

Engineering Sciences

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WIND ENGINEERING STUDY OF
POST OAK CENTRAL II, HOUSTON

by

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for

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TABLE OF CONTENTS

<u>Chapter</u>		<u>Page</u>
	ACKNOWLEDGMENTS	ii
	LIST OF TABLES	iv
	LIST OF FIGURES	v
	LIST OF SYMBOLS	vii
I	INTRODUCTION	1
	1.1 General	1
	1.2 The Post Oak Central II Building, Houston.	2
II	EXPERIMENTAL CONFIGURATION	4
	2.1 Wind Tunnel	4
	2.2 Model	4
III	INSTRUMENTATION AND DATA ACQUISITION	6
	3.1 Flow Visualization	6
	3.2 Pressures	6
	3.3 Velocity	8
IV	RESULTS	11
	4.1 Flow Visualization	11
	4.2 Velocity	11
	4.3 Pressures	16
	4.4 Forces and Moments	19
V	CONCLUSIONS	21
	REFERENCES	22
	TABLES	23
	APPENDIX A	53
	FIGURES	126

LIST OF TABLES

<u>Table</u>		<u>Page</u>
1	Motion Picture Scene Guide	24
2	Pedestrian Wind Velocities and Turbulence Intensities around the Base of the Building	25
3	Houston Wind Data--Annual Percentage Frequencies of Wind Direction and Speed	33
4	Summary of Wind Effects on People	34
5	Largest and Smallest Pressure Coefficients for Each Pressure Tap	35
6	Maximum Loads in Pounds Per Square Foot	46
7	Force and Moment Coefficients	52

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	Post Oak Central Building Location and Pedestrian Wind Velocity Measuring Positions	127
2	Industrial Aerodynamics Wind Tunnel	128
3	Pressure Tap Locations (Six drawings showing building sides and roof)	129
4	Completed Model in the Wind Tunnel	135
5	Data Sampling Time Verification	136
6	Mean Velocity and Turbulence Profiles Approaching the Model	137
7	Mean Velocity and Turbulence Intensity at Positions 1 and 2	138
8	Mean Velocity and Turbulence Intensity at Positions 3 and 4	139
9	Mean Velocity and Turbulence Intensity at Positions 5 and 6	140
10	Mean Velocity and Turbulence Intensity at Positions 7 and 8	141
11	Mean Velocity and Turbulence Intensity at Positions 9 and 10	142
12	Mean Velocity and Turbulence Intensity at Positions 11 and 12	143
13	Mean Velocity and Turbulence Intensity at Positions 13 and 14	144
14	Wind Velocity Probabilities for Positions 1, 2, and 3 .	145
15	Wind Velocity Probabilities for Positions 4, 5, and 6 .	146
16	Wind Velocity Probabilities for Positions 7, 8, and 9 .	147
17	Wind Velocity Probabilities for Positions 10, 11, and 12	148
18	Wind Velocity Probabilities for Positions 13 and 14	149
19	Peak-Pressure Contours on the Building	150

LIST OF FIGURES (continued)

<u>Figure</u>		<u>Page</u>
20	Coordinate Systems and Equations for Forces and Moments	152
21	Force Coefficients for the Structure	153
22	Moment Coefficients for the Structure	154

LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν	Kinematic viscosity of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A	Constant
B	Constant
n	Constant
rms	Root-mean-square
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, $\frac{(p-p_{\infty})_{mean}}{\frac{1}{2} \rho U_{\infty}^2}$
$C_{p_{rms}}$	Root-mean-square pressure coefficient, $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{\frac{1}{2} \rho U_{\infty}^2}$

LIST OF SYMBOLS (continued)

<u>Symbol</u>	<u>Definition</u>
$C_{P_{max}}$	Peak maximum pressure coefficient, $\frac{(p-p_{\infty})_{max}}{\frac{1}{2} \rho U_{\infty}^2}$
$C_{P_{min}}$	Peak minimum pressure coefficient, $\frac{(p-p_{\infty})_{min}}{\frac{1}{2} \rho U_{\infty}^2}$
ρ	Density of approach flow
$()_{min}$	Minimum value during data record
$()_{max}$	Maximum value during data record
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, Z direction
$M(X), M(Y), M(Z)$	Moments of forces about X, Y, Z axes
H_z	Cycles per second

I. 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 lights 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. Techniques have been developed during the past decade for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and wind velocities and gusts adjacent to the building. Knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of window strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed.

Modeling 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. Wind velocity in the wind tunnel would have to be as large as the model scale factor times the prototype wind velocity. However, for sufficiently high Reynolds numbers ($>2 \times 10^4$) the pressure coefficient at any location on the structure will be essentially constant for a large range of Reynolds numbers. Typical values encountered are 10^8 for the full-scale and 10^6 for the wind tunnel model. In this range acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The Post Oak Central II Building, Houston

A wind engineering study was performed for the proposed Post Oak Central II Building in Houston, Texas. The 320 ft. high building was modeled (Figure 4) at a 1:192 scale. The objectives of the wind engineering study were to obtain mean and fluctuating pressures on the building, forces and moments acting on the structure, and wind velocity and gustiness in the area adjacent to the structure. In addition, a flow visualization study was performed to define overall flow patterns and regions where local flow features might cause difficulties in building panel loading or pedestrian discomfort.

The Post Oak Central II building will be located in a suburban area of Houston, Texas, on South Post Oak Road (Figure 1). The area surrounding the proposed location is generally flat and has several buildings 45 to 65 feet in height. Post Oak Central I, a building approximately 320 ft. high, is in the adjacent block to the south. Post Oak Central III, a future office tower 10 to 20 stories high will be located in the adjacent block to the southwest.

II. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

The wind-engineering study was performed in the Industrial Aerodynamics Wind Tunnel located in the Fluid Dynamics and Diffusion Laboratory at Colorado State University (Figure 2). The tunnel is a closed circuit facility driven by a 75 hp variable-pitch propeller. The test section is nominally 6 feet square and 60 feet long and is fed through a 4-to-1 ratio contracting section about 10 feet long. The roof is adjustable in height to maintain a zero pressure gradient along the test section. The mean velocity can be adjusted continuously from 1 to 65 fps.

2.2 Model

In order to obtain an accurate assessment of local pressures using piezometer taps, the model was constructed to the largest scale that would not produce significant blockage in the wind tunnel. A 1:192 scale model of the Post Oak Central II building was constructed from sheets of 1/2 in. thick Lucite plastic and fastened together with metal screws. Piezometer taps (1/16 in. dia.) were drilled normal to the exterior vertical surfaces at 508 locations on the building sides. In addition 13 piezometer taps were drilled normal to the roof surfaces, the top, the lower setback and the upper setback. The locations of the taps on the structure are shown in Figure 3a to 3f. Dimensions and elevations above the base of the building are given both in full scale feet and model inches along the right side of the figures. The pressure tap numbers are shown along the left side of the figures. The developed building surface is shown in Figure 3e. The roof taps are shown in Figure 3f.

A circular area of approximately 600 ft. radius surrounding the building site was modeled in detail. Structures within the modeled region were made from styrofoam cut to the individual building geometries. The Post Oak Central II building was modeled in addition to the shorter buildings adjacent to them. The entire assembly was mounted on a 63 in. diameter turntable centered 55 ft. from the test-section entrance. The turntable was calibrated to indicate azimuthal orientation to 0.1 degree. Pressures and velocities were measured for 24 wind directions; approximately 15 degree intervals around a 360 degree arc.

The region upstream from the modeled area was covered with a randomized roughness constructed using 1 in. cubes placed on the floor. Spires were installed at the test section entrance to provide a thicker boundary layer than would otherwise be available. The spires were approximately triangularly shaped pieces of 1/2 in. thick plywood 5 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They were placed so that the broad side intercepted the flow. Splitter plates, triangular in cross section were placed downstream from, but in contact with, the spires to form obstructions in the air flow path.

The distribution of the 1 in. cubes 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 for the Houston area, and a logarithmic velocity profile with a realistic roughness length. A photograph of the completed model is shown in Figure 4. The wind tunnel ceiling was adjusted after placement of the model to obtain a zero pressure gradient along the test section.

III. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the air flow visible in the vicinity of the model is helpful in (a) understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment where pressure coefficients may be expected to be high, and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke was 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. A guide to the motion picture scenes is given in Table 1. Conclusions obtained from these smoke studies are discussed in section 4.1.

3.2 Pressures

Mean and fluctuating pressures were obtained at each of the 521 pressure taps on the wind tunnel model. Data was obtained for 24 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing each 18 in. long were 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 was directed in turn by the switch to one of the four pressure transducers mounted close to the switch. The switch was operated manually by means of a shaft projecting through the floor of the wind tunnel. A mechanical indexing feature locked the switch into each of the 20 required positions while a potentiometer provided an indication

of the switch position on a digital voltmeter. The four pressure input taps not used for transmitting building surface pressures were connected to a common tube leading outside the wind tunnel. This arrangement provided 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 pressure transducers used were Statham differential strain-gage transducers (Model PM283TC) with a 0.15 psid range. They were selected because of their stability and linearity in the required working range. The resonant frequency of the transducers was approximately 2,000 Hz, or 2,000 cycles per second. This was sufficiently high that resonance effects on the pressure measurements could be ignored. Reference pressures were obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot tube mounted in the wind tunnel freestream above the model building. In this way the transducer measured the instantaneous difference between the local pressure on the surface of the building and the static pressure in the freestream above the model.

Each pressure transducer contained a built-in bridge similar to a Wheatstone Bridge. The bridge was monitored by a Honeywell Accudata 118 Gage Control/Amplifier unit which provided excitation to the transducer bridge and amplified the bridge output. These instruments are characterized by a very stable excitation voltage and amplifier gain. Output from the Honeywell signal conditioners was fed to an on-line 8 channel System Development, Inc., analog-to-digital conversion unit. The data was processed onto digital tape for later data analysis

by computer. Resolution of conversion was ± 0.0016 in pressure coefficient.

All four transducers were 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 5. 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 are, 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.

Reduction of the raw data to usable form was performed on the Colorado State University CDC 6400 computer as described in section 4.3.

3.3 Velocity

Velocity and turbulence intensity profiles were measured upstream of the model and at the Post Oak Central II building location with the surrounding buildings in place. Tests were made at only one wind velocity in the tunnel. This velocity was sufficiently high to produce Reynolds number similarity between the model (10^6) and the prototype (10^8). The pressure measured at each pressure tap on the building was related to the pressure in the wind tunnel, measured by a pitot tube in an undisturbed area upstream from the model. This relationship produced a dimensionless coefficient which indicated that the pressure at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure. Using the measured

coefficient, absolute pressure values for any wind velocity may then be calculated.

In addition, mean velocity and turbulence intensity measurements were made 0.3 in. (4.8 ft prototype) above the surface at 14 locations (see Figure 1) on and near the building for 24 wind directions. The surface measurements are indicative of the environment to which a pedestrian in the plaza area would be subjected. The locations were chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances where pedestrian traffic is heavy and in open plaza areas.

Measurements were made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used was a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. dia. platinum film sensing element 0.020 in. long. Output was read from a Hewlett-Packard integrating digital voltmeter (Model 2401C) for mean voltage and DISA RMS meter (Model 55D35) for rms voltage.

Calibration of the hot-wire anemometer was performed using a Thermo Systems calibrator (Model 1125). The calibration data were fit to a variable exponent King's Law relationship

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

where E is the hot-wire output voltage, U the approach velocity and A , B , and n are coefficients selected to fit the data. The above relationship was used to calculate the mean velocity at measurement points from 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. All turbulence measurements were divided by both local mean velocity U and mean velocity outside the boundary layer U_{∞} . Division by U gives an indication of the relative unsteadiness at the location while division by U_{∞} permits an easy determination of the actual magnitude of rms velocity fluctuations at a point for various approach velocities.

IV. 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 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 was deflected down to the plaza level, up over the structure and around the sides. The tendency of a building to deflect oncoming wind downward causing a reversal in wind direction at street level and a more turbulent environment was observed. These effects were not as severe as has been noted in other buildings of comparable height due primarily to the structure shape. The worst conditions for pedestrians appeared to be in the regions near the northeast and southwest end of the structure for winds approaching roughly perpendicular to the long axis of the structure. These conditions did not appear extreme. The main entrances appeared to be in areas of fairly moderate wind velocities although the plaza areas in front of the entrances did experience some turbulence.

4.2 Velocity

Velocity and turbulence profiles are shown in Figures 6a and 6b. These profiles were taken upstream from the model and are characteristic of the boundary-layer approaching the model. As shown in Figure 6a the boundary-layer thickness, δ , was 50 in. corresponding to a prototype value of 800 ft. This is a reasonable value for Houston. In the form

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

the velocity profile has an exponent n of 0.28 for the approach flow which is an acceptable value for city environments such as Houston with moderate building heights. If the upstream profile shown in Figure 6a is plotted in semilogarithmic form, the effective roughness height z_0 indicated by the zero velocity intercept of the best fit line is approximately 3 ft. This is somewhat larger than might be anticipated for the site but is still a reasonable value.

The profile of longitudinal turbulence intensity is shown in Figure 6b. The turbulence intensities are typical of those found over suburban areas. For the purpose of this report, turbulence intensity is defined as the root-mean-square of the longitudinal velocity fluctuations divided by the reference mean velocity U_∞ at the outer edge of the boundary layer,

$$Tu_1 = \frac{U_{rms}}{U_\infty} ,$$

or as the rms velocity divided by the local mean velocity,

$$Tu_2 = \frac{U_{rms}}{U} .$$

Mean velocity and turbulence intensity (at pedestrian measuring positions 1-14 shown in Figure 1) are listed in Table 2 for 24 wind directions and are plotted in Figures 7-13. Measurements were taken 0.3 in. (4.8 ft prototype) above the surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the results. The largest mean velocities were recorded at measurement positions 14, 12 and 7 for wind azimuths of 315, 270 and 337.5 respectively. The respective velocities were

75.6, 73.2 and 71.7 percent of the reference velocity U_{∞} at these points. The physical situation corresponds to westerly or northwesterly winds causing higher velocities around the corners of the structure. These higher velocities at the ends of the structure's long axis were observed also with smoke flow (see section 4.1).

The largest value of fluctuating velocity (U_{rms}/U_{∞}) was 25.9 percent for measurement position 10 at wind azimuth 157.5. The mean velocity associated with this condition was 44.4 percent indicating a borderline uncomfortable environment for moderately strong winds from this southeasterly direction. The planned pedestrian tunnel from Post Oak Central II to the parking structure may alleviate some of the strong velocity at this site. Pedestrian discomfort at locations 13 and 1 were almost as bad with fluctuating velocity values of 22.7 and 22.6, mean velocities of 41.0 and 59.2, and wind azimuths of 112.5 and 0.0 degrees, respectively. However, conditions improved rapidly with other wind directions and for other positions in the plaza.

The highest "gustiness" value (U_{rms}/U) was 74.1 percent found at position 4 for a wind azimuth of 22.5. This apparently large value of gustiness must be interpreted in terms of the magnitude of the mean velocity at the identical time and place since a low local wind velocity can produce a large gustiness coefficient as effectively as a large local wind velocity. At measurement position 4, the low mean velocity, 14.5, indicates a problem probably does not exist. Similarly, at positions 6 and 8 where the maximum gustiness values are 70.7 and 70.2 respectively, the local mean velocity is only 21.4 and 13.9 for azimuths of 315 and 67.5 degrees, respectively. Problems probably do not exist at these positions either.

At positions 4, 10, and 14, discussed above, pedestrian reaction to strong winds from the sensitive directions should be determined before remedial action such as wind screens is considered.

To enable a quantitative assessment of the wind environment, the wind tunnel data were combined with wind frequency and direction information obtained at Houston International Airport. Table 3 shows the frequency and direction data calculated from monthly summaries published by the National Weather Service for the period 1951-1960. These data, obtained at an elevation of 40 ft, were converted to velocities at the reference height for the wind tunnel measurements (800 ft) and combined with the wind tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each site. The percentage times were summed by wind direction to obtain a percent time exceeded at each site independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are listed in Table 3 and plotted in Figures 14 to 18.

Interpretation of Figures 14 to 18 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]. The Beaufort scale, 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.

From Figures 14 to 18 it may be seen that mean velocities of 24 mph are reached considerably less than 0.5 percent of the time, (one percent is approximately 88 hours per year) except at positions 7 and 14 (Figure 1) where the time increased to 1.0 and 1.6 percent, respectively. Mean winds did not exceed the 12 mph level more than 6 percent of the time with the exception of position 7 where the time increased to 17 percent.

Peak gust values in Figures 14 to 18 require a somewhat different interpretation. The peak gust curves shown are the percent of time during which a several-second gust of the stated magnitude could occur (say less than one of these gusts per hour). Evidence suggests that gusts greater than about 35 mph in magnitude can cause major impediment to pedestrians, particularly the elderly. All locations experienced winds in which gusts of 35 mph or higher could occur less than 2.5 percent of the time. Positions 2 and 14 in the plaza area experienced the highest levels of percentage time, 2.5 percent of the time. For positions 10, 5 and 7 the time percentages were 2.0, 1.5 and 1.5 respectively. All other positions were 1.0 percent or less.

Because some positions were purposely chosen at sites where the smoke tests showed large velocities of small spacial extent, the general wind environment about the structure is less severe than one might infer from the analysis of Figures 14 to 18. However, there is a small possibility that for certain wind directions on windier days, the winds may be uncomfortable at the building corners and may discourage pedestrian use of the plaza area.

4.3 Pressures

For each of the pressure ports examined (12,504 total), the data record was analyzed to obtain four separate pressure coefficients. The first was the mean pressure coefficient

$$C_{p_{\text{mean}}} = \frac{(p-p_{\infty})_{\text{mean}}}{\frac{1}{2} \rho U_{\infty}^2}$$

where the symbols are as defined in the List of Symbols, page vii. It represents the mean of the instantaneous pressure difference between the building pressure port and the static pressure in the wind tunnel outside the boundary-layer, nondimensionalized by the dynamic pressure $\frac{1}{2} \rho U_{\infty}^2$ outside the boundary-layer.

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

$$C_{p_{\text{rms}}} = \frac{\left((p-p_{\infty}) - (p-p_{\infty})_{\text{mean}} \right)_{\text{rms}}}{\frac{1}{2} \rho U_{\infty}^2}$$

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 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:

$$C_{p_{\max}} = \frac{(p-p_{\infty})_{\max}}{\frac{1}{2} \rho U_{\infty}^2}$$

$$C_{p_{\min}} = \frac{(p-p_{\infty})_{\min}}{\frac{1}{2} \rho U_{\infty}^2}$$

The values of $p-p_{\infty}$ which were digitized at 250 samples per second for 16 seconds were examined individually by the computer to obtain the most positive and most negative values during the 16 second period. These were converted to $C_{p_{\max}}$ and $C_{p_{\min}}$ by nondimensionalizing the freestream dynamic pressure.

The four pressure coefficients were calculated by the Colorado State University CDC 6400 computer and tabulated. The list of coefficients is included as Appendix A. The tap code numbers used in the appendix are given in Figure 3a - 3f. In addition the coefficient data in Appendix A includes the approach wind azimuth in degrees from true north.

In order to determine the largest loads acting at any point on the structure, the data for all wind directions were searched to obtain, at each pressure tap, the largest positive and negative mean values and the largest positive and negative peak values. Table 5 provides these pressure coefficients and associated wind directions. The largest positive peak values on the structure were between 1.000 and 1.170 and were distributed about the building. The largest peak negative pressure coefficients were -2.499, -2.380, and -2.343 for tap locations 821, 620, and 640 respectively. In all, 14 coefficients were in the range -2.0 to 2.499 in magnitude.

The pressure coefficients of Table 5 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. One method of arriving at a reference pressure was

obtained for Houston from the proposed American National Standard Institute A58.1 [4]. The wind magnitude for a 50 year return period in Houston is 80 mph for a fastest-mile wind at 30 ft elevation. A factor of 1.28 [5] was used to reduce this velocity to a one-hour mean velocity--equivalent to the wind tunnel mean velocity. The resulting 62.5 mph was then translated to a prototype elevation equivalent to the height of the reference wind tunnel measurement (800 ft) by means of a power-law velocity profile with a 0.16 exponent. This exponent corresponds to the typical values near airports where the 50 year recurrence winds in the ANSI standard are appropriate. The mean velocity at 800 ft was calculated as 105.6 mph. The appropriate reference pressure based on this velocity is given by $0.00256 U^2 = 28.5$ psf from the ANSI standard.

Recent research [6] indicates that the period of application of the peak pressures reported herein is about 4-5 seconds. If a glass design is based on these peak values, then a glass strength associated with this duration load is indicated. If the glass design is based on some alternate load duration--say 1 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. A factor of 0.73 on the reference pressure was used to convert the short 5-10 second pressure peaks to 1 minute loads typically cited in glass selection charts. The resulting 50 year recurrence reference pressure is 21 psf.

Table 6 gives psf loadings on the full-scale structure which result from multiplication of the 21 psf reference pressure by the peak coefficients of Table 4.

The range of maximum peak pressure coefficients was between 0.163 at tap 1133 and 1.170 at tap 633. Most of the values hovered just above or just below unity, however. The range of minimum peak coefficients (negative or outward acting) was between -0.453 and -2.499. Values below -1.0 were not uncommon near the base of the building. For example, values of -0.453, -0.581 and -0.604 occurred at taps 1225, 1231 and 1230 respectively. The largest negative coefficients between 2.0 and 2.499 were not uncommon (there were 14 between 2.0 and 2.5) and were distributed about the building. However, there seemed to be a concentration of the larger negative values near the mid-height of the building. For example pressure taps 542, 620, 721, 733, and 821 (among others) had peak negative values of -2.391, -2.381, -2.322, -2.269, and -2.499, respectively.

For ease of visualizing the loads on the structure, contours of equal peak pressures have been plotted on elevation views of the structure (Figure 19). Contour values are the largest of the peak maximum or peak minimum pressures from Table 4.

4.4 Forces and Moments

Force coefficients in the horizontal x and y directions and moment coefficients about the base of the building were computed for the 24 wind directions tested. Data obtained using these coefficients will be useful in designing the structural framing of the proposed structure.

Force and movement coefficients were computed using the equations shown in Figure 20. Terms and symbols used in the equations are defined in the List of Symbols, page vii, and in the sketch of Figure 20.

Coefficients CF_x and CF_y were computed for the horizontal forces

acting along the X and Y axes at ground level, and for moments CM_x and CM_y acting at ground level around the X and Y axes in the directions shown in Figure 20. The coordinate system for the force and moment system has its origin at the center of the structure at ground level. The signs on the moments were determined by application of the right-hand rule. The force and moment coefficients were computed using the mean pressure coefficient at each pressure tap.

The resulting force and moment coefficients are shown in Table 7 for the 24 wind directions tested in the wind tunnel. Figure 21 shows the same force coefficients plotted versus wind direction and Figure 22 shows the moment coefficients plotted versus wind direction.

The total forces and moments acting over the entire Post Oak Central II building for each wind direction may be computed using the above coefficients and a reference pressure selected for an appropriate wind gust duration.

V. CONCLUSIONS

The wind tunnel was used to produce an atmospheric boundary-layer flow over a 1:192 scale model of the proposed Post Oak Central II building in Houston, Texas. The air flow characteristics produced in the wind tunnel were similar to those expected to occur in the Houston area. The air flow was made visible with smoke and recorded on motion picture film. These tests shows several areas of possible pedestrian discomfort during high winds. However, velocity measurements made in these areas indicated that remedial action probably will not be required before pedestrian reaction is obtained.

Pressure measurements made on the structure showed areas, principally near the corners of the structure, where fairly large negative pressures were evident. These outward acting pressures, tending to pull the glass and/or cladding off the building, ranged upward to -2.5 times the gradient wind dynamic pressure. Some 14 locations had pressures above -2.0, but most locations had pressures less than -2.0 times the dynamic pressure. These data will be of help in selecting adequate but economical glass and cladding panels to withstand the wind forces.

Mean force and moment coefficients were computed for each of 24 wind directions. These data are useful in the design of the structural framing and for drift control. In addition, maximum pressure coefficients for each pressure tap were tabulated and the resulting maximum wind loads in pounds per square foot at each pressure tap was calculated for a wind loading of 21 pounds per square foot.

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TABLES

TABLE 1.

Motion Picture Scene Guide

<u>Scene</u>	<u>Wind Azimuth</u>
0	Titles
1	0
2	45
3	90
4	135
5	180
6	225
7	270
8	315

Model Wind Velocity 10 fps

TABLE 2-1. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 1

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	59.2	22.6	38.2
22.50	61.1	12.1	19.8
45.00	47.3	8.6	18.1
67.50	37.5	9.1	24.2
90.00	25.0	9.6	38.3
112.50	16.0	9.1	57.0
135.00	16.7	9.7	57.8
157.50	21.0	11.2	53.4
180.00	30.1	18.2	60.4
202.50	56.0	17.0	30.4
225.00	47.5	11.0	23.2
247.50	47.3	11.2	23.6
270.00	35.8	13.7	38.2
292.50	25.8	13.8	53.4
315.00	29.9	16.2	54.3
337.50	25.2	15.4	61.2

POSITION 2

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	66.2	19.7	29.7
22.50	63.6	12.5	19.7
45.00	50.0	9.3	18.5
67.50	30.4	10.1	33.2
90.00	15.5	9.3	60.3
112.50	26.4	15.9	60.5
135.00	41.3	18.6	45.1
157.50	55.0	18.7	33.9
180.00	34.2	18.4	53.7
202.50	58.2	15.4	26.5
225.00	53.0	11.8	22.3
247.50	46.7	13.4	28.7
270.00	20.8	11.9	57.4
292.50	22.9	12.6	55.1
315.00	21.9	12.8	58.6
337.50	32.8	20.0	60.8

POSITION 3

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	19.5	10.3	52.6
22.50	25.7	15.8	61.6
45.00	44.0	17.0	38.6
67.50	43.3	9.2	21.2
90.00	42.1	10.4	24.8
112.50	37.0	12.8	34.6
135.00	29.8	15.1	50.7
157.50	28.2	16.3	58.0
180.00	25.7	16.1	62.7
202.50	57.2	14.5	25.3
225.00	61.0	13.0	21.2
247.50	59.5	18.8	31.5
270.00	24.9	14.3	57.3
292.50	21.9	10.5	48.0
315.00	19.1	10.6	55.8
337.50	20.5	11.0	53.6

POSITION 4

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	10.2	6.9	68.0
22.50	14.5	10.7	74.1
45.00	10.6	6.4	60.7
67.50	27.7	11.0	39.8
90.00	32.3	9.1	28.3
112.50	23.5	8.9	38.1
135.00	13.4	6.4	47.7
157.50	12.5	5.0	40.3
180.00	12.6	7.3	57.8
202.50	17.4	10.7	61.7
225.00	15.2	8.7	57.1
247.50	26.3	10.6	40.5
270.00	9.3	6.4	68.4
292.50	14.7	8.1	55.1
315.00	11.5	7.0	61.0
337.50	12.7	8.6	67.6

TABLE 2-2. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 5

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	20.3	11.2	55.0
22.50	25.6	13.8	54.1
45.00	39.8	16.0	40.1
67.50	54.4	9.9	18.2
90.00	63.6	11.3	17.8
112.50	60.9	12.4	20.4
135.00	48.8	14.1	28.9
157.50	46.5	16.7	35.9
180.00	42.2	19.2	45.4
202.50	60.9	14.3	23.5
225.00	61.7	13.2	21.4
247.50	62.0	11.8	19.1
270.00	44.0	11.7	26.6
292.50	29.4	17.4	59.1
315.00	25.5	13.2	51.9
337.50	16.7	9.7	58.0

POSITION 6

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	18.2	10.3	56.2
22.50	15.3	9.2	60.4
45.00	20.2	10.8	53.4
67.50	37.7	20.9	55.5
90.00	67.0	13.8	20.6
112.50	68.8	11.3	16.4
135.00	64.4	11.8	18.3
157.50	58.2	13.5	23.1
180.00	26.7	15.8	59.3
202.50	29.2	17.8	61.1
225.00	21.9	13.8	62.9
247.50	28.5	11.8	41.3
270.00	38.1	16.1	42.2
292.50	48.1	20.8	43.2
315.00	21.4	15.1	70.7
337.50	17.4	9.5	54.8

POSITION 7

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	68.6	9.0	13.1
22.50	55.6	8.8	15.8
45.00	48.5	3.1	6.6
67.50	41.2	18.3	44.4
90.00	36.6	16.4	44.7
112.50	58.9	12.4	21.0
135.00	59.3	11.1	18.7
157.50	58.7	10.7	18.3
180.00	46.3	21.8	47.1
202.50	63.3	19.0	30.0
225.00	56.3	14.2	25.2
247.50	31.0	12.6	40.7
270.00	55.0	15.6	28.4
292.50	65.1	13.6	20.9
315.00	69.6	12.4	17.9
337.50	71.7	10.5	14.6

POSITION 8

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	31.3	9.6	30.7
22.50	32.4	11.3	34.9
45.00	13.7	8.2	60.2
67.50	13.9	9.7	70.2
90.00	17.4	11.2	64.3
112.50	15.3	9.8	64.0
135.00	7.9	4.8	60.8
157.50	18.1	10.9	60.1
180.00	11.7	7.3	62.5
202.50	12.8	7.8	61.1
225.00	13.0	7.4	57.1
247.50	30.7	9.6	31.2
270.00	28.4	8.8	31.1
292.50	19.7	7.7	39.2
315.00	12.3	5.4	43.5
337.50	13.8	5.9	43.2

TABLE 2-3. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 9

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	33.9	13.4	39.5
22.50	44.3	11.8	26.7
45.00	52.3	11.4	21.8
67.50	63.9	10.3	16.1
90.00	29.2	17.1	58.3
112.50	23.6	14.5	61.7
135.00	18.5	9.0	48.9
157.50	22.5	12.3	54.8
180.00	34.0	19.0	55.8
202.50	41.1	19.0	46.2
225.00	35.4	16.6	46.9
247.50	49.3	14.2	28.8
270.00	48.2	14.2	29.4
292.50	43.3	16.6	38.4
315.00	34.8	18.2	52.2
337.50	30.7	15.6	50.8

POSITION 10

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	29.6	14.8	50.0
22.50	31.3	15.0	47.8
45.00	31.1	12.8	41.1
67.50	35.4	12.9	36.5
90.00	27.3	15.4	56.3
112.50	16.7	9.3	56.0
135.00	26.1	17.2	66.0
157.50	44.4	25.9	58.4
180.00	18.2	11.1	61.2
202.50	20.4	11.4	55.9
225.00	15.8	9.4	59.4
247.50	16.8	10.6	63.3
270.00	19.0	10.2	53.7
292.50	18.9	11.4	60.3
315.00	38.2	19.4	50.8
337.50	33.7	17.3	51.3

POSITION 11

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	33.2	14.5	43.7
22.50	41.2	13.1	31.9
45.00	47.9	11.6	24.3
67.50	56.3	9.4	16.6
90.00	44.0	17.4	39.7
112.50	30.9	16.5	53.4
135.00	17.7	10.1	57.0
157.50	20.6	13.4	65.0
180.00	36.4	18.4	50.5
202.50	50.1	17.2	34.3
225.00	40.6	15.2	37.4
247.50	50.5	16.1	31.9
270.00	55.7	16.4	29.5
292.50	52.0	18.3	35.2
315.00	39.9	19.9	49.8
337.50	33.8	16.5	48.8

POSITION 12

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	23.0	12.4	54.1
22.50	41.2	13.4	32.6
45.00	59.9	13.1	21.9
67.50	61.6	8.6	14.0
90.00	37.2	20.1	54.1
112.50	21.8	13.4	61.6
135.00	14.5	7.9	54.1
157.50	18.6	9.8	52.8
180.00	19.3	11.4	59.2
202.50	29.4	16.3	55.6
225.00	38.4	14.5	37.8
247.50	66.6	13.2	19.8
270.00	73.2	12.3	16.8
292.50	64.7	13.4	20.6
315.00	39.2	14.0	35.6
337.50	24.7	12.5	50.5

TABLE 2-4. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 13

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	30.1	14.5	48.3
22.50	27.0	13.8	51.0
45.00	29.9	11.3	37.9
67.50	42.3	9.4	22.1
90.00	56.7	15.4	27.2
112.50	41.0	22.7	55.3
135.00	18.8	11.4	60.7
157.50	15.5	8.8	56.7
180.00	23.0	12.1	52.5
202.50	25.5	15.3	60.2
225.00	40.2	15.3	38.1
247.50	64.2	13.9	21.7
270.00	69.3	12.8	18.5
292.50	63.1	12.2	19.3
315.00	50.3	12.9	25.6
337.50	42.8	13.2	30.7

POSITION 14

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	66.6	10.7	16.0
22.50	59.2	12.3	20.8
45.00	45.8	12.1	26.5
67.50	21.7	9.1	41.8
90.00	45.5	14.2	31.3
112.50	64.0	13.3	20.8
135.00	71.6	11.8	16.5
157.50	74.0	12.2	16.5
180.00	40.0	16.9	42.2
202.50	65.1	13.3	20.4
225.00	47.1	14.2	30.1
247.50	18.0	11.0	61.0
270.00	38.0	18.6	49.0
292.50	66.7	15.0	22.5
315.00	75.7	11.8	15.6
337.50	74.2	11.5	15.5

TABLE 2-5. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 1

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	76.01	3.0	86.65
4.0	44.89	7.0	60.27
7.0	18.00	11.0	34.19
11.0	5.80	15.0	18.34
15.0	1.88	18.0	11.17
19.0	.47	21.0	7.14
24.0	.14	25.0	3.77
28.0	.05	29.0	1.97
32.0	.02	33.0	1.09
36.0	.01	38.0	.53
42.0	0.00	42.0	.28
48.0	0.00	48.0	.08

POSITION 2

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	81.25	3.0	88.76
4.0	59.17	7.0	70.25
7.0	30.63	11.0	48.46
11.0	11.86	15.0	31.05
15.0	4.06	18.0	21.45
19.0	1.32	21.0	14.18
24.0	.33	25.0	8.13
28.0	.13	29.0	4.57
32.0	.04	33.0	2.45
36.0	.02	38.0	1.11
42.0	.00	42.0	.67
48.0	0.00	48.0	.34

POSITION 3

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	79.98	3.0	87.95
4.0	50.07	7.0	66.36
7.0	18.19	11.0	39.31
11.0	4.28	15.0	20.32
15.0	1.17	18.0	11.55
19.0	.33	21.0	6.51
24.0	.09	25.0	2.91
28.0	.03	29.0	1.46
32.0	.01	33.0	.76
36.0	.00	38.0	.35
42.0	0.00	42.0	.20
48.0	0.00	48.0	.06

POSITION 4

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	47.45	3.0	74.17
4.0	11.38	7.0	27.16
7.0	1.36	11.0	7.16
11.0	.12	15.0	1.83
15.0	.01	18.0	.77
19.0	0.00	21.0	.33
24.0	0.00	25.0	.07
28.0	0.00	29.0	.02
32.0	0.00	33.0	.00
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
48.0	0.00	48.0	0.00

TABLE 2-6. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 5

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	84.29	3.0	89.55
4.0	64.46	7.0	72.55
7.0	35.49	11.0	48.72
11.0	12.41	15.0	29.41
15.0	3.26	18.0	19.30
19.0	.97	21.0	11.12
24.0	.30	25.0	6.15
28.0	.08	29.0	2.94
32.0	.01	33.0	1.51
36.0	.00	38.0	.67
42.0	0.00	42.0	.36
48.0	0.00	48.0	.17

POSITION 6

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	78.87	3.0	88.17
4.0	52.65	7.0	67.55
7.0	29.16	11.0	43.82
11.0	13.28	15.0	26.08
15.0	4.69	18.0	17.60
19.0	1.66	21.0	10.77
24.0	.47	25.0	5.67
28.0	.21	29.0	2.98
32.0	.10	33.0	1.43
36.0	.03	38.0	.69
42.0	0.00	42.0	.36
48.0	0.00	48.0	.20

POSITION 7

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	88.77	3.0	90.55
4.0	75.52	7.0	76.19
7.0	48.99	11.0	54.93
11.0	22.64	15.0	35.64
15.0	8.75	18.0	24.65
19.0	3.21	21.0	15.35
24.0	1.01	25.0	8.55
28.0	.49	29.0	4.44
32.0	.28	33.0	2.43
36.0	.14	38.0	1.12
42.0	.06	42.0	.68
48.0	.00	48.0	.38

POSITION 8

VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN}) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (U _{MEAN} + 3 U _{RMS}) EXCEEDS VELOCITY LEVEL
2.0	46.73	3.0	74.66
4.0	13.27	7.0	30.83
7.0	2.44	11.0	10.17
11.0	.31	15.0	3.16
15.0	.07	18.0	1.34
19.0	.01	21.0	.51
24.0	0.00	25.0	.24
28.0	0.00	29.0	.10
32.0	0.00	33.0	.02
36.0	0.00	38.0	.01
42.0	0.00	42.0	.00
48.0	0.00	48.0	0.00

TABLE 2-7. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 9

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL
2.0	79.98
4.0	50.36
7.0	19.43
11.0	5.21
15.0	1.34
19.0	.48
24.0	.11
28.0	.03
32.0	.00
36.0	0.00
42.0	0.00
48.0	0.00

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
3.0	88.51
7.0	67.24
11.0	40.79
15.0	21.89
18.0	12.56
21.0	6.85
25.0	3.52
29.0	1.61
33.0	.91
38.0	.43
42.0	.27
48.0	.11

POSITION 10

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL
2.0	72.41
4.0	39.12
7.0	13.72
11.0	3.29
15.0	.73
19.0	.22
24.0	.04
28.0	0.00
32.0	0.00
36.0	0.00
42.0	0.00
48.0	0.00

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
3.0	85.97
7.0	60.86
11.0	36.29
15.0	21.27
18.0	13.91
21.0	9.74
25.0	5.70
29.0	3.37
33.0	2.10
38.0	.89
42.0	.64
48.0	.27

POSITION 11

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL
2.0	80.89
4.0	53.95
7.0	22.26
11.0	5.65
15.0	1.55
19.0	.53
24.0	.11
28.0	.04
32.0	.01
36.0	0.00
42.0	0.00
48.0	0.00

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
3.0	89.16
7.0	69.37
11.0	43.64
15.0	24.25
18.0	14.07
21.0	8.33
25.0	4.16
29.0	2.20
33.0	1.09
38.0	.58
42.0	.35
48.0	.18

POSITION 12

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL
2.0	74.77
4.0	42.23
7.0	17.89
11.0	6.42
15.0	2.03
19.0	.79
24.0	.30
28.0	.14
32.0	.07
36.0	.04
42.0	.01
48.0	0.00

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
3.0	87.04
7.0	60.13
11.0	32.85
15.0	15.95
18.0	9.10
21.0	5.24
25.0	2.44
29.0	1.44
33.0	.78
38.0	.43
42.0	.22
48.0	.11

TABLE 2-8. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
AROUND THE BASE OF THE BUILDING

POSITION 13

VELOCITY
LEVEL
--MPH
PERCENT TIME
(UMEAN)
EXCEEDS
VELOCITY LEVEL

2.0	77.44
4.0	46.29
7.0	18.68
11.0	5.65
15.0	1.82
19.0	.71
24.0	.30
28.0	.12
32.0	.05
36.0	.02
42.0	.00
48.0	0.00

VELOCITY
LEVEL
--MPH
PERCENT TIME
(UMEAN + 3 URMS)
EXCEEDS
VELOCITY LEVEL

3.0	87.78
7.0	62.75
11.0	35.92
15.0	17.74
18.0	10.86
21.0	6.52
25.0	3.12
29.0	1.75
33.0	.85
38.0	.50
42.0	.30
48.0	.15

POSITION 14

VELOCITY
LEVEL
--MPH
PERCENT TIME
(UMEAN)
EXCEEDS
VELOCITY LEVEL

2.0	86.90
4.0	71.82
7.0	49.51
11.0	26.07
15.0	11.95
19.0	5.45
24.0	1.70
28.0	.81
32.0	.43
36.0	.30
42.0	.12
48.0	.02

VELOCITY
LEVEL
--MPH
PERCENT TIME
(UMEAN + 3 URMS)
EXCEEDS
VELOCITY LEVEL

3.0	90.18
7.0	74.46
11.0	54.21
15.0	36.25
18.0	26.14
21.0	17.46
25.0	9.71
29.0	5.84
33.0	2.86
38.0	1.54
42.0	.88
48.0	.47

TABLE 3

Houston Wind Data--Annual Percentage Frequencies of
Wind Direction and Speed

Annual Hourly Observations of Wind Speed - Miles Per Hour

<u>Direction</u>	<u>0-3</u>	<u>4-7</u>	<u>8-12</u>	<u>13-18</u>	<u>19-24</u>	<u>25-31</u>	<u>32-38</u>	<u>39-46</u>	<u>>47</u>	<u>Total</u>
N	.266	.843	1.865	1.718	.652	.095	.007	.016	.002	5.464
NNE	.198	.949	1.507	1.444	.544	.103	.052	.000	.004	4.801
NE	.255	1.083	2.113	1.463	.326	.084	.036	.011	.005	5.377
ENE	.371	1.246	2.808	2.191	.400	.088	.011	.000	.000	7.116
E	.320	1.193	2.329	1.281	.248	.083	.013	.000	.000	5.466
ESE	.464	1.825	3.051	2.338	.554	.116	.013	.000	.000	8.362
SE	.383	1.331	3.805	3.229	1.223	.266	.063	.060	.000	10.360
SSE	.390	1.637	4.370	4.664	2.226	.493	.074	.062	.000	13.917
S	.320	1.468	3.207	2.990	.992	.192	.039	.000	.000	9.209
SSW	.316	1.095	2.202	1.730	.512	.106	.032	.000	.000	5.991
SW	.249	.940	1.375	.790	.178	.079	.007	.000	.000	3.660
WSW	.286	.929	1.256	.666	.171	.056	.030	.010	.000	3.405
W	.169	.727	.874	.414	.132	.061	.015	.013	.000	2.404
WNW	.217	.821	1.216	.796	.371	.091	.033	.009	.006	3.559
NW	.179	.788	1.359	.930	.473	.087	.035	.031	.005	3.887
NNW	.187	.820	1.682	1.847	.744	.296	.034	.050	.037	5.698
CALM	1.304	.000	.000	.000	.000	.000	.000	.000	.000	1.327
TOTAL	5.968	17.731	35.246	28.264	9.668	2.294	.497	.264	.067	100.000

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	Unbrellas 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 5-1. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
101	.430	150	-.934	210	.908	165	-1.776	210
102	.421	150	-.459	240	.872	165	-1.037	30
103	.382	150	-.458	240	.865	165	-1.231	30
104	.359	165	-.425	240	.880	165	-.912	30
105	.341	165	-.448	30	.819	165	-1.050	30
106	.324	120	-.689	30	.727	180	-1.182	30
107	.380	105	-.798	30	.785	105	-1.443	30
108	.459	90	-.829	30	.845	75	-2.005	30
109	.509	75	-.924	15	.896	75	-1.948	30
110	.577	60	-.613	0	.927	60	-1.705	315
111	.587	45	-.621	90	.941	45	-1.774	315
112	.568	30	-.646	90	1.008	15	-1.176	105
113	.503	30	-.576	90	1.014	0	-1.047	105
114	.407	345	-.435	105	.993	0	-1.042	105
115	.453	0	-.413	105	.950	15	-1.081	210
116	.473	0	-.528	225	.886	0	-1.999	210
117	.419	0	-.665	225	.929	15	-1.400	210
118	.347	0	-.909	270	.721	345	-1.386	270
119	.337	345	-1.065	270	.731	345	-1.763	270
120	.343	330	-.659	60	.696	330	-1.176	60
121	.312	315	-.479	60	.618	330	-1.276	210
122	.314	315	-.456	210	.692	315	-1.278	210
123	.338	300	-.459	210	.700	300	-1.134	210
124	.353	300	-.450	210	.767	300	-1.083	210
125	.383	300	-.455	210	.751	300	-.975	195
126	.421	285	-.910	225	.751	300	-1.510	225
127	.523	270	-1.063	225	.885	270	-1.703	225
128	.597	255	-.484	210	.924	255	-1.063	225
129	.580	240	-.551	270	.893	240	-1.217	270
130	.545	225	-.839	270	.885	225	-1.782	270
131	.493	195	-.769	270	1.035	180	-1.625	270
132	.487	195	-.539	270	.949	180	-1.047	270
133	.433	195	-.366	75	1.041	180	-1.269	165
134	.431	195	-.432	75	.930	180	-1.272	165
135	.411	195	-.492	75	.942	165	-1.015	285
136	.322	195	-.460	75	.871	180	-.917	75
137	.256	150	-.960	90	.927	165	-1.555	90
138	.276	150	-1.081	90	.909	180	-1.685	90
201	.527	150	-.899	210	.903	165	-1.516	210
202	.591	150	-.639	225	.941	150	-1.194	210
203	.580	150	-.518	225	1.011	165	-1.276	30
204	.528	135	-.443	30	1.071	165	-1.227	165
205	.497	120	-.463	30	.945	165	-1.111	30
206	.484	105	-.562	45	1.026	165	-1.010	30
207	.527	75	-.625	45	.993	165	-1.272	30
208	.472	165	-.712	300	.960	165	-1.467	300
209	.412	165	-.911	90	.915	165	-1.539	90
210	.409	45	-.841	90	.827	45	-1.634	315
211	.368	45	-.696	90	.738	45	-1.280	90
212	.289	45	-.438	90	.655	30	-1.169	165

TABLE 5-2. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
213	.135	45	-.396	105	.581	15	-.967	165
214	.234	345	-.437	270	.592	345	-.903	165
215	.335	0	-.602	270	.721	345	-1.119	270
216	.378	0	-.725	285	.726	345	-1.273	270
217	.495	0	-1.015	270	1.017	15	-1.650	270
218	.557	345	-1.081	270	1.112	345	-1.751	270
219	.478	330	-.608	60	.871	330	-1.053	180
220	.497	315	-.520	60	.887	315	-1.083	210
221	.529	315	-.471	210	.944	315	-1.461	210
222	.579	300	-.422	210	.941	300	-1.091	210
223	.593	285	-.686	225	1.005	300	-1.396	225
224	.627	270	-.923	225	.953	270	-1.471	225
225	.578	270	-1.019	225	.965	270	-1.751	225
226	.598	255	-.616	225	.968	255	-1.510	165
227	.647	240	-.615	270	.994	240	-1.410	165
228	.622	225	-.670	270	1.013	225	-1.386	270
229	.636	210	-.671	270	1.020	180	-1.273	270
230	.655	195	-.711	270	1.000	195	-1.374	270
231	.603	195	-.468	270	1.019	180	-1.179	270
232	.590	195	-.473	75	.971	180	-.900	285
233	.504	195	-.533	75	.880	180	-1.060	90
234	.394	150	-.826	90	.787	180	-1.311	90
235	.339	150	-.924	90	.875	165	-1.690	105
236	.363	150	-1.019	105	.910	165	-1.841	105
301	.555	150	-.896	210	1.017	165	-1.474	210
302	.632	150	-.621	225	.965	150	-1.165	30
303	.605	150	-.533	225	.981	165	-1.249	30
304	.614	150	-.508	240	1.009	165	-1.259	30
305	.570	135	-.462	240	.989	165	-1.412	30
306	.517	105	-.453	30	.896	105	-1.013	30
307	.381	105	-.441	30	.770	180	-1.158	30
308	.415	105	-.421	30	.777	105	-.927	30
309	.437	90	-.876	45	.777	105	-1.445	45
310	.506	90	-.944	45	.915	90	-1.433	45
311	.544	75	-.483	30	.923	75	-1.249	30
312	.601	60	-.638	90	.977	60	-1.526	90
313	.549	45	-1.138	90	.882	45	-1.895	90
314	.525	30	-.948	90	.873	30	-1.585	90
315	.504	15	-.424	90	.857	15	-.899	105
316	.475	15	-.390	105	.800	15	-.991	105
317	.449	15	-.400	105	.857	15	-1.077	105
318	.467	0	-.430	270	.773	15	-1.075	105
319	.471	0	-.610	270	.785	345	-1.031	270
320	.491	345	-.918	270	.809	345	-1.672	285
321	.455	345	-1.040	285	.764	345	-1.952	285
322	.448	330	-.656	60	.865	330	-1.232	60
323	.422	330	-.634	60	.841	330	-1.090	60
324	.432	330	-.606	60	.914	315	-1.213	60
325	.507	330	-.576	60	.967	315	-1.046	60
326	.570	315	-.459	210	.938	315	-1.139	210

TABLE 5-3. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
327	.575	300	-.443	210	.920	315	-1.089	210
328	.591	300	-.418	225	.959	300	-1.108	210
329	.576	285	-.699	225	.915	300	-1.416	225
330	.609	270	-.940	225	.982	270	-1.583	225
331	.578	255	-1.014	225	1.030	255	-1.812	225
332	.598	255	-.638	225	.986	255	-1.332	225
333	.639	240	-.639	270	.983	240	-1.328	270
334	.593	225	-.641	270	.951	225	-1.348	270
335	.639	225	-.628	270	1.031	210	-1.280	270
336	.660	195	-.618	270	1.008	180	-1.257	270
337	.638	195	-.480	270	.969	195	-1.138	270
338	.591	195	-.479	75	1.078	195	-.947	75
339	.474	195	-.607	90	.957	195	-1.184	75
340	.393	150	-.781	90	.795	150	-1.270	90
341	.349	150	-.917	105	.865	150	-1.611	90
342	.331	150	-.987	210	.802	150	-1.950	90
401	.507	150	-.823	210	.909	150	-1.488	225
402	.618	150	-.575	210	.979	165	-1.158	225
403	.623	150	-.515	225	1.069	165	-1.050	225
404	.606	135	-.471	240	.949	150	-1.718	30
405	.549	120	-.467	30	.897	120	-1.076	30
406	.558	120	-.451	30	.903	105	-1.048	30
407	.547	105	-.791	45	.926	105	-1.351	45
408	.592	90	-.855	45	.942	90	-1.480	45
409	.497	75	-.888	45	.926	90	-1.708	45
410	.562	75	-.676	45	.923	75	-1.379	45
411	.608	60	-.800	90	.988	60	-1.479	90
412	.557	45	-.917	90	.987	45	-1.619	90
413	.597	45	-.927	90	.991	30	-1.633	90
414	.593	30	-.812	90	1.015	15	-1.553	90
415	.576	15	-.428	90	1.056	15	-1.201	105
416	.556	15	-.408	105	.963	15	-.983	105
417	.555	0	-.554	270	.930	0	-1.208	105
418	.570	345	-.752	270	.953	0	-1.220	270
419	.551	345	-.939	285	.904	0	-1.585	270
420	.535	345	-1.121	285	.997	345	-2.074	270
421	.543	330	-.762	75	.954	330	-1.277	45
422	.574	330	-.592	60	.984	330	-1.124	75
423	.541	330	-.603	60	.949	330	-1.245	60
424	.571	315	-.534	60	.960	315	-1.147	210
425	.579	315	-.457	210	.945	315	-1.348	210
426	.588	285	-.559	225	.961	285	-1.772	210
427	.589	285	-.731	225	.963	285	-1.323	225
428	.614	270	-.786	225	.976	285	-1.341	225
429	.601	270	-.814	225	.992	270	-1.510	180
430	.576	255	-.808	225	.951	255	-1.462	225
431	.591	255	-.919	225	.899	255	-1.625	225
432	.563	255	-.614	225	.939	255	-1.248	225
433	.603	240	-.444	210	1.020	240	-1.210	270
434	.633	240	-.703	270	.968	240	-1.814	270

TABLE 5-4. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
435	.548	240	-.761	270	.910	225	-1.971	270
436	.552	225	-.670	270	.993	225	-1.504	270
437	.617	225	-.652	270	1.008	225	-1.437	270
438	.632	225	-.666	270	1.029	210	-1.525	270
439	.619	210	-.667	270	1.086	180	-1.369	270
440	.618	195	-.566	270	1.039	180	-1.115	270
441	.575	195	-.438	90	1.020	180	-1.268	90
442	.479	195	-.649	90	.882	180	-1.479	90
443	.337	150	-.754	90	.652	150	-1.241	90
444	.302	150	-.918	105	.703	165	-1.655	105
445	.274	150	-.912	105	.810	165	-1.714	105
446	.289	150	-.999	105	.818	165	-1.885	105
447	.387	150	-.879	210	.819	150	-1.488	210
501	.477	150	-.797	210	.865	150	-1.557	210
502	.577	150	-.610	210	1.004	150	-1.277	210
503	.602	150	-.528	225	1.036	150	-1.181	210
504	.576	150	-.476	240	.975	150	-.999	240
505	.588	150	-.460	240	.956	150	-1.075	30
506	.570	120	-.460	30	.960	150	-1.245	30
507	.568	105	-.460	30	.922	120	-1.139	75
508	.545	105	-.719	45	.955	90	-1.327	75
509	.548	90	-.752	45	.983	105	-1.531	30
510	.448	90	-.760	45	.994	90	-1.608	75
511	.368	60	-.675	45	.850	60	-1.494	30
512	.547	60	-.788	90	.895	60	-1.630	90
513	.473	45	-.824	90	.922	45	-1.596	90
514	.573	45	-.801	90	.942	75	-1.408	90
515	.591	30	-.745	90	.968	30	-1.394	90
516	.539	15	-.524	90	.953	15	-1.243	90
517	.584	0	-.416	270	1.037	15	-1.194	90
518	.597	0	-.554	270	.968	0	-1.343	270
519	.574	0	-.640	270	.935	345	-1.338	285
520	.536	345	-.966	285	.918	345	-1.895	285
521	.547	345	-1.051	285	.903	345	-1.928	285
522	.557	330	-.648	45	.929	330	-1.280	75
523	.592	330	-.586	45	.980	330	-1.034	75
524	.556	330	-.566	60	.886	330	-1.019	60
525	.566	330	-.562	60	.911	330	-1.080	60
526	.542	300	-.472	210	.892	300	-1.062	60
527	.568	300	-.489	210	.959	300	-1.082	210
528	.541	285	-.590	225	.936	300	-1.298	225
529	.554	285	-.688	225	.978	300	-1.405	225
530	.555	270	-.687	225	.942	270	-1.470	225
531	.553	255	-.684	225	.943	255	-1.460	225
532	.491	255	-.610	225	.898	240	-1.478	225
533	.561	240	-.666	270	.976	240	-1.457	270
534	.514	225	-.634	270	.980	225	-1.482	270
535	.623	225	-.634	270	1.016	225	-1.513	270
536	.594	195	-.622	270	1.014	195	-1.406	270
537	.584	195	-.506	270	1.015	180	-1.161	270

TABLE 5-5. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
538	.533	195	-.418	90	.950	180	-1.208	270
539	.426	195	-.609	90	.758	180	-1.174	90
540	.290	150	-.750	90	.635	150	-1.312	90
541	.266	150	-1.016	105	.827	150	-1.943	105
542	.229	150	-1.104	105	.948	150	-2.391	105
601	.545	150	-.856	210	.986	150	-1.748	225
602	.617	150	-.690	225	.956	150	-1.191	210
603	.642	150	-.569	225	1.092	150	-1.136	225
604	.632	135	-.518	30	1.165	165	-1.248	30
605	.632	135	-.520	30	1.091	120	-1.280	30
606	.573	105	-.478	45	.983	120	-1.338	30
607	.623	90	-.802	45	1.023	105	-1.467	45
608	.636	90	-.887	45	1.058	90	-1.626	45
609	.577	75	-.902	45	1.068	75	-1.762	45
610	.533	75	-.693	45	.924	75	-1.396	45
611	.632	60	-.893	90	1.070	60	-1.762	90
612	.466	60	-.918	90	1.078	45	-1.892	90
613	.644	45	-.903	90	1.103	45	-1.692	90
614	.596	30	-.721	90	1.062	15	-1.594	90
615	.597	15	-.591	90	1.087	0	-1.557	90
616	.612	0	-.493	270	1.095	0	-1.323	90
617	.648	0	-.642	270	1.150	0	-1.385	270
618	.618	345	-.672	270	1.110	345	-1.436	270
619	.601	345	-1.122	285	1.053	345	-2.114	285
620	.570	345	-1.247	285	1.021	345	-2.380	285
621	.591	345	-.734	45	1.024	330	-1.373	30
622	.614	330	-.525	45	1.035	330	-1.085	45
623	.592	330	-.643	60	1.075	315	-1.221	45
624	.560	330	-.653	60	1.020	315	-1.204	60
625	.565	300	-.534	210	1.043	300	-1.277	210
626	.624	285	-.564	225	1.060	300	-1.189	225
627	.590	285	-.901	225	1.073	285	-1.508	225
628	.599	270	-.926	225	1.060	270	-1.902	180
629	.547	255	-.941	225	1.120	255	-1.824	180
630	.516	255	-.792	225	.989	255	-1.472	225
631	.574	240	-.688	270	1.052	240	-1.694	270
632	.487	225	-.642	270	1.059	225	-1.707	270
633	.667	225	-.636	270	1.170	225	-1.753	270
634	.605	210	-.562	270	1.011	225	-1.528	270
635	.573	210	-.549	270	.999	180	-1.433	195
636	.458	210	-.444	90	.878	180	-1.171	270
637	.563	195	-.613	90	.990	195	-1.292	90
638	.593	195	-.784	90	.986	195	-1.575	90
639	.617	195	-1.042	90	1.043	195	-2.032	90
640	.538	195	-1.090	105	.951	195	-2.343	90
701	.572	150	-.989	225	1.035	150	-1.827	225
702	.598	150	-.569	225	.937	150	-1.131	225
703	.628	150	-.511	240	1.071	150	-1.064	240
704	.619	150	-.755	195	1.075	150	-1.641	195
705	.618	150	-.642	195	1.066	120	-1.283	195

TABLE 5-6. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
706	.545	120	-.437	30	.931	120	-1.158	30
707	.584	105	-.550	45	1.029	120	-1.890	30
708	.576	90	-.834	45	1.052	105	-1.892	45
709	.590	90	-.895	45	1.042	90	-1.937	45
710	.491	75	-.777	45	.878	75	-1.623	45
711	.521	75	-.843	45	.983	75	-1.776	45
712	.569	60	-.929	90	1.131	60	-1.779	90
713	.458	45	-.956	90	1.094	45	-2.160	90
714	.568	45	-.808	90	.966	15	-1.652	90
715	.567	30	-.803	90	1.052	15	-1.825	90
716	.598	15	-.569	90	1.088	0	-1.531	90
717	.618	15	-.476	105	1.085	0	-1.377	90
718	.542	345	-.544	270	.951	345	-1.173	270
719	.575	0	-.738	270	.978	0	-1.533	270
720	.546	345	-1.062	285	.948	345	-1.985	285
721	.540	345	-1.175	285	.943	345	-2.322	285
722	.569	330	-.629	45	.945	330	-1.322	45
723	.567	330	-.620	60	.998	330	-1.282	210
724	.567	330	-.668	60	1.003	330	-1.483	210
725	.562	330	-.644	60	1.020	300	-1.426	210
726	.557	330	-.506	210	1.009	300	-1.087	210
727	.525	300	-.592	210	.952	300	-1.686	210
728	.535	285	-.635	225	.980	300	-1.450	210
729	.572	285	-.859	225	1.064	285	-1.522	225
730	.591	270	-.927	225	1.043	270	-1.627	225
731	.510	255	-1.107	225	.967	255	-2.206	225
732	.377	255	-.801	225	.949	255	-1.848	225
733	.524	240	-.815	270	.971	240	-2.269	270
734	.438	240	-.663	270	.917	240	-2.037	270
735	.458	225	-.493	270	.811	180	-1.531	270
736	.488	195	-.446	270	.941	180	-1.287	270
737	.498	195	-.362	15	.974	180	-.987	270
738	.445	195	-.400	90	.954	180	-.835	90
739	.350	195	-.487	90	.776	180	-.942	90
740	.224	150	-.610	90	.701	165	-1.200	75
741	.198	150	-.979	90	.638	150	-1.830	105
742	.206	150	-1.201	90	.737	150	-2.078	105
801	.268	150	-.774	225	.627	150	-1.344	225
802	.407	150	-.567	225	.771	135	-1.206	195
803	.455	150	-.543	225	.839	150	-1.095	180
804	.491	150	-.416	240	.929	165	-.835	30
805	.473	150	-.462	30	.898	165	-.995	240
806	.452	135	-.504	30	.828	135	-1.264	30
807	.445	105	-.490	30	.794	105	-1.361	45
808	.447	90	-.627	45	.861	105	-1.400	30
809	.419	90	-.711	45	.834	90	-1.563	45
810	.425	75	-.755	45	.831	75	-1.567	45
811	.371	75	-.652	45	.855	75	-1.586	45
812	.441	60	-.759	90	.850	60	-1.599	90
813	.328	45	-.739	90	.727	45	-1.782	90

TABLE 5-7. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
814	.437	45	-.720	90	.850	30	-1.530	90
815	.457	30	-.656	90	.824	15	-1.637	90
816	.470	15	-.503	90	.783	15	-1.300	90
817	.449	0	-.389	105	.844	0	-1.054	90
818	.463	0	-.481	270	.857	0	-1.068	270
819	.442	345	-.641	270	.773	345	-1.365	270
820	.437	345	-.852	285	.775	345	-1.815	285
821	.423	345	-.973	285	.778	345	-2.499	270
822	.438	330	-.622	45	.808	330	-1.270	45
823	.456	330	-.514	45	.856	330	-1.056	45
824	.456	330	-.487	60	.837	330	-1.236	60
825	.434	330	-.498	60	.790	315	-1.092	210
826	.404	330	-.481	210	.827	300	-1.254	210
827	.438	285	-.478	210	.805	300	-1.388	210
828	.448	285	-.479	120	.866	300	-1.188	225
829	.419	270	-.549	210	.854	300	-1.233	210
830	.420	270	-.629	225	.863	270	-1.298	225
831	.429	255	-.773	210	.806	255	-1.620	225
832	.369	255	-.695	210	.910	240	-1.275	210
833	.422	240	-.585	270	.828	225	-1.432	285
834	.436	225	-.758	270	.870	225	-1.493	270
835	.456	210	-.705	270	.898	195	-1.288	270
836	.456	195	-.428	270	.881	195	-.882	270
837	.455	195	-.414	270	.837	195	-1.015	75
838	.423	195	-.379	270	.810	195	-1.012	270
839	.356	195	-.429	90	.758	195	-.998	270
840	.223	195	-.528	90	.583	195	-1.070	165
841	-.040	195	-.752	105	.370	150	-1.474	105
842	-.055	150	-.899	225	.507	150	-1.659	90
901	.176	150	-.757	210	.585	150	-1.426	210
902	.349	150	-.578	240	.761	150	-1.074	225
903	.415	150	-.397	240	.854	150	-1.157	270
904	.446	150	-.411	30	.770	120	-.867	30
905	.445	150	-.446	30	.802	120	-1.004	30
906	.423	150	-.468	30	.824	120	-1.129	30
907	.417	120	-.494	30	.780	120	-1.315	30
908	.385	120	-.484	30	.781	90	-1.203	30
909	.404	90	-.593	45	.886	90	-1.353	45
910	.376	90	-.691	45	.840	90	-1.432	45
911	.388	75	-.722	45	.759	75	-1.476	45
912	.297	75	-.651	45	.761	75	-1.542	45
913	.386	60	-.734	90	.806	60	-1.669	90
914	.290	45	-.729	90	.768	45	-1.699	180
915	.399	45	-.695	90	.781	45	-1.637	180
916	.397	30	-.640	90	.842	30	-1.335	90
917	.416	15	-.465	90	.815	15	-1.222	90
918	.405	0	-.416	105	.767	0	-1.152	90
919	.418	0	-.426	105	.785	0	-.926	270
920	.390	345	-.593	270	.756	345	-1.218	270
921	.391	345	-.780	285	.757	330	-1.664	270

TABLE 5-8. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
922	.359	345	-.858	285	.770	330	-1.947	270
923	.403	330	-.599	45	.811	330	-1.233	45
924	.389	330	-.494	60	.690	330	-1.095	45
925	.397	330	-.508	60	.729	315	-1.095	60
926	.399	330	-.456	60	.811	330	-1.036	210
927	.345	330	-.462	120	.726	330	-.909	60
928	.357	285	-.495	120	.755	315	-1.111	210
929	.357	285	-.490	120	.718	300	-.983	195
930	.358	285	-.540	210	.730	285	-1.516	210
931	.337	270	-.692	210	.763	270	-1.295	210
932	.341	270	-.719	210	.811	270	-1.358	165
933	.327	255	-.741	210	.932	255	-1.570	225
934	.257	255	-.815	210	.756	240	-1.539	210
935	.319	240	-.577	270	.730	240	-1.363	165
936	.344	225	-.585	270	.795	225	-1.499	165
937	.404	210	-.576	270	.805	195	-1.167	270
938	.425	210	-.533	270	.797	210	-1.105	270
939	.392	195	-.414	285	.733	210	-.878	270
940	.344	195	-.355	315	.680	210	-1.018	90
941	.259	195	-.478	90	.556	195	-1.146	90
942	.113	195	-.577	90	.406	195	-1.148	105
943	-.119	150	-.704	105	.279	150	-1.315	105
944	-.120	150	-.890	210	.391	150	-1.652	210
1001	.168	150	-.638	210	.581	135	-1.379	225
1002	.322	150	-.557	240	.807	150	-1.152	240
1003	.375	150	-.429	240	.711	150	-.929	240
1004	.412	150	-.402	30	.760	135	-1.144	30
1005	.399	135	-.449	30	.890	165	-.897	30
1006	.374	135	-.498	30	.723	165	-1.179	30
1007	.351	105	-.493	30	.752	105	-1.245	30
1008	.340	90	-.530	45	.698	105	-1.257	45
1009	.320	75	-.620	45	.696	105	-1.413	45
1010	.340	75	-.646	45	.659	90	-1.363	45
1011	.265	75	-.604	45	.729	60	-1.503	45
1012	.331	60	-.740	90	.812	60	-1.634	90
1013	.239	45	-.698	90	.762	45	-1.517	90
1014	.352	45	-.677	90	.867	45	-1.440	90
1015	.334	30	-.592	90	.658	45	-1.653	90
1016	.354	15	-.461	90	.671	15	-1.567	105
1017	.353	15	-.430	105	.696	0	-1.516	105
1018	.357	0	-.432	105	.709	0	-1.310	105
1019	.346	345	-.521	270	.753	345	-1.122	270
1020	.359	345	-.659	285	.711	345	-1.421	270
1021	.319	345	-.720	285	.606	345	-1.534	270
1022	.323	345	-.523	45	.625	330	-1.334	45
1023	.322	330	-.435	60	.638	330	-1.006	45
1024	.356	330	-.446	60	.716	315	-1.025	60
1025	.342	330	-.446	120	.705	315	-.922	60
1026	.324	330	-.469	120	.649	330	-.842	60
1027	.276	285	-.464	120	.599	315	-.853	210

TABLE 5-9. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
1028	.258	285	-.563	210	.662	285	-1.126	210
1029	.196	270	-.592	210	.553	285	-1.409	210
1030	.178	270	-.594	210	.515	270	-1.423	210
1031	.158	255	-.630	210	.529	255	-1.446	210
1032	.124	255	-.707	210	.589	240	-1.578	210
1033	.196	240	-.532	270	.600	240	-1.511	165
1034	.202	225	-.540	270	.696	210	-1.436	165
1035	.359	210	-.547	270	.833	195	-1.296	285
1036	.384	210	-.463	270	.807	195	-1.208	270
1037	.333	210	-.376	285	.717	195	-.947	270
1038	.269	210	-.372	300	.594	195	-.896	90
1039	.184	195	-.449	90	.498	195	-1.023	90
1040	.053	195	-.524	90	.409	195	-1.063	105
1041	-.106	180	-.600	105	.323	150	-1.259	105
1042	-.126	60	-.724	210	.388	150	-1.662	210
1101	.157	150	-.655	240	.570	150	-1.408	240
1102	.319	150	-.429	240	.678	150	-1.091	240
1103	.387	150	-.352	15	.751	150	-.768	240
1104	.418	150	-.370	30	.732	150	-.862	30
1105	.419	150	-.402	30	.762	135	-1.143	30
1106	.422	135	-.444	30	.799	120	-1.057	30
1107	.393	120	-.494	30	.810	120	-1.255	15
1108	.340	120	-.526	30	.742	120	-1.270	15
1109	.275	90	-.516	30	.598	75	-1.693	30
1110	.273	75	-.552	45	.648	75	-1.648	30
1111	.270	75	-.549	45	.603	75	-1.693	30
1112	.191	60	-.561	30	.611	60	-1.711	30
1113	.257	60	-.659	90	.611	60	-1.764	90
1114	.156	60	-.652	90	.619	45	-1.656	90
1115	.261	45	-.616	90	.621	30	-1.642	90
1116	.273	30	-.563	90	.664	30	-1.289	90
1117	.332	15	-.417	105	.637	15	-1.253	105
1118	.361	0	-.420	105	.663	0	-1.264	105
1119	.362	0	-.392	105	.646	345	-1.045	120
1120	.352	0	-.402	270	.653	345	-.939	270
1121	.305	345	-.554	270	.617	330	-1.562	105
1122	.296	345	-.933	60	.623	330	-1.751	105
1123	.325	330	-.835	60	.660	330	-1.430	60
1124	.366	330	-.515	60	.709	330	-1.005	60
1125	.381	330	-.394	120	.680	315	-.735	105
1126	.387	330	-.420	120	.694	330	-.724	105
1127	.365	330	-.419	120	.685	330	-.782	210
1128	.336	330	-.419	120	.704	330	-.733	60
1129	.302	285	-.405	120	.657	300	-.860	210
1130	.240	270	-.495	210	.618	270	-1.237	210
1131	.147	270	-.505	210	.483	270	-1.466	210
1132	.071	255	-.519	210	.261	270	-1.151	210
1133	.027	255	-.589	210	.163	240	-1.570	180
1134	.006	255	-.667	210	.195	240	-1.779	180
1135	.066	240	-.402	120	.648	195	-1.023	285

TABLE 5-10. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
1136	.147	180	-.429	120	.782	210	-.999	165
1137	.315	210	-.377	285	.815	210	-.979	285
1138	.326	210	-.376	285	.822	210	-1.010	285
1139	.287	210	-.337	300	.679	210	-.841	285
1140	.249	195	-.347	300	.582	195	-.769	75
1141	.206	195	-.348	300	.538	195	-.739	300
1142	.103	195	-.411	90	.476	195	-.931	90
1143	-.045	150	-.732	90	.277	150	-1.282	75
1144	-.071	150	-.803	90	.342	150	-1.418	90
1201	.227	150	-.275	90	.522	150	-1.050	240
1202	.364	150	-.268	15	.659	150	-.674	15
1203	.387	150	-.246	15	.679	150	-.644	15
1204	.410	150	-.314	345	.680	150	-.969	30
1205	.467	150	-.342	15	.816	165	-.650	15
1206	.469	150	-.378	30	.828	150	-.847	15
1207	.464	150	-.373	30	.811	150	-.781	15
1208	.436	135	-.411	30	.873	165	-.970	15
1209	.414	120	-.446	30	.863	165	-1.004	30
1210	.374	105	-.486	30	.802	165	-1.289	30
1211	.294	90	-.471	30	.696	90	-1.031	30
1212	.252	75	-.600	45	.632	90	-1.361	45
1213	.234	75	-.625	45	.550	75	-1.495	45
1214	.170	60	-.619	45	.551	60	-1.495	105
1215	.219	60	-.577	90	.512	60	-1.370	105
1216	.157	60	-.570	90	.548	45	-1.581	90
1217	.238	45	-.523	90	.683	30	-1.538	90
1218	.302	30	-.431	90	.676	15	-1.599	165
1219	.348	30	-.392	105	.751	30	-1.125	105
1220	.381	0	-.380	105	.769	345	-1.229	105
1221	.399	0	-.369	105	.794	0	-1.459	105
1222	.388	0	-.356	120	.737	345	-.961	105
1223	.355	345	-.511	270	.700	345	-.918	270
1224	.350	345	-.793	60	.719	345	-1.505	60
1225	.372	345	-.578	60	.731	345	-1.392	60
1225	.731	0	-.433	135	.760	0	-.453	135
1226	.432	330	-.372	120	.847	315	-.718	105
1227	.429	330	-.382	120	.840	330	-.748	105
1228	.422	330	-.433	120	.819	330	-.785	105
1229	.426	330	-.388	120	.820	315	-.608	195
1230	.422	330	-.416	120	.817	315	-.604	120
1231	.409	330	-.400	120	.782	330	-.581	120
1232	.344	300	-.423	120	.659	315	-.963	210
1233	.355	285	-.405	120	.737	285	-.891	165
1234	.302	270	-.461	210	.656	285	-1.308	210
1235	.229	270	-.507	210	.504	300	-1.253	210
1236	.142	270	-.554	210	.403	270	-1.332	210
1237	.044	255	-.595	210	.325	0	-1.487	210
1238	.038	255	-.636	210	.197	255	-1.731	210
1239	.044	240	-.403	120	.825	180	-1.205	165
1241	.257	210	-.346	285	.721	210	-.926	285

TABLE 5-11. LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH PRESSURE TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
1242	.327	195	-.332	300	.741	210	-.940	285
1243	.330	195	-.319	300	.737	195	-.960	285
1244	.301	195	-.324	330	.711	195	-.787	300
1245	.246	195	-.338	315	.653	195	-.749	90
1246	.145	195	-.357	315	.494	195	-.728	315
1247	.019	150	-.436	90	.384	150	-.985	105
1248	-.056	150	-.621	90	.365	150	-1.357	210
1301	-.041	45	-.530	210	.339	165	-1.412	165
1302	.005	255	-1.145	90	.256	180	-1.690	90
1303	.009	90	-.544	15	.264	165	-1.051	15
1304	.078	60	-1.081	270	.208	60	-1.630	270
1305	-.028	255	-.586	210	.236	165	-1.052	105
1306	.253	195	-.540	90	.684	165	-.984	90
1307	.288	150	-.920	90	.739	150	-1.602	90
1308	.530	210	-.471	270	1.049	210	-1.374	270
1309	.222	240	-.346	15	.686	180	-.681	15
1310	.466	45	-.545	90	.915	45	-1.077	105
1311	-.014	240	-.420	90	.438	180	-1.131	45
1312	.049	30	-.558	285	.369	15	-1.081	285
1313	.449	0	-.902	285	1.009	0	-1.604	270

TABLE 6-1. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)	TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
101	210	1.776	37.30	213	165	.967	20.31
102	30	1.037	21.78	214	165	.903	18.96
103	30	1.231	25.85	215	270	1.119	23.50
104	30	.912	19.15	216	270	1.273	26.73
105	30	1.050	22.05	217	270	1.650	34.65
106	30	1.182	24.82	218	270	1.751	36.77
107	30	1.443	30.30	219	180	1.053	22.11
108	30	2.005	42.10	220	210	1.083	22.74
109	30	1.948	40.91	221	210	1.461	30.68
110	315	1.705	35.80	222	210	1.091	22.91
111	315	1.774	37.25	223	225	1.396	29.32
112	105	1.176	24.70	224	225	1.471	30.89
113	105	1.047	21.99	225	225	1.751	36.77
114	105	1.042	21.88	226	165	1.510	31.71
115	210	1.081	22.70	227	165	1.410	29.61
116	210	1.999	41.98	228	270	1.386	29.11
117	210	1.400	29.40	229	270	1.273	26.73
118	270	1.386	29.11	230	270	1.374	28.85
119	270	1.763	37.02	231	270	1.179	24.76
120	60	1.176	24.70	232	180	.971	20.39
121	210	1.276	26.80	233	90	1.060	22.26
122	210	1.278	26.84	234	90	1.311	27.53
123	210	1.134	23.81	235	105	1.690	35.49
124	210	1.083	22.74	236	105	1.841	38.66
125	195	.975	20.48	301	210	1.474	30.95
126	225	1.510	31.71	302	30	1.165	24.46
127	225	1.703	35.76	303	30	1.249	26.23
128	225	1.063	22.32	304	30	1.259	26.44
129	270	1.217	25.56	305	30	1.412	29.65
130	270	1.782	37.42	306	30	1.013	21.27
131	270	1.625	34.12	307	30	1.158	24.32
132	270	1.047	21.99	308	30	.927	19.47
133	165	1.269	26.65	309	45	1.445	30.34
134	165	1.272	26.71	310	45	1.433	30.09
135	285	1.015	21.31	311	30	1.249	26.23
136	75	.917	19.26	312	90	1.526	32.05
137	90	1.555	32.65	313	90	1.895	39.79
138	90	1.685	35.38	314	90	1.585	33.28
201	210	1.516	31.84	315	105	.899	18.88
202	210	1.194	25.07	316	105	.991	20.81
203	30	1.276	26.80	317	105	1.077	22.62
204	165	1.227	25.77	318	105	1.075	22.58
205	30	1.111	23.33	319	270	1.031	21.65
206	165	1.026	21.55	320	285	1.672	35.11
207	30	1.272	26.71	321	285	1.952	40.99
208	300	1.467	30.81	322	60	1.232	25.87
209	90	1.539	32.32	323	60	1.090	22.89
210	315	1.634	34.31	324	60	1.213	25.47
211	90	1.280	26.88	325	60	1.046	21.97
212	165	1.169	24.55	326	210	1.139	23.92

TABLE 6-2. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)	TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
327	210	1.089	22.87	435	270	1.971	41.39
328	210	1.108	23.27	436	270	1.504	31.58
329	225	1.416	29.74	437	270	1.437	30.18
330	225	1.583	33.24	438	270	1.525	32.02
331	225	1.812	38.05	439	270	1.369	28.75
332	225	1.332	27.97	440	270	1.115	23.41
333	270	1.328	27.89	441	90	1.268	26.63
334	270	1.348	28.31	442	90	1.479	31.06
335	270	1.280	26.88	443	90	1.241	26.06
336	270	1.257	26.40	444	105	1.655	34.75
337	270	1.138	23.90	445	105	1.714	35.99
338	195	1.078	22.64	446	105	1.885	39.58
339	75	1.184	24.86	447	210	1.488	31.25
340	90	1.270	26.67	501	210	1.557	32.70
341	90	1.611	33.83	502	210	1.277	26.82
342	90	1.950	40.95	503	210	1.181	24.80
401	225	1.488	31.25	504	240	.999	20.98
402	225	1.158	24.32	505	30	1.075	22.58
403	165	1.069	22.45	506	30	1.245	26.14
404	30	1.718	36.08	507	75	1.139	23.92
405	30	1.076	22.60	508	75	1.327	27.87
406	30	1.048	22.01	509	30	1.531	32.15
407	45	1.351	28.37	510	75	1.608	33.77
408	45	1.480	31.08	511	30	1.494	31.37
409	45	1.708	35.87	512	90	1.630	34.23
410	45	1.379	28.96	513	90	1.596	33.52
411	90	1.479	31.06	514	90	1.408	29.57
412	90	1.619	34.00	515	90	1.394	29.27
413	90	1.633	34.29	516	90	1.243	26.10
414	90	1.553	32.61	517	90	1.194	25.07
415	105	1.201	25.22	518	270	1.343	28.20
416	105	.983	20.64	519	285	1.338	28.10
417	105	1.208	25.37	520	285	1.895	39.79
418	270	1.220	25.62	521	285	1.928	40.49
419	270	1.585	33.28	522	75	1.280	26.88
420	270	2.074	43.55	523	75	1.034	21.71
421	45	1.277	26.82	524	60	1.019	21.40
422	75	1.124	23.60	525	60	1.080	22.68
423	60	1.245	26.14	526	60	1.062	22.30
424	210	1.147	24.09	527	210	1.082	22.72
425	210	1.348	28.31	528	225	1.298	27.26
426	210	1.772	37.21	529	225	1.405	29.50
427	225	1.323	27.78	530	225	1.470	30.87
428	225	1.341	28.16	531	225	1.460	30.66
429	180	1.510	31.71	532	225	1.478	31.04
430	225	1.462	30.70	533	270	1.457	30.60
431	225	1.625	34.12	534	270	1.482	31.12
432	225	1.248	26.21	535	270	1.513	31.77
433	270	1.210	25.41	536	270	1.406	29.53
434	270	1.814	38.09	537	270	1.161	24.38

TABLE 6-3. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)	TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
538	270	1.208	25.37	706	30	1.158	24.32
539	90	1.174	24.65	707	30	1.890	39.69
540	90	1.312	27.55	708	45	1.892	39.73
541	105	1.943	40.80	709	45	1.937	40.68
542	105	2.391	50.21	710	45	1.623	34.08
601	225	1.748	36.71	711	45	1.776	37.30
602	210	1.191	25.01	712	90	1.779	37.36
603	225	1.136	23.86	713	90	2.160	45.36
604	30	1.248	26.21	714	90	1.652	34.69
605	30	1.280	26.88	715	90	1.825	38.33
606	30	1.338	28.10	716	90	1.531	32.15
607	45	1.467	30.81	717	90	1.377	28.92
608	45	1.626	34.15	718	270	1.173	24.63
609	45	1.762	37.00	719	270	1.533	32.19
610	45	1.396	29.32	720	285	1.985	41.68
611	90	1.762	37.00	721	285	2.322	48.76
612	90	1.892	39.73	722	45	1.322	27.76
613	90	1.692	35.53	723	210	1.282	26.92
614	90	1.594	33.47	724	210	1.483	31.14
615	90	1.557	32.70	725	210	1.426	29.95
616	90	1.323	27.78	726	210	1.087	22.83
617	270	1.385	29.08	727	210	1.686	35.41
618	270	1.436	30.16	728	210	1.450	30.45
619	285	2.114	44.39	729	225	1.522	31.96
620	285	2.380	49.98	730	225	1.627	34.17
621	30	1.373	28.83	731	225	2.206	46.33
622	45	1.085	22.78	732	225	1.848	38.81
623	45	1.221	25.64	733	270	2.269	47.65
624	60	1.204	25.28	734	270	2.037	42.78
625	210	1.277	26.82	735	270	1.531	32.15
626	225	1.189	24.97	736	270	1.287	27.03
627	225	1.508	31.67	737	270	.987	20.73
628	180	1.902	39.94	738	180	.954	20.03
629	180	1.824	38.30	739	90	.942	19.78
630	225	1.472	30.91	740	75	1.200	25.20
631	270	1.694	35.57	741	105	1.830	38.43
632	270	1.707	35.85	742	105	2.078	43.64
633	270	1.753	36.81	801	225	1.344	28.22
634	270	1.528	32.09	802	195	1.206	25.33
635	195	1.433	30.09	803	180	1.095	22.99
636	270	1.171	24.59	804	165	.929	19.51
637	90	1.292	27.13	805	240	.995	20.89
638	90	1.575	33.08	806	30	1.264	26.54
639	90	2.032	42.67	807	45	1.361	28.58
640	90	2.343	49.20	808	30	1.400	29.40
701	225	1.827	38.37	809	45	1.563	32.82
702	225	1.131	23.75	810	45	1.567	32.91
703	150	1.071	22.49	811	45	1.586	33.31
704	195	1.641	34.46	812	90	1.599	33.58
705	195	1.283	26.94	813	90	1.782	37.42

TABLE 6-4. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)	TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
814	90	1.530	32.13	922	270	1.947	40.89
815	90	1.637	34.38	923	45	1.233	25.89
816	90	1.300	27.30	924	45	1.095	22.99
817	90	1.054	22.13	925	60	1.095	22.99
818	270	1.068	22.43	926	210	1.036	21.76
819	270	1.365	28.66	927	60	.909	19.09
820	285	1.815	38.11	928	210	1.111	23.33
821	270	2.499	52.48	929	195	.983	20.64
822	45	1.270	26.67	930	210	1.516	31.84
823	45	1.056	22.18	931	210	1.295	27.19
824	60	1.236	25.96	932	165	1.358	28.52
825	210	1.092	22.93	933	225	1.570	32.97
826	210	1.254	26.33	934	210	1.539	32.32
827	210	1.388	29.15	935	165	1.363	28.62
828	225	1.188	24.95	936	165	1.499	31.48
829	210	1.233	25.89	937	270	1.167	24.51
830	225	1.298	27.26	938	270	1.105	23.20
831	225	1.620	34.02	939	270	.878	18.44
832	210	1.275	26.77	940	90	1.018	21.38
833	285	1.432	30.07	941	90	1.146	24.07
834	270	1.493	31.35	942	105	1.148	24.11
835	270	1.288	27.05	943	105	1.315	27.61
836	270	.882	18.52	944	210	1.652	34.69
837	75	1.015	21.31	1001	225	1.379	28.96
838	270	1.012	21.25	1002	240	1.152	24.19
839	270	.998	20.96	1003	240	.929	19.51
840	165	1.070	22.47	1004	30	1.144	24.02
841	105	1.474	30.95	1005	30	.897	18.84
842	90	1.659	34.84	1006	30	1.179	24.76
901	210	1.426	29.95	1007	30	1.245	26.14
902	225	1.074	22.55	1008	45	1.257	26.40
903	270	1.157	24.30	1009	45	1.413	29.67
904	30	.867	18.21	1010	45	1.363	28.62
905	30	1.004	21.08	1011	45	1.503	31.56
906	30	1.129	23.71	1012	90	1.634	34.31
907	30	1.315	27.61	1013	90	1.517	31.86
908	30	1.203	25.26	1014	90	1.440	30.24
909	45	1.353	28.41	1015	90	1.653	34.71
910	45	1.432	30.07	1016	105	1.567	32.91
911	45	1.476	31.00	1017	105	1.516	31.84
912	45	1.542	32.38	1018	105	1.310	27.51
913	90	1.669	35.05	1019	270	1.122	23.56
914	180	1.699	35.68	1020	270	1.421	29.84
915	180	1.637	34.38	1021	270	1.534	32.21
916	90	1.335	28.03	1022	45	1.334	28.01
917	90	1.222	25.66	1023	45	1.006	21.13
918	90	1.152	24.19	1024	60	1.025	21.52
919	270	.926	19.45	1025	60	.922	19.36
920	270	1.218	25.58	1026	60	.842	17.68
921	270	1.664	34.94	1027	210	.853	17.91

TABLE 6-5. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)	TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
1028	210	1.126	23.65	1136	165	.999	20.98
1029	210	1.409	29.59	1137	285	.979	20.56
1030	210	1.423	29.88	1138	285	1.010	21.21
1031	210	1.446	30.37	1139	285	.841	17.66
1032	210	1.578	33.14	1140	75	.769	16.15
1033	165	1.511	31.73	1141	300	.739	15.52
1034	165	1.436	30.16	1142	90	.931	19.55
1035	285	1.296	27.22	1143	75	1.282	26.92
1036	270	1.208	25.37	1144	90	1.418	29.78
1037	270	.947	19.89	1201	240	1.050	22.05
1038	90	.896	18.82	1202	15	.674	14.15
1039	90	1.023	21.48	1203	150	.679	14.26
1040	105	1.063	22.32	1204	30	.969	20.35
1041	105	1.259	26.44	1205	165	.816	17.14
1042	210	1.662	34.90	1206	15	.847	17.79
1101	240	1.408	29.57	1207	150	.811	17.03
1102	240	1.091	22.91	1208	15	.970	20.37
1103	240	.768	16.13	1209	30	1.004	21.08
1104	30	.862	18.10	1210	30	1.289	27.07
1105	30	1.143	24.00	1211	30	1.031	21.65
1106	30	1.057	22.20	1212	45	1.361	28.58
1107	15	1.255	26.36	1213	45	1.495	31.39
1108	15	1.270	26.67	1214	105	1.495	31.39
1109	30	1.693	35.55	1215	105	1.370	28.77
1110	30	1.648	34.61	1216	90	1.581	33.20
1111	30	1.693	35.55	1217	90	1.538	32.30
1112	30	1.711	35.93	1218	165	1.599	33.58
1113	90	1.764	37.04	1219	105	1.125	23.62
1114	90	1.656	34.78	1220	105	1.229	25.81
1115	90	1.642	34.48	1221	105	1.459	30.64
1116	90	1.289	27.07	1222	105	.961	20.18
1117	105	1.253	26.31	1223	270	.918	19.28
1118	105	1.264	26.54	1224	60	1.505	31.61
1119	120	1.045	21.94	1225	60	1.392	29.23
1120	270	.939	19.72	1225	0	.760	15.96
1121	105	1.562	32.80	1226	315	.847	17.79
1122	105	1.751	36.77	1227	330	.840	17.64
1123	60	1.430	30.03	1228	330	.819	17.20
1124	60	1.005	21.11	1229	315	.820	17.22
1125	105	.735	15.43	1230	315	.817	17.16
1126	105	.724	15.20	1231	330	.782	16.42
1127	210	.782	16.42	1232	210	.963	20.22
1128	60	.733	15.39	1233	165	.891	18.71
1129	210	.860	18.06	1234	210	1.308	27.47
1130	210	1.237	25.98	1235	210	1.253	26.31
1131	210	1.466	30.79	1236	210	1.332	27.97
1132	210	1.151	24.17	1237	210	1.487	31.23
1133	180	1.570	32.97	1238	210	1.731	36.35
1134	180	1.779	37.36	1239	165	1.205	25.30
1135	285	1.023	21.48	1241	285	.926	19.45

TABLE 6-6. MAXIMUM LOADS IN POUNDS PER SQUARE FOOT

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
1242	285	.940	19.74
1243	285	.960	20.16
1244	300	.787	16.53
1245	90	.749	15.73
1246	315	.728	15.29
1247	105	.985	20.68
1248	210	1.357	28.50
1301	165	1.412	29.65
1302	90	1.690	35.49
1303	15	1.051	22.07
1304	270	1.630	34.23
1305	105	1.052	22.09
1306	90	.984	20.66
1307	90	1.602	33.64
1308	270	1.374	28.85
1309	180	.686	14.41
1310	105	1.077	22.62
1311	45	1.131	23.75
1312	285	1.081	22.70
1313	270	1.604	33.68

TABLE 7

Force and Moment Coefficients

Wind Direction	CF_x	CF_y	CM_x	CM_y
0	-.196	-.640	.140	.068
15	-.233	-.522	.126	.077
30	-.087	-.378	.107	.056
45	-.042	-.186	.043	.024
60	-.152	.332	-.068	.029
75	-.207	.252	-.053	.032
90	.033	.324	-.067	-.012
105	.117	.640	-.123	-.022
120	.204	.942	-.174	-.036
135	.221	.897	-.164	-.035
150	.286	.949	-.170	-.043
165	.188	.664	-.120	-.020
180	.212	.221	-.043	-.040
195	.530	.126	-.029	-.086
210	.229	.327	-.065	-.083
225	.029	.119	-.018	-.010
240	.127	-.302	.062	-.025
255	.218	-.319	.062	-.034
270	.126	-.283	.050	-.012
285	.125	-.471	.094	-.000
300	-.000	-.607	.120	.022
315	-.183	-.764	.150	.051
330	-.218	-.841	.169	.062
345	-.262	-.780	.163	.074

Note: See equations and sketch in Figure 20.

