	-.486
350	1103	-.027	.165	.664	-.462
350	1104	-.195	.099	.281	-.609
350	1105	-.209	.086	.152	-.506
350	1106	-.166	.136	.354	-.618
350	1107	-.153	.171	.600	-.616
350	1108	.053	.172	.648	-.609
350	1109	.134	.189	.936	-.477
350	1110	.076	.160	.978	-.389
350	1111	-.081	.095	.352	-.422
350	1112	-.110	.096	.297	-.405
350	1113	-.113	.144	.598	-.526
350	1114	-.144	.171	.611	-.633
350	1115	-.014	.141	.589	-.510
350	1116	.071	.157	.703	-.497
350	1117	.060	.139	.670	-.365
350	1118	-.050	.086	.341	-.356
350	1119	-.082	.086	.281	-.407
350	1120	-.112	.127	.580	-.466
350	1121	-.155	.149	.497	-.576
350	1122	-.098	.119	.455	-.460
350	1123	-.040	.122	.426	-.594
350	1124	-.011	.107	.468	-.451
350	1125	-.076	.070	.321	-.337
350	1126	-.103	.066	.215	-.352
350	1127	-.131	.095	.336	-.447
350	1128	-.175	.115	.327	-.610
350	1129	-.164	.075	.324	-.396
350	1130	-.145	.079	.245	-.378
350	1131	-.115	.076	.280	-.336
350	1132	-.126	.054	.155	-.319
350	1133	-.130	.050	.080	-.356
350	1134	-.149	.065	.294	-.376
350	1135	-.181	.067	.119	-.466
350	1136	-.149	.059	.095	-.344
350	1137	-.139	.054	.058	-.306
350	1138	-.115	.031	.159	-.288
350	1139	-.099	.048	.150	-.248
350	1140	-.108	.046	.161	-.314
350	1141	-.113	.043	.111	-.270
350	1142	-.134	.040	.078	-.286
350	1143	-.071	.064	.216	-.233
350	1144	-.082	.065	.371	-.244
350	1145	-.090	.053	.159	-.284
350	1146	-.077	.055	.159	-.244
350	1147	-.070	.056	.153	-.231
350	1201	-.279	.051	-.085	-.518
350	1202	-.286	.072	-.009	-.637
350	1203	-.346	.108	.150	-1.077
350	1204	-.286	.056	-.098	-.570
350	1205	-.298	.064	-.097	-.611
350	1206	-.358	.096	-.065	-.878
350	1207	-.649	.177	-.156	-1.597
350	1208	-.759	.208	-.229	-1.764
350	1209	-.290	.122	.049	-1.136
350	1210	-.298	.058	-.099	-.570
350	1211	-.396	.111	-.048	-.886
350	1212	-.651	.150	-.182	-1.264
350	1213	-.674	.145	-.244	-1.475
350	1214	-.292	.050	-.121	-.553
350	1215	-.299	.061	-.051	-.674
350	1216	-.381	.110	.015	-1.068
350	1217	-.585	.155	-.198	-1.467
350	1218	-.581	.149	-.143	-1.566
350	1219	-.286	.052	-.126	-.519
350	1220	-.280	.061	-.089	-.604
350	1221	-.303	.092	-.032	-.857
350	1222	-.449	.126	-.097	-1.078
350	1223	-.472	.114	-.137	-.962
350	1224	-.149	.074	.311	-.330
350	1225	-.199	.056	.073	-.412
350	1226	-.236	.065	.051	-.534
350	1227	-.287	.043	-.157	-.549
350	1228	-.298	.078	-.089	-.749
350	1229	-.170	.058	.180	-.344
350	1230	-.176	.051	.042	-.352
350	1231	-.212	.047	-.022	-.356
350	1232	-.243	.051	.013	-.497
350	1233	-.268	.075	.015	-.649
350	1234	-.162	.053	.122	-.293
350	1235	-.172	.044	.100	-.325