APPENDIX A
PROGRAM DATA

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	-.356	.065	-.140	-.642	0	221	.190	.069	.492	-.036	0	401	-.347	.056	-.213	-.664
0	102	-.352	.058	-.149	-.696	0	222	.070	.060	.242	-.116	0	402	-.328	.042	-.213	-.490
0	103	-.344	.057	-.133	-.674	0	223	-.056	.051	.119	-.230	0	403	-.336	.039	-.225	-.491
0	104	-.341	.052	-.171	-.543	0	224	-.269	.049	-.093	-.448	0	404	-.329	.041	-.197	-.519
0	105	-.330	.053	-.130	-.534	0	225	-.311	.017	-.268	-.365	0	405	-.311	.041	-.194	-.451
0	106	-.345	.070	-.155	-.787	0	226	-.344	.051	-.187	-.555	0	406	-.300	.043	-.164	-.450
0	107	-.366	.096	-.169	-.884	0	227	-.340	.052	-.180	-.564	0	407	-.308	.046	-.156	-.486
0	108	-.407	.131	-.126	-1.125	0	228	-.338	.051	-.180	-.573	0	408	-.297	.047	-.147	-.474
0	109	-.545	.200	-.092	-1.596	0	229	-.347	.050	-.185	-.621	0	409	-.296	.051	-.128	-.486
0	110	-.613	.186	-.073	-1.302	0	230	-.345	.050	-.176	-.509	0	410	-.295	.051	-.137	-.633
0	111	-.171	.216	.446	-.929	0	231	-.341	.050	-.176	-.498	0	411	-.317	.053	-.144	-.574
0	112	.242	.225	.864	-.553	0	232	-.338	.050	-.171	-.496	0	412	-.319	.089	.047	-.621
0	113	.353	.219	1.014	-.524	0	233	-.350	.048	-.178	-.495	0	413	-.298	.117	.683	-.154
0	114	.395	.181	.993	-.259	0	234	-.340	.042	-.178	-.486	0	414	.472	.127	.858	.040
0	115	.453	.150	.941	-.338	0	235	-.343	.046	-.192	-.524	0	415	.540	.133	.927	.135
0	116	.473	.126	.886	.010	0	236	-.355	.056	-.208	-.638	0	416	.542	.125	.897	.206
0	117	.419	.113	.748	.003	0	301	-.364	.052	-.214	-.560	0	417	.555	.124	.930	.224
0	118	.347	.096	.630	-.005	0	302	-.349	.046	-.202	-.545	0	418	.542	.121	.953	.191
0	119	.164	.103	.514	-.210	0	303	-.334	.043	-.194	-.483	0	419	.446	.119	.904	.109
0	120	.114	.088	.456	-.237	0	304	-.324	.042	-.178	-.448	0	420	.320	.140	.782	-.252
0	121	.112	.072	.399	-.167	0	305	-.328	.042	-.182	-.495	0	421	.338	.122	.734	-.203
0	122	.056	.066	.285	-.200	0	306	-.314	.046	-.170	-.488	0	422	.374	.090	.683	.071
0	123	.013	.062	.212	-.215	0	307	-.305	.051	-.166	-.490	0	423	.331	.081	.624	.087
0	124	-.041	.059	.198	-.321	0	308	-.293	.051	-.137	-.486	0	424	.295	.075	.551	.101
0	125	-.091	.056	.130	-.326	0	309	-.303	.055	-.149	-.521	0	425	.239	.070	.468	.041
0	126	-.244	.049	-.065	-.446	0	310	-.316	.064	-.135	-.688	0	426	.090	.058	.312	-.096
0	127	-.338	.059	-.157	-.562	0	311	-.314	.066	-.121	-.656	0	427	-.061	.048	.147	-.223
0	128	-.324	.051	-.154	-.498	0	312	-.321	.063	-.147	-.643	0	428	-.233	.043	-.078	-.404
0	129	-.319	.052	-.142	-.526	0	313	-.237	.097	.095	-.595	0	429	-.350	.056	-.200	-.579
0	130	-.326	.050	-.147	-.507	0	314	.305	.110	.614	-.043	0	430	-.332	.055	-.177	-.536
0	131	-.324	.049	-.150	-.487	0	315	.416	.117	.744	.038	0	431	-.341	.053	-.191	-.536
0	132	-.338	.052	-.176	-.498	0	316	.443	.116	.777	.085	0	432	-.333	.047	-.190	-.468
0	133	-.341	.056	-.133	-.584	0	317	.444	.120	.794	.078	0	433	-.323	.047	-.178	-.467
0	134	-.344	.057	-.106	-.577	0	318	.467	.091	.720	.194	0	434	-.328	.047	-.183	-.468
0	135	-.338	.057	-.126	-.570	0	319	.471	.105	.771	.180	0	435	-.339	.047	-.205	-.485
0	136	-.329	.053	-.162	-.541	0	320	.416	.101	.721	.116	0	436	-.337	.051	-.178	-.544
0	137	-.332	.058	-.123	-.565	0	321	.240	.132	.586	-.247	0	437	-.325	.051	-.172	-.533
0	138	-.355	.065	-.143	-.690	0	322	.218	.108	.562	-.270	0	438	-.325	.051	-.170	-.525
0	201	-.354	.054	-.201	-.558	0	323	.260	.082	.536	-.009	0	439	-.335	.049	-.186	-.528
0	202	-.344	.047	-.200	-.527	0	324	.303	.079	.567	.031	0	440	-.330	.045	-.180	-.467
0	203	-.331	.044	-.196	-.495	0	325	.295	.075	.559	.080	0	441	-.316	.045	-.177	-.447
0	204	-.326	.043	-.207	-.492	0	326	.219	.073	.538	-.035	0	442	-.318	.045	-.177	-.460
0	205	-.319	.045	-.193	-.487	0	327	.153	.067	.448	-.055	0	443	-.330	.045	-.190	-.490
0	206	-.321	.050	-.159	-.514	0	328	.081	.060	.336	-.104	0	444	-.345	.050	-.162	-.584
0	207	-.335	.067	-.147	-.869	0	329	-.070	.050	.119	-.256	0	445	-.344	.055	-.150	-.579
0	208	-.358	.069	-.147	-.715	0	330	-.321	.052	-.163	-.522	0	446	-.357	.060	-.142	-.596
0	209	-.378	.082	-.167	-.770	0	331	-.334	.052	-.157	-.529	0	447	-.367	.057	-.181	-.577
0	210	-.396	.094	-.157	-.816	0	332	-.323	.049	-.157	-.498	0	501	-.373	.058	-.172	-.627
0	211	-.234	.074	.002	-.538	0	333	-.339	.049	-.166	-.512	0	502	-.337	.041	-.178	-.477
0	212	-.101	.085	.208	-.507	0	334	-.336	.049	-.168	-.507	0	503	-.333	.038	-.200	-.455
0	213	.042	.105	.374	-.399	0	335	-.328	.048	-.157	-.444	0	504	-.336	.037	-.228	-.440
0	214	.178	.108	.568	-.236	0	336	-.325	.047	-.166	-.488	0	505	-.329	.040	-.223	-.454
0	215	.335	.122	.720	-.222	0	337	-.339	.046	-.170	-.545	0	506	-.305	.041	-.181	-.432
0	216	.378	.122	.720	-.128	0	338	-.336	.046	-.175	-.573	0	507	-.298	.043	-.170	-.457
0	217	.495	.136	.982	-.032	0	339	-.329	.047	-.192	-.586	0	508	-.304	.045	-.163	-.467
0	218	.492	.127	.910	.031	0	340	-.327	.046	-.166	-.498	0	509	-.299	.045	-.158	-.607
0	219	.308	.088	.601	.005	0	341	-.350	.048	-.157	-.550	0	510	-.290	.048	-.130	-.694
0	220	.250	.075	.546	.031	0	342	-.355	.058	-.164	-.780	0	511	-.296	.049	-.139	-.681

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	512	-.312	.051	-.153	-.784	0	528	-.285	.055	-.090	-.525	0	804	-.337	.039	-.215	-.458
0	513	-.346	.073	-.058	-.627	0	529	-.392	.076	-.150	-.775	0	805	-.321	.039	-.209	-.458
0	514	-.237	.117	-.676	-.130	0	530	-.304	.064	-.123	-.707	0	806	-.314	.040	-.185	-.471
0	515	-.435	.129	-.643	-.024	0	531	-.399	.074	-.180	-.912	0	807	-.299	.043	-.157	-.463
0	516	-.511	.130	-.909	.155	0	532	-.413	.079	-.205	-1.017	0	808	-.292	.047	-.140	-.506
0	517	-.584	.126	-.977	.251	0	533	-.380	.069	-.168	-.943	0	809	-.296	.051	-.111	-.656
0	518	-.597	.122	-.968	.272	0	534	-.289	.054	-.103	-.605	0	810	-.302	.058	-.092	-.774
0	519	-.574	.115	-.874	.275	0	535	-.373	.062	-.140	-.555	0	811	-.303	.059	-.106	-.774
0	520	-.457	.111	-.797	.112	0	536	-.378	.062	-.140	-.570	0	812	-.310	.063	-.104	-.899
0	521	-.287	.154	-.705	-.266	0	537	-.362	.062	-.053	-.552	0	813	-.337	.075	-.044	-.634
0	522	-.304	.140	-.756	-.216	0	538	-.287	.049	-.067	-.445	0	814	-.155	.106	.539	-.132
0	523	-.365	.089	-.737	.114	0	539	-.381	.054	-.182	-.575	0	815	-.333	.113	.729	.050
0	524	-.317	.078	-.657	.115	0	540	-.436	.074	-.220	-.817	0	816	-.430	.116	.768	.136
0	525	-.280	.075	-.531	.102	0	701	-.405	.053	-.240	-.582	0	817	-.449	.116	.844	.145
0	526	-.228	.068	-.467	.054	0	702	-.361	.041	-.195	-.445	0	818	-.463	.113	.857	.182
0	527	-.163	.062	-.361	-.005	0	703	-.395	.050	-.223	-.548	0	819	-.435	.100	.748	.199
0	528	-.067	.054	-.249	-.084	0	704	-.401	.050	-.242	-.558	0	820	-.370	.093	.695	.134
0	529	-.052	.045	-.119	-.183	0	705	-.386	.052	-.192	-.550	0	821	-.245	.141	.675	-.238
0	530	-.209	.043	-.058	-.368	0	706	-.296	.048	-.157	-.463	0	822	-.255	.126	.645	-.220
0	531	-.306	.052	-.142	-.510	0	707	-.360	.052	-.207	-.553	0	823	-.295	.077	.603	.083
0	532	-.316	.050	-.134	-.520	0	708	-.363	.057	-.185	-.618	0	824	-.276	.068	.548	.092
0	533	-.323	.051	-.173	-.556	0	709	-.351	.060	-.160	-.695	0	825	-.241	.065	.517	.062
0	534	-.313	.052	-.168	-.551	0	710	-.282	.057	-.103	-.702	0	826	-.196	.060	.442	.036
0	535	-.310	.051	-.152	-.538	0	711	-.372	.065	-.178	-.760	0	827	-.092	.051	.368	-.065
0	536	-.317	.049	-.175	-.558	0	712	-.387	.071	-.190	-.845	0	828	-.021	.044	.249	-.176
0	537	-.329	.052	-.150	-.576	0	713	-.407	.091	-.047	-.778	0	829	-.129	.036	.029	-.281
0	538	-.314	.050	-.157	-.510	0	714	-.208	.114	.620	-.092	0	830	-.230	.043	-.093	-.371
0	539	-.315	.051	-.104	-.530	0	715	-.402	.136	.983	.015	0	831	-.305	.057	-.120	-.503
0	540	-.329	.048	-.148	-.536	0	716	-.510	.136	1.088	.160	0	832	-.299	.055	-.118	-.481
0	541	-.393	.057	-.183	-.612	0	717	-.572	.134	1.085	.225	0	833	-.304	.058	-.117	-.481
0	542	-.450	.082	-.233	-.857	0	718	-.539	.111	.905	.245	0	834	-.296	.063	-.129	-.594
0	601	-.419	.069	-.232	-.773	0	719	-.575	.123	.978	.275	0	835	-.299	.059	-.145	-.600
0	602	-.322	.045	-.198	-.490	0	720	-.487	.121	.897	.140	0	836	-.305	.052	-.160	-.553
0	603	-.397	.050	-.238	-.587	0	721	-.351	.172	.828	-.378	0	837	-.316	.049	-.160	-.506
0	604	-.393	.049	-.242	-.583	0	722	-.344	.132	.790	-.248	0	838	-.321	.050	-.167	-.514
0	605	-.371	.051	-.207	-.570	0	723	-.396	.104	.718	-.012	0	839	-.320	.050	-.142	-.548
0	606	-.276	.048	-.123	-.493	0	724	-.398	.091	.655	.088	0	840	-.314	.048	-.090	-.477
0	607	-.349	.057	-.182	-.588	0	725	-.335	.082	.602	.122	0	841	-.326	.050	-.108	-.483
0	608	-.361	.060	-.180	-.635	0	726	-.269	.063	.487	.100	0	842	-.345	.050	-.120	-.591
0	609	-.356	.065	-.157	-.625	0	727	-.196	.061	.422	-.047	0	901	-.347	.054	-.131	-.631
0	610	-.276	.057	-.107	-.650	0	728	-.110	.056	.332	-.145	0	902	-.330	.039	-.168	-.472
0	611	-.365	.060	-.185	-.757	0	729	-.004	.051	.235	-.237	0	903	-.331	.036	-.198	-.475
0	612	-.406	.081	-.017	-.652	0	730	-.127	.046	.038	-.382	0	904	-.334	.041	-.201	-.483
0	613	-.235	.131	.708	-.118	0	731	-.522	.107	-.247	-1.390	0	905	-.336	.042	-.190	-.494
0	614	-.451	.121	.832	.152	0	732	-.472	.088	-.195	-1.220	0	906	-.332	.043	-.167	-.472
0	615	-.582	.144	1.087	.208	0	733	-.433	.083	-.205	-1.634	0	907	-.325	.047	-.167	-.480
0	616	-.612	.140	1.095	.233	0	734	-.338	.071	-.152	-1.087	0	908	-.310	.047	-.162	-.502
0	617	-.648	.136	1.150	.277	0	735	-.345	.060	-.210	-.723	0	909	-.303	.052	-.109	-.509
0	618	-.568	.111	.978	.270	0	736	-.346	.057	-.212	-.801	0	910	-.299	.053	-.134	-.542
0	619	-.529	.126	.935	.183	0	737	-.337	.047	-.218	-.566	0	911	-.306	.053	-.083	-.591
0	620	-.379	.168	.852	-.277	0	738	-.335	.044	-.192	-.534	0	912	-.309	.060	-.112	-.714
0	621	-.401	.151	.813	-.235	0	739	-.337	.042	-.217	-.570	0	913	-.315	.061	-.081	-.725
0	622	-.422	.087	.713	.188	0	740	-.341	.046	-.182	-.597	0	914	-.340	.077	.012	-.678
0	623	-.366	.091	.738	.135	0	741	-.333	.048	-.150	-.527	0	915	-.114	.101	.538	-.150
0	624	-.311	.081	.635	.102	0	742	-.335	.055	-.148	-.564	0	916	-.280	.100	.623	.041
0	625	-.264	.073	.580	.082	0	801	-.349	.051	-.139	-.608	0	917	-.381	.106	.745	.129
0	626	-.137	.052	.348	-.025	0	802	-.342	.043	-.167	-.503	0	918	-.405	.105	.767	.132
0	627	-.055	.054	.268	-.212	0	803	-.339	.041	-.192	-.485	0	919	-.418	.103	.785	.153

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	920	.368	.092	.725	.175	0	1034	-.301	.053	-.107	-.480	0	1206	-.321	.045	-.170	-.508
0	921	.323	.094	.703	.089	0	1035	-.292	.052	-.113	-.507	0	1207	-.300	.047	-.165	-.502
0	922	.207	.132	.636	-.243	0	1036	-.298	.054	-.123	-.496	0	1208	-.272	.068	-.078	-.528
0	923	.216	.118	.603	-.185	0	1037	-.288	.054	-.069	-.496	0	1209	-.295	.053	-.142	-.529
0	924	.266	.072	.533	.051	0	1038	-.289	.054	-.087	-.504	0	1210	-.309	.056	-.139	-.624
0	925	.257	.065	.499	.086	0	1039	-.292	.052	-.068	-.467	0	1211	-.301	.064	-.109	-.745
0	926	.234	.064	.464	-.312	0	1040	-.301	.051	-.113	-.444	0	1212	-.309	.071	-.101	-.858
0	927	.190	.053	.432	.062	0	1041	-.315	.056	-.048	-.514	0	1213	-.319	.069	-.124	-.874
0	928	.159	.048	.357	.034	0	1042	-.357	.079	-.162	-.696	0	1214	-.337	.073	-.127	-.781
0	929	.118	.044	.307	-.002	0	1101	-.336	.068	-.149	-.637	0	1215	-.348	.084	-.118	-.820
0	930	.036	.041	.205	-.086	0	1102	-.326	.054	-.141	-.514	0	1216	-.383	.081	-.132	-.766
0	931	-.061	.041	.118	-.179	0	1103	-.319	.048	-.139	-.469	0	1217	.039	.075	.325	-.180
0	932	-.201	.044	-.048	-.338	0	1104	-.330	.048	-.179	-.478	0	1218	.228	.086	.591	.025
0	933	-.297	.054	-.136	-.480	0	1105	-.330	.049	-.178	-.491	0	1219	.334	.091	.699	.111
0	934	-.301	.053	-.144	-.480	0	1106	-.343	.051	-.191	-.527	0	1220	.381	.093	.752	.144
0	935	-.299	.050	-.150	-.486	0	1107	-.347	.054	-.179	-.635	0	1221	.399	.087	.794	.186
0	936	-.306	.050	-.157	-.493	0	1108	-.345	.057	-.178	-.554	0	1222	.388	.077	.719	.191
0	937	-.296	.050	-.116	-.480	0	1109	-.326	.062	-.081	-.753	0	1223	.332	.068	.585	.170
0	938	-.302	.052	-.100	-.480	0	1110	-.330	.065	-.050	-.800	0	1224	.280	.086	.583	-.011
0	939	-.316	.057	-.118	-.640	0	1111	-.328	.069	-.027	-.931	0	1225	.277	.085	.569	-.100
0	940	-.319	.056	-.124	-.642	0	1112	-.339	.070	-.078	-.855	0	1225	.731	.009	.760	.703
0	941	-.308	.053	-.136	-.609	0	1113	-.345	.074	-.137	-.806	0	1226	.297	.061	.557	.129
0	942	-.314	.051	-.120	-.537	0	1114	-.384	.080	-.110	-.811	0	1227	.269	.054	.508	.114
0	943	-.321	.053	-.107	-.498	0	1115	.013	.079	.301	-.199	0	1228	.255	.048	.428	.124
0	944	-.361	.067	-.152	-.659	0	1116	.190	.082	.485	-.086	0	1229	.266	.052	.551	.142
0	1001	-.346	.059	-.168	-.642	0	1117	.319	.078	.623	.139	0	1230	.284	.059	.551	.162
0	1002	-.337	.044	-.208	-.517	0	1118	.361	.078	.663	.160	0	1231	.277	.064	.565	.145
0	1003	-.330	.045	-.166	-.503	0	1119	.362	.073	.623	.167	0	1232	.140	.049	.389	.005
0	1004	-.337	.044	-.210	-.486	0	1120	.352	.068	.575	.157	0	1233	.151	.049	.402	.028
0	1005	-.334	.046	-.189	-.530	0	1121	.301	.060	.493	.129	0	1234	.107	.043	.337	-.005
0	1006	-.344	.053	-.183	-.569	0	1122	.220	.092	.474	-.080	0	1235	.030	.037	.208	-.062
0	1007	-.333	.055	-.183	-.654	0	1123	.229	.080	.469	-.038	0	1236	-.075	.035	.078	-.193
0	1008	-.327	.056	-.160	-.638	0	1124	.274	.054	.462	.082	0	1237	-.281	.061	.325	-.464
0	1009	-.316	.056	-.142	-.614	0	1125	.248	.041	.368	.141	0	1238	-.283	.046	-.131	-.472
0	1010	-.325	.060	-.124	-.675	0	1126	.239	.040	.351	.136	0	1239	-.272	.044	-.123	-.454
0	1011	-.336	.062	-.157	-.730	0	1127	.218	.040	.343	.105	0	1241	-.287	.046	-.129	-.443
0	1012	-.350	.071	-.154	-.837	0	1128	.175	.036	.297	.070	0	1242	-.296	.046	-.145	-.456
0	1013	-.363	.081	.105	-.739	0	1129	.162	.044	.361	.049	0	1243	-.294	.044	-.147	-.433
0	1014	.077	.095	.446	-.323	0	1130	.102	.040	.271	-.007	0	1244	-.300	.045	-.157	-.444
0	1015	.223	.088	.538	.002	0	1131	.014	.035	.165	-.090	0	1245	-.299	.043	-.162	-.474
0	1016	.318	.089	.664	.099	0	1132	-.140	.038	.021	-.265	0	1246	-.314	.044	-.132	-.505
0	1017	.346	.085	.696	.141	0	1133	-.283	.047	-.144	-.431	0	1247	-.305	.051	-.127	-.567
0	1018	.357	.083	.709	.139	0	1134	-.281	.047	-.145	-.422	0	1248	-.299	.068	-.031	-.533
0	1019	.339	.083	.614	.115	0	1135	-.274	.045	-.147	-.404	0	1301	-.386	.084	-.063	-.702
0	1020	.306	.082	.619	.040	0	1136	-.283	.045	-.154	-.423	0	1302	-.354	.074	-.111	-.655
0	1021	.213	.115	.545	-.238	0	1137	-.284	.046	-.137	-.438	0	1303	-.422	.080	-.200	-.828
0	1022	.216	.101	.515	-.204	0	1138	-.293	.047	-.160	-.444	0	1304	-.364	.073	-.116	-.739
0	1023	.259	.068	.535	.056	0	1139	-.289	.046	-.131	-.444	0	1305	-.407	.081	-.198	-.997
0	1024	.252	.061	.524	.113	0	1140	-.298	.045	-.149	-.462	0	1306	-.331	.042	-.196	-.582
0	1025	.229	.053	.465	.108	0	1141	-.298	.045	-.100	-.446	0	1307	-.341	.041	-.215	-.603
0	1026	.194	.049	.396	.076	0	1142	-.297	.049	-.111	-.471	0	1308	-.338	.054	-.128	-.698
0	1027	.133	.046	.322	.066	0	1143	-.293	.052	-.070	-.487	0	1309	-.311	.053	-.111	-.485
0	1028	.072	.043	.260	-.053	0	1144	-.311	.056	-.065	-.524	0	1310	-.119	.072	.181	-.302
0	1029	-.019	.040	.160	-.142	0	1201	-.225	.056	.007	-.454	0	1311	-.198	.067	.026	-.442
0	1030	-.151	.041	.013	-.315	0	1202	-.223	.056	-.087	-.524	0	1312	-.089	.150	.352	-.811
0	1031	-.293	.055	-.058	-.465	0	1203	-.207	.058	-.054	-.523	0	1313	.449	.195	1.009	-.550
0	1032	-.296	.055	-.073	-.465	0	1204	-.299	.076	-.072	-.521	0	0	0.000	0.000	0.000	0.000
0	1033	-.294	.053	-.097	-.470	0	1205	-.328	.046	-.176	-.533	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	101	-.387	.085	-.143	-.748	15	221	.036	.047	.219	-.090	15	401	-.421	.064	-.249	-.705
15	102	-.384	.077	-.134	-.786	15	222	-.068	.044	.112	-.192	15	402	-.394	.051	-.240	-.600
15	103	-.376	.076	-.133	-.798	15	223	-.180	.039	-.052	-.326	15	403	-.394	.044	-.269	-.532
15	104	-.375	.075	-.109	-.777	15	224	-.362	.047	-.215	-.524	15	404	-.365	.044	-.246	-.636
15	105	-.384	.086	-.069	-.765	15	225	-.380	.053	-.219	-.581	15	405	-.351	.045	-.205	-.536
15	106	-.497	.143	-.148	-1.001	15	226	-.376	.052	-.221	-.561	15	406	-.337	.046	-.194	-.504
15	107	-.645	.181	-.178	-1.196	15	227	-.374	.052	-.221	-.570	15	407	-.347	.049	-.194	-.577
15	108	-.793	.253	-.246	-1.532	15	228	-.370	.052	-.226	-.565	15	408	-.332	.048	-.171	-.500
15	109	-.924	.298	-.062	-1.692	15	229	-.381	.051	-.239	-.565	15	409	-.335	.054	-.151	-.541
15	110	-.551	.177	-.007	-1.270	15	230	-.368	.050	-.217	-.586	15	410	-.330	.055	-.158	-.638
15	111	.163	.237	.822	-.893	15	231	-.365	.050	-.215	-.593	15	411	-.408	.066	-.187	-.746
15	112	.439	.215	1.008	-.498	15	232	-.359	.050	-.191	-.575	15	412	-.081	.153	.401	-.638
15	113	.414	.234	.934	-.508	15	233	-.375	.050	-.207	-.588	15	413	.461	.133	.930	.059
15	114	.284	.239	.848	-.484	15	234	-.380	.048	-.214	-.559	15	414	.571	.129	1.015	.164
15	115	.249	.222	.950	-.395	15	235	-.388	.055	-.205	-.648	15	415	.576	.125	1.056	.191
15	116	.352	.195	.844	-.360	15	236	-.398	.069	-.207	-.759	15	416	.556	.123	.963	.169
15	117	.416	.146	.929	-.257	15	301	-.414	.062	-.230	-.686	15	417	.532	.117	.903	.149
15	118	.283	.095	.608	-.202	15	302	-.391	.055	-.223	-.638	15	418	.443	.106	.762	.059
15	119	-.107	.108	.388	-.615	15	303	-.375	.050	-.217	-.613	15	419	.225	.107	.575	-.101
15	120	-.120	.065	.150	-.329	15	304	-.363	.049	-.226	-.577	15	420	-.143	.188	.323	-.720
15	121	-.056	.048	.121	-.226	15	305	-.370	.049	-.228	-.547	15	421	-.083	.176	.352	-.640
15	122	-.081	.045	.091	-.226	15	306	-.354	.050	-.219	-.657	15	422	.142	.074	.360	-.139
15	123	-.105	.043	.036	-.260	15	307	-.340	.049	-.196	-.554	15	423	.143	.061	.333	-.052
15	124	-.138	.040	.016	-.274	15	308	-.328	.051	-.155	-.545	15	424	.125	.057	.317	-.039
15	125	-.184	.039	-.024	-.319	15	309	-.345	.054	-.196	-.570	15	425	.082	.051	.286	-.054
15	126	-.322	.041	-.172	-.458	15	310	-.364	.066	-.178	-.757	15	426	-.054	.042	.144	-.178
15	127	-.349	.052	-.159	-.560	15	311	-.356	.064	-.164	-.741	15	427	-.171	.037	-.017	-.291
15	128	-.358	.053	-.178	-.581	15	312	-.390	.072	-.110	-.766	15	428	-.307	.042	-.181	-.492
15	129	-.354	.054	-.172	-.596	15	313	.004	.137	.410	-.531	15	429	-.400	.055	-.241	-.642
15	130	-.358	.053	-.183	-.577	15	314	.469	.121	.830	-.020	15	430	-.372	.050	-.235	-.642
15	131	-.356	.052	-.184	-.576	15	315	.504	.118	.857	.023	15	431	-.366	.048	-.216	-.616
15	132	-.349	.050	-.184	-.610	15	316	.475	.110	.800	.110	15	432	-.368	.049	-.233	-.568
15	133	-.343	.054	-.143	-.574	15	317	.449	.108	.857	.055	15	433	-.358	.048	-.223	-.551
15	134	-.342	.053	-.128	-.576	15	318	.442	.112	.773	.077	15	434	-.373	.049	-.228	-.568
15	135	-.339	.053	-.155	-.543	15	319	.398	.105	.707	.021	15	435	-.373	.049	-.236	-.573
15	136	-.360	.055	-.169	-.645	15	320	.230	.092	.522	-.098	15	436	-.367	.048	-.206	-.559
15	137	-.368	.066	-.157	-.720	15	321	-.146	.137	.240	-.589	15	437	-.357	.048	-.201	-.558
15	138	-.343	.079	-.188	-.777	15	322	-.116	.132	.288	-.550	15	438	-.364	.048	-.204	-.571
15	201	-.395	.067	-.233	-.734	15	323	.056	.082	.338	-.253	15	439	-.362	.047	-.204	-.561
15	202	-.377	.053	-.184	-.565	15	324	.142	.071	.386	-.135	15	440	-.373	.048	-.196	-.536
15	203	-.362	.051	-.150	-.588	15	325	.125	.057	.312	-.109	15	441	-.361	.048	-.129	-.528
15	204	-.355	.051	-.159	-.588	15	326	.062	.052	.256	-.091	15	442	-.377	.048	-.204	-.546
15	205	-.355	.059	-.169	-.639	15	327	.004	.047	.210	-.130	15	443	-.380	.048	-.151	-.611
15	206	-.372	.059	-.198	-.651	15	328	-.053	.042	.141	-.205	15	444	-.402	.061	-.214	-.677
15	207	-.432	.103	-.188	-1.008	15	329	-.186	.036	-.025	-.313	15	445	-.406	.074	-.191	-.727
15	208	-.431	.093	-.183	-.898	15	330	-.394	.050	-.203	-.559	15	446	-.435	.084	-.231	-.814
15	209	-.422	.099	-.124	-.948	15	331	-.369	.051	-.212	-.568	15	447	-.425	.077	-.226	-.766
15	210	-.360	.096	-.014	-.851	15	332	-.359	.049	-.207	-.561	15	501	-.442	.074	-.281	-.744
15	211	-.168	.119	.259	-.502	15	333	-.376	.049	-.223	-.582	15	502	-.391	.052	-.265	-.611
15	212	-.063	.135	.438	-.460	15	334	-.381	.054	-.198	-.625	15	503	-.386	.046	-.248	-.556
15	213	-.022	.117	.581	-.643	15	335	-.374	.053	-.199	-.616	15	504	-.372	.044	-.238	-.546
15	214	.012	.099	.377	-.383	15	336	-.367	.051	-.194	-.598	15	505	-.370	.052	-.179	-.638
15	215	.082	.136	.605	-.508	15	337	-.380	.050	-.208	-.609	15	506	-.346	.052	-.159	-.590
15	216	.196	.160	.696	-.438	15	338	-.364	.047	-.201	-.513	15	507	-.351	.054	-.179	-.605
15	217	.364	.162	1.017	-.296	15	339	-.365	.047	-.185	-.547	15	508	-.344	.058	-.149	-.742
15	218	.302	.142	.674	-.271	15	340	-.365	.048	-.187	-.550	15	509	-.337	.054	-.179	-.648
15	219	.102	.077	.336	-.317	15	341	-.392	.055	-.203	-.575	15	510	-.331	.058	-.149	-.791
15	220	.078	.053	.267	-.184	15	342	-.415	.070	-.242	-.684	15	511	-.347	.059	-.166	-.725

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	512	-.396	.065	-.169	-.715	15	628	-.348	.057	-.172	-.662	15	804	-.379	.052	-.230	-.556
15	513	-.143	.138	.342	-.596	15	629	-.402	.078	-.208	-.861	15	805	-.365	.052	-.208	-.556
15	514	.405	.134	.817	-.034	15	630	-.316	.067	-.169	-.713	15	806	-.353	.054	-.192	-.588
15	515	.521	.133	.926	.122	15	631	-.414	.077	-.226	-.961	15	807	-.337	.058	-.155	-.739
15	516	.539	.126	.953	.203	15	632	-.430	.083	-.240	-1.030	15	808	-.330	.067	-.128	-1.045
15	517	.562	.125	1.037	.228	15	633	-.386	.068	-.174	-.726	15	809	-.327	.065	-.136	-.796
15	518	.532	.113	.940	.228	15	634	-.301	.054	-.105	-.567	15	810	-.337	.071	-.154	-.842
15	519	.432	.100	.801	.188	15	635	-.366	.059	-.176	-.625	15	811	-.338	.072	-.151	-.753
15	520	.204	.117	.730	-.164	15	636	-.381	.057	-.189	-.561	15	812	-.382	.079	-.143	-.782
15	521	-.127	.196	.365	-1.065	15	637	-.380	.057	-.191	-.594	15	813	-.185	.139	.317	-.626
15	522	-.086	.185	.362	-.958	15	638	-.321	.050	-.132	-.547	15	814	.307	.131	.693	-.086
15	523	.150	.078	.399	-.224	15	639	-.437	.065	-.253	-.692	15	815	.426	.121	.824	.062
15	524	.148	.056	.357	-.042	15	640	-.518	.101	-.289	-.897	15	816	.470	.113	.783	.108
15	525	.124	.048	.310	-.012	15	701	-.462	.074	-.275	-.772	15	817	.441	.101	.758	.200
15	526	.087	.042	.251	-.032	15	702	-.357	.054	-.199	-.556	15	818	.418	.093	.772	.176
15	527	.019	.038	.168	-.104	15	703	-.438	.060	-.194	-.667	15	819	.333	.082	.648	.120
15	528	-.050	.034	.079	-.156	15	704	-.438	.060	-.194	-.740	15	820	.168	.102	.514	-1.120
15	529	-.148	.034	.012	-.276	15	705	-.419	.061	-.177	-.761	15	821	-.170	.192	.420	-.839
15	530	-.271	.041	-.151	-.489	15	706	-.333	.059	-.086	-.724	15	822	-.130	.176	.390	-.767
15	531	-.334	.050	-.166	-.605	15	707	-.395	.067	-.186	-.731	15	823	.098	.082	.384	-.346
15	532	-.335	.048	-.186	-.608	15	708	-.398	.072	-.138	-.967	15	824	.119	.055	.350	-.025
15	533	-.349	.048	-.189	-.544	15	709	-.390	.078	-.138	-1.020	15	825	.110	.047	.325	.002
15	534	-.341	.049	-.178	-.543	15	710	-.333	.073	-.123	-1.059	15	826	.078	.042	.285	-.030
15	535	-.345	.048	-.164	-.558	15	711	-.400	.086	-.149	-1.032	15	827	-.004	.034	.154	-.090
15	536	-.340	.045	-.199	-.559	15	712	-.459	.097	-.194	-1.069	15	828	-.096	.032	.035	-.187
15	537	-.344	.042	-.191	-.509	15	713	-.224	.172	.544	-.814	15	829	-.180	.030	-.063	-.312
15	538	-.334	.043	-.193	-.513	15	714	.365	.143	.966	-.029	15	830	-.255	.036	-.124	-.399
15	539	-.354	.043	-.199	-.528	15	715	.551	.145	1.052	.150	15	831	-.303	.046	-.128	-.503
15	540	-.368	.046	-.229	-.554	15	716	.598	.134	1.015	.221	15	832	-.297	.046	-.124	-.466
15	541	-.455	.065	-.290	-.713	15	717	.618	.128	.998	.268	15	833	-.298	.047	-.132	-.466
15	542	-.530	.107	-.260	-1.082	15	718	.524	.102	.863	.268	15	834	-.302	.045	-.163	-.457
15	601	-.506	.102	-.294	-.966	15	719	.463	.111	.895	.206	15	835	-.310	.044	-.166	-.466
15	602	-.373	.059	-.230	-.599	15	720	.239	.124	.650	-.132	15	836	-.319	.044	-.162	-.471
15	603	-.450	.063	-.252	-.812	15	721	-.121	.236	.517	-1.045	15	837	-.325	.048	-.135	-.523
15	604	-.436	.060	-.226	-.763	15	722	-.053	.191	.407	-.809	15	838	-.313	.045	-.106	-.449
15	605	-.411	.063	-.211	-.697	15	723	.171	.086	.480	-.328	15	839	-.318	.046	-.154	-.449
15	606	-.312	.058	-.133	-.559	15	724	.170	.063	.415	-.059	15	840	-.325	.047	-.157	-.461
15	607	-.378	.067	-.172	-1.022	15	725	.165	.053	.365	.002	15	841	-.352	.053	-.165	-.561
15	608	-.393	.075	-.174	-1.302	15	726	.119	.040	.265	.005	15	842	-.417	.077	-.220	-.707
15	609	-.392	.077	-.165	-1.189	15	727	.061	.044	.329	-.093	15	901	-.426	.089	-.212	-.772
15	610	-.306	.065	-.120	-.783	15	728	-.015	.041	.245	-.165	15	902	-.383	.058	-.220	-.607
15	611	-.459	.093	-.208	-1.092	15	729	-.110	.040	.118	-.243	15	903	-.374	.054	-.220	-.612
15	612	-.205	.166	.530	-.728	15	730	-.228	.047	-.068	-.466	15	904	-.377	.063	-.214	-.723
15	613	.450	.167	1.033	-.005	15	731	-.519	.108	-.284	-1.069	15	905	-.377	.065	-.208	-.753
15	614	.570	.137	1.062	.218	15	732	-.482	.092	-.277	-1.032	15	906	-.369	.065	-.182	-.867
15	615	.597	.141	.991	.196	15	733	-.449	.083	-.263	-.937	15	907	-.358	.068	-.160	-.902
15	616	.576	.132	.988	.192	15	734	-.369	.075	-.209	-.829	15	908	-.348	.063	-.159	-.666
15	617	.566	.125	1.023	.213	15	735	-.383	.077	-.225	-.859	15	909	-.343	.068	-.143	-1.107
15	618	.450	.100	.858	.167	15	736	-.376	.069	-.238	-.824	15	910	-.336	.068	-.128	-.888
15	619	.231	.132	.716	-.145	15	737	-.362	.055	-.220	-.707	15	911	-.341	.071	-.157	-.812
15	620	-.187	.243	.441	-.861	15	738	-.364	.051	-.222	-.631	15	912	-.352	.077	-.124	-.946
15	621	-.126	.224	.436	-.777	15	739	-.363	.048	-.231	-.626	15	913	-.385	.084	-.168	-.962
15	622	.182	.085	.425	-.263	15	740	-.375	.048	-.201	-.653	15	914	-.216	.131	.230	-.633
15	623	.177	.068	.412	.002	15	741	-.385	.057	-.195	-.699	15	915	.243	.119	.629	-.071
15	624	.141	.057	.356	-.007	15	742	-.416	.079	-.197	-.840	15	916	.365	.112	.788	.063
15	625	.108	.050	.316	-.022	15	801	-.414	.069	-.190	-.747	15	917	.416	.104	.815	.157
15	626	.018	.035	.196	-.091	15	802	-.399	.057	-.230	-.626	15	918	.405	.095	.742	.179
15	627	-.162	.041	-.007	-.336	15	803	-.393	.056	-.219	-.615	15	919	.382	.089	.696	.189

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	920	.315	.081	.652	-.086	15	1034	-.304	.048	-.129	-.535	15	1206	-.341	.076	-.105	-.847
15	921	.177	.096	.566	-.176	15	1035	-.296	.048	-.127	-.458	15	1207	-.318	.081	-.097	-.781
15	922	-.089	.176	.377	-.734	15	1036	-.302	.049	-.150	-.481	15	1208	-.311	.108	-.086	-.970
15	923	-.054	.162	.365	-.633	15	1037	-.295	.046	-.164	-.459	15	1209	-.335	.073	-.123	-.870
15	924	.109	.077	.387	-.325	15	1038	-.299	.045	-.152	-.469	15	1210	-.341	.073	-.144	-.679
15	925	.128	.054	.363	-.025	15	1039	-.291	.045	-.124	-.438	15	1211	-.330	.084	-.079	-.996
15	926	.127	.043	.317	0.000	15	1040	-.315	.052	-.003	-.487	15	1212	-.336	.091	-.074	-.946
15	927	.092	.039	.249	-.016	15	1041	-.354	.070	-.104	-.634	15	1213	-.352	.087	-.078	-.791
15	928	.070	.035	.216	-.025	15	1042	-.424	.104	-.126	-.970	15	1214	-.375	.092	-.110	-.885
15	929	.039	.032	.177	-.041	15	1101	-.403	.099	-.192	-.809	15	1215	-.393	.098	-.144	-.906
15	930	-.025	.030	.117	-.097	15	1102	-.370	.069	-.173	-.654	15	1216	-.312	.113	.100	-.731
15	931	-.108	.029	.023	-.206	15	1103	-.352	.065	-.206	-.651	15	1217	.103	.088	.495	-.188
15	932	-.228	.033	-.117	-.354	15	1104	-.358	.067	-.200	-.714	15	1218	.270	.089	.676	.050
15	933	-.305	.042	-.127	-.451	15	1105	-.350	.069	-.167	-.705	15	1219	.346	.086	.663	.149
15	934	-.308	.042	-.121	-.451	15	1106	-.371	.073	-.177	-.842	15	1220	.368	.081	.676	.186
15	935	-.301	.048	-.152	-.517	15	1107	-.380	.082	-.182	-1.255	15	1221	.371	.076	.703	.176
15	936	-.308	.049	-.164	-.532	15	1108	-.369	.083	-.150	-1.270	15	1222	.319	.062	.634	.157
15	937	-.299	.048	-.144	-.512	15	1109	-.361	.087	-.165	-1.117	15	1223	.197	.067	.414	-.023
15	938	-.302	.050	-.130	-.562	15	1110	-.367	.089	-.155	-1.264	15	1224	.046	.125	.348	-.380
15	939	-.304	.042	-.154	-.433	15	1111	-.367	.091	-.164	-1.208	15	1225	.082	.116	.404	-.306
15	940	-.310	.043	-.157	-.456	15	1112	-.381	.097	-.155	-1.074	15	1225	.300	.006	.323	.277
15	941	-.306	.043	-.119	-.454	15	1113	-.374	.194	.451	-.993	15	1226	.182	.057	.416	.002
15	942	-.324	.049	-.135	-.522	15	1114	-.319	.130	.365	-.732	15	1227	.170	.045	.361	.042
15	943	-.375	.072	-.168	-.715	15	1115	.092	.139	.507	-.562	15	1228	.162	.040	.328	.055
15	944	-.456	.114	-.198	-1.026	15	1116	.250	.094	.659	-.102	15	1229	.179	.041	.319	.039
15	1001	-.425	.109	-.130	-.993	15	1117	.332	.081	.637	.154	15	1230	.198	.047	.435	.055
15	1002	-.387	.074	-.109	-.816	15	1118	.352	.077	.642	.171	15	1231	.198	.049	.450	.061
15	1003	-.366	.063	-.117	-.600	15	1119	.332	.068	.602	.163	15	1232	.075	.035	.201	-.032
15	1004	-.368	.066	-.168	-.676	15	1120	.292	.061	.527	.136	15	1233	.076	.030	.252	-.010
15	1005	-.375	.071	-.164	-.717	15	1121	.183	.065	.477	-.011	15	1234	.052	.028	.207	-.044
15	1006	-.392	.081	-.144	-.809	15	1122	.014	.122	.369	-.348	15	1235	-.003	.026	.113	-.091
15	1007	-.370	.080	-.094	-1.004	15	1123	.048	.105	.344	-.309	15	1236	-.094	.028	-.005	-.186
15	1008	-.362	.080	-.109	-1.021	15	1124	.156	.058	.353	-.168	15	1237	-.269	.046	-.125	-.432
15	1009	-.352	.077	-.164	-1.003	15	1125	.171	.036	.298	.068	15	1238	-.265	.046	-.116	-.422
15	1010	-.363	.080	-.167	-.981	15	1126	.171	.034	.288	.084	15	1239	-.252	.043	-.108	-.401
15	1011	-.361	.081	-.165	-.750	15	1127	.157	.033	.273	.066	15	1241	-.262	.044	-.118	-.403
15	1012	-.407	.098	-.150	-.865	15	1128	.115	.030	.251	.024	15	1242	-.266	.045	-.129	-.406
15	1013	-.258	.129	.273	-.687	15	1129	.089	.030	.251	.005	15	1243	-.258	.043	-.121	-.401
15	1014	.176	.110	.560	-.114	15	1130	.049	.029	.204	-.029	15	1244	-.267	.043	-.144	-.407
15	1015	.300	.096	.616	.043	15	1131	-.014	.026	.125	-.095	15	1245	-.274	.041	-.095	-.424
15	1016	.354	.089	.671	.126	15	1132	-.141	.032	-.031	-.247	15	1246	-.295	.046	-.149	-.488
15	1017	.353	.083	.661	.157	15	1133	-.272	.045	-.108	-.422	15	1247	-.295	.067	-.081	-.574
15	1018	.334	.079	.634	.135	15	1134	-.271	.044	-.116	-.414	15	1248	-.316	.100	.015	-.755
15	1019	.291	.071	.583	.109	15	1135	-.263	.042	-.120	-.403	15	1301	-.395	.077	-.102	-.727
15	1020	.179	.089	.572	-.089	15	1136	-.270	.043	-.118	-.419	15	1302	-.554	.107	-.241	-.855
15	1021	-.054	.171	.390	-.672	15	1137	-.261	.046	-.081	-.445	15	1303	-.544	.102	-.219	-1.051
15	1022	-.026	.152	.344	-.565	15	1138	-.264	.040	-.063	-.458	15	1304	-.374	.070	-.122	-.760
15	1023	.129	.074	.347	-.306	15	1139	-.252	.049	-.086	-.448	15	1305	-.509	.084	-.274	-.838
15	1024	.145	.050	.332	.006	15	1140	-.260	.049	-.023	-.461	15	1306	-.367	.044	-.221	-.514
15	1025	.137	.041	.312	.035	15	1141	-.273	.046	-.076	-.433	15	1307	-.387	.046	-.271	-.577
15	1026	.113	.037	.279	.010	15	1142	-.293	.052	-.091	-.483	15	1308	-.361	.060	-.214	-.693
15	1027	.071	.032	.220	-.005	15	1143	-.308	.065	-.087	-.556	15	1309	-.346	.051	-.162	-.681
15	1028	.024	.031	.173	-.059	15	1144	-.351	.084	-.100	-.752	15	1310	.009	.207	.755	-.574
15	1029	-.054	.030	.076	-.144	15	1201	-.247	.082	-.026	-.715	15	1311	-.303	.073	-.047	-.605
15	1030	-.169	.034	-.061	-.287	15	1202	-.268	.088	-.071	-.674	15	1312	-.020	.153	.369	-.636
15	1031	-.295	.049	-.099	-.520	15	1203	-.246	.081	-.011	-.644	15	1313	.419	.188	.907	-.358
15	1032	-.299	.049	-.102	-.532	15	1204	-.304	.084	-.086	-.674	0	0	0.000	0.000	0.000	0.000
15	1033	-.297	.048	-.109	-.535	15	1205	-.342	.069	-.105	-.650	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	101	-.350	.096	-.010	-.816	30	221	-.118	.065	.078	-.386	30	401	-.419	.111	.040	-1.056
30	102	-.363	.108	-.004	-1.037	30	222	-.139	.041	.015	-.313	30	402	-.394	.088	.049	-1.083
30	103	-.384	.125	.044	-1.231	30	223	-.219	.044	-.084	-.389	30	403	-.424	.094	-.119	-.826
30	104	-.407	.136	.002	-.912	30	224	-.348	.065	-.176	-.595	30	404	-.467	.121	-.039	-1.718
30	105	-.448	.158	.003	-1.050	30	225	-.347	.069	-.179	-.622	30	405	-.467	.114	-.127	-1.076
30	106	-.689	.162	-.164	-1.182	30	226	-.317	.065	-.131	-.557	30	406	-.451	.110	-.144	-1.048
30	107	-.798	.177	-.164	-1.443	30	227	-.316	.065	-.117	-.555	30	407	-.454	.102	-.191	-1.013
30	108	-.829	.203	-.345	-2.005	30	228	-.306	.063	-.121	-.523	30	408	-.419	.091	-.216	-.843
30	109	-.907	.195	-.326	-1.948	30	229	-.321	.062	-.137	-.541	30	409	-.421	.095	-.205	-.979
30	110	-.194	.173	.364	-.836	30	230	-.325	.060	-.122	-.533	30	410	-.458	.100	-.208	-1.053
30	111	.468	.153	.903	-.075	30	231	-.329	.060	-.139	-.609	30	411	-.321	.155	.176	-.858
30	112	.568	.126	.874	-.113	30	232	-.322	.062	-.122	-.630	30	412	.262	.170	.776	-.486
30	113	.503	.130	.867	-.259	30	233	-.336	.066	-.096	-.706	30	413	.571	.129	.991	.210
30	114	.397	.154	.851	-.386	30	234	-.322	.075	.002	-.677	30	414	.593	.118	.954	.191
30	115	.313	.180	.776	-.444	30	235	-.336	.090	-.045	-.877	30	415	.529	.107	.845	.171
30	116	.213	.185	.705	-.498	30	236	-.350	.107	-.052	-.994	30	416	.478	.104	.808	.188
30	117	.142	.176	.761	-.465	30	301	-.378	.107	-.017	-1.024	30	417	.416	.095	.769	.151
30	118	.053	.138	.554	-.383	30	302	-.401	.117	.039	-1.165	30	418	.269	.083	.660	.035
30	119	-.283	.206	.291	-1.302	30	303	-.426	.129	-.020	-1.249	30	419	-.068	.100	.348	-.354
30	120	-.248	.110	.047	-.731	30	304	-.432	.134	-.070	-1.259	30	420	-.591	.181	-.101	-1.158
30	121	-.159	.055	.057	-.357	30	305	-.448	.129	-.127	-1.412	30	421	-.500	.163	-.050	-1.005
30	122	-.143	.048	.075	-.334	30	306	-.453	.120	-.008	-1.013	30	422	-.142	.123	.082	-.885
30	123	-.142	.047	.070	-.317	30	307	-.441	.111	-.079	-1.158	30	423	-.054	.049	.099	-.304
30	124	-.161	.045	.002	-.319	30	308	-.421	.102	-.156	-.927	30	424	-.049	.049	.129	-.181
30	125	-.194	.046	-.038	-.355	30	309	-.444	.115	-.151	-1.217	30	425	-.050	.042	.141	-.180
30	126	-.300	.056	-.131	-.505	30	310	-.424	.121	-.171	-1.236	30	426	-.122	.036	.007	-.240
30	127	-.325	.076	-.127	-.655	30	311	-.483	.121	-.181	-1.249	30	427	-.201	.040	-.072	-.336
30	128	-.294	.059	-.106	-.533	30	312	-.209	.146	.277	-.868	30	428	-.288	.056	.109	-.522
30	129	-.292	.059	-.103	-.514	30	313	.310	.155	.771	-.277	30	429	-.348	.072	-.113	-.615
30	130	-.293	.057	-.096	-.496	30	314	.525	.117	.873	.035	30	430	-.312	.065	-.116	-.576
30	131	-.290	.056	-.089	-.463	30	315	.483	.106	.803	.039	30	431	-.307	.061	-.092	-.541
30	132	-.294	.059	-.125	-.498	30	316	.417	.095	.684	.052	30	432	-.304	.061	-.126	-.516
30	133	-.294	.060	-.104	-.561	30	317	.377	.093	.634	.050	30	433	-.294	.062	-.126	-.496
30	134	-.300	.062	-.104	-.658	30	318	.350	.089	.637	.064	30	434	-.302	.063	-.129	-.514
30	135	-.301	.069	-.075	-.695	30	319	.269	.080	.563	-.007	30	435	-.306	.062	-.133	-.504
30	136	-.319	.073	-.049	-.708	30	320	.030	.078	.319	-.277	30	436	-.305	.062	-.126	-.588
30	137	-.334	.083	-.056	-.703	30	321	-.434	.137	.035	-.967	30	437	-.297	.062	-.113	-.581
30	138	-.358	.089	-.085	-.762	30	322	-.226	.089	.022	-.674	30	438	-.306	.061	-.123	-.578
30	201	-.368	.109	.014	-.910	30	323	-.120	.070	.096	-.402	30	439	-.311	.059	-.123	-.526
30	202	-.381	.118	.078	-.935	30	324	-.116	.082	.139	-.441	30	440	-.329	.072	-.123	-.655
30	203	-.405	.134	.070	-1.276	30	325	-.106	.093	.129	-.421	30	441	-.325	.074	-.059	-.608
30	204	-.443	.138	-.038	-1.156	30	326	-.075	.055	.079	-.319	30	442	-.339	.078	-.066	-.585
30	205	-.463	.138	-.106	-1.111	30	327	-.095	.042	.045	-.345	30	443	-.344	.083	-.071	-.647
30	206	-.505	.131	-.179	-1.010	30	328	-.121	.038	.008	-.340	30	444	-.351	.084	-.037	-.659
30	207	-.620	.176	-.144	-1.272	30	329	-.214	.044	-.064	-.379	30	445	-.353	.095	-.024	-.744
30	208	-.484	.130	-.101	-1.060	30	330	-.360	.068	-.126	-.657	30	446	-.381	.102	-.047	-.798
30	209	-.331	.125	.056	-.919	30	331	-.324	.066	-.114	-.598	30	447	-.377	.094	-.052	-.786
30	210	-.158	.143	.447	-.564	30	332	-.302	.062	-.102	-.510	30	501	-.426	.126	-.081	-.884
30	211	.019	.146	.614	-.341	30	333	-.316	.062	-.121	-.516	30	502	-.390	.101	-.018	-.731
30	212	.093	.134	.655	-.353	30	334	-.321	.066	-.112	-.605	30	503	-.417	.103	-.029	-.769
30	213	.048	.114	.534	-.298	30	335	-.321	.065	-.107	-.583	30	504	-.438	.110	.017	-.966
30	214	-.008	.096	.376	-.486	30	336	-.316	.063	-.112	-.573	30	505	-.457	.126	-.030	-1.075
30	215	-.054	.088	.270	-.444	30	337	-.336	.064	-.129	-.605	30	506	-.460	.136	-.087	-1.245
30	216	-.107	.119	.400	-.827	30	338	-.327	.058	-.151	-.530	30	507	-.460	.130	-.138	-1.016
30	217	-.099	.186	.411	-.860	30	339	-.327	.062	-.084	-.696	30	508	-.440	.120	-.153	-1.193
30	218	-.198	.208	.487	-.660	30	340	-.320	.069	-.039	-.642	30	509	-.453	.112	-.198	-1.531
30	219	-.204	.124	.162	-.743	30	341	-.349	.084	-.045	-.780	30	510	-.445	.112	-.173	-1.361
30	220	-.155	.095	.103	-.543	30	342	-.381	.104	-.080	-.902	30	511	-.494	.125	-.200	-1.494

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	512	-.389	.155	.161	-1.057	30	628	-.312	.073	-.116	-.642	30	804	-.411	.116	.027	-.835
30	513	.169	.186	.823	-.568	30	629	-.336	.096	-.111	-.809	30	805	-.462	.134	.014	-.936
30	514	.554	.139	.919	.173	30	630	-.247	.090	-.050	-.726	30	806	-.504	.147	-.003	-1.264
30	515	.591	.126	.968	.186	30	631	-.363	.109	-.141	-.924	30	807	-.490	.148	-.053	-1.298
30	516	.535	.109	.862	.168	30	632	-.374	.119	-.106	-.939	30	808	-.479	.150	-.090	-1.400
30	517	.477	.100	.786	.212	30	633	-.313	.085	-.091	-.917	30	809	-.471	.156	-.128	-1.317
30	518	.404	.090	.726	.173	30	634	-.217	.058	-.052	-.537	30	810	-.487	.160	-.117	-1.380
30	519	.246	.080	.564	.018	30	635	-.312	.060	-.098	-.545	30	811	-.509	.174	-.127	-1.461
30	520	-.102	.112	.312	-.521	30	636	-.341	.062	-.146	-.538	30	812	-.439	.172	.125	-1.086
30	521	-.604	.196	-.052	-1.279	30	637	-.354	.068	-.100	-.600	30	813	.042	.188	.630	-.660
30	522	-.523	.173	-.010	-1.164	30	638	-.303	.078	-.018	-.577	30	814	.411	.134	.850	.006
30	523	-.161	.160	.136	-.857	30	639	-.435	.104	-.136	-.868	30	815	.457	.113	.805	.109
30	524	-.038	.052	.131	-.375	30	640	-.522	.160	-.111	-1.148	30	816	.441	.096	.756	.181
30	525	-.016	.036	.123	-.146	30	701	-.459	.119	-.061	-.831	30	817	.394	.089	.723	.148
30	526	-.021	.032	.111	-.124	30	702	-.367	.103	.108	-.726	30	818	.332	.081	.666	.132
30	527	-.057	.031	.094	-.161	30	703	-.462	.121	.088	-.896	30	819	.194	.074	.565	-.035
30	528	-.103	.032	.042	-.212	30	704	-.492	.131	.121	-1.057	30	820	-.073	.109	.304	-.498
30	529	-.170	.039	-.060	-.344	30	705	-.508	.141	.148	-1.162	30	821	-.493	.195	-.032	-1.190
30	530	-.251	.054	-.086	-.561	30	706	-.437	.151	.153	-1.158	30	822	-.424	.173	.003	-1.045
30	531	-.279	.066	-.069	-.751	30	707	-.513	.151	.101	-1.890	30	823	-.111	.126	.135	-.739
30	532	-.285	.065	-.092	-.724	30	708	-.507	.153	-.050	-1.710	30	824	-.010	.044	.130	-.262
30	533	-.289	.062	-.116	-.556	30	709	-.493	.151	-.145	-1.745	30	825	-0.000	.034	.140	-.130
30	534	-.280	.065	-.104	-.566	30	710	-.413	.143	-.081	-1.592	30	826	-.007	.030	.116	-.111
30	535	-.285	.059	-.106	-.548	30	711	-.534	.161	-.213	-1.351	30	827	-.052	.027	.055	-.146
30	536	-.293	.055	-.114	-.489	30	712	-.477	.173	.101	-1.333	30	828	-.110	.030	.002	-.214
30	537	-.299	.055	-.101	-.529	30	713	.058	.216	.681	-.791	30	829	-.163	.033	-.064	-.294
30	538	-.302	.059	-.097	-.548	30	714	.534	.140	.941	.096	30	830	-.192	.042	-.042	-.363
30	539	-.320	.063	-.099	-.549	30	715	.567	.131	1.007	.194	30	831	-.214	.051	-.019	-.414
30	540	-.339	.071	-.124	-.585	30	716	.540	.115	.924	.166	30	832	-.208	.050	-.026	-.401
30	541	-.433	.103	-.085	-.791	30	717	.500	.104	.846	.158	30	833	-.209	.052	-.026	-.430
30	542	-.509	.151	-.080	-1.050	30	718	.463	.085	.786	.218	30	834	-.214	.047	-.024	-.374
30	601	-.496	.145	-.048	-.976	30	719	.252	.085	.560	-.007	30	835	-.224	.048	-.035	-.397
30	602	-.371	.104	.070	-.796	30	720	-.094	.113	.291	-.450	30	836	-.233	.047	-.067	-.408
30	603	-.479	.115	.022	-1.009	30	721	-.620	.220	.018	-1.296	30	837	-.257	.050	-.058	-.443
30	604	-.518	.131	-.020	-1.248	30	722	-.436	.182	.130	-.982	30	838	-.276	.053	-.106	-.604
30	605	-.520	.140	-.098	-1.280	30	723	-.142	.152	.188	-.839	30	839	-.297	.059	-.093	-.673
30	606	-.408	.130	-.080	-1.338	30	724	-.020	.053	.171	-.269	30	840	-.309	.067	-.061	-.642
30	607	-.490	.136	-.171	-1.202	30	725	.011	.038	.155	-.111	30	841	-.339	.087	-.056	-.644
30	608	-.498	.138	-.184	-1.170	30	726	.065	.031	.176	-.037	30	842	-.388	.121	-.061	-.923
30	609	-.496	.137	-.201	-1.205	30	727	-.032	.033	.095	-.138	30	901	-.390	.128	-.055	-.899
30	610	-.432	.139	-.135	-1.074	30	728	-.081	.034	.048	-.191	30	902	-.358	.099	.019	-.739
30	611	-.455	.169	.098	-1.245	30	729	-.143	.042	.002	-.324	30	903	-.369	.104	.027	-.707
30	612	.077	.208	.656	-.590	30	730	-.186	.069	-.010	-.532	30	904	-.411	.115	.016	-.867
30	613	.509	.153	.991	.032	30	731	-.463	.158	-.128	-1.689	30	905	-.446	.124	.014	-1.004
30	614	.596	.125	1.017	.193	30	732	-.435	.133	-.125	-1.346	30	906	-.468	.131	-.040	-1.129
30	615	.578	.126	1.017	.223	30	733	-.410	.125	-.116	-1.368	30	907	-.494	.141	-.043	-1.315
30	616	.515	.112	.929	.196	30	734	-.311	.120	-.053	-1.275	30	908	-.484	.145	-.014	-1.203
30	617	.438	.098	.814	.181	30	735	-.327	.082	-.114	-.898	30	909	-.474	.138	-.178	-1.230
30	618	.317	.081	.680	.076	30	736	-.324	.074	-.130	-.787	30	910	-.463	.135	-.167	-1.110
30	619	-.084	.124	.341	-.507	30	737	-.321	.065	-.116	-.756	30	911	-.476	.143	-.159	-1.431
30	620	-.628	.232	-.037	-1.627	30	738	-.329	.065	-.092	-.692	30	912	-.507	.153	-.159	-1.221
30	621	-.530	.202	.013	-1.373	30	739	-.339	.073	-.130	-.565	30	913	-.450	.156	.042	-1.102
30	622	-.052	.146	.194	-.776	30	740	-.352	.078	-.127	-.622	30	914	-.041	.188	.589	-.652
30	623	-.021	.056	.181	-.470	30	741	-.364	.090	-.080	-.639	30	915	.299	.128	.719	-.032
30	624	-.011	.040	.155	-.133	30	742	-.407	.125	-.074	-.834	30	916	.397	.111	.842	.124
30	625	-.019	.035	.125	-.118	30	801	-.375	.111	-.039	-.853	30	917	.400	.093	.797	.178
30	626	-.025	.034	.100	-.153	30	802	-.363	.096	.042	-.707	30	918	.360	.080	.760	.146
30	627	-.185	.044	-.050	-.355	30	803	-.373	.101	-.035	-.747	30	919	.299	.071	.710	.103

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	920	.187	.068	.464	.008	30	1034	-.203	.043	-.051	-.413	30	1206	-.378	.100	-.087	-.834
30	921	-.048	.105	.310	-.368	30	1035	-.196	.040	-.041	-.348	30	1207	-.373	.100	-.082	-.763
30	922	-.439	.203	.108	-1.235	30	1036	-.208	.039	-.074	-.355	30	1208	-.411	.122	-.083	-.923
30	923	-.373	.179	.125	-1.074	30	1037	-.217	.040	-.076	-.368	30	1209	-.446	.115	-.138	-1.004
30	924	-.084	.125	.202	-.691	30	1038	-.238	.045	-.076	-.438	30	1210	-.486	.134	-.160	-1.289
30	925	.007	.046	.188	-.198	30	1039	-.256	.057	-.040	-.476	30	1211	-.471	.138	-.137	-1.031
30	926	.033	.036	.170	-.092	30	1040	-.286	.073	-.018	-.560	30	1212	-.480	.147	-.107	-1.109
30	927	.022	.028	.128	-.055	30	1041	-.318	.098	-.031	-.738	30	1213	-.477	.149	-.167	-1.384
30	928	.009	.025	.106	-.084	30	1042	-.368	.138	-.059	-1.007	30	1214	-.508	.164	-.165	-1.447
30	929	-.005	.024	.083	-.076	30	1101	-.309	.118	.007	-.875	30	1215	-.478	.138	-.118	-1.134
30	930	-.044	.025	.041	-.124	30	1102	-.303	.100	.053	-.695	30	1216	-.232	.144	.240	-.805
30	931	-.091	.028	.002	-.197	30	1103	-.316	.102	.053	-.760	30	1217	.171	.104	.683	-.143
30	932	-.163	.036	-.026	-.296	30	1104	-.370	.114	-.020	-.862	30	1218	.302	.097	.673	-.017
30	933	-.200	.045	-.023	-.363	30	1105	-.402	.122	-.048	-1.143	30	1219	.348	.086	.751	.128
30	934	-.204	.045	-.045	-.375	30	1106	-.444	.130	-.084	-1.057	30	1220	.347	.080	.696	.162
30	935	-.203	.045	-.056	-.377	30	1107	-.494	.137	-.112	-1.227	30	1221	.300	.068	.573	.145
30	936	-.208	.045	-.071	-.395	30	1108	-.526	.159	-.088	-1.265	30	1222	.225	.057	.455	.085
30	937	-.203	.042	-.020	-.362	30	1109	-.516	.179	-.165	-1.693	30	1223	.055	.079	.331	-.225
30	938	-.214	.041	-.031	-.347	30	1110	-.525	.182	-.160	-1.648	30	1224	-.160	.152	.208	-.765
30	939	-.241	.048	-.076	-.416	30	1111	-.525	.181	-.152	-1.693	30	1225	-.123	.127	.199	-.650
30	940	-.265	.051	-.084	-.461	30	1112	-.561	.202	-.165	-1.711	30	1226	.412	.012	.443	.380
30	941	-.279	.059	-.104	-.512	30	1113	-.531	.169	-.026	-1.681	30	1227	.048	.076	.296	-.296
30	942	-.310	.074	-.097	-.547	30	1114	-.206	.174	.385	-1.169	30	1228	.060	.055	.262	-.200
30	943	-.351	.099	-.084	-.699	30	1115	.176	.100	.621	-.124	30	1229	.070	.041	.235	-.168
30	944	-.417	.141	-.084	-.898	30	1116	.273	.053	.664	.064	30	1230	.080	.039	.270	-.085
30	1001	-.359	.126	-.035	-.875	30	1117	.322	.079	.633	.113	30	1231	.101	.037	.328	-.050
30	1002	-.346	.099	.015	-.704	30	1118	.317	.069	.625	.140	30	1232	.105	.036	.320	-.022
30	1003	-.352	.106	-.025	-.804	30	1119	.271	.056	.545	.140	30	1233	.033	.034	.197	-.058
30	1004	-.402	.119	-.045	-1.144	30	1120	.196	.051	.438	.052	30	1234	.043	.027	.132	-.042
30	1005	-.449	.122	-.068	-.897	30	1121	.049	.072	.320	-.223	30	1235	.037	.028	.125	-.068
30	1006	-.498	.136	-.063	-1.179	30	1122	-.167	.131	.180	-.670	30	1236	-.003	.029	.093	-.107
30	1007	-.493	.141	-.144	-1.245	30	1123	-.122	.118	.168	-.580	30	1237	-.067	.033	.047	-.213
30	1008	-.486	.138	-.163	-1.227	30	1124	.011	.098	.198	-.470	30	1238	-.210	.051	-.047	-.445
30	1009	-.472	.133	-.149	-1.128	30	1125	.071	.044	.187	-.140	30	1239	-.201	.049	-.038	-.440
30	1010	-.484	.136	-.165	-1.135	30	1126	.089	.033	.205	-.045	30	1240	-.195	.046	-.045	-.415
30	1011	-.514	.154	-.132	-1.207	30	1127	.087	.030	.197	-.020	30	1241	-.194	.045	-.033	-.478
30	1012	-.474	.166	.096	-1.225	30	1128	.061	.027	.162	-.015	30	1242	-.198	.044	-.058	-.458
30	1013	-.079	.188	.578	-.799	30	1129	.053	.026	.155	-.027	30	1243	-.204	.043	-.050	-.378
30	1014	.276	.119	.737	-.063	30	1130	.036	.027	.128	-.047	30	1244	-.222	.047	-.073	-.388
30	1015	.334	.091	.634	.094	30	1131	-.008	.029	.097	-.097	30	1245	-.237	.051	-.095	-.471
30	1016	.339	.079	.667	.107	30	1132	-.105	.035	.067	-.217	30	1246	-.244	.058	-.058	-.513
30	1017	.310	.069	.646	.124	30	1133	-.202	.047	-.040	-.415	30	1247	-.246	.067	-.038	-.571
30	1018	.264	.063	.585	.099	30	1134	-.200	.045	-.052	-.410	30	1248	-.251	.092	.002	-.696
30	1019	.186	.064	.421	.028	30	1135	-.195	.043	-.063	-.396	30	1301	-.258	.092	.040	-.688
30	1020	.002	.093	.317	-.291	30	1136	-.199	.044	-.063	-.408	30	1302	-.654	.095	-.313	-.943
30	1021	-.334	.179	.111	-1.098	30	1137	-.201	.047	.002	-.401	30	1303	-.527	.103	-.233	-.900
30	1022	-.276	.156	.114	-.912	30	1138	-.205	.046	-.033	-.436	30	1304	-.291	.071	-.047	-.540
30	1023	-.054	.117	.216	-.629	30	1139	-.204	.047	.003	-.411	30	1305	-.473	.078	-.193	-.785
30	1024	.025	.050	.183	-.353	30	1140	-.226	.054	-.070	-.466	30	1306	-.336	.070	-.010	-.649
30	1025	.046	.033	.155	-.116	30	1141	-.238	.059	-.047	-.453	30	1307	-.356	.068	-.084	-.595
30	1026	.045	.028	.152	-.048	30	1142	-.252	.070	0.000	-.471	30	1308	-.308	.076	-.089	-.635
30	1027	.033	.024	.130	-.046	30	1143	-.261	.083	-.032	-.593	30	1309	-.310	.074	-.103	-.658
30	1028	.007	.025	.122	-.073	30	1144	-.290	.105	-.043	-.758	30	1310	.291	.200	.895	-.446
30	1029	-.041	.027	.064	-.132	30	1201	-.184	.079	.057	-.655	30	1311	-.398	.086	-.050	-.797
30	1030	-.120	.033	.040	-.246	30	1202	-.210	.090	.048	-.663	30	1312	.049	.086	.265	-.423
30	1031	-.196	.041	-.023	-.381	30	1203	-.225	.089	.097	-.628	30	1313	-.030	.145	.738	-.667
30	1032	-.202	.042	-.031	-.378	30	1204	-.301	.124	.188	-.969	0	0	0.000	0.000	0.000	0.000
30	1033	-.199	.042	-.030	-.375	30	1205	-.327	.087	.073	-.626	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	101	-.159	.027	-.088	-.299	45	221	-.166	.035	-.017	-.382	45	401	-.164	.022	-.084	-.244
45	102	-.137	.030	-.064	-.325	45	222	-.130	.028	-.035	-.315	45	402	-.133	.020	-.034	-.248
45	103	-.134	.031	-.067	-.368	45	223	-.162	.029	-.034	-.293	45	403	-.140	.021	-.039	-.268
45	104	-.143	.036	-.074	-.451	45	224	-.219	.040	-.088	-.396	45	404	-.147	.026	-.054	-.317
45	105	-.159	.048	-.062	-.545	45	225	-.220	.042	-.091	-.436	45	405	-.184	.048	-.039	-.530
45	106	-.372	.114	-.099	-.846	45	226	-.191	.035	-.081	-.377	45	406	-.333	.135	-.029	-.906
45	107	-.693	.117	-.265	-1.127	45	227	-.190	.034	-.079	-.322	45	407	-.791	.184	-.118	-1.351
45	108	-.760	.139	-.334	-1.212	45	228	-.175	.030	-.067	-.298	45	408	-.855	.152	-.446	-1.480
45	109	-.307	.151	.213	-.854	45	229	-.189	.026	-.103	-.306	45	409	-.888	.164	-.386	-1.708
45	110	.398	.143	.903	-.284	45	230	-.189	.026	-.099	-.278	45	410	-.676	.194	-.074	-1.379
45	111	.587	.118	.941	.216	45	231	-.195	.025	-.113	-.285	45	411	.037	.193	.557	-.761
45	112	.456	.093	.766	.118	45	232	-.180	.023	-.109	-.263	45	412	.557	.149	.987	-.029
45	113	.362	.081	.712	.085	45	233	-.188	.023	-.123	-.317	45	413	.597	.117	.956	.158
45	114	.278	.074	.629	.012	45	234	-.170	.023	-.099	-.281	45	414	.541	.104	.866	.175
45	115	.237	.075	.595	-.080	45	235	-.173	.026	-.083	-.306	45	415	.421	.090	.733	.113
45	116	.195	.084	.479	-.261	45	236	-.169	.027	-.096	-.317	45	416	.323	.151	.639	-.547
45	117	.121	.085	.406	-.375	45	301	-.176	.019	-.101	-.263	45	417	.253	.073	.533	.039
45	118	-.114	.070	.131	-.405	45	302	-.135	.019	-.077	-.234	45	418	.073	.068	.423	-.108
45	119	-.835	.204	-.178	-1.420	45	303	-.122	.023	-.059	-.276	45	419	-.338	.115	.189	-.636
45	120	-.619	.155	-.114	-1.143	45	304	-.124	.030	-.047	-.350	45	420	-.822	.164	-.370	-1.376
45	121	-.256	.045	-.093	-.429	45	305	-.162	.050	-.071	-.512	45	421	-.739	.148	-.324	-1.277
45	122	-.203	.049	-.031	-.394	45	306	-.331	.112	-.099	-.951	45	422	-.547	.181	-.103	-1.090
45	123	-.164	.051	-.024	-.391	45	307	-.234	.109	.029	-.699	45	423	-.266	.108	-.081	-.826
45	124	-.148	.044	-.017	-.322	45	308	-.357	.119	-.035	-.852	45	424	-.185	.047	-.055	-.504
45	125	-.158	.042	-.048	-.325	45	309	-.876	.172	-.396	-1.445	45	425	-.148	.035	-.026	-.338
45	126	-.227	.043	-.105	-.394	45	310	-.944	.157	-.424	-1.433	45	426	-.128	.027	-.045	-.262
45	127	-.254	.053	-.107	-.444	45	311	-.477	.176	-.157	-1.147	45	427	-.155	.027	-.072	-.285
45	128	-.221	.042	-.071	-.453	45	312	-.209	.175	.729	-.438	45	428	-.169	.035	-.038	-.350
45	129	-.206	.035	-.074	-.382	45	313	.549	.137	.882	.007	45	429	-.196	.047	-.045	-.427
45	130	-.202	.032	-.078	-.353	45	314	.503	.101	.808	.143	45	430	-.152	.038	-.027	-.345
45	131	-.193	.029	-.090	-.318	45	315	.413	.089	.701	.093	45	431	-.156	.035	-.041	-.312
45	132	-.187	.026	-.099	-.289	45	316	.337	.076	.603	.076	45	432	-.157	.033	-.038	-.331
45	133	-.177	.024	-.093	-.282	45	317	.283	.071	.530	.027	45	433	-.157	.035	-.034	-.353
45	134	-.171	.023	-.099	-.271	45	318	.241	.067	.525	.007	45	434	-.146	.034	-.015	-.381
45	135	-.164	.022	-.088	-.259	45	319	.121	.056	.362	-.077	45	435	-.159	.035	-.017	-.422
45	136	-.162	.023	-.102	-.247	45	320	-.202	.075	.093	-.441	45	436	-.148	.033	-.005	-.266
45	137	-.163	.023	-.099	-.247	45	321	-.768	.175	-.219	-1.367	45	437	-.152	.031	-.034	-.266
45	138	-.168	.023	-.107	-.259	45	322	-.467	.146	-.138	-1.058	45	438	-.145	.027	-.034	-.252
45	201	-.165	.021	-.090	-.259	45	323	-.325	.101	-.067	-.714	45	439	-.170	.024	-.060	-.267
45	202	-.141	.019	-.081	-.270	45	324	-.349	.108	-.059	-.812	45	440	-.183	.022	-.110	-.261
45	203	-.136	.024	-.067	-.330	45	325	-.325	.080	-.091	-.734	45	441	-.178	.023	-.106	-.285
45	204	-.216	.048	-.069	-.479	45	326	-.176	.040	-.056	-.396	45	442	-.162	.022	-.081	-.259
45	205	-.321	.085	-.081	-.624	45	327	-.141	.033	-.013	-.369	45	443	-.165	.022	-.081	-.300
45	206	-.562	.114	-.213	-.949	45	328	-.125	.028	-.022	-.325	45	444	-.158	.020	-.099	-.235
45	207	-.625	.157	-.099	-1.072	45	329	-.167	.028	-.074	-.428	45	445	-.156	.021	-.094	-.329
45	208	-.057	.140	.399	-.443	45	330	-.241	.043	-.101	-.399	45	446	-.149	.020	-.087	-.254
45	209	.361	.170	.865	-.240	45	331	-.201	.040	-.067	-.392	45	447	-.188	.022	-.120	-.307
45	210	.409	.155	.827	-.216	45	332	-.169	.036	-.052	-.337	45	501	-.178	.034	-.063	-.370
45	211	.368	.143	.738	-.175	45	333	-.183	.035	-.074	-.335	45	502	-.149	.032	.005	-.439
45	212	.289	.124	.628	-.204	45	334	-.174	.032	-.057	-.293	45	503	-.129	.034	.063	-.487
45	213	.135	.101	.446	-.296	45	335	-.176	.028	-.045	-.281	45	504	-.142	.042	.053	-.537
45	214	.048	.085	.322	-.268	45	336	-.171	.024	-.086	-.278	45	505	-.148	.051	.019	-.485
45	215	-.019	.073	.247	-.265	45	337	-.196	.022	-.125	-.285	45	506	-.235	.114	.098	-.891
45	216	-.086	.059	.111	-.412	45	338	-.187	.023	-.116	-.298	45	507	-.413	.130	-.122	-.776
45	217	-.257	.065	-.047	-.479	45	339	-.180	.023	-.103	-.306	45	508	-.719	.143	-.175	-1.274
45	218	-.549	.133	-.150	-.973	45	340	-.161	.023	-.081	-.310	45	509	-.752	.148	-.355	-1.418
45	219	-.417	.097	-.130	-.801	45	341	-.179	.024	-.099	-.352	45	510	-.760	.166	-.339	-1.553
45	220	-.236	.045	-.093	-.538	45	342	-.268	.026	-.086	-.269	45	511	-.675	.181	.003	-1.378

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	512	-.040	.210	.658	-.778	45	628	-.211	.038	-.089	-.417	45	804	-.132	.035	.037	-.373
45	513	.473	.168	.922	-.039	45	629	-.203	.050	-.052	-.467	45	805	-.147	.053	.141	-.510
45	514	.573	.119	.917	.189	45	630	-.118	.034	-.009	-.285	45	806	-.219	.109	.039	-.815
45	515	.525	.102	.790	.201	45	631	-.184	.039	-.058	-.340	45	807	-.387	.174	-.092	-1.361
45	516	.421	.088	.680	.158	45	632	-.191	.037	-.074	-.345	45	808	-.627	.166	-.094	-1.301
45	517	.340	.076	.571	.098	45	633	-.170	.033	-.038	-.302	45	809	-.711	.166	-.311	-1.563
45	518	.231	.065	.468	.012	45	634	-.116	.027	-.017	-.228	45	810	-.755	.197	-.322	-1.567
45	519	.048	.052	.267	-.158	45	635	-.188	.035	-.062	-.405	45	811	-.652	.185	.110	-1.586
45	520	-.332	.073	-.086	-.590	45	636	-.219	.048	-.106	-.553	45	812	-.104	.204	.501	-1.017
45	521	-.687	.141	-.329	-1.390	45	637	-.223	.061	-.084	-.615	45	813	.328	.158	.727	-.329
45	522	-.648	.120	-.309	-1.260	45	638	-.156	.049	-.027	-.426	45	814	.437	.107	.755	.144
45	523	-.586	.129	-.146	-.992	45	639	-.223	.057	-.069	-.510	45	815	.396	.090	.674	.154
45	524	-.399	.167	-.058	-.977	45	640	-.242	.061	-.108	-.553	45	816	.319	.076	.570	.120
45	525	-.187	.106	.014	-.742	45	701	-.167	.047	.002	-.400	45	817	.259	.069	.598	.089
45	526	-.102	.050	.111	-.521	45	702	-.103	.037	.062	-.333	45	818	.169	.059	.462	.015
45	527	-.087	.036	.075	-.415	45	703	-.163	.050	.088	-.424	45	819	-.004	.052	.222	-.152
45	528	-.107	.031	.036	-.283	45	704	-.183	.065	.041	-.577	45	820	-.310	.081	-.039	-.622
45	529	-.126	.025	-.033	-.261	45	705	-.189	.088	.041	-.683	45	821	-.676	.167	-.308	-1.453
45	530	-.156	.032	-.065	-.315	45	706	-.227	.140	.094	-.998	45	822	-.622	.143	-.274	-1.270
45	531	-.147	.038	-.031	-.393	45	707	-.550	.221	.091	-1.364	45	823	-.514	.151	-.130	-1.056
45	532	-.153	.035	-.053	-.408	45	708	-.834	.200	-.194	-1.892	45	824	-.314	.163	.005	-.962
45	533	-.148	.036	-.051	-.363	45	709	-.895	.214	-.266	-1.937	45	825	-.164	.099	.086	-.676
45	534	-.140	.036	-.009	-.357	45	710	-.777	.205	-.297	-1.623	45	826	-.087	.050	.055	-.374
45	535	-.138	.030	-.031	-.343	45	711	-.843	.229	-.117	-1.776	45	827	-.074	.028	.034	-.254
45	536	-.161	.028	-.065	-.322	45	712	-.147	.267	.716	-1.157	45	828	-.097	.024	.037	-.258
45	537	-.174	.030	-.086	-.372	45	713	.458	.208	1.094	-.343	45	829	-.112	.024	-.003	-.226
45	538	-.182	.038	-.063	-.483	45	714	.568	.122	.943	.206	45	830	-.133	.028	-.049	-.272
45	539	-.174	.040	-.022	-.393	45	715	.549	.127	.914	.222	45	831	-.143	.038	-.049	-.352
45	540	-.179	.039	-.019	-.358	45	716	.440	.102	.778	.156	45	832	-.137	.036	-.042	-.360
45	541	-.195	.040	-.084	-.422	45	717	.374	.089	.678	.132	45	833	-.141	.038	-.039	-.355
45	542	-.211	.042	-.106	-.469	45	718	.258	.064	.476	.079	45	834	-.136	.036	-.029	-.340
45	601	-.202	.046	0.000	-.513	45	719	.017	.122	.373	-.828	45	835	-.141	.031	-.031	-.313
45	602	-.113	.038	.045	-.517	45	720	-.360	.111	.211	-.788	45	836	-.147	.027	-.068	-.287
45	603	-.160	.050	.072	-.467	45	721	-.798	.214	-.249	-1.710	45	837	-.159	.027	-.078	-.314
45	604	-.200	.081	.098	-.629	45	722	-.629	.157	-.261	-1.322	45	838	-.158	.029	-.040	-.314
45	605	-.304	.159	.048	-1.211	45	723	-.612	.190	-.115	-1.266	45	839	-.152	.034	-.044	-.517
45	606	-.478	.203	-.027	-1.255	45	724	-.370	.197	-.064	-1.175	45	840	-.147	.032	-.036	-.324
45	607	-.802	.186	-.170	-1.467	45	725	-.167	.125	.088	-.716	45	841	-.150	.031	-.032	-.353
45	608	-.887	.190	-.390	-1.626	45	726	-.035	.051	.118	-.368	45	842	-.153	.030	-.073	-.332
45	609	-.902	.218	-.361	-1.767	45	727	-.074	.041	.067	-.402	45	901	-.150	.024	-.065	-.282
45	610	-.693	.193	.031	-1.396	45	728	-.095	.033	.077	-.376	45	902	-.132	.023	-.032	-.243
45	611	-.088	.265	.805	-.970	45	729	-.106	.030	.043	-.270	45	903	-.128	.026	.016	-.334
45	612	.464	.200	1.078	-.345	45	730	-.106	.030	0.000	-.251	45	904	-.125	.035	.032	-.437
45	613	.644	.139	1.103	.242	45	731	-.220	.053	-.089	-.488	45	905	-.131	.044	.037	-.528
45	614	.561	.109	.977	.252	45	732	-.213	.045	-.091	-.438	45	906	-.144	.056	.044	-.620
45	615	.482	.106	.812	.184	45	733	-.188	.040	-.079	-.395	45	907	-.209	.102	.165	-.748
45	616	.370	.092	.656	.120	45	734	-.118	.032	-.010	-.280	45	908	-.355	.161	-.026	-.969
45	617	.267	.079	.558	.043	45	735	-.169	.029	-.086	-.288	45	909	-.593	.184	-.075	-1.353
45	618	.075	.058	.304	-.115	45	736	-.166	.025	-.092	-.264	45	910	-.691	.170	-.243	-1.432
45	619	-.367	.085	-.038	-.733	45	737	-.163	.024	-.057	-.246	45	911	-.722	.193	-.271	-1.476
45	620	-.800	.174	-.319	-1.510	45	738	-.164	.027	-.068	-.288	45	912	-.651	.206	.193	-1.542
45	621	-.734	.150	-.290	-1.352	45	739	-.172	.036	-.076	-.360	45	913	-.122	.220	.606	-1.106
45	622	-.525	.162	-.079	-1.085	45	740	-.191	.046	-.081	-.502	45	914	.290	.163	.768	-.382
45	623	-.420	.205	-.052	-1.221	45	741	-.191	.048	-.084	-.514	45	915	.399	.108	.781	.146
45	624	-.224	.140	.046	-.829	45	742	-.214	.058	-.092	-.656	45	916	.388	.099	.771	.112
45	625	-.109	.071	.117	-.539	45	801	-.164	.026	-.079	-.321	45	917	.326	.083	.632	.099
45	626	-.046	.032	.103	-.235	45	802	-.146	.025	-.049	-.314	45	918	.249	.070	.522	.055
45	627	-.138	.030	-.033	-.294	45	803	-.130	.028	-.023	-.308	45	919	.159	.060	.413	-.013

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	920	.001	.055	.224	-.162	45	1034	-.134	.031	-.017	-.318	45	1206	-.138	.044	-.003	-.357
45	921	-.244	.086	-.055	-.642	45	1035	-.130	.025	-.049	-.224	45	1207	-.125	.050	.033	-.353
45	922	-.655	.180	-.272	-1.356	45	1036	-.146	.024	-.042	-.233	45	1208	-.173	.059	-.017	-.588
45	923	-.599	.157	-.238	-1.233	45	1037	-.156	.024	-.090	-.265	45	1209	-.194	.089	.007	-.728
45	924	-.461	.163	-.057	-1.095	45	1038	-.160	.026	-.080	-.283	45	1210	-.327	.129	-.054	-1.124
45	925	-.264	.158	-.019	-.904	45	1039	-.153	.026	-.030	-.325	45	1211	-.448	.115	-.154	-.976
45	926	-.082	.074	.095	-.610	45	1040	-.154	.027	-.033	-.353	45	1212	-.600	.176	-.204	-1.361
45	927	-.065	.049	.078	-.483	45	1041	-.148	.025	-.075	-.315	45	1213	-.625	.195	-.206	-1.495
45	928	-.049	.032	.095	-.283	45	1042	-.156	.026	-.089	-.321	45	1214	-.619	.180	-.172	-1.438
45	929	-.042	.026	.089	-.228	45	1101	-.163	.026	-.072	-.256	45	1215	-.318	.168	.234	-1.035
45	930	-.055	.023	.079	-.254	45	1102	-.152	.026	-.039	-.248	45	1216	.025	.143	.548	-.502
45	931	-.073	.022	.035	-.189	45	1103	-.145	.025	-.030	-.251	45	1217	.238	.080	.546	.007
45	932	-.114	.025	-.027	-.224	45	1104	-.111	.033	-.013	-.288	45	1218	.296	.073	.586	.111
45	933	-.130	.031	-.045	-.342	45	1105	-.106	.045	.015	-.454	45	1219	.277	.067	.553	.121
45	934	-.130	.029	-.050	-.323	45	1106	-.131	.053	.032	-.511	45	1220	.245	.064	.496	.097
45	935	-.128	.032	-.013	-.326	45	1107	-.186	.080	-.023	-.660	45	1221	.176	.049	.380	.067
45	936	-.131	.031	-.003	-.288	45	1108	-.307	.126	-.023	-.837	45	1222	.074	.043	.221	-.060
45	937	-.128	.025	-.027	-.249	45	1109	-.464	.159	-.110	-1.150	45	1223	-.146	.089	.097	-.501
45	938	-.139	.022	-.052	-.226	45	1110	-.552	.162	-.174	-1.167	45	1224	-.439	.187	-.064	-1.258
45	939	-.144	.023	-.057	-.259	45	1111	-.549	.166	-.151	-1.187	45	1225	-.485	.170	-.091	-1.291
45	940	-.152	.025	-.044	-.298	45	1112	-.545	.140	.013	-1.256	45	1226	.544	.014	.583	.509
45	941	-.142	.027	-.023	-.288	45	1113	-.179	.214	.517	-1.005	45	1227	-.109	.065	.064	-.432
45	942	-.139	.029	-.032	-.378	45	1114	.137	.144	.619	-.452	45	1227	-.076	.055	.080	-.327
45	943	-.135	.023	-.049	-.285	45	1115	.261	.082	.583	-.037	45	1228	-.051	.049	.059	-.332
45	944	-.145	.024	-.052	-.313	45	1116	.264	.075	.569	.100	45	1229	-.037	.045	.070	-.256
45	1001	-.154	.023	-.077	-.293	45	1117	.260	.063	.514	.099	45	1230	-.010	.045	.102	-.273
45	1002	-.137	.022	-.044	-.313	45	1118	.223	.056	.452	.067	45	1231	.006	.041	.141	-.203
45	1003	-.125	.027	-.023	-.301	45	1119	.156	.048	.360	.030	45	1232	.007	.035	.218	-.167
45	1004	-.125	.038	.022	-.422	45	1120	.057	.049	.236	-.084	45	1233	.017	.028	.162	-.082
45	1005	-.137	.059	.050	-.591	45	1121	-.149	.094	.087	-.539	45	1234	.027	.027	.141	-.064
45	1006	-.195	.097	-.010	-.797	45	1122	-.442	.174	-.136	-1.238	45	1235	.008	.027	.109	-.072
45	1007	-.321	.149	-.040	-.926	45	1123	-.384	.153	-.092	-1.137	45	1236	-.032	.028	.064	-.124
45	1008	-.530	.166	-.112	-1.257	45	1124	-.260	.157	.052	-.911	45	1237	-.156	.043	-.023	-.462
45	1009	-.620	.169	-.223	-1.413	45	1125	-.074	.063	.089	-.345	45	1238	-.134	.036	-.018	-.382
45	1010	-.646	.182	-.226	-1.363	45	1126	-.020	.042	.095	-.288	45	1239	-.128	.033	-.018	-.325
45	1011	-.604	.195	-.020	-1.503	45	1127	-.003	.033	.099	-.219	45	1241	-.122	.031	.010	-.244
45	1012	-.138	.210	.552	-.879	45	1128	.005	.026	.102	-.178	45	1242	-.122	.026	.003	-.231
45	1013	.239	.157	.762	-.362	45	1129	.018	.024	.124	-.111	45	1243	-.133	.025	-.042	-.251
45	1014	.352	.107	.867	.072	45	1130	.020	.025	.124	-.092	45	1244	-.142	.028	-.049	-.278
45	1015	.330	.086	.658	.121	45	1131	-.003	.025	.099	-.112	45	1245	-.143	.026	-.027	-.241
45	1016	.275	.072	.531	.087	45	1132	-.067	.025	.028	-.211	45	1246	-.149	.033	-.018	-.275
45	1017	.215	.060	.417	.042	45	1133	-.130	.033	-.003	-.291	45	1247	-.147	.032	-.018	-.280
45	1018	.136	.052	.330	-.023	45	1134	-.127	.030	-.013	-.286	45	1248	-.117	.035	-.012	-.246
45	1019	.017	.054	.239	-.127	45	1135	-.124	.031	.002	-.293	45	1301	-.041	.023	.041	-.128
45	1020	-.242	.084	-.022	-.605	45	1136	-.123	.031	-.023	-.313	45	1302	-.536	.084	-.163	-.821
45	1021	-.579	.167	-.213	-1.403	45	1137	-.121	.027	-.018	-.271	45	1303	-.273	.037	-.135	-.432
45	1022	-.523	.146	-.181	-1.334	45	1138	-.127	.024	-.044	-.238	45	1304	-.084	.051	.119	-.270
45	1023	-.406	.156	-.027	-1.056	45	1139	-.138	.026	-.035	-.253	45	1305	-.274	.090	-.021	-.591
45	1024	-.227	.140	.077	-.924	45	1140	-.140	.027	-.020	-.285	45	1306	-.153	.038	-.010	-.339
45	1025	-.099	.076	.162	-.593	45	1141	-.142	.028	-.025	-.268	45	1307	-.182	.035	-.086	-.349
45	1026	-.045	.039	.099	-.353	45	1142	-.148	.033	-.032	-.306	45	1308	-.157	.029	-.064	-.277
45	1027	-.016	.026	.089	-.186	45	1143	-.151	.035	-.032	-.355	45	1309	-.162	.040	-.017	-.344
45	1028	-.021	.025	.087	-.139	45	1144	-.163	.038	-.044	-.357	45	1310	.466	.150	.915	-.069
45	1029	-.044	.024	.040	-.151	45	1201	-.074	.040	.040	-.219	45	1311	-.400	.136	-.092	-1.131
45	1030	-.090	.025	0.000	-.203	45	1202	-.104	.041	.025	-.248	45	1312	-.050	.054	.137	-.240
45	1031	-.131	.032	-.032	-.380	45	1203	-.118	.047	.054	-.285	45	1313	-.059	.058	.220	-.365
45	1032	-.135	.031	-.023	-.338	45	1204	-.151	.046	.064	-.368	0	0	0.000	0.000	0.000	0.000
45	1033	-.132	.031	-.023	-.321	45	1205	-.160	.037	-.005	-.295	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	101	-.123	.020	-.040	-.196	60	221	-.378	.087	-.110	-.890	60	401	-.169	.025	-.099	-.273
60	102	-.068	.021	.011	-.147	60	222	-.244	.058	-.072	-.559	60	402	-.069	.021	.022	-.145
60	103	-.049	.023	.037	-.137	60	223	-.244	.054	-.060	-.552	60	403	-.028	.024	.073	-.109
60	104	-.036	.023	.060	-.128	60	224	-.217	.052	-.051	-.504	60	404	.043	.033	.166	-.053
60	105	-.027	.026	.079	-.126	60	225	-.210	.055	-.051	-.571	60	405	.063	.041	.236	-.067
60	106	-.030	.031	.089	-.138	60	226	-.188	.048	-.046	-.455	60	406	.115	.050	.313	-.031
60	107	-.165	.092	.100	-.503	60	227	-.209	.043	-.082	-.408	60	407	.123	.068	.372	-.285
60	108	-.093	.144	.329	-.599	60	228	-.173	.038	-.041	-.523	60	408	-.035	.135	.340	-.514
60	109	.470	.115	.864	.070	60	229	-.178	.034	-.068	-.326	60	409	-.051	.172	.434	-.661
60	110	.577	.118	.927	.121	60	230	-.163	.029	-.087	-.311	60	410	.434	.155	.894	-.121
60	111	.178	.155	.652	-.406	60	231	-.193	.028	-.108	-.331	60	411	.608	.128	.988	.231
60	112	.061	.108	.433	-.286	60	232	-.168	.027	-.094	-.275	60	412	.394	.148	.880	-.178
60	113	.076	.070	.336	-.121	60	233	-.176	.026	-.103	-.282	60	413	.257	.121	.627	-.220
60	114	.033	.052	.226	-.116	60	234	-.169	.026	-.096	-.272	60	414	.245	.082	.526	.007
60	115	.003	.047	.247	-.137	60	235	-.193	.026	-.116	-.285	60	415	.156	.065	.407	-.036
60	116	-.033	.046	.182	-.166	60	236	-.168	.026	-.092	-.265	60	416	.105	.062	.315	-.067
60	117	-.113	.047	.079	-.242	60	301	-.150	.022	-.087	-.234	60	417	.018	.055	.210	-.138
60	118	-.335	.055	-.068	-.554	60	302	-.064	.021	.032	-.137	60	418	-.131	.050	.047	-.263
60	119	-.649	.132	-.279	-1.125	60	303	-.039	.026	.085	-.113	60	419	-.420	.075	-.205	-.695
60	120	-.659	.149	-.219	-1.176	60	304	.009	.030	.137	-.079	60	420	-.586	.121	-.298	-1.182
60	121	-.479	.086	-.166	-.806	60	305	.026	.035	.167	-.082	60	421	-.578	.117	-.285	-1.144
60	122	-.415	.082	-.082	-.746	60	306	.083	.054	.255	-.118	60	422	-.592	.116	-.287	-1.109
60	123	-.339	.069	-.007	-.601	60	307	.117	.041	.241	-.024	60	423	-.603	.114	-.225	-1.245
60	124	-.260	.057	-.091	-.489	60	308	.121	.047	.277	-.091	60	424	-.534	.133	-.153	-1.125
60	125	-.213	.054	-.051	-.485	60	309	-.080	.102	.210	-.475	60	425	-.362	.149	.122	-1.090
60	126	-.199	.052	-.046	-.457	60	310	-.062	.135	.364	-.543	60	426	-.220	.097	.117	-.685
60	127	-.183	.053	-.039	-.447	60	311	-.393	.128	.830	-.019	60	427	-.200	.074	.038	-.530
60	128	-.175	.041	-.056	-.335	60	312	.601	.124	.977	.135	60	428	-.208	.062	-.005	-.727
60	129	-.170	.039	-.060	-.319	60	313	.354	.135	.719	-.120	60	429	-.229	.065	-.027	-.570
60	130	-.164	.036	-.061	-.342	60	314	.203	.104	.521	-.202	60	430	-.223	.065	-.025	-.592
60	131	-.153	.035	-.021	-.294	60	315	.158	.075	.407	-.079	60	431	-.213	.059	-.045	-.498
60	132	-.150	.035	-.028	-.378	60	316	.124	.061	.328	-.070	60	432	-.205	.059	-.045	-.663
60	133	-.156	.034	-.046	-.406	60	317	.071	.056	.261	-.109	60	433	-.198	.057	-.020	-.722
60	134	-.160	.031	-.067	-.352	60	318	.024	.051	.231	-.155	60	434	-.198	.055	-.028	-.660
60	135	-.161	.030	-.067	-.312	60	319	-.123	.050	.094	-.294	60	435	-.201	.052	-.058	-.692
60	136	-.162	.027	-.081	-.272	60	320	-.427	.090	-.149	-.673	60	436	-.190	.049	-.048	-.408
60	137	-.160	.027	-.067	-.272	60	321	-.738	.188	-.255	-1.427	60	437	-.183	.045	-.045	-.372
60	138	-.162	.027	-.065	-.275	60	322	-.656	.158	-.287	-1.232	60	438	-.180	.039	-.047	-.357
60	201	-.132	.021	-.074	-.223	60	323	-.634	.120	-.306	-1.090	60	439	-.188	.033	-.092	-.357
60	202	-.064	.020	.009	-.131	60	324	-.606	.119	-.284	-1.213	60	440	-.190	.036	-.098	-.403
60	203	-.020	.025	.077	-.096	60	325	-.576	.116	-.210	-1.046	60	441	-.190	.036	-.092	-.380
60	204	.021	.034	.133	-.074	60	326	-.421	.089	-.133	-.716	60	442	-.186	.035	-.098	-.365
60	205	.050	.048	.215	-.084	60	327	-.343	.078	-.031	-.692	60	443	-.188	.033	-.097	-.357
60	206	-.047	.089	.263	-.373	60	328	-.259	.066	-.031	-.613	60	444	-.178	.031	-.085	-.310
60	207	.238	.163	.682	-.335	60	329	-.235	.056	.096	-.593	60	445	-.174	.029	-.090	-.312
60	208	.451	.136	.873	-.040	60	330	-.232	.054	-.048	-.458	60	446	-.177	.031	-.090	-.318
60	209	.317	.165	.911	-.296	60	331	-.235	.053	-.101	-.589	60	447	-.208	.030	-.125	-.345
60	210	.153	.182	.662	-.399	60	332	-.191	.049	-.075	-.489	60	501	-.166	.034	-.073	-.317
60	211	.166	.118	.501	-.221	60	333	-.196	.046	-.079	-.441	60	502	-.083	.024	.002	-.192
60	212	.151	.075	.384	-.077	60	334	-.179	.038	-.079	-.364	60	503	-.028	.025	.063	-.115
60	213	.053	.050	.226	-.109	60	335	-.197	.032	-.101	-.325	60	504	-.004	.029	.098	-.098
60	214	-.008	.047	.159	-.200	60	336	-.172	.028	-.077	-.279	60	505	.028	.031	.178	-.065
60	215	-.072	.042	.117	-.231	60	337	-.184	.027	-.103	-.292	60	506	.067	.040	.225	-.045
60	216	-.167	.043	.011	-.328	60	338	-.177	.029	-.103	-.306	60	507	.092	.053	.255	-.068
60	217	-.363	.066	-.133	-.625	60	339	-.201	.028	-.120	-.299	60	508	.087	.078	.288	-.342
60	218	-.664	.112	-.251	-1.016	60	340	-.172	.027	-.085	-.268	60	509	-.047	.153	.388	-.617
60	219	-.608	.113	-.244	-1.002	60	341	-.179	.026	-.096	-.277	60	510	-.055	.191	.527	-.735
60	220	-.520	.091	-.231	-.860	60	342	-.167	.027	-.101	-.270	60	511	.368	.178	.850	-.333

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	512	.547	.130	.895	.173	60	628	-.214	.082	.151	-.653	60	804	-.019	.026	.088	-.109
60	513	.414	.145	.852	-.100	60	629	-.228	.081	.022	-.702	60	805	.029	.030	.138	-.070
60	514	.295	.114	.665	-.102	60	630	-.157	.063	.002	-.497	60	806	.065	.039	.190	-.041
60	515	.258	.083	.520	.028	60	631	-.226	.078	-.024	-.769	60	807	.087	.051	.245	-.057
60	516	.159	.063	.392	-.020	60	632	-.229	.066	-.063	-.672	60	808	.099	.077	.307	-.354
60	517	.094	.056	.302	-.070	60	633	-.196	.052	-.019	-.451	60	809	.019	.134	.363	-.409
60	518	.001	.049	.182	-.145	60	634	-.129	.037	.009	-.286	60	810	.027	.181	.471	-.545
60	519	-.147	.043	.013	-.290	60	635	-.195	.042	-.036	-.435	60	811	.324	.157	.774	-.211
60	520	-.402	.063	-.195	-.612	60	636	-.243	.054	-.068	-.532	60	812	.441	.121	.850	.127
60	521	-.508	.096	-.223	-.999	60	637	-.274	.074	-.109	-.592	60	813	.281	.143	.709	-.226
60	522	-.506	.093	-.218	-.984	60	638	-.178	.053	-.041	-.444	60	814	.196	.112	.605	-.193
60	523	-.528	.092	-.233	-.945	60	639	-.232	.058	-.092	-.491	60	815	.176	.075	.500	0.000
60	524	-.566	.105	-.160	-1.019	60	640	-.246	.059	-.109	-.505	60	816	.107	.057	.360	-.032
60	525	-.562	.127	-.078	-1.080	60	701	-.107	.032	.009	-.223	60	817	.049	.053	.242	-.096
60	526	-.425	.143	.067	-1.062	60	702	-.012	.022	.075	-.082	60	818	-.027	.047	.172	-.148
60	527	-.298	.136	.167	-.819	60	703	-.016	.026	.102	-.129	60	819	-.154	.046	.058	-.284
60	528	-.220	.118	.228	-.735	60	704	.005	.030	.128	-.114	60	820	-.345	.068	-.144	-.557
60	529	-.174	.087	.202	-.558	60	705	.051	.034	.185	-.077	60	821	-.458	.090	-.232	-.922
60	530	-.182	.077	.102	-.485	60	706	.116	.038	.245	-.017	60	822	-.457	.088	-.229	-.939
60	531	-.220	.082	.002	-.792	60	707	.110	.065	.359	-.400	60	823	-.462	.088	-.227	-.964
60	532	-.213	.074	.027	-.757	60	708	.106	.090	.417	-.541	60	824	-.487	.099	-.195	-1.236
60	533	-.205	.073	-.038	-.625	60	709	-.041	.193	.476	-.770	60	825	-.498	.111	-.102	-.939
60	534	-.194	.064	.038	-.547	60	710	-.013	.209	.563	-.808	60	826	-.429	.120	-.021	-.902
60	535	-.185	.046	-.007	-.370	60	711	.362	.215	.959	-.359	60	827	-.273	.111	.080	-.664
60	536	-.196	.042	-.070	-.408	60	712	.569	.150	1.131	.044	60	828	-.199	.097	.138	-.664
60	537	-.211	.046	-.085	-.405	60	713	.445	.163	1.003	-.190	60	829	-.182	.077	.059	-.527
60	538	-.232	.056	-.107	-.532	60	714	.314	.112	.668	-.073	60	830	-.166	.077	.081	-.492
60	539	-.226	.052	-.098	-.453	60	715	.262	.088	.573	.009	60	831	-.180	.077	.039	-.576
60	540	-.218	.047	-.085	-.416	60	716	.155	.068	.391	-.037	60	832	-.167	.069	.002	-.531
60	541	-.206	.044	-.092	-.429	60	717	.091	.058	.296	-.070	60	833	-.161	.065	.010	-.547
60	542	-.220	.044	-.104	-.456	60	718	.024	.044	.173	-.099	60	834	-.152	.057	.002	-.558
60	601	-.183	.040	-.065	-.332	60	719	-.193	.050	.009	-.350	60	835	-.147	.050	.003	-.479
60	602	-.037	.023	.048	-.112	60	720	-.484	.070	-.276	-.753	60	836	-.148	.043	.005	-.404
60	603	-.025	.027	.085	-.109	60	721	-.616	.098	-.352	-.997	60	837	-.159	.042	-.044	-.398
60	604	.027	.034	.143	-.077	60	722	-.506	.082	-.301	-.838	60	838	-.155	.040	-.026	-.386
60	605	.084	.044	.262	-.051	60	723	-.620	.096	-.372	-1.024	60	839	-.148	.038	-.019	-.336
60	606	.140	.052	.349	-.015	60	724	-.668	.112	-.381	-1.299	60	840	-.139	.035	-.013	-.316
60	607	.128	.077	.423	-.241	60	725	-.644	.139	-.109	-1.228	60	841	-.136	.034	-.036	-.290
60	608	-.076	.178	.442	-.842	60	726	-.405	.134	.066	-.832	60	842	-.143	.034	-.044	-.269
60	609	-.090	.229	.611	-1.000	60	727	-.341	.144	.185	-.930	60	901	-.131	.030	-.034	-.245
60	610	.382	.165	.867	-.260	60	728	-.264	.123	.124	-.738	60	902	-.076	.023	.006	-.167
60	611	.632	.154	1.070	.187	60	729	-.192	.103	.196	-.646	60	903	-.045	.024	.049	-.133
60	612	.466	.169	.935	-.114	60	730	-.128	.071	.116	-.473	60	904	-.002	.027	.086	-.086
60	613	.354	.137	.755	-.071	60	731	-.216	.071	-.012	-.571	60	905	.019	.030	.118	-.076
60	614	.312	.088	.594	.107	60	732	-.227	.068	-.034	-.548	60	906	.036	.032	.138	-.057
60	615	.195	.082	.502	-.046	60	733	-.204	.064	-.003	-.542	60	907	.063	.041	.185	-.060
60	616	.094	.068	.337	-.097	60	734	-.128	.048	.009	-.520	60	908	.081	.048	.255	-.036
60	617	.003	.058	.209	-.155	60	735	-.178	.042	-.057	-.441	60	909	.099	.070	.333	-.300
60	618	-.114	.043	.031	-.294	60	736	-.177	.039	-.063	-.341	60	910	-.008	.146	.363	-.537
60	619	-.460	.069	-.235	-.735	60	737	-.180	.038	-.055	-.402	60	911	.030	.182	.509	-.735
60	620	-.597	.095	-.299	-.959	60	738	-.188	.038	-.060	-.380	60	912	.267	.148	.732	-.250
60	621	-.585	.093	-.318	-.949	60	739	-.195	.046	.008	-.475	60	913	.386	.113	.806	.057
60	622	-.498	.082	-.264	-.917	60	740	-.275	.088	-.075	-.592	60	914	.231	.148	.753	-.347
60	623	-.643	.107	-.345	-1.196	60	741	-.258	.078	-.078	-.594	60	915	.153	.117	.557	-.284
60	624	-.653	.136	-.070	-1.204	60	742	-.314	.103	-.094	-.758	60	916	.160	.078	.449	-.021
60	625	-.500	.152	.046	-1.054	60	801	-.152	.031	-.060	-.264	60	917	.100	.060	.339	-.044
60	626	-.195	.112	.221	-.651	60	802	-.118	.027	-.034	-.224	60	918	.038	.050	.219	-.104
60	627	-.202	.096	.131	-.595	60	803	-.071	.026	.026	-.161	60	919	-.042	.045	.110	-.182

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	920	-.160	.045	.034	-.324	60	1034	-.167	.068	.041	-.547	60	1206	.050	.032	.182	-.076
60	921	-.359	.076	-.144	-.659	60	1035	-.146	.056	.007	-.455	60	1207	.069	.030	.178	-.048
60	922	-.464	.110	-.224	-.907	60	1036	-.144	.046	.029	-.385	60	1208	.002	.029	.091	-.129
60	923	-.461	.106	-.222	-.875	60	1037	-.153	.044	-.039	-.329	60	1209	.076	.036	.191	-.035
60	924	-.444	.123	-.232	-1.019	60	1038	-.157	.044	-.039	-.424	60	1210	.090	.049	.271	-.084
60	925	-.508	.126	-.227	-1.095	60	1039	-.138	.038	-.031	-.303	60	1211	.100	.069	.317	-.300
60	926	-.456	.132	-.056	-.949	60	1040	-.134	.036	-.036	-.277	60	1212	.042	.121	.365	-.571
60	927	-.396	.120	-.008	-.909	60	1041	-.123	.035	-.016	-.267	60	1213	.042	.133	.380	-.546
60	928	-.356	.109	.038	-.857	60	1042	-.126	.035	-.023	-.270	60	1214	.170	.116	.551	-.414
60	929	-.299	.108	.152	-.705	60	1101	-.130	.035	-.021	-.247	60	1215	.219	.076	.512	-.074
60	930	-.230	.101	.126	-.626	60	1102	-.087	.027	.011	-.170	60	1216	.157	.097	.499	-.208
60	931	-.164	.082	.121	-.598	60	1103	-.045	.025	.041	-.134	60	1217	.133	.073	.403	-.177
60	932	-.163	.074	.087	-.573	60	1104	.034	.027	.126	-.046	60	1218	.131	.056	.381	-.012
60	933	-.174	.072	.029	-.578	60	1105	.051	.024	.139	-.025	60	1219	.085	.046	.284	-.035
60	934	-.170	.066	.015	-.483	60	1106	.051	.027	.152	-.033	60	1220	.033	.041	.213	-.073
60	935	-.154	.061	.008	-.468	60	1107	.072	.033	.206	-.025	60	1221	-.041	.039	.149	-.158
60	936	-.151	.056	-.003	-.480	60	1108	.092	.044	.265	-.070	60	1222	-.162	.039	.012	-.289
60	937	-.138	.045	-.011	-.409	60	1109	.100	.077	.364	-.306	60	1223	-.420	.080	-.239	-.731
60	938	-.141	.040	-.011	-.380	60	1110	.032	.136	.419	-.506	60	1224	-.793	.164	-.466	-1.505
60	939	-.146	.041	-.011	-.550	60	1111	.032	.163	.493	-.552	60	1225	-.578	.205	-.222	-1.392
60	940	-.150	.040	-.046	-.575	60	1112	.191	.137	.611	-.344	60	1226	-.013	.007	.008	-.043
60	941	-.138	.036	-.034	-.427	60	1113	.257	.087	.611	-.074	60	1227	-.249	.049	-.094	-.523
60	942	-.135	.034	-.023	-.310	60	1114	.156	.128	.514	-.272	60	1228	-.246	.053	-.104	-.532
60	943	-.120	.032	-.031	-.274	60	1115	.117	.101	.377	-.244	60	1229	-.207	.052	-.091	-.462
60	944	-.126	.033	-.034	-.290	60	1116	.117	.063	.326	-.044	60	1230	-.223	.041	-.076	-.398
60	1001	-.117	.032	-.033	-.256	60	1117	.088	.048	.328	-.035	60	1231	-.182	.055	-.021	-.446
60	1002	-.070	.024	.011	-.152	60	1118	.032	.043	.238	-.083	60	1232	-.183	.051	.048	-.376
60	1003	-.035	.023	.087	-.108	60	1119	-.045	.038	.097	-.149	60	1233	-.104	.077	.086	-.520
60	1004	.003	.026	.136	-.070	60	1120	-.175	.049	-.007	-.337	60	1234	-.059	.051	.117	-.342
60	1005	.038	.031	.169	-.054	60	1121	-.474	.082	-.248	-.781	60	1235	-.021	.044	.106	-.276
60	1006	.057	.038	.208	-.046	60	1122	-.933	.164	-.477	-1.550	60	1236	-.016	.046	.178	-.205
60	1007	.084	.047	.324	-.056	60	1123	-.835	.157	-.442	-1.430	60	1237	-.098	.054	.236	-.231
60	1008	.095	.073	.408	-.352	60	1124	-.515	.140	-.162	-1.005	60	1238	-.141	.072	.160	-.451
60	1009	.011	.139	.449	-.506	60	1125	-.224	.068	-.073	-.645	60	1239	-.118	.070	.089	-.495
60	1010	.009	.171	.536	-.622	60	1126	-.218	.084	.020	-.690	60	1240	-.103	.062	.091	-.388
60	1011	.233	.147	.729	-.367	60	1127	-.195	.091	.078	-.644	60	1241	-.094	.057	.069	-.320
60	1012	.331	.103	.812	-.033	60	1128	-.144	.077	.094	-.733	60	1242	-.088	.057	.127	-.295
60	1013	.212	.130	.627	-.308	60	1129	-.098	.061	.135	-.370	60	1243	-.126	.038	.076	-.203
60	1014	.150	.109	.522	-.252	60	1130	-.066	.052	.160	-.295	60	1244	-.132	.038	.018	-.276
60	1015	.132	.063	.418	-.072	60	1131	-.060	.046	.127	-.258	60	1245	-.135	.037	-.031	-.300
60	1016	.076	.050	.313	-.077	60	1132	-.082	.047	.122	-.309	60	1246	-.124	.044	-.023	-.357
60	1017	.024	.042	.208	-.092	60	1133	-.139	.053	.008	-.411	60	1247	-.141	.044	.007	-.302
60	1018	-.049	.038	.094	-.174	60	1134	-.139	.053	-.008	-.409	60	1248	-.169	.062	-.012	-.385
60	1019	-.145	.042	.043	-.316	60	1135	-.123	.048	.007	-.360	60	1301	-.594	.033	-.023	-.279
60	1020	-.327	.065	-.154	-.698	60	1136	-.122	.049	.010	-.348	60	1302	-.238	.112	-.265	-1.007
60	1021	-.436	.100	-.234	-1.079	60	1137	-.111	.049	.059	-.281	60	1303	.078	.032	-.130	-.352
60	1022	-.432	.097	-.234	-1.030	60	1138	-.106	.043	.051	-.269	60	1304	-.087	.038	.208	-.053
60	1023	-.435	.103	-.221	-.947	60	1139	-.117	.034	.025	-.312	60	1305	-.169	.020	.023	-.159
60	1024	-.446	.101	-.203	-1.025	60	1140	-.139	.040	.020	-.421	60	1306	-.232	.037	-.061	-.333
60	1025	-.422	.099	-.070	-.922	60	1141	-.140	.040	-.017	-.441	60	1307	-.161	.057	-.103	-.471
60	1026	-.383	.109	.010	-.842	60	1142	-.147	.052	-.005	-.352	60	1308	-.170	.037	-.039	-.333
60	1027	-.286	.112	.138	-.770	60	1143	-.175	.063	-.010	-.474	60	1309	.296	.065	.025	-.664
60	1028	-.206	.110	.192	-.581	60	1144	-.192	.059	-.036	-.461	60	1310	-.271	.119	.671	-.103
60	1029	-.147	.094	.170	-.536	60	1201	-.079	.040	.079	-.226	60	1311	-.152	.075	-.035	-.690
60	1030	-.147	.086	.192	-.640	60	1202	-.091	.026	.002	-.188	60	1312	-.155	.041	0.000	-.265
60	1031	-.184	.079	.026	-.527	60	1203	-.100	.023	-.018	-.203	60	1313	0.000	.056	.035	-.315
60	1032	-.180	.076	.034	-.621	60	1204	-.113	.028	.033	-.215	0	0	0.000	0.000	0.000	0.000
60	1033	-.167	.069	.043	-.583	60	1205	.036	.049	.246	-.140	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	101	-.276	.067	-.046	-.526	75	221	-.248	.043	-.110	-.521	75	401	-.347	.065	-.109	-.552
75	102	-.102	.045	.116	-.252	75	222	-.256	.044	-.133	-.441	75	402	-.115	.048	.056	-.252
75	103	-.041	.045	.168	-.210	75	223	-.276	.046	-.145	-.499	75	403	.006	.050	.191	-.138
75	104	-.001	.044	.152	-.154	75	224	-.252	.049	-.101	-.453	75	404	.161	.051	.344	.017
75	105	.035	.049	.200	-.156	75	225	-.266	.051	-.080	-.560	75	405	.226	.062	.445	.060
75	106	.111	.060	.310	-.123	75	226	-.269	.058	-.106	-.588	75	406	.322	.074	.562	.129
75	107	.179	.084	.452	-.131	75	227	-.308	.068	-.116	-.612	75	407	.389	.091	.646	.138
75	108	.375	.119	.845	-.119	75	228	-.300	.074	-.083	-.649	75	408	.432	.111	.807	.066
75	109	.509	.126	.896	.016	75	229	-.281	.075	-.012	-.639	75	409	.497	.127	.871	.032
75	110	.098	.172	.580	-.608	75	230	-.297	.078	-.017	-.598	75	410	.562	.133	.923	-.031
75	111	-.514	.175	.114	-1.033	75	231	-.412	.093	.009	-.896	75	411	.180	.201	.889	-.705
75	112	-.482	.155	-.037	-1.106	75	232	-.473	.108	-.170	-.891	75	412	-.371	.213	.325	-1.063
75	113	-.147	.055	.019	-.496	75	233	-.533	.123	-.232	-1.032	75	413	-.362	.177	.187	-.990
75	114	-.120	.036	.016	-.275	75	234	-.522	.119	-.264	-1.007	75	414	-.026	.073	.169	-.896
75	115	-.114	.033	.012	-.249	75	235	-.522	.119	-.278	-1.073	75	415	-.039	.039	.112	-.206
75	116	-.121	.033	-.004	-.263	75	236	-.497	.123	-.256	-1.082	75	416	.339	.079	.630	.108
75	117	-.159	.033	-.032	-.287	75	301	-.313	.058	-.152	-.559	75	417	.244	.071	.547	.048
75	118	-.245	.041	-.096	-.367	75	302	-.091	.044	.063	-.227	75	418	.069	.061	.360	-.114
75	119	-.298	.065	-.142	-.559	75	303	.007	.047	.172	-.138	75	419	-.332	.083	-.049	-.603
75	120	-.292	.062	-.117	-.543	75	304	.101	.052	.269	-.044	75	420	-.842	.158	-.358	-1.357
75	121	-.257	.047	-.124	-.499	75	305	.159	.059	.337	-.007	75	421	-.762	.143	-.338	-1.276
75	122	-.235	.047	-.096	-.513	75	306	.282	.074	.494	.085	75	422	-.570	.176	-.155	-1.124
75	123	-.239	.053	-.056	-.536	75	307	.243	.070	.434	.058	75	423	-.264	.100	-.078	-.739
75	124	-.235	.048	-.081	-.526	75	308	.278	.076	.496	.049	75	424	-.168	.043	-.027	-.455
75	125	-.232	.047	-.081	-.433	75	309	.299	.097	.572	-.014	75	425	-.136	.032	.021	-.363
75	126	-.234	.046	-.077	-.433	75	310	.428	.126	.799	-.072	75	426	-.123	.025	-.035	-.268
75	127	-.237	.048	-.082	-.424	75	311	.544	.134	.923	.065	75	427	-.145	.025	-.060	-.263
75	128	-.246	.047	-.091	-.438	75	312	.274	.166	.833	-.337	75	428	-.171	.034	-.060	-.320
75	129	-.258	.053	-.098	-.505	75	313	-.311	.196	.199	-1.140	75	429	-.202	.046	-.046	-.366
75	130	-.271	.059	-.121	-.591	75	314	-.266	.142	.104	-.903	75	430	-.160	.037	-.041	-.320
75	131	-.274	.063	-.093	-.582	75	315	-.058	.047	.114	-.245	75	431	-.156	.033	-.046	-.277
75	132	-.301	.063	-.098	-.556	75	316	-.034	.035	.101	-.165	75	432	-.149	.032	-.033	-.268
75	133	-.366	.073	-.124	-.650	75	317	-.054	.031	.070	-.167	75	433	-.149	.033	-.024	-.285
75	134	-.432	.089	-.184	-.778	75	318	-.061	.033	.061	-.157	75	434	-.142	.034	-.017	-.281
75	135	-.492	.115	-.198	-.878	75	319	-.129	.031	-.010	-.216	75	435	-.150	.033	-.022	-.297
75	136	-.460	.092	-.181	-.917	75	320	-.220	.036	-.119	-.341	75	436	-.143	.034	-.025	-.312
75	137	-.531	.144	-.212	-1.057	75	321	-.244	.039	-.136	-.380	75	437	-.148	.032	-.021	-.290
75	138	-.357	.015	-.310	-.398	75	322	-.232	.040	-.099	-.363	75	438	-.145	.029	-.029	-.239
75	201	-.295	.065	-.109	-.505	75	323	-.259	.040	-.123	-.414	75	439	-.165	.024	-.073	-.276
75	202	-.093	.053	.098	-.247	75	324	-.237	.041	-.099	-.375	75	440	-.177	.023	-.109	-.284
75	203	.023	.051	.212	-.121	75	325	-.249	.039	-.111	-.383	75	441	-.176	.024	-.108	-.290
75	204	.148	.059	.380	-.018	75	326	-.251	.041	-.097	-.400	75	442	-.165	.024	-.092	-.265
75	205	.234	.071	.480	.023	75	327	-.283	.042	-.141	-.426	75	443	-.163	.023	-.090	-.258
75	206	.283	.090	.552	-.005	75	328	-.255	.042	-.119	-.414	75	444	-.154	.021	-.081	-.238
75	207	.527	.122	.906	.144	75	329	-.262	.045	-.116	-.458	75	445	-.153	.021	-.073	-.235
75	208	.365	.187	.871	-.286	75	330	-.253	.052	-.102	-.486	75	446	-.150	.021	-.073	-.239
75	209	-.192	.182	.405	-.913	75	331	-.290	.067	-.087	-.898	75	447	-.182	.023	-.100	-.257
75	210	-.475	.158	-.053	-.966	75	332	-.271	.069	-.075	-.612	75	501	-.171	.031	-.076	-.341
75	211	-.217	.090	.044	-.552	75	333	-.288	.071	-.085	-.661	75	502	-.144	.029	-.024	-.352
75	212	-.114	.059	.082	-.298	75	334	-.287	.071	-.087	-.721	75	503	-.128	.033	.006	-.396
75	213	-.091	.042	.124	-.235	75	335	-.296	.077	.007	-.673	75	504	-.136	.042	.054	-.434
75	214	-.071	.040	.121	-.196	75	336	-.303	.078	.010	-.681	75	505	-.141	.047	.027	-.487
75	215	-.069	.038	.107	-.202	75	337	-.413	.095	-.048	-.796	75	506	-.210	.103	.062	-.793
75	216	-.095	.035	.040	-.231	75	338	-.479	.109	-.123	-.947	75	507	-.445	.197	-.036	-1.139
75	217	-.186	.035	-.077	-.322	75	339	-.549	.124	-.211	-1.184	75	508	-.687	.159	-.152	-1.327
75	218	-.335	.056	-.138	-.543	75	340	-.505	.110	-.223	-1.003	75	509	-.745	.148	-.346	-1.432
75	219	-.246	.039	-.112	-.400	75	341	-.486	.105	-.218	-1.029	75	510	-.759	.170	-.323	-1.608
75	220	-.242	.038	-.110	-.398	75	342	-.472	.108	-.177	-.917	75	511	-.671	.188	-.041	-1.486

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	512	-.022	.209	.672	-.866	75	624	-.308	.070	-.051	-.655	75	804	.036	.039	.215	-.097
75	513	.471	.160	.405	-.055	75	629	-.298	.091	-.058	-.817	75	805	.138	.046	.291	.021
75	514	.571	.118	.942	.251	75	630	-.232	.098	.008	-.852	75	806	.215	.055	.390	.070
75	515	.536	.104	.864	.254	75	631	-.347	.125	-.046	-1.129	75	807	.274	.066	.483	.091
75	516	.414	.086	.747	.200	75	632	-.405	.148	-.025	-1.329	75	808	.338	.084	.625	.118
75	517	.343	.077	.634	.116	75	633	-.353	.130	.073	-.953	75	809	.364	.098	.674	.091
75	518	.234	.066	.494	.042	75	634	-.244	.101	.104	-.632	75	810	.425	.113	.831	.105
75	519	.050	.053	.251	-.124	75	635	-.322	.109	.168	-.711	75	811	.371	.141	.855	-.138
75	520	-.327	.072	-.101	-.685	75	636	-.351	.105	.117	-.876	75	812	.012	.213	.630	-.666
75	521	-.680	.148	-.293	-1.346	75	637	-.424	.186	.034	-1.182	75	813	-.426	.225	.308	-1.129
75	522	-.643	.128	-.284	-1.280	75	638	-.433	.287	-.071	-1.309	75	814	-.349	.184	.204	-.989
75	523	-.576	.141	-.075	-1.034	75	639	-.595	.322	-.100	-1.521	75	815	-.085	.099	.160	-.779
75	524	-.370	.164	-.057	-.899	75	640	-.619	.332	-.112	-1.588	75	816	-.064	.043	.089	-.321
75	525	-.171	.095	.022	-.199	75	701	-.211	.126	.022	-.537	75	817	-.077	.039	.076	-.243
75	526	-.097	.044	.036	-.388	75	702	-.007	.057	.177	-.170	75	818	-.099	.033	.042	-.243
75	527	-.088	.034	.060	-.325	75	703	.039	.051	.226	-.097	75	819	-.147	.030	-.036	-.243
75	528	-.103	.028	.033	-.285	75	704	.096	.052	.306	-.053	75	820	-.217	.036	-.091	-.329
75	529	-.121	.026	-.041	-.247	75	705	.176	.057	.431	.003	75	821	-.219	.036	-.105	-.347
75	530	-.151	.032	-.035	-.322	75	706	.262	.059	.520	.090	75	822	-.215	.036	-.104	-.342
75	531	-.148	.039	-.024	-.316	75	707	.343	.086	.620	.134	75	823	-.216	.036	-.104	-.342
75	532	-.148	.034	-.035	-.317	75	708	.410	.108	.732	.141	75	824	-.222	.037	-.110	-.355
75	533	-.145	.035	-.038	-.327	75	709	.481	.131	.871	.131	75	825	-.228	.038	-.102	-.390
75	534	-.140	.035	-.024	-.314	75	710	.491	.127	.878	.129	75	826	-.239	.040	-.123	-.381
75	535	-.139	.030	-.016	-.276	75	711	.521	.166	.983	-.119	75	827	-.243	.042	-.113	-.395
75	536	-.156	.027	-.076	-.284	75	712	.119	.265	.742	-.927	75	828	-.236	.044	-.107	-.445
75	537	-.168	.030	-.075	-.309	75	713	-.377	.296	.411	-1.414	75	829	-.219	.047	-.047	-.439
75	538	-.176	.039	-.063	-.428	75	714	-.238	.206	.280	-.971	75	830	-.219	.049	-.065	-.405
75	539	-.174	.042	-.052	-.496	75	715	-.041	.100	.226	-.661	75	831	-.211	.057	.003	-.460
75	540	-.172	.038	-.019	-.398	75	716	-.047	.058	.160	-.238	75	832	-.210	.063	.015	-.528
75	541	-.494	.267	-.109	-1.214	75	717	-.047	.047	.126	-.212	75	833	-.235	.080	-.021	-.630
75	542	-.511	.272	-.121	-1.256	75	718	-.036	.034	.088	-.146	75	834	-.261	.093	-.011	-.850
75	601	-.325	.176	-.042	-.813	75	719	-.151	.036	.015	-.304	75	835	-.256	.085	.053	-.803
75	602	-.050	.071	.143	-.253	75	720	-.263	.042	-.127	-.424	75	836	-.247	.077	.071	-.808
75	603	.030	.053	.229	-.121	75	721	-.250	.044	-.097	-.416	75	837	-.255	.082	.013	-1.015
75	604	.164	.056	.375	-.008	75	722	-.194	.037	-.066	-.309	75	838	-.249	.077	.006	-.619
75	605	.280	.070	.545	.093	75	723	-.252	.045	-.104	-.413	75	839	-.241	.074	-.006	-.667
75	606	.361	.075	.637	.149	75	724	-.271	.046	-.122	-.479	75	840	-.227	.065	-.034	-.552
75	607	.441	.106	.774	.192	75	725	-.266	.044	-.095	-.462	75	841	-.225	.061	-.062	-.531
75	608	.465	.137	.868	.098	75	726	-.211	.045	-.051	-.396	75	842	-.229	.066	-.055	-.607
75	609	.577	.157	1.068	.115	75	727	-.282	.051	-.155	-.489	75	901	-.166	.044	-.042	-.376
75	610	.533	.141	.924	.008	75	728	-.297	.053	-.144	-.518	75	902	-.062	.034	.073	-.212
75	611	.133	.250	.878	-.873	75	729	-.280	.057	-.115	-.492	75	903	-.001	.036	.141	-.110
75	612	-.427	.283	.362	-1.545	75	730	-.216	.059	-.059	-.492	75	904	.074	.042	.236	-.044
75	613	-.341	.236	.226	-1.323	75	731	-.279	.081	.012	-.740	75	905	.115	.046	.293	-.008
75	614	.014	.079	.234	-.603	75	732	-.317	.089	-.051	-.878	75	906	.148	.050	.342	.018
75	615	-.026	.056	.222	-.255	75	733	-.318	.103	-.073	-.934	75	907	.207	.061	.405	.081
75	616	-.059	.045	.153	-.205	75	734	-.237	.094	-.008	-.824	75	908	.257	.065	.496	.104
75	617	-.079	.038	.115	-.199	75	735	-.250	.068	-.031	-.555	75	909	.321	.080	.607	.131
75	618	-.090	.030	.042	-.195	75	736	-.246	.074	.015	-.653	75	910	.343	.091	.662	.100
75	619	-.249	.044	-.126	-.447	75	737	-.249	.079	.002	-.782	75	911	.388	.118	.759	.002
75	620	-.260	.045	-.132	-.470	75	738	-.251	.077	.016	-.643	75	912	.297	.158	.761	-.436
75	621	-.243	.045	-.119	-.457	75	739	-.267	.095	.016	-.753	75	913	-.038	.238	.538	-.989
75	622	-.182	.041	-.065	-.363	75	740	-.335	.162	-.133	-1.200	75	914	-.418	.242	.217	-1.078
75	623	-.246	.045	-.087	-.445	75	741	-.123	.259	-.139	-1.550	75	915	-.347	.192	.133	-.918
75	624	-.270	.045	-.124	-.506	75	742	-.895	.310	-.164	-1.823	75	916	-.089	.107	.173	-.651
75	625	-.268	.049	-.126	-.520	75	801	-.212	.046	-.094	-.406	75	917	-.061	.050	.143	-.290
75	626	-.231	.047	-.102	-.452	75	802	-.151	.040	-.032	-.309	75	918	-.070	.038	.086	-.193
75	627	-.286	.056	-.065	-.503	75	803	-.086	.038	.060	-.212	75	919	-.095	.032	.037	-.217

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	920	-.136	.029	-.011	-.236	75	1034	-.245	.104	.065	-.714	75	1206	.132	.051	.344	0.000
75	921	-.202	.036	-.073	-.327	75	1035	-.238	.089	-.024	-.666	75	1207	.160	.046	.313	.028
75	922	-.201	.037	-.070	-.334	75	1036	-.230	.072	-.050	-.653	75	1208	.103	.045	.263	-.015
75	923	-.201	.036	-.068	-.337	75	1037	-.222	.073	-.018	-.596	75	1209	.193	.050	.374	.069
75	924	-.198	.033	-.078	-.308	75	1038	-.224	.074	-.036	-.594	75	1210	.234	.061	.472	.087
75	925	-.203	.034	-.087	-.342	75	1039	-.216	.078	-.010	-.881	75	1211	.253	.064	.512	.084
75	926	-.233	.036	-.140	-.431	75	1040	-.211	.069	-.063	-.729	75	1212	.252	.070	.525	-.053
75	927	-.221	.037	-.108	-.363	75	1041	-.193	.065	-.063	-.560	75	1213	.234	.077	.550	-.117
75	928	-.236	.040	-.117	-.371	75	1042	-.199	.065	-.066	-.562	75	1214	.114	.130	.486	-.385
75	929	-.232	.049	-.110	-.373	75	1101	-.165	.047	-.065	-.400	75	1215	-.082	.169	.469	-.634
75	930	-.228	.041	-.107	-.415	75	1102	-.076	.036	.047	-.217	75	1216	-.245	.159	.257	-.784
75	931	-.202	.043	-.036	-.390	75	1103	.004	.035	.141	-.118	75	1217	-.186	.137	.280	-.673
75	932	-.206	.054	-.037	-.441	75	1104	.102	.040	.249	-.018	75	1218	-.049	.089	.262	-.558
75	933	-.189	.060	-.019	-.510	75	1105	.128	.042	.279	.023	75	1219	-.022	.043	.214	-.339
75	934	-.192	.073	-.006	-.646	75	1106	.143	.046	.332	.023	75	1220	-.044	.034	.145	-.209
75	935	-.224	.100	-.016	-.815	75	1107	.186	.054	.407	.052	75	1221	-.071	.031	.059	-.163
75	936	-.273	.115	.010	-.938	75	1108	.222	.064	.513	.062	75	1222	-.113	.028	-.023	-.199
75	937	-.262	.101	.026	-.787	75	1109	.264	.074	.598	.076	75	1223	-.200	.034	-.086	-.326
75	938	-.246	.084	-.008	-.797	75	1110	.273	.082	.648	.026	75	1224	-.240	.044	-.097	-.415
75	939	-.225	.081	-.005	-.630	75	1111	.270	.090	.603	-.092	75	1225	-.199	.039	-.087	-.347
75	940	-.230	.081	-.008	-.807	75	1112	.151	.138	.611	-.386	75	1226	-.236	.044	-.130	-.407
75	941	-.213	.073	-.058	-.820	75	1113	-.100	.197	.509	-.750	75	1227	-.223	.042	-.128	-.387
75	942	-.204	.062	-.083	-.658	75	1114	-.341	.182	.285	-.964	75	1228	-.232	.043	-.142	-.407
75	943	-.196	.059	-.052	-.444	75	1115	-.280	.149	.159	-.813	75	1229	-.235	.038	-.109	-.357
75	944	-.204	.060	-.057	-.465	75	1116	-.106	.104	.128	-.616	75	1230	-.242	.039	-.094	-.395
75	1001	-.159	.049	-.039	-.442	75	1117	-.024	.044	.138	-.147	75	1231	-.234	.039	-.077	-.410
75	1002	-.062	.036	.050	-.227	75	1118	-.040	.036	.104	-.168	75	1232	-.249	.046	-.117	-.512
75	1003	.010	.035	.152	-.146	75	1119	-.065	.030	.048	-.184	75	1233	-.250	.059	-.077	-.598
75	1004	.079	.040	.228	-.060	75	1120	-.113	.030	-.018	-.224	75	1234	-.252	.074	-.044	-.749
75	1005	.144	.047	.317	.018	75	1121	-.174	.030	-.074	-.265	75	1235	-.219	.072	.015	-.713
75	1006	.190	.056	.395	.055	75	1122	-.198	.033	-.099	-.316	75	1236	-.216	.090	.020	-.820
75	1007	.248	.064	.479	.083	75	1123	-.186	.032	-.087	-.303	75	1237	-.198	.101	.171	-.670
75	1008	.299	.078	.617	.099	75	1124	-.195	.033	-.099	-.316	75	1238	-.168	.089	.176	-.734
75	1009	.320	.088	.675	.040	75	1125	-.216	.042	-.100	-.367	75	1239	-.160	.079	.114	-.749
75	1010	.340	.101	.658	.031	75	1126	-.223	.044	-.109	-.445	75	1241	-.172	.073	.097	-.517
75	1011	.265	.142	.677	-.345	75	1127	-.220	.044	-.100	-.423	75	1242	-.170	.065	.072	-.428
75	1012	-.054	.229	.515	-1.077	75	1128	-.235	.050	-.115	-.560	75	1243	-.171	.068	.013	-.566
75	1013	-.358	.216	.249	-1.064	75	1129	-.250	.063	-.128	-.826	75	1244	-.183	.071	-.007	-.639
75	1014	-.310	.175	.159	-.418	75	1130	-.257	.066	-.084	-.655	75	1245	-.173	.062	-.020	-.505
75	1015	-.100	.107	.130	-.638	75	1131	-.233	.067	.002	-.560	75	1246	-.170	.060	.002	-.484
75	1016	-.069	.047	.086	-.324	75	1132	-.244	.089	-.013	-.663	75	1247	-.165	.058	.021	-.487
75	1017	-.072	.035	.042	-.211	75	1133	-.225	.099	.130	-.805	75	1248	-.209	.077	.005	-.659
75	1018	-.096	.029	0.000	-.199	75	1134	-.185	.079	.155	-.647	75	1301	-.351	.040	-.216	-.513
75	1019	-.122	.028	-.018	-.256	75	1135	-.160	.073	.117	-.657	75	1302	-.980	.151	-.517	-1.533
75	1020	-.189	.036	-.087	-.342	75	1136	-.173	.080	.059	-.803	75	1303	-.123	.042	.046	-.247
75	1021	-.191	.038	-.091	-.355	75	1137	-.165	.079	.089	-.571	75	1304	.056	.043	.205	-.088
75	1022	-.192	.037	-.087	-.361	75	1138	-.168	.080	.163	-.736	75	1305	-.101	.029	-.012	-.303
75	1023	-.191	.035	-.097	-.303	75	1139	-.169	.086	.156	-.764	75	1306	-.296	.078	-.033	-.603
75	1024	-.202	.037	-.105	-.322	75	1140	-.178	.091	.100	-.769	75	1307	-.500	.169	-.200	-1.074
75	1025	-.202	.036	-.104	-.319	75	1141	-.171	.089	.114	-.632	75	1308	-.241	.079	.058	-.615
75	1026	-.215	.037	-.102	-.377	75	1142	-.164	.083	.095	-.573	75	1309	-.250	.076	-.012	-.655
75	1027	-.227	.038	-.096	-.379	75	1143	-.485	.181	.002	-1.282	75	1310	-.100	.092	.175	-.396
75	1028	-.234	.042	-.110	-.418	75	1144	-.541	.170	-.066	-1.337	75	1311	-.254	.064	-.082	-.510
75	1029	-.217	.048	-.068	-.444	75	1201	-.123	.046	.016	-.344	75	1312	-.122	.032	.030	-.231
75	1030	-.223	.064	-.050	-.541	75	1202	-.093	.035	.007	-.257	75	1313	-.084	.037	.061	-.193
75	1031	-.199	.072	.003	-.528	75	1203	-.112	.038	-.005	-.277	0	0	0.000	0.000	0.000	0.000
75	1032	-.194	.075	.006	-.705	75	1204	-.107	.042	.015	-.286	0	0	0.000	0.000	0.000	0.000
75	1033	-.210	.092	.008	-.766	75	1205	.135	.061	.370	-.044	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	101	-.304	.054	-.088	-.548	90	221	-.167	.037	-.056	-.350	90	401	-.354	.067	-.091	-.596
90	102	-.033	.050	.180	-.214	90	222	-.174	.034	-.049	-.301	90	402	-.019	.057	.200	-.203
90	103	.048	.058	.259	-.159	90	223	-.204	.035	-.085	-.337	90	403	.146	.069	.379	-.078
90	104	.087	.062	.350	-.107	90	224	-.179	.037	-.061	-.312	90	404	.324	.078	.645	.107
90	105	.124	.064	.427	-.112	90	225	-.197	.044	-.069	-.430	90	405	.391	.088	.688	.132
90	106	.225	.079	.515	-.025	90	226	-.196	.048	-.064	-.466	90	406	.486	.098	.808	.188
90	107	.343	.095	.655	.012	90	227	-.231	.054	-.093	-.566	90	407	.543	.111	.911	.207
90	108	.459	.120	.821	.063	90	228	-.233	.060	-.090	-.589	90	408	.592	.128	.942	.163
90	109	.134	.147	.624	-.391	90	229	-.186	.044	-.066	-.664	90	409	.469	.155	.926	-.124
90	110	-.544	.135	-.040	-1.056	90	230	-.173	.040	-.010	-.413	90	410	-.005	.195	.576	-.737
90	111	-.621	.132	-.263	-1.429	90	231	-.227	.054	-.041	-.517	90	411	-.800	.219	-.191	-1.479
90	112	-.646	.116	-.259	-1.131	90	232	-.285	.080	-.046	-.642	90	412	-.917	.183	-.368	-1.619
90	113	-.576	.115	-.182	-1.046	90	233	-.503	.132	-.164	-1.060	90	413	-.927	.175	-.422	-1.633
90	114	-.351	.127	-.054	-.970	90	234	-.826	.153	-.276	-1.311	90	414	-.812	.211	-.144	-1.553
90	115	-.274	.111	-.047	-.958	90	235	-.924	.151	-.342	-1.357	90	415	-.428	.183	-.059	-1.067
90	116	-.218	.074	-.023	-.632	90	236	-.929	.165	-.335	-1.421	90	416	-.217	.086	-.014	-.936
90	117	-.184	.066	.058	-.576	90	301	-.363	.063	-.075	-.605	90	417	-.164	.053	.047	-.677
90	118	-.195	.055	-.009	-.573	90	302	-.016	.054	.218	-.180	90	418	-.167	.040	-.008	-.563
90	119	-.227	.065	-.014	-.635	90	303	.132	.065	.364	-.080	90	419	-.206	.049	-.066	-.723
90	120	-.195	.056	-.012	-.511	90	304	.251	.073	.522	.005	90	420	-.184	.051	-.092	-.518
90	121	-.167	.048	-.005	-.412	90	305	.319	.080	.584	.044	90	421	-.166	.052	-.061	-.559
90	122	-.160	.047	.026	-.387	90	306	.441	.099	.725	.130	90	422	-.175	.059	-.042	-.666
90	123	-.164	.052	.005	-.580	90	307	.324	.091	.615	.015	90	423	-.178	.051	-.053	-.513
90	124	-.171	.052	-.026	-.599	90	308	.376	.098	.708	.066	90	424	-.170	.040	-.056	-.357
90	125	-.160	.053	-.004	-.641	90	309	.437	.109	.772	.107	90	425	-.165	.035	-.043	-.391
90	126	-.186	.048	-.047	-.448	90	310	.506	.130	.915	-.012	90	426	-.171	.031	-.085	-.336
90	127	-.198	.048	-.032	-.405	90	311	.147	.170	.706	-.501	90	427	-.172	.031	-.071	-.315
90	128	-.205	.048	-.042	-.469	90	312	-.638	.229	.025	-1.526	90	428	-.172	.036	-.076	-.352
90	129	-.223	.062	-.047	-.541	90	313	-1.138	.238	-.408	-1.895	90	429	-.172	.044	-.035	-.458
90	130	-.258	.064	-.070	-.609	90	314	-.948	.193	-.335	-1.585	90	430	-.180	.047	-.050	-.489
90	131	-.195	.059	.086	-.655	90	315	-.424	.136	-.169	-.896	90	431	-.192	.053	-.048	-.582
90	132	-.200	.061	-.039	-.683	90	316	-.259	.077	-.105	-.838	90	432	-.189	.050	-.058	-.487
90	133	-.250	.085	-.025	-.657	90	317	-.233	.071	-.091	-.742	90	433	-.185	.057	-.035	-.506
90	134	-.297	.091	-.063	-.727	90	318	-.214	.074	-.071	-.783	90	434	-.201	.058	-.056	-.592
90	135	-.346	.086	-.100	-.727	90	319	-.228	.063	-.100	-.666	90	435	-.216	.060	-.050	-.545
90	136	-.406	.070	-.182	-.709	90	320	-.213	.052	-.095	-.578	90	436	-.222	.066	-.029	-.719
90	137	-.960	.183	-.368	-1.555	90	321	-.192	.050	-.066	-.654	90	437	-.231	.069	.014	-.658
90	138	-1.081	.208	-.375	-1.685	90	322	-.179	.049	-.083	-.534	90	438	-.194	.064	.156	-.561
90	201	-.342	.069	-.044	-.560	90	323	-.205	.051	-.085	-.566	90	439	-.206	.081	.066	-.609
90	202	-.013	.054	.170	-.207	90	324	-.177	.049	-.039	-.547	90	440	-.294	.113	.059	-.794
90	203	.153	.063	.378	-.060	90	325	-.180	.040	-.078	-.390	90	441	-.438	.155	.008	-1.268
90	204	.312	.075	.583	.058	90	326	-.166	.034	-.056	-.476	90	442	-.649	.159	-.170	-1.479
90	205	.402	.086	.695	.112	90	327	-.198	.032	-.088	-.369	90	443	-.754	.129	-.301	-1.241
90	206	.447	.110	.755	.065	90	328	-.172	.031	-.085	-.329	90	444	-.734	.124	-.415	-1.317
90	207	.467	.174	.405	-.184	90	329	-.180	.032	-.091	-.330	90	445	-.718	.129	-.405	-1.439
90	208	-.284	.158	.335	-.963	90	330	-.175	.034	-.080	-.298	90	446	-.734	.132	-.415	-1.386
90	209	-.911	.206	-.243	-1.539	90	331	-.211	.042	-.100	-.481	90	447	-.674	.099	-.416	-1.201
90	210	-.841	.192	-.236	-1.377	90	332	-.191	.048	-.071	-.488	90	501	-.369	.081	-.087	-.641
90	211	-.696	.176	-.158	-1.280	90	333	-.209	.054	-.075	-.491	90	502	-.044	.058	.201	-.217
90	212	-.438	.115	-.074	-.960	90	334	-.230	.062	-.073	-.576	90	503	.127	.063	.381	-.061
90	213	-.277	.097	-.018	-.821	90	335	-.206	.050	.008	-.579	90	504	.219	.070	.510	.034
90	214	-.193	.084	.046	-.636	90	336	-.179	.051	.051	-.493	90	505	.301	.077	.584	.095
90	215	-.149	.074	.044	-.508	90	337	-.246	.084	-.010	-.959	90	506	.410	.088	.720	.159
90	216	-.101	.063	.077	-.394	90	338	-.350	.115	-.071	-.805	90	507	.487	.100	.844	.169
90	217	-.123	.052	.028	-.389	90	339	-.607	.162	-.159	-1.103	90	508	.532	.114	.955	.172
90	218	-.194	.047	-.047	-.501	90	340	-.781	.150	-.234	-1.270	90	509	.548	.124	.973	.209
90	219	-.165	.043	-.011	-.468	90	341	-.815	.160	-.263	-1.611	90	510	.448	.159	.994	-.251
90	220	-.164	.039	-.037	-.333	90	342	-.792	.164	-.247	-1.950	90	511	-.039	.213	.645	-.817

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	512	-.768	.205	.124	-1.630	90	628	-.168	.040	-.039	-.381	90	804	.143	.058	.372	-.008
90	513	-.824	.184	-.322	-1.596	90	629	-.166	.057	-.022	-.566	90	805	.265	.069	.506	.037
90	514	-.801	.163	-.267	-1.408	90	630	-.144	.061	0.000	-.538	90	806	.352	.082	.625	.139
90	515	-.745	.176	-.090	-1.394	90	631	-.200	.078	.014	-.774	90	807	.408	.095	.735	.190
90	516	-.524	.221	-.040	-1.243	90	632	-.226	.065	.019	-.795	90	808	.447	.113	.815	.160
90	517	-.326	.165	.058	-1.194	90	633	-.223	.083	.145	-.776	90	809	.419	.114	.834	.091
90	518	-.218	.114	.188	-.990	90	634	-.210	.075	.099	-.723	90	810	.250	.167	.706	-.482
90	519	-.169	.071	.055	-.765	90	635	-.333	.114	-.046	-.935	90	811	-.210	.214	.458	-1.033
90	520	-.217	.069	.002	-.695	90	636	-.444	.144	-.111	-1.077	90	812	-.759	.205	-.073	-1.599
90	521	-.216	.078	-.040	-.691	90	637	-.613	.191	-.140	-1.292	90	813	-.739	.208	-.056	-1.782
90	522	-.183	.071	.008	-.686	90	638	-.784	.205	-.214	-1.575	90	814	-.720	.190	-.029	-1.530
90	523	-.180	.070	.018	-.632	90	639	-1.042	.249	-.200	-2.032	90	815	-.656	.190	.014	-1.637
90	524	-.177	.064	.026	-.661	90	640	-1.089	.277	-.200	-2.343	90	816	-.503	.199	.104	-1.300
90	525	-.176	.053	.002	-.521	90	701	-.290	.086	.055	-.590	90	817	-.384	.163	-.005	-1.054
90	526	-.164	.042	-.003	-.412	90	702	.021	.059	.316	-.138	90	818	-.283	.130	.099	-.886
90	527	-.175	.036	-.035	-.330	90	703	.158	.067	.434	-.019	90	819	-.223	.090	.056	-.664
90	528	-.175	.032	-.047	-.309	90	704	.249	.074	.537	.070	90	820	-.214	.075	-.003	-.696
90	529	-.153	.029	-.043	-.249	90	705	.338	.083	.668	.137	90	821	-.216	.075	-.014	-.866
90	530	-.142	.034	-.031	-.339	90	706	.396	.084	.730	.167	90	822	-.191	.066	.026	-.597
90	531	-.156	.047	-.023	-.428	90	707	.524	.111	.918	.249	90	823	-.178	.062	.016	-.532
90	532	-.172	.061	-.014	-.595	90	708	.576	.129	1.012	.185	90	824	-.170	.056	.008	-.473
90	533	-.179	.061	-.018	-.712	90	709	.590	.148	1.042	.097	90	825	-.172	.042	-.029	-.390
90	534	-.193	.072	.050	-.638	90	710	.359	.179	.856	-.326	90	826	-.176	.037	-.054	-.399
90	535	-.193	.071	.096	-.584	90	711	-.167	.260	.576	-1.100	90	827	-.164	.029	-.061	-.286
90	536	-.218	.096	.111	-.690	90	712	-.929	.245	-.185	-1.779	90	828	-.150	.027	-.064	-.254
90	537	-.293	.130	.034	-.891	90	713	-.956	.260	-.340	-2.160	90	829	-.136	.033	-.010	-.283
90	538	-.418	.172	.088	-.985	90	714	-.808	.200	-.263	-1.652	90	830	-.137	.041	-.035	-.402
90	539	-.609	.179	-.166	-1.174	90	715	-.803	.230	-.149	-1.825	90	831	-.143	.051	-.021	-.442
90	540	-.750	.154	-.204	-1.312	90	716	-.569	.239	-.027	-1.531	90	832	-.149	.056	-.008	-.479
90	541	-.872	.187	-.299	-1.731	90	717	-.393	.199	.029	-1.377	90	833	-.158	.062	.002	-.503
90	542	-.882	.202	-.299	-1.842	90	718	-.236	.122	.091	-.971	90	834	-.168	.060	.011	-.546
90	601	-.453	.106	-.058	-.812	90	719	-.242	.103	.073	-.873	90	835	-.168	.060	.053	-.730
90	602	-.040	.060	.202	-.241	90	720	-.247	.079	.128	-.748	90	836	-.178	.069	.046	-.791
90	603	.142	.067	.379	-.065	90	721	-.244	.087	.002	-.798	90	837	-.238	.087	.003	-.746
90	604	.330	.084	.617	.099	90	722	-.180	.067	.012	-.600	90	838	-.325	.110	-.102	-.768
90	605	.454	.101	.837	.174	90	723	-.193	.070	.097	-.572	90	839	-.429	.122	-.067	-.872
90	606	.466	.102	.877	.210	90	724	-.188	.065	.019	-.588	90	840	-.528	.122	-.161	-.901
90	607	.623	.118	.979	.256	90	725	-.181	.054	.003	-.465	90	841	-.671	.198	-.147	-1.402
90	608	.636	.137	1.058	.169	90	726	-.155	.041	-.017	-.398	90	842	-.740	.208	-.241	-1.659
90	609	.442	.178	.979	-.231	90	727	-.192	.040	-.072	-.381	90	901	-.355	.078	-.065	-.666
90	610	-.087	.201	.509	-.904	90	728	-.187	.036	-.079	-.367	90	902	-.089	.051	.133	-.275
90	611	-.843	.220	-.120	-1.762	90	729	-.171	.037	.022	-.338	90	903	.038	.052	.265	-.094
90	612	-.918	.217	-.405	-1.892	90	730	-.142	.034	-.036	-.292	90	904	.159	.056	.399	.016
90	613	-.903	.191	-.429	-1.692	90	731	-.161	.044	-.026	-.456	90	905	.214	.061	.460	.035
90	614	-.721	.178	-.167	-1.594	90	732	-.198	.066	-.024	-.834	90	906	.254	.065	.503	.056
90	615	-.591	.251	-.096	-1.557	90	733	-.211	.082	-.032	-.938	90	907	.318	.074	.626	.085
90	616	-.402	.205	.082	-1.323	90	734	-.184	.080	.014	-.889	90	908	.369	.093	.781	.136
90	617	-.273	.143	.097	-1.073	90	735	-.196	.058	.016	-.478	90	909	.404	.108	.886	.145
90	618	-.184	.080	.085	-.767	90	736	-.217	.069	.019	-.529	90	910	.376	.119	.840	.062
90	619	-.231	.072	.036	-.627	90	737	-.298	.094	-.038	-.637	90	911	.204	.177	.672	-.398
90	620	-.236	.078	-.019	-.673	90	738	-.400	.120	.077	-.835	90	912	-.265	.222	.454	-1.086
90	621	-.202	.072	.010	-.656	90	739	-.487	.116	-.204	-.942	90	913	-.734	.221	-.195	-1.669
90	622	-.153	.060	.034	-.634	90	740	-.610	.142	-.256	-1.099	90	914	-.729	.220	-.150	-1.675
90	623	-.179	.063	.034	-.600	90	741	-.979	.232	-.382	-1.736	90	915	-.695	.200	-.169	-1.485
90	624	-.184	.051	.015	-.484	90	742	-1.201	.276	-.479	-2.024	90	916	-.640	.182	-.172	-1.335
90	625	-.181	.042	-.007	-.402	90	801	-.398	.081	-.149	-.704	90	917	-.465	.183	-.008	-1.222
90	626	-.134	.029	-.026	-.249	90	802	-.165	.056	.065	-.367	90	918	-.341	.156	.069	-1.152
90	627	-.168	.035	-.046	-.326	90	803	-.038	.050	.200	-.196	90	919	-.263	.125	.069	-.878

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	920	-.224	.091	.059	-.816	90	1034	-.187	.066	-.016	-.593	90	1206	.242	.067	.450	.037
90	921	-.217	.075	.043	-.826	90	1035	-.170	.076	.086	-.533	90	1207	.258	.064	.466	.093
90	922	-.212	.072	-.006	-.831	90	1036	-.199	.095	.070	-.625	90	1208	.213	.055	.381	.021
90	923	-.194	.062	.021	-.517	90	1037	-.267	.122	.091	-.846	90	1209	.300	.067	.568	.120
90	924	-.185	.063	.035	-.436	90	1038	-.368	.138	.044	-.896	90	1210	.333	.077	.683	.139
90	925	-.176	.056	-.008	-.470	90	1039	-.449	.137	-.021	-1.023	90	1211	.294	.072	.696	.110
90	926	-.160	.038	-.043	-.341	90	1040	-.524	.117	-.153	-1.023	90	1212	.239	.073	.632	.026
90	927	-.180	.043	-.070	-.390	90	1041	-.514	.127	-.172	-1.132	90	1213	-.056	.159	.451	-.624
90	928	-.180	.036	-.073	-.336	90	1042	-.535	.142	-.158	-1.229	90	1214	-.410	.186	.146	-1.094
90	929	-.161	.032	-.060	-.299	90	1101	-.357	.088	-.109	-.690	90	1215	-.577	.172	-.125	-1.366
90	930	-.145	.032	-.010	-.304	90	1102	-.120	.047	.060	-.261	90	1216	-.570	.179	-.152	-1.581
90	931	-.133	.033	.013	-.296	90	1103	.028	.042	.169	-.083	90	1217	-.523	.176	-.147	-1.538
90	932	-.140	.039	.021	-.317	90	1104	.170	.049	.341	.042	90	1218	-.431	.162	-.046	-1.230
90	933	-.141	.045	.029	-.460	90	1105	.204	.052	.437	.060	90	1219	-.279	.123	-.058	-1.003
90	934	-.147	.048	.028	-.490	90	1106	.226	.056	.479	.076	90	1220	-.211	.095	0.000	-.784
90	935	-.151	.048	.065	-.617	90	1107	.271	.064	.576	.107	90	1221	-.183	.071	0.000	-.706
90	936	-.179	.054	.021	-.469	90	1108	.290	.072	.620	.128	90	1222	-.164	.054	-.003	-.561
90	937	-.159	.053	.042	-.443	90	1109	.275	.078	.575	.091	90	1223	-.179	.045	-.042	-.578
90	938	-.172	.068	.179	-.541	90	1110	.228	.091	.560	-.021	90	1224	-.189	.051	-.051	-.554
90	939	-.240	.109	.084	-.753	90	1111	.032	.160	.525	-.783	90	1225	-.187	.055	-.024	-.487
90	940	-.353	.141	.010	-1.018	90	1112	-.345	.205	.304	-1.375	90	1226	-.221	.009	-.194	-.246
90	941	-.478	.140	-.041	-1.146	90	1113	-.659	.207	-.114	-1.764	90	1227	-.158	.042	-.016	-.502
90	942	-.577	.115	-.226	-1.119	90	1114	-.652	.213	-.180	-1.656	90	1228	-.165	.046	-.022	-.485
90	943	-.570	.119	-.218	-1.083	90	1115	-.616	.192	-.156	-1.642	90	1229	-.146	.032	-.035	-.338
90	944	-.604	.137	-.226	-1.146	90	1116	-.563	.183	-.167	-1.289	90	1230	-.169	.037	-.077	-.362
90	1001	-.328	.072	-.101	-.598	90	1117	-.354	.147	-.010	-.960	90	1231	-.142	.032	-.040	-.315
90	1002	-.091	.048	.081	-.239	90	1118	-.255	.112	.034	-.955	90	1232	-.154	.051	.022	-.435
90	1003	.034	.047	.263	-.115	90	1119	-.191	.077	.181	-.701	90	1233	-.119	.042	.069	-.254
90	1004	.146	.052	.406	.006	90	1120	-.166	.057	.053	-.506	90	1234	-.127	.041	.080	-.477
90	1005	.228	.059	.525	.068	90	1121	-.175	.045	-.038	-.498	90	1235	-.128	.039	.059	-.373
90	1006	.278	.069	.575	.112	90	1122	-.184	.046	-.051	-.413	90	1236	-.128	.041	.037	-.362
90	1007	.320	.073	.617	.114	90	1123	-.168	.042	-.026	-.442	90	1237	-.129	.041	.019	-.405
90	1008	.340	.087	.646	.104	90	1124	-.161	.043	-.026	-.371	90	1238	-.133	.044	.027	-.434
90	1009	.317	.100	.669	-.010	90	1125	-.158	.042	-.022	-.395	90	1239	-.137	.044	.024	-.389
90	1010	.154	.168	.654	-.388	90	1126	-.171	.048	-.026	-.515	90	1241	-.129	.043	.035	-.370
90	1011	-.279	.211	.500	-1.166	90	1127	-.159	.049	0.000	-.552	90	1242	-.150	.051	.042	-.434
90	1012	-.740	.212	-.154	-1.634	90	1128	-.133	.038	-.013	-.373	90	1243	-.196	.060	-.024	-.549
90	1013	-.698	.213	-.214	-1.517	90	1129	-.124	.035	.046	-.307	90	1244	-.252	.069	-.045	-.616
90	1014	-.677	.194	-.219	-1.440	90	1130	-.126	.035	.078	-.344	90	1245	-.316	.073	-.136	-.749
90	1015	-.592	.181	-.130	-1.553	90	1131	-.127	.036	-.005	-.451	90	1246	-.352	.071	-.157	-.688
90	1016	-.461	.173	.008	-1.111	90	1132	-.128	.038	.011	-.464	90	1247	-.436	.100	-.171	-.902
90	1017	-.345	.149	.049	-.971	90	1133	-.125	.039	.066	-.376	90	1248	-.621	.142	-.269	-1.138
90	1018	-.271	.123	.078	-.875	90	1134	-.129	.040	.061	-.323	90	1301	-.436	.062	-.245	-.678
90	1019	-.224	.087	.045	-.645	90	1135	-.134	.042	.040	-.362	90	1302	-1.145	.169	-.541	-1.690
90	1020	-.225	.074	-.010	-.762	90	1136	-.148	.049	.011	-.419	90	1303	.009	.067	.193	-.377
90	1021	-.220	.071	-.011	-.721	90	1137	-.138	.048	-.006	-.466	90	1304	-.129	.087	.124	-.524
90	1022	-.203	.060	-.023	-.641	90	1138	-.159	.060	.040	-.536	90	1305	-.441	.090	-.095	-.748
90	1023	-.180	.050	.014	-.486	90	1139	-.206	.076	.022	-.560	90	1306	-.540	.130	-.198	-.984
90	1024	-.182	.046	.018	-.434	90	1140	-.245	.077	-.018	-.686	90	1307	-.920	.234	-.322	-1.602
90	1025	-.182	.043	-.036	-.393	90	1141	-.285	.074	-.099	-.738	90	1308	-.190	.062	.112	-.503
90	1026	-.188	.043	-.081	-.382	90	1142	-.411	.132	-.138	-.931	90	1309	-.130	.063	.061	-.501
90	1027	-.153	.033	-.019	-.291	90	1143	-.732	.144	-.336	-1.278	90	1310	-.545	.126	-.187	-1.067
90	1028	-.145	.036	.031	-.313	90	1144	-.803	.161	-.357	-1.418	90	1311	-.420	.095	-.154	-.760
90	1029	-.135	.040	.060	-.336	90	1201	-.275	.061	-.085	-.522	90	1312	-.127	.082	.019	-.678
90	1030	-.140	.042	.047	-.354	90	1202	-.111	.039	.048	-.266	90	1313	-.107	.056	.021	-.396
90	1031	-.151	.048	0.000	-.419	90	1203	-.123	.048	.054	-.354	0	0	0.000	0.000	0.000	0.000
90	1032	-.162	.055	.016	-.508	90	1204	-.066	.052	.133	-.315	0	0	0.000	0.000	0.000	0.000
90	1033	-.166	.060	-.023	-.555	90	1205	.248	.082	.554	0.000						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	101	-.145	.068	.166	-.313	105	221	-.328	.058	-.119	-.543	105	401	-.267	.092	.056	-.542
105	102	.091	.075	.407	-.166	105	222	-.327	.058	-.147	-.494	105	402	.133	.078	.395	-.093
105	103	.163	.084	.424	-.106	105	223	-.349	.059	-.169	-.525	105	403	.301	.089	.605	.054
105	104	.193	.085	.454	-.061	105	224	-.318	.059	-.127	-.500	105	404	.461	.102	.764	.171
105	105	.227	.091	.515	-.049	105	225	-.328	.061	-.139	-.537	105	405	.496	.110	.796	.212
105	106	.317	.101	.640	.030	105	226	-.310	.064	-.093	-.577	105	406	.554	.117	.903	.234
105	107	.380	.116	.785	.026	105	227	-.344	.067	-.122	-.628	105	407	.547	.124	.926	.212
105	108	.282	.128	.640	-.321	105	228	-.332	.071	-.083	-.643	105	408	.524	.133	.928	.120
105	109	-.169	.123	.267	-.790	105	229	-.239	.045	-.090	-.425	105	409	.189	.170	.764	-.437
105	110	-.496	.104	-.178	-1.045	105	230	-.202	.040	-.086	-.366	105	410	-.257	.137	.176	-.845
105	111	-.424	.097	-.216	-1.098	105	231	-.199	.036	-.073	-.320	105	411	-.409	.084	-.195	-.967
105	112	-.434	.107	-.199	-1.176	105	232	-.172	.036	-.051	-.384	105	412	-.364	.081	-.161	-1.148
105	113	-.443	.099	-.192	-1.047	105	233	-.213	.050	-.066	-.628	105	413	-.392	.082	-.181	-1.196
105	114	-.435	.098	-.126	-1.042	105	234	-.356	.168	-.044	-1.182	105	414	-.368	.086	-.142	-1.172
105	115	-.413	.105	-.099	-1.054	105	235	-.924	.192	-.300	-1.690	105	415	-.393	.097	-.107	-1.201
105	116	-.402	.113	-.005	-.989	105	236	-1.019	.217	-.327	-1.841	105	416	-.408	.107	-.018	-.983
105	117	-.392	.110	-.031	-.960	105	301	-.226	.086	.125	-.508	105	417	-.391	.107	.090	-1.208
105	118	-.393	.109	-.047	-.955	105	302	.149	.078	.510	-.112	105	418	-.390	.102	-.027	-.934
105	119	-.394	.116	-.077	-.968	105	303	.287	.087	.742	-.036	105	419	-.408	.114	-.037	-.937
105	120	-.354	.092	-.045	-.696	105	304	.396	.094	.825	.029	105	420	-.416	.128	-.069	-1.134
105	121	-.345	.083	-.052	-.667	105	305	.445	.101	.815	.047	105	421	-.371	.096	-.063	-.813
105	122	-.338	.075	-.016	-.611	105	306	.517	.111	.896	.144	105	422	-.362	.081	-.082	-.765
105	123	-.325	.067	-.044	-.553	105	307	.381	.109	.728	.020	105	423	-.359	.071	-.134	-.749
105	124	-.314	.064	-.105	-.550	105	308	.415	.115	.777	.015	105	424	-.342	.062	-.158	-.553
105	125	-.302	.054	-.101	-.530	105	309	.428	.123	.777	.029	105	425	-.324	.058	-.140	-.502
105	126	-.294	.057	-.101	-.510	105	310	.281	.155	.708	-.278	105	426	-.316	.056	-.153	-.521
105	127	-.289	.057	-.098	-.496	105	311	-.182	.147	.293	-.774	105	427	-.312	.055	-.153	-.539
105	128	-.290	.056	-.099	-.511	105	312	-.442	.089	-.205	-.896	105	428	-.294	.055	-.140	-.521
105	129	-.300	.058	-.113	-.529	105	313	-.380	.077	-.181	-.860	105	429	-.288	.058	-.119	-.507
105	130	-.318	.063	-.143	-.607	105	314	-.373	.078	-.163	-.808	105	430	-.292	.056	-.132	-.502
105	131	-.210	.041	-.073	-.349	105	315	-.403	.087	-.176	-.899	105	431	-.297	.057	-.131	-.516
105	132	-.195	.041	-.052	-.384	105	316	-.390	.101	-.098	-.991	105	432	-.299	.056	-.136	-.534
105	133	-.211	.043	-.030	-.386	105	317	-.400	.104	-.110	-1.077	105	433	-.295	.057	-.124	-.523
105	134	-.224	.045	-.047	-.414	105	318	-.382	.102	-.064	-1.075	105	434	-.303	.057	-.134	-.521
105	135	-.252	.050	-.066	-.494	105	319	-.409	.106	-.036	-.909	105	435	-.313	.058	-.139	-.566
105	136	-.306	.057	-.157	-.551	105	320	-.397	.118	-.027	-1.045	105	436	-.311	.058	-.123	-.608
105	137	-.805	.155	-.359	-1.454	105	321	-.408	.124	-.044	-1.185	105	437	-.357	.067	-.140	-.658
105	138	-.905	.173	-.396	-1.571	105	322	-.369	.086	-.139	-.818	105	438	-.254	.043	-.119	-.423
105	201	-.194	.078	.103	-.464	105	323	-.394	.078	-.171	-.735	105	439	-.215	.035	-.076	-.408
105	202	.149	.077	.421	-.106	105	324	-.367	.073	-.135	-.667	105	440	-.175	.036	-.029	-.353
105	203	.299	.091	.574	-.005	105	325	-.364	.067	-.142	-.672	105	441	-.172	.047	-.010	-.544
105	204	.430	.104	.750	.049	105	326	-.330	.061	-.141	-.516	105	442	-.238	.096	-.069	-.949
105	205	.482	.113	.782	.061	105	327	-.347	.058	-.156	-.525	105	443	-.469	.217	-.077	-1.110
105	206	.484	.123	.820	.099	105	328	-.311	.057	-.152	-.513	105	444	-.918	.189	-.358	-1.655
105	207	.251	.186	.792	-.424	105	329	-.314	.056	-.137	-.520	105	445	-.912	.194	-.376	-1.714
105	208	-.366	.126	.342	-1.235	105	330	-.309	.059	-.144	-.532	105	446	-.999	.213	-.399	-1.885
105	209	-.548	.157	-.202	-1.307	105	331	-.335	.060	-.176	-.552	105	447	-.764	.151	-.287	-1.367
105	210	-.437	.103	-.215	-1.124	105	332	-.307	.060	-.144	-.511	105	501	-.261	.091	.021	-.560
105	211	-.408	.085	-.178	-1.190	105	333	-.321	.060	-.161	-.540	105	502	.106	.074	.434	-.086
105	212	-.405	.077	-.164	-.756	105	334	-.324	.065	-.142	-.572	105	503	.276	.083	.592	.050
105	213	-.396	.076	-.122	-.688	105	335	-.262	.046	-.115	-.440	105	504	.354	.092	.678	.110
105	214	-.383	.076	-.147	-.743	105	336	-.203	.038	-.058	-.339	105	505	.447	.098	.768	.157
105	215	-.390	.085	-.092	-.806	105	337	-.179	.035	-.030	-.310	105	506	.528	.104	.854	.248
105	216	-.410	.104	-.120	-.913	105	338	-.170	.036	.007	-.439	105	507	.568	.115	.884	.226
105	217	-.415	.123	-.117	-1.065	105	339	-.240	.071	-.034	-.760	105	508	.545	.126	.945	.174
105	218	-.407	.112	-.115	-.881	105	340	-.414	.197	-.017	-1.255	105	509	.520	.141	.983	.076
105	219	-.362	.074	-.094	-.640	105	341	-.917	.181	-.340	-1.585	105	510	.220	.184	.762	-.510
105	220	-.339	.061	-.087	-.544	105	342	-.980	.209	-.357	-1.736	105	511	-.279	.148	.252	-.918

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	512	-.429	.112	-.200	-1.323	105	628	-.318	.058	-.142	-.705	105	804	.262	.077	.530	.082
105	513	-.373	.086	-.186	-.952	105	629	-.313	.074	-.117	-1.100	105	805	.356	.082	.624	.175
105	514	-.363	.090	-.124	-1.029	105	630	-.259	.066	-.100	-.927	105	806	.418	.092	.699	.209
105	515	-.375	.093	.098	-1.047	105	631	-.316	.074	-.088	-1.013	105	807	.445	.102	.794	.194
105	516	-.391	.095	.016	-1.042	105	632	-.331	.076	-.045	-1.090	105	808	.436	.117	.861	.140
105	517	-.405	.107	-.127	-.983	105	633	-.290	.058	-.096	-.656	105	809	.346	.123	.752	-.029
105	518	-.396	.104	.053	-1.025	105	634	-.192	.043	-.050	-.355	105	810	.016	.173	.542	-.525
105	519	-.406	.104	.055	-.962	105	635	-.215	.043	-.082	-.517	105	811	-.361	.132	.087	-.842
105	520	-.440	.129	.013	-1.083	105	636	-.234	.054	-.088	-.615	105	812	-.398	.096	-.154	-.902
105	521	-.435	.127	-.089	-.989	105	637	-.286	.092	-.072	-.877	105	813	-.379	.095	-.154	-1.128
105	522	-.378	.093	-.061	-.824	105	638	-.421	.210	-.021	-1.248	105	814	-.376	.092	-.151	-1.009
105	523	-.361	.079	-.082	-.823	105	639	-.470	.235	-.323	-1.854	105	815	-.374	.095	-.129	-.969
105	524	-.349	.071	-.116	-.612	105	640	-1.090	.260	-.400	-2.163	105	816	-.383	.101	-.058	-.932
105	525	-.333	.059	-.163	-.544	105	701	-.075	.107	.324	-.409	105	817	-.389	.096	-.108	-1.011
105	526	-.309	.053	-.121	-.478	105	702	.195	.087	.503	-.043	105	818	-.402	.097	-.124	-.844
105	527	-.305	.052	-.121	-.466	105	703	.325	.094	.678	.074	105	819	-.414	.102	-.114	-.816
105	528	-.300	.051	-.108	-.437	105	704	.407	.101	.754	.124	105	820	-.452	.136	-.122	-1.065
105	529	-.282	.049	-.110	-.442	105	705	.481	.110	.863	.170	105	821	-.465	.143	-.069	-1.217
105	530	-.271	.048	-.108	-.445	105	706	.507	.105	.886	.237	105	822	-.404	.102	-.039	-.882
105	531	-.275	.050	-.121	-.452	105	707	.584	.125	.963	.225	105	823	-.364	.082	-.056	-.677
105	532	-.283	.050	-.129	-.455	105	708	.576	.137	1.052	.173	105	824	-.335	.071	-.082	-.582
105	533	-.278	.051	-.100	-.471	105	709	.508	.154	.966	.055	105	825	-.318	.062	-.095	-.566
105	534	-.281	.054	-.102	-.516	105	710	.135	.189	.779	-.527	105	826	-.302	.056	-.121	-.481
105	535	-.249	.042	-.119	-.411	105	711	-.411	.176	.189	-1.035	105	827	-.289	.050	-.079	-.497
105	536	-.216	.036	-.094	-.371	105	712	-.480	.125	-.209	-1.191	105	828	-.287	.054	-.108	-.489
105	537	-.181	.037	-.044	-.308	105	713	-.448	.113	-.182	-1.123	105	829	-.284	.059	-.067	-.553
105	538	-.176	.046	-.011	-.550	105	714	-.369	.097	-.149	-1.049	105	830	-.327	.069	-.137	-.607
105	539	-.235	.091	-.029	-.878	105	715	-.445	.123	-.161	-1.165	105	831	-.355	.081	-.143	-.715
105	540	-.480	.232	-.044	-1.226	105	716	-.462	.136	-.125	-1.397	105	832	-.336	.070	-.138	-.601
105	541	-1.016	.209	-.427	-1.943	105	717	-.476	.141	.007	-1.275	105	833	-.317	.065	-.130	-.545
105	542	-1.104	.239	-.506	-2.391	105	718	-.398	.115	.033	-.913	105	834	-.318	.072	-.090	-.607
105	601	-.288	.117	.124	-.664	105	719	-.488	.131	-.033	-1.014	105	835	-.275	.052	-.132	-.442
105	602	.132	.081	.465	-.118	105	720	-.533	.170	-.027	-1.234	105	836	-.200	.039	-.074	-.333
105	603	.320	.098	.656	.024	105	721	-.548	.188	-.069	-1.337	105	837	-.171	.040	-.042	-.328
105	604	.490	.112	.886	.136	105	722	-.398	.115	-.050	-.891	105	838	-.172	.043	-.042	-.365
105	605	.593	.124	1.009	.233	105	723	-.426	.097	-.103	-.832	105	839	-.202	.061	-.043	-.599
105	606	.573	.117	.925	.264	105	724	-.399	.082	-.106	-.791	105	840	-.278	.087	-.074	-.816
105	607	.615	.133	1.023	.149	105	725	-.372	.073	-.096	-.771	105	841	-.752	.207	-.257	-1.474
105	608	.541	.154	.990	-.062	105	726	-.289	.056	-.069	-.477	105	842	-.868	.217	-.235	-1.576
105	609	.181	.207	.790	-.585	105	727	-.328	.058	-.161	-.544	105	901	-.314	.102	.016	-.614
105	610	-.302	.145	.175	-.870	105	728	-.322	.060	-.112	-.530	105	902	.017	.072	.299	-.175
105	611	-.477	.130	-.192	-1.385	105	729	-.311	.063	-.057	-.515	105	903	.158	.071	.472	-.011
105	612	-.442	.117	-.184	-1.255	105	730	-.265	.056	-.045	-.422	105	904	.269	.075	.542	.084
105	613	-.439	.120	-.165	-1.399	105	731	-.300	.063	-.045	-.561	105	905	.314	.079	.562	.104
105	614	-.379	.108	-.134	-1.063	105	732	-.321	.084	-.043	-.968	105	906	.340	.081	.609	.137
105	615	-.448	.126	-.130	-1.210	105	733	-.321	.089	-.038	-.934	105	907	.381	.089	.680	.157
105	616	-.459	.129	-.050	-1.186	105	734	-.270	.081	-.024	-.843	105	908	.372	.094	.750	.151
105	617	-.458	.123	.134	-1.112	105	735	-.249	.046	-.119	-.508	105	909	.348	.105	.705	.088
105	618	-.407	.109	.043	-.886	105	736	-.209	.038	-.048	-.371	105	910	.266	.116	.622	-.080
105	619	-.520	.156	-.005	-1.167	105	737	-.186	.045	-.064	-.394	105	911	-.040	.178	.500	-.580
105	620	-.533	.172	-.041	-1.301	105	738	-.217	.076	-.032	-.648	105	912	-.385	.129	.162	-.921
105	621	-.460	.118	-.034	-.966	105	739	-.269	.088	-.039	-.667	105	913	-.424	.105	-.182	-.975
105	622	-.359	.083	-.060	-.726	105	740	-.411	.124	-.048	-.914	105	914	-.403	.095	-.172	-.924
105	623	-.395	.085	-.065	-.693	105	741	-.822	.234	-.116	-1.830	105	915	-.390	.091	-.161	-.977
105	624	-.375	.071	-.125	-.642	105	742	-.461	.280	-.050	-2.078	105	916	-.403	.103	-.145	-.934
105	625	-.347	.060	-.108	-.596	105	801	-.266	.111	.059	-.714	105	917	-.418	.114	-.140	-1.003
105	626	-.267	.051	-.041	-.486	105	802	-.011	.080	.328	-.301	105	918	-.416	.114	-.029	-.906
105	627	-.317	.052	-.125	-.506	105	803	.105	.072	.416	-.125	105	919	-.426	.117	-.021	-.913

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	920	-.421	.102	-.035	-.871	105	1034	-.333	.080	-.133	-.725	105	1206	.327	.079	.649	.143
105	921	-.463	.131	-.056	-.996	105	1035	-.205	.049	-.046	-.360	105	1207	.338	.080	.636	.167
105	922	-.467	.141	-.104	-1.061	105	1036	-.176	.042	-.033	-.372	105	1208	.315	.072	.642	.143
105	923	-.402	.104	-.106	-.866	105	1037	-.135	.043	-.018	-.355	105	1209	.377	.079	.729	.184
105	924	-.372	.096	-.064	-.767	105	1038	-.148	.066	-.023	-.630	105	1210	.374	.087	.708	.173
105	925	-.347	.084	-.058	-.802	105	1039	-.204	.109	-.003	-.763	105	1211	.285	.084	.649	.034
105	926	-.285	.071	-.043	-.559	105	1040	-.388	.167	-.039	-1.063	105	1212	.186	.087	.567	-.114
105	927	-.304	.064	-.058	-.530	105	1041	-.600	.134	-.236	-1.259	105	1213	-.286	.161	.189	-1.003
105	928	-.310	.067	-.049	-.630	105	1042	-.661	.150	-.265	-1.364	105	1214	-.474	.155	.003	-1.495
105	929	-.302	.067	-.102	-.658	105	1101	-.235	.094	.007	-.578	105	1215	-.437	.162	-.085	-1.370
105	930	-.310	.068	-.031	-.663	105	1102	.009	.060	.218	-.157	105	1216	-.417	.158	-.077	-1.357
105	931	-.311	.062	-.025	-.524	105	1103	.161	.057	.357	.011	105	1217	-.395	.139	-.106	-1.075
105	932	-.319	.062	-.129	-.517	105	1104	.285	.064	.535	.133	105	1218	-.403	.138	-.106	-1.089
105	933	-.313	.062	-.124	-.513	105	1105	.305	.059	.521	.123	105	1219	-.392	.119	-.111	-1.125
105	934	-.313	.062	-.124	-.511	105	1106	.318	.062	.537	.144	105	1220	-.380	.114	-.075	-1.229
105	935	-.303	.061	-.092	-.508	105	1107	.347	.069	.601	.165	105	1221	-.369	.111	.051	-1.459
105	936	-.318	.063	-.120	-.588	105	1108	.329	.076	.630	.144	105	1222	-.350	.104	-.091	-.961
105	937	-.246	.046	-.088	-.413	105	1109	.252	.082	.583	.036	105	1223	-.338	.109	-.085	-.870
105	938	-.194	.038	-.072	-.365	105	1110	.139	.098	.567	-.136	105	1224	-.348	.122	-.072	-.982
105	939	-.152	.038	-.023	-.293	105	1111	-.219	.172	.367	-.842	105	1225	-.352	.094	-.055	-.879
105	940	-.161	.049	-.018	-.460	105	1112	-.471	.140	-.084	-1.213	105	1226	-.361	.011	-.325	-.389
105	941	-.204	.093	-.041	-.757	105	1113	-.459	.136	-.157	-1.100	105	1227	-.304	.091	-.077	-.748
105	942	-.414	.191	-.049	-1.148	105	1114	-.453	.125	-.136	-1.015	105	1228	-.308	.086	.032	-.785
105	943	-.704	.158	-.326	-1.315	105	1115	-.426	.120	-.115	-1.051	105	1229	-.275	.056	-.098	-.527
105	944	-.791	.179	-.357	-1.495	105	1116	-.435	.125	-.113	-1.027	105	1230	-.288	.055	-.099	-.525
105	1001	-.272	.092	.156	-.612	105	1117	-.417	.133	-.111	-1.253	105	1231	-.266	.054	-.080	-.484
105	1002	.006	.065	.362	-.208	105	1118	-.420	.125	-.112	-1.264	105	1232	-.270	.063	-.074	-.489
105	1003	.144	.063	.411	-.016	105	1119	-.392	.108	-.032	-.940	105	1233	-.265	.067	-.054	-.484
105	1004	.245	.068	.585	.106	105	1120	-.373	.100	-.010	-.804	105	1234	-.265	.068	.070	-.474
105	1005	.310	.073	.683	.152	105	1121	-.375	.124	-.029	-1.562	105	1235	-.255	.066	-.048	-.447
105	1006	.340	.081	.702	.165	105	1122	-.386	.134	-.072	-1.751	105	1236	-.253	.067	-.067	-.450
105	1007	.351	.089	.752	.087	105	1123	-.340	.098	-.051	-.809	105	1237	-.251	.069	-.043	-.516
105	1008	.322	.102	.698	.054	105	1124	-.319	.091	-.048	-.793	105	1238	-.257	.071	-.045	-.513
105	1009	.246	.117	.696	-.157	105	1125	-.310	.088	-.059	-.735	105	1239	-.261	.072	-.051	-.525
105	1010	-.061	.189	.527	-.758	105	1126	-.288	.079	-.037	-.724	105	1241	-.168	.047	.010	-.330
105	1011	-.416	.152	.198	-1.032	105	1127	-.266	.065	-.022	-.590	105	1242	-.125	.041	.018	-.269
105	1012	-.472	.131	-.144	-1.233	105	1128	-.266	.068	-.064	-.607	105	1243	-.107	.044	.040	-.292
105	1013	-.429	.114	-.128	-1.027	105	1129	-.263	.066	-.058	-.471	105	1244	-.115	.058	.061	-.356
105	1014	-.425	.112	-.139	-1.084	105	1130	-.266	.068	-.042	-.487	105	1245	-.140	.065	.050	-.522
105	1015	-.413	.112	-.177	-1.128	105	1131	-.257	.065	-.035	-.487	105	1246	-.198	.075	.026	-.631
105	1016	-.437	.127	-.172	-1.567	105	1132	-.256	.067	-.042	-.492	105	1247	-.420	.121	-.074	-.985
105	1017	-.430	.124	-.097	-1.516	105	1133	-.257	.064	-.069	-.501	105	1248	-.578	.151	-.162	-1.165
105	1018	-.432	.122	-.029	-1.310	105	1134	-.261	.066	-.077	-.517	105	1301	-.469	.090	-.194	-.883
105	1019	-.421	.107	-.069	-.853	105	1135	-.265	.068	-.069	-.516	105	1302	-.635	.138	-.304	-1.406
105	1020	-.455	.136	-.124	-1.066	105	1136	-.292	.081	-.056	-.626	105	1303	-.411	.131	.084	-.972
105	1021	-.451	.147	-.124	-1.154	105	1137	-.174	.051	.005	-.418	105	1304	-.267	.076	0.000	-.592
105	1022	-.393	.107	-.065	-.889	105	1138	-.143	.043	.008	-.336	105	1305	-.457	.094	-.073	-1.052
105	1023	-.368	.094	-.064	-.725	105	1139	-.121	.042	.003	-.349	105	1306	-.403	.122	-.016	-.764
105	1024	-.350	.084	-.070	-.642	105	1140	-.121	.050	.037	-.418	105	1307	-.813	.211	-.068	-1.368
105	1025	-.319	.074	-.098	-.606	105	1141	-.144	.072	.019	-.530	105	1308	-.230	.040	-.073	-.379
105	1026	-.313	.066	-.029	-.537	105	1142	-.315	.143	.006	-.918	105	1309	-.183	.046	-.033	-.346
105	1027	-.304	.064	-.088	-.522	105	1143	-.527	.163	-.191	-1.144	105	1310	-.412	.089	-.154	-1.077
105	1028	-.314	.066	-.108	-.542	105	1144	-.579	.185	-.179	-1.288	105	1311	-.389	.077	-.117	-.766
105	1029	-.304	.062	-.138	-.524	105	1201	-.163	.077	.038	-.455	105	1312	-.410	.095	-.077	-.845
105	1030	-.306	.063	-.124	-.519	105	1202	.027	.060	.300	-.162	105	1313	-.422	.121	-.063	-1.035
105	1031	-.308	.068	-.115	-.586	105	1203	.038	.066	.319	-.165	0	0	0.000	0.000	0.000	0.000
105	1032	-.318	.069	-.116	-.585	105	1204	.098	.071	.367	-.119	0	0	0.000	0.000	0.000	0.000
105	1033	-.312	.070	-.124	-.585	105	1205	.332	.092	.705	.123						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	101	.065	.094	.398	-.291	120	221	-.358	.044	-.187	-.555	120	401	.034	.121	.481	-.331
120	102	.208	.095	.560	-.109	120	222	-.361	.048	-.210	-.540	120	402	.344	.105	.733	.003
120	103	.243	.096	.587	-.108	120	223	-.386	.048	-.229	-.549	120	403	.459	.112	.829	.131
120	104	.267	.090	.558	.002	120	224	-.359	.047	-.204	-.522	120	404	.558	.117	.917	.260
120	105	.281	.093	.590	-.024	120	225	-.313	.048	-.220	-.542	120	405	.549	.122	.897	.202
120	106	.324	.097	.686	.050	120	226	-.358	.054	-.162	-.554	120	406	.558	.125	.897	.201
120	107	.300	.104	.711	-.124	120	227	-.388	.056	-.169	-.607	120	407	.483	.128	.883	.071
120	108	-.016	.126	.368	-.440	120	228	-.368	.058	-.143	-.636	120	408	.359	.131	.784	-.025
120	109	-.439	.092	-.067	-.908	120	229	-.221	.039	-.071	-.351	120	409	-.202	.150	.298	-.749
120	110	-.436	.085	-.234	-.983	120	230	-.151	.037	-.018	-.278	120	410	-.401	.065	-.191	-.784
120	111	-.436	.080	-.254	-.941	120	231	-.108	.043	.045	-.242	120	411	-.353	.056	-.146	-.782
120	112	-.437	.078	-.262	-.899	120	232	-.049	.047	.118	-.194	120	412	-.345	.053	-.159	-.587
120	113	-.427	.065	-.129	-.748	120	233	-.045	.054	.136	-.194	120	413	-.367	.053	-.176	-.638
120	114	-.375	.056	-.187	-.588	120	234	-.043	.082	.212	-.540	120	414	-.339	.050	-.159	-.602
120	115	-.368	.057	-.140	-.609	120	235	-.477	.191	.111	-1.099	120	415	-.357	.050	-.162	-.565
120	116	-.371	.057	-.165	-.745	120	236	-.557	.218	.177	-1.347	120	416	-.357	.051	-.194	-.592
120	117	-.386	.060	-.177	-.711	120	301	.074	.120	.640	-.259	120	417	-.358	.051	-.217	-.586
120	118	-.388	.066	-.177	-.698	120	302	.365	.118	.736	.010	120	418	-.378	.052	-.239	-.589
120	119	-.390	.070	-.156	-.706	120	303	.443	.122	.839	.109	120	419	-.402	.060	-.238	-.705
120	120	-.374	.052	-.200	-.593	120	304	.516	.124	.926	.159	120	420	-.405	.062	-.253	-.699
120	121	-.373	.051	-.193	-.609	120	305	.528	.126	.893	.154	120	421	-.379	.049	-.215	-.613
120	122	-.365	.052	-.213	-.585	120	306	.512	.121	.847	.085	120	422	-.374	.044	-.253	-.546
120	123	-.350	.049	-.171	-.526	120	307	.355	.116	.708	-.053	120	423	-.375	.042	-.254	-.531
120	124	-.334	.050	-.168	-.494	120	308	.346	.118	.746	-.063	120	424	-.363	.045	-.200	-.500
120	125	-.327	.047	-.188	-.506	120	309	.295	.124	.684	-.139	120	425	-.341	.044	-.205	-.497
120	126	-.321	.046	-.163	-.487	120	310	-.062	.147	.383	-.728	120	426	-.333	.047	-.187	-.500
120	127	-.323	.046	-.178	-.508	120	311	-.424	.079	-.080	-.805	120	427	-.340	.048	-.202	-.517
120	128	-.318	.045	-.166	-.462	120	312	-.343	.053	-.177	-.724	120	428	-.345	.048	-.182	-.489
120	129	-.326	.045	-.156	-.499	120	313	-.354	.053	-.194	-.756	120	429	-.346	.050	-.203	-.510
120	130	-.337	.048	-.183	-.530	120	314	-.332	.053	-.148	-.612	120	430	-.345	.049	-.207	-.502
120	131	-.188	.036	-.062	-.292	120	315	-.361	.054	-.191	-.656	120	431	-.351	.047	-.184	-.513
120	132	-.152	.036	-.012	-.266	120	316	-.344	.051	-.192	-.570	120	432	-.345	.044	-.213	-.508
120	133	-.146	.040	.007	-.272	120	317	-.366	.049	-.222	-.573	120	433	-.334	.045	-.192	-.497
120	134	-.132	.041	.029	-.282	120	318	-.371	.049	-.217	-.560	120	434	-.335	.046	-.194	-.502
120	135	-.125	.044	.025	-.321	120	319	-.412	.048	-.257	-.600	120	435	-.344	.046	-.166	-.523
120	136	-.131	.052	.044	-.314	120	320	-.393	.052	-.237	-.638	120	436	-.348	.051	-.176	-.525
120	137	-.416	.138	-.097	-1.009	120	321	-.407	.054	-.237	-.655	120	437	-.403	.062	-.208	-.622
120	138	-.467	.157	.027	-1.136	120	322	-.392	.049	-.229	-.557	120	438	-.234	.037	-.102	-.381
120	201	.095	.111	.598	-.256	120	323	-.418	.047	-.267	-.608	120	439	-.156	.038	-.023	-.292
120	202	.348	.097	.652	-.012	120	324	-.368	.048	-.247	-.595	120	440	-.070	.045	.093	-.208
120	203	.438	.102	.738	.119	120	325	-.391	.048	-.230	-.623	120	441	-.022	.053	.154	-.174
120	204	.503	.107	.851	.153	120	326	-.365	.044	-.239	-.501	120	442	-.007	.062	.202	-.189
120	205	.497	.107	.842	.089	120	327	-.365	.045	-.252	-.522	120	443	-.033	.099	.233	-.530
120	206	.387	.124	.765	-.018	120	328	-.351	.046	-.191	-.497	120	444	-.405	.199	.248	-1.170
120	207	-.051	.158	.503	-.669	120	329	-.359	.047	-.206	-.507	120	445	-.419	.190	.225	-1.173
120	208	-.434	.121	-.072	-1.027	120	330	-.352	.046	-.197	-.510	120	446	-.487	.222	.238	-1.353
120	209	-.519	.114	-.222	-1.054	120	331	-.381	.047	-.222	-.540	120	447	-.276	.179	.303	-.896
120	210	-.411	.084	-.220	-1.047	120	332	-.352	.047	-.212	-.514	120	501	.069	.124	.435	-.305
120	211	-.386	.075	-.187	-1.042	120	333	-.361	.048	-.222	-.530	120	502	.336	.104	.673	.066
120	212	-.377	.057	-.208	-.788	120	334	-.362	.053	-.201	-.602	120	503	.452	.108	.815	.167
120	213	-.374	.048	-.192	-.583	120	335	-.247	.037	-.129	-.370	120	504	.486	.111	.828	.208
120	214	-.372	.048	-.225	-.558	120	336	-.156	.037	.003	-.278	120	505	.538	.110	.901	.258
120	215	-.388	.052	-.234	-.600	120	337	-.088	.047	.099	-.217	120	506	.570	.112	.923	.266
120	216	-.391	.060	-.249	-.718	120	338	-.043	.049	.128	-.206	120	507	.555	.116	.922	.217
120	217	-.388	.064	-.240	-.745	120	339	-.056	.057	.118	-.254	120	508	.451	.120	.815	.064
120	218	-.384	.067	-.185	-.819	120	340	-.036	.080	.167	-.451	120	509	.312	.130	.778	-.056
120	219	-.374	.050	-.190	-.619	120	341	-.468	.198	.096	-1.154	120	510	-.197	.148	.346	-.600
120	220	-.363	.044	-.198	-.561	120	342	-.598	.225	.169	-1.371	120	511	-.397	.075	-.192	-.735