350	1236	-.166	.044	.015	-.296
350	1237	-.170	.036	-.035	-.287
350	1238	-.199	.033	-.082	-.320
350	1239	-.188	.029	-.070	-.276
350	1240	-.189	.030	-.049	-.295
350	1241	-.275	.032	-.161	-.394
350	1242	-.270	.027	-.189	-.373
350	1243	-.274	.028	-.194	-.401
350	1244	-.277	.027	-.186	-.411
350	1245	-.251	.025	-.156	-.363
350	1301	-.283	.054	-.107	-.886
350	1302	-.295	.054	-.117	-.613
350	1303	-.308	.133	.053	-1.162
350	1304	-.336	.097	-.051	-1.040
350	1305	-.362	.099	-.061	-.782
350	1306	-.302	.057	-.114	-.633
350	1307	-.284	.053	-.084	-.618
350	1308	-.276	.050	-.112	-.539
350	1309	-.286	.054	-.114	-.577
350	1310	-.294	.062	-.109	-.646
350	1311	-.299	.068	-.081	-.633
350	1312	-.302	.068	-.089	-.567
350	1313	-.282	.043	-.162	-.567
350	1314	-.290	.042	-.180	-.565
350	1315	-.279	.033	-.145	-.428
350	1316	-.276	.034	-.147	-.426
350	1317	-.276	.036	-.140	-.413
350	1318	-.273	.033	-.150	-.443
350	1319	-.286	.039	-.162	-.474
350	1320	-.282	.042	-.135	-.529
350	1321	-.285	.042	-.165	-.547
350	1322	-.283	.037	-.170	-.522
350	1323	-.270	.024	-.196	-.361
350	1324	-.270	.024	-.182	-.361
350	1325	-.273	.111	.014	-.962
350	1326	-.267	.024	-.192	-.354
350	1327	-.287	.033	-.199	-.470
350	1328	-.287	.034	-.184	-.519

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	1329	-.289	.033	-.169	-.420
350	1330	-.290	.033	-.182	-.427
350	1331	-.262	.025	-.174	-.384
350	1332	-.271	.025	-.171	-.382
350	1333	-.276	.025	-.199	-.377
350	1334	-.270	.025	-.174	-.351
350	1335	-.284	.027	-.182	-.405
350	1336	-.308	.045	-.179	-.549
350	1337	-.314	.038	-.217	-.564
350	1338	-.304	.039	-.204	-.511
350	1339	-.257	.023	-.182	-.354
350	1340	-.262	.024	-.176	-.346
350	1341	-.259	.025	-.176	-.351
350	1342	-.270	.014	-.222	-.316
350	1343	-.274	.026	-.182	-.384
350	1344	-.296	.044	-.151	-.483
350	1345	-.311	.041	-.196	-.542
350	1346	-.290	.025	-.211	-.410
350	1347	-.253	.112	.003	-.935
350	1348	-.254	.023	-.175	-.342
350	1349	-.264	.024	-.175	-.347
350	1350	-.265	.022	-.196	-.347
350	1351	-.253	.025	-.165	-.342
350	1352	-.243	.036	-.107	-.407
350	1353	-.251	.026	-.165	-.376
350	1354	-.258	.026	-.160	-.374
350	1355	-.257	.026	-.143	-.352
350	1356	-.26?	.024	-.184	-.333
350	1357	-.25?	.024	-.179	-.347
350	1358	-.26?	.030	-.155	-.374
350	1359	-.24?	.032	-.131	-.362
350	1360	-.24?	.030	-.139	-.376
350	1361	-.261	.023	-.189	-.340
350	1362	-.254	.026	-.155	-.350
350	1363	-.246	.031	-.127	-.340
350	1401	-.407	.193	.040	-1.472
350	1402	-.337	.146	-.005	-1.193
350	1403	-.278	.099	-.009	-.981
350	1404	-.262	.052	-.141	-.636
350	1405	-.267	.052	-.098	-.679