*IND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	512	-.353	.060	-.149	-.654	120	628	-.457	.074	-.102	-.686	120	804	.377	.095	.732	.096
120	513	-.343	.057	-.171	-.727	120	629	-.465	.069	-.187	-.693	120	805	.432	.097	.776	.179
120	514	-.329	.057	-.159	-.627	120	630	-.384	.059	-.178	-.591	120	806	.449	.104	.815	.192
120	515	-.334	.054	-.161	-.640	120	631	-.453	.068	-.170	-.650	120	807	.419	.108	.791	.160
120	516	-.344	.051	-.202	-.650	120	632	-.457	.070	-.115	-.663	120	808	.333	.119	.756	.048
120	517	-.355	.050	-.203	-.613	120	633	-.346	.052	-.108	-.500	120	809	.206	.124	.652	-.174
120	518	-.358	.050	-.200	-.569	120	634	-.186	.041	.002	-.308	120	810	-.269	.142	.248	-.877
120	519	-.378	.054	-.203	-.615	120	635	-.134	.048	.088	-.301	120	811	-.404	.085	-.166	-.896
120	520	-.413	.070	-.231	-.937	120	636	-.098	.058	.123	-.331	120	812	-.359	.073	-.152	-.888
120	521	-.426	.071	-.233	-.702	120	637	-.076	.074	.163	-.378	120	813	-.354	.068	-.146	-.967
120	522	-.379	.052	-.217	-.546	120	638	-.066	.113	.212	-.738	120	814	-.352	.068	-.176	-1.063
120	523	-.359	.046	-.203	-.505	120	639	-.534	.236	.240	-1.337	120	815	-.350	.066	-.160	-1.202
120	524	-.353	.044	-.207	-.522	120	640	-.654	.262	.178	-1.497	120	816	-.360	.064	-.155	-.871
120	525	-.335	.045	-.182	-.484	120	701	.202	.127	.678	-.173	120	817	-.372	.061	-.197	-.773
120	526	-.315	.049	-.112	-.456	120	702	.356	.103	.779	.048	120	818	-.389	.061	-.224	-.759
120	527	-.316	.052	-.148	-.472	120	703	.488	.115	.964	.218	120	819	-.397	.063	-.192	-.751
120	528	-.337	.056	-.138	-.517	120	704	.535	.118	.994	.258	120	820	-.431	.086	-.218	-1.023
120	529	-.346	.060	-.151	-.535	120	705	.586	.123	1.066	.281	120	821	-.430	.097	-.231	-1.149
120	530	-.345	.059	-.159	-.523	120	706	.545	.110	.931	.258	120	822	-.384	.066	-.205	-.861
120	531	-.352	.057	-.180	-.536	120	707	.575	.142	1.029	.212	120	823	-.357	.056	-.171	-.717
120	532	-.361	.056	-.184	-.556	120	708	.476	.152	1.011	.053	120	824	-.354	.056	-.142	-.573
120	533	-.351	.055	-.154	-.527	120	709	.311	.160	.846	-.203	120	825	-.372	.059	-.099	-.608
120	534	-.343	.057	-.120	-.523	120	710	-.208	.151	.306	-.666	120	826	-.415	.060	-.102	-.655
120	535	-.255	.041	-.115	-.379	120	711	-.462	.100	-.165	-1.097	120	827	-.458	.052	-.274	-.704
120	536	-.172	.038	-.039	-.292	120	712	-.407	.091	-.177	-1.131	120	828	-.479	.053	-.325	-.733
120	537	-.082	.044	.107	-.215	120	713	-.394	.087	-.132	-1.039	120	829	-.526	.073	-.327	-.808
120	538	-.029	.052	.172	-.194	120	714	-.323	.069	-.117	-.891	120	830	-.563	.101	-.347	-.938
120	539	-.006	.062	.198	-.264	120	715	-.383	.071	-.180	-.834	120	831	-.571	.104	-.349	-.975
120	540	-.037	.104	.220	-.645	120	716	-.395	.066	-.200	-.766	120	832	-.532	.091	-.333	-.920
120	541	-.574	.256	.188	-1.584	120	717	-.400	.065	-.185	-.706	120	833	-.505	.083	-.325	-.885
120	542	-.690	.285	.195	-1.869	120	718	-.346	.057	-.168	-.605	120	834	-.517	.089	-.312	-.935
120	601	.069	.145	.513	-.426	120	719	-.432	.066	-.248	-.729	120	835	-.357	.050	-.174	-.607
120	602	.349	.100	.659	.105	120	720	-.472	.087	-.283	-.893	120	836	-.195	.040	-.035	-.351
120	603	.471	.113	1.009	.150	120	721	-.479	.097	-.263	-.959	120	837	-.110	.046	.074	-.279
120	604	.569	.120	1.134	.258	120	722	-.359	.060	-.173	-.633	120	838	-.057	.058	.125	-.338
120	605	.623	.131	1.091	.291	120	723	-.394	.062	-.165	-.684	120	839	-.033	.068	.189	-.363
120	606	.547	.122	.983	.231	120	724	-.384	.064	-.117	-.645	120	840	-.039	.081	.232	-.376
120	607	.520	.131	.906	.108	120	725	-.388	.073	-.155	-.595	120	841	-.314	.199	.174	-1.021
120	608	.338	.145	.796	-.083	120	726	-.361	.075	-.090	-.593	120	842	-.404	.209	.168	-1.116
120	609	-.228	.172	.351	-.898	120	727	-.466	.078	-.177	-.689	120	901	-.025	.127	.519	-.415
120	610	-.376	.074	-.090	-.764	120	728	-.500	.076	-.187	-.728	120	902	.212	.089	.554	-.034
120	611	-.403	.081	-.152	-.876	120	729	-.515	.070	-.182	-.751	120	903	.308	.086	.613	.077
120	612	-.401	.078	-.165	-.864	120	730	-.446	.057	-.188	-.641	120	904	.373	.084	.770	.160
120	613	-.392	.075	-.148	-.764	120	731	-.485	.062	-.245	-.674	120	905	.400	.088	.802	.182
120	614	-.332	.062	-.147	-.704	120	732	-.465	.060	-.233	-.628	120	906	.408	.090	.824	.197
120	615	-.399	.065	-.178	-.701	120	733	-.447	.065	-.160	-.628	120	907	.417	.098	.780	.184
120	616	-.411	.064	-.205	-.686	120	734	-.376	.058	-.115	-.540	120	908	.385	.111	.765	.152
120	617	-.423	.065	-.233	-.688	120	735	-.297	.038	-.141	-.427	120	909	.302	.119	.698	.014
120	618	-.384	.061	-.212	-.645	120	736	-.185	.038	-.058	-.331	120	910	.158	.121	.644	-.165
120	619	-.482	.083	-.256	-.888	120	737	-.079	.045	.107	-.235	120	911	-.286	.140	.240	-.828
120	620	-.496	.091	-.260	-.943	120	738	-.037	.058	.207	-.237	120	912	-.393	.088	-.168	-.996
120	621	-.439	.060	-.240	-.779	120	739	-.025	.075	.202	-.338	120	913	-.363	.077	-.150	-.852
120	622	-.342	.044	-.180	-.558	120	740	-.068	.120	.290	-.520	120	914	-.364	.076	-.136	-.856
120	623	-.392	.059	-.112	-.628	120	741	-.277	.210	.269	-1.068	120	915	-.353	.071	-.152	-.927
120	624	-.385	.060	-.148	-.613	120	742	-.347	.252	.285	-1.255	120	916	-.350	.066	-.152	-1.081
120	625	-.391	.068	-.158	-.633	120	801	.030	.119	.442	-.367	120	917	-.365	.064	-.194	-.759
120	626	-.360	.072	-.133	-.694	120	802	.211	.101	.631	-.054	120	918	-.368	.064	-.186	-.663
120	627	-.443	.076	-.105	-.674	120	803	.282	.096	.677	.022	120	919	-.379	.067	-.199	-.788

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	920	-.369	.072	-.173	-.852	120	1034	-.442	.058	-.272	-.682	120	1206	.386	.079	.662	.189
120	921	-.413	.092	-.173	-1.161	120	1035	-.245	.040	-.103	-.392	120	1207	.391	.084	.695	.211
120	922	-.409	.100	-.054	-1.358	120	1036	-.159	.039	.003	-.277	120	1208	.388	.085	.692	.203
120	923	-.375	.067	-.122	-.744	120	1037	-.085	.039	.097	-.197	120	1209	.414	.089	.823	.212
120	924	-.365	.062	-.157	-.636	120	1038	-.060	.043	.148	-.212	120	1210	.365	.089	.758	.166
120	925	-.390	.065	-.067	-.684	120	1039	-.041	.058	.200	-.341	120	1211	.235	.078	.573	.044
120	926	-.400	.063	-.061	-.659	120	1040	-.093	.119	.227	-.590	120	1212	.110	.073	.419	-.100
120	927	-.462	.056	-.280	-.668	120	1041	-.364	.169	.201	-.958	120	1213	-.428	.120	-.031	-1.020
120	928	-.495	.061	-.320	-.775	120	1042	-.406	.188	.221	-1.073	120	1214	-.408	.109	-.142	-1.092
120	929	-.490	.062	-.304	-.776	120	1101	-.054	.092	.426	-.363	120	1215	-.357	.087	-.117	-.939
120	930	-.484	.063	-.317	-.759	120	1102	.159	.064	.510	-.025	120	1216	-.339	.082	-.100	-.911
120	931	-.469	.057	-.315	-.682	120	1103	.267	.059	.500	.131	120	1217	-.335	.080	-.116	-.959
120	932	-.461	.055	-.307	-.642	120	1104	.351	.062	.612	.200	120	1218	-.347	.081	-.130	-1.276
120	933	-.459	.054	-.301	-.638	120	1105	.378	.076	.759	.212	120	1219	-.344	.070	-.111	-.776
120	934	-.455	.053	-.304	-.667	120	1106	.398	.080	.799	.220	120	1220	-.350	.071	-.108	-.692
120	935	-.452	.051	-.303	-.661	120	1107	.393	.086	.810	.207	120	1221	-.346	.072	-.142	-.878
120	936	-.458	.052	-.307	-.672	120	1108	.340	.086	.742	.151	120	1222	-.356	.075	-.183	-.756
120	937	-.311	.040	-.149	-.470	120	1109	.204	.074	.518	.018	120	1223	-.360	.082	-.141	-.833
120	938	-.198	.039	.005	-.358	120	1110	.061	.080	.409	-.191	120	1224	-.372	.092	-.122	-.968
120	939	-.105	.042	.065	-.238	120	1111	-.385	.110	.031	-.759	120	1225	-.383	.068	-.035	-.906
120	940	-.064	.047	.131	-.235	120	1112	-.397	.097	-.171	-.985	120	1226	-.287	.008	-.262	-.316
120	941	-.052	.055	.155	-.344	120	1113	-.376	.090	-.109	-.978	120	1227	-.372	.059	-.077	-.590
120	942	-.097	.105	.144	-.705	120	1114	-.367	.089	-.103	-.996	120	1228	-.433	.064	-.181	-.736
120	943	-.428	.185	.049	-1.091	120	1115	-.356	.082	-.106	-.810	120	1229	-.388	.057	-.053	-.576
120	944	-.473	.210	.066	-1.197	120	1116	-.365	.084	-.132	-.976	120	1230	-.416	.053	-.198	-.604
120	1001	-.049	.123	.378	-.398	120	1117	-.360	.085	-.125	-1.100	120	1231	-.400	.049	-.203	-.581
120	1002	.171	.087	.539	-.091	120	1118	-.372	.087	-.155	-1.059	120	1232	-.423	.057	-.222	-.636
120	1003	.259	.079	.578	.060	120	1119	-.367	.083	-.169	-1.045	120	1233	-.405	.051	-.226	-.589
120	1004	.342	.079	.661	.164	120	1120	-.369	.075	-.161	-.720	120	1234	-.402	.053	-.216	-.611
120	1005	.367	.080	.656	.171	120	1121	-.371	.077	-.116	-.873	120	1235	-.392	.053	-.216	-.603
120	1006	.365	.083	.685	.155	120	1122	-.383	.082	-.070	-.986	120	1236	-.391	.055	-.209	-.611
120	1007	.336	.094	.696	.101	120	1123	-.362	.065	-.062	-.665	120	1237	-.393	.058	-.245	-.606
120	1008	.254	.101	.656	-.054	120	1124	-.367	.061	-.105	-.595	120	1238	-.400	.060	-.234	-.614
120	1009	.115	.106	.516	-.200	120	1125	-.394	.058	-.059	-.592	120	1239	-.403	.060	-.248	-.656
120	1010	-.312	.137	.226	-.768	120	1126	-.420	.057	-.192	-.622	120	1240	-.403	.036	-.072	-.359
120	1011	-.390	.084	-.161	-.879	120	1127	-.419	.051	-.278	-.625	120	1241	-.425	.035	.039	-.228
120	1012	-.358	.076	-.126	-.787	120	1128	-.419	.051	-.280	-.631	120	1242	-.432	.040	.120	-.189
120	1013	-.348	.070	-.148	-.727	120	1129	-.405	.049	-.242	-.573	120	1243	-.403	.050	.164	-.191
120	1014	-.344	.065	-.144	-.699	120	1130	-.405	.051	-.205	-.579	120	1244	-.405	.051	.161	-.272
120	1015	-.364	.070	-.155	-.913	120	1131	-.392	.050	-.164	-.584	120	1245	-.405	.072	.180	-.359
120	1016	-.375	.072	-.157	-.762	120	1132	-.392	.051	-.153	-.586	120	1246	-.405	.120	.083	-.800
120	1017	-.380	.076	-.171	-.828	120	1133	-.396	.055	-.248	-.586	120	1247	-.405	.152	.009	-1.276
120	1018	-.392	.080	-.181	-.792	120	1134	-.402	.056	-.248	-.600	120	1248	-.405	.133	-.185	-.993
120	1019	-.386	.072	-.157	-.704	120	1135	-.402	.058	-.245	-.626	120	1301	-.464	.073	-.271	-.792
120	1020	-.395	.086	-.143	-1.041	120	1136	-.429	.071	-.248	-.761	120	1302	-.510	.096	-.158	-.975
120	1021	-.394	.092	-.138	-1.246	120	1137	-.219	.042	-.092	-.375	120	1303	-.292	.059	-.024	-.570
120	1022	-.381	.073	-.068	-.710	120	1138	-.149	.037	-.022	-.297	120	1304	-.414	.078	-.158	-.790
120	1023	-.385	.066	-.118	-.615	120	1139	-.083	.038	.048	-.309	120	1305	-.153	.103	.198	-.548
120	1024	-.417	.064	-.178	-.672	120	1140	-.054	.044	.105	-.326	120	1306	-.338	.210	.351	-.888
120	1025	-.446	.059	-.238	-.739	120	1141	-.037	.050	.119	-.226	120	1307	-.252	.036	-.101	-.375
120	1026	-.469	.057	-.266	-.692	120	1142	-.113	.107	.098	-.539	120	1308	-.226	.045	-.064	-.405
120	1027	-.464	.059	-.317	-.752	120	1143	-.321	.121	-.012	-.858	120	1309	-.378	.070	-.133	-.995
120	1028	-.451	.057	-.301	-.727	120	1144	-.359	.134	-.019	-.975	120	1310	-.349	.059	-.138	-.592
120	1029	-.437	.055	-.286	-.729	120	1201	-.008	.080	.258	-.275	120	1311	-.383	.056	-.193	-.625
120	1030	-.438	.054	-.286	-.721	120	1202	.175	.072	.465	-.025	120	1312	-.378	.064	-.187	-.706
120	1031	-.431	.053	-.278	-.701	120	1203	.191	.074	.480	-.030	0	0	0.000	0.000	0.000	0.000
120	1032	-.431	.053	-.267	-.627	120	1204	.239	.071	.515	.017	0	0	0.000	0.000	0.000	0.000
120	1033	-.429	.054	-.267	-.630	120	1205	.388	.087	.690	.176						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	101	.249	.104	.663	-.074	135	221	-.312	.041	-.166	-.475	135	401	.302	.132	.693	-.080
135	102	.316	.103	.707	-.050	135	222	-.302	.045	-.139	-.460	135	402	.511	.122	.864	.188
135	103	.316	.102	.647	-.050	135	223	-.332	.045	-.180	-.487	135	403	.571	.122	.905	.236
135	104	.315	.101	.629	-.028	135	224	-.299	.045	-.156	-.453	135	404	.606	.120	.910	.263
135	105	.301	.100	.653	-.010	135	225	-.315	.046	-.165	-.468	135	405	.544	.115	.885	.213
135	106	.296	.097	.640	-.010	135	226	-.303	.047	-.117	-.464	135	406	.511	.112	.869	.162
135	107	.200	.094	.544	-.189	135	227	-.335	.048	-.142	-.485	135	407	.376	.107	.734	.043
135	108	-.234	.102	.210	-.629	135	228	-.305	.049	-.119	-.462	135	408	.203	.109	.565	-.139
135	109	-.410	.073	-.192	-.894	135	229	-.129	.041	.041	-.267	135	409	-.387	.096	-.005	-.782
135	110	-.364	.064	-.195	-.621	135	230	-.041	.048	.139	-.212	135	410	-.325	.057	-.171	-.699
135	111	-.367	.062	-.211	-.788	135	231	.022	.064	.268	-.153	135	411	-.327	.054	-.151	-.610
135	112	-.361	.058	-.193	-.730	135	232	.102	.072	.350	-.092	135	412	-.318	.049	-.144	-.556
135	113	-.355	.051	-.202	-.613	135	233	.126	.082	.372	-.119	135	413	-.345	.047	-.187	-.599
135	114	-.337	.046	-.190	-.572	135	234	.181	.090	.430	-.217	135	414	-.314	.044	-.165	-.555
135	115	-.346	.047	-.203	-.546	135	235	-.032	.181	.457	-.768	135	415	-.331	.041	-.196	-.539
135	116	-.363	.050	-.182	-.577	135	236	-.062	.205	.555	-.818	135	416	-.343	.040	-.225	-.497
135	117	-.373	.055	-.185	-.629	135	301	.347	.131	.772	-.110	135	417	-.342	.038	-.220	-.473
135	118	-.375	.062	-.180	-.634	135	302	.523	.116	.900	.197	135	418	-.364	.040	-.254	-.512
135	119	-.377	.068	-.187	-.673	135	303	.544	.118	.948	.194	135	419	-.387	.047	-.262	-.589
135	120	-.347	.055	-.163	-.543	135	304	.587	.118	.962	.268	135	420	-.395	.054	-.228	-.642
135	121	-.345	.055	-.172	-.528	135	305	.570	.118	.946	.254	135	421	-.359	.043	-.211	-.521
135	122	-.329	.053	-.140	-.514	135	306	.486	.116	.848	.153	135	422	-.352	.040	-.228	-.500
135	123	-.312	.052	-.127	-.499	135	307	.310	.112	.654	-.020	135	423	-.342	.039	-.209	-.510
135	124	-.298	.048	-.122	-.512	135	308	.265	.110	.631	-.060	135	424	-.332	.042	-.184	-.461
135	125	-.296	.045	-.156	-.486	135	309	.158	.107	.480	-.142	135	425	-.312	.044	-.112	-.473
135	126	-.290	.044	-.148	-.470	135	310	-.296	.104	.137	-.645	135	426	-.312	.046	-.117	-.488
135	127	-.292	.046	-.141	-.458	135	311	-.375	.056	-.210	-.690	135	427	-.313	.046	-.185	-.483
135	128	-.293	.046	-.140	-.452	135	312	-.324	.050	-.167	-.644	135	428	-.312	.045	-.128	-.463
135	129	-.303	.047	-.137	-.483	135	313	-.331	.049	-.183	-.612	135	429	-.312	.047	-.129	-.473
135	130	-.306	.048	-.143	-.492	135	314	-.305	.047	-.155	-.517	135	430	-.315	.047	-.123	-.476
135	131	-.111	.044	.037	-.273	135	315	-.338	.047	-.201	-.526	135	431	-.314	.046	-.146	-.470
135	132	-.054	.045	.141	-.216	135	316	-.314	.043	-.190	-.462	135	432	-.315	.045	-.158	-.459
135	133	-.028	.054	.193	-.211	135	317	-.335	.041	-.215	-.473	135	433	-.304	.045	-.138	-.446
135	134	-.002	.057	.203	-.202	135	318	-.338	.040	-.167	-.485	135	434	-.309	.045	-.148	-.454
135	135	.020	.062	.215	-.215	135	319	-.363	.043	-.231	-.516	135	435	-.311	.045	-.153	-.458
135	136	.045	.061	.241	-.174	135	320	-.362	.047	-.201	-.528	135	436	-.317	.048	-.165	-.449
135	137	-.075	.113	.283	-.544	135	321	-.377	.050	-.212	-.555	135	437	-.372	.057	-.192	-.528
135	138	-.082	.136	.294	-.587	135	322	-.347	.044	-.201	-.496	135	438	-.187	.036	-.066	-.323
135	201	.351	.112	.761	.015	135	323	-.374	.045	-.228	-.532	135	439	-.084	.042	.097	-.230
135	202	.463	.112	.857	.093	135	324	-.337	.046	-.167	-.494	135	440	.023	.060	.260	-.153
135	203	.524	.114	.920	.120	135	325	-.337	.045	-.155	-.484	135	441	.087	.070	.361	-.109
135	204	.528	.112	.870	.180	135	326	-.315	.043	-.178	-.476	135	442	.118	.080	.442	-.116
135	205	.476	.108	.801	.112	135	327	-.342	.043	-.169	-.480	135	443	.143	.097	.528	-.184
135	206	.289	.106	.657	-.047	135	328	-.306	.043	-.105	-.452	135	444	-.080	.184	.374	-.745
135	207	-.230	.133	.329	-.827	135	329	-.316	.044	-.089	-.475	135	445	-.107	.172	.349	-.754
135	208	-.428	.085	-.164	-.983	135	330	-.296	.045	-.162	-.452	135	446	-.140	.204	.422	-.859
135	209	-.419	.073	-.213	-.886	135	331	-.330	.046	-.190	-.489	135	447	.039	.169	.514	-.514
135	210	-.354	.056	-.141	-.816	135	332	-.297	.045	-.164	-.460	135	501	.296	.135	.703	-.046
135	211	-.345	.051	-.180	-.681	135	333	-.308	.046	-.176	-.475	135	502	.474	.128	.912	.094
135	212	-.340	.045	-.200	-.544	135	334	-.309	.046	-.172	-.468	135	503	.539	.129	.960	.194
135	213	-.338	.042	-.202	-.466	135	335	-.165	.038	-.132	-.288	135	504	.546	.128	.924	.216
135	214	-.346	.045	-.159	-.525	135	336	-.045	.046	.123	-.204	135	505	.551	.110	.897	.247
135	215	-.361	.049	-.159	-.549	135	337	.048	.061	.265	-.187	135	506	.537	.109	.893	.174
135	216	-.358	.052	-.148	-.603	135	338	.114	.067	.359	-.096	135	507	.472	.110	.905	.117
135	217	-.355	.054	-.156	-.590	135	339	.119	.077	.379	-.098	135	508	.324	.106	.756	.010
135	218	-.347	.057	-.156	-.622	135	340	.186	.090	.478	-.103	135	509	.159	.099	.539	-.174
135	219	-.334	.044	-.164	-.491	135	341	-.022	.184	.491	-.800	135	510	-.373	.090	-.027	-.679
135	220	-.321	.041	-.159	-.466	135	342	-.105	.194	.468	-.740	135	511	-.343	.058	-.180	-.752

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	512	-.336	.053	-.179	-.573	135	628	-.390	.063	-.146	-.593	135	804	.437	.098	.812	.152
135	513	-.324	.049	-.182	-.573	135	629	-.397	.062	-.186	-.597	135	805	.465	.096	.793	.243
135	514	-.310	.047	-.168	-.505	135	630	-.305	.055	-.045	-.500	135	806	.452	.099	.828	.196
135	515	-.319	.045	-.182	-.473	135	631	-.388	.069	-.139	-.639	135	807	.387	.099	.735	.137
135	516	-.327	.041	-.187	-.473	135	632	-.392	.070	-.122	-.654	135	808	.255	.098	.629	.005
135	517	-.337	.040	-.218	-.476	135	633	-.269	.052	-.069	-.452	135	809	.074	.089	.381	-.278
135	518	-.335	.039	-.211	-.458	135	634	-.104	.046	.042	-.261	135	810	-.393	.073	-.076	-.658
135	519	-.357	.041	-.230	-.505	135	635	-.028	.066	.245	-.186	135	811	-.348	.058	-.167	-.758
135	520	-.382	.053	-.233	-.599	135	636	.027	.079	.344	-.167	135	812	-.344	.054	-.184	-.777
135	521	-.340	.057	-.223	-.679	135	637	.083	.096	.458	-.191	135	813	-.334	.051	-.156	-.639
135	522	-.341	.045	-.165	-.495	135	638	.127	.105	.501	-.243	135	814	-.334	.048	-.162	-.545
135	523	-.329	.043	-.194	-.499	135	639	-.127	.218	.506	-1.064	135	815	-.331	.046	-.172	-.466
135	524	-.317	.042	-.175	-.461	135	640	-.210	.245	.543	-1.269	135	816	-.340	.042	-.203	-.487
135	525	-.304	.044	-.134	-.453	135	701	.388	.142	.995	-.006	135	817	-.343	.039	-.231	-.538
135	526	-.290	.049	-.111	-.516	135	702	.464	.114	.876	.139	135	818	-.355	.039	-.244	-.515
135	527	-.301	.053	-.088	-.528	135	703	.559	.124	1.011	.175	135	819	-.357	.040	-.246	-.501
135	528	-.308	.054	-.094	-.522	135	704	.579	.123	1.008	.226	135	820	-.376	.050	-.246	-.612
135	529	-.310	.055	-.094	-.493	135	705	.610	.124	1.028	.274	135	821	-.377	.057	-.214	-.641
135	530	-.306	.055	-.111	-.524	135	706	.536	.108	.918	.259	135	822	-.356	.049	-.200	-.535
135	531	-.318	.055	-.128	-.536	135	707	.519	.125	.899	.181	135	823	-.341	.050	-.150	-.513
135	532	-.319	.055	-.134	-.521	135	708	.358	.122	.770	.014	135	824	-.343	.054	-.108	-.531
135	533	-.313	.054	-.106	-.502	135	709	.138	.116	.519	-.231	135	825	-.351	.058	-.131	-.513
135	534	-.303	.056	-.083	-.492	135	710	-.341	.083	0.000	-.697	135	826	-.377	.059	-.094	-.576
135	535	-.212	.040	-.065	-.337	135	711	-.406	.073	-.205	-1.033	135	827	-.392	.057	-.159	-.626
135	536	-.112	.044	.051	-.240	135	712	-.398	.066	-.207	-.943	135	828	-.410	.058	-.161	-.615
135	537	-.009	.055	.191	-.155	135	713	-.384	.064	-.199	-.919	135	829	-.445	.064	-.259	-.748
135	538	.057	.066	.299	-.114	135	714	-.293	.049	-.151	-.597	135	830	-.510	.087	-.285	-.859
135	539	.093	.079	.356	-.109	135	715	-.380	.058	-.189	-.932	135	831	-.524	.087	-.317	-.852
135	540	.115	.098	.420	-.254	135	716	-.390	.051	-.203	-.647	135	832	-.481	.077	-.292	-.761
135	541	-.154	.221	.533	-.940	135	717	-.389	.048	-.223	-.562	135	833	-.438	.070	-.241	-.767
135	542	-.234	.244	.583	-1.107	135	718	-.307	.041	-.162	-.465	135	834	-.440	.079	-.203	-.811
135	601	.302	.149	.786	-.133	135	719	-.413	.051	-.263	-.617	135	835	-.317	.051	-.155	-.550
135	602	.469	.115	.873	.157	135	720	-.444	.065	-.276	-.758	135	836	-.175	.049	-.008	-.381
135	603	.592	.121	.995	.208	135	721	-.448	.074	-.213	-.804	135	837	-.096	.056	.093	-.330
135	604	.632	.121	1.046	.288	135	722	-.317	.050	-.133	-.505	135	838	-.046	.065	.149	-.357
135	605	.632	.125	1.025	.290	135	723	-.382	.058	-.098	-.593	135	839	-.013	.076	.225	-.396
135	606	.507	.108	.831	.200	135	724	-.380	.060	-.151	-.615	135	840	-0.000	.084	.257	-.372
135	607	.400	.129	.884	.029	135	725	-.380	.064	-.157	-.596	135	841	-.216	.162	.217	-.928
135	608	.166	.130	.610	-.311	135	726	-.316	.059	-.109	-.505	135	842	-.235	.176	.223	-.911
135	609	-.405	.109	.026	-.985	135	727	-.413	.062	-.136	-.629	135	901	.066	.124	.521	-.296
135	610	-.321	.062	-.167	-.959	135	728	-.432	.063	-.159	-.650	135	902	.275	.100	.627	-.024
135	611	-.383	.064	-.195	-1.043	135	729	-.441	.062	-.171	-.652	135	903	.358	.094	.736	.090
135	612	-.379	.061	-.186	-1.035	135	730	-.356	.053	-.127	-.549	135	904	.408	.079	.733	.176
135	613	-.376	.056	-.215	-.766	135	731	-.422	.059	-.205	-.620	135	905	.424	.079	.752	.194
135	614	-.310	.045	-.179	-.535	135	732	-.406	.059	-.199	-.599	135	906	.419	.079	.759	.197
135	615	-.377	.049	-.171	-.594	135	733	-.387	.063	-.170	-.569	135	907	.399	.083	.774	.208
135	616	-.388	.047	-.218	-.591	135	734	-.314	.057	-.103	-.482	135	908	.342	.086	.661	.117
135	617	-.398	.047	-.259	-.578	135	735	-.237	.042	-.093	-.415	135	909	.213	.092	.603	-.061
135	618	-.344	.045	-.213	-.530	135	736	-.133	.044	.015	-.316	135	910	.039	.090	.530	-.226
135	619	-.431	.062	-.232	-.681	135	737	-.028	.055	.167	-.244	135	911	-.396	.079	-.094	-.738
135	620	-.442	.068	-.229	-.758	135	738	.021	.069	.264	-.272	135	912	-.363	.063	-.131	-.741
135	621	-.402	.052	-.181	-.569	135	739	.064	.088	.354	-.337	135	913	-.348	.055	-.179	-.638
135	622	-.302	.045	-.122	-.440	135	740	.054	.127	.463	-.521	135	914	-.347	.053	-.188	-.638
135	623	-.364	.055	-.175	-.551	135	741	-.066	.192	.427	-1.156	135	915	-.338	.049	-.176	-.568
135	624	-.362	.058	-.165	-.535	135	742	-.097	.231	.554	-1.345	135	916	-.341	.047	-.188	-.697
135	625	-.364	.062	-.163	-.572	135	801	.138	.122	.580	-.231	135	917	-.352	.045	-.197	-.500
135	626	-.245	.060	-.093	-.509	135	802	.297	.111	.771	-.012	135	918	-.350	.043	-.216	-.484
135	627	-.380	.065	-.107	-.597	135	803	.366	.102	.720	.076	135	919	-.356	.043	-.228	-.495

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	920	-.358	.045	-.184	-.528	135	1034	-.391	.051	-.259	-.611	135	1206	.438	.067	.723	.259
135	921	-.373	.051	-.190	-.544	135	1035	-.212	.042	-.059	-.375	135	1207	.437	.073	.746	.271
135	922	-.370	.054	-.170	-.633	135	1036	-.135	.045	.053	-.291	135	1208	.436	.080	.763	.274
135	923	-.361	.050	-.159	-.506	135	1037	-.051	.048	.154	-.212	135	1209	.411	.083	.734	.223
135	924	-.359	.050	-.140	-.447	135	1038	-.028	.052	.198	-.193	135	1210	.338	.079	.677	.165
135	925	-.374	.051	-.155	-.531	135	1039	-.017	.061	.248	-.302	135	1211	.190	.067	.505	.033
135	926	-.377	.049	-.140	-.552	135	1040	-.032	.090	.263	-.720	135	1212	.056	.060	.309	-.125
135	927	-.400	.042	-.234	-.540	135	1041	-.287	.164	.238	-.946	135	1213	-.500	.101	-.155	-.967
135	928	-.423	.048	-.224	-.656	135	1042	-.317	.181	.323	-1.039	135	1214	-.397	.082	-.144	-.824
135	929	-.418	.047	-.288	-.673	135	1101	.035	.099	.488	-.240	135	1215	-.345	.063	-.111	-.705
135	930	-.419	.048	-.288	-.690	135	1102	.241	.072	.594	.042	135	1216	-.334	.061	-.118	-.726
135	931	-.412	.046	-.263	-.564	135	1103	.341	.065	.606	.160	135	1217	-.327	.056	-.140	-.716
135	932	-.406	.046	-.240	-.566	135	1104	.406	.068	.676	.240	135	1218	-.330	.054	-.163	-.760
135	933	-.403	.045	-.243	-.580	135	1105	.411	.070	.762	.203	135	1219	-.327	.048	-.174	-.536
135	934	-.398	.045	-.249	-.558	135	1106	.422	.073	.796	.213	135	1220	-.334	.047	-.174	-.469
135	935	-.388	.043	-.249	-.550	135	1107	.393	.077	.742	.203	135	1221	-.338	.044	-.154	-.611
135	936	-.394	.045	-.243	-.574	135	1108	.312	.075	.626	.139	135	1222	-.345	.044	-.143	-.563
135	937	-.268	.035	-.092	-.432	135	1109	.151	.063	.411	-.019	135	1223	-.347	.041	-.166	-.528
135	938	-.170	.039	.067	-.304	135	1110	-.004	.062	.240	-.192	135	1224	-.364	.044	-.180	-.535
135	939	-.088	.046	.090	-.215	135	1111	-.438	.069	-.217	-.712	135	1225	-.370	.039	-.169	-.495
135	940	-.046	.052	.160	-.210	135	1112	-.362	.060	-.140	-.698	135	1226	-.433	.006	-.411	-.453
135	941	-.024	.058	.195	-.198	135	1113	-.358	.059	-.154	-.661	135	1227	-.369	.040	-.234	-.541
135	942	-.039	.081	.227	-.385	135	1114	-.349	.058	-.157	-.573	135	1228	-.364	.038	-.226	-.531
135	943	-.309	.158	.168	-.908	135	1115	-.338	.054	-.159	-.564	135	1229	-.392	.040	-.274	-.553
135	944	-.337	.175	.241	-.968	135	1116	-.340	.052	-.164	-.562	135	1230	-.384	.040	-.235	-.525
135	1001	.049	.115	.581	-.298	135	1117	-.334	.049	-.188	-.558	135	1231	-.368	.039	-.232	-.502
135	1002	.243	.088	.623	-.028	135	1118	-.340	.047	-.193	-.566	135	1232	-.370	.043	-.254	-.538
135	1003	.328	.084	.696	.108	135	1119	-.338	.044	-.212	-.541	135	1233	-.371	.040	-.243	-.536
135	1004	.393	.081	.760	.203	135	1120	-.349	.044	-.216	-.571	135	1234	-.371	.042	-.229	-.525
135	1005	.399	.079	.749	.203	135	1121	-.352	.044	-.172	-.582	135	1235	-.359	.043	-.207	-.505
135	1006	.374	.082	.718	.181	135	1122	-.365	.044	-.180	-.500	135	1236	-.363	.045	-.208	-.533
135	1007	.297	.082	.622	.103	135	1123	-.355	.042	-.165	-.477	135	1237	-.359	.048	-.205	-.556
135	1008	.171	.082	.553	-.069	135	1124	-.360	.040	-.185	-.491	135	1238	-.366	.049	-.208	-.558
135	1009	.007	.076	.411	-.237	135	1125	-.368	.042	-.241	-.509	135	1239	-.364	.050	-.199	-.560
135	1010	-.427	.077	-.081	-.604	135	1126	-.380	.043	-.240	-.517	135	1240	-.185	.034	-.056	-.304
135	1011	-.371	.058	-.189	-.777	135	1127	-.374	.043	-.249	-.735	135	1241	-.087	.041	.113	-.197
135	1012	-.363	.054	-.199	-.707	135	1128	-.376	.045	-.248	-.527	135	1242	-.021	.048	.226	-.155
135	1013	-.350	.050	-.204	-.690	135	1129	-.370	.040	-.232	-.509	135	1243	.013	.057	.284	-.143
135	1014	-.348	.048	-.215	-.603	135	1130	-.370	.044	-.196	-.585	135	1244	.038	.061	.306	-.118
135	1015	-.351	.052	-.142	-.530	135	1131	-.360	.045	-.215	-.536	135	1245	.028	.082	.339	-.205
135	1016	-.359	.052	-.165	-.531	135	1132	-.366	.046	-.210	-.505	135	1246	.127	.127	.284	-.563
135	1017	-.358	.051	-.181	-.536	135	1133	-.367	.046	-.227	-.530	135	1247	.219	.149	.249	-.812
135	1018	-.366	.052	-.199	-.553	135	1134	-.370	.047	-.223	-.519	135	1301	.415	.126	-.172	-.939
135	1019	-.377	.047	-.221	-.586	135	1135	-.368	.047	-.226	-.525	135	1302	.444	.091	-.198	-.860
135	1020	-.387	.050	-.206	-.578	135	1136	-.395	.057	-.235	-.696	135	1303	.380	.096	-.059	-.904
135	1021	-.386	.050	-.165	-.584	135	1137	-.167	.035	-.025	-.295	135	1304	.280	.062	-.031	-.512
135	1022	-.383	.049	-.132	-.545	135	1138	-.095	.036	.096	-.213	135	1305	.383	.079	-.111	-.819
135	1023	-.381	.049	-.092	-.517	135	1139	-.028	.040	.205	-.141	135	1306	.015	.111	.379	-.336
135	1024	-.394	.045	-.154	-.541	135	1140	.007	.044	.205	-.124	135	1307	-.010	.229	.600	-.699
135	1025	-.399	.042	-.259	-.562	135	1141	.024	.050	.245	-.398	135	1308	-.184	.034	-.052	-.296
135	1026	-.406	.043	-.288	-.584	135	1142	.006	.079	.277	-.751	135	1309	-.162	.047	.068	-.369
135	1027	-.406	.048	-.274	-.615	135	1143	-.198	.112	.246	-.859	135	1310	-.351	.052	-.195	-.645
135	1028	-.398	.046	-.268	-.595	135	1144	-.234	.124	.282	-.136	135	1311	-.319	.051	-.150	-.533
135	1029	-.383	.043	-.240	-.536	135	1201	.115	.081	.509	.074	135	1312	-.361	.049	-.226	-.596
135	1030	-.382	.043	-.237	-.534	135	1202	.278	.072	.599	.097	135	1313	-.357	.060	-.174	-.726
135	1031	-.384	.045	-.252	-.566	135	1203	.297	.070	.594	.132	0	0	0.000	0.000	0.000	0.000
135	1032	-.385	.047	-.251	-.567	135	1204	.332	.068	.665	.248	0	0	0.000	0.000	0.000	0.000
135	1033	-.382	.047	-.257	-.562	135	1205	.435	.069	.730							

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	101	.430	.110	.760	-.036	150	221	-.316	.051	-.144	-.496	150	401	.507	.117	.909	.202
150	102	.421	.103	.686	.010	150	222	-.323	.057	-.132	-.483	150	402	.618	.113	.938	.334
150	103	.382	.098	.652	.050	150	223	-.351	.057	-.127	-.536	150	403	.623	.112	.932	.297
150	104	.338	.090	.652	.037	150	224	-.319	.058	-.107	-.554	150	404	.603	.105	.949	.280
150	105	.302	.089	.618	.015	150	225	-.330	.060	-.131	-.632	150	405	.499	.101	.846	.222
150	106	.259	.085	.568	-.044	150	226	-.310	.055	-.142	-.507	150	406	.433	.097	.748	.173
150	107	.104	.079	.404	-.189	150	227	-.339	.056	-.166	-.543	150	407	.270	.089	.602	.017
150	108	-.366	.075	-.094	-.686	150	228	-.312	.057	-.139	-.543	150	408	.092	.075	.387	-.197
150	109	-.343	.061	-.158	-.683	150	229	-.047	.049	.144	-.242	150	409	-.400	.068	-.180	-.739
150	110	-.338	.055	-.168	-.630	150	230	.094	.060	.337	-.148	150	410	-.288	.055	-.107	-.531
150	111	-.336	.054	-.170	-.623	150	231	.188	.073	.459	-.114	150	411	-.299	.053	-.114	-.520
150	112	-.328	.051	-.165	-.583	150	232	.282	.079	.553	-.003	150	412	-.290	.052	-.098	-.459
150	113	-.324	.047	-.186	-.502	150	233	.324	.087	.592	.022	150	413	-.317	.049	-.141	-.507
150	114	-.314	.046	-.163	-.488	150	234	.394	.098	.670	.122	150	414	-.285	.047	-.115	-.466
150	115	-.316	.047	-.157	-.484	150	235	.339	.136	.700	-.319	150	415	-.303	.044	-.139	-.454
150	116	-.310	.052	-.113	-.546	150	236	.363	.160	.809	-.426	150	416	-.301	.044	-.157	-.475
150	117	-.315	.057	-.108	-.541	150	301	.555	.126	.914	.192	150	417	-.304	.043	-.157	-.466
150	118	-.314	.061	-.113	-.586	150	302	.632	.112	.965	.302	150	418	-.315	.044	-.157	-.483
150	119	-.318	.064	-.105	-.638	150	303	.605	.109	.912	.275	150	419	-.297	.057	-.087	-.596
150	120	-.311	.056	-.113	-.563	150	304	.614	.107	.916	.258	150	420	-.333	.057	-.155	-.579
150	121	-.312	.056	-.107	-.534	150	305	.567	.106	.860	.193	150	421	-.313	.052	-.121	-.568
150	122	-.307	.055	-.097	-.509	150	306	.424	.101	.739	.144	150	422	-.316	.049	-.150	-.488
150	123	-.311	.055	-.115	-.741	150	307	.242	.095	.553	-.080	150	423	-.322	.048	-.131	-.505
150	124	-.304	.055	-.077	-.559	150	308	.180	.090	.483	-.100	150	424	-.330	.048	-.174	-.507
150	125	-.304	.054	-.048	-.576	150	309	.054	.083	.342	-.224	150	425	-.324	.051	-.158	-.514
150	126	-.302	.054	-.042	-.578	150	310	-.362	.066	-.151	-.619	150	426	-.333	.053	-.136	-.487
150	127	-.309	.058	-.048	-.573	150	311	-.332	.055	-.163	-.576	150	427	-.335	.053	-.136	-.504
150	128	-.312	.059	-.136	-.628	150	312	-.295	.051	-.110	-.500	150	428	-.327	.051	-.167	-.541
150	129	-.320	.061	-.128	-.799	150	313	-.303	.049	-.122	-.488	150	429	-.325	.054	-.155	-.568
150	130	-.330	.065	-.145	-.802	150	314	-.284	.047	-.142	-.519	150	430	-.329	.053	-.168	-.567
150	131	-.009	.062	.771	-.252	150	315	-.318	.045	-.186	-.512	150	431	-.329	.052	-.168	-.562
150	132	.080	.071	.352	-.174	150	316	-.294	.043	-.168	-.504	150	432	-.331	.053	-.141	-.580
150	133	.123	.079	.397	-.199	150	317	-.313	.043	-.171	-.490	150	433	-.320	.054	-.116	-.543
150	134	.167	.080	.449	-.139	150	318	-.308	.046	-.117	-.480	150	434	-.325	.054	-.114	-.545
150	135	.220	.084	.515	-.089	150	319	-.344	.048	-.190	-.597	150	435	-.328	.054	-.126	-.553
150	136	.281	.088	.554	-.113	150	320	-.318	.053	-.163	-.531	150	436	-.332	.056	-.160	-.582
150	137	.256	.118	.580	-.242	150	321	-.334	.056	-.124	-.546	150	437	-.393	.063	-.172	-.657
150	138	.276	.137	.628	-.320	150	322	-.315	.048	-.137	-.512	150	438	-.139	.048	.124	-.330
150	201	.527	.121	.894	.086	150	323	-.347	.047	-.195	-.549	150	439	0.000	.057	.255	-.208
150	202	.591	.115	.941	.262	150	324	-.315	.047	-.163	-.512	150	440	.145	.062	.449	-.044
150	203	.580	.110	.909	.232	150	325	-.322	.047	-.156	-.485	150	441	.228	.071	.545	.010
150	204	.519	.103	.870	.191	150	326	-.306	.048	-.095	-.465	150	442	.289	.081	.560	.051
150	205	.426	.095	.757	.136	150	327	-.338	.049	-.163	-.493	150	443	.337	.092	.652	.036
150	206	.174	.092	.502	-.115	150	328	-.308	.050	-.141	-.485	150	444	.302	.134	.688	-.172
150	207	-.361	.100	.018	-.717	150	329	-.316	.050	-.156	-.502	150	445	.274	.140	.744	-.177
150	208	-.428	.082	-.165	-.873	150	330	-.313	.053	-.132	-.507	150	446	.289	.157	.786	-.230
150	209	-.387	.071	-.176	-.823	150	331	-.342	.055	-.173	-.553	150	447	.387	.135	.819	-.060
150	210	-.344	.060	-.189	-.686	150	332	-.308	.054	-.125	-.509	150	501	.477	.128	.865	.063
150	211	-.338	.054	-.191	-.673	150	333	-.316	.055	-.141	-.519	150	502	.577	.118	1.004	.252
150	212	-.333	.051	-.176	-.497	150	334	-.315	.054	-.139	-.546	150	503	.602	.113	1.036	.277
150	213	-.331	.050	-.174	-.481	150	335	-.094	.047	.134	-.264	150	504	.576	.108	.975	.260
150	214	-.332	.053	-.170	-.536	150	336	.070	.056	.298	-.098	150	505	.588	.106	.956	.310
150	215	-.345	.058	-.176	-.618	150	337	.194	.070	.468	-.024	150	506	.536	.104	.960	.276
150	216	-.348	.067	-.179	-.715	150	338	.275	.073	.590	.003	150	507	.435	.100	.854	.182
150	217	-.336	.068	-.147	-.678	150	339	.303	.083	.658	.008	150	508	.251	.089	.568	.012
150	218	-.318	.058	-.050	-.521	150	340	.393	.095	.795	.070	150	509	.047	.074	.344	-.209
150	219	-.321	.051	-.113	-.538	150	341	.349	.141	.865	-.256	150	510	-.382	.066	-.167	-.844
150	220	-.314	.050	-.131	-.510	150	342	.331	.167	.802	-.341	150	511	-.310	.056	-.121	-.613

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	512	-.314	.053	-.134	-.545	150	628	-.404	.059	-.188	-.664	150	804	.491	.103	.844	.214
150	513	-.302	.053	-.126	-.556	150	629	-.405	.059	-.193	-.651	150	805	.473	.097	.863	.200
150	514	-.291	.052	-.114	-.512	150	630	-.310	.052	-.119	-.529	150	806	.428	.092	.775	.182
150	515	-.299	.049	-.140	-.502	150	631	-.391	.052	-.230	-.586	150	807	.339	.087	.645	.113
150	516	-.312	.046	-.168	-.505	150	632	-.396	.052	-.225	-.587	150	808	.188	.082	.499	-.024
150	517	-.311	.044	-.165	-.454	150	633	-.234	.044	-.065	-.400	150	809	.003	.066	.248	-.205
150	518	-.305	.044	-.119	-.448	150	634	-.018	.044	.194	-.140	150	810	-.365	.062	-.144	-.672
150	519	-.313	.045	-.146	-.456	150	635	.075	.061	.299	-.088	150	811	-.310	.054	-.111	-.591
150	520	-.327	.051	-.160	-.551	150	636	.157	.070	.411	-.020	150	812	-.309	.051	-.114	-.510
150	521	-.340	.053	-.126	-.538	150	637	.244	.085	.525	.023	150	813	-.305	.053	-.131	-.496
150	522	-.321	.050	-.153	-.500	150	638	.314	.091	.605	.036	150	814	-.310	.052	-.126	-.489
150	523	-.321	.048	-.121	-.502	150	639	.240	.179	.752	-.441	150	815	-.307	.049	-.134	-.477
150	524	-.327	.047	-.143	-.470	150	640	.202	.208	.770	-.578	150	816	-.313	.046	-.158	-.474
150	525	-.331	.051	-.116	-.488	150	701	.572	.140	1.035	.183	150	817	-.310	.041	-.168	-.442
150	526	-.334	.052	-.095	-.500	150	702	.598	.117	.937	.282	150	818	-.321	.042	-.165	-.456
150	527	-.346	.053	-.106	-.505	150	703	.628	.120	1.071	.335	150	819	-.317	.043	-.158	-.486
150	528	-.352	.053	-.138	-.519	150	704	.619	.118	1.075	.328	150	820	-.325	.048	-.141	-.510
150	529	-.341	.048	-.182	-.551	150	705	.618	.117	1.059	.333	150	821	-.340	.064	-.123	-.558
150	530	-.333	.048	-.174	-.531	150	706	.528	.098	.860	.294	150	822	-.341	.063	-.093	-.543
150	531	-.335	.048	-.184	-.536	150	707	.449	.107	.847	.160	150	823	-.334	.056	-.114	-.508
150	532	-.340	.048	-.150	-.534	150	708	.259	.099	.597	-.026	150	824	-.347	.053	-.116	-.517
150	533	-.329	.044	-.175	-.490	150	709	.025	.089	.331	-.271	150	825	-.350	.052	-.140	-.553
150	534	-.324	.046	-.167	-.475	150	710	-.344	.070	-.116	-.640	150	826	-.371	.053	-.191	-.621
150	535	-.185	.038	-.024	-.313	150	711	-.369	.063	-.162	-.774	150	827	-.371	.051	-.221	-.540
150	536	-.054	.045	.151	-.203	150	712	-.368	.060	-.153	-.757	150	828	-.374	.053	-.218	-.555
150	537	.087	.056	.323	-.054	150	713	-.361	.060	-.149	-.832	150	829	-.389	.055	-.184	-.618
150	538	.174	.065	.454	.012	150	714	-.273	.049	-.078	-.490	150	830	-.419	.078	-.214	-.779
150	539	.242	.075	.548	.043	150	715	-.351	.056	-.124	-.552	150	831	-.432	.079	-.220	-.767
150	540	.290	.089	.635	.037	150	716	-.361	.054	-.201	-.539	150	832	-.405	.070	-.174	-.720
150	541	.266	.169	.827	-.406	150	717	-.363	.055	-.199	-.552	150	833	-.390	.064	-.183	-.645
150	542	.229	.195	.948	-.539	150	718	-.297	.049	-.139	-.480	150	834	-.397	.066	-.214	-.698
150	601	.545	.142	.986	.147	150	719	-.375	.055	-.191	-.623	150	835	-.284	.052	-.087	-.525
150	602	.617	.117	.956	.328	150	720	-.390	.064	-.166	-.809	150	836	-.147	.053	.075	-.415
150	603	.642	.121	1.092	.304	150	721	-.397	.072	-.114	-.875	150	837	-.066	.061	.167	-.391
150	604	.612	.111	1.094	.282	150	722	-.315	.054	-.119	-.592	150	838	-.005	.060	.206	-.350
150	605	.568	.108	.942	.258	150	723	-.373	.055	-.153	-.556	150	839	.044	.066	.290	-.298
150	606	.440	.089	.746	.168	150	724	-.387	.055	-.124	-.602	150	840	.084	.069	.365	-.180
150	607	.296	.097	.610	.047	150	725	-.397	.056	-.170	-.612	150	841	-.043	.120	.370	-.553
150	608	.041	.088	.319	-.219	150	726	-.343	.050	-.149	-.553	150	842	-.055	.144	.507	-.608
150	609	-.426	.075	-.212	-.739	150	727	-.416	.056	-.090	-.601	150	901	.176	.118	.585	-.189
150	610	-.268	.057	-.111	-.524	150	728	-.425	.055	-.139	-.684	150	902	.349	.104	.761	.086
150	611	-.352	.051	-.165	-.847	150	729	-.424	.054	-.181	-.636	150	903	.415	.100	.854	.188
150	612	-.352	.060	-.175	-.909	150	730	-.355	.047	-.137	-.525	150	904	.446	.094	.766	.202
150	613	-.348	.057	-.175	-.801	150	731	-.403	.053	-.206	-.583	150	905	.445	.091	.775	.208
150	614	-.267	.048	-.126	-.490	150	732	-.397	.054	-.194	-.576	150	906	.423	.086	.728	.208
150	615	-.346	.050	-.135	-.519	150	733	-.389	.057	-.121	-.563	150	907	.372	.083	.657	.185
150	616	-.354	.047	-.163	-.522	150	734	-.311	.052	-.086	-.475	150	908	.303	.085	.636	.077
150	617	-.357	.048	-.201	-.511	150	735	-.207	.039	-.071	-.393	150	909	.155	.082	.487	-.057
150	618	-.279	.045	-.103	-.436	150	736	-.078	.044	.083	-.235	150	910	-.020	.073	.269	-.214
150	619	-.373	.063	-.095	-.632	150	737	.050	.053	.269	-.087	150	911	-.382	.065	-.176	-.663
150	620	-.384	.069	-.078	-.635	150	738	.121	.062	.397	-.030	150	912	-.330	.057	-.129	-.695
150	621	-.371	.066	-.044	-.581	150	739	.185	.076	.432	-.096	150	913	-.319	.055	-.125	-.556
150	622	-.277	.056	-.029	-.455	150	740	.224	.109	.562	-.193	150	914	-.322	.054	-.137	-.546
150	623	-.367	.056	-.085	-.542	150	741	.198	.148	.638	-.408	150	915	-.314	.050	-.159	-.507
150	624	-.379	.057	-.067	-.556	150	742	.206	.162	.737	-.549	150	916	-.311	.049	-.132	-.498
150	625	-.393	.058	-.144	-.563	150	801	.268	.109	.627	-.014	150	917	-.324	.048	-.144	-.507
150	626	-.310	.051	-.104	-.512	150	802	.407	.106	.761	.132	150	918	-.322	.048	-.116	-.546
150	627	-.403	.061	-.184	-.645	150	803	.455	.103	.839	.197	150	919	-.326	.050	-.117	-.576

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	920	-.328	.053	-.111	-.576	150	1034	-.356	.055	-.171	-.608	150	1206	.469	.083	.828	.257
150	921	-.345	.059	-.122	-.781	150	1035	-.188	.038	-.055	-.356	150	1207	.464	.083	.811	.257
150	922	-.353	.065	-.116	-.839	150	1036	-.115	.039	.040	-.242	150	1208	.423	.084	.741	.218
150	923	-.350	.059	-.147	-.575	150	1037	-.039	.042	.123	-.160	150	1209	.392	.078	.659	.199
150	924	-.347	.053	-.081	-.522	150	1038	-.001	.046	.177	-.149	150	1210	.289	.068	.529	.114
150	925	-.364	.051	-.165	-.516	150	1039	.028	.049	.231	-.128	150	1211	.140	.056	.340	-.036
150	926	-.359	.046	-.174	-.545	150	1040	.048	.064	.321	-.163	150	1212	.007	.052	.199	-.168
150	927	-.378	.048	-.211	-.599	150	1041	-.118	.127	.323	-.535	150	1213	-.468	.129	-.182	-1.136
150	928	-.378	.045	-.187	-.541	150	1042	-.127	.141	.388	-.577	150	1214	-.378	.085	-.148	-.977
150	929	-.374	.045	-.169	-.525	150	1101	.157	.095	.570	-.129	150	1215	-.319	.063	-.130	-.729
150	930	-.370	.045	-.236	-.533	150	1102	.319	.084	.678	.107	150	1216	-.316	.059	-.135	-.605
150	931	-.366	.044	-.231	-.539	150	1103	.387	.078	.751	.198	150	1217	-.312	.053	-.132	-.630
150	932	-.360	.045	-.222	-.550	150	1104	.418	.075	.732	.225	150	1218	-.319	.051	-.138	-.610
150	933	-.364	.046	-.227	-.535	150	1105	.419	.073	.667	.216	150	1219	-.312	.046	-.163	-.511
150	934	-.360	.046	-.216	-.536	150	1106	.421	.075	.694	.219	150	1220	-.328	.045	-.202	-.506
150	935	-.352	.045	-.192	-.544	150	1107	.361	.071	.685	.184	150	1221	-.335	.040	-.218	-.490
150	936	-.355	.047	-.195	-.554	150	1108	.257	.066	.554	.069	150	1222	-.349	.039	-.200	-.480
150	937	-.233	.038	-.069	-.385	150	1109	.099	.058	.381	-.052	150	1223	-.345	.039	-.145	-.493
150	938	-.134	.039	.034	-.270	150	1110	-.054	.055	.189	-.212	150	1224	-.366	.043	-.164	-.534
150	939	-.047	.043	.113	-.172	150	1111	-.390	.074	-.164	-.749	150	1225	-.359	.048	-.186	-.540
150	940	.007	.047	.187	-.139	150	1112	-.332	.059	-.140	-.595	150	1226	-.372	.006	-.350	-.392
150	941	.040	.052	.238	-.137	150	1113	-.330	.055	-.174	-.708	150	1227	-.356	.045	-.104	-.496
150	942	.059	.066	.300	-.210	150	1114	-.324	.054	-.164	-.739	150	1228	-.342	.042	-.142	-.483
150	943	-.119	.134	.279	-.554	150	1115	-.313	.050	-.160	-.623	150	1229	-.367	.042	-.238	-.518
150	944	-.120	.151	.391	-.595	150	1116	-.316	.048	-.171	-.535	150	1230	-.357	.040	-.221	-.508
150	1001	.168	.111	.559	-.157	150	1117	-.326	.050	-.151	-.685	150	1231	-.362	.040	-.233	-.529
150	1002	.322	.099	.807	.043	150	1118	-.336	.046	-.156	-.532	150	1232	-.341	.039	-.212	-.479
150	1003	.375	.091	.711	.097	150	1119	-.329	.043	-.116	-.513	150	1233	-.344	.042	-.190	-.485
150	1004	.412	.085	.736	.166	150	1120	-.348	.044	-.096	-.570	150	1234	-.343	.044	-.207	-.487
150	1005	.382	.078	.676	.140	150	1121	-.357	.042	-.173	-.496	150	1235	-.342	.046	-.195	-.493
150	1006	.330	.075	.603	.097	150	1122	-.370	.040	-.171	-.555	150	1236	-.324	.047	-.176	-.498
150	1007	.244	.071	.496	.062	150	1123	-.354	.044	-.197	-.565	150	1237	-.332	.049	-.171	-.610
150	1008	.104	.070	.362	-.075	150	1124	-.360	.043	-.125	-.586	150	1238	-.338	.052	-.190	-.607
150	1009	-.056	.064	.174	-.253	150	1125	-.361	.041	-.192	-.511	150	1239	-.345	.054	-.199	-.620
150	1010	-.401	.067	-.183	-.667	150	1126	-.368	.040	-.215	-.516	150	1240	-.337	.054	-.179	-.612
150	1011	-.343	.058	-.152	-.713	150	1127	-.352	.038	-.238	-.474	150	1241	-.149	.036	.021	-.298
150	1012	-.337	.056	-.154	-.662	150	1128	-.354	.040	-.238	-.495	150	1242	-.044	.042	.176	-.179
150	1013	-.330	.053	-.158	-.625	150	1129	-.349	.044	-.225	-.544	150	1243	.033	.048	.229	-.104
150	1014	-.329	.050	-.177	-.489	150	1130	-.349	.047	-.215	-.563	150	1244	.074	.056	.291	-.072
150	1015	-.327	.049	-.111	-.528	150	1131	-.334	.047	-.194	-.575	150	1245	.108	.065	.387	-.049
150	1016	-.333	.051	-.108	-.545	150	1132	-.342	.048	-.182	-.542	150	1246	.127	.083	.423	-.103
150	1017	-.333	.052	-.139	-.544	150	1133	-.337	.048	-.176	-.503	150	1247	.019	.113	.384	-.334
150	1018	-.339	.054	-.180	-.557	150	1134	-.341	.049	-.173	-.513	150	1248	-.056	.132	.365	-.532
150	1019	-.352	.050	-.160	-.541	150	1135	-.334	.050	-.155	-.537	150	1301	-.386	.090	-.140	-.789
150	1020	-.361	.054	-.140	-.582	150	1136	-.360	.059	-.173	-.628	150	1302	-.418	.102	-.115	-.996
150	1021	-.370	.061	-.104	-.723	150	1137	-.140	.038	.000	-.269	150	1303	-.363	.101	-.003	-.959
150	1022	-.369	.059	-.085	-.653	150	1138	-.069	.039	.081	-.190	150	1304	-.306	.067	-.045	-.584
150	1023	-.371	.046	-.163	-.518	150	1139	.008	.041	.181	-.127	150	1305	-.375	.097	-.077	-.856
150	1024	-.377	.044	-.134	-.536	150	1140	.046	.046	.233	-.106	150	1306	.180	.095	.575	-.160
150	1025	-.378	.042	-.215	-.545	150	1141	.081	.048	.262	-.119	150	1307	.288	.170	.739	-.291
150	1026	-.382	.043	-.248	-.568	150	1142	.096	.061	.316	-.301	150	1308	-.142	.042	.087	-.281
150	1027	-.365	.041	-.250	-.557	150	1143	-.045	.102	.277	-.425	150	1309	-.104	.047	.153	-.252
150	1028	-.354	.044	-.233	-.551	150	1144	-.071	.118	.342	-.475	150	1310	-.330	.054	-.160	-.617
150	1029	-.342	.046	-.215	-.550	150	1201	.227	.089	.522	-.060	150	1311	-.287	.055	-.121	-.510
150	1030	-.341	.047	-.215	-.556	150	1202	.364	.086	.659	.117	150	1312	-.330	.051	-.174	-.539
150	1031	-.352	.048	-.195	-.509	150	1203	.387	.086	.679	.140	150	1313	-.338	.067	-.170	-.710
150	1032	-.350	.050	-.172	-.547	150	1204	.410	.082	.680	.184	0	0	0.000	0.000	0.000	0.000
150	1033	-.347	.051	-.169	-.550	150	1205	.467	.084	.807	.238	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	101	.305	.220	.904	-.420	165	221	-.255	.071	-.043	-.525	165	401	.194	.185	.824	-.378
165	102	.355	.195	.872	-.387	165	222	-.246	.082	-.012	-.551	165	402	.347	.188	.979	-.148
165	103	.376	.183	.865	-.261	165	223	-.277	.092	.012	-.704	165	403	.402	.192	1.069	-.104
165	104	.359	.182	.880	-.375	165	224	-.250	.098	.012	-.762	165	404	.444	.180	.918	-.160
165	105	.341	.169	.819	-.487	165	225	-.276	.111	.015	-1.007	165	405	.396	.160	.897	-.240
165	106	.286	.144	.721	-.400	165	226	-.287	.111	.002	-1.510	165	406	.364	.144	.806	-.314
165	107	.121	.115	.628	-.463	165	227	-.340	.128	.184	-1.410	165	407	.231	.123	.671	-.452
165	108	-.333	.138	.203	-.975	165	228	-.302	.162	.589	-1.051	165	408	.101	.098	.482	-.398
165	109	-.351	.133	-.032	-1.153	165	229	-.057	.143	.750	-.507	165	409	-.300	.102	.186	-.923
165	110	-.324	.110	-.043	-1.016	165	230	.035	.132	.834	-.342	165	410	-.211	.080	0.000	-.729
165	111	-.308	.094	-.043	-.762	165	231	.074	.133	.665	-.357	165	411	-.206	.071	.013	-1.018
165	112	-.297	.093	.002	-.717	165	232	.136	.137	.617	-.281	165	412	-.189	.064	-.010	-.622
165	113	-.284	.088	.017	-.732	165	233	.161	.148	.714	-.313	165	413	-.211	.056	-.036	-.475
165	114	-.241	.078	-.017	-.686	165	234	.192	.156	.773	-.392	165	414	-.179	.052	-.015	-.433
165	115	-.228	.081	.025	-.736	165	235	.096	.244	.875	-1.035	165	415	-.195	.050	-.016	-.395
165	116	-.228	.081	-.040	-.736	165	236	.098	.287	.910	-1.324	165	416	-.219	.047	-.007	-.392
165	117	-.239	.087	-.007	-.817	165	301	.300	.202	1.017	-.319	165	417	-.216	.048	-.015	-.377
165	118	-.246	.092	-.037	-.749	165	302	.384	.195	.954	-.168	165	418	-.234	.050	-.017	-.394
165	119	-.271	.110	-.037	-1.010	165	303	.400	.198	.981	-.262	165	419	-.266	.056	-.074	-.488
165	120	-.272	.107	-.018	-.874	165	304	.450	.191	1.009	-.148	165	420	-.308	.076	-.054	-.644
165	121	-.265	.093	-.028	-.898	165	305	.440	.181	.989	-.102	165	421	-.291	.070	-.078	-.603
165	122	-.249	.082	-.013	-.905	165	306	.389	.146	.837	-.207	165	422	-.284	.060	-.113	-.492
165	123	-.244	.087	.035	-.774	165	307	.244	.139	.635	-.400	165	423	-.297	.059	-.140	-.522
165	124	-.238	.089	.048	-.654	165	308	.192	.122	.691	-.270	165	424	-.302	.062	-.127	-.568
165	125	-.250	.098	.048	-.859	165	309	.077	.101	.495	-.341	165	425	-.291	.068	-.079	-.507
165	126	-.250	.099	.035	-.869	165	310	-.255	.091	.188	-.686	165	426	-.287	.083	-.025	-.619
165	127	-.270	.107	.025	-1.056	165	311	-.239	.077	.012	-.686	165	427	-.291	.092	.022	-.725
165	128	-.249	.092	.037	-.686	165	312	-.186	.061	.033	-.507	165	428	-.294	.097	.015	-.784
165	129	-.260	.099	.027	-.732	165	313	-.191	.059	.012	-.503	165	429	-.294	.111	.049	-.935
165	130	-.259	.101	.018	-.734	165	314	-.173	.060	.002	-.638	165	430	-.299	.107	.022	-.929
165	131	-.274	.109	.058	-.834	165	315	-.205	.058	-.018	-.472	165	431	-.312	.108	.002	-.911
165	132	-.305	.115	-.017	-.967	165	316	-.183	.056	.012	-.410	165	432	-.323	.107	-.041	-.799
165	133	-.352	.151	.156	-1.269	165	317	-.210	.056	0.000	-.438	165	433	-.318	.115	-.008	-.901
165	134	-.305	.208	.671	-1.272	165	318	-.203	.056	-.030	-.388	165	434	-.327	.118	.157	-.975
165	135	-.026	.174	.942	-.475	165	319	-.240	.056	-.067	-.415	165	435	-.333	.130	.292	-1.006
165	136	.038	.172	.802	-.457	165	320	-.224	.060	-.035	-.471	165	436	-.338	.140	.586	-1.058
165	137	.061	.178	.927	-.633	165	321	-.263	.071	-.064	-.566	165	437	-.335	.170	.510	-1.147
165	138	.093	.180	.885	-.566	165	322	-.270	.067	-.089	-.597	165	438	-.113	.123	.619	-.487
165	201	.123	.179	.903	-.417	165	323	-.293	.062	-.105	-.577	165	439	-.019	.113	.718	-.357
165	202	.154	.179	.781	-.500	165	324	-.262	.062	-.079	-.538	165	440	.048	.102	.581	-.269
165	203	.114	.249	1.011	-1.143	165	325	-.280	.068	-.059	-.566	165	441	.096	.102	.542	-.250
165	204	.125	.281	1.071	-1.227	165	326	-.243	.067	0.000	-.545	165	442	.121	.109	.487	-.355
165	205	.290	.207	.945	-.256	165	327	-.269	.073	0.000	-.591	165	443	.135	.131	.630	-.514
165	206	.413	.197	1.026	-.254	165	328	-.234	.080	.061	-.684	165	444	.021	.219	.703	-.977
165	207	.451	.193	.993	-.208	165	329	-.247	.092	.069	-.765	165	445	.002	.232	.810	-.951
165	208	.472	.173	.960	-.138	165	330	-.260	.098	.030	-.814	165	446	-.006	.253	.818	-1.119
165	209	.412	.151	.915	-.151	165	331	-.302	.109	.033	-1.040	165	447	.107	.217	.788	-.691
165	210	.208	.118	.674	-.236	165	332	-.288	.114	.026	-.956	165	501	.208	.159	.732	-.355
165	211	-.303	.158	.274	-.962	165	333	-.316	.128	.094	-1.196	165	502	.372	.166	.820	-.096
165	212	-.399	.135	.093	-1.169	165	334	-.300	.152	.502	-1.296	165	503	.451	.173	.945	-.093
165	213	-.341	.107	.012	-.967	165	335	-.109	.122	.627	-.561	165	504	.466	.169	.948	-.096
165	214	-.293	.100	-.027	-.903	165	336	.001	.116	.556	-.355	165	505	.480	.155	.938	-.079
165	215	-.289	.092	-.025	-.832	165	337	.057	.121	.661	-.324	165	506	.473	.141	.916	-.101
165	216	-.274	.081	-.051	-.689	165	338	.132	.130	.615	-.359	165	507	.402	.126	.801	-.167
165	217	-.253	.072	-.020	-.502	165	339	.132	.142	.656	-.355	165	508	.236	.110	.619	-.287
165	218	-.263	.077	-.078	-.545	165	340	.195	.163	.760	-.482	165	509	.067	.080	.563	-.282
165	219	-.273	.075	-.091	-.568	165	341	.117	.256	.831	-1.163	165	510	-.290	.095	.091	-.901
165	220	-.260	.070	-.070	-.540	165	342	.024	.282	.719	-1.517	165	511	-.232	.082	.007	-.914

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN
165	512	-.231	.073	0.000	-.901	165	628	-.359	.089	-.006	-.805	165	804	.309	.138	.929	-.101
165	513	-.218	.065	.030	-.688	165	629	-.363	.098	-.008	-1.381	165	805	.372	.139	.898	-.062
165	514	-.197	.059	.034	-.553	165	630	-.297	.085	-.016	-1.096	165	806	.376	.130	.786	-.121
165	515	-.200	.054	-.015	-.488	165	631	-.368	.095	-.050	-.998	165	807	.318	.115	.707	-.198
165	516	-.212	.049	-.066	-.443	165	632	-.385	.103	.019	-1.139	165	808	.194	.100	.577	-.249
165	517	-.219	.047	-.073	-.411	165	633	-.192	.092	.383	-.595	165	809	.046	.088	.342	-.320
165	518	-.215	.048	-.074	-.372	165	634	-.028	.078	.400	-.292	165	810	-.279	.107	.078	-1.348
165	519	-.230	.050	-.086	-.390	165	635	.026	.091	.589	-.290	165	811	-.241	.105	-.003	-1.276
165	520	-.266	.056	-.112	-.466	165	636	.056	.095	.566	-.303	165	812	-.225	.093	-.015	-1.123
165	521	-.293	.069	-.125	-.554	165	637	.084	.107	.554	-.422	165	813	-.196	.072	-.016	-.741
165	522	-.279	.065	-.108	-.532	165	638	.126	.119	.560	-.600	165	814	-.193	.060	-.037	-.599
165	523	-.274	.055	-.112	-.451	165	639	-.108	.227	.533	-1.174	165	815	-.190	.054	-.036	-.459
165	524	-.290	.056	-.120	-.477	165	640	-.179	.259	.603	-1.417	165	816	-.194	.048	-.049	-.389
165	525	-.310	.058	-.139	-.541	165	701	.289	.162	.945	-.194	165	817	-.193	.045	-.031	-.391
165	526	-.304	.062	-.100	-.519	165	702	.394	.149	.908	-.090	165	818	-.203	.044	-.052	-.352
165	527	-.304	.068	-.083	-.551	165	703	.474	.168	.974	-.132	165	819	-.211	.045	-.015	-.383
165	528	-.305	.075	-.059	-.576	165	704	.508	.166	1.019	-.124	165	820	-.230	.053	-.022	-.525
165	529	-.300	.088	-.041	-.646	165	705	.542	.162	1.001	-.013	165	821	-.260	.076	-.036	-.583
165	530	-.287	.096	0.000	-.768	165	706	.503	.122	.884	.051	165	822	-.268	.070	-.080	-.537
165	531	-.297	.100	-.005	-.815	165	707	.427	.120	.828	-.042	165	823	-.262	.056	-.086	-.466
165	532	-.315	.103	-.019	-.929	165	708	.262	.105	.663	-.178	165	824	-.279	.057	-.107	-.514
165	533	-.325	.102	.162	-.919	165	709	.062	.090	.513	-.351	165	825	-.287	.054	-.114	-.502
165	534	-.320	.126	.255	-1.019	165	710	-.244	.097	.130	-.860	165	826	-.311	.060	-.102	-.562
165	535	-.148	.104	.333	-.897	165	711	-.265	.100	-.034	-1.022	165	827	-.304	.069	-.062	-.580
165	536	-.054	.097	.406	-.717	165	712	-.253	.088	-.030	-.935	165	828	-.294	.071	-.016	-.548
165	537	.029	.089	.541	-.299	165	713	-.242	.088	-.019	-1.065	165	829	-.306	.078	-.073	-.790
165	538	.074	.087	.475	-.237	165	714	-.155	.058	.016	-.592	165	830	-.292	.083	-.074	-.691
165	539	.092	.091	.438	-.267	165	715	-.229	.059	.005	-.608	165	831	-.311	.092	-.030	-.827
165	540	.081	.118	.411	-.637	165	716	-.235	.053	.006	-.533	165	832	-.318	.100	-.041	-1.014
165	541	-.080	.236	.595	-1.011	165	717	-.235	.052	-.003	-.488	165	833	-.332	.118	.071	-1.066
165	542	-.145	.267	.635	-1.256	165	718	-.163	.044	.024	-.355	165	834	-.333	.144	.443	-.981
165	601	.233	.175	.887	-.306	165	719	-.262	.050	-.082	-.436	165	835	-.191	.125	.522	-.617
165	602	.383	.159	.886	-.125	165	720	-.289	.062	-.071	-.606	165	836	-.116	.121	.591	-.712
165	603	.498	.177	1.070	-.172	165	721	-.322	.090	-.111	-.897	165	837	-.101	.123	.408	-.805
165	604	.550	.161	1.165	-.075	165	722	-.239	.075	-.011	-.708	165	838	-.100	.122	.358	-.740
165	605	.547	.148	1.030	-.008	165	723	-.316	.058	-.114	-.481	165	839	-.119	.138	.235	-.727
165	606	.424	.112	.767	-.112	165	724	-.335	.057	-.156	-.518	165	840	-.130	.146	.232	-1.070
165	607	.295	.105	.667	-.202	165	725	-.350	.061	-.141	-.560	165	841	-.289	.184	.226	-1.066
165	608	.066	.092	.457	-.364	165	726	-.280	.060	-.047	-.507	165	842	-.323	.208	.229	-1.003
165	609	-.333	.108	-.014	-1.316	165	727	-.375	.067	-.104	-.626	165	901	-.086	.124	.318	-.537
165	610	-.216	.084	-.030	-1.057	165	728	-.374	.070	-.091	-.600	165	902	.114	.111	.583	-.274
165	611	-.254	.085	-.035	-.873	165	729	-.360	.074	-.082	-.640	165	903	.211	.120	.761	-.127
165	612	-.250	.080	.014	-.932	165	730	-.269	.067	-.024	-.531	165	904	.311	.119	.736	-.210
165	613	-.238	.066	-.034	-.716	165	731	-.353	.077	-.022	-.642	165	905	.342	.122	.731	-.182
165	614	-.184	.050	-.010	-.409	165	732	-.397	.123	.059	-1.144	165	906	.354	.117	.722	-.129
165	615	-.245	.051	-.034	-.409	165	733	-.411	.142	.019	-1.407	165	907	.348	.111	.709	-.070
165	616	-.253	.048	-.061	-.420	165	734	-.323	.138	.274	-1.288	165	908	.302	.107	.675	-.027
165	617	-.259	.047	-.040	-.427	165	735	-.130	.111	.508	-.539	165	909	.183	.097	.607	-.309
165	618	-.223	.044	-.006	-.347	165	736	-.023	.110	.635	-.336	165	910	.039	.082	.410	-.296
165	619	-.293	.062	-.107	-.518	165	737	.044	.109	.576	-.258	165	911	-.268	.093	.061	-.975
165	620	-.336	.084	-.099	-.720	165	738	.069	.120	.696	-.340	165	912	-.225	.084	.015	-.801
165	621	-.334	.076	-.106	-.685	165	739	.090	.140	.552	-.468	165	913	-.209	.085	.016	-.999
165	622	-.262	.056	-.091	-.478	165	740	.068	.181	.701	-.599	165	914	-.206	.081	.013	-.946
165	623	-.339	.064	-.146	-.547	165	741	-.044	.226	.499	-.935	165	915	-.192	.061	.001	-.691
165	624	-.358	.067	-.087	-.610	165	742	-.100	.277	.465	-1.308	165	916	-.183	.054	-.021	-.447
165	625	-.367	.072	-.082	-.651	165	801	-.025	.131	.444	-.666	165	917	-.191	.049	-.040	-.403
165	626	-.294	.071	-.080	-.529	165	802	.133	.128	.593	-.533	165	918	-.189	.047	-.033	-.401
165	627	-.357	.082	-.022	-.769	165	803	.214	.123	.687	-.225	165	919	-.195	.046	-.028	-.377

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	920	-.146	.046	-.027	-.337	165	1034	-.321	.121	.008	-1.436	165	1206	.396	.099	.763	.050
165	921	-.222	.057	-.021	-.500	165	1035	-.161	.063	.112	-.487	165	1207	.405	.100	.784	.066
165	922	-.248	.080	-.027	-.642	165	1036	-.101	.057	.160	-.408	165	1208	.408	.108	.873	.003
165	923	-.249	.073	-.056	-.601	165	1037	-.050	.056	.130	-.278	165	1209	.399	.096	.863	.136
165	924	-.255	.058	-.038	-.475	165	1038	-.037	.060	.183	-.300	165	1210	.324	.082	.802	.087
165	925	-.279	.057	-.071	-.480	165	1039	-.051	.068	.197	-.392	165	1211	.195	.064	.532	-.010
165	926	-.298	.056	-.098	-.528	165	1040	-.107	.106	.191	-.676	165	1212	.084	.056	.321	-.090
165	927	-.311	.056	-.123	-.454	165	1041	-.320	.185	.200	-1.027	165	1213	-.324	.111	.029	-.892
165	928	-.317	.070	-.115	-.608	165	1042	-.349	.196	.289	-1.045	165	1214	-.246	.090	-.002	-1.026
165	929	-.313	.073	-.089	-.643	165	1101	-.058	.113	.315	-.493	165	1215	-.200	.072	-.011	-.863
165	930	-.301	.081	-.082	-.812	165	1102	.109	.099	.464	-.283	165	1216	-.195	.066	-.031	-.833
165	931	-.287	.095	-.051	-1.109	165	1103	.213	.103	.584	-.197	165	1217	-.197	.076	-.005	-1.260
165	932	-.292	.105	-.036	-1.358	165	1104	.301	.106	.681	-.047	165	1218	-.203	.079	-.026	-1.599
165	933	-.304	.112	-.032	-1.467	165	1105	.305	.109	.691	-.133	165	1219	-.197	.064	-.045	-.907
165	934	-.311	.116	-.061	-1.339	165	1106	.321	.111	.725	-.138	165	1220	-.205	.057	-.055	-.728
165	935	-.314	.109	.030	-1.363	165	1107	.320	.103	.731	-.088	165	1221	-.202	.052	-.016	-.523
165	936	-.327	.121	.212	-1.499	165	1108	.266	.090	.611	-.073	165	1222	-.211	.054	.058	-.468
165	937	-.181	.076	.297	-.514	165	1109	.146	.070	.371	-.257	165	1223	-.223	.057	-.044	-.431
165	938	-.104	.068	.248	-.371	165	1110	.024	.064	.293	-.325	165	1224	-.268	.075	-.044	-.631
165	939	-.057	.065	.244	-.363	165	1111	-.272	.106	.248	-.831	165	1225	-.258	.073	.021	-.524
165	940	-.042	.065	.215	-.301	165	1112	-.217	.091	.030	-.834	165	1225	-.275	.006	-.253	-.295
165	941	-.047	.068	.225	-.392	165	1113	-.203	.074	.005	-.681	165	1226	-.269	.057	-.032	-.455
165	942	-.092	.099	.213	-.558	165	1114	-.201	.074	-.009	-.781	165	1227	-.278	.058	-.029	-.481
165	943	-.340	.196	.127	-1.103	165	1115	-.186	.065	-.015	-.551	165	1228	-.333	.069	-.103	-.660
165	944	-.379	.212	.168	-1.197	165	1116	-.182	.062	-.026	-.602	165	1229	-.282	.056	-.103	-.565
165	1001	-.062	.122	.467	-.467	165	1117	-.212	.053	-.019	-.442	165	1230	-.303	.056	-.147	-.524
165	1002	.115	.113	.660	-.174	165	1118	-.216	.054	-.035	-.461	165	1231	-.280	.055	-.106	-.542
165	1003	.203	.118	.646	-.179	165	1119	-.209	.053	-.015	-.447	165	1232	-.317	.074	-.132	-.713
165	1004	.287	.125	.697	-.116	165	1120	-.220	.059	.077	-.489	165	1233	-.300	.076	-.071	-.891
165	1005	.320	.120	.890	-.070	165	1121	-.222	.060	.068	-.411	165	1234	-.297	.083	-.039	-.854
165	1006	.316	.110	.723	-.041	165	1122	-.266	.081	-.019	-.663	165	1235	-.283	.084	.010	-.757
165	1007	.258	.095	.614	-.100	165	1123	-.261	.073	-.010	-.603	165	1236	-.289	.089	.040	-.820
165	1008	.153	.088	.569	-.216	165	1124	-.267	.061	-.040	-.502	165	1237	-.287	.102	-.005	-.965
165	1009	.026	.076	.380	-.328	165	1125	-.290	.057	-.066	-.552	165	1238	-.295	.109	.018	-1.036
165	1010	-.263	.095	.039	-.844	165	1126	-.308	.058	-.139	-.542	165	1239	-.298	.116	.061	-1.205
165	1011	-.232	.099	.015	-.955	165	1127	-.308	.062	-.132	-.521	165	1241	-.120	.059	.086	-.344
165	1012	-.213	.090	.014	-.958	165	1128	-.317	.071	-.113	-.641	165	1242	-.042	.056	.173	-.211
165	1013	-.204	.081	-.012	-1.048	165	1129	-.303	.066	-.139	-.628	165	1243	.007	.058	.228	-.189
165	1014	-.195	.070	-.011	-.775	165	1130	-.300	.078	-.102	-.923	165	1244	.017	.066	.258	-.252
165	1015	-.191	.060	-.039	-.546	165	1131	-.287	.081	-.076	-.996	165	1245	.022	.078	.286	-.286
165	1016	-.193	.055	-.065	-.437	165	1132	-.290	.086	-.060	-1.052	165	1246	-.013	.098	.342	-.386
165	1017	-.192	.052	-.067	-.402	165	1133	-.283	.087	-.005	-.704	165	1247	-.155	.146	.268	-.749
165	1018	-.192	.051	-.027	-.390	165	1134	-.287	.089	-.013	-.776	165	1248	-.258	.179	.245	-.991
165	1019	-.195	.051	.076	-.445	165	1135	-.287	.095	.031	-.900	165	1301	-.499	.244	.339	-1.412
165	1020	-.213	.059	-.042	-.516	165	1136	-.322	.111	.063	-.999	165	1302	-.364	.124	.080	-1.036
165	1021	-.243	.061	-.038	-.657	165	1137	-.112	.060	.111	-.366	165	1303	-.050	.113	.264	-.696
165	1022	-.244	.075	-.064	-.596	165	1138	-.048	.058	.176	-.268	165	1304	-.202	.128	.174	-1.277
165	1023	-.261	.061	-.053	-.477	165	1139	-.001	.060	.237	-.197	165	1305	-.190	.162	.236	-.960
165	1024	-.284	.060	-.030	-.472	165	1140	.011	.065	.269	-.224	165	1306	.047	.161	.684	-.515
165	1025	-.297	.060	-.121	-.519	165	1141	.016	.072	.255	-.310	165	1307	.010	.214	.516	-.739
165	1026	-.308	.065	-.113	-.539	165	1142	-.027	.099	.265	-.544	165	1308	-.061	.110	.530	-.425
165	1027	-.312	.085	-.123	-.762	165	1143	-.219	.153	.213	-.912	165	1309	.001	.110	.515	-.342
165	1028	-.305	.092	-.101	-.821	165	1144	-.261	.167	.184	-1.099	165	1310	-.296	.095	-.013	-.908
165	1029	-.287	.094	-.014	-.809	165	1201	.049	.102	.397	-.303	165	1311	-.206	.087	.051	-.978
165	1030	-.282	.096	.039	-.873	165	1202	.202	.100	.603	-.094	165	1312	-.269	.084	-.066	-.776
165	1031	-.299	.101	-.035	-1.154	165	1203	.222	.101	.644	-.129	165	1313	-.250	.074	-.050	-.583
165	1032	-.308	.108	-.033	-1.357	165	1204	.262	.101	.679	-.150	0	0	0.000	0.000	0.000	0.000
165	1033	-.308	.112	.020	-1.511	165	1205	.391	.105	.816	.066	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	101	-.139	.263	.705	-1.345	180	221	-.176	.078	.057	-.989	180	401	-.258	.295	.358	-1.219
180	102	.045	.161	.720	-.558	180	222	-.171	.074	.069	-.607	180	402	-.064	.214	.509	-1.137
180	103	.047	.147	.694	-.644	180	223	-.203	.085	.060	-1.130	180	403	.010	.138	.643	-.737
180	104	.072	.141	.634	-.414	180	224	-.173	.088	.063	-1.024	180	404	.053	.119	.638	-.314
180	105	.043	.149	.691	-.476	180	225	-.197	.098	.087	-.917	180	405	.021	.129	.576	-.322
180	106	.053	.148	.727	-.424	180	226	-.221	.121	.070	-.952	180	406	.047	.139	.604	-.274
180	107	-.065	.142	.613	-.731	180	227	-.284	.148	.319	-1.024	180	407	-.012	.132	.494	-.376
180	108	-.278	.140	.168	-.932	180	228	.075	.199	.664	-.650	180	408	-.058	.109	.376	-.484
180	109	-.308	.136	.009	-.989	180	229	.391	.246	1.020	-.451	180	409	-.246	.109	.261	-.818
180	110	-.237	.120	.057	-.876	180	230	.433	.249	.988	-.314	180	410	-.191	.095	.053	-.679
180	111	-.245	.111	.033	-.843	180	231	.361	.238	1.019	-.326	180	411	-.188	.089	.086	-.595
180	112	-.224	.104	.047	-.653	180	232	.341	.216	.971	-.396	180	412	-.173	.085	.065	-.614
180	113	-.241	.100	.012	-.684	180	233	.270	.190	.880	-.250	180	413	-.199	.079	.022	-.550
180	114	-.184	.086	.019	-.767	180	234	.190	.156	.787	-.219	180	414	-.163	.073	.062	-.502
180	115	-.195	.075	-.023	-.568	180	235	-.004	.162	.585	-.544	180	415	-.177	.067	.033	-.463
180	116	-.162	.068	.019	-.521	180	236	-.205	.316	.657	-1.600	180	416	-.169	.070	.005	-.530
180	117	-.191	.071	.048	-.497	180	301	-.187	.297	.581	-1.425	180	417	-.159	.066	.002	-.478
180	118	-.157	.080	.111	-.620	180	302	-.022	.191	.701	-1.092	180	418	-.174	.062	-.015	-.561
180	119	-.197	.098	.104	-.786	180	303	.013	.131	.756	-.650	180	419	-.197	.064	-.037	-.717
180	120	-.183	.094	.087	-.653	180	304	.062	.126	.713	-.475	180	420	-.226	.090	-.019	-.731
180	121	-.202	.091	.045	-.642	180	305	.053	.129	.717	-.314	180	421	-.209	.083	-.010	-.653
180	122	-.167	.093	.104	-.603	180	306	.050	.139	.813	-.422	180	422	-.205	.068	-.034	-.530
180	123	-.189	.093	.081	-.629	180	307	.019	.152	.770	-.530	180	423	-.207	.061	-.052	-.517
180	124	-.182	.092	.119	-.629	180	308	.026	.154	.641	-.525	180	424	-.195	.060	.024	-.423
180	125	-.201	.093	.068	-.648	180	309	-.039	.137	.518	-.552	180	425	-.180	.068	.061	-.838
180	126	-.164	.090	.087	-.599	180	310	-.207	.106	.183	-.713	180	426	-.186	.085	.093	-.726
180	127	-.197	.097	.061	-.755	180	311	-.228	.095	.101	-.658	180	427	-.192	.095	.088	-.875
180	128	-.205	.113	.085	-.769	180	312	-.165	.081	.122	-.499	180	428	-.187	.098	.098	-.835
180	129	-.228	.144	.300	-.907	180	313	-.169	.078	.094	-.532	180	429	-.189	.108	.111	-1.510
180	130	.154	.209	.772	-.623	180	314	-.145	.073	.053	-.458	180	430	-.207	.106	.089	-.860
180	131	.360	.254	1.035	-.487	180	315	-.174	.072	.015	-.494	180	431	-.230	.116	.071	-.983
180	132	.403	.253	.949	-.358	180	316	-.139	.070	.048	-.432	180	432	-.239	.123	.069	-1.008
180	133	.317	.246	1.041	-.473	180	317	-.158	.070	.045	-.547	180	433	-.255	.144	.200	-1.076
180	134	.303	.237	.930	-.499	180	318	-.174	.068	.039	-.509	180	434	-.244	.154	.434	-1.005
180	135	.242	.219	.845	-.497	180	319	-.215	.068	-.019	-.621	180	435	-.129	.172	.552	-.828
180	136	.185	.190	.871	-.464	180	320	-.193	.073	.022	-.677	180	436	.031	.192	.588	-.766
180	137	.037	.193	.816	-.658	180	321	-.226	.085	0.000	-.847	180	437	.186	.223	.817	-.800
180	138	-.177	.318	.909	-1.375	180	322	-.204	.074	-.036	-.662	180	438	.334	.238	1.005	-.350
180	201	-.211	.333	.547	-1.401	180	323	-.230	.065	-.077	-.559	180	439	.364	.241	1.086	-.306
180	202	.009	.189	.667	-.861	180	324	-.190	.059	-.027	-.473	180	440	.330	.231	1.039	-.214
180	203	.041	.146	.708	-.615	180	325	-.198	.061	-.027	-.451	180	441	.285	.199	1.020	-.231
180	204	.093	.151	.892	-.324	180	326	-.178	.068	.029	-.502	180	442	.210	.161	.882	-.244
180	205	.050	.152	.852	-.336	180	327	-.208	.078	.026	-.676	180	443	.114	.121	.606	-.259
180	206	-.027	.141	.646	-.440	180	328	-.170	.087	.091	-.696	180	444	-.041	.164	.556	-.556
180	207	-.256	.138	.294	-.892	180	329	-.184	.099	.117	-.775	180	445	-.178	.268	.564	-.955
180	208	-.249	.136	.073	-1.048	180	330	-.179	.095	.036	-1.031	180	446	-.277	.336	.668	-1.475
180	209	-.244	.122	.090	-.959	180	331	-.226	.105	.010	-.929	180	447	-.241	.295	.796	-1.168
180	210	-.219	.109	.088	-1.027	180	332	-.220	.125	.043	-.955	180	501	-.214	.271	.421	-1.199
180	211	-.231	.100	.052	-1.086	180	333	-.249	.143	.230	-1.024	180	502	-.091	.212	.507	-.884
180	212	-.186	.085	.059	-.724	180	334	.067	.193	.744	-.830	180	503	-.020	.152	.689	-.756
180	213	-.188	.070	.009	-.717	180	335	.350	.233	.909	-.336	180	504	.009	.126	.788	-.673
180	214	-.187	.074	.033	-.530	180	336	.425	.239	1.008	-.183	180	505	.031	.125	.692	-.515
180	215	-.207	.070	.005	-.552	180	337	.369	.228	.965	-.230	180	506	.049	.130	.742	-.468
180	216	-.175	.070	.023	-.497	180	338	.318	.202	.931	-.180	180	507	.023	.132	.601	-.382
180	217	-.187	.070	.023	-.559	180	339	.213	.174	.842	-.300	180	508	-.028	.124	.468	-.397
180	218	-.182	.083	.073	-.890	180	340	.159	.135	.689	-.230	180	509	-.073	.116	.522	-.503
180	219	-.205	.083	.078	-1.053	180	341	-.022	.166	.535	-.669	180	510	-.202	.112	.204	-.796
180	220	-.162	.076	.094	-1.042	180	342	-.260	.336	.489	-1.519	180	511	-.208	.106	.138	-.699