350	1406	-.427	.201	.124	-1.637
350	1407	-.441	.170	.132	-1.374
350	1408	-.397	.172	.097	-1.241
350	1409	-.299	.100	-.054	-.824
350	1410	-.264	.052	-.057	-.567
350	1411	-.272	.046	-.118	-.562
350	1412	-.432	.155	-.018	-1.370
350	1413	-.397	.167	.068	-1.203
350	1414	-.317	.111	-.034	-.847
350	1415	-.277	.050	-.131	-.539
350	1416	-.284	.056	-.095	-.702
350	1417	-.420	.168	.040	-1.349
350	1418	-.379	.162	-.026	-1.387
350	1419	-.306	.096	-.052	-.768
350	1420	-.276	.053	-.110	-.595
350	1421	-.283	.044	-.170	-.701
350	1422	-.323	.122	-.018	-1.257
350	1423	-.298	.121	-.001	-1.212
350	1424	-.260	.076	-.084	-.648
350	1425	-.253	.034	-.139	-.403
350	1426	-.262	.034	-.148	-.412
350	1427	-.212	.075	.068	-.668
350	1428	-.210	.067	-.012	-.660
350	1429	-.208	.070	.060	-.662
350	1430	-.151	.055	.207	-.336
350	1431	-.143	.058	.149	-.345
350	1432	-.217	.030	-.128	-.368
350	1433	-.187	.034	-.080	-.320
350	1434	-.206	.025	-.103	-.332
350	1435	-.182	.026	-.046	-.283
350	1436	-.200	.022	-.122	-.274
35^	1437	-.187	.024	-.082	-.274
350	1438	-.286	.061	-.081	-.540
350	1439	-.292	.055	-.110	-.549
350	1440	-.278	.036	-.153	-.441
350	1441	-.277	.027	-.172	-.378
350	1442	-.278	.026	-.203	-.363
350	1443	-.273	.025	-.191	-.368
350	1444	-.261	.024	-.184	-.351
350	1445	-.257	.027	-.172	-.380
350	1901	-.192	.038	-.048	-.399
350	1902	-.190	.062	-.010	-.548
350	1903	-.193	.072	.015	-.700
350	1904	-.210	.075	.030	-.525
350	1905	-.234	.072	.087	-.557
350	1906	-.188	.038	-.015	-.327
350	1907	-.072	.062	.308	-.251
350	1908	-.077	.057	.190	-.228
350	1909	-.069	.075	.380	-.251
350	1910	-.061	.073	.272	-.255
350	1911	-.078	.055	.186	-.226
350	1912	-.085	.057	.190	-.283
350	1913	-.078	.069	.241	-.285
350	1914	-.064	.072	.485	-.238
350	1915	-.187	.041	-.006	-.407
350	1916	-.207	.090	.095	-1.175
350	1917	-.362	.111	-.040	-.888
350	1918	-.360	.116	-.007	-1.266
350	1919	-.450	.160	-.076	-1.439
350	1920	-.539	.156	-.099	-1.557
350	1921	-.196	.048	.028	-.386
350	1922	-.339	.096	-.070	-.878
350	1923	-.364	.115	-.007	-.873
350	1924	-.155	.057	.106	-.375
350	1925	-.153	.054	.082	-.344
350	1926	-.265	.074	.025	-.683
350	1927	-.267	.093	.047	-.819
350	1928	-.182	.045	.009	-.340

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	1136	-.155	.064	.303	-.410
10	1207	-.576	.277	.156	-1.807
10	1208	-.743	.309	.131	-2.741
10	1217	-.546	.196	-.080	-1.469
10	1221	-.249	.081	.059	-.857
10	1222	-.364	.157	.040	-1.453
10	1918	-.369	.150	.138	-1.400
10	1920	-.604	.197	-.055	-1.423
12	1136	-.135	.073	.252	-.436
12	1207	-.614	.305	.210	-2.186
12	1208	-.785	.350	.124	-2.868
12	1217	-.563	.205	-.076	-1.618
12	1221	-.253	.092	.025	-.978
12	1222	-.385	.177	.038	-1.579
12	1918	-.382	.168	.164	-1.658
12	1920	-.633	.209	-.083	-1.545
14	1136	-.126	.071	.488	-.373
14	1207	-.670	.336	.142	-1.972
14	1208	-.835	.367	.068	-2.936
14	1217	-.603	.220	-.053	-1.708
14	1221	-.265	.109	.005	-1.370
14	1222	-.424	.210	.154	-1.434
14	1918	-.405	.188	.197	-1.756
14	1920	-.677	.221	-.033	-1.574
16	1136	-.117	.073	.215	-.364
16	1207	-.752	.362	.108	-2.628
16	1208	-.867	.351	.025	-2.845
16	1217	-.646	.233	-.083	-1.921
16	1221	-.263	.104	-.014	-.779
16	1222	-.447	.223	.024	-1.759
16	1918	-.426	.202	.132	-1.661
16	1920	-.709	.217	-.166	-1.637
18	1136	-.102	.071	.264	-.370
18	1207	-.772	.330	.064	-2.279
18	1208	-.856	.319	-.155	-2.571
18	1217	-.641	.222	-.022	-1.490
18	1221	-.268	.115	-.033	-.930
18	1222	-.447	.214	.019	-1.439
18	1918	-.436	.205	.213	-1.575
18	1920	-.690	.200	-.146	-1.569
20	1136	-.020	.135	.693	-.362
20	1207	-.649	.317	.095	-2.258
20	1208	-.718	.310	-.036	-2.562
20	1217	-.557	.210	.036	-1.748
20	1221	-.350	.191	.088	-1.400
20	1222	-.510	.237	.125	-1.713
20	1918	-.430	.208	.168	-1.682
20	1920	-.673	.208	.085	-1.582
22	1136	.007	.139	.608	-.388
22	1207	-.658	.306	.037	-2.063
22	1208	-.713	.328	-.056	-3.123
22	1217	-.568	.209	-.015	-1.791
22	1221	-.387	.192	.021	-1.210
22	1222	-.523	.243	.115	-1.952
22	1918	-.462	.218	.146	-1.482
22	1920	-.682	.198	-.152	-1.452
24	1136	-.017	.130	.706	-.427
24	1207	-.659	.281	-.026	-1.991
24	1208	-.781	.331	-.039	-2.591
24	1217	-.565	.198	.019	-1.553
24	1221	-.336	.183	.089	-1.429
24	1222	-.514	.247	.135	-1.953
24	1918	-.489	.219	.185	-1.550
24	1920	-.659	.194	-.013	-1.441
26	1136	-.017	.122	.685	-.388
26	1207	-.666	.274	.074	-2.119
26	1208	-.710	.273	-.135	-2.369
26	1217	-.595	.199	-.033	-1.668
26	1221	-.316	.175	.049	-1.343
26	1222	-.507	.254	.110	-1.885
26	1918	-.492	.213	.076	-1.364
26	1920	-.641	.174	-.181	-1.560
28	1136	-.025	.118	.583	-.416
28	1207	-.664	.255	-.022	-1.890
28	1208	-.701	.268	-.124	-1.981
28	1217	-.619	.211	.068	-1.845
28	1221	-.313	.193	.072	-1.309
28	1222	-.528	.264	.039	-1.859
28	1918	-.514	.213	.043	-1.573
28	1920	-.642	.163	-.166	-1.616
30	1136	.068	.137	.607	-.414
30	1207	-.524	.191	-.077	-1.690
30	1208	-.540	.216	.012	-1.888
30	1217	-.520	.174	.027	-1.504
30	1221	-.590	.234	.026	-1.547
30	1222	-.602	.263	.098	-2.259
30	1918	-.553	.235	.077	-2.156
30	1920	-.611	.169	-.138	-1.293
32	1136	.068	.130	.677	-.489
32	1207	-.504	.190	-.045	-1.775
32	1208	-.509	.183	.025	-1.865