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN
180	512	-.197	.097	.106	-.833	180	628	-.277	.193	.139	-1.902	180	804	-.087	.120	.476	-.586
180	513	-.178	.093	.061	-.983	180	629	-.296	.197	.083	-1.824	180	805	-.017	.107	.637	-.469
180	514	-.159	.084	.049	-.865	180	630	-.262	.188	.072	-1.452	180	806	-.014	.107	.646	-.419
180	515	-.169	.076	.022	-.673	180	631	-.284	.173	.201	-1.447	180	807	-.028	.104	.548	-.321
180	516	-.170	.066	.002	-.515	180	632	.023	.219	.771	-.958	180	808	-.067	.099	.425	-.368
180	517	-.163	.055	-.008	-.433	180	633	.298	.253	1.111	-.397	180	809	-.103	.087	.330	-.416
180	518	-.147	.048	.612	-.354	180	634	.330	.210	.907	-.147	180	810	-.212	.108	.110	-.803
180	519	-.160	.046	.022	-.320	180	635	.287	.209	.999	-.214	180	811	-.209	.110	.048	-.894
180	520	-.185	.055	.010	-.379	180	636	.223	.173	.878	-.226	180	812	-.199	.106	.042	-1.090
180	521	-.197	.062	.005	-.438	180	637	.165	.135	.747	-.163	180	813	-.188	.100	.063	-.886
180	522	-.184	.056	-.044	-.439	180	638	.094	.088	.480	-.180	180	814	-.188	.090	.026	-.951
180	523	-.184	.045	-.059	-.345	180	639	-.119	.153	.373	-.647	180	815	-.182	.079	.004	-.733
180	524	-.190	.043	-.064	-.343	180	640	-.286	.275	.339	-1.605	180	816	-.172	.061	.007	-.511
180	525	-.192	.057	-.007	-.439	180	701	-.187	.205	.527	-1.133	180	817	-.155	.052	.025	-.429
180	526	-.178	.066	.047	-.458	180	702	-.090	.170	.508	-.805	180	818	-.157	.046	.041	-.374
180	527	-.186	.076	.067	-.512	180	703	-.081	.153	.620	-.768	180	819	-.158	.047	.022	-.318
180	528	-.191	.088	.101	-.652	180	704	-.055	.133	.699	-1.048	180	820	-.180	.060	-.004	-.431
180	529	-.194	.106	.150	-1.101	180	705	-.025	.124	.755	-1.066	180	821	-.227	.090	-.012	-.749
180	530	-.188	.111	.195	-.973	180	706	.025	.102	.648	-.335	180	822	-.229	.082	-.031	-.694
180	531	-.218	.113	.133	-.827	180	707	-.020	.128	.693	-.508	180	823	-.208	.061	-.055	-.450
180	532	-.260	.136	.128	-1.091	180	708	-.061	.123	.564	-.483	180	824	-.211	.058	-.023	-.457
180	533	-.249	.153	.242	-1.343	180	709	-.106	.107	.392	-.540	180	825	-.199	.058	-.029	-.475
180	534	.043	.204	.734	-.847	180	710	-.161	.115	.185	-.977	180	826	-.202	.065	-.015	-.492
180	535	.275	.224	.458	-.441	180	711	-.233	.110	.076	-.945	180	827	-.190	.074	-.010	-.612
180	536	.294	.223	.975	-.451	180	712	-.226	.109	.069	-1.012	180	828	-.195	.080	.020	-.670
180	537	.297	.204	1.015	-.219	180	713	-.209	.110	.094	-1.029	180	829	-.261	.116	.044	-.878
180	538	.254	.175	.950	-.350	180	714	-.135	.083	.072	-.725	180	830	-.225	.105	.023	-.777
180	539	.179	.143	.758	-.200	180	715	-.193	.081	.027	-.696	180	831	-.290	.142	.020	-.903
180	540	.076	.111	.525	-.221	180	716	-.188	.068	.002	-.523	180	832	-.317	.159	.026	-1.011
180	541	-.102	.160	.543	-.693	180	717	-.167	.059	.032	-.448	180	833	-.173	.147	.269	-.894
180	542	-.336	.357	.607	-1.895	180	718	-.098	.045	.069	-.272	180	834	.085	.171	.603	-.618
180	601	-.251	.292	.534	-1.381	180	719	-.164	.046	-.006	-.349	180	835	.222	.196	.853	-.435
180	602	-.075	.193	.462	-.978	180	720	-.189	.060	.006	-.449	180	836	.230	.191	.837	-.400
180	603	-.061	.166	.570	-.852	180	721	-.218	.088	-.016	-.623	180	837	.182	.187	.764	-.621
180	604	-.012	.128	.719	-.637	180	722	-.151	.070	-.006	-.480	180	838	.117	.180	.716	-.719
180	605	.002	.129	.704	-.580	180	723	-.207	.061	-.045	-.445	180	839	.049	.166	.625	-.846
180	606	.039	.113	.578	-.443	180	724	-.214	.061	-.030	-.497	180	840	-.026	.148	.419	-.851
180	607	-.045	.115	.656	-.454	180	725	-.209	.070	-.008	-.443	180	841	-.148	.160	.229	-.897
180	608	-.125	.102	.429	-.564	180	726	-.146	.072	.046	-.613	180	842	-.355	.260	.259	-1.466
180	609	-.233	.126	.112	-1.029	180	727	-.217	.095	.062	-.701	180	901	-.273	.216	.277	-1.059
180	610	-.161	.112	.080	-1.039	180	728	-.218	.099	.067	-.760	180	902	-.123	.110	.311	-.708
180	611	-.212	.105	.064	-1.149	180	729	-.204	.102	.084	-.711	180	903	-.080	.087	.247	-.561
180	612	-.208	.098	.065	-1.044	180	730	-.146	.087	.105	-.553	180	904	-.036	.078	.215	-.438
180	613	-.188	.083	.073	-.735	180	731	-.228	.101	.072	-.754	180	905	-.032	.078	.296	-.476
180	614	-.121	.066	.076	-.446	180	732	-.243	.120	.113	-.787	180	906	-.026	.075	.333	-.431
180	615	-.191	.070	-.008	-.534	180	733	-.180	.144	.376	-.758	180	907	-.032	.080	.410	-.450
180	616	-.187	.061	-.032	-.491	180	734	.081	.174	.661	-.593	180	908	-.041	.076	.462	-.361
180	617	-.171	.055	0.000	-.500	180	735	.236	.184	.811	-.307	180	909	-.078	.078	.391	-.369
180	618	-.113	.046	.046	-.290	180	736	.311	.201	.941	-.244	180	910	-.114	.071	.242	-.472
180	619	-.200	.064	-.021	-.430	180	737	.297	.191	.974	-.251	180	911	-.201	.118	.123	-1.415
180	620	-.242	.090	-.013	-.639	180	738	.249	.170	.954	-.305	180	912	-.190	.095	.013	-.965
180	621	-.231	.082	-.035	-.588	180	739	.197	.144	.776	-.196	180	913	-.196	.122	.031	-1.582
180	622	-.147	.057	.003	-.336	180	740	.101	.110	.551	-.321	180	914	-.196	.123	.050	-1.699
180	623	-.210	.070	-.018	-.515	180	741	-.050	.117	.478	-.443	180	915	-.185	.109	-.010	-1.637
180	624	-.216	.075	.003	-.566	180	742	-.227	.213	.480	-.989	180	916	-.167	.074	.047	-.929
180	625	-.203	.087	.076	-.664	180	801	-.286	.217	.193	-1.130	180	917	-.165	.060	-.010	-.900
180	626	-.139	.098	.175	-.779	180	802	-.236	.194	.264	-1.141	180	918	-.152	.047	.041	-.412
180	627	-.246	.156	.089	-1.174	180	803	-.183	.168	.323	-1.095	180	919	-.151	.042	.086	-.320

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	920	-.154	.048	.007	-.344	180	1034	.018	.155	.683	-.812	180	1206	-.003	.071	.341	-.234
180	921	-.189	.063	.006	-.472	180	1035	.155	.134	.668	-.450	180	1207	.010	.067	.351	-.332
180	922	-.228	.092	.003	-.632	180	1036	.146	.118	.605	-.287	180	1208	.028	.078	.415	-.200
180	923	-.227	.084	.012	-.583	180	1037	.099	.093	.492	-.240	180	1209	.018	.056	.260	-.147
180	924	-.198	.064	-.045	-.437	180	1038	.059	.080	.432	-.198	180	1210	.002	.056	.393	-.171
180	925	-.203	.058	-.026	-.418	180	1039	.025	.067	.419	-.221	180	1211	-.022	.049	.290	-.147
180	926	-.195	.075	-.014	-.756	180	1040	-.028	.068	.309	-.269	180	1212	-.046	.047	.199	-.183
180	927	-.201	.063	-.020	-.473	180	1041	-.106	.097	.195	-.450	180	1213	-.153	.085	.064	-.721
180	928	-.228	.101	.023	-.995	180	1042	-.174	.152	.177	-.960	180	1214	-.145	.081	.088	-.702
180	929	-.223	.095	.033	-.873	180	1101	-.065	.103	.234	-.576	180	1215	-.133	.077	.072	-.824
180	930	-.233	.098	.039	-.837	180	1102	-.057	.104	.224	-.504	180	1216	-.134	.075	.067	-.852
180	931	-.289	.145	.065	-.809	180	1103	-.025	.083	.261	-.333	180	1217	-.134	.071	.046	-.897
180	932	-.300	.155	.003	-1.095	180	1104	-.001	.075	.267	-.300	180	1218	-.137	.070	.019	-.719
180	933	-.332	.171	-.014	-1.223	180	1105	.009	.068	.302	-.296	180	1219	-.128	.056	.003	-.660
180	934	-.370	.189	.039	-1.382	180	1106	.004	.066	.287	-.263	180	1220	-.128	.050	-.010	-.460
180	935	-.202	.152	.357	-.813	180	1107	.003	.059	.263	-.165	180	1221	-.118	.045	.030	-.471
180	936	.043	.166	.554	-.662	180	1108	-.017	.055	.245	-.237	180	1222	-.121	.043	.050	-.276
180	937	.170	.160	.654	-.297	180	1109	-.044	.056	.227	-.243	180	1223	-.133	.051	.083	-.361
180	938	.170	.150	.749	-.255	180	1110	-.069	.056	.110	-.320	180	1224	-.163	.073	.021	-.550
180	939	.122	.128	.626	-.207	180	1111	-.182	.094	.014	-.762	180	1225	-.198	.093	.028	-.776
180	940	.079	.108	.501	-.306	180	1112	-.173	.092	.020	-.942	180	1225	.076	.011	.106	.040
180	941	.032	.088	.386	-.293	180	1113	-.159	.082	.012	-.830	180	1226	-.156	.060	.090	-.466
180	942	-.027	.079	.242	-.428	180	1114	-.163	.083	.014	-1.076	180	1227	-.156	.058	-.016	-.431
180	943	-.164	.130	.156	-.744	180	1115	-.160	.079	.002	-.735	180	1228	-.180	.066	-.010	-.441
180	944	-.328	.249	.162	-1.293	180	1116	-.164	.081	.021	-.734	180	1229	-.167	.063	.042	-.535
180	1001	-.160	.131	.183	-.833	180	1117	-.137	.066	.011	-.596	180	1230	-.177	.066	-.010	-.532
180	1002	-.109	.105	.156	-.705	180	1118	-.131	.053	.010	-.487	180	1231	-.168	.066	.014	-.495
180	1003	-.056	.082	.216	-.524	180	1119	-.120	.041	.053	-.309	180	1232	-.187	.083	.021	-.824
180	1004	-.028	.071	.251	-.389	180	1120	-.128	.045	.030	-.354	180	1233	-.186	.095	.027	-.684
180	1005	-.019	.067	.455	-.332	180	1121	-.137	.054	.051	-.447	180	1234	-.212	.119	.032	-.868
180	1006	-.029	.068	.329	-.401	180	1122	-.176	.079	.034	-.671	180	1235	-.236	.136	.058	-1.120
180	1007	-.041	.063	.323	-.360	180	1123	-.168	.071	.019	-.564	180	1236	-.270	.154	.054	-1.130
180	1008	-.080	.066	.369	-.345	180	1124	-.163	.059	.006	-.437	180	1237	-.317	.166	.042	-1.138
180	1009	-.116	.065	.224	-.387	180	1125	-.158	.057	.053	-.420	180	1238	-.302	.175	.131	-1.325
180	1010	-.190	.092	.059	-.750	180	1126	-.164	.061	.024	-.410	180	1239	-.066	.192	.825	-.784
180	1011	-.183	.088	.090	-.908	180	1127	-.165	.064	.018	-.380	180	1241	.155	.115	.719	-.423
180	1012	-.183	.089	.050	-1.119	180	1128	-.185	.073	-.005	-.485	180	1242	.147	.098	.716	-.311
180	1013	-.178	.087	.038	-1.217	180	1129	-.192	.098	.037	-.774	180	1243	.106	.077	.503	-.133
180	1014	-.174	.080	.054	-.902	180	1130	-.218	.123	.024	-.812	180	1244	.072	.066	.388	-.144
180	1015	-.172	.091	.005	-1.109	180	1131	-.228	.134	.038	-.862	180	1245	.038	.057	.319	-.160
180	1016	-.167	.070	.003	-.605	180	1132	-.248	.142	.034	-.997	180	1246	-0.000	.055	.228	-.223
180	1017	-.156	.054	-.003	-.485	180	1133	-.318	.164	.014	-1.570	180	1247	-.059	.081	.226	-.340
180	1018	-.156	.049	.002	-.333	180	1134	-.351	.180	.048	-1.779	180	1248	-.145	.144	.223	-.745
180	1019	-.159	.053	.009	-.408	180	1135	-.073	.168	.506	-.974	180	1301	-.260	.193	.301	-.919
180	1020	-.183	.064	.089	-.498	180	1136	.147	.157	.702	-.338	180	1302	-.189	.141	.256	-1.299
180	1021	-.215	.087	-.009	-.593	180	1137	.182	.126	.660	-.171	180	1303	-.072	.108	.261	-.694
180	1022	-.213	.081	.035	-.602	180	1138	.159	.105	.570	-.144	180	1304	-.232	.128	.163	-.819
180	1023	-.196	.067	.009	-.644	180	1139	.106	.080	.413	-.128	180	1305	-.151	.135	.184	-.835
180	1024	-.207	.069	.020	-.533	180	1140	.072	.070	.409	-.117	180	1306	.131	.133	.668	-.374
180	1025	-.215	.078	-.021	-.656	180	1141	.040	.056	.280	-.146	180	1307	-.022	.101	.293	-.410
180	1026	-.233	.089	-.027	-.621	180	1142	.003	.059	.271	-.298	180	1308	.317	.223	.971	-.277
180	1027	-.240	.085	-.015	-.683	180	1143	-.063	.088	.231	-.460	180	1309	.086	.145	.686	-.511
180	1028	-.255	.099	.011	-.758	180	1144	-.125	.139	.247	-.907	180	1310	-.238	.104	.071	-.826
180	1029	-.263	.115	.020	-.926	180	1201	-.041	.101	.170	-.617	180	1311	-.050	.136	.438	-.949
180	1030	-.275	.119	.009	-1.133	180	1202	-.028	.074	.178	-.269	180	1312	-.206	.078	.133	-.658
180	1031	-.294	.132	-.015	-1.061	180	1203	-.014	.067	.191	-.317	180	1313	-.180	.064	.007	-.480
180	1032	-.342	.154	.003	-1.184	180	1204	-.017	.065	.197	-.255	0	0	0.000	0.000	0.000	0.000
180	1033	-.192	.148	.365	-.905	180	1205	-.015	.071	.311	-.244	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	101	-.533	.165	.451	-1.103	195	221	-.305	.067	-.096	-.670	195	401	-.704	.192	.151	-1.437
195	102	-.103	.069	.423	-.340	195	222	-.275	.061	-.070	-.529	195	402	-.172	.148	.226	-.790
195	103	-.069	.061	.419	-.253	195	223	-.300	.061	-.082	-.612	195	403	-.063	.069	.270	-.343
195	104	-.052	.059	.263	-.261	195	224	-.262	.059	-.059	-.543	195	404	-.020	.066	.484	-.308
195	105	-.061	.061	.309	-.267	195	225	-.276	.062	-.070	-.595	195	405	-.061	.065	.416	-.256
195	106	-.092	.062	.312	-.368	195	226	-.275	.063	-.080	-.677	195	406	-.040	.065	.336	-.210
195	107	-.234	.074	.228	-.586	195	227	-.343	.094	.075	-.760	195	407	-.099	.064	.261	-.337
195	108	-.319	.102	-.056	-1.000	195	228	-.179	.141	.604	-.303	195	408	-.143	.065	.174	-.456
195	109	-.331	.098	-.060	-.966	195	229	.574	.129	.972	.115	195	409	-.251	.086	.010	-.748
195	110	-.335	.097	-.072	-.819	195	230	.655	.121	1.000	.313	195	410	-.210	.082	.010	-.680
195	111	-.337	.100	-.040	-.817	195	231	.603	.116	.955	.202	195	411	-.226	.084	.037	-.694
195	112	-.313	.102	-.047	-.910	195	232	.590	.109	.913	.235	195	412	-.218	.090	.007	-.786
195	113	-.306	.098	-.042	-.856	195	233	.504	.103	.866	.184	195	413	-.250	.084	-.059	-.731
195	114	-.296	.088	-.070	-.814	195	234	.369	.095	.725	.002	195	414	-.215	.079	-.040	-.621
195	115	-.304	.086	-.056	-.789	195	235	-.053	.111	.452	-.367	195	415	-.235	.072	-.040	-.687
195	116	-.308	.082	-.084	-.740	195	236	-.709	.208	.066	-1.282	195	416	-.243	.064	-.054	-.612
195	117	-.323	.084	-.056	-.679	195	301	-.644	.186	.023	-1.225	195	417	-.247	.062	-.066	-.631
195	118	-.327	.088	-.077	-.675	195	302	-.111	.133	.271	-.671	195	418	-.281	.063	-.091	-.649
195	119	-.357	.110	-.063	-.784	195	303	-.057	.075	.275	-.264	195	419	-.338	.073	-.145	-.751
195	120	-.345	.105	.037	-.803	195	304	-.017	.071	.334	-.216	195	420	-.399	.104	-.095	-.927
195	121	-.345	.098	.033	-.824	195	305	-.030	.069	.344	-.235	195	421	-.373	.094	-.103	-.844
195	122	-.332	.095	-.026	-.886	195	306	-.076	.061	.263	-.256	195	422	-.338	.064	-.130	-.592
195	123	-.313	.083	-.039	-.772	195	307	-.108	.069	.371	-.332	195	423	-.335	.056	-.144	-.600
195	124	-.303	.070	-.060	-.656	195	308	-.078	.073	.442	-.318	195	424	-.323	.059	-.123	-.516
195	125	-.296	.066	-.061	-.975	195	309	-.129	.072	.266	-.412	195	425	-.296	.059	-.113	-.507
195	126	-.284	.062	-.060	-.677	195	310	-.212	.089	-.023	-.894	195	426	-.276	.061	-.078	-.563
195	127	-.283	.063	-.040	-.668	195	311	-.236	.084	-.033	-.776	195	427	-.273	.061	-.061	-.566
195	128	-.288	.064	-.074	-.561	195	312	-.197	.079	-.009	-.618	195	428	-.261	.059	-.073	-.773
195	129	-.252	.111	.163	-.630	195	313	-.208	.079	-.016	-.687	195	429	-.260	.064	-.046	-.793
195	130	.233	.130	.651	-.342	195	314	-.193	.077	.010	-.851	195	430	-.269	.064	-.046	-.832
195	131	.493	.113	.805	.060	195	315	-.239	.072	-.045	-.758	195	431	-.279	.065	-.073	-.769
195	132	.487	.107	.823	.154	195	316	-.243	.071	-.043	-.581	195	432	-.278	.062	-.086	-.752
195	133	.433	.101	.756	.096	195	317	-.272	.073	-.061	-.586	195	433	-.330	.082	-.074	-.818
195	134	.431	.097	.751	.144	195	318	-.266	.073	-.070	-.593	195	434	-.338	.095	.042	-.766
195	135	.411	.094	.728	.130	195	319	-.311	.071	-.115	-.609	195	435	-.143	.129	.262	-.573
195	136	.322	.088	.588	.040	195	320	-.307	.078	-.080	-.682	195	436	.081	.149	.536	-.516
195	137	.038	.094	.521	-.316	195	321	-.370	.097	-.087	-.837	195	437	.310	.147	.746	-.200
195	138	-.570	.170	.267	-1.082	195	322	-.365	.092	-.056	-.743	195	438	.538	.129	.921	.112
195	201	-.601	.178	.312	-1.187	195	323	-.373	.074	-.068	-.727	195	439	.603	.128	.967	.243
195	202	-.090	.115	.317	-.747	195	324	-.324	.064	-.019	-.614	195	440	.618	.123	.959	.238
195	203	-.033	.070	.374	-.263	195	325	-.327	.065	-.031	-.562	195	441	.575	.116	.938	.218
195	204	-.026	.064	.414	-.224	195	326	-.299	.061	-.124	-.541	195	442	.479	.106	.840	.149
195	205	-.073	.061	.358	-.317	195	327	-.317	.059	-.113	-.553	195	443	.287	.093	.644	-.051
195	206	-.225	.076	.103	-.563	195	328	-.270	.058	-.073	-.497	195	444	-.079	.111	.372	-.446
195	207	-.409	.132	-.053	-.949	195	329	-.274	.058	-.089	-.525	195	445	-.458	.179	.206	-.993
195	208	-.351	.111	-.037	-.875	195	330	-.258	.057	-.104	-.578	195	446	-.783	.228	-.032	-1.493
195	209	-.349	.107	-.047	-.819	195	331	-.294	.061	-.137	-.576	195	447	-.660	.183	-.090	-1.200
195	210	-.340	.107	.005	-.933	195	332	-.263	.062	-.108	-.635	195	501	-.700	.189	.098	-1.315
195	211	-.342	.102	.002	-.865	195	333	-.314	.090	.094	-.671	195	502	-.258	.190	.188	-.960
195	212	-.321	.093	-.021	-.800	195	334	.128	.136	.618	-.405	195	503	-.101	.092	.227	-.676
195	213	-.305	.085	.047	-.693	195	335	.549	.116	.878	.130	195	504	-.066	.066	.240	-.451
195	214	-.301	.076	-.011	-.570	195	336	.660	.113	1.007	.256	195	505	-.041	.066	.314	-.235
195	215	-.317	.072	-.065	-.556	195	337	.638	.108	.969	.304	195	506	-.027	.064	.331	-.189
195	216	-.321	.067	-.109	-.566	195	338	.591	.115	1.078	.242	195	507	-.059	.061	.267	-.281
195	217	-.321	.069	-.089	-.589	195	339	.474	.107	.957	.111	195	508	-.115	.058	.213	-.495
195	218	-.325	.085	-.042	-.668	195	340	.350	.097	.793	.023	195	509	-.166	.057	.144	-.543
195	219	-.338	.078	-.082	-.637	195	341	-.046	.124	.572	-.423	195	510	-.197	.078	.012	-.842
195	220	-.319	.069	-.105	-.572	195	342	-.771	.222	.118	-1.633	195	511	-.206	.074	-.010	-.752

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	512	-.216	.072	-.030	-.727	195	628	-.347	.065	-.168	-.956	195	804	-.179	.082	.150	-.499
195	513	-.196	.070	-.027	-.832	195	629	-.336	.077	-.134	-.728	195	805	-.082	.056	.166	-.261
195	514	-.181	.063	.027	-.727	195	630	-.235	.073	-.027	-.630	195	806	-.077	.049	.220	-.260
195	515	-.193	.054	.012	-.463	195	631	-.313	.103	-.046	-1.159	195	807	-.091	.043	.134	-.257
195	516	-.208	.044	-.074	-.424	195	632	-.318	.116	-.075	-1.445	195	808	-.131	.041	.074	-.315
195	517	-.215	.045	-.057	-.443	195	633	-.323	.117	-.101	-1.495	195	809	-.149	.043	.077	-.365
195	518	-.220	.047	.002	-.387	195	634	-.277	.110	-.075	-1.247	195	810	-.186	.058	.046	-.537
195	519	-.260	.049	-.034	-.418	195	635	-.396	.142	.118	-1.433	195	811	-.180	.056	.045	-.588
195	520	-.329	.063	-.054	-.539	195	636	.054	.181	.579	-.678	195	812	-.182	.056	.052	-.507
195	521	-.405	.095	-.144	-.742	195	637	.563	.156	.990	.122	195	813	-.180	.059	.010	-.712
195	522	-.378	.087	-.144	-.739	195	638	.593	.130	.986	.233	195	814	-.185	.054	.010	-.641
195	523	-.338	.061	-.100	-.615	195	639	.617	.129	1.043	.259	195	815	-.185	.048	.006	-.457
195	524	-.330	.052	-.096	-.511	195	640	.538	.120	.951	.247	195	816	-.199	.043	-.033	-.384
195	525	-.327	.059	-.115	-.590	195	701	.431	.109	.810	.139	195	817	-.202	.042	-.031	-.377
195	526	-.305	.064	-.057	-.565	195	702	.200	.078	.517	-.015	195	818	-.228	.046	.043	-.401
195	527	-.301	.067	-.020	-.730	195	703	-.222	.100	.269	-.623	195	819	-.255	.053	-.074	-.442
195	528	-.292	.067	.015	-.627	195	704	-.755	.226	-.219	-1.641	195	820	-.312	.067	-.086	-.564
195	529	-.269	.065	-.057	-.637	195	705	-.642	.189	-.137	-1.283	195	821	-.394	.095	-.086	-.798
195	530	-.255	.067	-.024	-.686	195	706	-.317	.129	.053	-.814	195	822	-.386	.087	-.111	-.746
195	531	-.273	.068	-.057	-.622	195	707	-.220	.103	.118	-.635	195	823	-.332	.063	-.153	-.605
195	532	-.290	.076	-.064	-.749	195	708	-.139	.081	.241	-.461	195	824	-.310	.053	-.151	-.604
195	533	-.340	.094	.145	-.766	195	709	-.089	.072	.348	-.367	195	825	-.300	.070	-.129	-.746
195	534	.097	.155	.615	-.556	195	710	-.043	.055	.361	-.199	195	826	-.308	.082	-.082	-1.000
195	535	.523	.132	.959	.095	195	711	-.094	.054	.202	-.272	195	827	-.294	.090	-.045	-.847
195	536	.594	.127	1.014	.201	195	712	-.143	.053	.154	-.339	195	828	-.288	.080	-.025	-.665
195	537	.584	.120	.938	.243	195	713	-.182	.061	.079	-.504	195	829	-.367	.103	-.093	-.901
195	538	.533	.111	.911	.216	195	714	-.166	.071	.050	-.642	195	830	-.322	.104	-.028	-.714
195	539	.426	.100	.751	.142	195	715	-.211	.071	.051	-.539	195	831	-.458	.188	-.034	-1.070
195	540	.218	.087	.627	-.085	195	716	-.217	.070	.027	-.548	195	832	-.504	.206	-.045	-1.184
195	541	-.164	.112	.336	-.526	195	717	-.207	.070	.022	-.560	195	833	-.234	.165	.270	-.856
195	542	-.879	.241	.019	-1.685	195	718	-.154	.053	.009	-.416	195	834	.173	.155	.700	-.375
195	601	-.668	.187	-1.106	-1.418	195	719	-.208	.067	.053	-.805	195	835	.420	.132	.898	.074
195	602	-.290	.175	.204	-.861	195	720	-.217	.053	.051	-.507	195	836	.456	.120	.881	.119
195	603	-.170	.119	.296	-.688	195	721	-.222	.050	-.010	-.396	195	837	.455	.114	.837	.027
195	604	-.076	.070	.259	-.404	195	722	-.190	.046	0.000	-.339	195	838	.423	.112	.810	.028
195	605	-.055	.064	.281	-.404	195	723	-.212	.061	-.009	-.546	195	839	.356	.113	.758	-.080
195	606	-.027	.052	.264	-.214	195	724	-.226	.053	-.033	-.493	195	840	.223	.109	.583	-.292
195	607	-.182	.119	.155	-.736	195	725	-.232	.053	.021	-.504	195	841	-.040	.118	.365	-.589
195	608	-.078	.068	.214	-.313	195	726	-.202	.047	-.015	-.462	195	842	-.527	.194	-.021	-1.387
195	609	-.055	.063	.308	-.262	195	727	-.247	.058	-.098	-.488	195	901	-.575	.178	-.128	-1.174
195	610	-.024	.052	.269	-.195	195	728	-.361	.073	-.053	-.642	195	902	-.174	.076	.042	-.629
195	611	-.117	.060	.231	-.365	195	729	-.449	.110	-.147	-.916	195	903	-.115	.052	.053	-.316
195	612	-.207	.067	.079	-.560	195	730	-.362	.088	-.125	-.735	195	904	-.068	.048	.111	-.206
195	613	-.236	.095	.619	-.995	195	731	-.374	.075	-.175	-.695	195	905	-.061	.045	.108	-.184
195	614	-.160	.079	.051	-.712	195	732	-.358	.067	-.158	-.731	195	906	-.055	.042	.102	-.180
195	615	-.233	.084	.031	-1.122	195	733	-.346	.078	-.116	-.896	195	907	-.062	.038	.077	-.183
195	616	-.238	.085	.019	-1.062	195	734	-.287	.086	-.029	-.961	195	908	-.077	.035	.212	-.188
195	617	-.222	.075	.017	-.738	195	735	.360	.116	.754	-.016	195	909	-.119	.036	.191	-.275
195	618	-.154	.056	.077	-.437	195	736	.488	.114	.899	.197	195	910	-.149	.040	.125	-.377
195	619	-.231	.050	-.012	-.418	195	737	.498	.109	.899	.180	195	911	-.170	.054	-.016	-.543
195	620	-.247	.049	-.070	-.411	195	738	.445	.103	.829	.126	195	912	-.179	.052	-.004	-.528
195	621	-.259	.053	-.043	-.438	195	739	.350	.095	.724	.093	195	913	-.174	.053	-.003	-.574
195	622	-.221	.051	-.005	-.387	195	740	.160	.076	.444	-.036	195	914	-.177	.054	.007	-.555
195	623	-.353	.072	-.087	-.615	195	741	-.160	.085	.138	-.415	195	915	-.175	.049	-.027	-.503
195	624	-.450	.106	-.096	-.933	195	742	-.566	.170	-.040	-1.153	195	916	-.169	.048	-.025	-.669
195	625	-.427	.097	-.164	-.873	195	801	-.412	.149	.012	-1.226	195	917	-.191	.043	-.004	-.539
195	626	-.284	.059	-.113	-.529	195	802	-.350	.143	.016	-1.206	195	918	-.205	.043	-.010	-.410
195	627	-.347	.059	-.175	-.546	195	803	-.398	.136	-.012	-.942	195	919	-.227	.045	-.033	-.404

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPHMS	CPMAX	CPMIN
195	920	-.252	.053	-.099	-.427	195	1034	.012	.169	.541	-.629	195	1206	.004	.067	.276	-.272
195	921	-.315	.071	-.098	-.542	195	1035	.304	.106	.833	-.015	195	1207	-.005	.063	.282	-.194
195	922	-.382	.105	-.091	-.772	195	1036	.343	.096	.807	.079	195	1208	.020	.065	.240	-.184
195	923	-.371	.095	-.111	-.712	195	1037	.309	.090	.717	.077	195	1209	-.014	.041	.122	-.155
195	924	-.314	.074	-.092	-.705	195	1038	.260	.086	.594	.033	195	1210	-.030	.039	.114	-.179
195	925	-.312	.069	-.093	-.671	195	1039	.184	.075	.498	-.047	195	1211	-.060	.037	.059	-.227
195	926	-.298	.083	-.082	-.807	195	1040	.053	.064	.409	-.172	195	1212	-.091	.040	.038	-.279
195	927	-.319	.089	-.083	-.786	195	1041	-.196	.082	.079	-.520	195	1213	-.190	.065	.011	-.581
195	928	-.361	.112	-.026	-1.026	195	1042	-.496	.200	-.041	-1.368	195	1214	-.177	.059	.015	-.555
195	929	-.343	.103	-.008	-.983	195	1101	-.769	.121	.041	-.804	195	1215	-.162	.053	.020	-.468
195	930	-.377	.104	.002	-.758	195	1102	-.169	.119	.135	-.755	195	1216	-.171	.053	.005	-.480
195	931	-.588	.176	-.081	-1.150	195	1103	-.059	.077	.169	-.345	195	1217	-.175	.055	-.018	-.584
195	932	-.617	.207	-.090	-1.320	195	1104	-.009	.063	.182	-.269	195	1218	-.178	.056	-.023	-.716
195	933	-.630	.213	-.132	-1.380	195	1105	.015	.060	.237	-.228	195	1219	-.174	.051	-.011	-.698
195	934	-.673	.235	-.149	-1.345	195	1106	-.004	.055	.223	-.187	195	1220	-.190	.048	-.031	-.504
195	935	-.511	.180	.077	-1.105	195	1107	-.024	.044	.146	-.170	195	1221	-.194	.049	-.028	-.426
195	936	-.010	.171	.579	-.542	195	1108	-.049	.040	.108	-.188	195	1222	-.213	.053	.007	-.403
195	937	.334	.115	.805	.006	195	1109	-.084	.040	.056	-.275	195	1223	-.232	.068	-.038	-.515
195	938	.397	.108	.786	.085	195	1110	-.133	.045	.003	-.492	195	1224	-.280	.102	-.057	-.842
195	939	.392	.105	.725	.044	195	1111	-.201	.065	-.038	-.892	195	1225	-.289	.102	-.089	-.907
195	940	.344	.097	.659	.040	195	1112	-.193	.062	-.049	-.834	195	1226	-.228	.006	-.207	-.248
195	941	.259	.087	.556	.002	195	1113	-.184	.058	-.046	-.518	195	1227	-.231	.057	.015	-.522
195	942	.113	.076	.406	-.134	195	1114	-.193	.060	-.027	-.533	195	1228	-.257	.064	-.055	-.607
195	943	-.218	.101	.163	-.561	195	1115	-.191	.057	-.056	-.533	195	1229	-.243	.057	-.085	-.608
195	944	-.701	.217	.153	-1.444	195	1116	-.191	.055	-.030	-.574	195	1230	-.257	.059	-.085	-.525
195	1001	-.467	.168	.021	-1.129	195	1117	-.188	.048	.015	-.370	195	1231	-.243	.058	-.038	-.473
195	1002	-.212	.112	.081	-.749	195	1118	-.199	.047	-.036	-.432	195	1232	-.274	.077	-.075	-.556
195	1003	-.101	.077	.115	-.504	195	1119	-.199	.045	-.005	-.380	195	1233	-.276	.080	-.036	-.695
195	1004	-.043	.051	.129	-.275	195	1120	-.221	.046	.051	-.408	195	1234	-.314	.109	-.024	-1.057
195	1005	-.033	.042	.123	-.204	195	1121	-.239	.059	-.083	-.533	195	1235	-.322	.124	.018	-1.117
195	1006	-.044	.037	.112	-.185	195	1122	-.278	.086	-.095	-.794	195	1236	-.354	.131	-.011	-1.090
195	1007	-.061	.033	.091	-.172	195	1123	-.261	.078	-.080	-.718	195	1237	-.416	.164	-.015	-1.468
195	1008	-.107	.034	.027	-.278	195	1124	-.253	.063	-.069	-.612	195	1238	-.459	.181	.013	-1.313
195	1009	-.141	.040	-.015	-.371	195	1125	-.239	.063	-.023	-.636	195	1239	-.246	.235	.615	-1.163
195	1010	-.177	.054	-.012	-.539	195	1126	-.246	.064	-.057	-.608	195	1241	.252	.091	.613	-.109
195	1011	-.174	.054	-.005	-.564	195	1127	-.250	.063	-.038	-.506	195	1242	.327	.087	.674	-.093
195	1012	-.184	.057	-.008	-.597	195	1128	-.284	.074	-.049	-.597	195	1243	.330	.095	.737	.011
195	1013	-.186	.058	-.009	-.678	195	1129	-.303	.086	-.057	-.825	195	1244	.301	.098	.711	.051
195	1014	-.183	.055	.018	-.590	195	1130	-.339	.112	-.055	-.933	195	1245	.246	.085	.653	.008
195	1015	-.180	.049	.018	-.404	195	1131	-.341	.124	-.023	-.905	195	1246	.145	.078	.494	-.080
195	1016	-.198	.047	-.023	-.392	195	1132	-.363	.129	-.036	-1.054	195	1247	-.038	.091	.323	-.349
195	1017	-.210	.047	-.015	-.377	195	1133	-.418	.139	-.082	-1.002	195	1248	-.291	.165	.173	-1.093
195	1018	-.223	.048	-.068	-.407	195	1134	-.468	.156	-.108	-1.108	195	1301	-.417	.106	-.146	-.989
195	1019	-.230	.051	-.070	-.460	195	1135	-.245	.173	.648	-.814	195	1302	-.320	.098	.044	-.742
195	1020	-.257	.065	-.077	-.530	195	1136	.102	.179	.675	-.467	195	1303	-.406	.122	.123	-.956
195	1021	-.283	.093	-.053	-.900	195	1137	.278	.102	.657	-.104	195	1304	-.381	.103	-.132	-.912
195	1022	-.279	.084	-.070	-.824	195	1138	.302	.088	.664	.049	195	1305	-.449	.107	-.158	-.973
195	1023	-.268	.069	-.056	-.568	195	1139	.283	.080	.635	.093	195	1306	.253	.092	.616	.028
195	1024	-.271	.065	-.067	-.577	195	1140	.249	.079	.582	.020	195	1307	-.218	.087	.107	-.495
195	1025	-.278	.069	-.046	-.543	195	1141	.206	.076	.538	.034	195	1308	.461	.123	.851	-.018
195	1026	-.293	.076	-.058	-.707	195	1142	.103	.074	.476	-.067	195	1309	.134	.090	.484	-.149
195	1027	-.345	.089	-.105	-.714	195	1143	-.082	.082	.235	-.364	195	1310	-.331	.098	-.021	-.754
195	1028	-.421	.114	-.074	-.864	195	1144	-.291	.133	.109	-.928	195	1311	-.176	.102	.293	-.598
195	1029	-.443	.131	-.081	-.998	195	1201	-.142	.128	.225	-.731	195	1312	-.341	.098	-.039	-.959
195	1030	-.450	.139	-.103	-1.105	195	1202	-.044	.089	.264	-.346	195	1313	-.321	.070	-.079	-.640
195	1031	-.478	.166	-.079	-1.182	195	1203	-.013	.072	.232	-.245	0	0	0.000	0.000	0.000	0.000
195	1032	-.546	.197	-.077	-1.311	195	1204	-.016	.067	.210	-.259	0	0	0.000	0.000	0.000	0.000
195	1033	-.379	.172	.305	-1.112	195	1205	-.004	.068	.254	-.269						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	101	-.934	.170	-.262	-1.776	210	221	-.471	.152	-.021	-1.461	210	401	-.823	.166	-.355	-1.453
210	102	-.359	.076	-.133	-.691	210	222	-.422	.129	-.148	-1.091	210	402	-.575	.205	-.057	-1.141
210	103	-.262	.059	-.099	-.542	210	223	-.392	.121	-.135	-1.028	210	403	-.336	.167	-.053	-1.008
210	104	-.213	.046	-.067	-.481	210	224	-.381	.114	-.138	-.970	210	404	-.150	.052	.013	-.493
210	105	-.194	.043	-.021	-.469	210	225	-.388	.113	-.115	-1.038	210	405	-.118	.036	.050	-.278
210	106	-.192	.042	-.010	-.409	210	226	-.489	.146	.778	-1.204	210	406	-.111	.033	.020	-.270
210	107	-.274	.058	-.068	-.493	210	227	-.111	.178	.430	-.903	210	407	-.139	.034	-.017	-.272
210	108	-.292	.071	-.065	-.601	210	228	.448	.151	.890	-.143	210	408	-.155	.036	-.013	-.305
210	109	-.294	.074	-.012	-.560	210	229	.636	.118	1.006	.228	210	409	-.170	.048	.007	-.416
210	110	-.295	.075	-.058	-.551	210	230	.593	.136	.950	.128	210	410	-.159	.046	.012	-.350
210	111	-.291	.076	-.053	-.556	210	231	.538	.108	.880	.140	210	411	-.175	.047	-.017	-.396
210	112	-.268	.076	-.046	-.703	210	232	.460	.098	.763	.128	210	412	-.172	.047	-.015	-.371
210	113	-.278	.079	-.056	-.722	210	233	.343	.091	.653	.055	210	413	-.168	.045	-.037	-.347
210	114	-.290	.081	-.003	-1.004	210	234	.159	.076	.461	-.112	210	414	-.172	.045	-.045	-.340
210	115	-.317	.104	.005	-1.081	210	235	-.316	.083	.058	-.578	210	415	-.208	.048	-.060	-.381
210	116	-.346	.134	.012	-1.999	210	236	-1.018	.175	-.456	-1.708	210	416	-.216	.061	.030	-.768
210	117	-.364	.133	.009	-1.400	210	301	-.896	.149	-.496	-1.474	210	417	-.219	.070	.056	-.488
210	118	-.358	.118	.050	-.953	210	302	-.575	.215	-.090	-1.151	210	418	-.250	.084	.084	-.570
210	119	-.378	.128	.055	-1.088	210	303	-.277	.140	-.047	-.895	210	419	-.298	.107	.071	-.883
210	120	-.387	.144	.062	-.977	210	304	-.171	.059	.005	-.578	210	420	-.366	.139	.091	-.948
210	121	-.428	.167	.050	-1.276	210	305	-.154	.040	.022	-.381	210	421	-.345	.129	.106	-.883
210	122	-.456	.173	.065	-1.278	210	306	-.165	.037	.188	-.290	210	422	-.336	.106	.116	-.813
210	123	-.459	.157	.003	-1.134	210	307	-.153	.040	.230	-.327	210	423	-.375	.112	.123	-.852
210	124	-.450	.119	-.123	-1.083	210	308	-.139	.041	.302	-.323	210	424	-.417	.124	.115	-1.147
210	125	-.455	.106	-.173	-.909	210	309	-.158	.044	.198	-.348	210	425	-.457	.141	.069	-1.348
210	126	-.446	.099	-.190	-.816	210	310	-.182	.051	-.032	-.411	210	426	-.431	.133	-.113	-1.772
210	127	-.441	.098	-.190	-.821	210	311	-.164	.051	-.003	-.366	210	427	-.405	.122	-.101	-1.281
210	128	-.484	.116	-.185	-.955	210	312	-.157	.051	-.005	-.358	210	428	-.394	.122	-.111	-1.007
210	129	-.020	.163	.406	-.722	210	313	-.171	.051	-.007	-.380	210	429	-.395	.128	-.094	-1.017
210	130	.426	.138	.814	-.139	210	314	-.175	.051	-.025	-.420	210	430	-.397	.124	-.111	-.962
210	131	.485	.115	.830	.007	210	315	-.185	.052	-.025	-.413	210	431	-.420	.130	-.106	-1.063
210	132	.399	.108	.712	.019	210	316	-.205	.058	-.012	-.461	210	432	-.465	.130	-.133	-1.179
210	133	.310	.097	.690	.021	210	317	-.230	.061	.012	-.483	210	433	-.444	.144	.076	-1.071
210	134	.292	.086	.582	.005	210	318	-.232	.070	.033	-.611	210	434	-.190	.175	.314	-.876
210	135	.255	.082	.518	-.017	210	319	-.240	.084	.083	-.633	210	435	.093	.181	.613	-.648
210	136	.124	.070	.351	-.106	210	320	-.271	.104	.065	-.761	210	436	.346	.176	.861	-.516
210	137	-.247	.075	.031	-.493	210	321	-.337	.137	.092	-.970	210	437	.522	.158	.945	-.189
210	138	-.986	.171	-.395	-1.448	210	322	-.327	.124	.155	-.755	210	438	.631	.131	1.029	.133
210	201	-.899	.143	-.431	-1.516	210	323	-.317	.119	.148	-.780	210	439	.619	.120	1.001	.213
210	202	-.544	.213	-.055	-1.194	210	324	-.345	.122	.113	-.895	210	440	.542	.108	.920	.169
210	203	-.264	.099	.005	-.825	210	325	-.392	.119	.132	-.850	210	441	.462	.098	.818	.154
210	204	-.158	.036	.044	-.294	210	326	-.459	.132	.012	-1.139	210	442	.329	.087	.658	.081
210	205	-.170	.037	.015	-.320	210	327	-.443	.136	.033	-1.089	210	443	.104	.073	.412	-.164
210	206	-.262	.057	-.086	-.457	210	328	-.411	.126	.068	-1.108	210	444	-.328	.084	.064	-.668
210	207	-.331	.088	-.070	-.650	210	329	-.401	.123	-.083	-1.241	210	445	-.748	.135	-.316	-1.260
210	208	-.290	.076	-.063	-.592	210	330	-.387	.118	-.145	-1.246	210	446	-.993	.198	-.472	-1.723
210	209	-.288	.076	-.068	-.539	210	331	-.373	.118	-.130	-1.233	210	447	-.879	.154	-.476	-1.488
210	210	-.281	.077	-.039	-.571	210	332	-.446	.129	-.160	-1.269	210	501	-.797	.172	-.408	-1.557
210	211	-.282	.073	-.056	-.590	210	333	-.165	.164	.318	-.728	210	502	-.610	.189	-.096	-1.277
210	212	-.269	.067	-.027	-.544	210	334	.388	.171	.801	-.282	210	503	-.393	.190	-.027	-1.181
210	213	-.272	.069	-.015	-.530	210	335	.637	.124	1.031	.235	210	504	-.239	.117	.017	-.815
210	214	-.285	.076	.002	-.578	210	336	.635	.111	.995	.262	210	505	-.146	.062	.030	-.540
210	215	-.320	.087	.021	-.648	210	337	.536	.100	.880	.212	210	506	-.100	.040	.067	-.314
210	216	-.339	.099	-.009	-.767	210	338	.466	.099	.778	.182	210	507	-.109	.034	.027	-.245
210	217	-.355	.111	.007	-.801	210	339	.356	.088	.678	.098	210	508	-.136	.032	-.015	-.256
210	218	-.391	.127	-.045	-.879	210	340	.161	.074	.410	-.058	210	509	-.157	.038	-.019	-.312
210	219	-.416	.128	.007	-1.015	210	341	-.305	.083	.108	-.585	210	510	-.158	.050	-.003	-.397
210	220	-.432	.129	.009	-1.083	210	342	-.987	.184	-.460	-1.618	210	511	-.162	.047	0.000	-.371

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	512	-.170	.047	-.010	-.403	210	628	-.491	.126	-.126	-1.206	210	804	-.239	.088	.012	-.613
210	513	-.155	.045	-.017	-.444	210	629	-.498	.134	-.128	-1.383	210	805	-.122	.045	.027	-.298
210	514	-.149	.043	-.007	-.407	210	630	-.471	.130	-.128	-1.293	210	806	-.105	.034	.047	-.233
210	515	-.167	.042	.003	-.386	210	631	-.381	.184	.367	-1.151	210	807	-.101	.028	.029	-.212
210	516	-.194	.044	-.037	-.496	210	632	.238	.199	.895	-.516	210	808	-.119	.027	.021	-.235
210	517	-.202	.044	-.059	-.391	210	633	.638	.151	1.161	.126	210	809	-.121	.028	-.029	-.218
210	518	-.210	.049	-.037	-.380	210	634	.605	.117	.961	.277	210	810	-.145	.038	-.033	-.297
210	519	-.244	.059	-.035	-.427	210	635	.573	.116	.916	.253	210	811	-.140	.036	-.035	-.309
210	520	-.301	.082	-.027	-.559	210	636	.458	.102	.768	.178	210	812	-.141	.037	-.032	-.309
210	521	-.349	.120	.034	-.771	210	637	.319	.090	.614	.081	210	813	-.130	.036	-.012	-.300
210	522	-.330	.109	.051	-.726	210	638	.076	.069	.353	-.123	210	814	-.142	.033	-.021	-.291
210	523	-.319	.085	.073	-.606	210	639	-.392	.101	-.031	-.753	210	815	-.153	.034	-.041	-.351
210	524	-.358	.094	.079	-.805	210	640	-.857	.190	-.346	-1.552	210	816	-.178	.037	-.057	-.357
210	525	-.423	.114	.056	-.856	210	701	-.910	.228	-.294	-1.616	210	817	-.191	.045	-.051	-.458
210	526	-.472	.132	.074	-1.053	210	702	-.461	.151	-.087	-.971	210	818	-.210	.051	-.039	-.426
210	527	-.489	.142	.015	-1.082	210	703	-.407	.123	-.078	-.907	210	819	-.222	.061	-.039	-.434
210	528	-.463	.132	-.088	-1.267	210	704	-.295	.086	-.062	-.630	210	820	-.249	.078	.018	-.562
210	529	-.398	.114	-.091	-1.360	210	705	-.212	.062	.010	-.426	210	821	-.267	.101	-.011	-.803
210	530	-.377	.110	-.069	-.911	210	706	-.116	.037	.052	-.254	210	822	-.278	.094	.050	-.828
210	531	-.390	.111	-.066	-.980	210	707	-.138	.033	-.017	-.267	210	823	-.282	.086	.068	-.938
210	532	-.458	.127	-.133	-1.131	210	708	-.155	.032	-.052	-.270	210	824	-.332	.095	.038	-.857
210	533	-.260	.171	.309	-.894	210	709	-.168	.037	-.052	-.312	210	825	-.387	.108	-.050	-1.092
210	534	.295	.173	.818	-.275	210	710	-.134	.041	.010	-.305	210	826	-.481	.123	-.101	-1.254
210	535	.577	.134	1.014	.187	210	711	-.174	.044	-.038	-.367	210	827	-.478	.125	-.152	-1.388
210	536	.577	.123	.999	.265	210	712	-.178	.044	-.024	-.377	210	828	-.436	.111	-.148	-1.084
210	537	.527	.110	.921	.265	210	713	-.165	.044	.003	-.351	210	829	-.549	.145	-.154	-1.233
210	538	.444	.098	.840	.206	210	714	-.135	.036	.035	-.275	210	830	-.522	.136	-.185	-1.028
210	539	.310	.088	.682	.084	210	715	-.189	.041	-.019	-.369	210	831	-.773	.160	-.321	-1.337
210	540	.060	.075	.375	-.113	210	716	-.218	.044	-.067	-.395	210	832	-.695	.160	-.221	-1.275
210	541	-.348	.090	-.062	-.751	210	717	-.228	.050	-.059	-.441	210	833	-.128	.178	.420	-.836
210	542	-.946	.231	-.417	-1.890	210	718	-.200	.050	-.014	-.462	210	834	.301	.154	.801	-.193
210	601	-.856	.178	-.408	-1.544	210	719	-.280	.070	-.010	-.646	210	835	.456	.127	.830	.083
210	602	-.608	.190	-.111	-1.191	210	720	-.331	.095	-.017	-.741	210	836	.451	.115	.788	.104
210	603	-.415	.168	-.047	-1.080	210	721	-.383	.135	-.031	-1.000	210	837	.426	.106	.757	.136
210	604	-.184	.059	.016	-.490	210	722	-.322	.108	.092	-.800	210	838	.372	.090	.672	-.084
210	605	-.140	.044	.055	-.329	210	723	-.380	.105	.223	-1.282	210	839	.292	.083	.595	-.202
210	606	-.104	.032	.069	-.225	210	724	-.438	.118	.095	-1.483	210	840	.140	.078	.429	-.244
210	607	-.143	.036	-.019	-.296	210	725	-.508	.132	.003	-1.426	210	841	-.176	.110	.224	-.673
210	608	-.190	.043	-.047	-.360	210	726	-.506	.127	-.133	-1.087	210	842	-.786	.235	-.202	-1.504
210	609	-.192	.056	.005	-.431	210	727	-.592	.145	-.213	-1.686	210	901	-.757	.198	-.206	-1.426
210	610	-.141	.046	.021	-.351	210	728	-.575	.141	-.168	-1.450	210	902	-.306	.139	-.032	-1.030
210	611	-.183	.051	-.036	-.469	210	729	-.533	.132	-.164	-1.312	210	903	-.196	.069	-.012	-.610
210	612	-.184	.048	.016	-.453	210	730	-.444	.110	-.107	-1.038	210	904	-.133	.042	.021	-.268
210	613	-.179	.044	.022	-.334	210	731	-.505	.132	-.116	-1.165	210	905	-.120	.036	.042	-.242
210	614	-.150	.036	-.033	-.232	210	732	-.489	.129	-.111	-1.151	210	906	-.106	.032	.048	-.218
210	615	-.215	.043	-.021	-.571	210	733	-.359	.174	.204	-1.068	210	907	-.098	.028	.062	-.203
210	616	-.240	.045	-.042	-.433	210	734	.086	.186	.599	-.763	210	908	-.093	.024	.029	-.166
210	617	-.257	.052	-.088	-.521	210	735	.407	.129	.795	-.066	210	909	-.113	.025	0.000	-.245
210	618	-.241	.057	-.010	-.504	210	736	.485	.119	.887	.101	210	910	-.127	.030	-.039	-.322
210	619	-.343	.092	-.042	-.668	210	737	.436	.103	.795	.110	210	911	-.132	.038	.017	-.431
210	620	-.427	.137	-.048	-.867	210	738	.348	.092	.711	.026	210	912	-.139	.038	-.018	-.405
210	621	-.411	.124	.029	-.812	210	739	.232	.078	.507	-.029	210	913	-.137	.040	.011	-.432
210	622	-.323	.085	.092	-.642	210	740	.027	.066	.253	-.176	210	914	-.138	.039	-.005	-.407
210	623	-.422	.099	-.005	-.794	210	741	-.333	.101	-.008	-.629	210	915	-.146	.037	.009	-.321
210	624	-.486	.112	.005	-.950	210	742	-.861	.205	-.309	-1.568	210	916	-.155	.039	-.048	-.318
210	625	-.534	.132	.100	-1.277	210	801	-.628	.184	-.178	-1.250	210	917	-.184	.046	-.048	-.443
210	626	-.432	.120	-.102	-1.099	210	802	-.471	.138	-.113	-1.036	210	918	-.189	.048	-.053	-.444
210	627	-.496	.126	-.126	-1.141	210	803	-.468	.151	-.110	-.961	210	919	-.195	.055	-.023	-.488

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	920	-.194	.063	-.004	-.634	210	1034	.088	.181	.696	-.472	210	1206	-.118	.055	.127	-.310
210	921	-.210	.070	.014	-.507	210	1035	.359	.113	.733	.058	210	1207	-.111	.045	.120	-.273
210	922	-.222	.078	-.017	-.604	210	1036	.384	.102	.742	.143	210	1208	-.042	.064	.189	-.282
210	923	-.231	.074	.044	-.565	210	1037	.333	.089	.625	.114	210	1209	-.082	.038	.076	-.240
210	924	-.230	.075	.065	-.539	210	1038	.269	.083	.561	.008	210	1210	-.082	.037	.064	-.221
210	925	-.278	.087	.063	-.669	210	1039	.181	.066	.477	.008	210	1211	-.087	.038	.025	-.283
210	926	-.344	.097	.105	-1.036	210	1040	.016	.065	.294	-.168	210	1212	-.105	.043	.012	-.371
210	927	-.375	.088	-.139	-.748	210	1041	-.314	.095	.062	-.641	210	1213	-.154	.060	.035	-.567
210	928	-.412	.104	.021	-1.111	210	1042	-.724	.214	-.201	-1.662	210	1214	-.145	.054	.031	-.525
210	929	-.410	.095	-.064	-.855	210	1101	-.495	.139	-.123	-1.018	210	1215	-.134	.049	.030	-.459
210	930	-.540	.123	-.163	-1.516	210	1102	-.320	.161	.002	-.904	210	1216	-.143	.050	.018	-.441
210	931	-.692	.141	-.308	-1.295	210	1103	-.157	.075	.061	-.517	210	1217	-.141	.046	.002	-.392
210	932	-.719	.148	-.302	-1.277	210	1104	-.110	.054	.067	-.370	210	1218	-.149	.045	.010	-.344
210	933	-.741	.157	-.299	-1.371	210	1105	-.104	.044	.084	-.401	210	1219	-.163	.047	.003	-.384
210	934	-.815	.175	-.347	-1.539	210	1106	-.112	.040	.050	-.325	210	1220	-.187	.053	-.054	-.456
210	935	-.373	.190	.293	-1.010	210	1107	-.096	.032	.027	-.248	210	1221	-.187	.049	-.048	-.422
210	936	.164	.184	.791	-.389	210	1108	-.097	.030	.015	-.245	210	1222	-.191	.047	-.030	-.408
210	937	.404	.124	.797	.085	210	1109	-.106	.034	.014	-.251	210	1223	-.193	.051	-.036	-.389
210	938	.425	.106	.797	.160	210	1110	-.125	.040	.009	-.357	210	1224	-.210	.058	-.036	-.507
210	939	.373	.091	.733	.142	210	1111	-.153	.056	.014	-.684	210	1225	-.180	.053	.021	-.501
210	940	.314	.085	.680	.091	210	1112	-.149	.053	.006	-.620	210	1226	-.191	.050	.020	-.402
210	941	.217	.077	.553	-.002	210	1113	-.146	.056	.015	-.567	210	1227	-.192	.050	.010	-.415
210	942	.046	.074	.381	-.195	210	1114	-.147	.058	.003	-.655	210	1228	-.219	.060	.056	-.463
210	943	-.354	.109	.008	-.760	210	1115	-.145	.048	.017	-.570	210	1229	-.202	.064	.077	-.405
210	944	-.890	.203	-.340	-1.652	210	1116	-.157	.044	.002	-.350	210	1230	-.236	.070	-.033	-.487
210	1001	-.638	.155	-.239	-1.327	210	1117	-.176	.049	-.051	-.425	210	1231	-.240	.072	0.000	-.478
210	1002	-.359	.155	-.041	-.961	210	1118	-.191	.053	-.076	-.530	210	1232	-.310	.104	.008	-.963
210	1003	-.213	.098	.035	-.629	210	1119	-.179	.048	-.044	-.397	210	1233	-.346	.114	.049	-.878
210	1004	-.128	.046	.043	-.419	210	1120	-.190	.048	-.053	-.456	210	1234	-.461	.140	-.040	-1.308
210	1005	-.105	.034	.047	-.289	210	1121	-.206	.053	.008	-.407	210	1235	-.507	.153	-.166	-1.253
210	1006	-.101	.029	.026	-.210	210	1122	-.221	.057	.008	-.445	210	1236	-.554	.171	-.171	-1.332
210	1007	-.100	.026	.002	-.209	210	1123	-.191	.051	.012	-.431	210	1237	-.595	.194	-.191	-1.487
210	1008	-.113	.028	-.017	-.248	210	1124	-.191	.056	.059	-.384	210	1238	-.636	.199	-.104	-1.731
210	1009	-.123	.033	.015	-.329	210	1125	-.193	.060	.016	-.427	210	1239	-.380	.226	.632	-1.112
210	1010	-.139	.044	.055	-.520	210	1126	-.211	.074	.051	-.502	210	1241	.257	.104	.721	-.018
210	1011	-.138	.046	.046	-.494	210	1127	-.239	.089	.056	-.782	210	1242	.310	.090	.741	.072
210	1012	-.141	.049	-.005	-.503	210	1128	-.314	.103	.048	-.723	210	1243	.296	.083	.660	.072
210	1013	-.141	.044	-.021	-.571	210	1129	-.396	.107	-.046	-.860	210	1244	.255	.078	.649	.038
210	1014	-.157	.038	-.049	-.399	210	1130	-.495	.137	-.115	-1.237	210	1245	.186	.065	.484	.010
210	1015	-.175	.042	-.029	-.353	210	1131	-.505	.148	-.137	-1.466	210	1246	.057	.063	.295	-.097
210	1016	-.201	.050	-.011	-.463	210	1132	-.519	.149	-.163	-1.151	210	1247	-.172	.097	.089	-.532
210	1017	-.201	.051	-.053	-.439	210	1133	-.589	.168	-.209	-1.390	210	1248	-.519	.194	-.038	-1.357
210	1018	-.202	.052	-.005	-.425	210	1134	-.667	.183	-.268	-1.408	210	1301	-.530	.094	-.286	-1.061
210	1019	-.204	.059	-.020	-.472	210	1135	-.315	.191	.347	-.940	210	1302	-.294	.093	.007	-.621
210	1020	-.219	.064	-.043	-.545	210	1136	.119	.194	.782	-.530	210	1303	-.273	.120	.180	-.749
210	1021	-.226	.067	-.047	-.623	210	1137	.315	.119	.815	-.044	210	1304	-.629	.102	-.284	-1.174
210	1022	-.220	.062	-.029	-.480	210	1138	.326	.096	.422	.081	210	1305	-.586	.087	-.234	-.967
210	1023	-.209	.060	-.017	-.533	210	1139	.287	.078	.679	.087	210	1306	.118	.074	.402	-.079
210	1024	-.225	.067	.044	-.648	210	1140	.237	.074	.573	.035	210	1307	-.404	.100	-.099	-.725
210	1025	-.245	.071	-.014	-.568	210	1141	.170	.064	.527	.015	210	1308	.530	.139	1.049	.084
210	1026	-.292	.081	-.015	-.626	210	1142	.031	.062	.364	-.155	210	1309	.071	.087	.325	-.284
210	1027	-.441	.099	-.015	-.853	210	1143	-.217	.090	.049	-.655	210	1310	-.284	.073	-.017	-.539
210	1028	-.563	.115	-.670	-1.126	210	1144	-.528	.166	-.160	-1.255	210	1311	-.209	.073	.074	-.551
210	1029	-.592	.132	-.201	-1.409	210	1201	-.263	.123	.084	-.909	210	1312	-.310	.113	.113	-.873
210	1030	-.594	.138	-.204	-1.423	210	1202	-.184	.078	.091	-.499	210	1313	-.337	.106	.115	-.830
210	1031	-.630	.152	-.311	-1.446	210	1203	-.128	.063	.081	-.354	0	0	0.000	0.000	0.000	0.000
210	1032	-.707	.174	-.314	-1.578	210	1204	-.134	.058	.056	-.351	0	0	0.000	0.000	0.000	0.000
210	1033	-.371	.174	.210	-.971	210	1205	-.129	.060	.107	-.336						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	101	-.722	.125	-.394	-1.359	225	221	-.218	.041	-.033	-.582	225	401	-.524	.107	-.281	-1.488
225	102	-.455	.090	-.195	-.854	225	222	-.390	.145	-.162	-.981	225	402	-.540	.100	-.194	-1.158
225	103	-.356	.086	-.135	-.676	225	223	-.686	.211	-.214	-1.396	225	403	-.515	.127	-.083	-1.050
225	104	-.279	.084	-.015	-.674	225	224	-.923	.169	-.386	-1.471	225	404	-.255	.129	.130	-.752
225	105	-.221	.081	.027	-.589	225	225	-1.019	.220	-.399	-1.751	225	405	-.105	.082	.158	-.467
225	106	-.152	.059	.026	-.496	225	226	-.616	.180	-.066	-1.234	225	406	-.054	.057	.222	-.342
225	107	-.155	.049	.009	-.488	225	227	.212	.189	.723	-.484	225	407	-.077	.050	.137	-.339
225	108	-.170	.050	.005	-.402	225	228	.622	.136	1.013	.180	225	408	-.094	.044	.116	-.362
225	109	-.155	.052	.007	-.490	225	229	.615	.113	.939	.266	225	409	-.135	.077	.066	-.480
225	110	-.133	.040	.005	-.467	225	230	.546	.098	.860	.185	225	410	-.108	.064	.076	-.391
225	111	-.131	.036	-.021	-.279	225	231	.430	.084	.728	.143	225	411	-.119	.060	.044	-.430
225	112	-.141	.038	-.027	-.407	225	232	.346	.074	.600	.110	225	412	-.116	.055	.046	-.431
225	113	-.183	.042	-.031	-.346	225	233	.226	.066	.440	.022	225	413	-.121	.067	.061	-.521
225	114	-.258	.055	-.096	-.423	225	234	.062	.057	.361	-.103	225	414	-.126	.066	.066	-.561
225	115	-.368	.083	-.135	-.616	225	235	-.314	.064	-.088	-.531	225	415	-.147	.058	.022	-.529
225	116	-.528	.127	-.200	-.911	225	236	-.672	.121	-.317	-1.200	225	416	-.150	.050	.014	-.483
225	117	-.665	.160	-.235	-1.224	225	301	-.608	.101	-.260	-1.138	225	417	-.147	.048	.021	-.507
225	118	-.773	.185	-.289	-1.383	225	302	-.621	.105	-.201	-.998	225	418	-.147	.052	.026	-.424
225	119	-.809	.211	-.284	-1.655	225	303	-.533	.132	.019	-.998	225	419	-.164	.054	-.018	-.466
225	120	-.500	.089	-.241	-.876	225	304	-.371	.139	.037	-.883	225	420	-.177	.055	-.043	-.454
225	121	-.300	.046	-.176	-.573	225	305	-.243	.112	.062	-.678	225	421	-.176	.048	-.024	-.445
225	122	-.212	.032	-.120	-.431	225	306	-.092	.061	.131	-.389	225	422	-.148	.044	.027	-.413
225	123	-.207	.035	-.110	-.401	225	307	-.036	.060	.157	-.369	225	423	-.155	.049	.054	-.485
225	124	-.240	.051	-.135	-.592	225	308	-.068	.058	.110	-.364	225	424	-.175	.056	.081	-.580
225	125	-.399	.118	-.181	-.902	225	309	-.116	.056	.054	-.418	225	425	-.237	.108	.084	-.890
225	126	-.910	.153	-.435	-1.510	225	310	-.169	.075	.034	-.571	225	426	-.559	.192	-.126	-1.183
225	127	-1.063	.176	-.531	-1.703	225	311	-.135	.060	.042	-.467	225	427	-.731	.149	-.199	-1.323
225	128	-.404	.157	.062	-1.063	225	312	-.128	.052	.096	-.386	225	428	-.786	.155	-.282	-1.341
225	129	.337	.153	.731	-.341	225	313	-.170	.066	.024	-.568	225	429	-.814	.164	-.376	-1.497
225	130	.545	.116	.885	.149	225	314	-.166	.065	.042	-.469	225	430	-.808	.170	-.367	-1.462
225	131	.443	.098	.736	.091	225	315	-.170	.094	.111	-.627	225	431	-.919	.174	-.384	-1.625
225	132	.349	.082	.618	.074	225	316	-.166	.099	.125	-.720	225	432	-.614	.167	-.018	-1.248
225	133	.240	.072	.488	.007	225	317	-.164	.089	.115	-.576	225	433	-.286	.198	.338	-.998
225	134	.217	.065	.416	-.022	225	318	-.135	.059	.049	-.521	225	434	.132	.193	.670	-.583
225	135	.172	.059	.426	-.067	225	319	-.129	.046	.042	-.364	225	435	.383	.163	.910	-.171
225	136	.042	.051	.228	-.139	225	320	-.131	.046	.017	-.393	225	436	.552	.146	.993	-.049
225	137	-.290	.056	-.077	-.467	225	321	-.158	.052	-.003	-.531	225	437	.617	.126	1.008	.171
225	138	-.802	.154	-.354	-1.373	225	322	-.147	.049	-.005	-.418	225	438	.632	.113	.987	.290
225	201	-.646	.113	-.310	-1.108	225	323	-.134	.043	.088	-.406	225	439	.547	.098	.850	.228
225	202	-.639	.109	-.298	-1.073	225	324	-.172	.041	.047	-.464	225	440	.432	.084	.786	.171
225	203	-.518	.122	-.135	-.914	225	325	-.247	.044	-.019	-.517	225	441	.339	.075	.665	.108
225	204	-.218	.091	.058	-.573	225	326	-.224	.058	0.000	-.524	225	442	.226	.066	.486	.019
225	205	-.127	.061	.113	-.459	225	327	-.290	.108	-.044	-.836	225	443	.033	.056	.258	-.209
225	206	-.094	.043	.075	-.348	225	328	-.418	.162	-.118	-1.084	225	444	-.285	.058	-.075	-.520
225	207	-.093	.042	.046	-.375	225	329	-.699	.194	-.196	-1.416	225	445	-.550	.092	-.304	-1.001
225	208	-.082	.044	.060	-.277	225	330	-.940	.186	-.399	-1.583	225	446	-.587	.120	-.285	-1.275
225	209	-.095	.063	.068	-.358	225	331	-1.014	.243	-.351	-1.812	225	447	-.565	.103	-.312	-1.089
225	210	-.088	.039	.055	-.264	225	332	-.638	.182	-.029	-1.332	225	501	-.586	.108	-.324	-1.086
225	211	-.105	.038	.022	-.265	225	333	.135	.196	.659	-.833	225	502	-.595	.108	-.171	-1.039
225	212	-.131	.040	.046	-.277	225	334	.593	.136	.951	.005	225	503	-.528	.152	-.080	-1.076
225	213	-.200	.049	-.019	-.438	225	335	.639	.111	.976	.283	225	504	-.378	.164	.051	-.966
225	214	-.269	.055	-.087	-.478	225	336	.578	.098	.917	.283	225	505	-.233	.124	.140	-.826
225	215	-.395	.074	-.135	-.777	225	337	.443	.084	.762	.197	225	506	-.099	.071	.134	-.394
225	216	-.435	.081	-.209	-.940	225	338	.354	.072	.595	.121	225	507	-.065	.053	.132	-.322
225	217	-.708	.183	-.289	-1.340	225	339	.240	.064	.464	.046	225	508	-.087	.046	.081	-.324
225	218	-.838	.223	-.188	-1.402	225	340	.073	.054	.268	-.131	225	509	-.114	.041	.013	-.277
225	219	-.484	.095	-.082	-.760	225	341	-.294	.063	-.105	-.529	225	510	-.149	.068	.006	-.556
225	220	-.274	.041	-.101	-.419	225	342	-.615	.121	-.303	-1.126	225	511	-.125	.058	.019	-.435

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	512	-.131	.054	.005	-.391	225	628	-.926	.181	-.424	-1.608	225	804	-.317	.114	-.114	-.823
225	513	-.127	.052	.027	-.397	225	629	-.941	.192	-.427	-1.693	225	805	-.144	.068	0.000	-.469
225	514	-.120	.041	.016	-.387	225	630	-.792	.211	-.045	-1.472	225	806	-.099	.040	.014	-.381
225	515	-.120	.035	-.005	-.289	225	631	-.130	.273	.673	-1.084	225	807	-.076	.029	.019	-.306
225	516	-.139	.035	-.022	-.304	225	632	.487	.199	1.059	-.322	225	808	-.083	.026	-.005	-.279
225	517	-.136	.040	-.014	-.438	225	633	.667	.149	1.170	.264	225	809	-.087	.027	.020	-.254
225	518	-.130	.047	.040	-.378	225	634	.573	.116	1.011	.271	225	810	-.106	.036	-.011	-.356
225	519	-.131	.055	.051	-.399	225	635	.491	.101	.826	.210	225	811	-.099	.033	.008	-.301
225	520	-.152	.055	.018	-.493	225	636	.359	.085	.700	.130	225	812	-.098	.033	-.008	-.318
225	521	-.168	.060	-.029	-.604	225	637	.210	.072	.516	.002	225	813	-.086	.035	.014	-.345
225	522	-.154	.049	.062	-.413	225	638	.011	.060	.233	-.150	225	814	-.094	.028	.006	-.254
225	523	-.128	.047	.115	-.359	225	639	-.478	.105	-.153	-.810	225	815	-.097	.026	-.013	-.249
225	524	-.136	.055	.115	-.407	225	640	-.668	.172	-.395	-1.512	225	816	-.109	.028	0.000	-.346
225	525	-.160	.067	.088	-.496	225	701	-.989	.222	-.440	-1.827	225	817	-.106	.029	-.022	-.314
225	526	-.243	.118	.096	-.760	225	702	-.569	.167	-.157	-1.131	225	818	-.110	.029	-.008	-.274
225	527	-.410	.167	.072	-.979	225	703	-.487	.148	-.148	-.978	225	819	-.100	.028	-.005	-.312
225	528	-.590	.177	-.018	-1.298	225	704	-.344	.112	-.077	-.839	225	820	-.100	.026	-.006	-.273
225	529	-.688	.150	-.239	-1.405	225	705	-.226	.083	.009	-.614	225	821	-.098	.026	-.019	-.219
225	530	-.687	.158	-.258	-1.470	225	706	-.063	.063	.055	-.313	225	822	-.119	.024	-.038	-.235
225	531	-.684	.166	-.268	-1.460	225	707	-.084	.035	.037	-.262	225	823	-.100	.022	-.022	-.234
225	532	-.610	.174	.046	-1.478	225	708	-.092	.031	.020	-.256	225	824	-.099	.026	-.013	-.295
225	533	.028	.210	.655	-.802	225	709	-.107	.034	.009	-.322	225	825	-.099	.030	-.006	-.278
225	534	.514	.157	.980	-.048	225	710	-.059	.039	.045	-.342	225	826	-.138	.044	-.013	-.420
225	535	.623	.120	1.016	.279	225	711	-.112	.040	-.009	-.335	225	827	-.271	.095	-.031	-.669
225	536	.548	.105	.855	.233	225	712	-.115	.040	.005	-.347	225	828	-.456	.126	-.125	-1.188
225	537	.430	.086	.681	.132	225	713	-.100	.040	.018	-.365	225	829	-.428	.127	-.044	-1.179
225	538	.332	.075	.568	.091	225	714	-.046	.030	.068	-.162	225	830	-.629	.154	-.216	-1.298
225	539	.211	.063	.432	.021	225	715	-.111	.031	-.012	-.231	225	831	-.756	.198	-.276	-1.620
225	540	.008	.054	.206	-.174	225	716	-.130	.034	-.005	-.292	225	832	-.351	.193	.292	-1.163
225	541	-.351	.073	-.125	-.618	225	717	-.123	.041	.007	-.408	225	833	.234	.173	.828	-.497
225	542	-.705	.133	-.338	-1.437	225	718	-.059	.035	.061	-.262	225	834	.436	.126	.870	.052
225	601	-.829	.164	-.353	-1.748	225	719	-.114	.042	.055	-.466	225	835	.422	.108	.804	.143
225	602	-.690	.155	-.146	-1.150	225	720	-.122	.041	-.004	-.518	225	836	.382	.095	.732	.157
225	603	-.569	.192	-.005	-1.136	225	721	-.118	.043	-.004	-.410	225	837	.333	.084	.607	.105
225	604	-.229	.114	.061	-.792	225	722	-.086	.034	.101	-.272	225	838	.294	.077	.516	.008
225	605	-.127	.062	.109	-.522	225	723	-.127	.037	.037	-.386	225	839	.199	.069	.444	.022
225	606	-.050	.040	.093	-.333	225	724	-.139	.045	.037	-.474	225	840	.040	.062	.301	-.155
225	607	-.094	.040	.075	-.262	225	725	-.159	.059	-.011	-.557	225	841	-.308	.098	.020	-.641
225	608	-.138	.045	.017	-.326	225	726	-.213	.078	-.025	-.629	225	842	-.899	.214	-.336	-1.599
225	609	-.148	.060	.032	-.493	225	727	-.436	.127	-.134	-.995	225	901	-.696	.153	-.290	-1.344
225	610	-.077	.046	.066	-.342	225	728	-.635	.165	-.247	-1.209	225	902	-.461	.176	-.118	-1.074
225	611	-.134	.051	.012	-.434	225	729	-.859	.206	-.299	-1.522	225	903	-.279	.118	-.063	-.823
225	612	-.137	.048	-.005	-.411	225	730	-.927	.210	-.349	-1.627	225	904	-.149	.048	.014	-.463
225	613	-.127	.040	.037	-.319	225	731	-1.107	.271	-.367	-2.206	225	905	-.132	.038	.020	-.370
225	614	-.076	.030	.036	-.267	225	732	-.801	.250	-.103	-1.848	225	906	-.109	.031	.006	-.342
225	615	-.134	.036	-.028	-.294	225	733	-.240	.286	.623	-1.209	225	907	-.091	.024	.027	-.245
225	616	-.142	.042	-.012	-.390	225	734	.307	.204	.894	-.395	225	908	-.074	.022	-.005	-.238
225	617	-.128	.048	.041	-.374	225	735	.458	.121	.776	.133	225	909	-.085	.024	-.013	-.207
225	618	-.078	.045	.121	-.370	225	736	.451	.110	.773	.171	225	910	-.089	.027	.011	-.223
225	619	-.132	.047	.052	-.420	225	737	.340	.089	.621	.121	225	911	-.089	.032	-.005	-.252
225	620	-.148	.048	.023	-.377	225	738	.232	.075	.502	.031	225	912	-.094	.033	.006	-.256
225	621	-.150	.051	.071	-.431	225	739	.110	.058	.340	-.127	225	913	-.092	.032	-.013	-.263
225	622	-.087	.043	.071	-.358	225	740	-.085	.052	.100	-.251	225	914	-.094	.031	.002	-.254
225	623	-.159	.057	.030	-.534	225	741	-.400	.088	-.144	-.773	225	915	-.093	.027	.011	-.205
225	624	-.203	.070	.005	-.568	225	742	-.849	.172	-.394	-1.560	225	916	-.091	.025	.008	-.190
225	625	-.246	.114	.045	-.807	225	801	-.774	.160	-.379	-1.344	225	917	-.112	.027	-.030	-.227
225	626	-.564	.186	-.046	-1.189	225	802	-.567	.125	-.281	-1.159	225	918	-.110	.029	.005	-.257
225	627	-.901	.184	-.281	-1.508	225	803	-.543	.132	-.241	-1.093	225	919	-.108	.030	-.005	-.265

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	920	-.045	.032	.016	-.259	225	1034	.202	.156	.691	-.347	225	1206	-.086	.038	.067	-.257
225	921	-.104	.029	.003	-.214	225	1035	.325	.107	.745	.038	225	1207	-.090	.032	.062	-.217
225	922	-.104	.028	-.017	-.235	225	1036	.314	.087	.702	.074	225	1208	-.009	.053	.180	-.175
225	923	-.113	.027	-.011	-.281	225	1037	.258	.068	.528	.062	225	1209	-.056	.027	.025	-.163
225	924	-.091	.028	.025	-.365	225	1038	.202	.060	.412	.030	225	1210	-.049	.026	.035	-.148
225	925	-.096	.033	.041	-.453	225	1039	.134	.055	.380	-.022	225	1211	-.045	.026	.035	-.146
225	926	-.130	.057	.052	-.548	225	1040	-.006	.053	.220	-.163	225	1212	-.050	.030	.037	-.185
225	927	-.124	.040	-.011	-.390	225	1041	-.291	.042	-.049	-.688	225	1213	-.075	.048	.029	-.452
225	928	-.189	.072	.025	-.613	225	1042	-.635	.186	-.193	-1.578	225	1214	-.070	.044	.050	-.389
225	929	-.232	.090	.017	-.886	225	1101	-.516	.156	-.130	-1.059	225	1215	-.063	.040	.045	-.291
225	930	-.347	.123	.059	-.979	225	1102	-.303	.136	-.005	-.795	225	1216	-.063	.038	.049	-.309
225	931	-.511	.138	-.120	-.979	225	1103	-.143	.056	0.000	-.372	225	1217	-.066	.031	.044	-.272
225	932	-.598	.147	-.198	-1.187	225	1104	-.097	.043	.046	-.306	225	1218	-.085	.033	.025	-.254
225	933	-.634	.171	-.227	-1.570	225	1105	-.093	.041	.027	-.407	225	1219	-.093	.033	.020	-.308
225	934	-.523	.173	.090	-1.095	225	1106	-.096	.035	.021	-.341	225	1220	-.101	.031	.022	-.232
225	935	.026	.190	.612	-.677	225	1107	-.071	.026	.021	-.196	225	1221	-.098	.034	.025	-.266
225	936	.344	.146	.795	-.263	225	1108	-.064	.024	.021	-.163	225	1222	-.111	.036	.015	-.284
225	937	.394	.105	.740	.071	225	1109	-.065	.024	.010	-.170	225	1223	-.130	.045	-.029	-.395
225	938	.368	.092	.696	.101	225	1110	-.078	.032	.008	-.266	225	1224	-.150	.056	-.024	-.574
225	939	.306	.080	.569	.111	225	1111	-.096	.051	.017	-.632	225	1225	-.108	.036	.020	-.281
225	940	.245	.072	.509	.057	225	1112	-.093	.048	.016	-.632	225	1226	-.068	.008	-.039	-.094
225	941	.155	.062	.414	-.010	225	1113	-.087	.048	.014	-.461	225	1227	-.081	.039	.067	-.262
225	942	-.001	.056	.242	-.157	225	1114	-.090	.042	.040	-.385	225	1228	-.076	.042	.109	-.234
225	943	-.356	.079	-.122	-.661	225	1115	-.096	.032	.046	-.258	225	1229	-.086	.051	.193	-.271
225	944	-.745	.173	-.241	-1.450	225	1116	-.110	.033	-.030	-.273	225	1230	-.078	.049	.198	-.247
225	1001	-.599	.155	-.241	-1.379	225	1117	-.099	.034	.010	-.274	225	1231	-.106	.053	.113	-.304
225	1002	-.415	.170	-.071	-1.139	225	1118	-.103	.033	0.000	-.246	225	1232	-.115	.054	.103	-.284
225	1003	-.263	.132	-.038	-.824	225	1119	-.101	.033	0.000	-.246	225	1233	-.170	.089	.087	-.604
225	1004	-.125	.053	.054	-.437	225	1120	-.118	.037	.010	-.274	225	1234	-.203	.089	.079	-.648
225	1005	-.087	.032	.087	-.269	225	1121	-.130	.038	-.027	-.409	225	1235	-.292	.110	.104	-.826
225	1006	-.078	.024	.011	-.201	225	1122	-.142	.042	-.037	-.378	225	1236	-.329	.121	-.015	-.986
225	1007	-.070	.021	.006	-.228	225	1123	-.104	.034	.069	-.241	225	1237	-.352	.136	-.017	-1.132
225	1008	-.078	.022	-.005	-.198	225	1124	-.089	.037	.106	-.284	225	1238	-.393	.157	-.050	-1.381
225	1009	-.086	.027	-.013	-.250	225	1125	-.080	.044	.106	-.235	225	1239	-.440	.172	-.049	-1.457
225	1010	-.102	.038	-.005	-.360	225	1126	-.091	.054	.113	-.352	225	1240	-.308	.171	.352	-1.124
225	1011	-.099	.037	.013	-.407	225	1127	-.119	.069	.155	-.442	225	1241	.205	.080	.590	.002
225	1012	-.103	.041	.006	-.521	225	1128	-.180	.083	.126	-.579	225	1242	.276	.076	.627	.054
225	1013	-.100	.036	-.003	-.472	225	1129	-.223	.091	.084	-.600	225	1243	.276	.071	.540	.066
225	1014	-.104	.028	-.022	-.303	225	1130	-.327	.124	.067	-1.061	225	1244	.245	.066	.516	.064
225	1015	-.108	.028	-.030	-.250	225	1131	-.358	.138	.012	-1.078	225	1245	.187	.061	.424	.030
225	1016	-.120	.032	-.029	-.284	225	1132	-.375	.142	0.000	-1.014	225	1246	.067	.049	.247	-.089
225	1017	-.120	.033	-.021	-.298	225	1133	-.399	.151	-.077	-1.110	225	1247	-.149	.077	.108	-.513
225	1018	-.120	.035	-.014	-.290	225	1134	-.456	.160	-.091	-1.087	225	1248	-.471	.166	-.061	-1.337
225	1019	-.112	.036	.010	-.303	225	1135	-.232	.155	.373	-.799	225	1301	-.398	.055	-.219	-.799
225	1020	-.120	.034	-.017	-.336	225	1136	.082	.147	.609	-.427	225	1302	-.087	.067	.125	-.543
225	1021	-.122	.033	-.030	-.341	225	1137	.244	.095	.584	-.098	225	1303	-.202	.040	-.058	-.322
225	1022	-.117	.032	-.008	-.239	225	1138	.268	.082	.616	.039	225	1304	-.603	.090	-.298	-1.001
225	1023	-.100	.033	.013	-.309	225	1139	.251	.070	.567	.072	225	1305	-.362	.106	.026	-.758
225	1024	-.096	.041	.036	-.323	225	1140	.215	.062	.456	.052	225	1306	.028	.053	.252	-.159
225	1025	-.101	.048	.035	-.317	225	1141	.149	.050	.336	.015	225	1307	-.413	.092	-.166	-.700
225	1026	-.131	.063	.055	-.377	225	1142	.027	.046	.220	-.113	225	1308	.523	.129	.909	.130
225	1027	-.222	.100	.055	-.577	225	1143	-.211	.091	.037	-.562	225	1309	.105	.081	.395	-.175
225	1028	-.331	.128	.073	-.762	225	1144	-.533	.188	-.130	-1.309	225	1310	-.112	.041	.039	-.279
225	1029	-.419	.139	.005	-1.020	225	1201	-.201	.096	.012	-.754	225	1311	-.071	.054	.125	-.282
225	1030	-.466	.156	-.084	-1.174	225	1202	-.162	.067	.067	-.399	225	1312	-.195	.072	.058	-.483
225	1031	-.505	.167	-.138	-1.214	225	1203	-.112	.053	.062	-.304	225	1313	-.553	.122	-.247	-1.005
225	1032	-.528	.167	-.049	-1.198	225	1204	-.114	.046	.020	-.293	0	0	0.000	0.000	0.000	0.000
225	1033	-.128	.176	.494	-.802	225	1205	-.093	.041	.086	-.256	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	101	-.456	.114	-.201	-.990	240	221	-.018	.030	.101	-.109	240	401	-.433	.081	-.206	-.773
240	102	-.459	.108	-.196	-.809	240	222	.026	.040	.159	-.099	240	402	-.436	.079	-.220	-.771
240	103	-.458	.089	-.207	-.750	240	223	-.005	.064	.200	-.221	240	403	-.475	.082	-.226	-.922
240	104	-.425	.071	-.185	-.659	240	224	-.139	.109	.210	-.617	240	404	-.471	.104	-.086	-.892
240	105	-.369	.067	-.156	-.566	240	225	-.152	.191	.372	-.916	240	405	-.345	.105	.112	-.750
240	106	-.289	.056	-.087	-.513	240	226	.429	.164	.867	-.253	240	406	-.200	.095	.116	-.674
240	107	-.256	.054	-.076	-.550	240	227	.647	.121	.994	.273	240	407	-.161	.089	.195	-.582
240	108	-.245	.051	-.087	-.496	240	228	.431	.134	.798	-.039	240	408	-.162	.078	.112	-.463
240	109	-.247	.053	-.104	-.548	240	229	.305	.124	.656	-.101	240	409	-.216	.091	.109	-.631
240	110	-.242	.058	-.073	-.556	240	230	.284	.077	.597	.059	240	410	-.179	.074	.047	-.480
240	111	-.258	.065	-.071	-.603	240	231	.191	.064	.443	.010	240	411	-.179	.068	.049	-.493
240	112	-.263	.061	-.085	-.498	240	232	.129	.056	.372	-.032	240	412	-.165	.058	.012	-.491
240	113	-.284	.059	-.088	-.513	240	233	.030	.050	.253	-.124	240	413	-.148	.046	.022	-.419
240	114	-.312	.069	-.101	-.580	240	234	-.093	.045	.091	-.250	240	414	-.134	.039	.027	-.419
240	115	-.347	.080	-.117	-.692	240	235	-.354	.064	-.112	-.634	240	415	-.149	.038	-.018	-.367
240	116	-.376	.085	-.112	-.799	240	236	-.497	.098	-.216	-.951	240	416	-.154	.040	-.045	-.446
240	117	-.416	.080	-.167	-.701	240	301	-.489	.089	-.231	-.845	240	417	-.136	.039	-.028	-.357
240	118	-.425	.096	-.161	-.733	240	302	-.514	.098	-.178	-.810	240	418	-.139	.037	-.037	-.366
240	119	-.426	.096	-.169	-.739	240	303	-.524	.099	-.173	-.882	240	419	-.146	.035	-.047	-.350
240	120	-.282	.049	-.114	-.464	240	304	-.508	.097	-.169	-.848	240	420	-.146	.035	-.024	-.276
240	121	-.136	.025	-.033	-.226	240	305	-.462	.093	-.050	-.904	240	421	-.138	.028	-.040	-.261
240	122	-.061	.025	.025	-.141	240	306	-.254	.080	.012	-.548	240	422	-.086	.022	.002	-.184
240	123	-.025	.030	.066	-.125	240	307	-.211	.122	.143	-.694	240	423	-.055	.024	.047	-.128
240	124	-.016	.032	.096	-.133	240	308	-.215	.109	.149	-.682	240	424	-.023	.027	.072	-.100
240	125	-.052	.043	.112	-.194	240	309	-.227	.090	.104	-.656	240	425	.027	.033	.150	-.068
240	126	-.201	.083	.076	-.554	240	310	-.227	.085	.039	-.907	240	426	.062	.053	.240	-.089
240	127	-.138	.153	.294	-.724	240	311	-.214	.086	.027	-.795	240	427	.022	.085	.282	-.373
240	128	.414	.137	.807	-.044	240	312	-.201	.088	.039	-.830	240	428	-.120	.143	.282	-.684
240	129	.580	.123	.893	.220	240	313	-.206	.100	.045	-.827	240	429	-.112	.161	.353	-.723
240	130	.293	.127	.659	-.177	240	314	-.171	.086	.087	-.704	240	430	-.065	.191	.462	-.730
240	131	.152	.112	.493	-.215	240	315	-.153	.082	.079	-.758	240	431	.123	.199	.642	-.558
240	132	.155	.062	.354	-.043	240	316	-.139	.056	.065	-.567	240	432	.423	.169	.857	-.243
240	133	.091	.053	.264	-.084	240	317	-.154	.047	.030	-.516	240	433	.603	.144	1.020	.112
240	134	.067	.048	.235	-.087	240	318	-.152	.039	-.005	-.293	240	434	.633	.129	.968	.184
240	135	.028	.045	.202	-.098	240	319	-.144	.037	-.017	-.340	240	435	.548	.132	.898	.044
240	136	-.068	.042	.082	-.149	240	320	-.136	.036	0.000	-.324	240	436	.415	.148	.835	-.149
240	137	-.295	.060	-.042	-.499	240	321	-.155	.036	-.030	-.320	240	437	.300	.155	.780	-.282
240	138	-.474	.110	-.194	-.932	240	322	-.150	.028	-.064	-.236	240	438	.335	.122	.717	-.152
240	201	-.500	.106	-.199	-.875	240	323	-.117	.026	-.030	-.205	240	439	.278	.079	.579	.052
240	202	-.493	.098	-.235	-.908	240	324	-.109	.026	-.015	-.196	240	440	.192	.062	.399	.017
240	203	-.512	.093	-.262	-.935	240	325	-.107	.030	0.000	-.201	240	441	.128	.053	.315	-.019
240	204	-.387	.076	-.100	-.687	240	326	-.011	.031	.097	-.126	240	442	.019	.047	.189	-.117
240	205	-.254	.070	-.062	-.645	240	327	.026	.039	.149	-.102	240	443	-.118	.044	.031	-.289
240	206	-.218	.068	-.016	-.517	240	328	.053	.049	.201	-.102	240	444	-.344	.070	-.152	-.577
240	207	-.215	.071	-.014	-.591	240	329	.002	.077	.223	-.210	240	445	-.503	.102	-.234	-.887
240	208	-.208	.083	.046	-.627	240	330	-.143	.111	.166	-.636	240	446	-.483	.103	-.219	-.856
240	209	-.224	.094	.021	-.663	240	331	-.125	.195	.426	-.864	240	447	-.482	.099	-.222	-.864
240	210	-.218	.086	.002	-.589	240	332	.427	.153	.864	-.215	240	501	-.381	.073	-.152	-.661
240	211	-.176	.054	.024	-.376	240	333	.639	.123	.983	.228	240	502	-.393	.073	-.187	-.681
240	212	-.166	.046	.052	-.352	240	334	.438	.132	.798	-.231	240	503	-.450	.090	-.152	-1.025
240	213	-.196	.044	-.006	-.352	240	335	.339	.118	.656	-.250	240	504	-.476	.106	-.129	-.999
240	214	-.262	.048	-.101	-.447	240	336	.308	.074	.540	.065	240	505	-.460	.115	-.115	-.961
240	215	-.384	.068	-.155	-.645	240	337	.197	.059	.392	.018	240	506	-.322	.116	.077	-.707
240	216	-.374	.079	-.142	-.667	240	338	.114	.056	.287	-.067	240	507	-.210	.102	.261	-.595
240	217	-.516	.142	-.139	-.976	240	339	.026	.050	.198	-.127	240	508	-.149	.094	.219	-.653
240	218	-.516	.133	-.209	-.956	240	340	-.086	.047	.089	-.226	240	509	-.137	.079	.131	-.429
240	219	-.243	.055	-.147	-.472	240	341	-.347	.068	-.102	-.594	240	510	-.156	.092	.177	-.621
240	220	-.097	.027	-.008	-.194	240	342	-.498	.086	-.275	-.850	240	511	-.181	.083	.038	-.572

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	512	-.196	.084	.082	-.716	240	628	-.136	.173	.358	-.803	240	804	-.416	.093	-.140	-.788
240	513	-.201	.083	.028	-.709	240	629	-.119	.241	.560	-.907	240	805	-.411	.108	-.021	-.995
240	514	-.169	.066	-.009	-.492	240	630	.362	.187	.865	-.423	240	806	-.323	.110	.021	-.864
240	515	-.162	.048	-.031	-.495	240	631	.574	.150	1.052	.051	240	807	-.214	.094	.132	-.630
240	516	-.156	.041	-.038	-.318	240	632	.422	.171	.938	-.236	240	808	-.165	.078	.153	-.519
240	517	-.145	.039	-.033	-.394	240	633	.349	.143	.783	-.201	240	809	-.148	.069	.105	-.463
240	518	-.123	.037	-.005	-.397	240	634	.319	.092	.607	.059	240	810	-.169	.077	.062	-.598
240	519	-.123	.032	-.012	-.231	240	635	.204	.079	.477	-.035	240	811	-.155	.071	.068	-.551
240	520	-.127	.031	-.026	-.245	240	636	.105	.064	.347	-.088	240	812	-.152	.069	.064	-.501
240	521	-.122	.033	-.019	-.231	240	637	.008	.053	.214	-.145	240	813	-.139	.067	.041	-.463
240	522	-.107	.027	-.012	-.201	240	638	-.082	.044	.069	-.236	240	814	-.144	.057	.014	-.414
240	523	-.057	.022	.031	-.129	240	639	-.338	.072	-.170	-.835	240	815	-.138	.050	.021	-.460
240	524	-.024	.024	.080	-.100	240	640	-.411	.107	-.155	-1.466	240	816	-.148	.052	.016	-.487
240	525	.013	.030	.121	-.065	240	701	-.482	.114	-.121	-.938	240	817	-.133	.045	-.010	-.468
240	526	.055	.037	.192	-.047	240	702	-.415	.097	-.091	-.858	240	818	-.134	.040	-.018	-.441
240	527	.064	.047	.257	-.059	240	703	-.511	.113	-.133	-1.064	240	819	-.122	.035	-.019	-.352
240	528	.066	.057	.310	-.105	240	704	-.531	.117	-.148	-1.029	240	820	-.123	.034	-.024	-.310
240	529	.055	.087	.310	-.535	240	705	-.500	.128	-.037	-1.132	240	821	-.113	.035	-.013	-.256
240	530	-.087	.155	.338	-.679	240	706	-.309	.115	.071	-.793	240	822	-.111	.030	-.016	-.236
240	531	-.058	.206	.497	-.789	240	707	-.230	.102	.182	-.906	240	823	-.058	.026	.040	-.162
240	532	.372	.173	.898	-.348	240	708	-.172	.086	.175	-.531	240	824	-.020	.028	.072	-.129
240	533	.561	.130	.976	.149	240	709	-.150	.079	.143	-.558	240	825	.025	.031	.143	-.072
240	534	.410	.147	.829	-.098	240	710	-.109	.074	.078	-.525	240	826	.044	.036	.191	-.065
240	535	.316	.121	.675	-.086	240	711	-.153	.072	.049	-.666	240	827	.069	.049	.277	-.119
240	536	.262	.084	.544	.042	240	712	-.154	.069	.076	-.577	240	828	.071	.078	.347	-.301
240	537	.182	.070	.429	-.012	240	713	-.145	.066	.064	-.526	240	829	.141	.087	.406	-.157
240	538	.114	.058	.331	-.052	240	714	-.090	.051	.062	-.341	240	830	.062	.104	.401	-.307
240	539	.013	.048	.198	-.142	240	715	-.145	.050	.071	-.385	240	831	.111	.146	.641	-.395
240	540	-.113	.042	.038	-.262	240	716	-.152	.047	.022	-.449	240	832	.357	.135	.910	-.146
240	541	-.332	.064	-.132	-.558	240	717	-.137	.047	.180	-.636	240	833	.422	.130	.799	.060
240	542	-.441	.094	-.153	-.821	240	718	-.075	.039	.051	-.589	240	834	.260	.132	.742	-.259
240	601	-.414	.092	-.167	-1.009	240	719	-.126	.037	-.015	-.295	240	835	.202	.103	.629	-.191
240	602	-.386	.079	-.128	-.837	240	720	-.127	.036	-.010	-.273	240	836	.203	.077	.532	-.051
240	603	-.487	.096	-.228	-.948	240	721	-.114	.038	.012	-.272	240	837	.147	.069	.422	-.067
240	604	-.502	.116	-.052	-.938	240	722	-.063	.031	.042	-.177	240	838	.097	.061	.345	-.084
240	605	-.370	.107	.100	-.923	240	723	-.058	.026	.044	-.153	240	839	.017	.055	.250	-.178
240	606	-.186	.088	.100	-.644	240	724	-.017	.029	.101	-.116	240	840	-.115	.051	.111	-.310
240	607	-.153	.080	.150	-.482	240	725	.030	.034	.157	-.084	240	841	-.399	.081	-.156	-.734
240	608	-.154	.081	.110	-.590	240	726	.092	.039	.228	-.059	240	842	-.768	.161	-.315	-1.453
240	609	-.148	.084	.086	-.724	240	727	.052	.052	.231	-.126	240	901	-.631	.120	-.314	-1.122
240	610	-.106	.071	.110	-.506	240	728	.045	.069	.285	-.197	240	902	-.578	.109	-.178	-1.015
240	611	-.173	.082	.047	-.634	240	729	.028	.101	.374	-.368	240	903	-.397	.106	-.092	-.812
240	612	-.186	.083	.035	-.629	240	730	-.041	.125	.381	-.523	240	904	-.310	.086	-.011	-.699
240	613	-.169	.069	.086	-.688	240	731	-.044	.194	.525	-.658	240	905	-.326	.101	-.013	-.774
240	614	-.113	.051	.069	-.452	240	732	.316	.195	.862	-.263	240	906	-.313	.111	.016	-.914
240	615	-.163	.049	.032	-.481	240	733	.524	.154	.971	.084	240	907	-.254	.109	.095	-.965
240	616	-.162	.048	-.027	-.563	240	734	.438	.154	.917	-.101	240	908	-.166	.073	.065	-.737
240	617	-.138	.043	0.000	-.391	240	735	.271	.124	.696	-.239	240	909	-.150	.063	.059	-.538
240	618	-.087	.035	.049	-.236	240	736	.242	.091	.595	-.054	240	910	-.151	.065	.054	-.476
240	619	-.126	.035	-.030	-.260	240	737	.147	.069	.398	-.051	240	911	-.163	.088	.056	-.672
240	620	-.132	.035	-.032	-.266	240	738	.063	.057	.286	-.092	240	912	-.163	.085	.045	-.735
240	621	-.122	.031	-.029	-.236	240	739	-.004	.049	.178	-.164	240	913	-.158	.079	.032	-.657
240	622	-.012	.023	.083	-.106	240	740	-.097	.045	.056	-.250	240	914	-.153	.077	.027	-.705
240	623	-.016	.027	.044	-.118	240	741	-.239	.054	-.076	-.431	240	915	-.145	.062	.048	-.503
240	624	.012	.032	.133	-.086	240	742	-.421	.090	-.161	-.737	240	916	-.133	.055	.081	-.477
240	625	.055	.040	.201	-.064	240	801	-.551	.143	-.127	-.998	240	917	-.150	.058	.053	-.438
240	626	.115	.058	.322	-.059	240	802	-.456	.106	-.172	-1.001	240	918	-.150	.052	.072	-.374
240	627	.043	.091	.336	-.450	240	803	-.383	.086	-.142	-.735	240	919	-.143	.045	.049	-.353