32	1217	-.518	.180	.126	-1.446
32	1221	-.592	.254	.049	-1.476
32	1222	-.601	.287	.285	-2.085
32	1918	-.557	.228	-.062	-1.716
32	1920	-.597	.162	-.183	-1.348
34	1136	.078	.132	.758	-.387
34	1207	-.498	.190	.035	-1.614
34	1208	-.489	.177	-.023	-1.480
34	1217	-.565	.197	.121	-1.622
34	1221	-.547	.282	.084	-1.910
34	1222	-.652	.303	.123	-1.945
34	1918	-.559	.233	.159	-1.654
34	1920	-.577	.160	-.187	-1.330
36	1136	.069	.127	.749	-.322
36	1207	-.476	.171	.096	-1.307
36	1208	-.478	.169	-.073	-1.822
36	1217	-.565	.213	.137	-1.764
36	1221	-.486	.283	.184	-1.760
36	1222	-.654	.324	.123	-2.382
36	1918	-.558	.246	.039	-1.983
36	1920	-.560	.154	-.171	-1.247
38	1136	.060	.121	.594	-.371
38	1207	-.474	.180	.000	-1.622
38	1208	-.458	.168	-.051	-2.173
38	1217	-.552	.210	.065	-1.573
38	1221	-.475	.282	.224	-1.815
38	1222	-.636	.310	.085	-1.852
38	1918	-.543	.240	.094	-2.005
38	1920	-.542	.158	-.159	-1.216
40	1136	.076	.117	.606	-.399
40	1207	-.460	.157	-.025	-1.415
40	1208	-.450	.146	-.031	-1.302
40	1217	-.575	.216	.131	-1.573
40	1221	-.589	.334	.360	-1.983
40	1222	-.676	.335	.239	-2.380
40	1918	-.530	.217	-.028	-1.641
40	1920	-.530	.140	-.169	-1.220
42	1136	.076	.109	.547	-.306
42	1207	-.472	.160	-.071	-1.856
42	1208	-.450	.150	-.002	-1.948
42	1217	-.612	.256	.075	-1.764
42	1221	-.443	.346	.445	-1.700
42	1222	-.717	.370	.222	-2.452
42	1918	-.527	.226	.055	-1.724
42	1920	-.527	.138	-.196	-1.289
44	1136	.068	.106	.530	-.265
44	1207	-.464	.155	.089	-1.514
44	1208	-.439	.149	.008	-1.485
44	1217	-.654	.293	.126	-1.960
44	1221	-.335	.308	.374	-1.674
44	1222	-.695	.388	.251	-2.479
44	1918	-.524	.234	.035	-1.948
44	1920	-.513	.125	-.218	-1.161
46	1136	.052	.097	.514	-.254
46	1207	-.450	.159	-.012	-1.783
46	1208	-.423	.135	-.036	-1.479
46	1217	-.640	.302	.207	-2.273
46	1221	-.294	.281	.331	-1.543
46	1222	-.683	.391	.465	-2.711

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
46	1918	-.523	.247	.088	-1.667
46	1920	-.496	.125	-.205	-1.139
48	1136	.051	.108	.581	-.283
48	1207	-.416	.137	-.012	-1.118
48	1208	-.392	.128	-.020	-1.575
48	1217	-.550	.313	.250	-2.078
48	1221	-.273	.271	.412	-1.680
48	1222	-.561	.372	.452	-2.036
48	1918	-.503	.254	.207	-1.813
48	1920	-.464	.107	-.141	-1.055
50	1136	-.003	.092	.398	-.302
50	1207	-.422	.142	.034	-1.250
50	1208	-.391	.138	.031	-1.248
50	1217	-.572	.310	.175	-1.964
50	1221	-.210	.230	.341	-1.398
50	1222	-.533	.362	.343	-2.245
50	1918	-.473	.237	.126	-1.814
50	1920	-.469	.101	-.199	-1.163
52	1136	-.013	.081	.423	-.259
52	1207	-.381	.131	.149	-1.188
52	1208	-.362	.118	.005	-1.134