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	920	-.120	.042	-.016	-.322	240	1034	.148	.117	.598	-.457	240	1206	-.178	.042	-.056	-.384
240	921	-.123	.042	-.010	-.333	240	1035	.137	.094	.611	-.317	240	1207	-.152	.040	-.035	-.364
240	922	-.125	.041	-.011	-.341	240	1036	.138	.066	.530	-.146	240	1208	-.098	.056	.100	-.318
240	923	-.111	.034	.002	-.266	240	1037	.088	.052	.402	-.119	240	1209	-.100	.036	.058	-.250
240	924	-.045	.030	.088	-.151	240	1038	.040	.046	.299	-.127	240	1210	-.085	.037	.073	-.237
240	925	-.009	.030	.151	-.107	240	1039	-.023	.041	.248	-.137	240	1211	-.073	.037	.081	-.232
240	926	.016	.028	.116	-.087	240	1040	-.144	.042	.068	-.283	240	1212	-.068	.040	.089	-.255
240	927	.036	.031	.164	-.053	240	1041	-.376	.068	-.200	-.700	240	1213	-.080	.058	.081	-.440
240	928	.057	.038	.210	-.045	240	1042	-.565	.129	-.297	-1.366	240	1214	-.078	.057	.061	-.405
240	929	.061	.041	.239	-.043	240	1101	-.655	.162	-.286	-1.408	240	1215	-.078	.055	.047	-.358
240	930	.067	.051	.280	-.065	240	1102	-.429	.146	-.111	-1.091	240	1216	-.087	.064	.079	-.521
240	931	.066	.060	.304	-.402	240	1103	-.236	.078	-.051	-.768	240	1217	-.081	.061	.108	-.416
240	932	-.020	.116	.312	-.479	240	1104	-.201	.061	.008	-.514	240	1218	-.097	.058	.123	-.395
240	933	.011	.163	.479	-.589	240	1105	-.181	.060	-.002	-.479	240	1219	-.115	.055	.015	-.442
240	934	.233	.151	.756	-.367	240	1106	-.167	.057	.014	-.447	240	1220	-.122	.050	.019	-.439
240	935	.319	.126	.730	-.127	240	1107	-.121	.044	.032	-.339	240	1221	-.122	.050	.016	-.374
240	936	.183	.134	.595	-.437	240	1108	-.098	.042	.049	-.269	240	1222	-.128	.055	.003	-.443
240	937	.135	.110	.485	-.374	240	1109	-.087	.044	.075	-.259	240	1223	-.137	.062	-.005	-.563
240	938	.142	.071	.431	-.048	240	1110	-.088	.052	.064	-.305	240	1224	-.148	.069	-.005	-.638
240	939	.090	.058	.339	-.048	240	1111	-.110	.077	.048	-.625	240	1225	-.107	.048	.021	-.401
240	940	.049	.049	.243	-.080	240	1112	-.109	.072	.054	-.566	240	1225	-.043	.005	-.024	-.061
240	941	-.021	.041	.150	-.151	240	1113	-.103	.063	.038	-.509	240	1226	-.039	.032	.108	-.190
240	942	-.148	.043	.016	-.317	240	1114	-.108	.064	.072	-.534	240	1227	-.050	.033	.089	-.187
240	943	-.426	.073	-.237	-.695	240	1115	-.116	.060	.059	-.639	240	1228	-.013	.044	.198	-.160
240	944	-.608	.119	-.321	-1.144	240	1116	-.133	.062	.046	-.554	240	1229	.106	.062	.374	-.071
240	1001	-.578	.126	-.299	-1.242	240	1117	-.127	.057	.034	-.498	240	1230	.096	.058	.360	-.055
240	1002	-.557	.124	-.185	-1.152	240	1118	-.139	.056	.006	-.527	240	1231	.098	.054	.331	-.048
240	1003	-.429	.126	-.086	-.929	240	1119	-.140	.054	-.015	-.480	240	1232	.079	.043	.256	-.048
240	1004	-.241	.083	-.011	-.500	240	1120	-.139	.053	-.016	-.448	240	1233	.110	.058	.318	-.082
240	1005	-.166	.055	.003	-.453	240	1121	-.129	.052	-.016	-.418	240	1234	.078	.071	.347	-.182
240	1006	-.143	.049	.016	-.433	240	1122	-.135	.053	-.016	-.434	240	1235	.021	.066	.287	-.335
240	1007	-.121	.046	.040	-.519	240	1123	-.095	.037	0.000	-.308	240	1236	.004	.068	.260	-.421
240	1008	-.116	.049	.073	-.328	240	1124	-.041	.030	.076	-.181	240	1237	-.010	.072	.173	-.572
240	1009	-.126	.059	.059	-.417	240	1125	.017	.031	.142	-.097	240	1238	-.021	.082	.171	-.616
240	1010	-.161	.094	.051	-.663	240	1126	.066	.039	.213	-.076	240	1239	.044	.088	.443	-.366
240	1011	-.151	.086	.043	-.854	240	1127	.077	.039	.193	-.055	240	1241	.147	.069	.524	-.031
240	1012	-.149	.083	.032	-.835	240	1128	.075	.042	.202	-.060	240	1242	.153	.067	.476	-.016
240	1013	-.143	.075	.017	-.744	240	1129	.085	.054	.274	-.124	240	1243	.126	.059	.400	-.044
240	1014	-.137	.061	.037	-.624	240	1130	.047	.069	.255	-.219	240	1244	.095	.054	.364	-.084
240	1015	-.138	.057	.043	-.479	240	1131	-.006	.074	.216	-.310	240	1245	.050	.045	.272	-.076
240	1016	-.150	.060	.003	-.512	240	1132	-.045	.076	.147	-.501	240	1246	-.063	.037	.090	-.192
240	1017	-.150	.058	-.006	-.485	240	1133	-.060	.073	.163	-.382	240	1247	-.273	.069	-.087	-.548
240	1018	-.148	.056	.043	-.514	240	1134	-.055	.079	.195	-.421	240	1248	-.587	.154	-.216	-1.269
240	1019	-.146	.051	-.029	-.426	240	1135	.066	.093	.459	-.247	240	1301	-.370	.053	-.194	-.567
240	1020	-.141	.049	-.022	-.457	240	1136	.146	.085	.543	-.113	240	1302	-.016	.032	.126	-.175
240	1021	-.141	.048	-.017	-.437	240	1137	.163	.070	.477	-.048	240	1303	-.222	.037	-.101	-.355
240	1022	-.113	.037	.002	-.320	240	1138	.150	.064	.437	-.031	240	1304	-.505	.087	-.210	-.844
240	1023	-.051	.029	.140	-.170	240	1139	.114	.054	.358	-.047	240	1305	-.081	.020	.011	-.172
240	1024	-.001	.029	.111	-.094	240	1140	.080	.048	.301	-.063	240	1306	-.044	.057	.164	-.215
240	1025	.029	.029	.156	-.057	240	1141	.021	.040	.205	-.082	240	1307	-.260	.064	-.100	-.556
240	1026	.046	.031	.173	-.045	240	1142	-.097	.042	.079	-.250	240	1308	.352	.114	.703	.021
240	1027	.050	.032	.170	-.059	240	1143	-.336	.083	-.090	-.634	240	1309	.222	.061	.414	.025
240	1028	.043	.036	.185	-.072	240	1144	-.668	.159	-.276	-1.251	240	1310	-.171	.058	.027	-.384
240	1029	.016	.054	.177	-.340	240	1201	-.249	.092	-.069	-1.050	240	1311	-.014	.084	.237	-.349
240	1030	-.091	.107	.165	-.541	240	1202	-.262	.061	-.068	-.543	240	1312	-.242	.051	-.066	-.433
240	1031	-.078	.142	.402	-.717	240	1203	-.210	.049	-.074	-.432	240	1313	-.411	.100	-.148	-.788
240	1032	.090	.140	.589	-.463	240	1204	-.202	.046	-.056	-.424	0	0	0.000	0.000	0.000	0.000
240	1033	.196	.113	.600	-.189	240	1205	-.190	.043	-.052	-.384	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	101	-.157	.036	-.050	-.291	255	221	.138	.055	.311	-.015	255	401	-.158	.033	-.064	-.289
255	102	-.152	.037	-.047	-.293	255	222	.284	.068	.472	.080	255	402	-.153	.033	-.052	-.279
255	103	-.154	.038	-.049	-.300	255	223	.371	.083	.599	.122	255	403	-.170	.033	-.076	-.306
255	104	-.160	.038	-.042	-.296	255	224	.418	.102	.694	.049	255	404	-.187	.039	-.068	-.343
255	105	-.164	.041	-.024	-.310	255	225	.573	.119	.895	.179	255	405	-.191	.043	-.059	-.413
255	106	-.168	.048	-.027	-.352	255	226	.598	.126	.968	.179	255	406	-.184	.046	-.068	-.408
255	107	-.196	.059	-.025	-.464	255	227	.128	.166	.623	-.464	255	407	-.187	.051	-.049	-.455
255	108	-.244	.068	-.045	-.602	255	228	-.404	.183	.264	-.956	255	408	-.200	.062	-.046	-.470
255	109	-.258	.066	-.044	-.639	255	229	-.371	.144	.188	-.817	255	409	-.187	.071	.019	-.516
255	110	-.236	.063	-.019	-.636	255	230	-.006	.085	.193	-.597	255	410	-.160	.068	.012	-.568
255	111	-.249	.069	-.037	-.735	255	231	-.012	.040	.161	-.139	255	411	-.196	.087	.008	-.631
255	112	-.252	.052	-.010	-.451	255	232	-.021	.033	.134	-.129	255	412	-.240	.107	.085	-.854
255	113	-.242	.051	.012	-.476	255	233	-.053	.028	.088	-.162	255	413	-.228	.092	.105	-.704
255	114	-.234	.049	-.081	-.436	255	234	-.082	.027	.051	-.161	255	414	-.213	.077	.078	-.607
255	115	-.265	.050	-.121	-.466	255	235	-.155	.032	-.066	-.277	255	415	-.232	.081	.066	-.739
255	116	-.286	.051	-.128	-.490	255	236	-.143	.035	-.047	-.296	255	416	-.219	.069	-.012	-.612
255	117	-.331	.057	-.155	-.542	255	301	-.154	.034	-.061	-.291	255	417	-.203	.067	.017	-.665
255	118	-.615	.183	-.160	-1.341	255	302	-.162	.038	-.037	-.281	255	418	-.192	.058	-.032	-.733
255	119	-.676	.229	-.167	-1.487	255	303	-.157	.038	-.036	-.289	255	419	-.193	.054	-.027	-.634
255	120	-.249	.059	-.052	-.478	255	304	-.157	.039	-.019	-.293	255	420	-.187	.077	.108	-.541
255	121	-.060	.040	.067	-.192	255	305	-.175	.041	-.064	-.310	255	421	-.146	.046	-.013	-.358
255	122	.028	.046	.204	-.123	255	306	-.206	.045	-.091	-.501	255	422	-.039	.045	.092	-.215
255	123	.081	.053	.306	-.098	255	307	-.194	.054	-.051	-.584	255	423	.031	.045	.200	-.145
255	124	.120	.053	.305	-.050	255	308	-.182	.074	.003	-.755	255	424	.110	.047	.272	-.044
255	125	.176	.065	.379	-.030	255	309	-.198	.089	0.000	-.876	255	425	.201	.055	.381	.012
255	126	.216	.087	.466	-.079	255	310	-.206	.093	.044	-.944	255	426	.332	.077	.546	.077
255	127	.454	.116	.814	.047	255	311	-.186	.100	.049	-.903	255	427	.390	.093	.640	.106
255	128	.597	.120	.924	.146	255	312	-.192	.113	.130	-.876	255	428	.448	.110	.776	.084
255	129	.163	.144	.557	-.441	255	313	-.223	.121	.117	-.866	255	429	.516	.119	.886	.103
255	130	-.419	.158	.089	-.991	255	314	-.220	.103	.088	-.819	255	430	.576	.120	.951	.155
255	131	-.391	.125	-.037	-.867	255	315	-.213	.099	.086	-.820	255	431	.591	.119	.899	.119
255	132	-.023	.046	.101	-.254	255	316	-.221	.088	.069	-.903	255	432	.563	.126	.939	.150
255	133	-.036	.032	.066	-.131	255	317	-.231	.076	.052	-.604	255	433	.375	.160	.901	-.286
255	134	-.035	.028	.064	-.119	255	318	-.234	.071	-.047	-.661	255	434	.035	.213	.704	-.718
255	135	-.043	.025	.062	-.121	255	319	-.209	.061	-.058	-.623	255	435	-.238	.231	.445	-.988
255	136	-.070	.023	.008	-.148	255	320	-.195	.059	-.046	-.521	255	436	-.467	.220	.210	-1.077
255	137	-.148	.030	-.061	-.252	255	321	-.207	.059	-.059	-.533	255	437	-.420	.149	.096	-.879
255	138	-.153	.037	-.044	-.293	255	322	-.152	.044	-.003	-.342	255	438	-.383	.175	.178	-.919
255	201	-.152	.035	-.045	-.279	255	323	-.075	.041	.093	-.235	255	439	-.050	.101	.150	-.677
255	202	-.153	.037	-.057	-.305	255	324	-.042	.042	.103	-.213	255	440	-.040	.051	.210	-.355
255	203	-.167	.038	-.067	-.335	255	325	.002	.045	.166	-.162	255	441	-.046	.041	.160	-.188
255	204	-.171	.041	-.066	-.358	255	326	.149	.053	.311	-.010	255	442	-.080	.035	.069	-.197
255	205	-.182	.046	-.064	-.441	255	327	.230	.063	.425	.042	255	443	-.117	.031	.003	-.220
255	206	-.214	.059	-.062	-.495	255	328	.297	.073	.524	.073	255	444	-.172	.041	-.057	-.356
255	207	-.260	.067	-.091	-.570	255	329	.361	.091	.661	.085	255	445	-.194	.047	-.057	-.373
255	208	-.281	.072	-.091	-.574	255	330	.411	.122	.761	-.046	255	446	-.173	.045	-.062	-.363
255	209	-.285	.075	-.034	-.599	255	331	.578	.137	1.030	.110	255	447	-.181	.045	-.071	-.373
255	210	-.287	.080	-.037	-.602	255	332	.598	.132	.986	.088	255	501	-.189	.042	-.047	-.366
255	211	-.240	.059	.035	-.488	255	333	.112	.206	.744	-.665	255	502	-.186	.042	-.064	-.358
255	212	-.223	.055	-.005	-.448	255	334	-.432	.195	.147	-1.012	255	503	-.199	.043	-.081	-.371
255	213	-.248	.064	-.003	-.624	255	335	-.361	.151	.093	-.826	255	504	-.217	.045	-.094	-.386
255	214	-.308	.073	-.086	-.678	255	336	-.001	.097	.206	-.573	255	505	-.218	.045	-.079	-.509
255	215	-.412	.098	-.146	-.819	255	337	-.016	.038	.117	-.144	255	506	-.217	.044	-.077	-.543
255	216	-.410	.110	-.140	-.932	255	338	-.037	.037	.100	-.140	255	507	-.207	.043	-.067	-.356
255	217	-.657	.165	-.244	-1.296	255	339	-.055	.032	.085	-.152	255	508	-.199	.045	-.057	-.381
255	218	-.738	.196	-.236	-1.437	255	340	-.073	.028	.061	-.173	255	509	-.189	.053	.022	-.450
255	219	-.269	.068	-.071	-.485	255	341	-.156	.034	-.051	-.291	255	510	-.175	.060	.082	-.519
255	220	.010	.047	.163	-.141	255	342	-.162	.035	-.054	-.310	255	511	-.170	.061	.042	-.591

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	512	-.216	.081	-.024	-.724	255	628	.422	.136	.874	.047	255	804	-.230	.046	-.079	-.395
255	513	-.250	.099	.059	-.882	255	629	.547	.151	1.120	.130	255	805	-.243	.047	-.128	-.482
255	514	-.239	.088	.136	-.724	255	630	.516	.159	.989	-.041	255	806	-.237	.047	-.095	-.501
255	515	-.233	.079	.064	-.639	255	631	-.009	.271	.683	-.986	255	807	-.216	.045	-.079	-.427
255	516	-.248	.086	-.012	-.827	255	632	-.526	.263	.293	-1.362	255	808	-.200	.047	-.051	-.537
255	517	-.240	.080	.015	-.639	255	633	-.428	.218	.223	-1.258	255	809	-.208	.052	.032	-.403
255	518	-.218	.069	.002	-.630	255	634	-.053	.137	.223	-.795	255	810	-.213	.064	-.005	-.642
255	519	-.205	.058	-.032	-.499	255	635	-.067	.061	.140	-.296	255	811	-.222	.075	-.032	-.705
255	520	-.205	.055	-.062	-.430	255	636	-.092	.049	.066	-.240	255	812	-.258	.097	-.008	-.694
255	521	-.193	.058	-.024	-.472	255	637	-.117	.042	.017	-.257	255	813	-.300	.108	.041	-.898
255	522	-.133	.044	.012	-.306	255	638	-.110	.036	-.005	-.244	255	814	-.301	.098	.074	-.890
255	523	-.023	.039	.111	-.176	255	639	-.236	.050	-.066	-.411	255	815	-.295	.096	.092	-1.021
255	524	.054	.043	.213	-.101	255	640	-.239	.055	-.059	-.453	255	816	-.319	.096	.008	-.770
255	525	.136	.053	.314	-.029	255	701	-.305	.083	-.113	-.622	255	817	-.323	.093	0.000	-.771
255	526	.216	.064	.413	.015	255	702	-.225	.064	-.076	-.465	255	818	-.311	.086	.060	-.787
255	527	.275	.076	.513	.034	255	703	-.288	.073	-.103	-.624	255	819	-.293	.077	-.100	-.675
255	528	.314	.087	.586	.035	255	704	-.299	.074	-.100	-.587	255	820	-.286	.078	-.074	-.669
255	529	.395	.090	.691	.097	255	705	-.289	.074	-.091	-.611	255	821	-.282	.070	-.106	-.702
255	530	.446	.111	.807	.027	255	706	-.212	.062	-.059	-.646	255	822	-.194	.050	-.041	-.473
255	531	.553	.118	.943	.119	255	707	-.252	.056	-.085	-.534	255	823	-.066	.040	.090	-.237
255	532	.491	.145	.872	-.050	255	708	-.237	.055	-.032	-.621	255	824	.035	.042	.209	-.079
255	533	-.007	.220	.593	-.781	255	709	-.223	.059	-.022	-.492	255	825	.095	.044	.269	-.030
255	534	-.464	.232	.178	-1.175	255	710	-.176	.067	.042	-.546	255	826	.162	.052	.337	.011
255	535	-.395	.190	.131	-.988	255	711	-.240	.083	.042	-.617	255	827	.237	.066	.465	.028
255	536	-.088	.117	.170	-.773	255	712	-.292	.110	.007	-.780	255	828	.304	.085	.645	.058
255	537	-.050	.050	.138	-.255	255	713	-.327	.134	.071	-.973	255	829	.349	.102	.670	.082
255	538	-.060	.040	.094	-.181	255	714	-.263	.111	.183	-.737	255	830	.356	.113	.680	-.005
255	539	-.090	.034	.032	-.220	255	715	-.318	.118	.117	-.903	255	831	.429	.133	.806	-.017
255	540	-.133	.031	-.034	-.262	255	716	-.340	.121	.037	-.910	255	832	.369	.148	.787	-.266
255	541	-.214	.042	-.091	-.348	255	717	-.327	.112	.030	-.908	255	833	.039	.168	.637	-.561
255	542	-.221	.046	-.078	-.377	255	718	-.246	.091	.029	-.746	255	834	-.366	.197	.191	-1.043
255	601	-.237	.056	-.091	-.448	255	719	-.298	.082	-.090	-.633	255	835	-.290	.160	.131	-.936
255	602	-.190	.052	-.061	-.379	255	720	-.295	.080	-.066	-.592	255	836	-.096	.074	.136	-.375
255	603	-.247	.059	-.079	-.465	255	721	-.267	.082	-.034	-.580	255	837	-.095	.059	.119	-.406
255	604	-.270	.063	-.095	-.695	255	722	-.150	.055	.005	-.382	255	838	-.100	.053	.081	-.345
255	609	-.254	.055	-.079	-.577	255	723	-.070	.049	.093	-.303	255	839	-.118	.047	.033	-.335
255	606	-.180	.045	-.032	-.408	255	724	.034	.051	.254	-.189	255	840	-.170	.046	-.019	-.348
255	607	-.207	.049	.019	-.397	255	725	.136	.057	.340	-.064	255	841	-.298	.069	-.092	-.572
255	608	-.219	.054	-.019	-.450	255	726	.232	.062	.431	.066	255	842	-.402	.125	-.119	-.915
255	609	-.206	.063	.022	-.507	255	727	.257	.078	.830	.059	255	901	-.302	.093	-.119	-.763
255	610	-.157	.072	.049	-.546	255	728	.294	.082	.577	.056	255	902	-.314	.096	-.122	-.749
255	611	-.266	.106	0.000	-.939	255	729	.379	.103	.759	.083	255	903	-.301	.070	-.136	-.605
255	612	-.321	.125	-.012	-.945	255	730	.418	.119	.839	-.032	255	904	-.252	.056	-.065	-.558
255	613	-.304	.111	.022	-.949	255	731	.510	.152	.967	.044	255	905	-.246	.057	-.062	-.520
255	614	-.233	.092	.064	-.709	255	732	.377	.203	.949	-.374	255	906	-.243	.057	-.063	-.561
255	615	-.306	.111	.068	-1.050	255	733	-.069	.303	.724	-1.172	255	907	-.236	.058	-.071	-.496
255	616	-.307	.105	.014	-.874	255	734	-.408	.268	.294	-1.269	255	908	-.224	.055	-.030	-.479
255	617	-.279	.094	-.046	-1.069	255	735	-.397	.207	.242	-1.157	255	909	-.205	.055	-.019	-.436
255	618	-.209	.073	-.034	-.560	255	736	-.103	.111	.229	-.577	255	910	-.200	.057	-.009	-.419
255	619	-.251	.075	-.081	-.682	255	737	-.076	.057	.133	-.269	255	911	-.204	.063	.022	-.506
255	620	-.256	.075	-.081	-.588	255	738	-.086	.045	.074	-.212	255	912	-.225	.083	-.022	-.752
255	621	-.183	.057	-.029	-.465	255	739	-.111	.041	.054	-.226	255	913	-.245	.095	-.016	-.664
255	622	-.005	.043	.129	-.162	255	740	-.123	.039	.011	-.254	255	914	-.275	.105	.043	-.789
255	623	.052	.052	.235	-.142	255	741	-.190	.045	-.073	-.383	255	915	-.282	.096	.076	-.700
255	624	.126	.059	.330	-.068	255	742	-.261	.064	-.076	-.496	255	916	-.298	.097	.133	-.714
255	625	.216	.070	.462	.015	255	801	-.357	.096	-.114	-.743	255	917	-.343	.097	-.035	-.896
255	626	.346	.086	.621	.135	255	802	-.329	.078	-.119	-.692	255	918	-.355	.095	-.044	-.884
255	627	.388	.110	.751	.105	255	803	-.246	.057	-.063	-.482	255	919	-.354	.087	-.117	-.903

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	920	-.341	.086	-.115	-.781	255	1034	-.249	.160	.277	-.861	255	1206	-.208	.054	-.066	-.448
255	921	-.337	.087	-.117	-.775	255	1035	-.239	.142	.135	-.906	255	1207	-.174	.058	-.019	-.434
255	922	-.336	.087	-.119	-.767	255	1036	-.051	.068	.143	-.539	255	1208	-.112	.059	.094	-.395
255	923	-.224	.057	-.074	-.504	255	1037	-.042	.038	.101	-.215	255	1209	-.119	.045	.031	-.301
255	924	-.093	.044	.063	-.256	255	1038	-.059	.034	.069	-.189	255	1210	-.106	.047	.024	-.325
255	925	.013	.042	.174	-.103	255	1039	-.090	.032	.088	-.204	255	1211	-.073	.043	.057	-.385
255	926	.083	.043	.265	-.045	255	1040	-.145	.034	.051	-.257	255	1212	-.062	.040	.074	-.304
255	927	.128	.046	.302	.016	255	1041	-.248	.049	-.085	-.414	255	1213	-.057	.042	.095	-.341
255	928	.180	.058	.419	.042	255	1042	-.289	.063	-.132	-.553	255	1214	-.054	.045	.078	-.314
255	929	.194	.062	.423	.040	255	1101	-.365	.094	-.162	-.861	255	1215	-.055	.045	.071	-.312
255	930	.228	.073	.497	.053	255	1102	-.316	.074	-.107	-.658	255	1216	-.066	.050	.078	-.429
255	931	.255	.081	.643	.030	255	1103	-.241	.056	-.082	-.439	255	1217	-.062	.043	.094	-.296
255	932	.286	.103	.771	-.091	255	1104	-.222	.056	-.032	-.419	255	1218	-.074	.048	.065	-.343
255	933	.327	.121	.932	-.069	255	1105	-.222	.053	-.067	-.480	255	1219	-.115	.052	.040	-.351
255	934	.257	.156	.709	-.359	255	1106	-.210	.057	-.022	-.463	255	1220	-.164	.060	-.003	-.741
255	935	-.069	.187	.471	-.675	255	1107	-.183	.055	-.018	-.478	255	1221	-.222	.067	-.045	-.501
255	936	-.347	.184	.183	-1.023	255	1108	-.146	.057	.061	-.404	255	1222	-.297	.084	-.065	-.712
255	937	-.300	.155	.154	-.856	255	1109	-.105	.050	.038	-.462	255	1223	-.406	.117	-.073	-.796
255	938	-.089	.067	.149	-.648	255	1110	-.086	.050	.042	-.494	255	1224	-.481	.163	-.078	-1.140
255	939	-.065	.042	.149	-.297	255	1111	-.082	.051	.075	-.387	255	1225	-.243	.082	-.047	-.605
255	940	-.070	.037	.111	-.208	255	1112	-.082	.056	.069	-.411	255	1226	-.319	.099	-.293	-.345
255	941	-.098	.035	.074	-.205	255	1113	-.088	.055	.071	-.441	255	1227	-.078	.045	.070	-.303
255	942	-.157	.040	.011	-.297	255	1114	-.094	.063	.079	-.635	255	1228	-.067	.047	.083	-.299
255	943	-.265	.063	-.114	-.499	255	1115	-.106	.062	.080	-.552	255	1229	.001	.053	.163	-.196
255	944	-.286	.080	-.093	-.669	255	1116	-.134	.070	.091	-.576	255	1230	.208	.084	.500	0.000
255	1001	-.291	.079	-.115	-.824	255	1117	-.163	.072	.018	-.681	255	1231	.211	.077	.425	.019
255	1002	-.301	.082	-.112	-.839	255	1118	-.213	.081	-.013	-.707	255	1232	.221	.071	.442	.034
255	1003	-.282	.078	-.130	-.720	255	1119	-.264	.084	-.031	-.637	255	1233	.188	.058	.370	.044
255	1004	-.254	.061	-.106	-.589	255	1120	-.353	.104	-.100	-.872	255	1234	.222	.072	.495	.050
255	1005	-.216	.053	-.058	-.439	255	1121	-.402	.122	-.108	-.979	255	1235	.230	.075	.553	.060
255	1006	-.201	.056	-.022	-.401	255	1122	-.412	.128	-.115	-.995	255	1236	.181	.066	.430	-.066
255	1007	-.183	.054	-.027	-.378	255	1123	-.217	.066	-.047	-.589	255	1237	.129	.054	.327	-.180
255	1008	-.156	.052	.008	-.387	255	1124	-.070	.040	.061	-.256	255	1238	.044	.065	.231	-.341
255	1009	-.145	.051	.010	-.388	255	1125	.052	.039	.230	-.076	255	1239	.038	.060	.197	-.278
255	1010	-.147	.056	.024	-.438	255	1126	.145	.051	.364	.016	255	1240	.021	.055	.307	-.231
255	1011	-.152	.074	.099	-.584	255	1127	.176	.053	.393	.044	255	1241	.030	.054	.330	-.160
255	1012	-.165	.086	.080	-.605	255	1128	.186	.055	.403	.045	255	1242	.041	.048	.291	-.079
255	1013	-.185	.094	.101	-.625	255	1129	.189	.062	.429	.052	255	1243	.016	.041	.228	-.091
255	1014	-.199	.094	.136	-.702	255	1130	.171	.055	.422	-.026	255	1244	-.015	.037	.207	-.120
255	1015	-.223	.091	.111	-.592	255	1131	.119	.039	.252	-.010	255	1245	-.048	.032	.068	-.154
255	1016	-.293	.100	.072	-.786	255	1132	.071	.036	.189	-.175	255	1246	-.112	.030	-.010	-.236
255	1017	-.339	.102	-.019	-.836	255	1133	.027	.040	.152	-.191	255	1247	-.237	.044	-.107	-.434
255	1018	-.380	.104	-.022	-.983	255	1134	.006	.048	.142	-.231	255	1248	-.427	.090	-.194	-.812
255	1019	-.396	.093	-.146	-.767	255	1135	.009	.073	.252	-.256	255	1301	-.114	.030	-.005	-.246
255	1020	-.396	.092	-.152	-.770	255	1136	.003	.091	.419	-.260	255	1302	.005	.046	.146	-.202
255	1021	-.394	.092	-.162	-.763	255	1137	-.014	.068	.336	-.226	255	1303	-.290	.037	-.138	-.437
255	1022	-.241	.058	-.074	-.465	255	1138	.002	.048	.254	-.128	255	1304	-.681	.115	-.328	-1.122
255	1023	-.094	.042	.045	-.244	255	1139	-.009	.039	.205	-.146	255	1305	-.028	.031	.076	-.200
255	1024	.021	.039	.170	-.090	255	1140	-.030	.035	.155	-.162	255	1306	-.112	.044	.093	-.256
255	1025	.088	.042	.268	-.037	255	1141	-.059	.031	.058	-.163	255	1307	-.216	.044	-.093	-.370
255	1026	.129	.047	.322	-.003	255	1142	-.128	.032	.029	-.244	255	1308	-.171	.160	.246	-.779
255	1027	.151	.050	.401	.013	255	1143	-.270	.054	-.091	-.487	255	1309	.035	.062	.236	-.215
255	1028	.158	.053	.431	.021	255	1144	-.457	.109	-.202	-.877	255	1310	-.230	.059	-.020	-.478
255	1029	.151	.058	.385	-.003	255	1201	-.239	.099	-.047	-.723	255	1311	-.163	.106	.237	-.517
255	1030	.147	.072	.433	-.107	255	1202	-.254	.066	-.074	-.579	255	1312	-.295	.077	-.084	-.629
255	1031	.158	.082	.529	-.122	255	1203	-.213	.054	-.003	-.503	255	1313	-.465	.143	-.138	-.968
255	1032	.124	.110	.512	-.285	255	1204	-.213	.053	-.066	-.458	0	0	0.000	0.000	0.000	0.000
255	1033	-.064	.146	.383	-.544	255	1205	-.223	.053	-.078	-.458	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	101	-.166	.059	.002	-.524	270	221	.267	.076	.494	.054	270	401	-.157	.076	.069	-.548
270	102	-.152	.058	.065	-.438	270	222	.458	.094	.733	.194	270	402	-.134	.069	.106	-.481
270	103	-.138	.053	.075	-.339	270	223	.561	.108	.877	.245	270	403	-.139	.061	.063	-.457
270	104	-.132	.050	.024	-.358	270	224	.627	.116	.953	.295	270	404	-.155	.052	.015	-.423
270	105	-.144	.057	.019	-.595	270	225	.578	.132	.965	.110	270	405	-.154	.044	-.010	-.365
270	106	-.148	.057	.009	-.442	270	226	.136	.169	.644	-.529	270	406	-.136	.041	-.014	-.348
270	107	-.178	.064	-.005	-.485	270	227	-.615	.190	.019	-1.192	270	407	-.138	.044	.009	-.346
270	108	-.243	.075	-.024	-.583	270	228	-.670	.178	-.231	-1.386	270	408	-.148	.052	-.014	-.839
270	109	-.259	.077	-.042	-.564	270	229	-.671	.166	-.218	-1.273	270	409	-.149	.062	.021	-.925
270	110	-.246	.084	-.023	-.618	270	230	-.711	.179	-.134	-1.374	270	410	-.151	.066	.029	-.627
270	111	-.295	.101	-.045	-.731	270	231	-.468	.176	-.072	-1.179	270	411	-.168	.073	.022	-.558
270	112	-.262	.069	-.066	-.527	270	232	-.273	.124	.039	-.867	270	412	-.191	.077	.070	-.673
270	113	-.262	.068	-.031	-.529	270	233	-.192	.082	.106	-.747	270	413	-.172	.070	.082	-.641
270	114	-.286	.066	-.103	-.578	270	234	-.161	.058	.089	-.487	270	414	-.172	.074	.190	-.701
270	115	-.317	.067	-.136	-.592	270	235	-.177	.059	.091	-.485	270	415	-.258	.106	.031	-.754
270	116	-.336	.058	-.166	-.548	270	236	-.168	.070	-.003	-.612	270	416	-.356	.122	.047	-.794
270	117	-.357	.055	-.168	-.578	270	301	-.174	.074	.036	-.737	270	417	-.554	.149	-.112	-1.007
270	118	-.909	.159	-.421	-1.386	270	302	-.168	.074	.057	-.552	270	418	-.752	.157	-.193	-1.220
270	119	-1.065	.182	-.484	-1.763	270	303	-.148	.067	.051	-.492	270	419	-.782	.177	-.208	-1.585
270	120	-.265	.054	-.077	-.454	270	304	-.141	.059	.038	-.433	270	420	-.843	.216	-.325	-2.074
270	121	-.023	.054	.154	-.215	270	305	-.157	.053	.014	-.389	270	421	-.410	.089	-.118	-.724
270	122	.090	.066	.300	-.169	270	306	-.170	.048	-.046	-.349	270	422	-.107	.061	.112	-.301
270	123	.154	.077	.395	-.105	270	307	-.138	.044	-.005	-.312	270	423	.066	.066	.333	-.142
270	124	.192	.074	.408	-.065	270	308	-.117	.046	.022	-.337	270	424	.207	.071	.430	.008
270	125	.285	.087	.548	-.012	270	309	-.130	.048	.010	-.363	270	425	.340	.081	.609	.110
270	126	.405	.100	.677	.096	270	310	-.144	.052	.012	-.404	270	426	.505	.099	.807	.222
270	127	.523	.121	.885	.126	270	311	-.147	.057	.015	-.497	270	427	.557	.109	.914	.249
270	128	.253	.150	.737	-.487	270	312	-.148	.060	.012	-.423	270	428	.614	.119	.970	.252
270	129	-.551	.186	.002	-1.217	270	313	-.189	.066	-.015	-.473	270	429	.601	.129	.992	.168
270	130	-.839	.234	-.278	-1.782	270	314	-.170	.059	.140	-.666	270	430	.515	.145	.920	-.025
270	131	-.769	.204	-.243	-1.625	270	315	-.154	.062	.063	-.675	270	431	.293	.168	.766	-.343
270	132	-.539	.152	-.126	-1.047	270	316	-.188	.066	.060	-.603	270	432	.058	.179	.636	-.651
270	133	-.273	.095	-.005	-.752	270	317	-.281	.082	-.072	-.726	270	433	-.361	.193	.440	-1.210
270	134	-.200	.069	.021	-.826	270	318	-.430	.113	-.142	-.841	270	434	-.703	.174	.024	-1.814
270	135	-.162	.058	.037	-.487	270	319	-.610	.127	-.204	-1.031	270	435	-.761	.166	-.244	-1.971
270	136	-.146	.054	.052	-.574	270	320	-.918	.201	-.212	-1.559	270	436	-.670	.158	-.147	-1.504
270	137	-.176	.057	.019	-.716	270	321	-.985	.239	-.223	-1.806	270	437	-.652	.151	-.122	-1.437
270	138	-.170	.063	.010	-.604	270	322	-.372	.077	-.079	-.642	270	438	-.666	.153	-.118	-1.525
270	201	-.167	.071	.023	-.576	270	323	-.145	.060	.113	-.348	270	439	-.667	.159	-.112	-1.369
270	202	-.163	.076	.072	-.580	270	324	-.051	.059	.142	-.278	270	440	-.566	.190	.027	-1.115
270	203	-.161	.066	.052	-.649	270	325	.064	.061	.248	-.146	270	441	-.399	.180	.096	-1.100
270	204	-.155	.049	.044	-.377	270	326	.294	.076	.560	.048	270	442	-.270	.136	.140	-.885
270	205	-.165	.049	.016	-.351	270	327	.400	.085	.648	.120	270	443	-.205	.096	.151	-.672
270	206	-.191	.057	-.037	-.447	270	328	.462	.092	.747	.187	270	444	-.175	.073	.183	-.602
270	207	-.251	.064	-.045	-.550	270	329	.558	.103	.848	.247	270	445	-.186	.080	.142	-.672
270	208	-.301	.076	-.073	-.635	270	330	.609	.122	.982	.204	270	446	-.183	.079	.076	-.668
270	209	-.305	.078	-.072	-.581	270	331	.543	.141	.922	-.060	270	447	-.182	.068	.000	-.548
270	210	-.314	.081	-.031	-.630	270	332	.117	.180	.690	-.528	270	501	-.190	.077	.068	-.523
270	211	-.254	.056	-.038	-.436	270	333	-.639	.195	.055	-1.328	270	502	-.168	.072	.064	-.443
270	212	-.229	.057	-.070	-.522	270	334	-.641	.173	-.130	-1.348	270	503	-.166	.064	.032	-.428
270	213	-.325	.102	-.093	-.859	270	335	-.628	.169	-.081	-1.280	270	504	-.176	.059	-.020	-.526
270	214	-.437	.117	-.168	-.873	270	336	-.618	.180	.017	-1.257	270	505	-.139	.047	.032	-.323
270	215	-.602	.125	-.201	-1.119	270	337	-.480	.194	.081	-1.138	270	506	-.132	.038	-.014	-.311
270	216	-.724	.153	-.234	-1.273	270	338	-.330	.145	-.003	-.881	270	507	-.120	.033	-.007	-.293
270	217	-1.015	.203	-.314	-1.650	270	339	-.210	.104	.127	-.754	270	508	-.121	.036	.005	-.316
270	218	-1.081	.209	-.428	-1.751	270	340	-.149	.072	.128	-.600	270	509	-.109	.038	.020	-.311
270	219	-.269	.064	-.047	-.485	270	341	-.170	.062	.062	-.488	270	510	-.111	.051	.046	-.430
270	220	.095	.060	.281	-.089	270	342	-.185	.076	.036	-.783	270	511	-.127	.062	.034	-.692

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	512	-.149	.071	.046	-.662	270	628	.599	.145	1.060	.077	270	804	-.158	.050	.025	-.353
270	513	-.162	.073	.054	-.614	270	629	.482	.189	1.042	-.190	270	805	-.158	.036	-.050	-.299
270	514	-.156	.081	.157	-.596	270	630	-.010	.224	.662	-.835	270	806	-.149	.031	-.038	-.278
270	515	-.181	.097	.220	-.717	270	631	-.688	.271	.220	-1.694	270	807	-.130	.026	-.034	-.230
270	516	-.294	.134	.110	-.839	270	632	-.642	.264	.087	-1.707	270	808	-.120	.032	-.006	-.331
270	517	-.416	.161	.012	-.456	270	633	-.636	.262	.123	-1.753	270	809	-.122	.036	.014	-.358
270	518	-.554	.166	-.044	-1.343	270	634	-.562	.243	.152	-1.528	270	810	-.127	.049	.031	-.405
270	519	-.640	.148	-.174	-1.205	270	635	-.549	.224	.137	-1.267	270	811	-.133	.057	.039	-.566
270	520	-.661	.185	-.171	-1.677	270	636	-.421	.188	.184	-1.171	270	812	-.141	.063	.028	-.560
270	521	-.683	.190	-.267	-1.572	270	637	-.300	.153	.210	-.912	270	813	-.167	.071	.038	-.621
270	522	-.348	.080	-.088	-.647	270	638	-.172	.109	.219	-.618	270	814	-.168	.073	.108	-.643
270	523	-.085	.059	.122	-.264	270	639	-.194	.094	.090	-.611	270	815	-.176	.097	.128	-.736
270	524	.089	.067	.318	-.105	270	640	-.201	.096	.038	-.683	270	816	-.247	.130	.077	-.761
270	525	.237	.075	.492	.052	270	701	-.157	.070	.063	-.504	270	817	-.335	.153	.027	-.924
270	526	.350	.090	.624	-.360	270	702	-.106	.055	.063	-.326	270	818	-.481	.176	-.119	-1.068
270	527	.429	.097	.736	.193	270	703	-.160	.053	.039	-.388	270	819	-.641	.165	-.266	-1.365
270	528	.471	.108	.797	.210	270	704	-.169	.049	-.024	-.365	270	820	-.763	.210	-.235	-1.584
270	529	.533	.115	.915	.240	270	705	-.157	.048	.007	-.615	270	821	-.767	.240	-.277	-2.499
270	530	.555	.126	.942	.242	270	706	-.106	.038	.009	-.268	270	822	-.386	.093	-.149	-.863
270	531	.432	.155	.841	-.184	270	707	-.140	.032	-.038	-.263	270	823	-.114	.055	.081	-.321
270	532	-.035	.192	.521	-.658	270	708	-.133	.037	.022	-.331	270	824	.066	.056	.286	-.100
270	533	-.666	.198	-.027	-1.457	270	709	-.118	.045	.026	-.425	270	825	.171	.063	.408	.014
270	534	-.634	.191	-.063	-1.482	270	710	-.089	.057	.090	-.463	270	826	.265	.072	.500	.067
270	535	-.634	.186	-.085	-1.513	270	711	-.160	.075	.048	-.562	270	827	.355	.087	.643	.133
270	536	-.622	.189	-.074	-1.406	270	712	-.183	.094	.079	-.715	270	828	.415	.105	.772	.152
270	537	-.506	.191	.105	-1.161	270	713	-.190	.105	.203	-1.052	270	829	.419	.115	.788	.106
270	538	-.380	.180	.091	-1.208	270	714	-.145	.100	.178	-.700	270	830	.420	.116	.863	.091
270	539	-.273	.144	.135	-.846	270	715	-.220	.125	.186	-.835	270	831	.302	.152	.741	-.263
270	540	-.205	.111	.206	-.756	270	716	-.332	.170	.341	-1.122	270	832	-.096	.195	.632	-.788
270	541	-.202	.097	.123	-.666	270	717	-.457	.204	.041	-1.281	270	833	-.585	.182	.008	-1.301
270	542	-.211	.098	.067	-.739	270	718	-.544	.185	-.038	-1.173	270	834	-.758	.189	-.210	-1.493
270	601	-.165	.080	.094	-.529	270	719	-.738	.181	-.304	-1.533	270	835	-.705	.171	-.203	-1.288
270	602	-.103	.065	.106	-.637	270	720	-.410	.231	-.306	-1.788	270	836	-.428	.126	-.066	-.882
270	603	-.154	.059	.097	-.364	270	721	-.815	.258	-.270	-2.039	270	837	-.414	.138	-.066	-.916
270	604	-.168	.048	.007	-.352	270	722	-.358	.099	-.070	-.738	270	838	-.379	.137	-.061	-1.012
270	605	-.149	.041	-.009	-.333	270	723	-.124	.067	.145	-.364	270	839	-.322	.135	.003	-.998
270	606	-.085	.034	.027	-.246	270	724	.075	.052	.371	-.092	270	840	-.260	.115	.053	-.988
270	607	-.121	.037	.022	-.331	270	725	.229	.072	.509	.046	270	841	-.227	.098	.077	-.910
270	608	-.138	.046	-.005	-.417	270	726	.353	.079	.642	.174	270	842	-.207	.083	.022	-.569
270	609	-.136	.064	.036	-.495	270	727	.419	.098	.799	.133	270	901	-.174	.065	-.003	-.563
270	610	-.104	.072	.099	-.570	270	728	.472	.103	.837	.184	270	902	-.162	.063	.048	-.502
270	611	-.171	.078	.084	-.570	270	729	.567	.110	.922	.289	270	903	-.162	.066	.017	-1.157
270	612	-.198	.086	.067	-.657	270	730	.591	.131	1.043	.227	270	904	-.160	.044	-.030	-.430
270	613	-.190	.096	.183	-.644	270	731	.434	.192	.913	-.707	270	905	-.160	.042	-.036	-.375
270	614	-.166	.105	.219	-.627	270	732	-.268	.260	.526	-1.742	270	906	-.159	.040	-.036	-.360
270	615	-.338	.163	.186	-.939	270	733	-.815	.357	-.012	-2.269	270	907	-.158	.038	-.044	-.339
270	616	-.493	.195	.089	-1.199	270	734	-.663	.346	-.012	-2.037	270	908	-.145	.031	-.033	-.364
270	617	-.642	.200	-.005	-1.385	270	735	-.493	.260	-.030	-1.531	270	909	-.126	.033	.002	-.302
270	618	-.672	.178	-.159	-1.436	270	736	-.446	.204	0.000	-1.287	270	910	-.121	.037	-.011	-.394
270	619	-.788	.238	-.147	-2.015	270	737	-.352	.147	.039	-.987	270	911	-.127	.045	.013	-.430
270	620	-.748	.264	-.147	-2.308	270	738	-.287	.118	.058	-.766	270	912	-.135	.055	.064	-.568
270	621	-.414	.105	.046	-.855	270	739	-.266	.111	.072	-.715	270	913	-.135	.059	.034	-.622
270	622	-.058	.062	.258	-.270	270	740	-.229	.100	.081	-.621	270	914	-.153	.063	.031	-.716
270	623	.103	.073	.341	-.096	270	741	-.219	.108	.039	-.694	270	915	-.147	.059	.019	-.568
270	624	.238	.081	.512	.019	270	742	-.223	.120	.059	-.763	270	916	-.163	.075	.122	-.582
270	625	.378	.097	.722	.120	270	801	-.188	.082	.036	-.805	270	917	-.212	.112	.130	-.816
270	626	.528	.111	.883	.207	270	802	-.174	.073	.027	-.543	270	918	-.295	.141	.083	-.860
270	627	.584	.131	1.024	.142	270	803	-.160	.060	.047	-.597	270	919	-.425	.158	-.111	-.926

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	920	-.593	.161	-.203	-1.218	270	1034	-.540	.162	-.206	-1.314	270	1206	-.158	.036	-.050	-.320
270	921	-.744	.211	-.288	-1.664	270	1035	-.547	.162	-.096	-1.256	270	1207	-.141	.039	-.029	-.341
270	922	-.759	.243	-.288	-1.947	270	1036	-.463	.184	-.008	-1.208	270	1208	-.089	.049	.211	-.307
270	923	-.369	.088	-.119	-.727	270	1037	-.270	.134	.045	-.947	270	1209	-.112	.036	.011	-.433
270	924	-.120	.052	.108	-.292	270	1038	-.166	.080	.040	-.564	270	1210	-.109	.037	.055	-.290
270	925	.053	.050	.274	-.105	270	1039	-.131	.050	.021	-.366	270	1211	-.090	.035	.034	-.371
270	926	.153	.057	.429	.011	270	1040	-.134	.042	.011	-.358	270	1212	-.084	.036	.026	-.368
270	927	.225	.066	.468	.036	270	1041	-.175	.045	-.039	-.418	270	1213	-.081	.037	.026	-.294
270	928	.282	.071	.538	.090	270	1042	-.197	.065	-.045	-.530	270	1214	-.082	.040	.024	-.271
270	929	.302	.075	.560	.087	270	1101	-.189	.053	-.055	-.458	270	1215	-.080	.038	.032	-.276
270	930	.335	.086	.605	.092	270	1102	-.174	.049	-.042	-.377	270	1216	-.085	.040	.060	-.305
270	931	.337	.100	.763	.064	270	1103	-.156	.041	-.032	-.347	270	1217	-.083	.030	.040	-.294
270	932	.341	.115	.811	-.037	270	1104	-.158	.040	-.014	-.405	270	1218	-.071	.029	.026	-.328
270	933	.166	.158	.652	-.487	270	1105	-.161	.043	-.005	-.401	270	1219	-.078	.032	.065	-.386
270	934	-.210	.187	.443	-.787	270	1106	-.158	.047	-.006	-.422	270	1220	-.105	.044	.065	-.424
270	935	-.577	.141	-.080	-1.113	270	1107	-.158	.048	-.050	-.397	270	1221	-.161	.056	-.023	-.392
270	936	-.585	.150	-.156	-1.267	270	1108	-.144	.046	-.018	-.366	270	1222	-.271	.081	-.090	-.621
270	937	-.576	.138	-.169	-1.167	270	1109	-.116	.038	.011	-.384	270	1223	-.511	.119	-.219	-.918
270	938	-.533	.143	-.108	-1.105	270	1110	-.104	.041	.032	-.385	270	1224	-.681	.189	-.260	-1.341
270	939	-.365	.129	-.043	-.878	270	1111	-.104	.044	.005	-.395	270	1225	-.283	.098	-.044	-.693
270	940	-.220	.089	.010	-.766	270	1112	-.109	.047	.008	-.392	270	1226	-.131	.006	-.110	-.152
270	941	-.166	.060	.029	-.454	270	1113	-.123	.047	-.005	-.411	270	1227	-.065	.050	.129	-.224
270	942	-.165	.054	.026	-.446	270	1114	-.128	.052	.011	-.426	270	1228	-.039	.055	.171	-.226
270	943	-.191	.063	-.014	-.506	270	1115	-.118	.040	.002	-.303	270	1229	.052	.054	.245	-.171
270	944	-.191	.080	-.016	-.690	270	1116	-.106	.037	.021	-.320	270	1230	.279	.080	.568	.077
270	1001	-.178	.061	-.048	-.607	270	1117	-.088	.032	.015	-.320	270	1231	.283	.069	.526	.103
270	1002	-.170	.057	-.018	-.623	270	1118	-.113	.044	.024	-.426	270	1232	.298	.066	.544	.124
270	1003	-.165	.047	.008	-.384	270	1119	-.182	.075	-.018	-.594	270	1233	.270	.059	.526	.105
270	1004	-.160	.049	.047	-.872	270	1120	-.402	.141	-.097	-.939	270	1234	.313	.079	.642	.098
270	1005	-.161	.043	-.022	-.434	270	1121	-.554	.157	-.144	-1.262	270	1235	.302	.080	.629	.086
270	1006	-.161	.043	-.029	-.363	270	1122	-.576	.177	-.160	-1.360	270	1236	.229	.069	.499	.047
270	1007	-.153	.039	-.029	-.315	270	1123	-.268	.075	-.036	-.587	270	1237	.142	.065	.403	-.071
270	1008	-.123	.034	-.006	-.294	270	1124	-.072	.041	.110	-.236	270	1238	.127	.138	.229	-.863
270	1009	-.114	.036	.080	-.303	270	1125	.085	.041	.253	-.031	270	1239	.142	.125	.137	-.868
270	1010	-.114	.046	.047	-.371	270	1126	.196	.051	.389	.060	270	1240	.140	.100	.098	-.738
270	1011	-.126	.049	.024	-.421	270	1127	.226	.053	.437	.095	270	1241	-.068	.067	.132	-.421
270	1012	-.125	.053	.037	-.462	270	1128	.243	.057	.444	.086	270	1242	-.027	.048	.139	-.379
270	1013	-.141	.055	.016	-.479	270	1129	.271	.068	.631	.113	270	1243	-.043	.034	.094	-.208
270	1014	-.131	.048	.018	-.443	270	1130	.240	.063	.618	.097	270	1244	-.066	.033	.044	-.189
270	1015	-.137	.057	.072	-.583	270	1131	.147	.046	.483	.027	270	1245	-.085	.029	.021	-.202
270	1016	-.170	.085	.098	-.636	270	1132	.051	.050	.261	-.113	270	1246	-.112	.029	-.021	-.232
270	1017	-.237	.120	.027	-.854	270	1133	-.119	.110	.089	-.678	270	1247	-.167	.038	-.053	-.324
270	1018	-.351	.154	-.072	-.963	270	1134	-.214	.122	.044	-.726	270	1248	-.248	.069	-.063	-.536
270	1019	-.521	.154	-.154	-1.122	270	1135	-.254	.114	.042	-.665	270	1301	-.056	.039	.070	-.288
270	1020	-.643	.162	-.216	-1.421	270	1136	-.259	.105	.039	-.679	270	1302	-.181	.088	.150	-.571
270	1021	-.651	.178	-.215	-1.534	270	1137	-.213	.098	.024	-.865	270	1303	-.457	.070	-.272	-.777
270	1022	-.320	.078	-.055	-.665	270	1138	-.113	.079	.040	-.573	270	1304	-.081	.156	-.588	-1.630
270	1023	-.106	.047	.125	-.257	270	1139	-.079	.044	.058	-.310	270	1305	-.413	.109	.016	-.876
270	1024	.056	.045	.312	-.067	270	1140	-.082	.035	.056	-.263	270	1306	-.263	.141	.129	-.854
270	1025	.145	.052	.368	.027	270	1141	-.093	.031	.024	-.257	270	1307	-.205	.100	-.042	-.681
270	1026	.205	.060	.443	.058	270	1142	-.117	.033	-.002	-.284	270	1308	-.471	.218	.021	-1.374
270	1027	.232	.063	.493	.072	270	1143	-.173	.045	-.060	-.387	270	1309	-.157	.086	.096	-.484
270	1028	.224	.063	.467	.053	270	1144	-.221	.073	-.071	-.549	270	1310	-.219	.061	-.007	-.531
270	1029	.196	.067	.461	-.008	270	1201	-.182	.055	.003	-.437	270	1311	-.079	.062	.134	-.377
270	1030	.178	.084	.515	-.087	270	1202	-.178	.048	-.026	-.381	270	1312	-.530	.097	-.239	-.981
270	1031	.020	.130	.443	-.469	270	1203	-.147	.048	.039	-.341	270	1313	-.867	.204	-.281	-1.604
270	1032	-.258	.165	.271	-.890	270	1204	-.167	.043	.023	-.353	0	0	0.000	0.000	0.000	0.000
270	1033	-.532	.159	.006	-1.238	270	1205	-.173	.036	-.061	-.308	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	101	-.292	.119	.040	-.871	285	221	.400	.094	.715	.088	285	401	-.317	.075	0.000	-.616
285	102	-.275	.101	.036	-.926	285	222	.541	.113	.840	.125	285	402	-.284	.059	-.038	-.515
285	103	-.265	.096	.043	-1.032	285	223	.593	.119	.931	.175	285	403	-.289	.053	-.075	-.494
285	104	-.253	.070	.052	-.595	285	224	.590	.121	.902	.202	285	404	-.271	.050	-.105	-.430
285	105	-.266	.071	-.052	-.520	285	225	.330	.140	.763	-.154	285	405	-.252	.046	-.120	-.413
285	106	-.302	.090	-.016	-.642	285	226	-.132	.123	.268	-.774	285	406	-.213	.042	-.055	-.372
285	107	-.392	.122	-.066	-.798	285	227	-.336	.078	-.127	-.744	285	407	-.206	.043	-.038	-.382
285	108	-.502	.130	-.045	-.980	285	228	-.288	.067	-.105	-.720	285	408	-.200	.043	-.063	-.372
285	109	-.511	.139	-.023	-1.268	285	229	-.305	.067	-.120	-.717	285	409	-.196	.046	-.046	-.388
285	110	-.516	.179	-.029	-1.129	285	230	-.307	.070	-.122	-.691	285	410	-.190	.046	-.017	-.372
285	111	-.565	.206	-.094	-1.337	285	231	-.320	.083	-.101	-.954	285	411	-.207	.046	-.027	-.401
285	112	-.387	.089	-.139	-.685	285	232	-.324	.093	-.058	-.900	285	412	-.206	.049	-.051	-.406
285	113	-.277	.060	-.095	-.579	285	233	-.345	.098	.022	-.912	285	413	-.181	.037	-.067	-.326
285	114	-.266	.058	-.092	-.524	285	234	-.343	.097	-.060	-.924	285	414	-.143	.030	-.053	-.261
285	115	-.300	.065	-.097	-.605	285	235	-.352	.114	-.017	-1.141	285	415	-.149	.031	-.021	-.302
285	116	-.324	.062	-.132	-.578	285	236	-.346	.125	-.031	-1.183	285	416	-.152	.030	-.017	-.320
285	117	-.338	.057	-.090	-.532	285	301	-.325	.083	-.058	-.696	285	417	-.193	.048	-.017	-.557
285	118	-.696	.133	-.331	-1.183	285	302	-.295	.069	-.039	-.518	285	418	-.381	.161	-.070	-1.171
285	119	-.827	.156	-.406	-1.417	285	303	-.285	.063	-.029	-.485	285	419	-.939	.203	-.390	-1.565
285	120	-.101	.068	.172	-.321	285	304	-.274	.061	-.055	-.494	285	420	-1.121	.233	-.412	-1.998
285	121	.091	.075	.333	-.158	285	305	-.290	.061	-.077	-.508	285	421	-.311	.098	.048	-.638
285	122	.183	.083	.480	-.083	285	306	-.294	.058	-.079	-.523	285	422	.043	.078	.400	-.217
285	123	.236	.089	.548	-.056	285	307	-.221	.045	-.075	-.374	285	423	.229	.088	.557	-.037
285	124	.264	.091	.531	-.017	285	308	-.180	.046	-.027	-.365	285	424	.358	.094	.645	.072
285	125	.339	.098	.621	.010	285	309	-.192	.048	-.021	-.451	285	425	.476	.100	.813	.162
285	126	.421	.106	.728	.049	285	310	-.182	.049	-.039	-.470	285	426	.588	.112	.961	.222
285	127	.330	.121	.708	-.114	285	311	-.181	.049	-.019	-.501	285	427	.589	.116	.963	.232
285	128	-.046	.122	.404	-.505	285	312	-.176	.047	-.010	-.410	285	428	.559	.125	.976	.162
285	129	-.389	.071	-.151	-.754	285	313	-.205	.048	-.033	-.398	285	429	.456	.136	.833	-.050
285	130	-.318	.064	-.125	-.635	285	314	-.166	.035	-.036	-.285	285	430	.249	.152	.688	-.455
285	131	-.308	.064	-.130	-.630	285	315	-.134	.031	-.022	-.230	285	431	-.014	.150	.435	-.728
285	132	-.323	.086	-.137	-.985	285	316	-.135	.030	-.019	-.271	285	432	-.199	.116	.193	-.652
285	133	-.345	.110	-.061	-1.107	285	317	-.180	.034	-.048	-.345	285	433	-.346	.074	-.023	-.707
285	134	-.347	.129	.036	-1.169	285	318	-.227	.044	-.101	-.412	285	434	-.293	.062	-.087	-.568
285	135	-.342	.144	.101	-1.015	285	319	-.356	.077	-.173	-.719	285	435	-.279	.057	-.082	-.577
285	136	-.335	.135	.043	-.893	285	320	-.899	.186	-.372	-1.672	285	436	-.269	.060	-.108	-.540
285	137	-.329	.138	.050	-.978	285	321	-1.040	.213	-.434	-1.952	285	437	-.266	.062	-.090	-.582
285	138	-.316	.130	.019	-.971	285	322	-.242	.084	.110	-.539	285	438	-.272	.061	-.077	-.583
285	201	-.292	.081	.031	-.671	285	323	-.019	.077	.316	-.290	285	439	-.281	.064	-.067	-.623
285	202	-.276	.073	-.003	-.656	285	324	.074	.078	.415	-.175	285	440	-.295	.077	-.050	-.738
285	203	-.277	.063	-.033	-.548	285	325	.212	.084	.530	-.039	285	441	-.298	.083	.038	-.820
285	204	-.273	.056	-.042	-.472	285	326	.422	.096	.722	.089	285	442	-.313	.077	.048	-.692
285	205	-.296	.063	-.080	-.538	285	327	.500	.105	.787	.127	285	443	-.332	.075	.028	-.657
285	206	-.370	.087	-.128	-.642	285	328	.557	.112	.875	.151	285	444	-.340	.091	.010	-.700
285	207	-.505	.114	-.165	-.857	285	329	.576	.122	.914	.170	285	445	-.334	.095	.020	-.765
285	208	-.634	.158	-.177	-1.238	285	330	.572	.125	.936	.221	285	446	-.348	.099	.023	-.765
285	209	-.658	.167	-.146	-1.289	285	331	.295	.145	.777	-.244	285	447	-.341	.086	.010	-.680
285	210	-.683	.174	-.144	-1.209	285	332	-.145	.127	.393	-.585	285	501	-.321	.071	-.067	-.543
285	211	-.396	.076	-.082	-.626	285	333	-.339	.088	-.132	-1.008	285	502	-.293	.055	-.093	-.458
285	212	-.280	.049	-.073	-.447	285	334	-.297	.069	-.094	-.597	285	503	-.288	.048	-.117	-.448
285	213	-.320	.079	-.116	-.702	285	335	-.296	.071	-.091	-.667	285	504	-.283	.044	-.117	-.437
285	214	-.417	.102	-.137	-.862	285	336	-.294	.073	-.065	-.698	285	505	-.262	.039	-.132	-.380
285	215	-.564	.120	-.234	-.982	285	337	-.325	.089	-.074	-.770	285	506	-.236	.039	-.083	-.370
285	216	-.725	.126	-.309	-1.155	285	338	-.316	.085	-.067	-.799	285	507	-.221	.042	-.073	-.352
285	217	-.884	.152	-.364	-1.514	285	339	-.320	.086	-.053	-.794	285	508	-.214	.043	-.075	-.348
285	218	-.883	.193	-.210	-1.646	285	340	-.322	.082	-.053	-.698	285	509	-.206	.040	-.060	-.360
285	219	-.071	.081	.225	-.444	285	341	-.357	.107	-.014	-.799	285	510	-.202	.043	-.053	-.382
285	220	.254	.082	.569	-.017	285	342	-.359	.120	-.039	-.935	285	511	-.212	.044	-.055	-.402

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	512	-.218	.044	-.072	-.415	285	628	.518	.151	.965	.021	285	804	-.284	.039	-.110	-.406
285	513	-.210	.047	-.055	-.420	285	629	.195	.182	.759	-.418	285	805	-.261	.035	-.144	-.383
285	514	-.200	.038	-.085	-.365	285	630	-.212	.129	.338	-.724	285	806	-.232	.035	-.114	-.376
285	515	-.166	.030	-.063	-.280	285	631	-.367	.103	-.071	-1.240	285	807	-.206	.034	-.019	-.340
285	516	-.152	.029	-.040	-.323	285	632	-.343	.090	-.086	-1.235	285	808	-.192	.035	-.043	-.354
285	517	-.157	.039	-.023	-.723	285	633	-.330	.091	-.070	-1.201	285	809	-.189	.036	-.044	-.327
285	518	-.207	.077	-.032	-.870	285	634	-.258	.087	-.015	-1.059	285	810	-.183	.040	-.037	-.327
285	519	-.410	.193	-.105	-1.338	285	635	-.356	.101	-.128	-1.059	285	811	-.183	.041	-.022	-.318
285	520	-.966	.225	-.370	-1.895	285	636	-.368	.085	-.097	-.795	285	812	-.185	.041	-.030	-.357
285	521	-1.051	.237	-.423	-1.928	285	637	-.377	.085	-.060	-.735	285	813	-.190	.039	-.065	-.333
285	522	-.306	.104	.032	-.670	285	638	-.321	.082	.021	-.754	285	814	-.186	.032	-.090	-.298
285	523	.037	.079	.345	-.210	285	639	-.414	.108	-.011	-.889	285	815	-.153	.027	-.054	-.300
285	524	.235	.082	.567	-.038	285	640	-.427	.118	-.087	-.954	285	816	-.142	.029	-.030	-.316
285	525	.388	.093	.680	.120	285	701	-.343	.070	-.112	-.594	285	817	-.161	.035	-.030	-.497
285	526	.483	.103	.790	.230	285	702	-.250	.052	-.074	-.434	285	818	-.201	.061	-.024	-.884
285	527	.529	.112	.855	.238	285	703	-.319	.045	-.157	-.491	285	819	-.349	.153	-.062	-1.283
285	528	.541	.118	.886	.213	285	704	-.309	.041	-.178	-.476	285	820	-.852	.210	-.264	-1.815
285	529	.554	.117	.933	.203	285	705	-.286	.039	-.167	-.452	285	821	-.973	.240	-.305	-1.897
285	530	.486	.126	.891	.038	285	706	-.181	.037	-.031	-.334	285	822	-.316	.111	.217	-.684
285	531	.140	.158	.700	-.335	285	707	-.226	.037	-.049	-.356	285	823	.005	.077	.495	-.208
285	532	-.266	.116	.193	-.852	285	708	-.212	.038	-.055	-.348	285	824	.199	.079	.527	-.011
285	533	-.289	.081	-.052	-.852	285	709	-.195	.040	-.032	-.342	285	825	.303	.081	.579	.078
285	534	-.267	.077	-.037	-.810	285	710	-.124	.040	.042	-.266	285	826	.387	.090	.664	.110
285	535	-.272	.075	-.048	-.823	285	711	-.203	.046	-.024	-.400	285	827	.438	.101	.764	.146
285	536	-.280	.080	-.060	-.825	285	712	-.209	.047	-.044	-.393	285	828	.448	.114	.843	.122
285	537	-.293	.091	-.078	-.823	285	713	-.212	.052	-.019	-.408	285	829	.384	.121	.757	.046
285	538	-.296	.089	-.070	-.748	285	714	-.140	.040	-.019	-.329	285	830	.331	.139	.827	-.087
285	539	-.314	.080	-.027	-.747	285	715	-.183	.033	-.019	-.405	285	831	0.000	.180	.535	-.589
285	540	-.333	.076	-.052	-.678	285	716	-.176	.037	.015	-.510	285	832	-.401	.171	.291	-1.068
285	541	-.415	.109	-.016	-.949	285	717	-.184	.054	-.036	-.874	285	833	-.488	.221	-.097	-1.432
285	542	-.427	.120	-.044	-1.015	285	718	-.170	.093	0.000	-1.146	285	834	-.457	.185	-.140	-1.188
285	601	-.367	.076	-.052	-.618	285	719	-.453	.201	-.139	-1.383	285	835	-.393	.115	-.121	-1.157
285	602	-.258	.053	-.050	-.447	285	720	-1.062	.261	-.468	-1.985	285	836	-.387	.104	-.090	-.784
285	603	-.318	.047	-.138	-.461	285	721	-1.175	.300	-.478	-2.322	285	837	-.390	.101	-.116	-.799
285	604	-.294	.040	-.113	-.432	285	722	-.310	.122	.081	-.743	285	838	-.326	.076	-.105	-.802
285	605	-.255	.038	-.123	-.364	285	723	-.005	.085	.369	-.311	285	839	-.318	.079	-.060	-.907
285	606	-.171	.037	-.037	-.298	285	724	.232	.083	.565	.016	285	840	-.330	.076	-.057	-.840
285	607	-.204	.041	-.050	-.398	285	725	.390	.092	.695	.142	285	841	-.351	.087	-.060	-.760
285	608	-.211	.043	-.021	-.419	285	726	.513	.094	.837	.251	285	842	-.355	.093	-.060	-.867
285	609	-.199	.046	-.006	-.416	285	727	.511	.107	.907	.257	285	901	-.320	.077	-.056	-.643
285	610	-.131	.043	.060	-.342	285	728	.535	.113	.933	.253	285	902	-.295	.058	-.071	-.491
285	611	-.216	.048	-.044	-.408	285	729	.572	.126	1.064	.264	285	903	-.290	.050	-.117	-.497
285	612	-.231	.051	-.076	-.431	285	730	.558	.129	1.038	.215	285	904	-.288	.042	-.157	-.406
285	613	-.229	.043	-.092	-.413	285	731	.152	.195	.839	-.861	285	905	-.278	.041	-.148	-.410
285	614	-.110	.032	.008	-.243	285	732	-.400	.149	.210	-1.418	285	906	-.262	.039	-.138	-.392
285	615	-.168	.034	.023	-.385	285	733	-.423	.157	-.099	-1.687	285	907	-.238	.038	-.095	-.391
285	616	-.189	.046	-.036	-.557	285	734	-.282	.124	.011	-1.344	285	908	-.209	.039	-.086	-.349
285	617	-.243	.086	-.044	-.941	285	735	-.314	.098	-.024	-1.307	285	909	-.189	.041	-.027	-.325
285	618	-.373	.190	-.066	-1.302	285	736	-.313	.095	-.013	-1.230	285	910	-.181	.042	-.022	-.325
285	619	-1.122	.254	-.416	-2.114	285	737	-.303	.068	-.059	-.721	285	911	-.187	.039	-.035	-.306
285	620	-1.247	.289	-.466	-2.380	285	738	-.307	.063	-.060	-.651	285	912	-.183	.043	.005	-.337
285	621	-.399	.122	.076	-.839	285	739	-.329	.064	-.089	-.665	285	913	-.184	.038	-.029	-.373
285	622	.082	.081	.416	-.209	285	740	-.339	.071	-.108	-.673	285	914	-.195	.042	-.059	-.378
285	623	.244	.088	.683	.023	285	741	-.334	.092	-.098	-.751	285	915	-.176	.032	-.071	-.292
285	624	.382	.098	.827	.120	285	742	-.341	.107	-.090	-.865	285	916	-.158	.031	-.065	-.278
285	625	.509	.112	.908	.215	285	801	-.330	.066	-.081	-.676	285	917	-.144	.032	-.041	-.340
285	626	.624	.119	1.004	.316	285	802	-.309	.053	-.097	-.543	285	918	-.150	.041	-.035	-.459
285	627	.590	.141	1.073	.235	285	803	-.293	.046	-.105	-.476	285	919	-.194	.069	-.043	-.664

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	920	-.321	.140	-.037	-.976	285	1034	-.413	.120	-.156	-1.153	285	1206	-.242	.048	-.127	-.443
285	921	-.780	.202	-.156	-1.635	285	1035	-.390	.108	-.131	-1.246	285	1207	-.212	.047	-.058	-.382
285	922	-.858	.223	-.171	-1.915	285	1036	-.384	.105	-.107	-1.009	285	1208	-.199	.068	-.029	-.513
285	923	-.284	.099	.154	-.610	285	1037	-.376	.091	-.069	-.869	285	1209	-.212	.047	-.086	-.425
285	924	-.003	.070	.254	-.147	285	1038	-.359	.081	-.033	-.724	285	1210	-.207	.045	-.076	-.373
285	925	.174	.071	.468	-.005	285	1039	-.353	.087	-.120	-.770	285	1211	-.191	.043	-.049	-.333
285	926	.249	.077	.575	.058	285	1040	-.332	.085	-.084	-.770	285	1212	-.194	.046	-.063	-.406
285	927	.325	.082	.632	.094	285	1041	-.322	.079	-.102	-.725	285	1213	-.192	.052	-.052	-.529
285	928	.357	.084	.681	.134	285	1042	-.321	.084	-.075	-.781	285	1214	-.193	.052	-.049	-.529
285	929	.357	.086	.708	.116	285	1101	-.307	.074	-.134	-.599	285	1215	-.186	.051	-.037	-.476
285	930	.358	.094	.730	.083	285	1102	-.279	.069	-.108	-.674	285	1216	-.192	.053	-.023	-.494
285	931	.313	.112	.705	.057	285	1103	-.267	.061	-.116	-.678	285	1217	-.162	.037	-.045	-.304
285	932	.229	.133	.657	-.099	285	1104	-.257	.057	-.112	-.692	285	1218	-.113	.029	-.005	-.211
285	933	-.172	.186	.357	-.827	285	1105	-.256	.046	-.150	-.443	285	1219	-.076	.028	.034	-.179
285	934	-.462	.171	.006	-1.309	285	1106	-.249	.047	-.137	-.450	285	1220	-.072	.033	.044	-.224
285	935	-.424	.156	-.131	-1.159	285	1107	-.248	.046	-.107	-.419	285	1221	-.092	.051	.060	-.404
285	936	-.402	.145	-.123	-1.089	285	1108	-.234	.047	-.056	-.427	285	1222	-.173	.085	.024	-.643
285	937	-.394	.139	-.126	-.953	285	1109	-.232	.044	-.067	-.426	285	1223	-.389	.121	-.037	-.917
285	938	-.406	.139	-.056	-.939	285	1110	-.220	.046	-.030	-.416	285	1224	-.526	.167	-.146	-1.270
285	939	-.414	.105	-.147	-.850	285	1111	-.222	.046	-.073	-.400	285	1225	-.153	.072	.071	-.456
285	940	-.354	.095	0.000	-1.000	285	1112	-.222	.045	-.078	-.407	285	1226	-.082	.008	-.060	-.109
285	941	-.341	.099	.075	-1.008	285	1113	-.220	.045	-.054	-.413	285	1227	.075	.060	.370	-.127
285	942	-.340	.100	.046	-1.078	285	1114	-.214	.048	-.030	-.391	285	1228	.145	.059	.356	-.106
285	943	-.348	.084	.057	-.947	285	1115	-.181	.036	-.041	-.293	285	1229	.335	.086	.632	.141
285	944	-.340	.089	.011	-.768	285	1116	-.136	.029	-.037	-.247	285	1230	.338	.076	.586	.141
285	1001	-.294	.064	-.056	-.587	285	1117	-.093	.029	.008	-.214	285	1231	.352	.076	.593	.158
285	1002	-.284	.057	-.064	-.588	285	1118	-.088	.034	.031	-.244	285	1232	.338	.076	.601	.145
285	1003	-.287	.053	-.137	-.615	285	1119	-.104	.053	.037	-.425	285	1233	.355	.084	.737	.167
285	1004	-.270	.046	-.121	-.477	285	1120	-.230	.126	.054	-.830	285	1234	.297	.080	.656	.127
285	1005	-.262	.044	-.099	-.419	285	1121	-.455	.124	-.174	-1.038	285	1235	.172	.065	.437	-.019
285	1006	-.243	.044	-.112	-.407	285	1122	-.494	.140	-.231	-1.200	285	1236	.005	.060	.284	-.198
285	1007	-.224	.043	-.059	-.414	285	1123	-.171	.062	.019	-.437	285	1237	-.506	.149	-.039	-1.073
285	1008	-.200	.045	-.062	-.403	285	1124	.026	.045	.206	-.122	285	1238	-.451	.152	-.060	-1.099
285	1009	-.199	.046	-.037	-.402	285	1125	.174	.055	.408	.019	285	1239	-.386	.135	-.037	-.900
285	1010	-.197	.048	-.046	-.472	285	1126	.271	.062	.534	.107	285	1241	-.346	.122	-.080	-.926
285	1011	-.208	.045	-.059	-.510	285	1127	.297	.062	.546	.110	285	1242	-.324	.126	-.005	-.940
285	1012	-.197	.047	-.041	-.475	285	1128	.306	.054	.568	.141	285	1243	-.267	.108	.032	-.960
285	1013	-.209	.049	-.054	-.494	285	1129	.302	.063	.593	.120	285	1244	-.239	.094	.054	-.747
285	1014	-.185	.037	-.073	-.375	285	1130	.236	.059	.554	.054	285	1245	-.209	.074	.008	-.542
285	1019	-.168	.032	-.086	-.320	285	1131	.105	.048	.318	-.037	285	1246	-.209	.065	.041	-.536
285	1016	-.141	.032	-.054	-.363	285	1132	-.080	.051	.133	-.268	285	1247	-.243	.068	.039	-.503
285	1017	-.151	.041	-.048	-.451	285	1133	-.444	.126	-.169	-1.003	285	1248	-.327	.115	-.023	-.900
285	1018	-.193	.070	-.062	-.641	285	1134	-.444	.148	-.159	-1.156	285	1301	-.289	.138	.040	-1.301
285	1019	-.319	.135	-.061	-.831	285	1135	-.401	.133	-.075	-1.023	285	1302	-.331	.130	.080	-.893
285	1020	-.659	.162	-.231	-1.256	285	1136	-.394	.125	-.096	-.875	285	1303	-.473	.099	-.019	-.839
285	1021	-.720	.179	-.292	-1.393	285	1137	-.377	.124	-.081	-.979	285	1304	-.841	.198	-.265	-1.398
285	1022	-.257	.083	.115	-.523	285	1138	-.376	.128	-.023	-1.010	285	1305	-.497	.084	-.219	-.900
285	1023	-.031	.056	.188	-.193	285	1139	-.322	.100	.021	-.841	285	1306	-.334	.069	-.130	-.630
285	1024	.140	.056	.397	-.022	285	1140	-.285	.087	-.011	-.650	285	1307	-.324	.065	-.173	-.630
285	1025	.221	.060	.529	.073	285	1141	-.255	.078	-.016	-.693	285	1308	-.288	.080	-.056	-.924
285	1026	.277	.064	.545	.116	285	1142	-.246	.071	.018	-.529	285	1309	-.124	.085	.135	-.643
285	1027	.276	.072	.572	.104	285	1143	-.262	.073	-.049	-.602	285	1310	-.329	.071	-.104	-.581
285	1028	.258	.077	.662	.062	285	1144	-.317	.104	-.034	-.809	285	1311	-.181	.050	0.000	-.369
285	1029	.169	.077	.553	-.022	285	1201	-.224	.087	.006	-.614	285	1312	-.558	.100	-.241	-1.081
285	1030	.053	.083	.485	-.174	285	1202	-.225	.083	.031	-.524	285	1313	-.902	.168	-.382	-1.596
285	1031	-.305	.132	.207	-.752	285	1203	-.205	.078	.021	-.476	0	0	0.000	0.000	0.000	0.000
285	1032	-.453	.134	-.134	-1.000	285	1204	-.244	.068	-.011	-.476	0	0	0.000	0.000	0.000	0.000
285	1033	-.430	.130	-.161	-1.121	285	1205	-.254	.053	-.041	-.486						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	101	-.341	.069	-.086	-.622	300	221	.513	.116	.853	.079	300	401	-.357	.051	-.196	-.522
300	102	-.322	.063	-.037	-.548	300	222	.579	.116	.941	.198	300	402	-.322	.045	-.172	-.469
300	103	-.313	.063	-.035	-.550	300	223	.551	.119	1.005	.166	300	403	-.325	.045	-.145	-.463
300	104	-.306	.058	-.100	-.492	300	224	.436	.118	.900	.090	300	404	-.302	.042	-.152	-.440
300	105	-.311	.062	-.070	-.543	300	225	.074	.134	.347	-.529	300	405	-.286	.041	-.147	-.446
300	106	-.328	.075	-.061	-.734	300	226	-.378	.072	-.090	-.626	300	406	-.254	.040	-.099	-.420
300	107	-.385	.112	-.107	-1.010	300	227	-.321	.055	-.143	-.589	300	407	-.259	.044	-.099	-.415
300	108	-.428	.137	-.137	-1.043	300	228	-.311	.051	-.147	-.563	300	408	-.242	.043	-.108	-.394
300	109	-.426	.135	-.126	-1.113	300	229	-.325	.049	-.157	-.541	300	409	-.241	.045	-.096	-.403
300	110	-.456	.220	-.110	-1.416	300	230	-.314	.047	-.157	-.592	300	410	-.231	.045	-.092	-.387
300	111	-.464	.244	-.102	-1.511	300	231	-.321	.049	-.142	-.527	300	411	-.251	.045	-.108	-.415
300	112	-.278	.087	-.039	-.609	300	232	-.321	.049	-.106	-.516	300	412	-.249	.049	-.060	-.464
300	113	-.151	.053	.067	-.326	300	233	-.354	.050	-.191	-.551	300	413	-.176	.037	-.046	-.355
300	114	-.125	.051	.096	-.292	300	234	-.359	.055	-.189	-.611	300	414	-.088	.038	.034	-.242
300	115	-.158	.056	.051	-.348	300	235	-.374	.072	-.169	-.715	300	415	-.045	.046	.118	-.217
300	116	-.175	.054	.025	-.378	300	236	-.369	.078	-.150	-.770	300	416	-.010	.045	.160	-.134
300	117	-.175	.056	.016	-.401	300	301	-.358	.051	-.203	-.550	300	417	-.006	.052	.170	-.155
300	118	-.330	.110	.007	-.772	300	302	-.333	.046	-.164	-.579	300	418	-.031	.075	.176	-.493
300	119	-.410	.141	.061	-1.012	300	303	-.323	.046	-.143	-.538	300	419	-.443	.183	.038	-1.062
300	120	.125	.086	.441	-.165	300	304	-.307	.047	-.092	-.483	300	420	-.556	.230	.044	-1.712
300	121	.244	.090	.551	-.068	300	305	-.322	.050	-.119	-.516	300	421	.050	.119	.372	-.430
300	122	.302	.095	.641	-.012	300	306	-.324	.056	-.149	-.495	300	422	.291	.104	.614	-.021
300	123	.338	.100	.700	-.028	300	307	-.258	.049	-.082	-.613	300	423	.389	.108	.720	.101
300	124	.353	.105	.767	-.025	300	308	-.228	.048	-.072	-.512	300	424	.476	.115	.786	.171
300	125	.383	.116	.751	-.028	300	309	-.241	.049	-.090	-.512	300	425	.542	.119	.874	.229
300	126	.370	.121	.751	-.042	300	310	-.233	.046	-.082	-.463	300	426	.579	.126	.952	.263
300	127	.012	.130	.397	-.488	300	311	-.232	.049	-.039	-.468	300	427	.502	.124	.882	.181
300	128	-.346	.079	-.016	-.609	300	312	-.224	.048	-.070	-.471	300	428	.377	.126	.794	-.007
300	129	-.318	.055	-.142	-.665	300	313	-.244	.048	-.084	-.493	300	429	.169	.133	.630	-.255
300	130	-.311	.052	-.151	-.544	300	314	-.142	.037	-.009	-.275	300	430	-.122	.136	.318	-.527
300	131	-.304	.051	-.135	-.541	300	315	-.071	.042	.121	-.210	300	431	-.352	.096	-.005	-.841
300	132	-.306	.051	-.152	-.551	300	316	-.036	.045	.114	-.171	300	432	-.358	.070	-.033	-.642
300	133	-.322	.057	-.135	-.660	300	317	-.051	.049	.113	-.212	300	433	-.310	.061	-.121	-.807
300	134	-.321	.058	-.124	-.674	300	318	-.046	.048	.133	-.222	300	434	-.293	.056	-.114	-.650
300	135	-.327	.061	-.082	-.644	300	319	-.085	.063	.145	-.381	300	435	-.305	.055	-.121	-.670
300	136	-.339	.062	-.112	-.592	300	320	-.403	.166	.087	-1.079	300	436	-.297	.052	-.126	-.668
300	137	-.362	.078	-.047	-.776	300	321	-.500	.192	.157	-1.273	300	437	-.292	.053	-.109	-.706
300	138	-.360	.083	-.049	-.800	300	322	-.054	.113	.415	-.302	300	438	-.288	.052	-.119	-.643
300	201	-.332	.054	-.119	-.550	300	323	.189	.108	.592	-.155	300	439	-.302	.050	-.136	-.590
300	202	-.320	.048	-.168	-.499	300	324	.253	.106	.587	-.063	300	440	-.307	.054	-.124	-.588
300	203	-.321	.047	-.172	-.469	300	325	.383	.111	.741	.041	300	441	-.315	.054	-.109	-.521
300	204	-.313	.050	-.130	-.478	300	326	.540	.119	.679	.174	300	442	-.327	.054	-.145	-.531
300	205	-.335	.062	-.130	-.532	300	327	.575	.124	.896	.201	300	443	-.356	.057	-.175	-.586
300	206	-.402	.102	-.135	-.949	300	328	.591	.126	.954	.225	300	444	-.364	.066	-.201	-.665
300	207	-.573	.159	-.193	-1.187	300	329	.533	.128	.915	.157	300	445	-.360	.068	-.189	-.635
300	208	-.712	.214	-.173	-1.467	300	330	.405	.123	.760	.070	300	446	-.363	.070	-.188	-.642
300	209	-.731	.239	-.161	-1.527	300	331	-.109	.134	.357	-.638	300	447	-.369	.063	-.201	-.621
300	210	-.717	.253	-.180	-1.534	300	332	-.379	.071	-.140	-.734	300	501	-.337	.053	-.194	-.586
300	211	-.382	.089	-.131	-.646	300	333	-.327	.056	-.162	-.633	300	502	-.311	.046	-.175	-.555
300	212	-.199	.051	-.030	-.394	300	334	-.313	.049	-.160	-.498	300	503	-.295	.044	-.137	-.523
300	213	-.150	.056	.040	-.476	300	335	-.309	.049	-.154	-.524	300	504	-.295	.042	-.150	-.500
300	214	-.203	.080	.063	-.627	300	336	-.301	.047	-.166	-.495	300	505	-.277	.038	-.103	-.413
300	215	-.327	.120	.039	-.861	300	337	-.327	.047	-.191	-.500	300	506	-.256	.040	-.103	-.385
300	216	-.539	.140	-.116	-1.033	300	338	-.395	.050	-.188	-.551	300	507	-.241	.043	-.100	-.394
300	217	-.580	.152	-.070	-1.108	300	339	-.346	.054	-.135	-.657	300	508	-.251	.045	-.105	-.407
300	218	-.423	.184	.173	-1.166	300	340	-.255	.058	-.188	-.642	300	509	-.233	.049	-.039	-.426
300	219	.200	.105	.550	-.142	300	341	-.389	.070	-.207	-.857	300	510	-.231	.051	-.036	-.413
300	220	.420	.107	.795	.044	300	342	-.388	.071	-.166	-.667	300	511	-.229	.051	-.056	-.412

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	512	-.243	.049	-.064	-.426	300	628	-.327	.152	.865	-.176	300	804	-.298	.039	-.140	-.415
300	513	-.235	.046	-.077	-.441	300	629	-.171	.169	.403	-.683	300	805	-.283	.041	-.126	-.418
300	514	-.189	.038	-.062	-.354	300	630	-.342	.089	-.083	-.998	300	806	-.263	.041	-.074	-.396
300	515	-.094	.039	.077	-.207	300	631	-.383	.084	-.184	-1.049	300	807	-.249	.040	-.077	-.385
300	516	-.046	.046	.150	-.173	300	632	-.385	.081	-.190	-.979	300	808	-.244	.043	-.069	-.413
300	517	-0.000	.050	.145	-.150	300	633	-.374	.084	-.165	-1.054	300	809	-.251	.039	-.109	-.391
300	518	.009	.060	.180	-.180	300	634	-.295	.083	-.093	-.928	300	810	-.252	.041	-.129	-.396
300	519	-.016	.089	.193	-.452	300	635	-.373	.084	-.200	-.739	300	811	-.247	.040	-.114	-.401
300	520	-.404	.207	.038	-1.259	300	636	-.389	.057	-.197	-.625	300	812	-.247	.040	-.123	-.402
300	521	-.536	.249	.207	-1.489	300	637	-.397	.059	-.179	-.670	300	813	-.253	.048	-.076	-.423
300	522	.036	.125	.400	-.338	300	638	-.323	.059	-.139	-.635	300	814	-.210	.042	-.084	-.361
300	523	.283	.103	.622	.016	300	639	-.411	.072	-.208	-.731	300	815	-.123	.041	.035	-.238
300	524	.394	.110	.738	.096	300	640	-.424	.078	-.210	-.787	300	816	-.062	.047	.106	-.189
300	525	.489	.117	.897	.121	300	701	-.362	.050	-.214	-.528	300	817	-.044	.050	.140	-.260
300	526	.542	.121	.892	.132	300	702	-.266	.043	-.082	-.438	300	818	-.036	.063	.180	-.544
300	527	.568	.125	.959	.134	300	703	-.337	.048	-.118	-.504	300	819	-.073	.101	.210	-.874
300	528	.534	.126	.936	.109	300	704	-.327	.047	-.101	-.509	300	820	-.396	.224	.170	-1.273
300	529	.497	.124	.978	.140	300	705	-.306	.048	-.088	-.518	300	821	-.437	.252	.207	-1.388
300	530	.344	.126	.825	.008	300	706	-.209	.046	-.018	-.376	300	822	.006	.139	.464	-.429
300	531	-.147	.135	.322	-.575	300	707	-.274	.047	-.094	-.494	300	823	.194	.104	.626	-.079
300	532	-.367	.081	-.109	-1.057	300	708	-.272	.048	-.093	-.464	300	824	.301	.098	.702	.065
300	533	-.308	.054	-.136	-.617	300	709	-.265	.050	-.090	-.472	300	825	.351	.099	.768	.092
300	534	-.302	.054	-.069	-.567	300	710	-.190	.049	.002	-.397	300	826	.389	.106	.827	.107
300	535	-.293	.050	-.109	-.461	300	711	-.267	.055	-.085	-.512	300	827	.389	.122	.805	.071
300	536	-.312	.050	-.142	-.480	300	712	-.270	.054	-.099	-.529	300	828	.361	.136	.866	-.043
300	537	-.302	.054	-.154	-.715	300	713	-.258	.057	-.086	-.501	300	829	.280	.134	.854	-.082
300	538	-.309	.053	-.170	-.598	300	714	-.149	.044	-.013	-.325	300	830	.170	.143	.683	-.282
300	539	-.319	.051	-.175	-.554	300	715	-.136	.042	.034	-.270	300	831	-.255	.153	.323	-.781
300	540	-.347	.054	-.201	-.570	300	716	-.073	.048	.176	-.200	300	832	-.420	.120	-.118	-1.172
300	541	-.420	.068	-.245	-.742	300	717	-.028	.056	.267	-.181	300	833	-.386	.113	-.121	-1.153
300	542	-.431	.072	-.238	-.801	300	718	.027	.062	.290	-.226	300	834	-.373	.105	-.107	-.996
300	601	-.385	.054	-.190	-.558	300	719	-.078	.102	.178	-.736	300	835	-.366	.101	-.093	-.902
300	602	-.283	.043	-.120	-.429	300	720	-.500	.256	.107	-1.515	300	836	-.376	.106	-.115	-.849
300	603	-.335	.046	-.157	-.510	300	721	-.579	.289	.154	-1.716	300	837	-.373	.094	-.134	-.830
300	604	-.313	.047	-.130	-.494	300	722	.033	.140	.509	-.473	300	838	-.340	.055	-.163	-.573
300	605	-.285	.048	-.090	-.507	300	723	.221	.118	.725	-.074	300	839	-.351	.053	-.207	-.560
300	606	-.191	.047	-.003	-.398	300	724	.365	.120	.891	.038	300	840	-.356	.053	-.188	-.590
300	607	-.271	.050	-.104	-.416	300	725	.472	.126	1.020	.104	300	841	-.373	.061	-.175	-.620
300	608	-.282	.052	-.120	-.438	300	726	.538	.120	1.009	.203	300	842	-.384	.067	-.178	-.658
300	609	-.277	.055	-.091	-.448	300	727	.525	.126	.952	.210	300	901	-.364	.059	-.166	-.648
300	610	-.189	.050	-.035	-.350	300	728	.519	.130	.980	.192	300	902	-.331	.048	-.186	-.573
300	611	-.281	.051	-.125	-.441	300	729	.514	.139	1.049	.162	300	903	-.318	.045	-.151	-.533
300	612	-.287	.052	-.120	-.453	300	730	.444	.132	.910	.082	300	904	-.305	.044	-.150	-.473
300	613	-.242	.045	-.112	-.343	300	731	-.119	.167	.422	-.598	300	905	-.294	.044	-.136	-.456
300	614	-.063	.041	.110	-.179	300	732	-.511	.125	-.149	-1.270	300	906	-.276	.042	-.095	-.431
300	615	-.065	.055	.219	-.608	300	733	-.441	.136	-.155	-1.697	300	907	-.261	.045	-.117	-.413
300	616	-.045	.059	.160	-.270	300	734	-.320	.114	-.059	-1.308	300	908	-.260	.044	-.076	-.432
300	617	-.032	.073	.205	-.344	300	735	-.339	.076	-.144	-.868	300	909	-.254	.047	-.039	-.439
300	618	-.038	.115	.248	-.744	300	736	-.341	.075	-.144	-.880	300	910	-.247	.047	-.074	-.420
300	619	-.543	.265	.232	-1.513	300	737	-.329	.056	-.092	-.680	300	911	-.260	.049	-.093	-.417
300	620	-.646	.293	.261	-1.714	300	738	-.337	.048	-.194	-.486	300	912	-.251	.047	-.055	-.418
300	621	-.007	.152	.566	-.446	300	739	-.350	.045	-.227	-.499	300	913	-.251	.049	-.093	-.423
300	622	.315	.106	.763	.046	300	740	-.351	.048	-.222	-.547	300	914	-.258	.052	-.096	-.443
300	623	.422	.126	.886	.021	300	741	-.347	.056	-.202	-.641	300	915	-.196	.042	-.052	-.358
300	624	.496	.129	1.011	.106	300	742	-.353	.062	-.197	-.704	300	916	-.131	.038	.013	-.251
300	625	.565	.135	1.043	.205	300	801	-.357	.050	-.194	-.536	300	917	-.072	.043	.096	-.200
300	626	.600	.129	1.060	.224	300	802	-.338	.043	-.191	-.511	300	918	-.047	.048	.125	-.174
300	627	.496	.149	.964	.056	300	803	-.318	.040	-.191	-.459	300	919	-.045	.058	.170	-.260

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	920	-.084	.081	.166	-.604	300	1034	-.379	.091	-.132	-1.045	300	1206	-.291	.042	-.122	-.465
300	921	-.358	.186	.126	-1.103	300	1035	-.370	.081	-.155	-1.157	300	1207	-.261	.039	-.119	-.416
300	922	-.416	.204	.142	-1.270	300	1036	-.359	.079	-.159	-.860	300	1208	-.252	.057	-.059	-.525
300	923	-.041	.107	.431	-.458	300	1037	-.365	.078	-.188	-.929	300	1209	-.252	.038	-.145	-.416
300	924	.122	.092	.486	-.139	300	1038	-.372	.079	-.205	-.781	300	1210	-.240	.036	-.146	-.395
300	925	.233	.091	.551	0.000	300	1039	-.379	.071	-.205	-.770	300	1211	-.227	.038	-.112	-.385
300	926	.298	.090	.609	.088	300	1040	-.369	.067	-.182	-.847	300	1212	-.230	.040	-.107	-.401
300	927	.315	.100	.667	.101	300	1041	-.379	.075	-.182	-.785	300	1213	-.238	.045	-.098	-.385
300	928	.315	.096	.704	.060	300	1042	-.384	.079	-.187	-.796	300	1214	-.238	.048	-.096	-.398
300	929	.301	.095	.718	.048	300	1101	-.333	.058	-.124	-.599	300	1215	-.233	.047	-.073	-.406
300	930	.276	.103	.706	-.013	300	1102	-.309	.054	-.048	-.562	300	1216	-.242	.050	-.088	-.429
300	931	.219	.114	.619	-.081	300	1103	-.304	.051	-.082	-.602	300	1217	-.171	.036	-.052	-.294
300	932	.092	.118	.559	-.309	300	1104	-.291	.047	-.122	-.483	300	1218	-.071	.035	.101	-.179
300	933	-.333	.120	.240	-.791	300	1105	-.297	.050	-.093	-.533	300	1219	.008	.040	.203	-.141
300	934	-.387	.098	-.143	-.971	300	1106	-.282	.050	-.084	-.451	300	1220	.043	.047	.263	-.125
300	935	-.368	.084	-.147	-1.134	300	1107	-.277	.046	-.077	-.414	300	1221	.054	.061	.267	-.197
300	936	-.346	.077	-.127	-.962	300	1108	-.273	.045	-.063	-.404	300	1222	.033	.087	.314	-.332
300	937	-.332	.069	-.134	-.780	300	1109	-.276	.042	-.064	-.425	300	1223	-.104	.120	.241	-.548
300	938	-.335	.066	-.110	-.651	300	1110	-.265	.043	-.066	-.424	300	1224	-.183	.140	.189	-.749
300	939	-.351	.061	-.166	-.607	300	1111	-.267	.044	-.111	-.438	300	1225	.045	.101	.369	-.306
300	940	-.344	.058	-.188	-.669	300	1112	-.266	.044	-.108	-.424	300	1225	-.193	.007	-.169	-.216
300	941	-.356	.055	-.200	-.585	300	1113	-.272	.046	-.127	-.441	300	1226	.172	.079	.463	-.052
300	942	-.377	.060	-.230	-.654	300	1114	-.266	.048	-.111	-.445	300	1227	.195	.083	.492	-.057
300	943	-.402	.068	-.224	-.659	300	1115	-.188	.037	-.085	-.342	300	1228	.240	.079	.486	-.026
300	944	-.398	.073	-.217	-.683	300	1116	-.095	.036	.010	-.240	300	1229	.354	.098	.655	.093
300	1001	-.364	.059	-.184	-.627	300	1117	-.020	.042	.148	.167	300	1230	.359	.091	.627	.098
300	1002	-.337	.050	-.121	-.532	300	1118	.012	.049	.189	.180	300	1231	.364	.089	.637	.120
300	1003	-.322	.047	-.161	-.530	300	1119	.022	.060	.219	.280	300	1232	.344	.089	.647	.031
300	1004	-.294	.047	-.143	-.514	300	1120	-.029	.108	.216	-.514	300	1233	.347	.084	.668	.137
300	1005	-.275	.047	-.029	-.440	300	1121	-.179	.126	.151	-.748	300	1234	.282	.083	.614	.078
300	1006	-.265	.050	-.040	-.425	300	1122	-.220	.130	.158	-.886	300	1235	.156	.073	.504	-.041
300	1007	-.282	.047	-.108	-.412	300	1123	-.007	.077	.273	-.273	300	1236	-.011	.071	.362	-.262
300	1008	-.270	.048	-.082	-.427	300	1124	.129	.066	.414	-.086	300	1237	-.509	.144	-.140	-1.182
300	1009	-.271	.048	-.095	-.433	300	1125	.240	.071	.458	.042	300	1238	-.424	.120	-.102	-1.038
300	1010	-.273	.048	-.071	-.443	300	1126	.305	.071	.593	.125	300	1239	-.347	.095	-.049	-.816
300	1011	-.269	.046	-.100	-.432	300	1127	.315	.069	.634	.148	300	1241	-.335	.085	-.117	-.881
300	1012	-.258	.049	-.072	-.448	300	1128	.317	.069	.689	.124	300	1242	-.332	.080	-.115	-.834
300	1013	-.264	.050	-.074	-.424	300	1129	.296	.070	.657	.117	300	1243	-.319	.070	-.130	-.736
300	1014	-.199	.039	-.029	-.319	300	1130	.226	.066	.556	.024	300	1244	-.322	.068	-.143	-.787
300	1015	-.139	.038	-.016	-.277	300	1131	.089	.061	.374	-.120	300	1245	-.320	.059	-.148	-.557
300	1016	-.068	.040	.106	-.214	300	1132	-.100	.065	.164	-.346	300	1246	-.310	.062	-.148	-.705
300	1017	-.046	.043	.110	-.224	300	1133	-.448	.097	-.192	-1.219	300	1247	-.289	.059	-.080	-.611
300	1018	-.039	.054	.137	-.428	300	1134	-.407	.098	-.166	-1.105	300	1248	-.282	.063	-.046	-.626
300	1019	-.073	.091	.156	-.561	300	1135	-.368	.087	-.145	-.954	300	1301	-.385	.103	-.061	-.832
300	1020	-.278	.160	.185	-1.300	300	1136	-.367	.086	-.127	-.960	300	1302	-.321	.077	.004	-.669
300	1021	-.330	.193	.148	-1.340	300	1137	-.343	.080	-.091	-.939	300	1303	-.375	.071	-.173	-.644
300	1022	-.036	.107	.313	-.506	300	1138	-.346	.079	-.127	-.842	300	1304	-.354	.065	-.140	-.709
300	1023	.080	.074	.390	-.168	300	1139	-.337	.074	-.156	-.678	300	1305	-.391	.080	-.165	-.816
300	1024	.179	.069	.491	-.031	300	1140	-.347	.072	-.169	-.647	300	1306	-.359	.054	-.186	-.578
300	1025	.212	.067	.490	.047	300	1141	-.348	.068	-.171	-.739	300	1307	-.351	.051	-.191	-.620
300	1026	.234	.067	.553	.058	300	1142	-.341	.063	-.153	-.608	300	1308	-.325	.076	-.117	-.977
300	1027	.228	.070	.472	.019	300	1143	-.319	.059	-.148	-.577	300	1309	-.107	.100	.345	-.499
300	1028	.197	.086	.585	-.069	300	1144	-.327	.062	-.143	-.621	300	1310	-.311	.078	-.004	-.581
300	1029	.095	.094	.498	-.242	300	1201	-.227	.080	.002	-.458	300	1311	-.175	.043	-.044	-.327
300	1030	-.038	.097	.404	-.361	300	1202	-.222	.077	-.018	-.453	300	1312	-.420	.125	-.095	-.875
300	1031	-.408	.112	.155	-.999	300	1203	-.221	.078	-.010	-.475	300	1313	-.732	.190	-.028	-1.569
300	1032	-.428	.117	-.127	-1.219	300	1204	-.298	.055	-.102	-.504	0	0	0.000	0.000	0.000	0.000
300	1033	-.401	.101	-.134	-1.092	300	1205	-.307	.045	-.174	-.489	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	101	-.352	.059	-.144	-.553	315	221	.529	.122	.944	.085	315	401	-.370	.054	-.205	-.545
315	102	-.333	.058	-.147	-.545	315	222	.508	.122	.815	.123	315	402	-.344	.051	-.156	-.538
315	103	-.321	.060	-.126	-.529	315	223	.412	.115	.721	-.027	315	403	-.343	.050	-.168	-.512
315	104	-.321	.057	-.109	-.514	315	224	.207	.103	.486	-.250	315	404	-.310	.045	-.147	-.462
315	105	-.332	.061	-.116	-.607	315	225	-.335	.086	.106	-.663	315	405	-.300	.044	-.142	-.447
315	106	-.339	.083	-.093	-.740	315	226	-.335	.062	-.163	-.719	315	406	-.279	.043	-.134	-.455
315	107	-.358	.122	-.104	-1.124	315	227	-.328	.058	-.161	-.666	315	407	-.284	.045	-.152	-.466
315	108	-.383	.127	-.116	-1.176	315	228	-.318	.055	-.161	-.695	315	408	-.267	.045	-.120	-.421
315	109	-.418	.182	-.125	-1.479	315	229	-.325	.052	-.183	-.603	315	409	-.270	.046	-.147	-.420
315	110	-.485	.257	-.119	-1.705	315	230	-.316	.047	-.134	-.483	315	410	-.263	.045	-.137	-.430
315	111	-.523	.251	-.126	-1.774	315	231	-.326	.045	-.185	-.476	315	411	-.274	.046	-.154	-.432
315	112	-.140	.073	.183	-.472	315	232	-.328	.045	-.185	-.474	315	412	-.272	.052	-.094	-.488
315	113	.012	.073	.432	-.227	315	233	-.352	.046	-.207	-.534	315	413	-.115	.047	.053	-.322
315	114	.050	.073	.342	-.187	315	234	-.356	.051	-.216	-.606	315	414	.027	.060	.228	-.202
315	115	.028	.073	.322	-.204	315	235	-.374	.059	-.190	-.640	315	415	.123	.074	.368	-.128
315	116	.015	.072	.263	-.277	315	236	-.374	.063	-.154	-.666	315	416	.170	.076	.410	-.104
315	117	.016	.077	.297	-.344	315	301	-.360	.049	-.187	-.586	315	417	.201	.084	.472	-.075
315	118	-.008	.107	.372	-.593	315	302	-.337	.050	-.183	-.533	315	418	.231	.096	.522	-.238
315	119	.012	.146	.524	-.711	315	303	-.330	.049	-.166	-.524	315	419	.081	.164	.478	-.555
315	120	.288	.101	.569	-.093	315	304	-.320	.050	-.116	-.498	315	420	.051	.211	.643	-.687
315	121	.312	.098	.616	-.040	315	305	-.331	.051	-.180	-.491	315	421	.376	.134	.780	-.145
315	122	.314	.097	.692	-.047	315	306	-.312	.051	-.130	-.517	315	422	.497	.127	.849	.069
315	123	.311	.098	.642	.024	315	307	-.271	.049	-.098	-.497	315	423	.528	.126	.878	.165
315	124	.295	.101	.604	-.024	315	308	-.262	.046	-.094	-.435	315	424	.571	.116	.960	.268
315	125	.282	.102	.630	-.069	315	309	-.271	.046	-.099	-.443	315	425	.579	.114	.945	.163
315	126	.199	.100	.555	-.176	315	310	-.258	.052	-.079	-.449	315	426	.527	.114	.908	.162
315	127	-.260	.092	.189	-.562	315	311	-.257	.054	-.075	-.457	315	427	.390	.107	.738	.049
315	128	-.344	.062	-.144	-.716	315	312	-.254	.054	-.075	-.440	315	428	.178	.103	.678	-.181
315	129	-.327	.056	-.138	-.740	315	313	-.268	.054	-.092	-.457	315	429	-.082	.099	.478	-.478
315	130	-.317	.051	-.138	-.574	315	314	-.071	.047	.082	-.252	315	430	-.350	.081	.039	-.697
315	131	-.306	.049	-.142	-.514	315	315	.039	.060	.224	-.224	315	431	-.375	.067	-.165	-.794
315	132	-.316	.050	-.149	-.481	315	316	.095	.066	.310	-.221	315	432	-.332	.058	-.170	-.715
315	133	-.333	.051	-.163	-.486	315	317	.107	.070	.330	-.204	315	433	-.330	.059	-.162	-.728
315	134	-.335	.050	-.164	-.496	315	318	.153	.073	.377	-.055	315	434	-.331	.057	-.173	-.542
315	135	-.339	.051	-.159	-.534	315	319	.169	.085	.409	-.096	315	435	-.329	.056	-.171	-.710
315	136	-.347	.058	-.126	-.597	315	320	.086	.144	.430	-.502	315	436	-.326	.056	-.122	-.570
315	137	-.372	.070	-.088	-.687	315	321	.077	.172	.514	-.627	315	437	-.326	.056	-.093	-.576
315	138	-.371	.073	-.114	-.721	315	322	.331	.120	.798	-.122	315	438	-.326	.055	-.121	-.545
315	201	-.346	.053	-.176	-.553	315	323	.356	.120	.806	-.092	315	439	-.327	.051	-.150	-.524
315	202	-.336	.047	-.159	-.498	315	324	.375	.123	.914	-.027	315	440	-.326	.047	-.176	-.498
315	203	-.335	.046	-.157	-.495	315	325	.488	.130	.967	.021	315	441	-.339	.046	-.186	-.501
315	204	-.328	.046	-.159	-.461	315	326	.570	.124	.938	.199	315	442	-.353	.045	-.194	-.542
315	205	-.339	.056	-.163	-.557	315	327	.559	.127	.920	.200	315	443	-.365	.049	-.233	-.609
315	206	-.358	.075	-.182	-.697	315	328	.528	.127	.885	.164	315	444	-.386	.059	-.242	-.669
315	207	-.461	.138	-.182	-.989	315	329	.408	.125	.764	.034	315	445	-.391	.061	-.243	-.749
315	208	-.553	.196	-.185	-1.299	315	330	.170	.111	.562	-.163	315	446	-.400	.064	-.240	-.756
315	209	-.559	.212	-.180	-1.460	315	331	-.348	.083	-.050	-.700	315	447	-.385	.056	-.225	-.687
315	210	-.568	.251	-.173	-1.634	315	332	-.325	.057	-.164	-.594	315	501	-.356	.054	-.136	-.540
315	211	-.336	.092	-.125	-.645	315	333	-.332	.054	-.171	-.591	315	502	-.334	.048	-.163	-.513
315	212	-.139	.058	.085	-.327	315	334	-.319	.048	-.173	-.533	315	503	-.323	.046	-.134	-.500
315	213	-.002	.069	.232	-.244	315	335	-.315	.047	-.164	-.502	315	504	-.310	.043	-.085	-.483
315	214	.033	.078	.282	-.254	315	336	-.313	.044	-.173	-.462	315	505	-.296	.047	-.104	-.467
315	215	-.015	.106	.275	-.503	315	337	-.333	.044	-.183	-.497	315	506	-.292	.048	-.111	-.472
315	216	-.181	.161	.230	-.956	315	338	-.327	.047	-.164	-.497	315	507	-.292	.048	-.147	-.480
315	217	-.180	.183	.419	-.911	315	339	-.339	.049	-.173	-.503	315	508	-.286	.047	-.136	-.465
315	218	.034	.193	.709	-.647	315	340	-.349	.052	-.170	-.598	315	509	-.273	.050	-.109	-.465
315	219	.389	.118	.778	-.062	315	341	-.380	.061	-.212	-.711	315	510	-.277	.051	-.119	-.467
315	220	.497	.118	.887	.105	315	342	-.395	.069	-.207	-.740	315	511	-.280	.051	-.126	-.467

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	512	-.276	.050	-.121	-.475	315	628	.112	.136	.565	-.308	315	804	-.301	.047	-.056	-.467
315	513	-.273	.050	-.124	-.490	315	629	-.421	.107	.050	-.935	315	805	-.294	.048	-.100	-.468
315	514	-.155	.048	-.028	-.305	315	630	-.318	.080	-.061	-.923	315	806	-.287	.052	-.123	-.468
315	515	-.006	.058	.165	-.178	315	631	-.397	.071	-.151	-.735	315	807	-.279	.051	-.114	-.451
315	516	.100	.070	.376	-.098	315	632	-.403	.072	-.167	-.796	315	808	-.278	.052	-.109	-.471
315	517	.171	.079	.509	-.052	315	633	-.394	.072	-.178	-.748	315	809	-.290	.052	-.119	-.457
315	518	.210	.084	.575	-.070	315	634	-.329	.063	-.154	-.623	315	810	-.290	.053	-.103	-.456
315	519	.236	.105	.601	-.103	315	635	-.380	.054	-.183	-.594	315	811	-.283	.053	-.101	-.481
315	520	.082	.193	.580	-.678	315	636	-.400	.052	-.248	-.633	315	812	-.282	.054	-.086	-.464
315	521	.073	.215	.625	-.823	315	637	-.404	.055	-.267	-.607	315	813	-.284	.056	-.094	-.612
315	522	.367	.131	.759	-.096	315	638	-.349	.053	-.200	-.569	315	814	-.168	.051	.022	-.400
315	523	.486	.123	.860	.155	315	639	-.440	.076	-.240	-.762	315	815	-.023	.055	.169	-.231
315	524	.524	.123	.883	.181	315	640	-.456	.084	-.239	-.830	315	816	.085	.064	.292	-.126
315	525	.546	.119	.909	.181	315	701	-.373	.054	-.183	-.557	315	817	.125	.066	.361	-.056
315	526	.540	.119	.874	.165	315	702	-.288	.048	-.112	-.436	315	818	.169	.075	.439	-.031
315	527	.520	.121	.903	.137	315	703	-.337	.053	-.136	-.588	315	819	.189	.088	.493	-.204
315	528	.454	.116	.838	.052	315	704	-.332	.051	-.120	-.588	315	820	.093	.162	.540	-.576
315	529	.330	.117	.733	.011	315	705	-.313	.050	-.125	-.556	315	821	.088	.184	.590	-.520
315	530	.108	.111	.462	-.251	315	706	-.249	.049	-.104	-.463	315	822	.299	.128	.776	-.061
315	531	-.373	.090	-.013	-.699	315	707	-.314	.052	-.115	-.532	315	823	.368	.119	.829	.055
315	532	-.346	.066	-.150	-.860	315	708	-.319	.053	-.109	-.517	315	824	.401	.121	.735	.100
315	533	-.324	.056	-.104	-.594	315	709	-.307	.056	-.096	-.541	315	825	.400	.113	.790	.053
315	534	-.322	.057	-.134	-.627	315	710	-.251	.054	-.069	-.583	315	826	.398	.118	.812	.034
315	535	-.322	.052	-.158	-.580	315	711	-.317	.065	-.114	-.742	315	827	.339	.121	.712	.008
315	536	-.325	.052	-.183	-.665	315	712	-.319	.066	-.123	-.724	315	828	.263	.128	.696	-.094
315	537	-.323	.052	-.153	-.475	315	713	-.309	.068	-.099	-.722	315	829	.172	.129	.652	-.220
315	538	-.335	.052	-.149	-.527	315	714	-.131	.054	.050	-.359	315	830	-.004	.119	.432	-.339
315	539	-.348	.054	-.162	-.655	315	715	-.016	.061	.221	-.232	315	831	-.382	.101	.033	-.972
315	540	-.360	.058	-.216	-.591	315	716	.106	.075	.354	-.139	315	832	-.362	.097	-.139	-1.043
315	541	-.444	.069	-.274	-.774	315	717	.188	.086	.461	-.098	315	833	-.347	.080	-.159	-.876
315	542	-.458	.075	-.271	-.790	315	718	.259	.089	.538	-.090	315	834	-.346	.069	-.151	-.641
315	601	-.393	.057	-.181	-.642	315	719	.242	.117	.567	-.327	315	835	-.345	.073	-.134	-.651
315	602	-.304	.050	-.086	-.559	315	720	.119	.205	.593	-.887	315	836	-.350	.079	-.151	-.690
315	603	-.357	.050	-.133	-.546	315	721	.108	.237	.674	-.991	315	837	-.348	.065	-.169	-.819
315	604	-.343	.049	-.131	-.540	315	722	.384	.148	.844	-.141	315	838	-.348	.055	-.178	-.521
315	605	-.321	.050	-.154	-.577	315	723	.455	.142	.907	.067	315	839	-.362	.056	-.173	-.579
315	606	-.254	.050	-.051	-.453	315	724	.508	.141	.915	.085	315	840	-.367	.056	-.198	-.565
315	607	-.320	.054	-.122	-.479	315	725	.548	.141	.969	.146	315	841	-.390	.068	-.214	-.791
315	608	-.330	.055	-.117	-.501	315	726	.541	.130	.975	.192	315	842	-.402	.074	-.181	-.816
315	609	-.320	.057	-.083	-.513	315	727	.497	.133	.921	.117	315	901	-.369	.065	-.136	-.632
315	610	-.250	.053	-.046	-.460	315	728	.452	.133	.860	.074	315	902	-.327	.056	-.066	-.534
315	611	-.318	.053	-.136	-.506	315	729	.395	.136	.791	.010	315	903	-.312	.054	-.078	-.512
315	612	-.324	.054	-.141	-.524	315	730	.267	.124	.676	-.074	315	904	-.297	.046	-.134	-.445
315	613	-.183	.053	.096	-.383	315	731	-.381	.167	.096	-.967	315	905	-.292	.045	-.017	-.485
315	614	.056	.060	.333	-.146	315	732	-.473	.096	-.104	-1.091	315	906	-.281	.044	-.094	-.457
315	615	.110	.082	.517	-.135	315	733	-.422	.089	-.062	-1.003	315	907	-.282	.047	-.111	-.443
315	616	.165	.087	.519	-.210	315	734	-.341	.083	-.112	-.931	315	908	-.285	.054	-.122	-.529
315	617	.228	.101	.605	-.184	315	735	-.368	.077	-.200	-1.038	315	909	-.284	.055	-.119	-.501
315	618	.291	.110	.628	-.344	315	736	-.368	.069	-.134	-.871	315	910	-.277	.054	-.125	-.481
315	619	.111	.213	.663	-.769	315	737	-.355	.052	-.211	-.542	315	911	-.287	.052	-.117	-.485
315	620	.074	.243	.735	-.891	315	738	-.366	.051	-.203	-.593	315	912	-.282	.055	-.119	-.557
315	621	.394	.169	.929	-.159	315	739	-.370	.050	-.226	-.581	315	913	-.275	.054	-.092	-.479
315	622	.526	.143	1.001	.127	315	740	-.372	.052	-.220	-.582	315	914	-.282	.056	-.091	-.498
315	623	.527	.136	1.075	.181	315	741	-.368	.055	-.220	-.598	315	915	-.153	.048	-.009	-.311
315	624	.536	.135	1.020	.207	315	742	-.378	.062	-.206	-.702	315	916	-.046	.052	.184	-.214
315	625	.550	.140	1.026	.175	315	801	-.369	.054	-.206	-.579	315	917	.063	.062	.357	-.142
315	626	.495	.132	.886	.088	315	802	-.346	.049	-.173	-.532	315	918	.115	.068	.353	-.091
315	627	.363	.146	.831	-.021	315	803	-.320	.047	-.159	-.487	315	919	.150	.077	.409	-.056

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	920	.164	.088	.442	-.119	315	1034	-.347	.071	-.137	-.699	315	1206	-.287	.048	-.125	-.453
315	921	.093	.161	.474	-.451	315	1035	-.339	.061	-.151	-.670	315	1207	-.260	.049	-.111	-.418
315	922	.074	.183	.545	-.537	315	1036	-.331	.057	-.141	-.625	315	1208	-.250	.068	0.000	-.506
315	923	.244	.117	.610	-.126	315	1037	-.337	.052	-.196	-.583	315	1209	-.264	.050	-.050	-.447
315	924	.300	.107	.668	.036	315	1038	-.345	.051	-.220	-.620	315	1210	-.267	.048	-.068	-.418
315	925	.329	.105	.724	.076	315	1039	-.374	.058	-.206	-.678	315	1211	-.258	.048	-.055	-.429
315	926	.308	.103	.759	.098	315	1040	-.382	.069	-.185	-.798	315	1212	-.261	.049	-.042	-.442
315	927	.293	.098	.660	.045	315	1041	-.413	.098	-.140	-1.179	315	1213	-.257	.053	-.082	-.412
315	928	.301	.112	.755	.002	315	1042	-.419	.104	-.112	-1.238	315	1214	-.259	.056	-.063	-.428
315	929	.265	.112	.686	-.011	315	1101	-.363	.053	-.026	-.575	315	1215	-.256	.056	-.061	-.416
315	930	.203	.116	.641	-.074	315	1102	-.330	.052	-.003	-.503	315	1216	-.271	.061	-.069	-.471
315	931	.087	.104	.517	-.206	315	1103	-.321	.053	.035	-.503	315	1217	-.132	.043	.019	-.293
315	932	-.064	.107	.453	-.368	315	1104	-.308	.053	-.061	-.517	315	1218	.008	.049	.188	-.133
315	933	-.380	.099	.018	-1.049	315	1105	-.302	.053	.008	-.466	315	1219	.111	.058	.325	-.071
315	934	-.364	.098	-.149	-1.092	315	1106	-.292	.053	-.042	-.480	315	1220	.170	.067	.426	-.047
315	935	-.367	.081	-.108	-.970	315	1107	-.290	.050	-.101	-.432	315	1221	.220	.074	.524	.034
315	936	-.348	.076	-.129	-.944	315	1108	-.290	.048	-.122	-.455	315	1222	.255	.086	.561	-.027
315	937	-.337	.065	-.138	-.879	315	1109	-.296	.047	-.141	-.422	315	1223	.213	.109	.522	-.275
315	938	-.337	.059	-.170	-.726	315	1110	-.284	.048	-.103	-.429	315	1224	.191	.126	.532	-.378
315	939	-.355	.055	-.177	-.583	315	1111	-.288	.049	-.104	-.442	315	1225	.284	.095	.626	.058
315	940	-.355	.054	-.182	-.620	315	1112	-.288	.050	-.103	-.480	315	1225	.229	.006	.249	.204
315	941	-.367	.057	-.193	-.699	315	1113	-.294	.054	-.101	-.464	315	1226	.334	.102	.847	.084
315	942	-.388	.068	-.217	-.773	315	1114	-.290	.057	-.082	-.528	315	1227	.339	.102	.789	.085
315	943	-.416	.086	-.233	-1.091	315	1115	-.153	.042	-.006	-.302	315	1228	.349	.098	.690	.093
315	944	-.413	.042	-.191	-1.076	315	1116	-.015	.044	.175	-.191	315	1229	.396	.106	.820	.130
315	1001	-.360	.066	-.140	-.713	315	1117	.101	.053	.305	-.056	315	1230	.396	.105	.817	.129
315	1002	-.325	.057	-.087	-.583	315	1118	.157	.061	.392	-.019	315	1231	.383	.105	.768	.106
315	1003	-.323	.056	-.074	-.498	315	1119	.195	.065	.461	.011	315	1232	.317	.104	.659	.037
315	1004	-.296	.054	-.088	-.477	315	1120	.220	.075	.513	-.019	315	1233	.302	.099	.662	.071
315	1005	-.290	.053	-.096	-.459	315	1121	.182	.107	.484	-.323	315	1234	.227	.083	.563	.042
315	1006	-.291	.054	-.119	-.520	315	1122	.168	.123	.529	-.400	315	1235	.108	.063	.252	-.053
315	1007	-.307	.056	-.090	-.500	315	1123	.259	.089	.633	.003	315	1236	-.045	.050	.464	-.240
315	1008	-.297	.056	-.100	-.482	315	1124	.315	.083	.649	.108	315	1237	-.425	.133	-.008	-1.190
315	1009	-.297	.054	-.124	-.472	315	1125	.338	.089	.680	.114	315	1238	-.372	.094	-.140	-.836
315	1010	-.299	.055	-.119	-.477	315	1126	.350	.092	.662	.124	315	1239	-.327	.072	-.122	-.637
315	1011	-.307	.054	-.133	-.477	315	1127	.334	.092	.643	.098	315	1241	-.306	.061	-.132	-.653
315	1012	-.293	.056	-.129	-.474	315	1128	.310	.093	.635	.066	315	1242	-.311	.059	-.153	-.577
315	1013	-.298	.057	-.117	-.475	315	1129	.278	.091	.629	.080	315	1243	-.308	.054	-.167	-.540
315	1014	-.163	.048	.074	-.320	315	1130	.197	.078	.539	.008	315	1244	-.320	.055	-.162	-.556
315	1015	-.053	.050	.114	-.218	315	1131	.071	.059	.317	-.127	315	1245	-.338	.056	-.146	-.603
315	1016	.065	.059	.260	-.114	315	1132	-.117	.046	.053	-.355	315	1246	-.357	.064	-.172	-.728
315	1017	.109	.066	.321	-.071	315	1133	-.380	.076	-.156	-.744	315	1247	-.338	.062	-.167	-.855
315	1018	.147	.075	.368	-.080	315	1134	-.341	.066	-.122	-.693	315	1248	-.312	.074	-.063	-.815
315	1019	.166	.084	.456	-.222	315	1135	-.319	.061	-.092	-.658	315	1301	-.386	.095	-.109	-.899
315	1020	.138	.135	.517	-.386	315	1136	-.323	.061	-.108	-.860	315	1302	-.323	.069	-.054	-.633
315	1021	.117	.152	.549	-.466	315	1137	-.320	.058	-.154	-.719	315	1303	-.388	.070	-.140	-.728
315	1022	.233	.108	.586	-.061	315	1138	-.325	.055	-.166	-.648	315	1304	-.365	.064	-.159	-.652
315	1023	.285	.100	.609	.022	315	1139	-.319	.050	-.182	-.522	315	1305	-.375	.075	-.057	-.745
315	1024	.330	.096	.716	.082	315	1140	-.332	.052	-.185	-.691	315	1306	-.363	.049	-.201	-.572
315	1025	.317	.093	.705	.112	315	1141	-.325	.052	-.190	-.622	315	1307	-.360	.048	-.230	-.593
315	1026	.296	.093	.643	.085	315	1142	-.337	.056	-.178	-.632	315	1308	-.346	.074	-.156	-.904
315	1027	.200	.083	.599	0.000	315	1143	-.329	.062	-.159	-.648	315	1309	-.052	.113	.432	-.377
315	1028	.141	.079	.533	-.050	315	1144	-.339	.067	-.121	-.693	315	1310	-.269	.084	.074	-.602
315	1029	.023	.073	.361	-.233	315	1201	-.254	.076	-.026	-.588	315	1311	-.191	.048	0.000	-.355
315	1030	-.124	.066	.249	-.386	315	1202	-.237	.079	-.056	-.537	315	1312	-.145	.098	.225	-.638
315	1031	-.395	.086	-.156	-.944	315	1203	-.234	.081	-.010	-.505	315	1313	-.498	.246	.223	-1.429
315	1032	-.364	.086	-.135	-.933	315	1204	-.300	.084	-.059	-.500	0	0	0.000	0.000	0.000	0.000
315	1033	-.354	.075	-.133	-.802	315	1205	-.303	.050	-.125	-.526	0	0	0.000	0.000	0.000	0.000

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	101	-.350	.060	-.158	-.658	330	221	.468	.106	.813	.154	330	401	-.352	.052	-.157	-.558
330	102	-.337	.059	-.149	-.594	330	222	.376	.108	.747	.020	330	402	-.333	.049	-.145	-.544
330	103	-.332	.058	-.126	-.592	330	223	.241	.098	.602	-.138	330	403	-.341	.049	-.184	-.524
330	104	-.327	.051	-.163	-.530	330	224	-.003	.088	.312	-.377	330	404	-.319	.043	-.148	-.491
330	105	-.333	.051	-.125	-.531	330	225	-.410	.071	-.172	-.712	330	405	-.314	.044	-.169	-.500
330	106	-.323	.056	-.149	-.597	330	226	-.321	.050	-.154	-.502	330	406	-.296	.045	-.157	-.466
330	107	-.319	.070	-.125	-.890	330	227	-.326	.051	-.148	-.524	330	407	-.304	.047	-.159	-.476
330	108	-.317	.067	-.144	-.642	330	228	-.318	.050	-.148	-.515	330	408	-.292	.049	-.148	-.468
330	109	-.355	.102	-.137	-1.134	330	229	-.331	.047	-.169	-.502	330	409	-.297	.051	-.138	-.481
330	110	-.414	.142	-.116	-1.265	330	230	-.320	.047	-.162	-.464	330	410	-.290	.051	-.137	-.476
330	111	-.479	.127	-.093	-1.108	330	231	-.330	.045	-.179	-.483	330	411	-.305	.052	-.130	-.495
330	112	.032	.094	.474	-.227	330	232	-.330	.044	-.179	-.483	330	412	-.313	.061	-.145	-.584
330	113	.199	.100	.528	-.163	330	233	-.350	.045	-.225	-.539	330	413	-.024	.064	.179	-.249
330	114	.244	.099	.630	-.097	330	234	-.340	.054	-.174	-.633	330	414	.163	.084	.430	-.106
330	115	.222	.097	.504	-.111	330	235	-.354	.063	-.188	-.807	330	415	.283	.101	.594	-.010
330	116	.202	.099	.549	-.135	330	236	-.353	.066	-.171	-.891	330	416	.342	.110	.757	.045
330	117	.196	.103	.588	-.135	330	301	-.351	.055	-.142	-.633	330	417	.387	.116	.775	.099
330	118	.224	.116	.556	-.237	330	302	-.336	.053	-.159	-.539	330	418	.435	.122	.784	.111
330	119	.293	.132	.672	-.358	330	303	-.334	.053	-.171	-.548	330	419	.395	.150	.832	-.155
330	120	.343	.112	.696	-.023	330	304	-.326	.053	-.160	-.498	330	420	.446	.165	.891	-.256
330	121	.301	.106	.618	-.052	330	305	-.337	.053	-.176	-.509	330	421	.543	.132	.954	.099
330	122	.263	.101	.623	-.060	330	306	-.322	.050	-.172	-.555	330	422	.574	.128	.984	.243
330	123	.234	.099	.602	-.097	330	307	-.299	.058	-.135	-.570	330	423	.541	.125	.949	.174
330	124	.198	.092	.533	-.159	330	308	-.287	.054	-.128	-.468	330	424	.568	.113	.909	.210
330	125	.147	.093	.452	-.227	330	309	-.294	.054	-.140	-.474	330	425	.529	.108	.878	.192
330	126	.012	.085	.277	-.372	330	310	-.275	.058	-.119	-.469	330	426	.400	.098	.709	.096
330	127	-.386	.063	-.149	-.661	330	311	-.280	.062	-.104	-.563	330	427	.217	.086	.516	-.035
330	128	-.325	.055	-.137	-.609	330	312	-.277	.061	-.114	-.493	330	428	-.018	.078	.286	-.276
330	129	-.335	.056	-.158	-.616	330	313	-.304	.066	-.140	-.567	330	429	-.259	.073	.026	-.503
330	130	-.324	.054	-.147	-.575	330	314	.031	.064	.227	-.183	330	430	-.385	.063	-.182	-.640
330	131	-.318	.051	-.144	-.535	330	315	.171	.082	.433	-.080	330	431	-.346	.055	-.177	-.574
330	132	-.326	.051	-.161	-.509	330	316	.243	.090	.539	-.014	330	432	-.324	.050	-.169	-.508
330	133	-.347	.052	-.199	-.563	330	317	.262	.095	.543	.010	330	433	-.323	.052	-.174	-.531
330	134	-.344	.051	-.201	-.568	330	318	.297	.092	.568	.015	330	434	-.324	.051	-.155	-.508
330	135	-.341	.052	-.180	-.559	330	319	.336	.101	.616	.046	330	435	-.335	.050	-.187	-.527
330	136	-.345	.052	-.177	-.575	330	320	.349	.126	.676	-.150	330	436	-.330	.050	-.155	-.529
330	137	-.365	.062	-.175	-.602	330	321	.361	.141	.732	-.215	330	437	-.327	.050	-.159	-.514
330	138	-.364	.064	-.177	-.625	330	322	.448	.128	.865	.048	330	438	-.325	.049	-.147	-.498
330	201	-.348	.051	-.166	-.578	330	323	.422	.122	.841	.046	330	439	-.340	.047	-.187	-.537
330	202	-.334	.047	-.163	-.500	330	324	.432	.120	.841	.010	330	440	-.321	.065	.069	-.541
330	203	-.338	.047	-.185	-.490	330	325	.507	.120	.879	.164	330	441	-.302	.078	.121	-.509
330	204	-.329	.045	-.196	-.460	330	326	.519	.113	.886	.148	330	442	-.338	.046	-.184	-.519
330	205	-.327	.047	-.183	-.490	330	327	.464	.109	.807	.094	330	443	-.352	.052	-.145	-.572
330	206	-.340	.057	-.168	-.613	330	328	.403	.103	.747	.068	330	444	-.369	.062	-.099	-.678
330	207	-.398	.091	-.185	-.839	330	329	.241	.093	.555	-.044	330	445	-.364	.064	-.126	-.638
330	208	-.457	.129	-.168	-1.078	330	330	-.047	.083	.239	-.312	330	446	-.372	.067	-.096	-.706
330	209	-.462	.143	-.159	-1.224	330	331	-.402	.064	-.191	-.604	330	447	-.377	.060	-.165	-.658
330	210	-.462	.163	-.164	-1.347	330	332	-.317	.053	-.131	-.495	330	501	-.330	.050	-.117	-.575
330	211	-.299	.070	-.080	-.578	330	333	-.333	.053	-.152	-.521	330	502	-.316	.045	-.159	-.499
330	212	-.105	.063	.164	-.294	330	334	-.318	.050	-.176	-.589	330	503	-.307	.043	-.142	-.458
330	213	.081	.088	.395	-.164	330	335	-.319	.049	-.179	-.590	330	504	-.322	.042	-.150	-.513
330	214	.173	.096	.511	-.119	330	336	-.314	.047	-.189	-.558	330	505	-.317	.045	-.195	-.465
330	215	.163	.112	.498	-.241	330	337	-.336	.047	-.205	-.563	330	506	-.310	.046	-.155	-.470
330	216	.103	.151	.608	-.639	330	338	-.335	.047	-.183	-.534	330	507	-.299	.048	-.142	-.461
330	217	.180	.205	.751	-.552	330	339	-.343	.047	-.213	-.565	330	508	-.308	.048	-.150	-.470
330	218	.381	.197	.999	-.644	330	340	-.341	.050	-.118	-.561	330	509	-.307	.047	-.109	-.496
330	219	.478	.122	.871	-.028	330	341	-.364	.059	-.130	-.667	330	510	-.305	.049	-.098	-.567
330	220	.492	.110	.791	.161	330	342	-.373	.061	-.176	-.606	330	511	-.302	.050	-.093	-.587

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	512	-.316	.050	-.104	-.605	330	628	-.060	.091	-.284	-.388	330	804	-.318	.053	-.165	-.506
330	513	-.307	.042	-.352	-.675	330	629	-.447	.080	-.174	-.998	330	805	-.321	.051	-.143	-.495
330	514	-.061	.065	-.245	-.293	330	630	-.240	.067	-.109	-.763	330	806	-.321	.052	-.108	-.485
330	515	-.147	.082	-.489	-.091	330	631	-.405	.082	-.159	-.841	330	807	-.311	.052	-.121	-.482
330	516	.269	.095	.580	.021	330	632	-.420	.091	-.188	-.873	330	808	-.310	.052	-.149	-.485
330	517	.344	.101	.734	.071	330	633	-.406	.091	-.188	-.923	330	809	-.326	.054	-.152	-.496
330	518	.394	.108	.813	.114	330	634	-.314	.071	-.120	-.665	330	810	-.327	.056	-.140	-.545
330	519	.449	.118	.865	.121	330	635	-.391	.058	-.185	-.599	330	811	-.318	.056	-.134	-.528
330	520	.401	.150	.845	-.205	330	636	-.403	.059	-.229	-.625	330	812	-.320	.056	-.137	-.503
330	521	.463	.166	.901	-.276	330	637	-.399	.061	-.164	-.672	330	813	-.323	.055	-.143	-.567
330	522	.557	.129	.929	.192	330	638	-.321	.059	-.063	-.649	330	814	-.102	.061	.108	-.322
330	523	.592	.121	.980	.266	330	639	-.397	.067	-.187	-.682	330	815	.087	.074	.352	-.127
330	524	.556	.111	.886	.263	330	640	-.411	.073	-.187	-.734	330	816	.220	.085	.525	-.009
330	525	.566	.112	.911	.281	330	701	-.365	.055	-.182	-.527	330	817	.262	.091	.644	.033
330	526	.526	.108	.848	.235	330	702	-.275	.049	-.093	-.407	330	818	.317	.098	.707	.086
330	527	.476	.106	.795	.184	330	703	-.363	.055	-.166	-.604	330	819	.350	.104	.729	.105
330	528	.365	.099	.676	.084	330	704	-.372	.056	-.193	-.586	330	820	.338	.138	.753	-.264
330	529	.214	.086	.509	-.094	330	705	-.364	.058	-.187	-.600	330	821	.350	.142	.775	-.245
330	530	-.030	.078	.344	-.311	330	706	-.262	.056	-.125	-.487	330	822	.438	.110	.808	.138
330	531	-.361	.066	-.144	-.742	330	707	-.362	.051	-.198	-.539	330	823	.456	.102	.856	.168
330	532	-.330	.061	-.155	-.820	330	708	-.362	.051	-.201	-.537	330	824	.456	.101	.837	.182
330	533	-.321	.059	-.099	-.688	330	709	-.350	.053	-.146	-.542	330	825	.434	.098	.748	.222
330	534	-.323	.062	-.103	-.703	330	710	-.272	.052	-.073	-.466	330	826	.404	.095	.756	.203
330	535	-.317	.060	-.116	-.749	330	711	-.354	.058	-.177	-.620	330	827	.306	.088	.617	.075
330	536	-.333	.058	-.145	-.833	330	712	-.359	.059	-.175	-.633	330	828	.188	.085	.539	-.093
330	537	-.321	.046	-.144	-.580	330	713	-.358	.061	-.167	-.678	330	829	.055	.079	.448	-.201
330	538	-.326	.045	-.192	-.556	330	714	-.047	.062	.172	-.224	330	830	-.103	.074	.284	-.299
330	539	-.328	.047	-.177	-.569	330	715	.096	.082	.396	-.133	330	831	-.342	.071	-.108	-.627
330	540	-.344	.050	-.200	-.536	330	716	.245	.097	.605	-.013	330	832	-.308	.062	-.094	-.594
330	541	-.428	.088	-.219	-1.040	330	717	.332	.105	.704	.076	330	833	-.307	.061	-.105	-.555
330	542	-.442	.095	-.133	-1.079	330	718	.435	.103	.792	.185	330	834	-.318	.066	-.093	-.584
330	601	-.388	.066	-.170	-.761	330	719	.431	.113	.823	.135	330	835	-.320	.069	-.088	-.655
330	602	-.292	.054	-.055	-.573	330	720	.409	.149	.859	-.386	330	836	-.320	.063	-.119	-.638
330	603	-.368	.053	-.180	-.581	330	721	.422	.165	.889	-.467	330	837	-.338	.046	-.204	-.531
330	604	-.376	.055	-.127	-.591	330	722	.569	.114	.945	.268	330	838	-.356	.054	-.198	-.654
330	605	-.367	.055	-.195	-.575	330	723	.567	.129	.998	.243	330	839	-.365	.056	-.212	-.671
330	606	-.276	.052	-.123	-.451	330	724	.567	.126	1.003	.261	330	840	-.364	.059	-.190	-.646
330	607	-.345	.053	-.164	-.542	330	725	.562	.122	.979	.252	330	841	-.379	.072	-.151	-.768
330	608	-.355	.054	-.172	-.540	330	726	.557	.109	.899	.286	330	842	-.370	.067	-.165	-.682
330	609	-.348	.056	-.159	-.622	330	727	.446	.132	.883	-.057	330	901	-.331	.064	-.099	-.542
330	610	-.260	.052	-.081	-.583	330	728	.381	.116	.771	.110	330	902	-.311	.055	-.119	-.473
330	611	-.352	.057	-.162	-.636	330	729	.270	.109	.639	-.031	330	903	-.309	.053	-.101	-.457
330	612	-.369	.059	-.172	-.745	330	730	.134	.093	.458	-.123	330	904	-.308	.051	-.099	-.489
330	613	-.113	.066	.127	-.300	330	731	-.552	.115	-.166	-.941	330	905	-.308	.052	-.108	-.492
330	614	.168	.082	.440	-.063	330	732	-.457	.088	-.247	-1.428	330	906	-.306	.050	-.112	-.482
330	615	.276	.099	.643	-.003	330	733	-.415	.082	-.208	-1.233	330	907	-.310	.050	-.151	-.479
330	616	.349	.106	.662	.050	330	734	-.311	.076	-.130	-1.048	330	908	-.316	.049	-.124	-.468
330	617	.418	.113	.751	.093	330	735	-.367	.077	-.211	-.991	330	909	-.310	.051	-.121	-.459
330	618	.498	.113	.857	.175	330	736	-.365	.068	-.212	-.938	330	910	-.302	.051	-.110	-.460
330	619	.433	.145	.859	-.109	330	737	-.355	.054	-.218	-.696	330	911	-.306	.050	-.145	-.492
330	620	.430	.164	.902	-.172	330	738	-.361	.050	-.225	-.663	330	912	-.302	.055	-.099	-.641
330	621	.556	.132	1.024	.204	330	739	-.383	.057	-.223	-.600	330	913	-.297	.053	-.126	-.551
330	622	.614	.118	1.035	.341	330	740	-.389	.061	-.204	-.646	330	914	-.311	.057	-.137	-.627
330	623	.592	.118	.962	.273	330	741	-.383	.064	-.204	-.616	330	915	-.093	.061	.156	-.295
330	624	.560	.113	.923	.254	330	742	-.377	.068	-.179	-.663	330	916	.039	.068	.273	-.162
330	625	.521	.111	.909	.226	330	801	-.345	.061	-.107	-.654	330	917	.170	.082	.484	-.044
330	626	.417	.100	.750	.164	330	802	-.333	.055	-.140	-.537	330	918	.229	.088	.525	.013
330	627	.228	.099	.566	-.024	330	803	-.315	.052	-.068	-.504	330	919	.277	.096	.550	.039

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	920	.330	.099	.480	.042	330	1034	-.318	.066	-.125	-.619	330	1206	-.291	.048	-.083	-.456
330	921	.331	.127	.757	-.119	330	1035	-.319	.055	-.147	-.526	330	1207	-.274	.046	-.121	-.440
330	922	.329	.139	.770	-.173	330	1036	-.315	.055	-.131	-.502	330	1208	-.271	.066	-.050	-.497
330	923	.403	.108	.811	.083	330	1037	-.324	.053	-.137	-.511	330	1209	-.282	.050	-.142	-.495
330	924	.389	.091	.690	.190	330	1038	-.330	.054	-.155	-.510	330	1210	-.289	.048	-.157	-.458
330	925	.397	.090	.688	.196	330	1039	-.343	.055	-.061	-.527	330	1211	-.277	.048	-.147	-.476
330	926	.399	.094	.811	.172	330	1040	-.335	.059	-.128	-.595	330	1212	-.280	.052	-.141	-.696
330	927	.345	.087	.726	.116	330	1041	-.346	.071	-.058	-.770	330	1213	-.295	.057	-.121	-.615
330	928	.338	.089	.670	.142	330	1042	-.348	.077	-.038	-.818	330	1214	-.302	.059	-.118	-.657
330	929	.289	.086	.607	.104	330	1101	-.331	.069	-.043	-.607	330	1215	-.297	.060	-.115	-.633
330	930	.208	.083	.569	-.011	330	1102	-.309	.062	-.048	-.515	330	1216	-.329	.070	-.128	-.732
330	931	.076	.083	.511	-.128	330	1103	-.311	.058	-.069	-.540	330	1217	-.100	.053	.151	-.269
330	932	-.101	.069	.211	-.310	330	1104	-.321	.056	-.131	-.521	330	1218	.073	.064	.353	-.094
330	933	-.333	.060	-.157	-.612	330	1105	-.340	.051	-.094	-.547	330	1219	.193	.076	.487	.008
330	934	-.315	.057	-.152	-.574	330	1106	-.335	.053	-.075	-.540	330	1220	.257	.084	.583	.057
330	935	-.322	.056	-.120	-.633	330	1107	-.333	.052	-.152	-.529	330	1221	.307	.087	.631	.097
330	936	-.312	.055	-.133	-.540	330	1108	-.328	.053	-.147	-.558	330	1222	.341	.092	.638	.095
330	937	-.310	.052	-.161	-.479	330	1109	-.324	.056	-.171	-.639	330	1223	.321	.101	.623	-.078
330	938	-.314	.051	-.163	-.467	330	1110	-.312	.057	-.142	-.563	330	1224	.313	.111	.646	-.129
330	939	-.338	.053	-.184	-.531	330	1111	-.314	.057	-.123	-.543	330	1225	.363	.086	.660	.170
330	940	-.335	.054	-.190	-.567	330	1112	-.315	.058	-.126	-.575	330	1226	.244	.066	.264	.222
330	941	-.340	.056	-.195	-.620	330	1113	-.330	.063	-.150	-.614	330	1227	.432	.099	.809	.197
330	942	-.343	.061	-.165	-.651	330	1114	-.331	.067	-.139	-.660	330	1228	.429	.099	.840	.188
330	943	-.362	.077	-.107	-.743	330	1115	-.133	.051	.034	-.278	330	1229	.422	.092	.819	.183
330	944	-.354	.082	-.093	-.770	330	1116	.035	.058	.259	-.120	330	1230	.426	.092	.782	.206
330	1001	-.303	.065	-.045	-.478	330	1117	.171	.069	.455	-.023	330	1231	.422	.092	.779	.201
330	1002	-.287	.060	-.048	-.464	330	1118	.235	.077	.583	.055	330	1232	.409	.092	.782	.180
330	1003	-.312	.058	-.032	-.491	330	1119	.274	.080	.601	.091	330	1233	.301	.092	.636	.063
330	1004	-.313	.057	-.125	-.497	330	1120	.306	.085	.641	.112	330	1234	.300	.084	.659	.083
330	1005	-.325	.054	-.133	-.505	330	1121	.273	.094	.617	-.170	330	1235	.222	.071	.516	.032
330	1006	-.329	.053	-.042	-.500	330	1122	.266	.103	.623	-.227	330	1236	.109	.055	.319	-.052
330	1007	-.330	.054	-.150	-.547	330	1123	.325	.075	.660	.074	330	1237	-.032	.044	.128	-.157
330	1008	-.315	.056	-.125	-.507	330	1124	.366	.075	.709	.180	330	1238	-.336	.077	-.068	-.819
330	1009	-.312	.056	-.107	-.489	330	1125	.381	.077	.670	.214	330	1239	-.322	.066	-.062	-.609
330	1010	-.313	.058	-.105	-.519	330	1126	.387	.080	.694	.207	330	1240	-.302	.059	-.050	-.529
330	1011	-.321	.063	-.125	-.561	330	1127	.365	.079	.685	.188	330	1241	-.312	.055	-.115	-.565
330	1012	-.308	.065	-.102	-.596	330	1128	.336	.081	.704	.157	330	1242	-.312	.051	-.141	-.499
330	1013	-.316	.066	-.110	-.652	330	1129	.285	.077	.622	.099	330	1243	-.324	.053	-.139	-.518
330	1014	-.122	.058	.118	-.307	330	1130	.202	.067	.520	.036	330	1244	-.330	.060	-.160	-.652
330	1015	.014	.061	.278	-.161	330	1131	.082	.052	.350	-.055	330	1245	-.354	.069	-.147	-.696
330	1016	.147	.069	.454	-.037	330	1132	-.106	.046	.066	-.270	330	1246	-.324	.063	-.108	-.594
330	1017	.197	.071	.462	.024	330	1133	-.324	.059	-.154	-.555	330	1247	-.300	.080	-.039	-.735
330	1018	.237	.075	.523	.059	330	1134	-.309	.056	-.131	-.505	330	1301	-.383	.096	-.097	-.782
330	1019	.252	.088	.595	.018	330	1135	-.296	.053	-.123	-.476	330	1302	-.345	.070	-.109	-.666
330	1020	.248	.128	.596	-.238	330	1136	-.302	.053	-.136	-.486	330	1303	-.402	.072	-.144	-.756
330	1021	.233	.142	.591	-.368	330	1137	-.300	.056	-.147	-.596	330	1304	-.389	.067	-.147	-.711
330	1022	.322	.093	.625	.024	330	1138	-.309	.055	-.163	-.607	330	1305	-.381	.076	-.140	-.1045
330	1023	.322	.087	.638	.137	330	1139	-.306	.053	-.183	-.597	330	1306	-.384	.059	-.237	-.675
330	1024	.356	.084	.641	.171	330	1140	-.317	.056	-.189	-.643	330	1307	-.387	.066	-.232	-.710
330	1025	.342	.081	.620	.145	330	1141	-.318	.055	-.136	-.552	330	1308	-.352	.067	-.149	-.801
330	1026	.324	.080	.649	.142	330	1142	-.329	.060	-.149	-.545	330	1309	-.147	.117	.338	-.471
330	1027	.257	.083	.575	.064	330	1143	-.316	.063	-.136	-.550	330	1310	-.197	.077	.093	-.455
330	1028	.194	.079	.481	.034	330	1144	-.320	.067	-.107	-.613	330	1311	-.196	.054	-.012	-.414
330	1029	.065	.068	.336	-.115	330	1201	-.225	.078	-.003	-.520	330	1312	-.110	.105	.232	-.459
330	1030	-.102	.056	.142	-.289	330	1202	-.216	.072	-.015	-.476	330	1313	-.185	.244	.653	-1.258
330	1031	-.343	.073	-.136	-.652	330	1203	-.215	.073	.002	-.502	0	0	0.000	0.000	0.000	0.000
330	1032	-.317	.070	-.112	-.612	330	1204	-.247	.074	-.073	-.513	0	0	0.000	0.000	0.000	0.000
330	1033	-.317	.067	-.120	-.607	330	1205	-.297	.053	-.031	-.465						

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	101	-.353	.057	-.173	-.553	345	221	.352	.089	.625	.019	345	401	-.340	.052	-.186	-.562
345	102	-.343	.052	-.168	-.550	345	222	.226	.094	.541	-.067	345	402	-.322	.043	-.184	-.488
345	103	-.336	.049	-.169	-.527	345	223	.079	.081	.360	-.214	345	403	-.331	.040	-.195	-.479
345	104	-.331	.047	-.182	-.513	345	224	-.159	.065	.057	-.428	345	404	-.329	.043	-.202	-.479
345	105	-.336	.048	-.183	-.522	345	225	-.374	.058	-.140	-.616	345	405	-.321	.042	-.176	-.469
345	106	-.330	.061	-.190	-.665	345	226	-.323	.048	-.167	-.512	345	406	-.301	.044	-.147	-.472
345	107	-.331	.081	-.161	-.817	345	227	-.330	.048	-.172	-.524	345	407	-.307	.047	-.157	-.481
345	108	-.362	.094	-.122	-1.135	345	228	-.322	.047	-.174	-.503	345	408	-.090	.263	.345	-.481
345	109	-.476	.179	-.159	-1.412	345	229	-.333	.045	-.188	-.519	345	409	-.171	.201	.224	-.516
345	110	-.591	.227	-.166	-1.524	345	230	-.324	.045	-.193	-.531	345	410	-.293	.055	-.116	-.495
345	111	-.416	.151	.164	-.984	345	231	-.334	.045	-.198	-.510	345	411	-.117	.246	.360	-.531
345	112	.195	.135	.658	-.438	345	232	-.329	.045	-.203	-.512	345	412	-.368	.066	-.157	-.628
345	113	.349	.137	.810	-.405	345	233	-.346	.046	-.176	-.516	345	413	.108	.091	.469	-.207
345	114	.407	.128	.929	-.115	345	234	-.347	.051	-.131	-.553	345	414	.311	.113	.721	-.040
345	115	.391	.123	.869	-.023	345	235	-.361	.051	-.183	-.555	345	415	.419	.128	.872	.040
345	116	.356	.119	.700	-.056	345	236	-.368	.055	-.150	-.574	345	416	.496	.121	.813	.166
345	117	.328	.116	.686	-.096	345	301	-.376	.050	-.183	-.543	345	417	.536	.123	.852	.191
345	118	.339	.115	.721	-.045	345	302	-.339	.047	-.200	-.519	345	418	.570	.124	.887	.219
345	119	.337	.112	.731	-.093	345	303	-.338	.045	-.193	-.486	345	419	.551	.123	.889	.180
345	120	.284	.096	.550	-.119	345	304	-.326	.045	-.169	-.500	345	420	.535	.142	.997	.054
345	121	.224	.087	.494	-.052	345	305	-.334	.044	-.188	-.483	345	421	.535	.130	.921	.081
345	122	.170	.081	.431	-.098	345	306	-.316	.047	-.179	-.474	345	422	.527	.120	.865	.201
345	123	.127	.077	.375	-.145	345	307	-.312	.053	-.140	-.509	345	423	.477	.110	.828	.193
345	124	.082	.075	.344	-.173	345	308	-.294	.053	-.138	-.512	345	424	.478	.103	.791	.134
345	125	.014	.072	.288	-.244	345	309	-.304	.055	-.153	-.522	345	425	.414	.096	.707	.107
345	126	-.138	.062	.120	-.360	345	310	-.271	.067	-.090	-.483	345	426	.251	.083	.521	.008
345	127	-.368	.067	-.155	-.630	345	311	-.237	.145	.093	-.566	345	427	.074	.069	.300	-.124
345	128	-.319	.054	-.152	-.538	345	312	-.287	.059	-.117	-.633	345	428	-.147	.059	.082	-.374
345	129	-.327	.055	-.136	-.529	345	313	-.345	.064	-.134	-.645	345	429	-.329	.057	-.124	-.564
345	130	-.320	.053	-.150	-.522	345	314	.166	.074	.429	-.141	345	430	-.347	.054	-.186	-.580
345	131	-.316	.052	-.154	-.508	345	315	.307	.079	.622	-.028	345	431	-.338	.052	-.190	-.556
345	132	-.319	.051	-.145	-.506	345	316	.362	.102	.710	.028	345	432	-.324	.048	-.168	-.572
345	133	-.339	.053	-.161	-.592	345	317	.383	.107	.719	.026	345	433	-.319	.049	-.155	-.564
345	134	-.334	.055	-.143	-.581	345	318	.433	.110	.710	.084	345	434	-.326	.049	-.158	-.577
345	135	-.325	.058	-.136	-.578	345	319	.463	.113	.785	.095	345	435	-.333	.048	-.165	-.564
345	136	-.334	.055	-.129	-.653	345	320	.491	.117	.809	-.026	345	436	-.318	.049	-.173	-.562
345	137	-.353	.059	-.124	-.672	345	321	.455	.120	.764	-.112	345	437	-.263	.121	.051	-.585
345	138	-.361	.063	-.136	-.695	345	322	.343	.108	.809	-.028	345	438	-.320	.046	-.188	-.549
345	201	-.355	.053	-.159	-.550	345	323	.391	.080	.755	.022	345	439	-.330	.044	-.203	-.519
345	202	-.334	.046	-.187	-.518	345	324	.409	.109	.759	.055	345	440	-.324	.046	-.190	-.478
345	203	-.339	.044	-.164	-.508	345	325	.446	.105	.776	.136	345	441	-.320	.045	-.176	-.478
345	204	-.327	.042	-.208	-.482	345	326	.393	.093	.698	.086	345	442	-.327	.044	-.132	-.485
345	205	-.317	.043	-.189	-.461	345	327	.317	.088	.588	.028	345	443	-.336	.044	-.130	-.495
345	206	-.325	.049	-.161	-.555	345	328	.246	.081	.533	-.019	345	444	-.337	.048	-.162	-.476
345	207	-.365	.071	-.155	-.792	345	329	.079	.070	.355	-.162	345	445	-.342	.052	-.176	-.506
345	208	-.409	.094	-.155	-.958	345	330	-.203	.067	.043	-.460	345	446	-.355	.057	-.181	-.541
345	209	-.427	.105	-.166	-1.021	345	331	-.354	.057	-.164	-.569	345	447	-.361	.055	-.218	-.539
345	210	-.471	.120	-.204	-.977	345	332	-.310	.051	-.141	-.522	345	501	-.312	.081	-.076	-.679
345	211	-.283	.075	-.019	-.548	345	333	-.327	.051	-.171	-.541	345	502	-.266	.141	.153	-.521
345	212	-.089	.073	.189	-.360	345	334	-.318	.047	-.172	-.490	345	503	-.331	.044	-.175	-.508
345	213	.114	.098	.454	-.321	345	335	-.321	.047	-.172	-.503	345	504	-.336	.043	-.203	-.509
345	214	.234	.099	.592	-.106	345	336	-.315	.046	-.167	-.495	345	505	-.214	.185	.147	-.475
345	215	.292	.115	.721	-.119	345	337	-.331	.046	-.190	-.502	345	506	-.157	.245	.305	-.480
345	216	.288	.134	.726	-.197	345	338	-.328	.044	-.172	-.474	345	507	-.306	.045	-.175	-.498
345	217	.410	.173	.943	-.243	345	339	-.335	.046	-.178	-.488	345	508	-.298	.049	-.152	-.508
345	218	.557	.148	1.112	.044	345	340	-.330	.046	-.183	-.486	345	509	-.296	.048	-.114	-.445
345	219	.445	.102	.730	.115	345	341	-.351	.050	-.195	-.548	345	510	-.291	.050	-.104	-.455
345	220	.406	.094	.677	.105	345	342	-.344	.053	-.181	-.633	345	511	-.299	.051	-.115	-.470

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	512	-.306	.051	-.130	-.514	345	628	-.196	.070	.070	-.522	345	804	-.343	.045	-.201	-.509
345	513	-.367	.067	-.127	-.582	345	629	-.425	.097	-.170	-1.131	345	805	-.331	.044	-.217	-.478
345	514	-.080	.085	.376	-.180	345	630	-.335	.081	-.144	-.948	345	806	-.329	.044	-.207	-.473
345	515	.297	.107	.666	.021	345	631	-.398	.091	-.135	-1.194	345	807	-.309	.045	-.169	-.437
345	516	.415	.120	.865	.096	345	632	-.408	.098	-.164	-1.296	345	808	-.300	.048	-.141	-.449
345	517	.492	.118	.856	.132	345	633	-.385	.091	-.165	-1.058	345	809	-.308	.050	-.158	-.478
345	518	.537	.121	.943	.160	345	634	-.316	.064	-.107	-.652	345	810	-.316	.054	-.160	-.595
345	519	.558	.124	.935	.170	345	635	-.361	.070	-.102	-.677	345	811	-.310	.054	-.142	-.558
345	520	.536	.124	.918	.122	345	636	-.363	.067	-.088	-.633	345	812	-.312	.055	-.155	-.584
345	521	.547	.129	.903	.155	345	637	-.351	.067	-.065	-.594	345	813	-.357	.063	-.176	-.702
345	522	.551	.120	.859	.168	345	638	-.305	.058	-.099	-.482	345	814	.018	.084	.332	-.229
345	523	.544	.112	.821	.249	345	639	-.376	.052	-.170	-.634	345	815	.222	.095	.539	-.033
345	524	.492	.104	.776	.214	345	640	-.405	.064	-.156	-.766	345	816	.351	.102	.707	.066
345	525	.438	.097	.778	.214	345	701	-.379	.053	-.157	-.615	345	817	.393	.106	.734	.104
345	526	.380	.089	.730	.173	345	702	-.329	.047	-.140	-.534	345	818	.429	.107	.786	.153
345	527	.310	.083	.648	.114	345	703	-.395	.049	-.230	-.578	345	819	.442	.103	.773	.172
345	528	.209	.075	.483	.016	345	704	-.400	.048	-.253	-.604	345	820	.437	.102	.775	.147
345	529	.080	.069	.335	-.138	345	705	-.392	.049	-.245	-.573	345	821	.423	.110	.778	.033
345	530	-.124	.057	.089	-.341	345	706	-.331	.046	-.190	-.488	345	822	.423	.103	.772	.071
345	531	-.317	.054	-.092	-.701	345	707	-.372	.052	-.177	-.540	345	823	.415	.092	.737	.183
345	532	-.314	.056	-.102	-.600	345	708	-.368	.055	-.190	-.555	345	824	.392	.086	.704	.196
345	533	-.310	.052	-.152	-.562	345	709	-.358	.058	-.172	-.600	345	825	.365	.080	.634	.182
345	534	-.306	.053	-.143	-.565	345	710	-.307	.057	-.114	-.568	345	826	.317	.076	.571	.134
345	535	-.306	.049	-.148	-.536	345	711	-.359	.059	-.127	-.694	345	827	.208	.068	.550	.028
345	536	-.314	.046	-.175	-.506	345	712	-.366	.061	-.135	-.704	345	828	.083	.063	.381	-.119
345	537	-.315	.044	-.183	-.481	345	713	-.404	.068	-.149	-.709	345	829	-.043	.060	.243	-.228
345	538	-.308	.044	-.165	-.519	345	714	.062	.085	.414	-.183	345	830	-.181	.052	.019	-.361
345	539	-.314	.043	-.119	-.467	345	715	.274	.114	.655	-.075	345	831	-.315	.064	-.117	-.628
345	540	-.324	.043	-.140	-.490	345	716	.425	.126	.813	.081	345	832	-.300	.060	-.114	-.593
345	541	-.387	.060	-.164	-.664	345	717	.511	.133	.936	.180	345	833	-.305	.063	-.120	-.628
345	542	-.419	.077	-.118	-.887	345	718	.542	.124	.951	.248	345	834	-.295	.065	-.130	-.645
345	601	-.395	.067	-.213	-.818	345	719	.554	.123	.978	.224	345	835	-.301	.063	-.144	-.637
345	602	-.326	.051	-.146	-.558	345	720	.546	.125	.948	.204	345	836	-.301	.052	-.169	-.522
345	603	-.398	.049	-.247	-.552	345	721	.540	.136	.943	.015	345	837	-.323	.045	-.169	-.468
345	604	-.399	.049	-.260	-.566	345	722	.528	.119	.883	.067	345	838	-.323	.045	-.134	-.457
345	605	-.386	.050	-.235	-.544	345	723	.514	.124	.862	.195	345	839	-.328	.045	-.133	-.470
345	606	-.299	.050	-.154	-.461	345	724	.481	.115	.892	.191	345	840	-.318	.045	-.109	-.452
345	607	-.357	.058	-.154	-.600	345	725	.466	.110	.840	.183	345	841	-.325	.047	-.152	-.505
345	608	-.364	.060	-.157	-.665	345	726	.407	.095	.751	.162	345	842	-.342	.059	-.144	-.663
345	609	-.361	.064	-.133	-.720	345	727	.333	.097	.704	.112	345	901	-.333	.058	-.117	-.554
345	610	-.286	.059	-.071	-.571	345	728	.251	.091	.659	.041	345	902	-.321	.047	-.125	-.462
345	611	-.353	.058	-.161	-.633	345	729	.142	.083	.509	-.067	345	903	-.329	.043	-.157	-.460
345	612	-.412	.070	-.169	-.673	345	730	-.028	.069	.242	-.243	345	904	-.339	.042	-.204	-.478
345	613	.054	.097	.363	-.230	345	731	-.557	.129	-.273	-1.147	345	905	-.347	.043	-.207	-.516
345	614	.322	.112	.686	.032	345	732	-.468	.097	-.243	-.923	345	906	-.339	.043	-.207	-.497
345	615	.448	.132	.923	.060	345	733	-.423	.092	-.211	-1.027	345	907	-.338	.044	-.202	-.495
345	616	.510	.137	1.021	.133	345	734	-.359	.087	-.169	-.871	345	908	-.325	.047	-.147	-.498
345	617	.576	.143	1.076	.195	345	735	-.371	.081	-.166	-.900	345	909	-.321	.051	-.109	-.525
345	618	.618	.133	1.110	.230	345	736	-.377	.080	-.171	-1.011	345	910	-.312	.052	-.111	-.581
345	619	.601	.143	1.053	.143	345	737	-.359	.061	-.214	-.764	345	911	-.304	.059	-.108	-.919
345	620	.570	.146	1.021	.118	345	738	-.354	.051	-.206	-.617	345	912	-.319	.058	-.111	-.693
345	621	.591	.137	1.011	.193	345	739	-.360	.046	-.228	-.528	345	913	-.305	.061	-.085	-.694
345	622	.590	.116	.941	.316	345	740	-.369	.050	-.240	-.634	345	914	-.349	.067	-.131	-.661
345	623	.524	.108	.881	.258	345	741	-.357	.051	-.190	-.587	345	915	.004	.085	.307	-.275
345	624	.471	.103	.824	.227	345	742	-.353	.051	-.174	-.536	345	916	.175	.089	.497	-.055
345	625	.421	.099	.766	.175	345	801	-.346	.054	-.161	-.596	345	917	.295	.099	.650	.054
345	626	.274	.082	.545	.023	345	802	-.349	.048	-.206	-.520	345	918	.342	.101	.702	.103
345	627	.074	.075	.397	-.143	345	803	-.339	.046	-.177	-.503	345	919	.375	.105	.767	.120

WIND ENGINEERING STUDY OF POST OAK CENTRAL HOUSTON, TEXAS

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	920	.390	.088	.756	.187	345	1034	-.309	.063	-.139	-.515	345	1206	-.321	.050	-.147	-.523
345	921	.391	.088	.717	.150	345	1035	-.317	.057	-.105	-.512	345	1207	-.308	.050	-.160	-.499
345	922	.359	.091	.669	.065	345	1036	-.314	.057	-.107	-.522	345	1208	-.289	.065	-.099	-.585
345	923	.361	.089	.699	.087	345	1037	-.318	.056	-.143	-.544	345	1209	-.301	.053	-.141	-.508
345	924	.365	.083	.674	.179	345	1038	-.319	.058	-.155	-.557	345	1210	-.317	.058	-.123	-.630
345	925	.354	.079	.637	.179	345	1039	-.320	.058	-.134	-.489	345	1211	-.306	.058	-.123	-.568
345	926	.312	.081	.576	.128	345	1040	-.311	.060	-.076	-.513	345	1212	-.307	.061	-.108	-.824
345	927	.289	.072	.538	.115	345	1041	-.320	.063	-.081	-.615	345	1213	-.299	.063	-.097	-.797
345	928	.253	.073	.565	.071	345	1042	-.336	.071	-.075	-.653	345	1214	-.311	.068	-.092	-.907
345	929	.206	.071	.518	.042	345	1101	-.328	.065	-.096	-.580	345	1215	-.319	.077	-.086	-.972
345	930	.127	.070	.423	-.049	345	1102	-.312	.057	-.087	-.565	345	1216	-.374	.084	-.112	-.894
345	931	.003	.060	.262	-.131	345	1103	-.319	.052	-.115	-.556	345	1217	-.030	.063	.214	-.238
345	932	-.149	.056	.151	-.303	345	1104	-.329	.049	-.152	-.494	345	1218	.168	.082	.513	-.034
345	933	-.304	.063	-.097	-.577	345	1105	-.345	.049	-.207	-.536	345	1219	.290	.095	.698	.079
345	934	-.299	.061	-.091	-.513	345	1106	-.340	.052	-.191	-.515	345	1220	.353	.103	.769	.126
345	935	-.312	.057	-.138	-.598	345	1107	-.334	.055	-.152	-.510	345	1221	.363	.096	.738	.151
345	936	-.304	.057	-.130	-.538	345	1108	-.327	.061	-.136	-.619	345	1222	.379	.093	.737	.175
345	937	-.302	.054	-.143	-.475	345	1109	-.336	.055	-.149	-.633	345	1223	.355	.085	.700	.164
345	938	-.307	.054	-.117	-.457	345	1110	-.328	.057	-.130	-.638	345	1224	.350	.085	.719	.154
345	939	-.324	.051	-.165	-.484	345	1111	-.331	.060	-.133	-.756	345	1225	.372	.080	.731	.119
345	940	-.317	.052	-.126	-.488	345	1112	-.332	.063	-.131	-.764	345	1226	.237	.005	.254	.217
345	941	-.315	.051	-.109	-.481	345	1113	-.350	.065	-.144	-.611	345	1227	.364	.080	.721	.193
345	942	-.314	.052	-.087	-.497	345	1114	-.376	.074	-.134	-.706	345	1228	.346	.076	.696	.185
345	943	-.336	.063	-.112	-.675	345	1115	-.078	.057	-.144	-.258	345	1229	.336	.069	.581	.185
345	944	-.339	.073	-.131	-.839	345	1116	.108	.069	.410	-.078	345	1230	.364	.086	.627	.173
345	1001	-.323	.066	-.097	-.708	345	1117	.254	.082	.549	.062	345	1231	.374	.085	.666	.173
345	1002	-.318	.057	-.104	-.692	345	1118	.312	.087	.612	.094	345	1232	.362	.087	.643	.157
345	1003	-.331	.053	-.123	-.523	345	1119	.330	.084	.646	.112	345	1233	.245	.077	.489	-.006
345	1004	-.332	.050	-.144	-.500	345	1120	.345	.082	.653	.117	345	1234	.241	.068	.483	.070
345	1005	-.338	.048	-.168	-.489	345	1121	.305	.070	.546	.071	345	1235	.180	.058	.385	.037
345	1006	-.338	.049	-.180	-.489	345	1122	.296	.074	.547	-.042	345	1236	.082	.048	.241	-.053
345	1007	-.335	.046	-.160	-.497	345	1123	.305	.068	.530	.002	345	1237	-.042	.042	.089	-.172
345	1008	-.319	.051	-.120	-.484	345	1124	.327	.068	.555	.149	345	1238	-.300	.063	-.133	-.526
345	1009	-.316	.052	-.118	-.562	345	1125	.332	.066	.575	.178	345	1239	-.293	.062	-.053	-.494
345	1010	-.319	.056	-.110	-.638	345	1126	.331	.067	.547	.177	345	1240	-.280	.059	-.044	-.487
345	1011	-.338	.056	-.121	-.573	345	1127	.305	.066	.530	.154	345	1241	-.271	.049	-.107	-.421
345	1012	-.332	.060	-.104	-.705	345	1128	.268	.066	.531	.118	345	1242	-.278	.048	-.126	-.424
345	1013	-.369	.064	-.097	-.661	345	1129	.227	.061	.497	.073	345	1243	-.280	.045	-.128	-.424
345	1014	-.050	.072	.292	-.249	345	1130	.160	.054	.397	.006	345	1244	-.284	.046	-.141	-.418
345	1015	.099	.072	.379	-.107	345	1131	.054	.045	.266	-.097	345	1245	-.297	.069	-.104	-.594
345	1016	.228	.080	.449	.032	345	1132	-.113	.045	.087	-.304	345	1246	-.309	.076	-.107	-.654
345	1017	.269	.082	.546	.078	345	1133	-.304	.063	-.118	-.565	345	1247	-.300	.068	-.079	-.666
345	1018	.305	.085	.578	.079	345	1134	-.291	.059	-.108	-.554	345	1248	-.288	.085	.023	-.719
345	1019	.346	.095	.753	.105	345	1135	-.282	.057	-.107	-.478	345	1301	-.376	.085	-.124	-.829
345	1020	.359	.094	.711	.115	345	1136	-.289	.058	-.120	-.491	345	1302	-.350	.061	-.155	-.675
345	1021	.319	.091	.606	.066	345	1137	-.279	.050	-.128	-.432	345	1303	-.399	.066	-.206	-.854
345	1022	.323	.086	.611	.097	345	1138	-.286	.050	-.130	-.442	345	1304	-.381	.073	-.129	-.738
345	1023	.307	.072	.557	.121	345	1139	-.283	.047	-.115	-.429	345	1305	-.383	.072	-.159	-.726
345	1024	.315	.069	.547	.136	345	1140	-.291	.048	-.136	-.458	345	1306	-.361	.052	-.215	-.616
345	1025	.285	.066	.520	.097	345	1141	-.296	.054	-.058	-.495	345	1307	-.362	.057	-.229	-.735
345	1026	.259	.065	.517	.086	345	1142	-.300	.057	.036	-.507	345	1308	-.341	.060	-.141	-.705
345	1027	.191	.064	.426	.057	345	1143	-.294	.056	.011	-.521	345	1309	-.225	.097	.147	-.524
345	1028	.135	.060	.384	-.010	345	1144	-.307	.058	-.081	-.512	345	1310	-.154	.084	.201	-.435
345	1029	.019	.053	.248	-.146	345	1201	-.250	.084	.015	-.517	345	1311	-.187	.059	.068	-.401
345	1030	-.129	.047	.068	-.311	345	1202	-.247	.075	-.071	-.573	345	1312	-.113	.113	.271	-.567
345	1031	-.318	.068	-.104	-.525	345	1203	-.234	.074	-.047	-.507	345	1313	.211	.253	.864	-.764
345	1032	-.302	.066	-.083	-.517	345	1204	-.314	.083	-.097	-.536	0	0	0.000	0.000	0.000	0.000
345	1033	-.307	.064	-.126	-.522	345	1205	-.327	.057	-.062	-.526	0	0	0.000	0.000	0.000	0.000

FIGURES

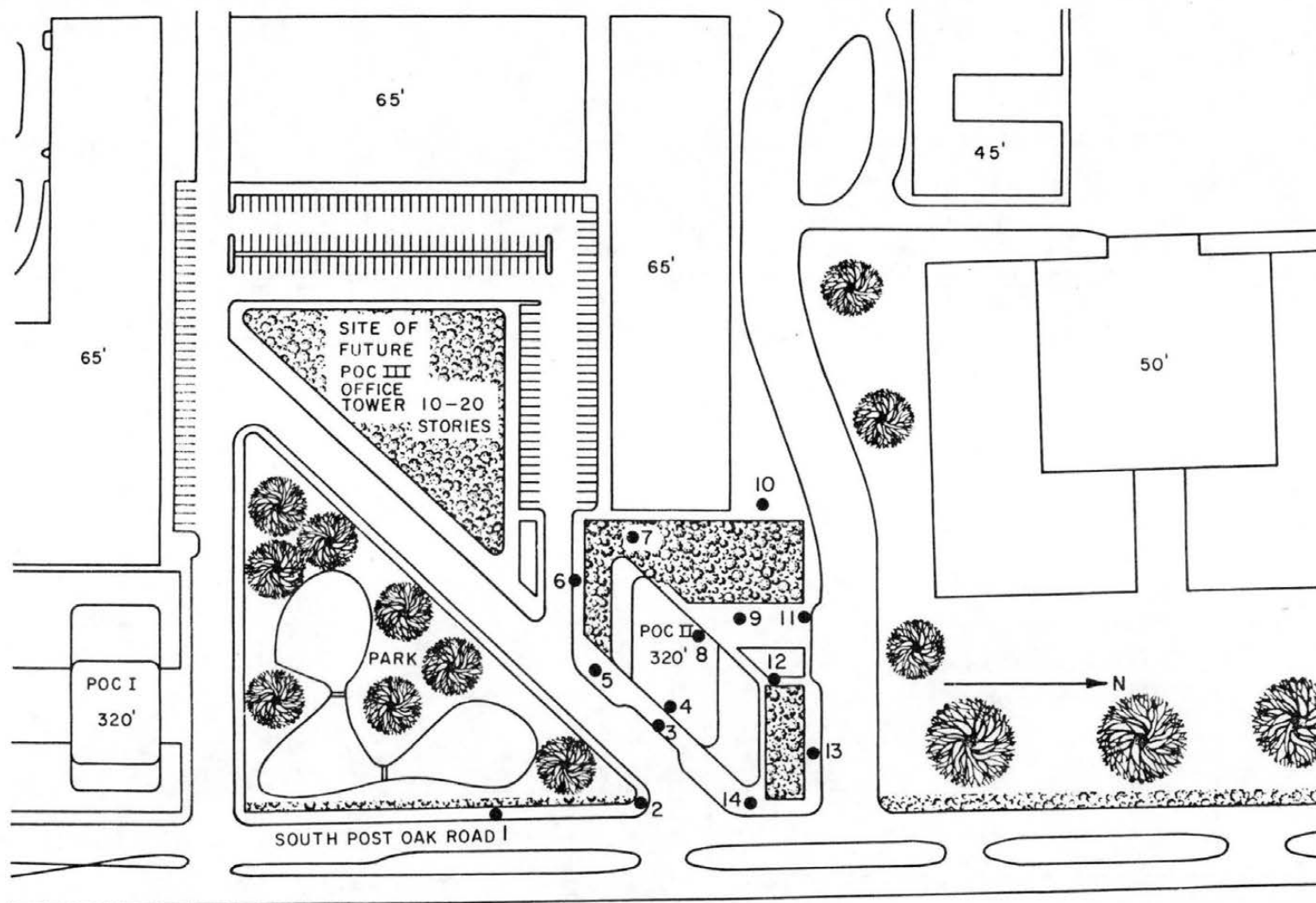
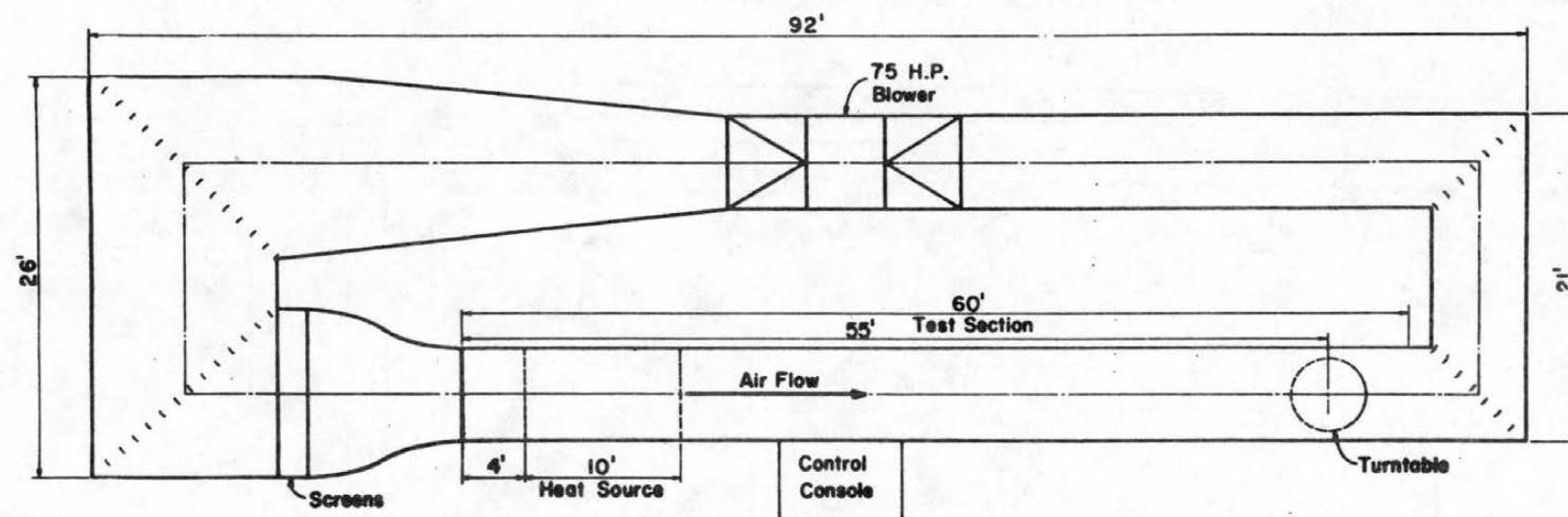
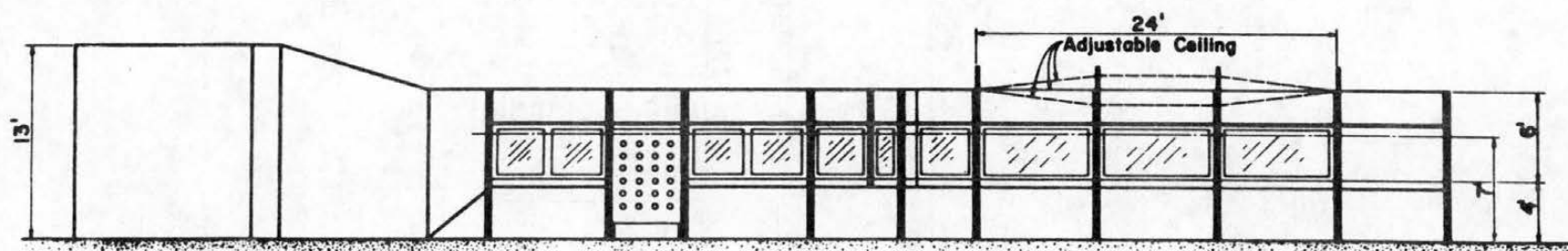


Figure 1. Post Oak Central Building Location and Pedestrian Wind Velocity Measuring Positions



PLAN



ELEVATION

Figure 2. Industrial Aerodynamics Wind Tunnel

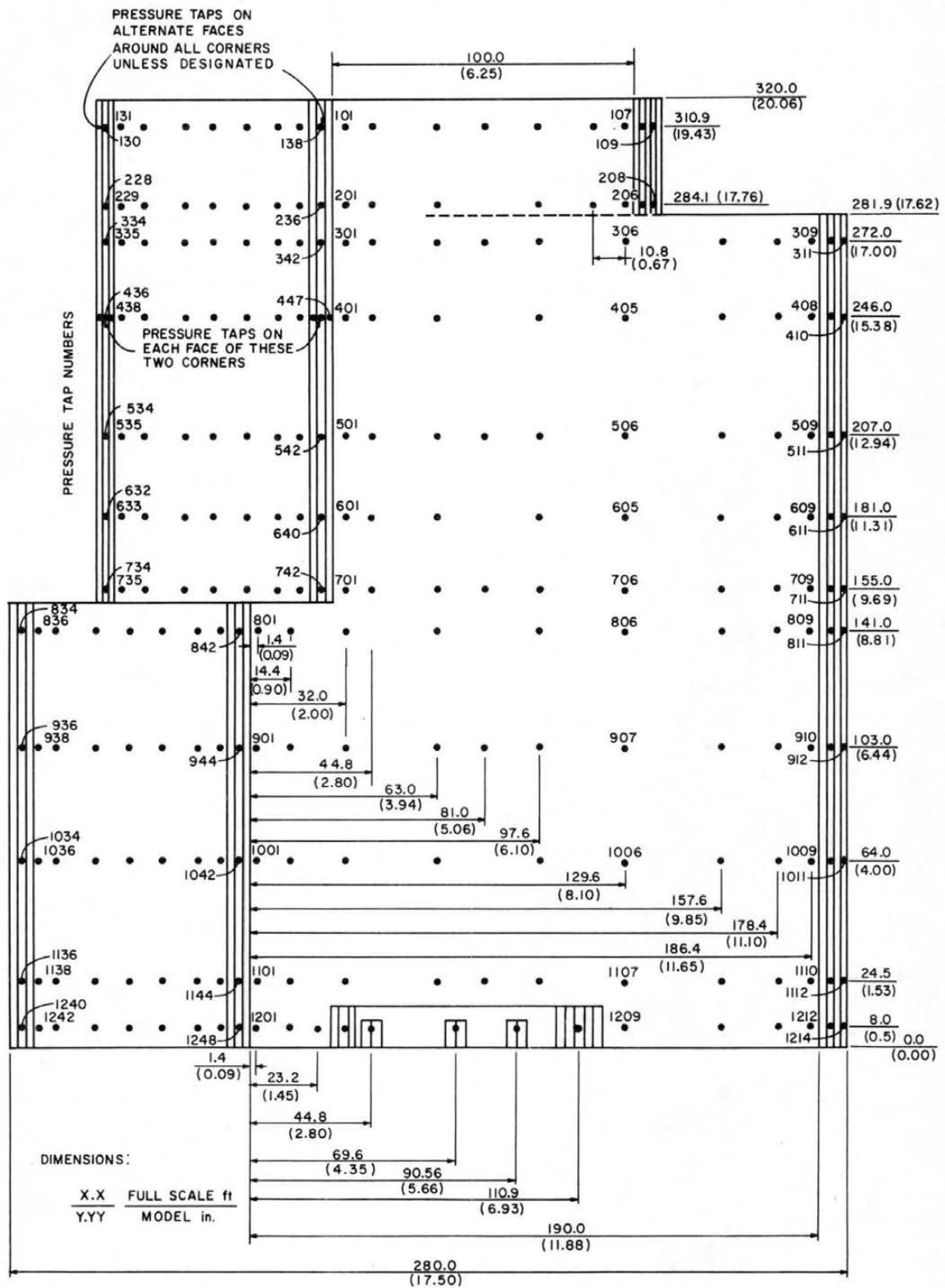
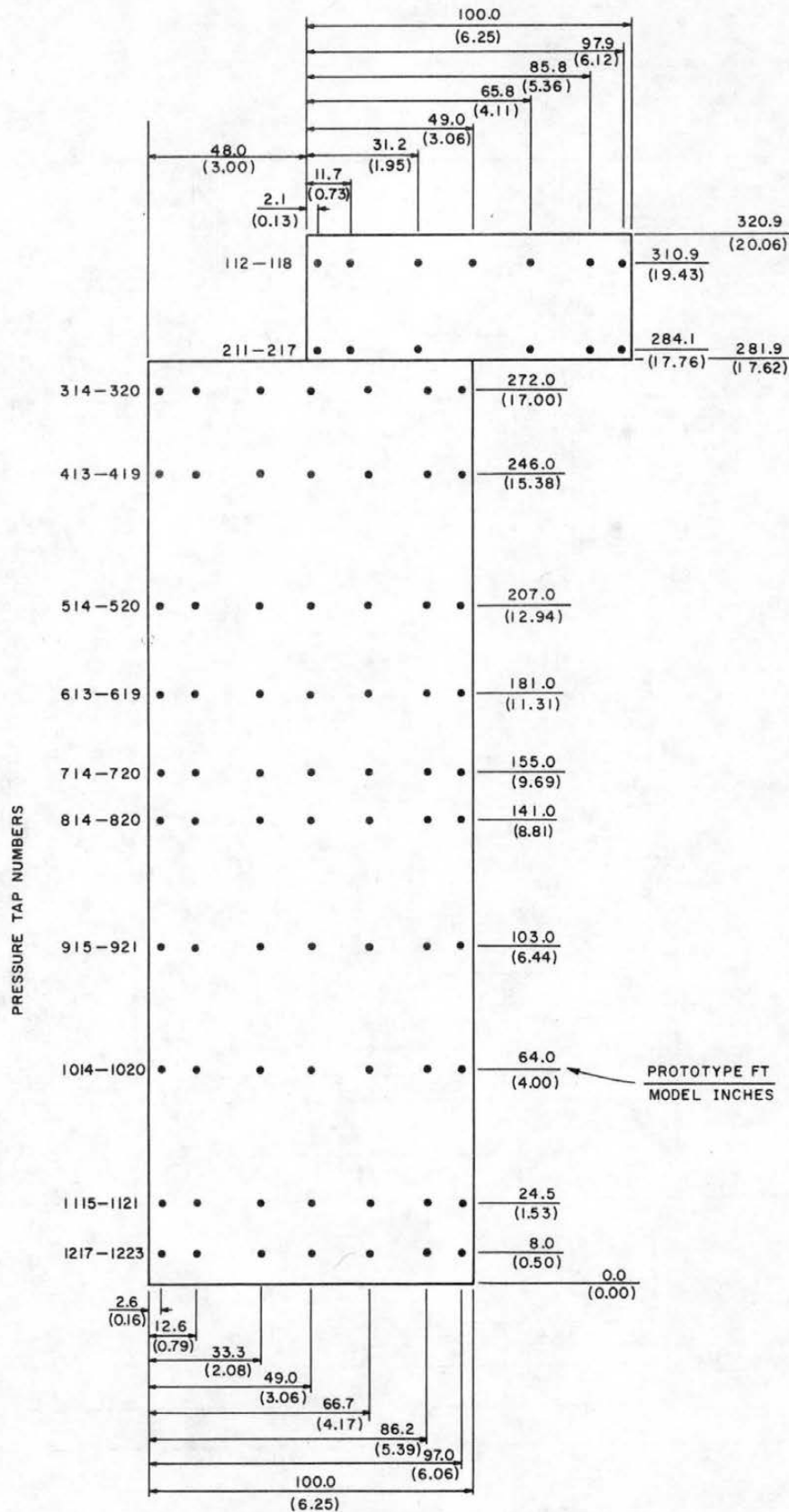