52	1217	-.467	.287	.403	-1.984
52	1221	-.169	.203	.351	-1.266
52	1222	-.468	.343	.264	-2.351
52	1918	-.446	.233	.150	-1.819
52	1920	-.433	.089	-.152	-1.095
54	1136	-.017	.079	.497	-.245
54	1207	-.347	.110	.044	-.834
54	1208	-.341	.107	.012	-.815
54	1217	-.380	.247	.300	-1.765
54	1221	-.169	.200	.403	-1.290
54	1222	-.388	.302	.333	-1.811
54	1918	-.411	.213	.168	-1.780
54	1920	-.408	.075	-.154	-.805
56	1136	-.029	.073	.319	-.331
56	1207	-.318	.106	.022	-.973
56	1208	-.303	.095	.034	-.797
56	1217	-.295	.208	.553	-1.243
56	1221	-.164	.179	.425	-1.190
56	1222	-.315	.262	.385	-1.603
56	1918	-.365	.182	.134	-1.618
56	1920	-.392	.070	-.136	-.745
58	1136	-.027	.074	.321	-.269
58	1207	-.293	.102	.088	-.856
58	1208	-.295	.092	.156	-.880
58	1217	-.261	.184	.402	-1.316
58	1221	-.158	.178	.479	-1.104
58	1222	-.276	.228	.381	-1.426
58	1918	-.362	.190	.134	-1.670
58	1920	-.380	.068	-.189	-.678
60	1136	-.064	.069	.363	-.596
60	1207	-.253	.099	.196	-.847
60	1208	-.262	.077	.022	-.608
60	1217	-.174	.173	.340	-1.475
60	1221	-.105	.142	.605	-.839
60	1222	-.186	.180	.352	-1.131
60	1918	-.320	.156	.175	-1.463
60	1920	-.357	.069	-.116	-.736
80	1136	-.434	.250	.003	-2.014
80	1207	-.083	.160	.664	-.507
80	1208	-.010	.141	.445	-.487
80	1217	.128	.123	.649	-.207
80	1221	.150	.126	.738	-.143
80	1222	.034	.099	.464	-.227
80	1918	-.148	.140	.384	-.724
80	1920	-.408	.093	-.115	-1.032
82	1136	-.465	.255	.016	-2.144
82	1207	.120	.166	.757	-.501
82	1208	.017	.135	.452	-.522
82	1217	.133	.126	.702	-.183
82	1221	.154	.118	.874	-.091
82	1222	.041	.100	.452	-.201
82	1918	-.162	.143	.257	-.680
82	1920	-.410	.088	-.146	-.810
84	1136	-.512	.268	-.048	-2.673
84	1207	.144	.155	.694	-.440
84	1208	.041	.118	.455	-.427
84	1217	.153	.124	.749	-.212
84	1221	.158	.114	.694	-.119
84	1222	.057	.107	.591	-.242
84	1918	-.182	.142	.323	-.615
84	1920	-.423	.083	-.225	-.801
86	1136	-.567	.266	-.038	-2.271
86	1207	.154	.142	.708	-.453
86	1208	.053	.118	.501	-.400
86	1217	.140	.118	.692	-.194
86	1221	.177	.117	.685	-.107
86	1222	.059	.101	.475	-.293
86	1918	-.217	.131	.281	-.744
86	1920	-.404	.077	-.187	-.799
88	1136	-.581	.285	.012	-2.301
88	1207	.174	.139	.673	-.409
88	1208	.061	.115	.490	-.329
88	1217	.146	.124	.706	-.165
88	1221	.181	.118	.622	-.075
88	1222	.064	.105	.608	-.204
88	1918	-.236	.122	.283	-.734
88	1920	-.408	.068	-.233	-.734
90	1136	-.670	.305	-.006	-2.706
90	1207	.192	.120	.748	-.176
90	1208	.089	.098	.402	-.246
90	1217	.210	.115	.728	-.105
90	1221	.275	.135	.752	-.044
90	1222	.118	.111	.608	-.243
90	1918	-.296	.123	.250	-.789