FIGURE 3A. PRESSURE TAP LOCATIONS



MODEL SCALE 1:192

FIGURE 3B. PRESSURE TAP LOCATIONS

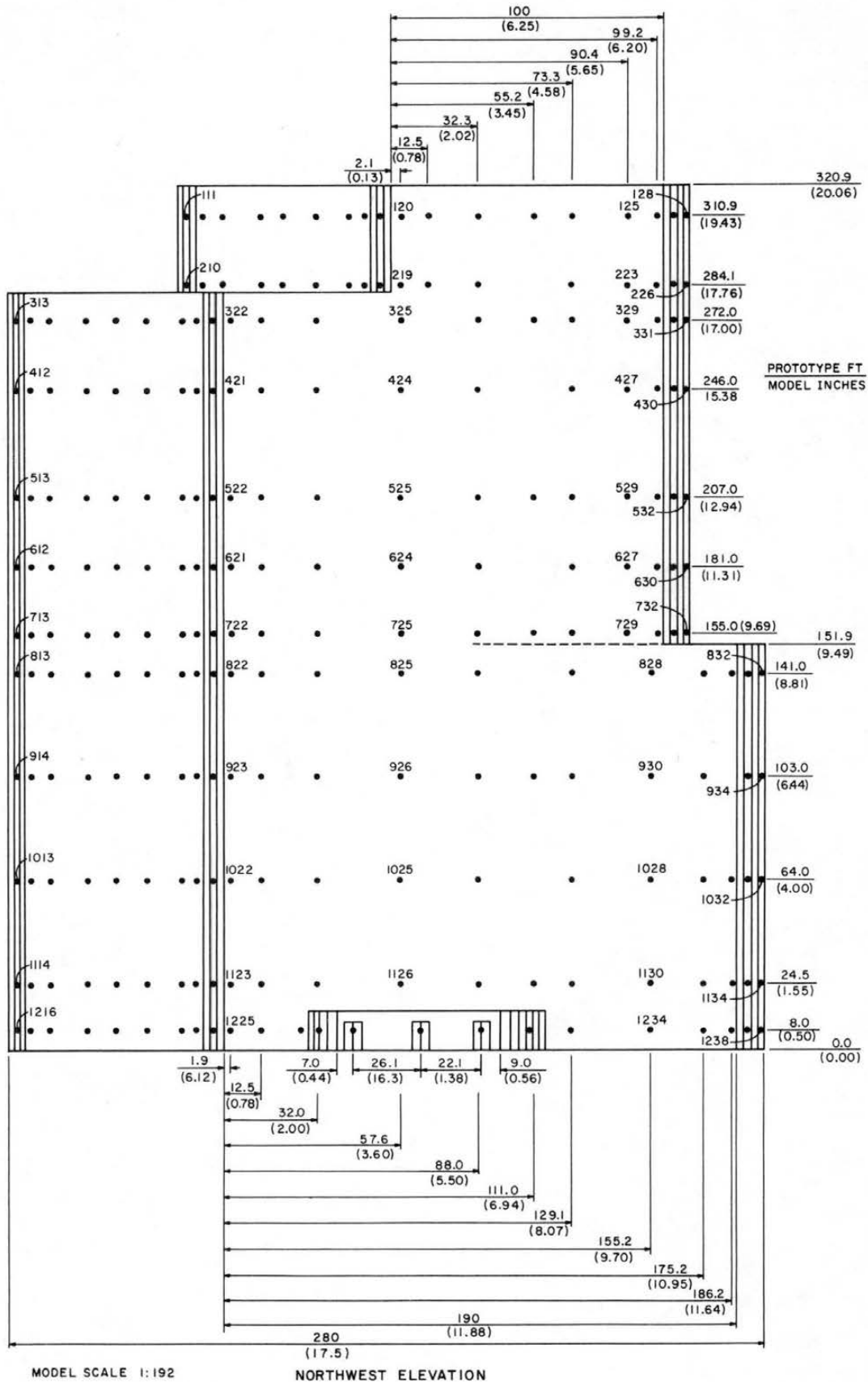


FIGURE 3C. PRESSURE TAP LOCATIONS

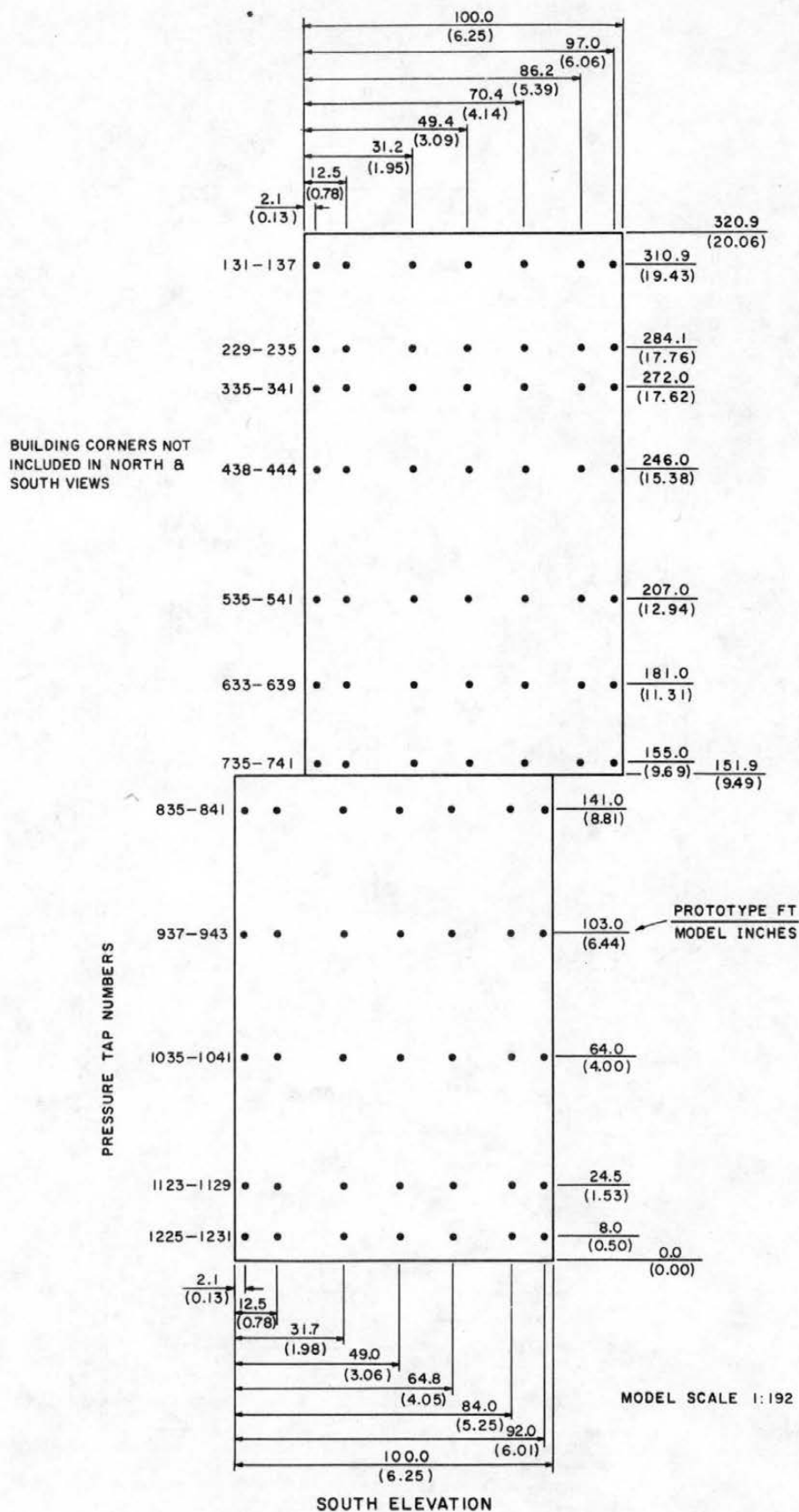
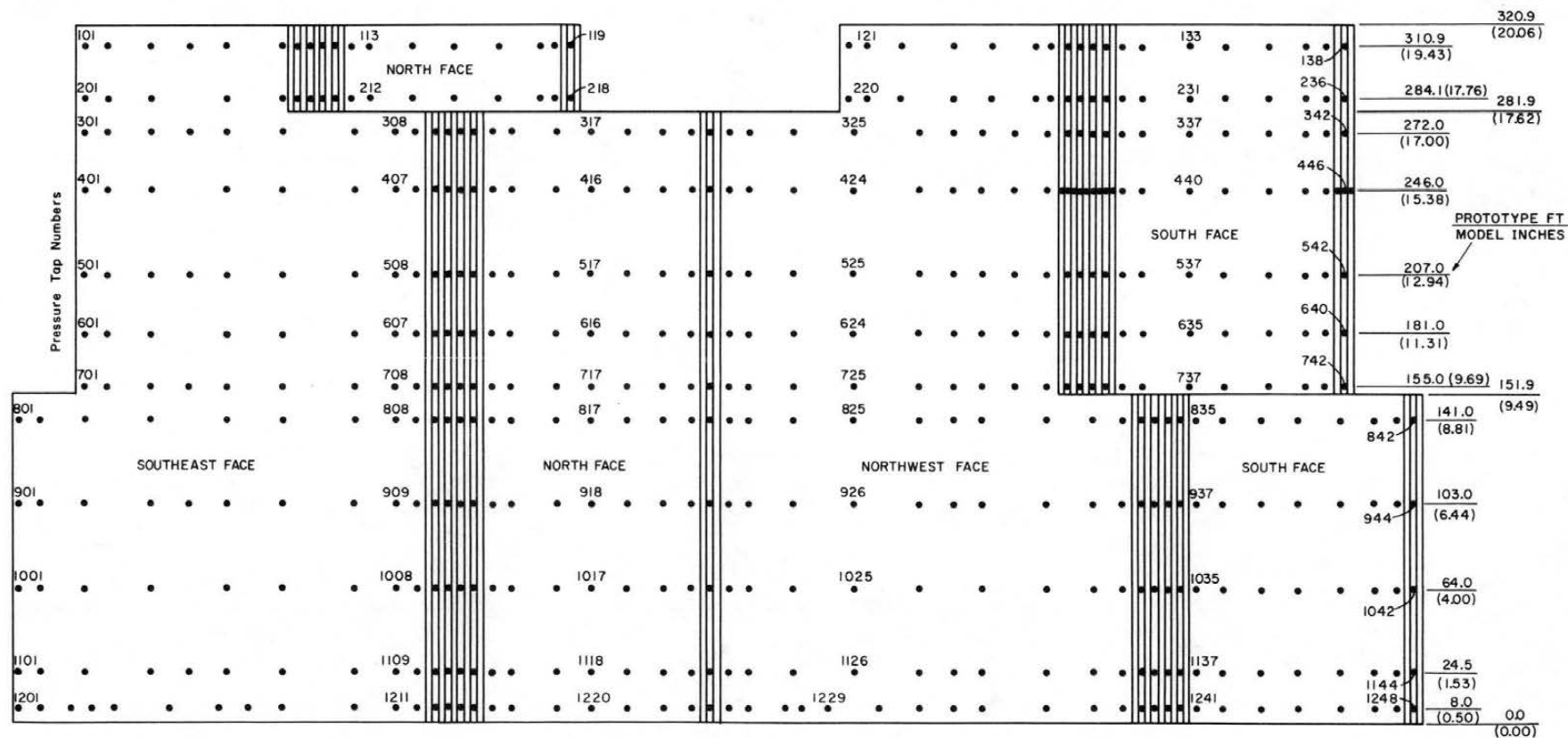


FIGURE 3D. PRESSURE TAP LOCATIONS



DEVELOPED BUILDING SURFACE

MODEL SCALE 1:192

FIGURE 3E. PRESSURE TAP LOCATIONS

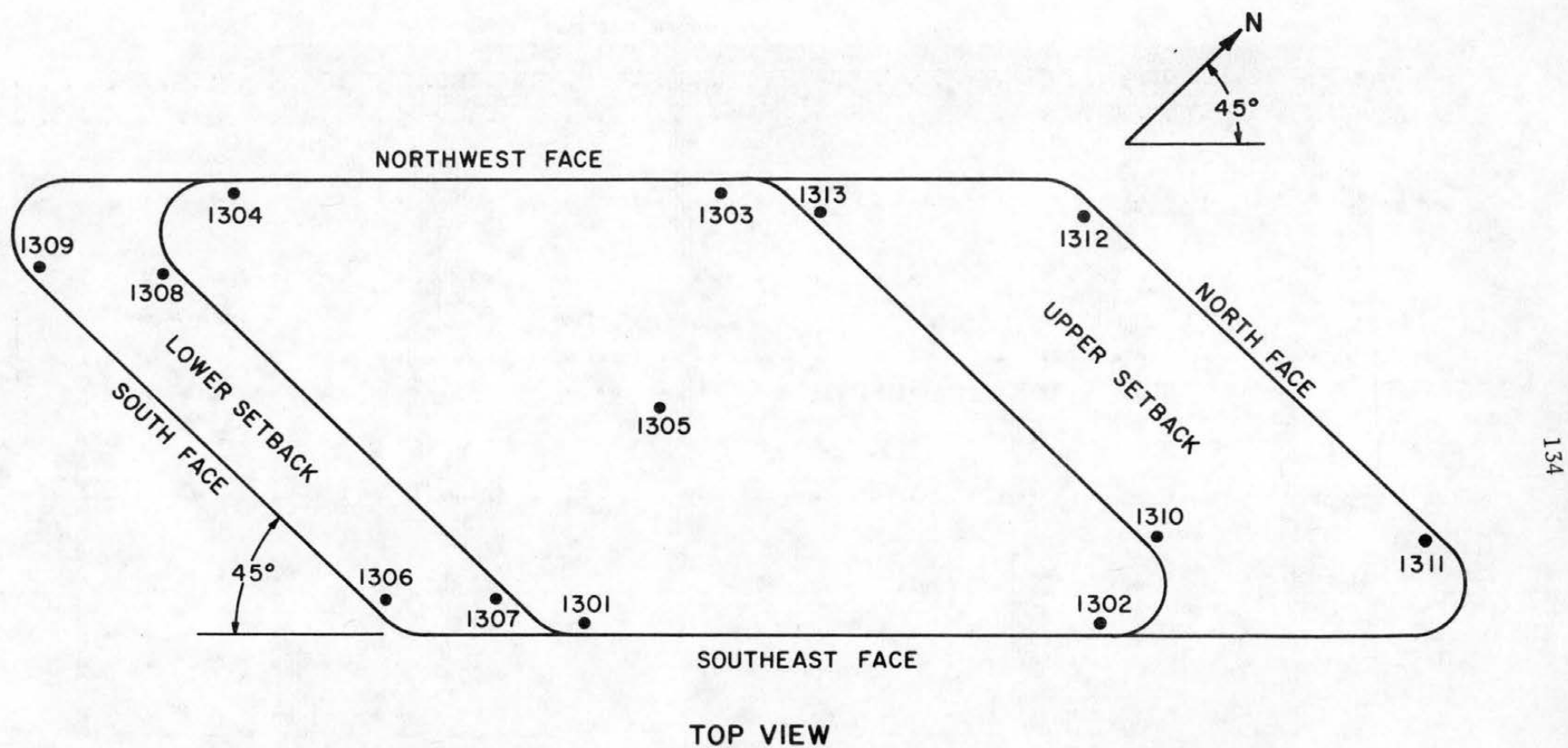


Figure 3f. Pressure Tap Locations--Roof

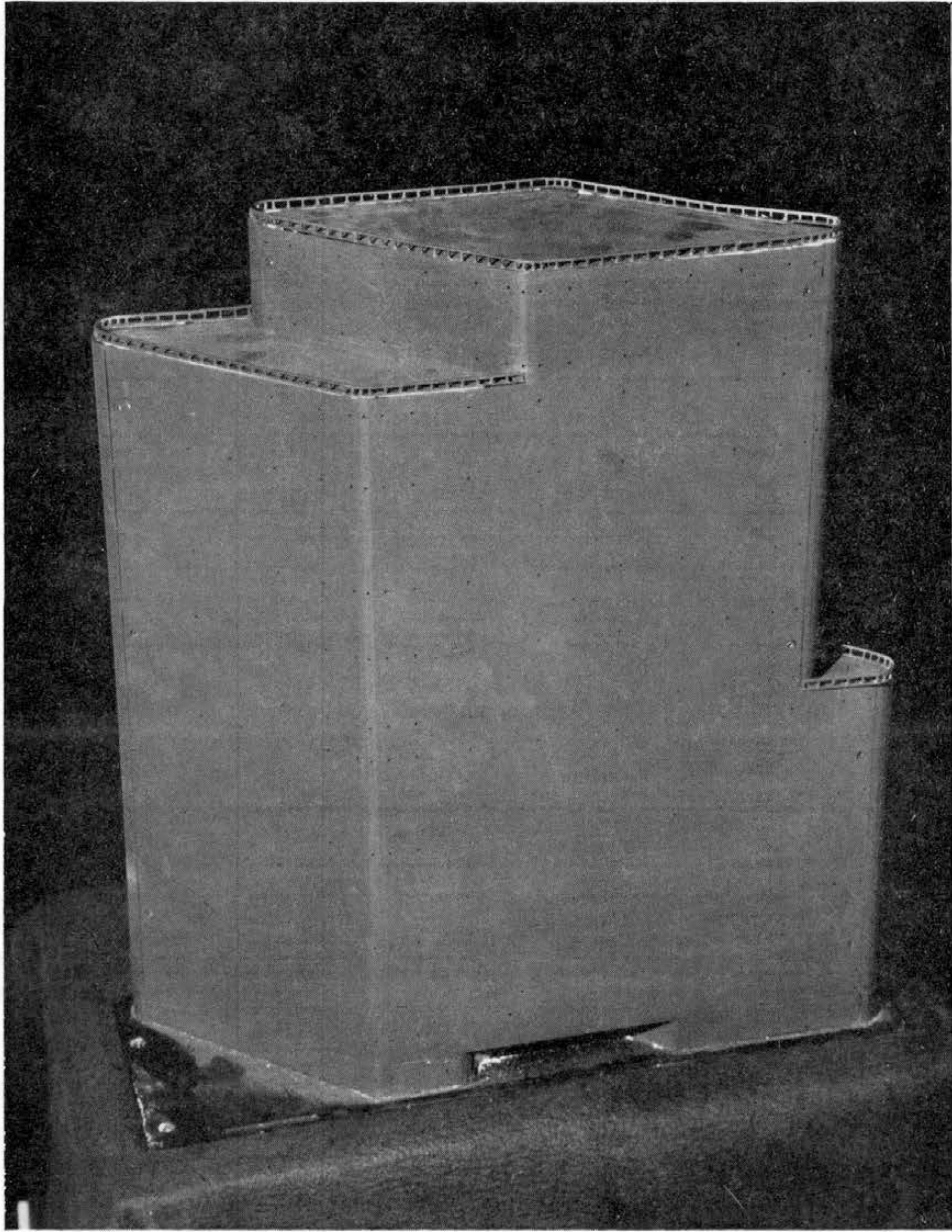


Figure 4. Completed Model in the Wind Tunnel

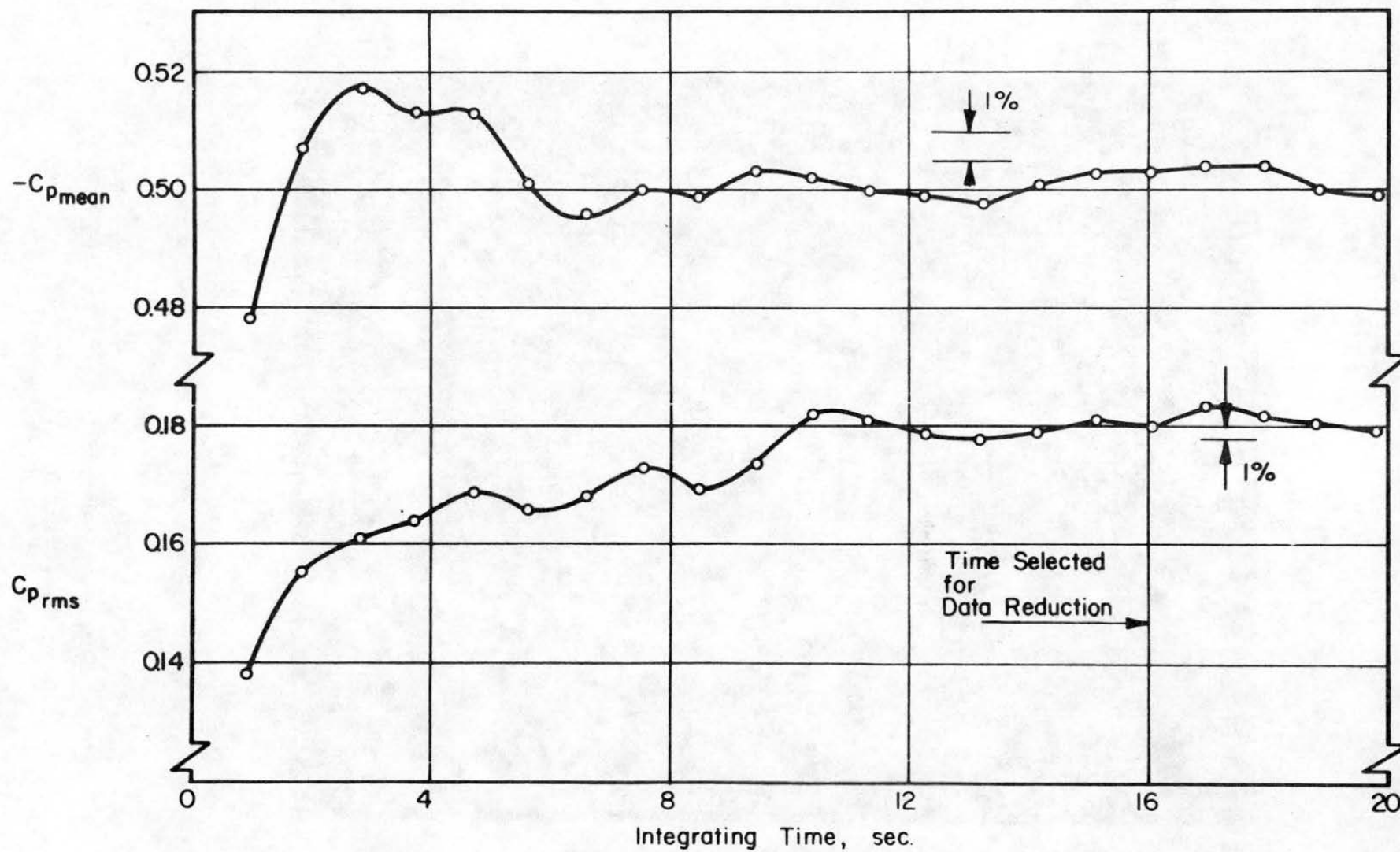


Figure 5. Data Sampling Time Verification

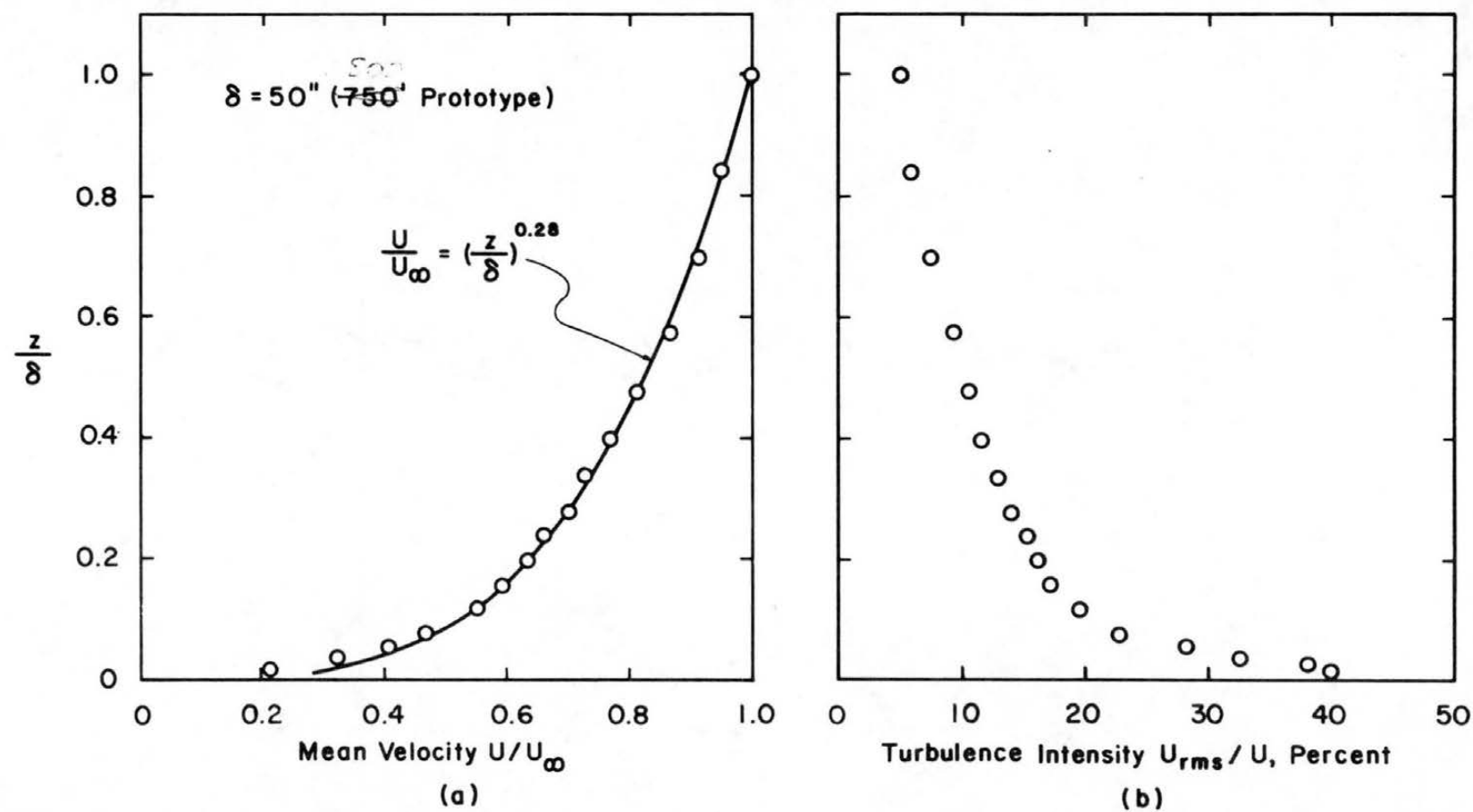
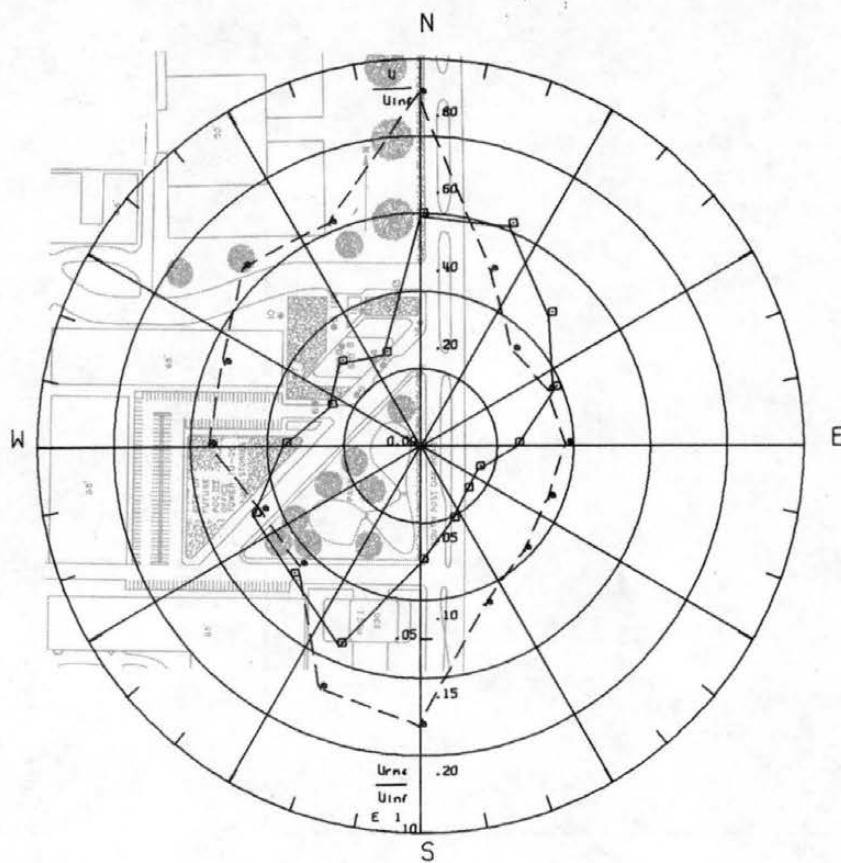
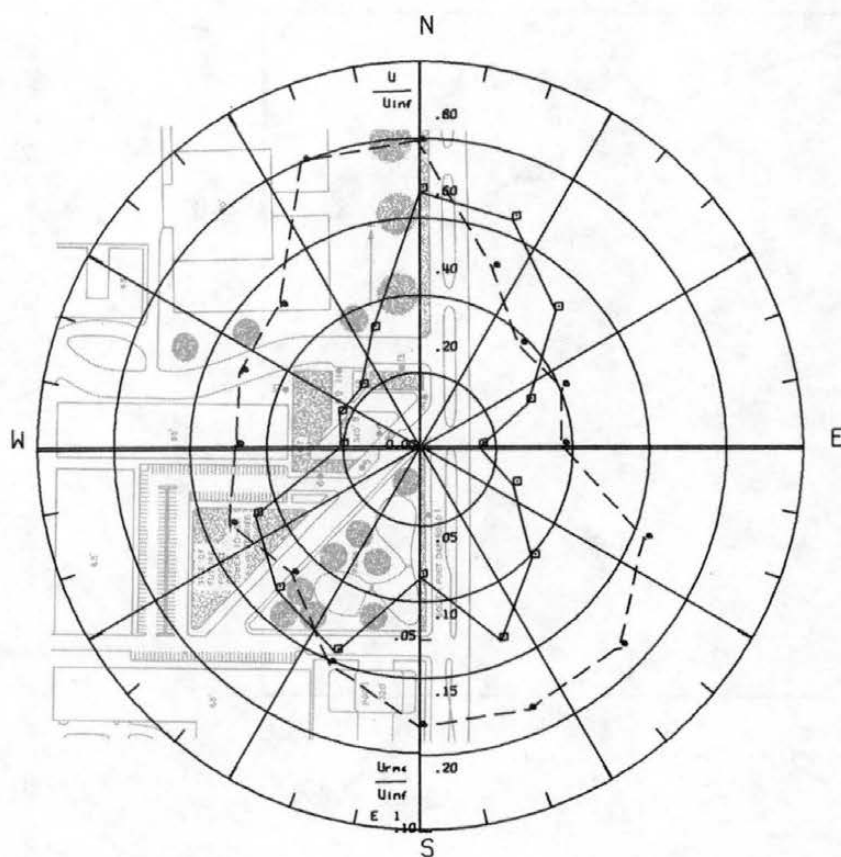


Figure 6. Velocity and Turbulence Profiles Approaching the Model



Location 1



Location 2

Figure 7. Mean Velocity and Turbulence Intensity at Positions 1 and 2

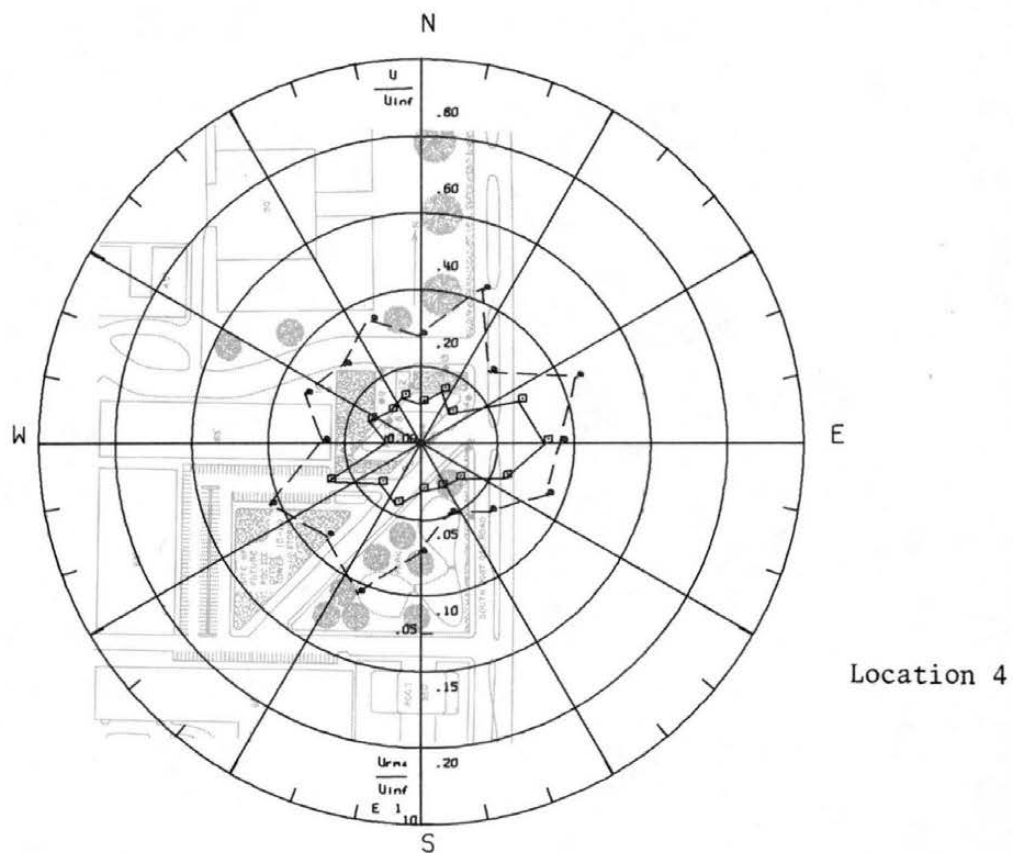
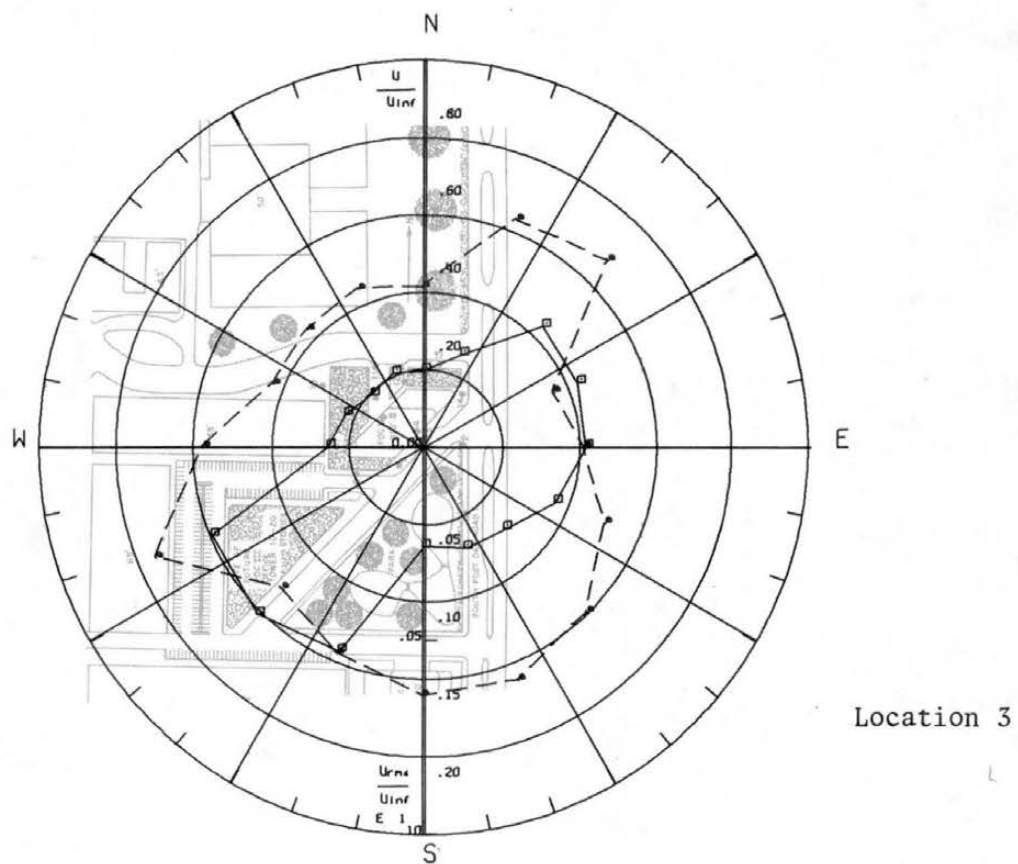


Figure 8. Mean Velocity and Turbulence Intensity at Positions 3 and 4

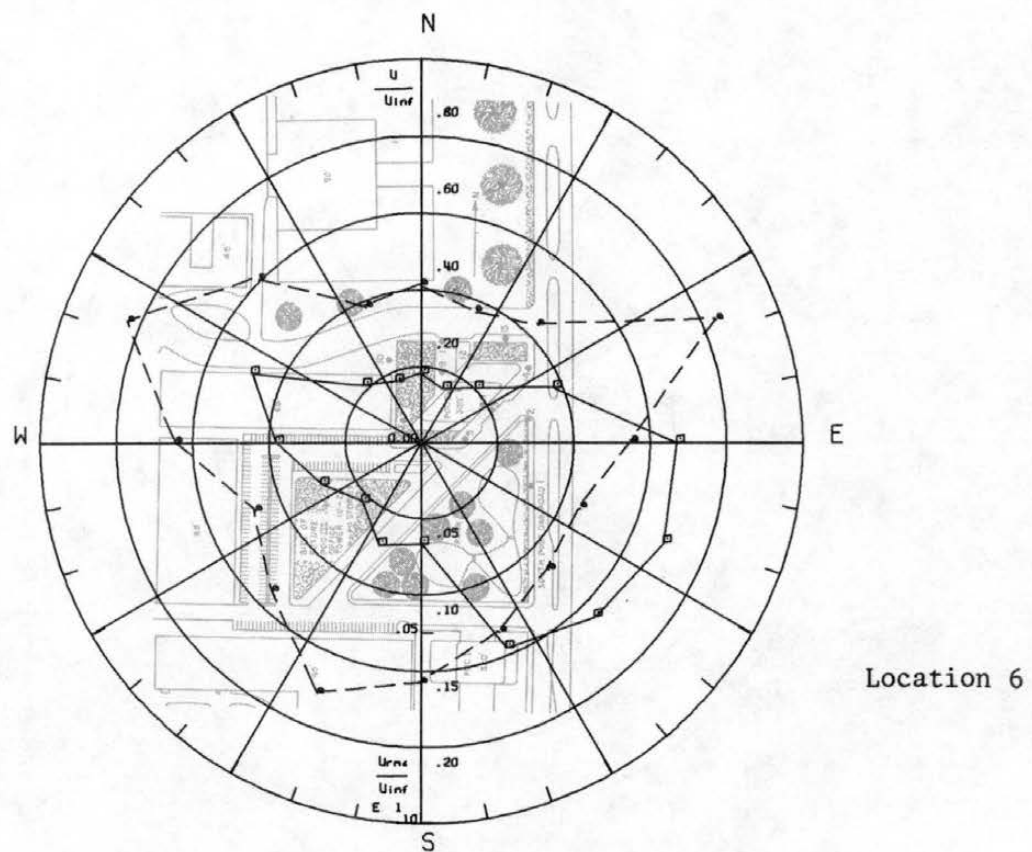
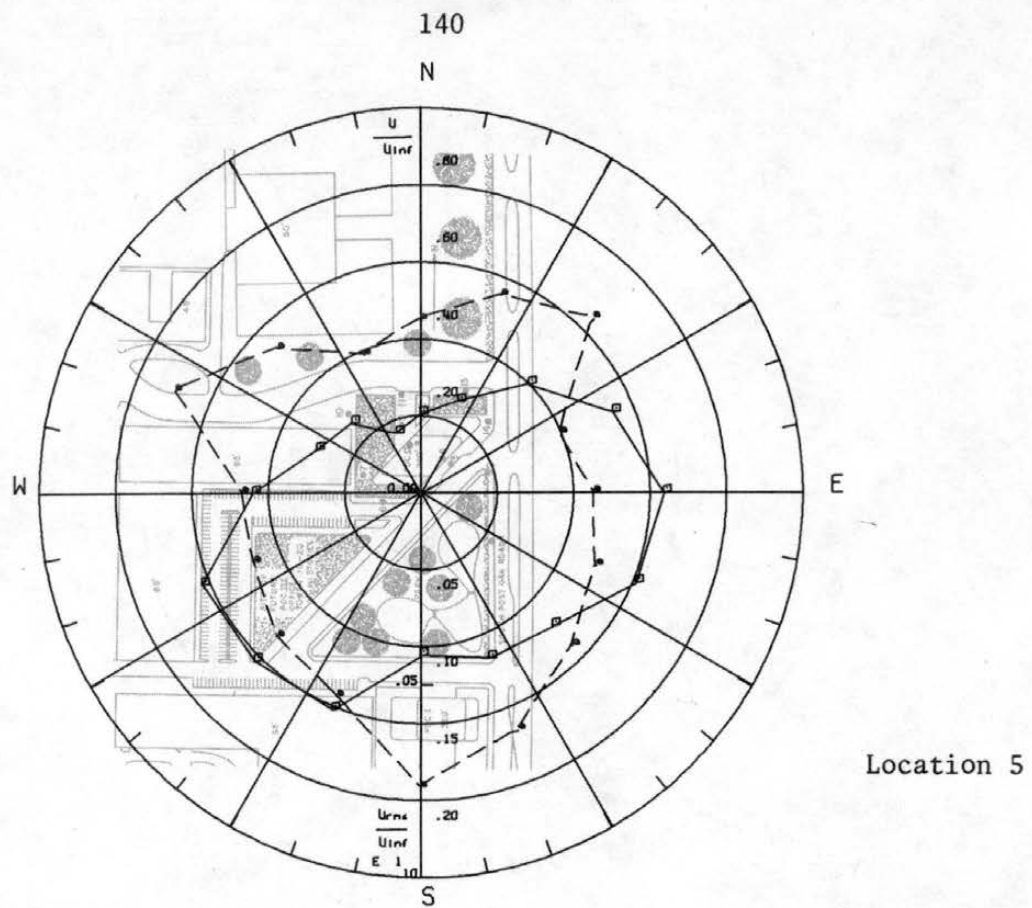
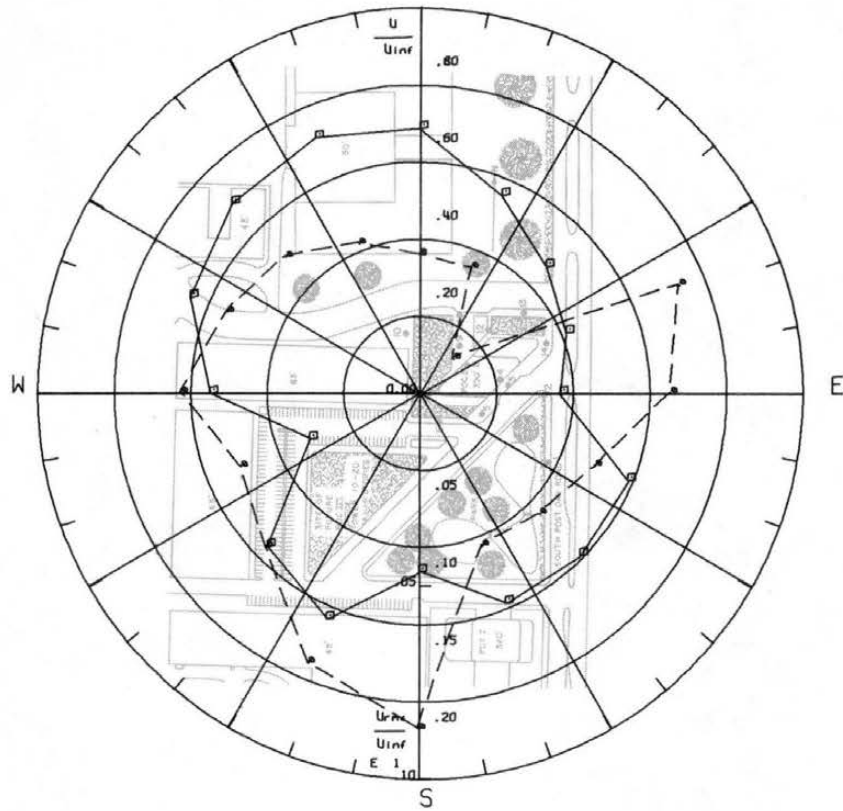


Figure 9. Mean Velocity and Turbulence Intensity at Positions 5 and 6

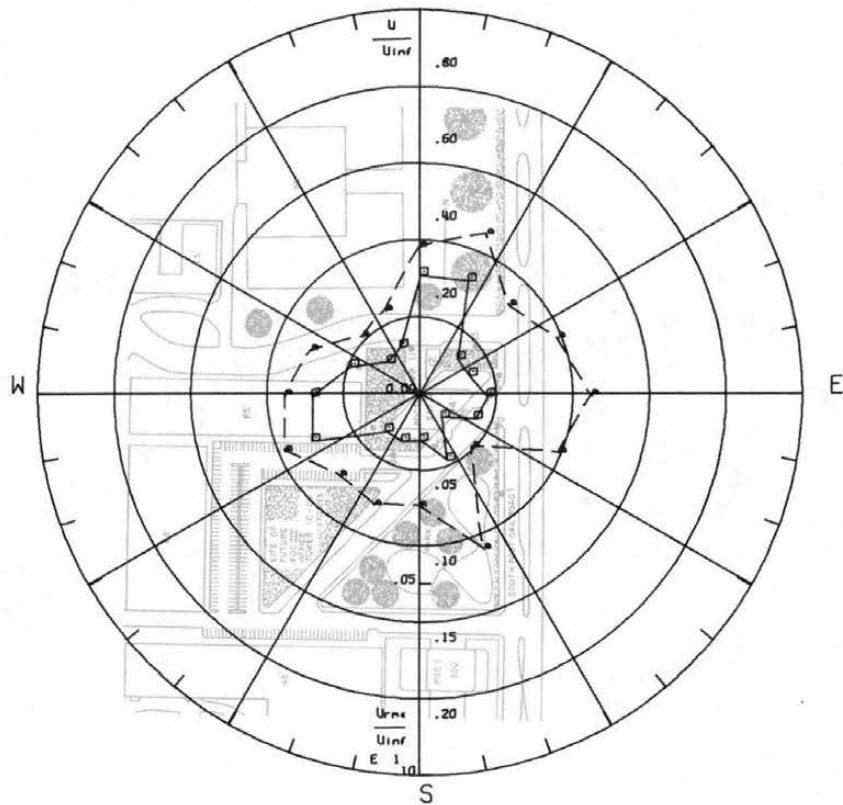
141

N



Location 7

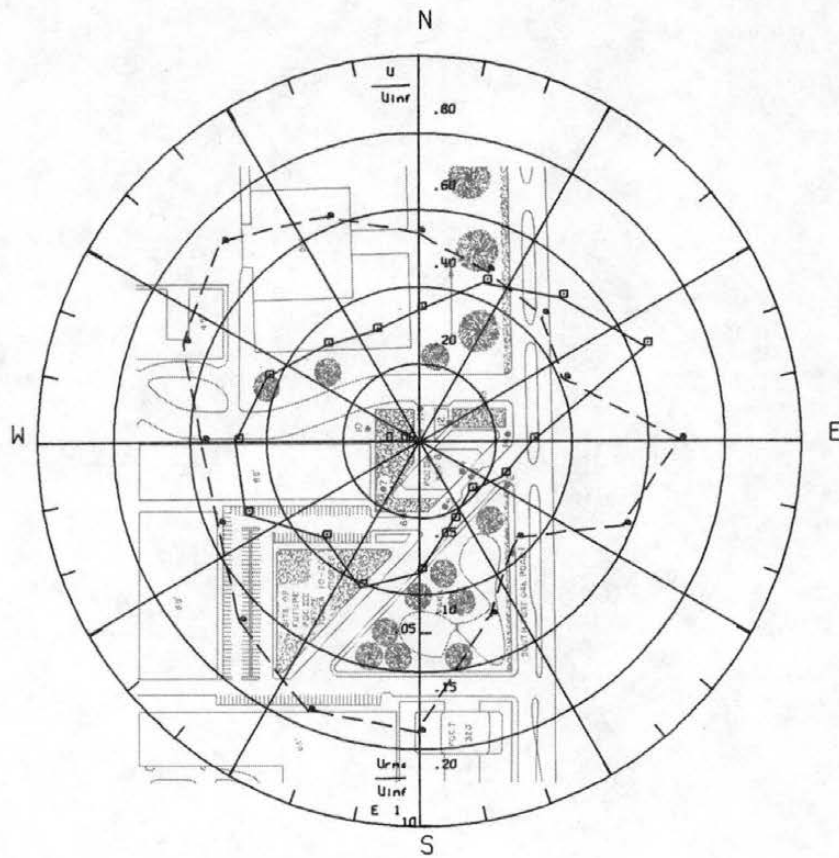
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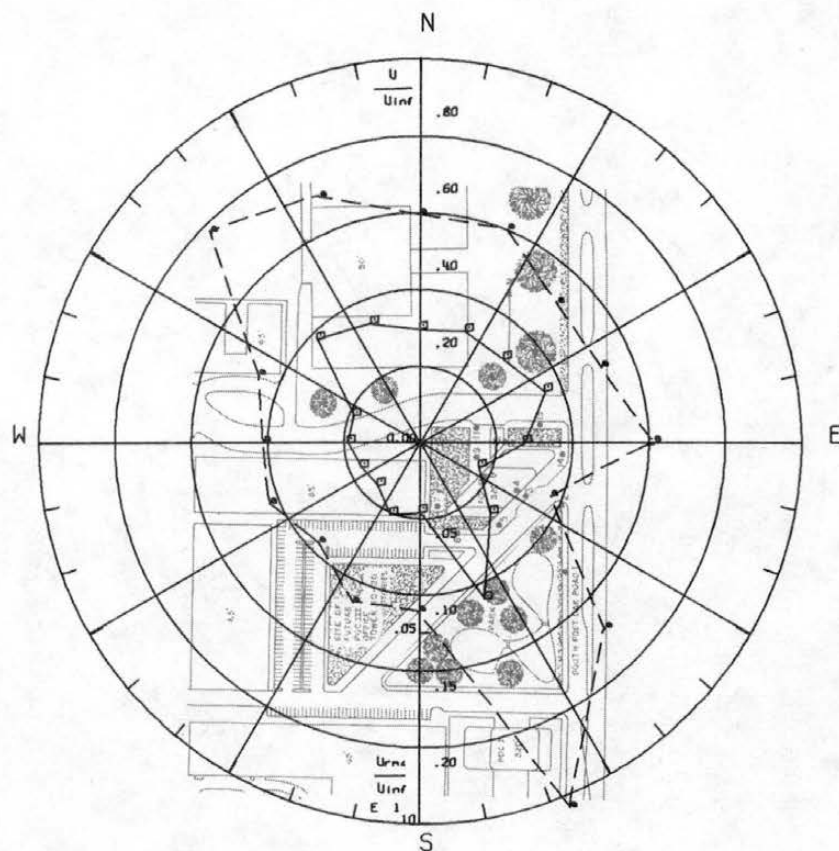
Location 8

Figure 10. Mean Velocity and Turbulence Intensity at Positions 7 and 8

142

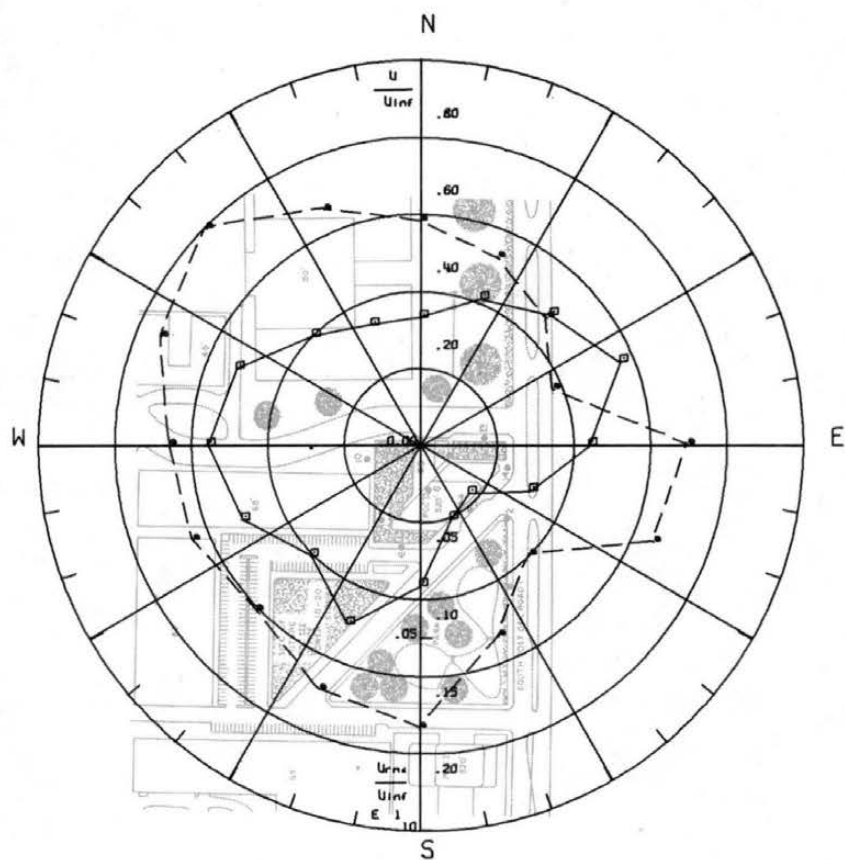


Location 9

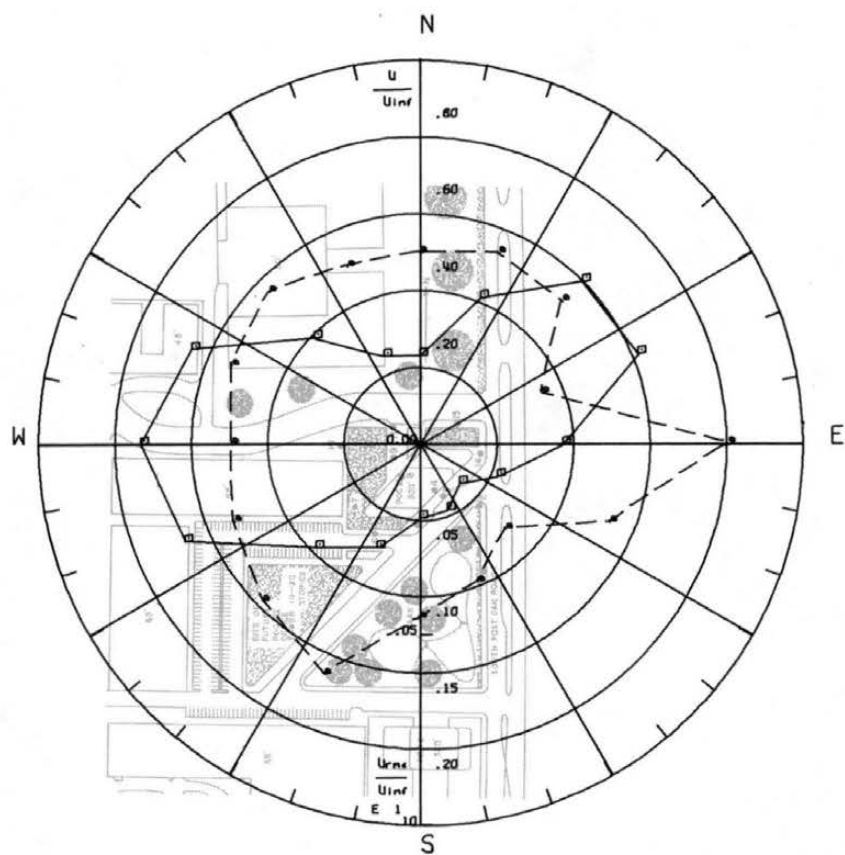


Location 10

Figure 11. Mean Velocity and Turbulence Intensity at Positions 9 and 10



Location 11

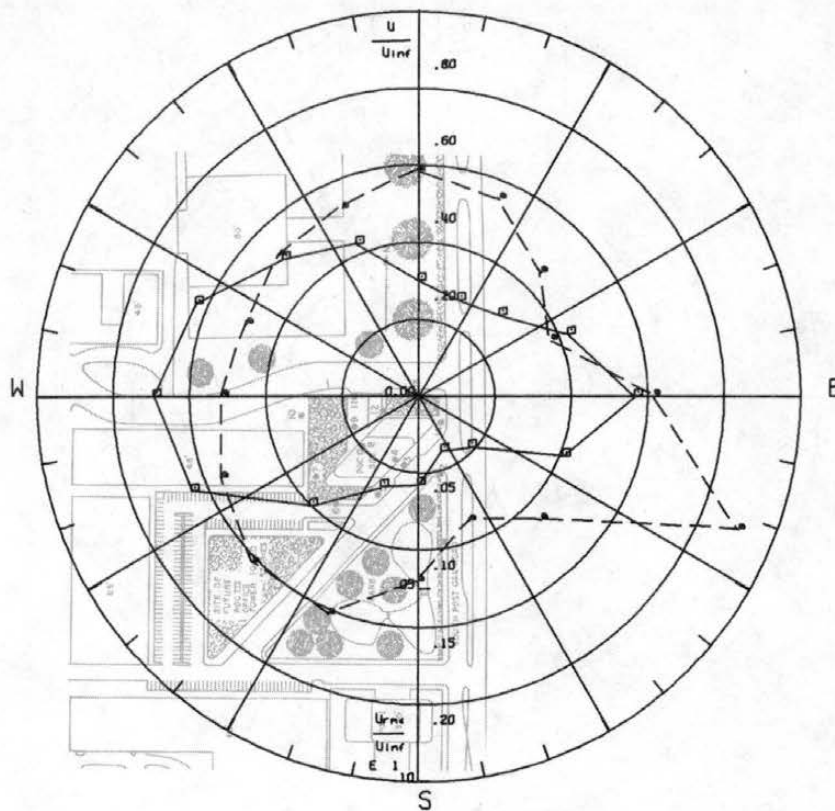


Location 12

Figure 12. Mean Velocity and Turbulence Intensity at Positions 11 and 12

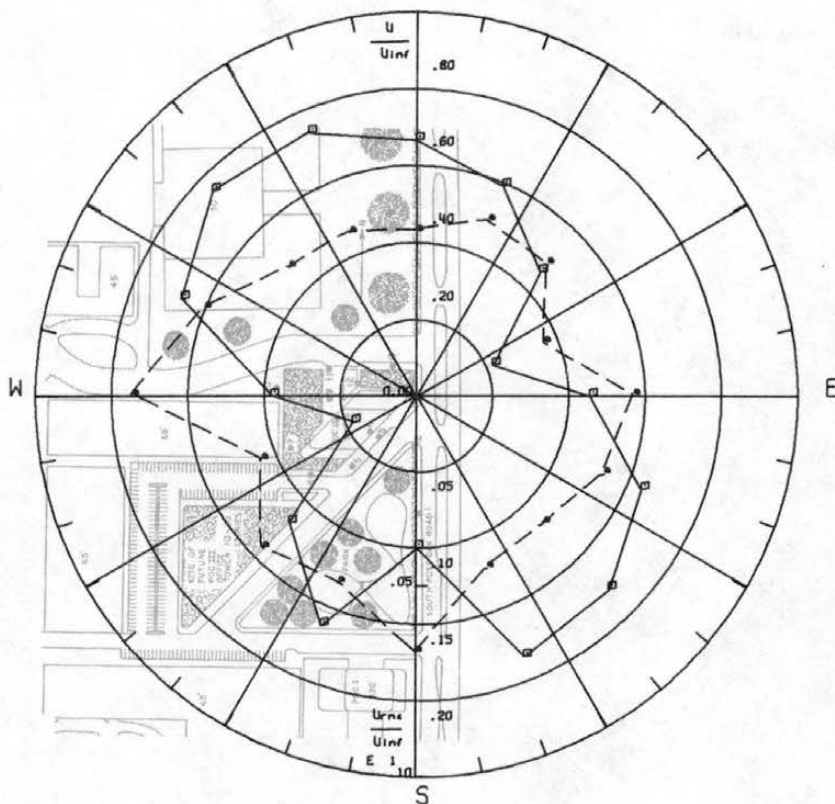
144

N



Location 13

N



Location 14

Figure 13. Mean Velocity and Turbulence Intensity at Positions 13 and 14

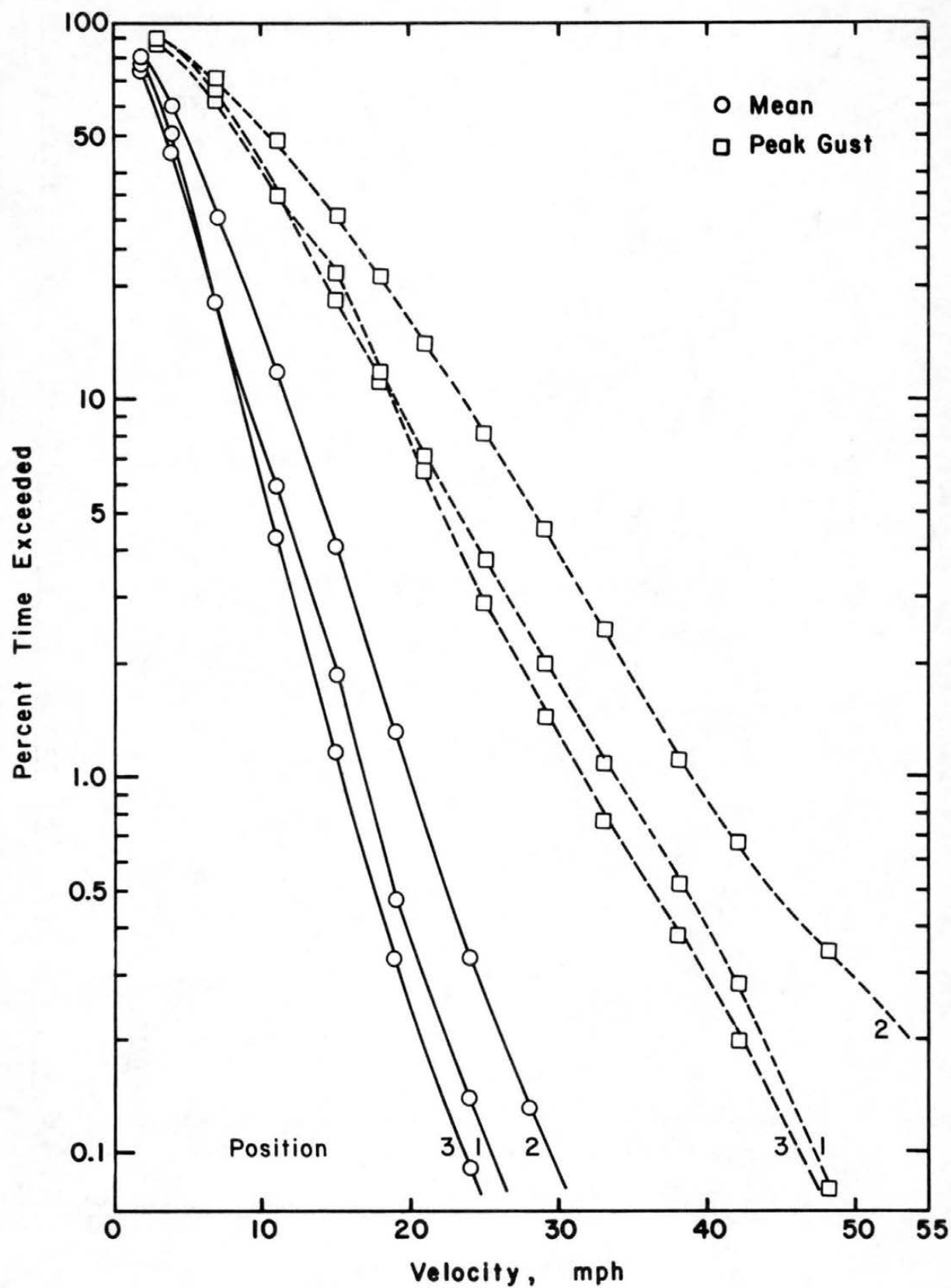


Figure 14. Wind Velocity Probabilities for Positions 1, 2 and 3

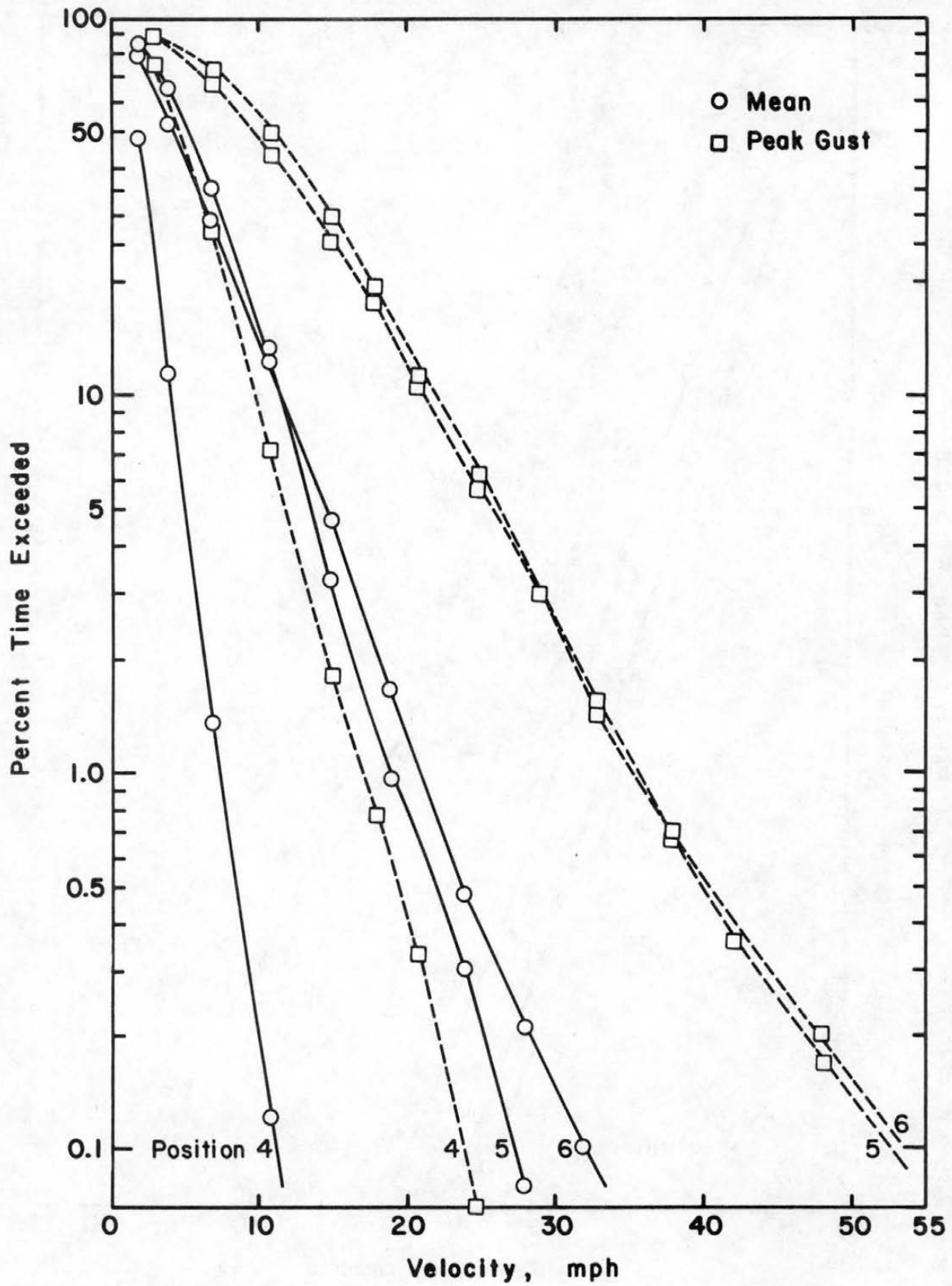


Figure 15. Wind Velocity Probabilities for Positions 4, 5 and 6

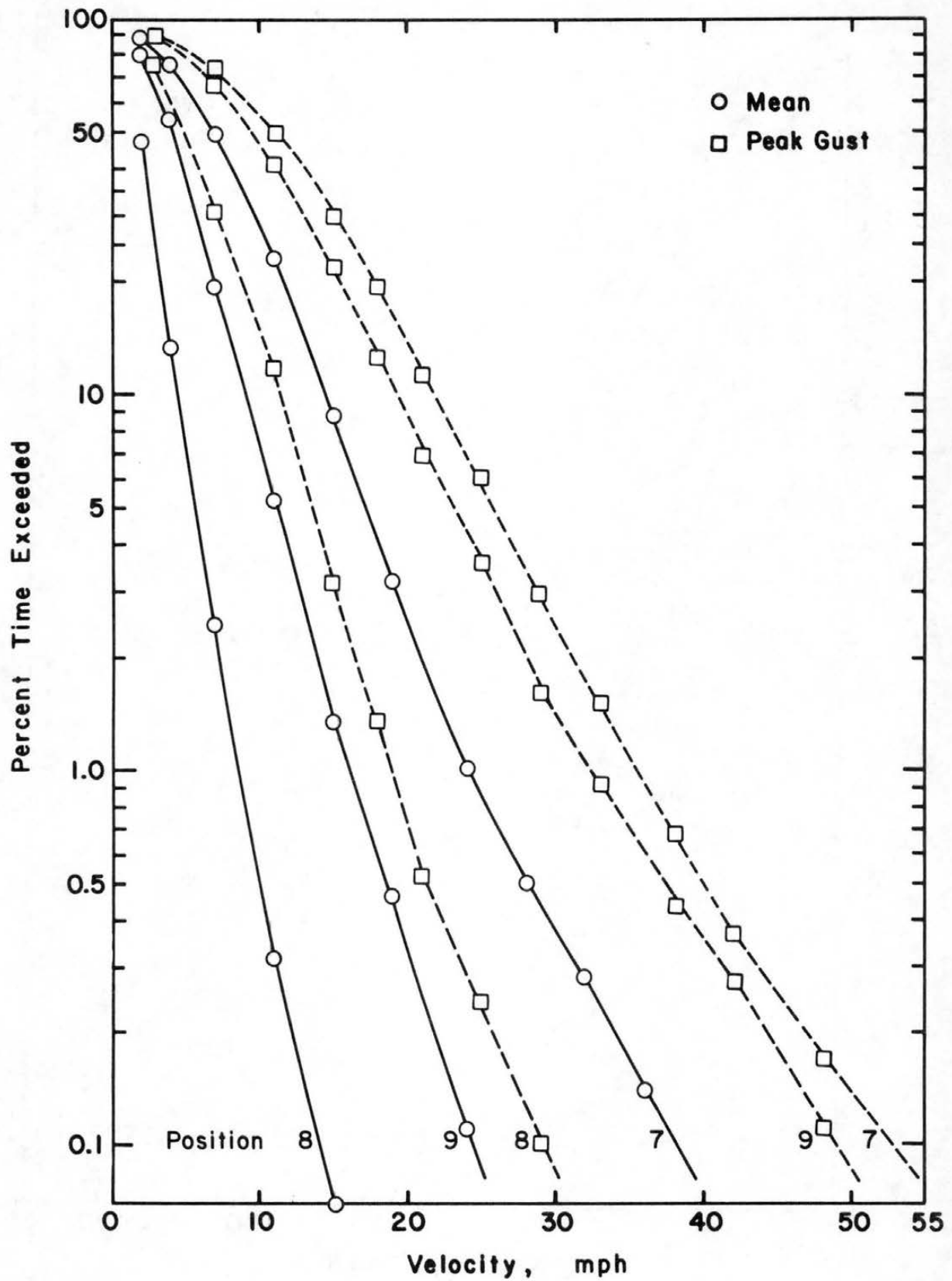


Figure 16. Wind Velocity Probabilities for Positions 7, 8 and 9

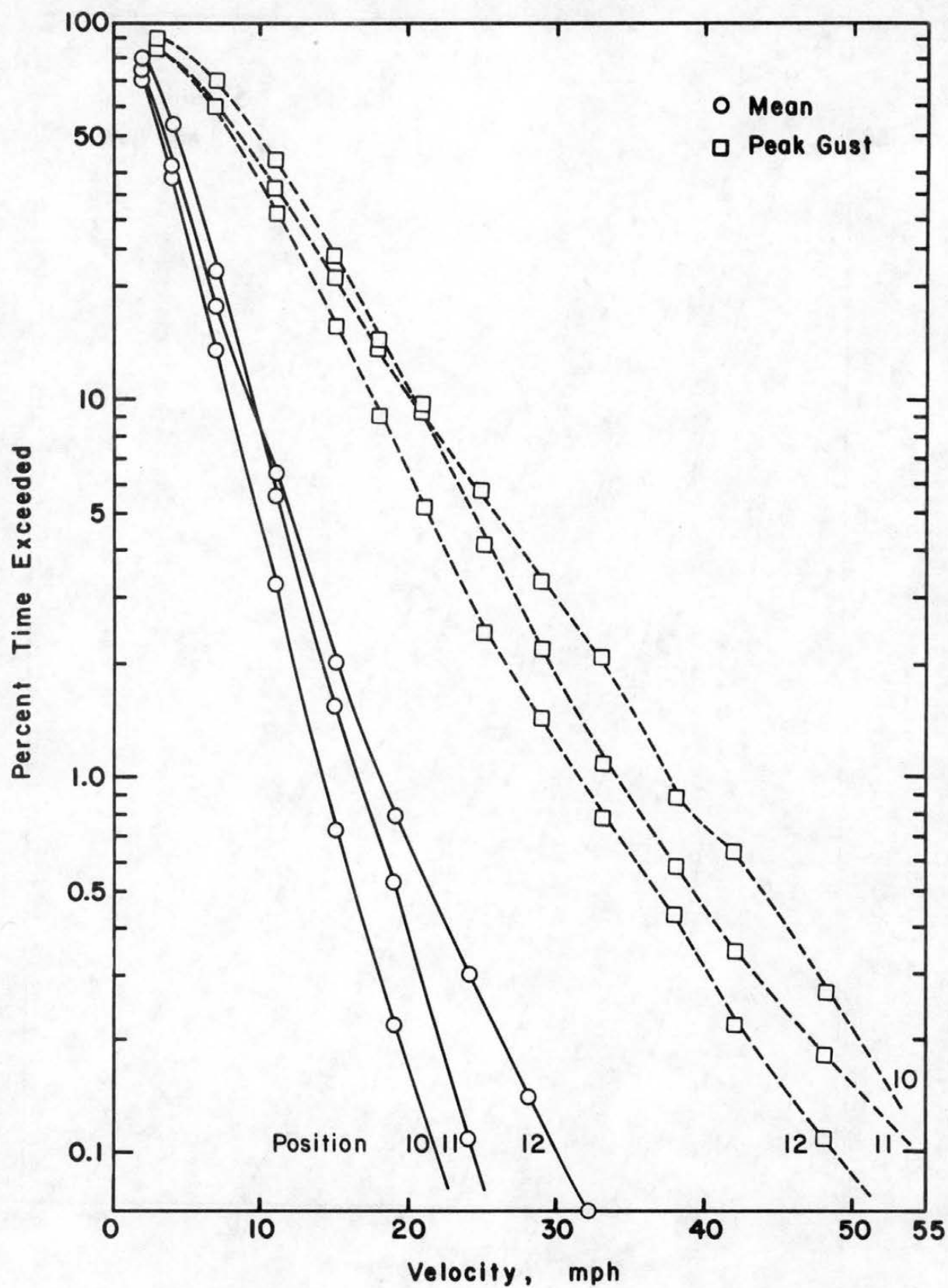


Figure 17. Wind Velocity Probabilities for Positions 10, 11 and 12.

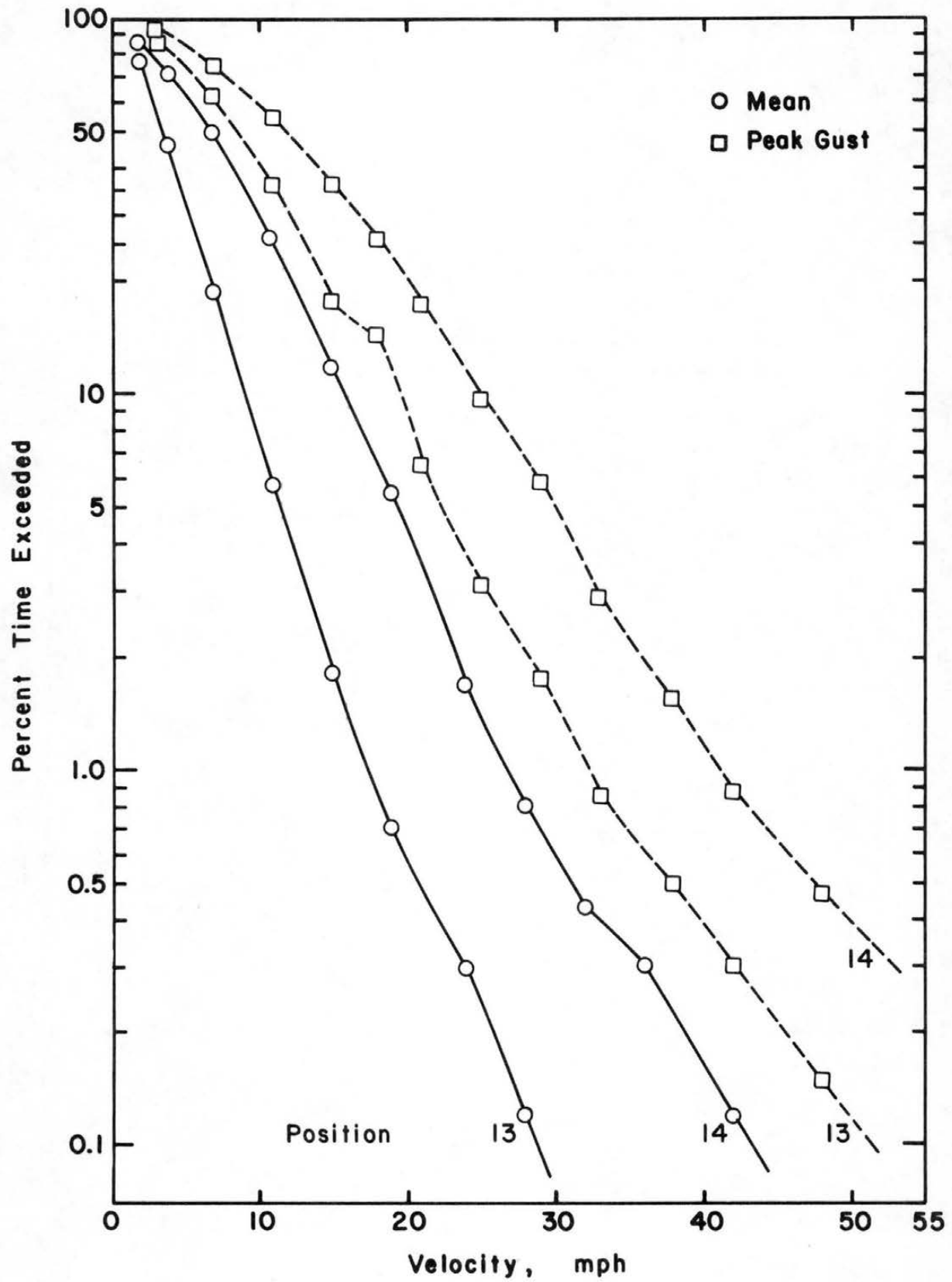


Figure 18. Wind Velocity Probabilities for Positions 13 and 14

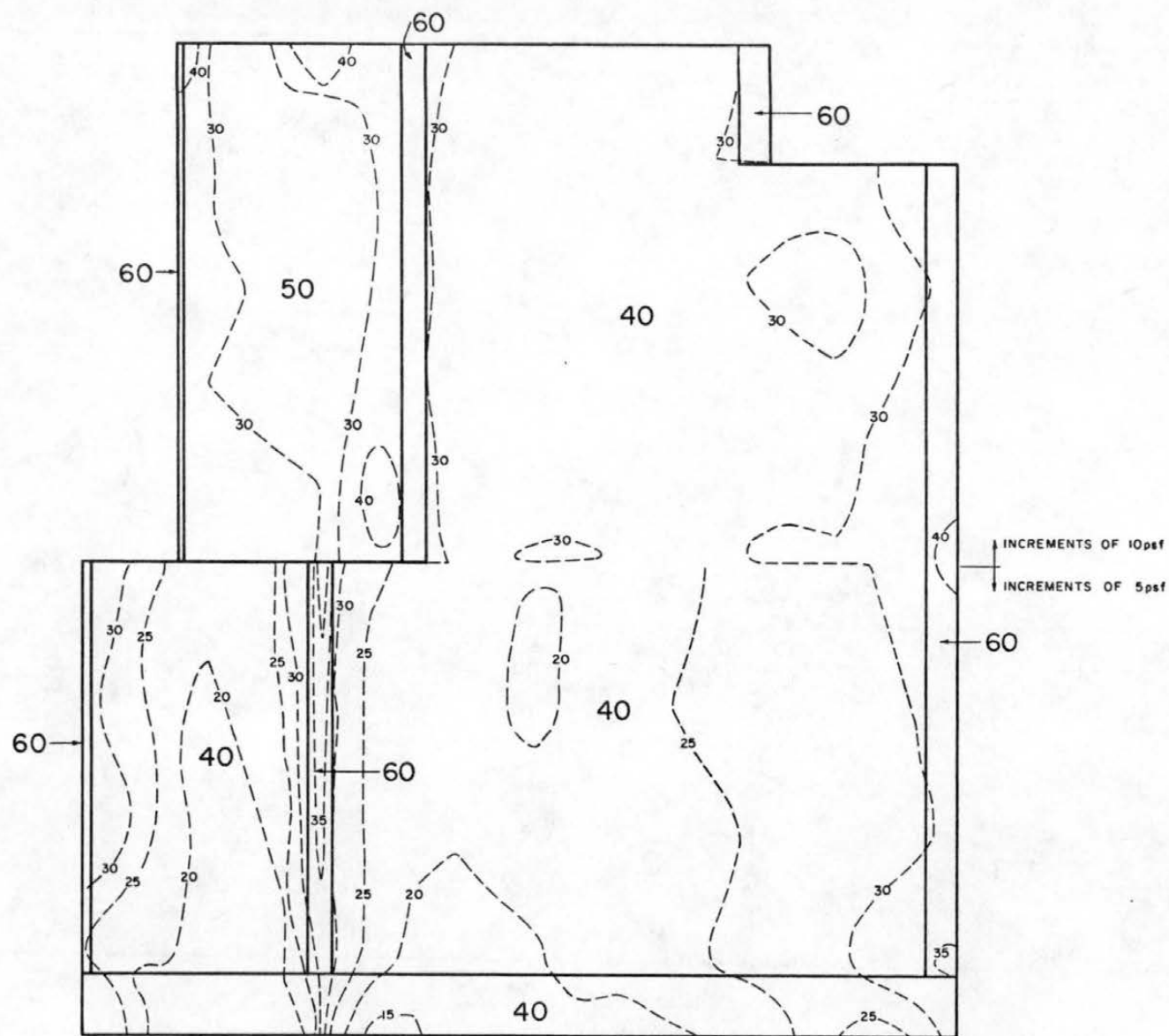


Figure 19a. Peak-Pressure Contours on the Building

POST OAK CENTRAL II
Zone Pressure Class
All Values are Negative
(pounds/S.F.)

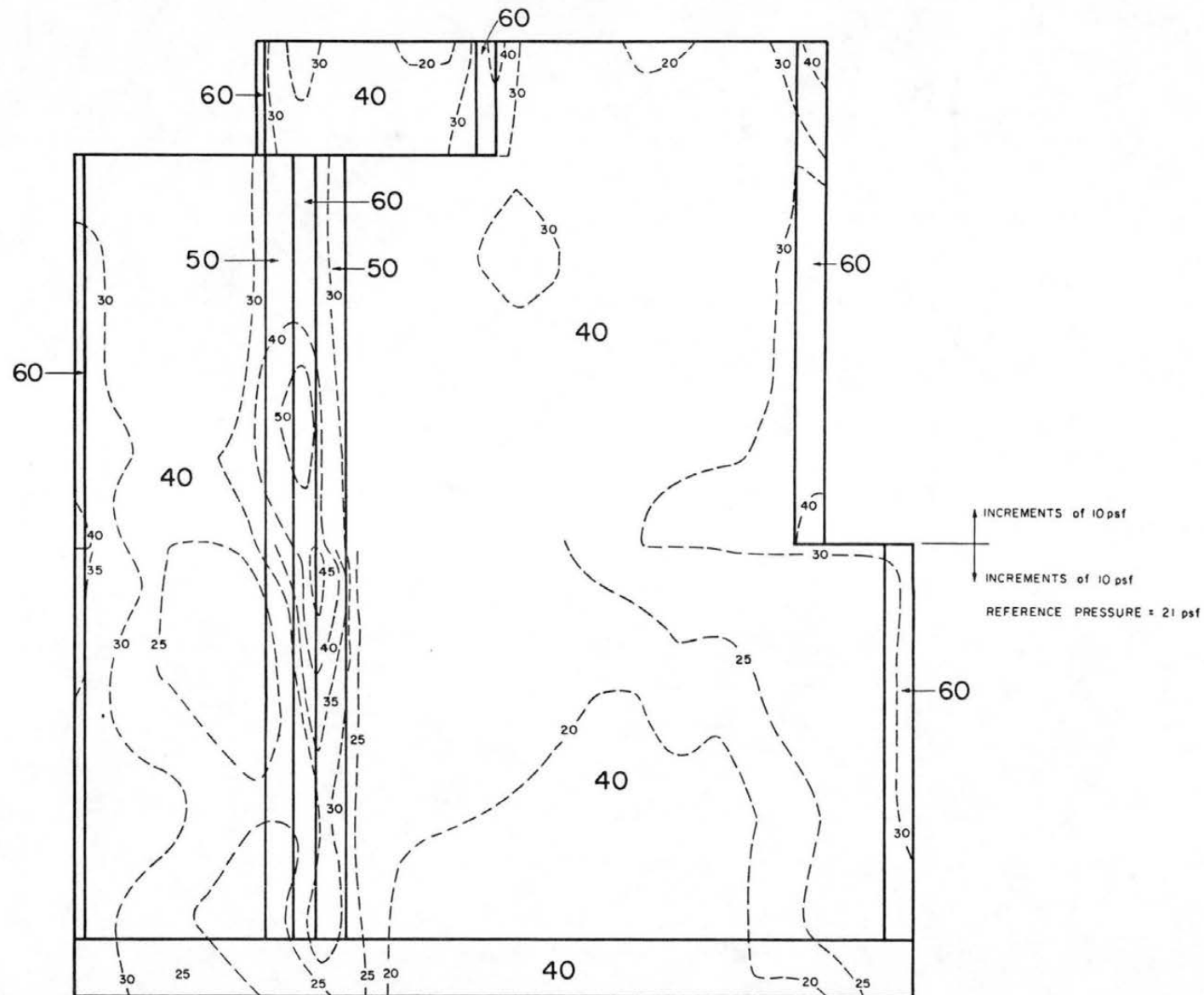
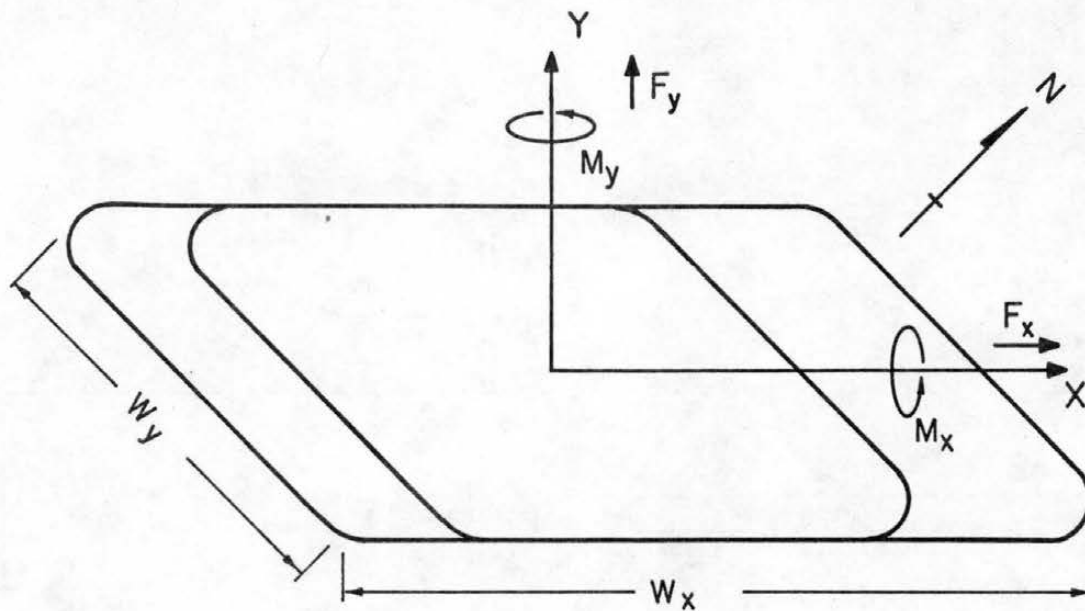


Figure 19b. Peak-Pressure Contours on the Building



$$CF_x = \frac{F_x}{W_y H_z 0.5 \rho U_{inf}^2}$$

$$CF_y = \frac{F_y}{W_x H_z 0.5 \rho U_{inf}^2}$$

$$CM_x = \frac{M_x}{H_z H_z W_x 0.5 \rho U_{inf}^2}$$

$$CM_y = \frac{M_y}{H_z H_z W_y 0.5 \rho U_{inf}^2}$$

$$W_x = 208 \text{ feet (13.0 in. model)}$$

$$W_y = 112 \text{ feet (7.0 in. model)}$$

$$H_z = 320 \text{ feet (20.1 in. model)}$$

Figure 20. Coordinate Systems and Equations for Forces and Moments
 Note: Calculated Coefficients for 24 Wind Directions
 are Shown in Table 7.

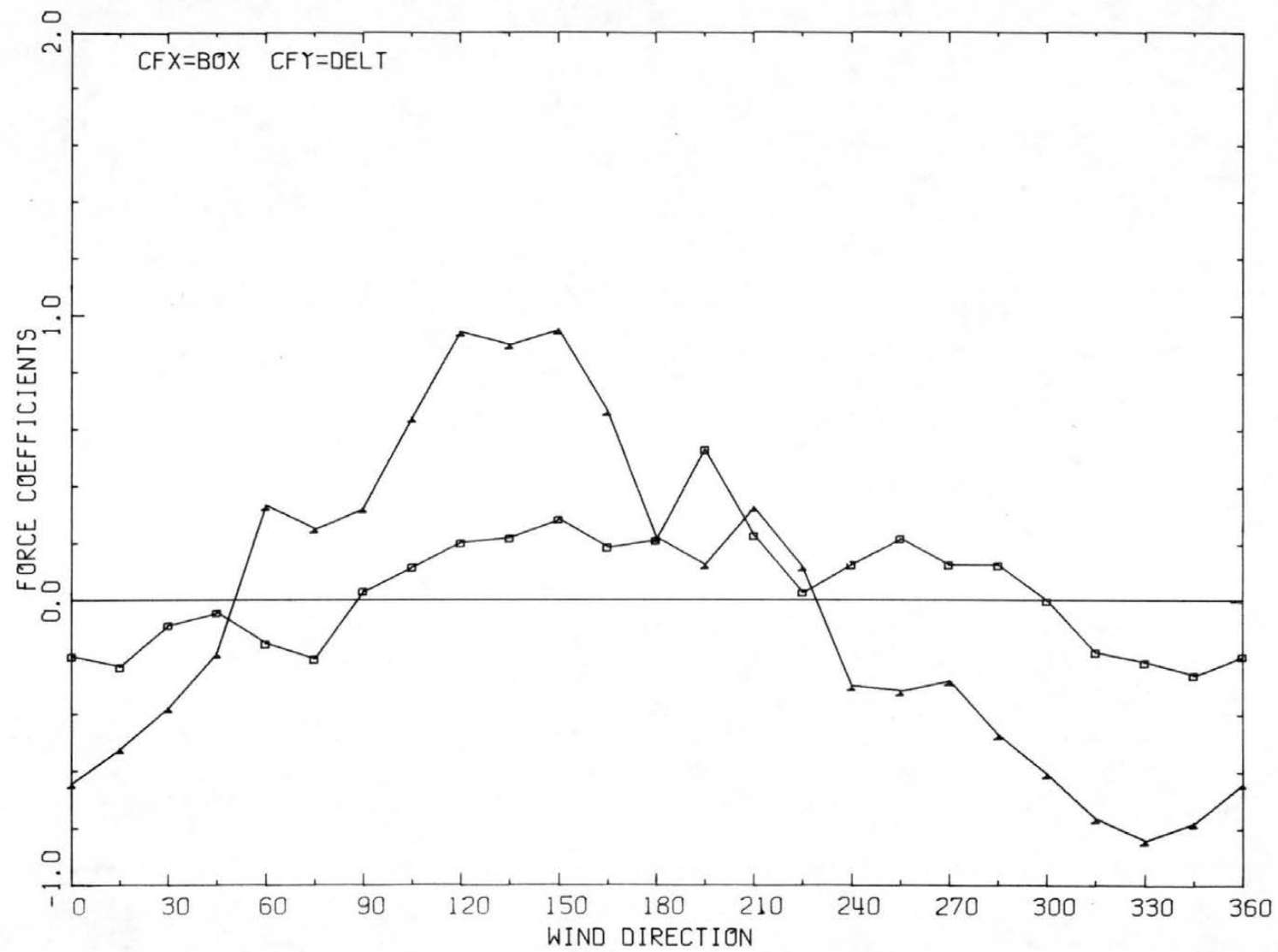


FIGURE 22. MOMENT COEFFICIENTS FOR THE STRUCTURE

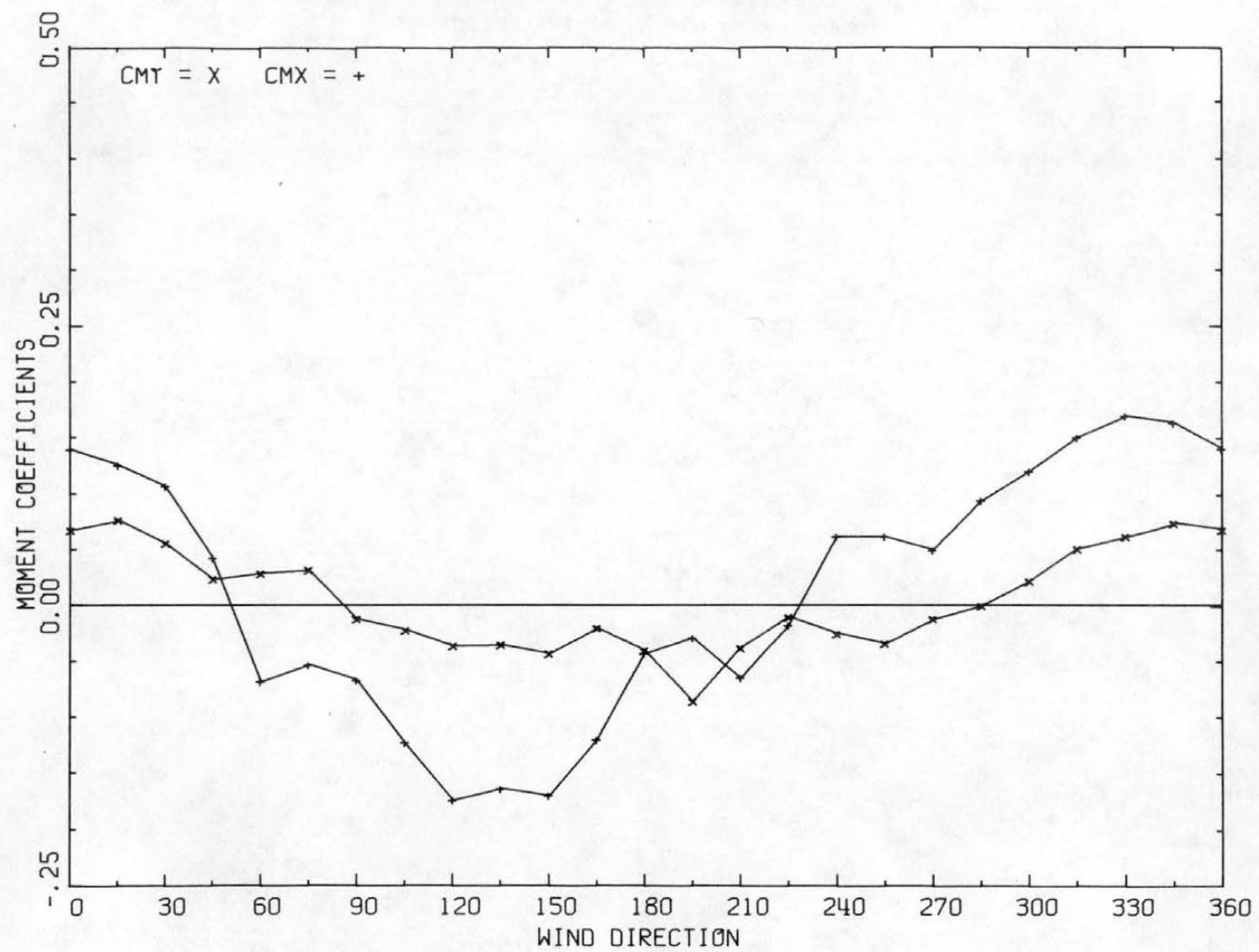


FIGURE 21. FORCE COEFFICIENTS FOR THE STRUCTURE