90	1920	-.410	.063	-.232	-.720
92	1136	-.625	.277	-.074	-2.406
92	1207	.180	.117	.602	-.206
92	1208	.077	.104	.595	-.296
92	1217	.183	.114	.668	-.151
92	1221	.247	.121	.707	-.093
92	1222	.100	.108	.581	-.206
92	1918	-.292	.115	.168	-.750
92	1920	-.399	.062	-.234	-.729
94	1136	-.610	.237	-.097	-1.965
94	1207	.177	.119	.588	-.157
94	1208	.075	.097	.476	-.247
94	1217	.184	.114	.616	-.094
94	1221	.253	.124	.667	-.023
94	1222	.102	.105	.477	-.179
94	1918	-.296	.110	.205	-.711
94	1920	-.393	.058	-.240	-.649
96	1136	-.598	.237	-.129	-2.084
96	1207	.167	.117	.553	-.218
96	1208	.070	.098	.428	-.215
96	1217	.163	.113	.581	-.182
96	1221	.245	.128	.725	-.056
96	1222	.091	.105	.498	-.188
96	1918	-.295	.104	.166	-.682
96	1920	-.396	.059	-.236	-.672
98	1136	-.587	.219	-.101	-2.006
98	1207	.164	.116	.566	-.154
98	1208	.072	.097	.394	-.213
98	1217	.163	.106	.551	-.145
98	1221	.247	.122	.714	-.026
98	1222	.092	.097	.440	-.160
98	1918	-.292	.105	.156	-.699
98	1920	-.392	.057	-.229	-.640
100	1136	-.592	.219	-.100	-2.221
100	1207	.172	.130	.620	-.234
100	1208	.065	.104	.403	-.322
100	1217	.154	.120	.565	-.169
100	1221	.213	.118	.692	-.080
100	1222	.079	.110	.557	-.217
100	1918	-.296	.105	.121	-.726
100	1920	-.405	.060	-.227	-.744
102	1136	-.593	.196	-.124	-1.861
102	1207	.166	.124	.617	-.226
102	1208	.065	.101	.445	-.291
102	1217	.150	.115	.627	-.150

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
102	1221	.230	.119	.724	-.095	106	1136	-.574	.173	-.191	-1.565	108	1221	.233	.112	.673	-.030
102	1222	.077	.108	.639	-.179	106	1207	.150	.125	.613	-.201	108	1222	.080	.094	.485	-.176
102	1918	-.298	.110	.125	-.843	106	1208	.045	.096	.458	-.323	108	1918	-.268	.109	.173	-.623
102	1920	-.397	.059	-.235	-.695	106	1217	.135	.108	.561	-.156	108	1920	-.383	.053	-.246	-.616
104	1136	-.582	.184	-.143	-1.657	106	1221	.237	.110	.719	-.030	110	1136	-.555	.161	-.122	-1.429
104	1207	.148	.116	.528	-.217	106	1222	.072	.096	.503	-.160	110	1207	.143	.106	.491	-.168
104	1208	.051	.104	.446	-.269	106	1918	-.268	.107	.153	-.671	110	1208	.022	.085	.322	-.256
104	1217	.133	.103	.551	-.133	106	1920	-.387	.050	-.248	-.595	110	1217	.136	.096	.504	-.144
104	1221	.230	.118	.764	-.030	108	1136	-.572	.174	-.172	-1.778	110	1221	.234	.105	.650	-.017
104	1222	.064	.092	.425	-.189	108	1207	.151	.113	.589	-.218	110	1222	.078	.090	.425	-.253
104	1918	-.287	.110	.121	-.730	108	1208	.035	.093	.331	-.293	110	1918	-.262	.098	.132	-.625
104	1920	-.397	.056	-.226	-.618	108	1217	.140	.103	.457	-.141	110	1920	-.372	.051	-.239	-.697