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WIND ENGINEERING STUDY OF
ONE HOUSTON CENTER, HOUSTON

by

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

for

Walter P. Moore and Associates, Inc.
2905 Sackett Street
Houston, Texas 77006

Fluid Mechanics and Wind Engineering Program
Fluid Dynamics and Diffusion Laboratory
Department of Civil Engineering
Colorado State University
Fort Collins, Colorado 80523
May 1976

*Associate Professor

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



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LIST OF SYMBOLS

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

LIST OF SYMBOLS (con't)

<u>Symbol</u>	<u>Definition</u>
$()_{\min}$	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

1. INTRODUCTION

1.1 General

A significant characteristic of modern building design is lighter cladding and more flexible frames. These features produce an increased vulnerability of glass lights and cladding to wind damage and larger total building deflection. In addition, increased use of pedestrian plazas has brought about a need to consider 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 environment about the building. Knowledge of pressures on the structure permits adequate but economical selection of window strength to meet selected maximum design winds and overall wind loads for design of frame for flexural control. 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 scaled in geometry, 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 the model scale factor times the prototype wind. However, for sufficiently high Reynolds number ($>2 \times 10^4$) a pressure coefficient at any location on the structure will be essentially constant with Reynolds number. Typical values encountered are 10^8 for the full-scale and 10^6 for the wind tunnel model. Thus acceptable flow similarity is achieved without precise Reynolds number equality.

1.2 The One Houston Center Building

A wind engineering study was performed for the proposed One Houston Center building in Houston, Texas. The 686 ft high building was modeled (Figure 4) at a 1:300 scale. The objectives of the wind engineering study were to obtain mean and fluctuating pressures on the building, integrated 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 panel loading or pedestrian discomfort.

The One Houston Center building will be located in downtown Houston, Texas, between Walker and McKinney streets and San Jacinto and Caroline streets (Figure 1). The area surrounding the proposed location is generally flat and has numerous buildings of comparable height. Two Houston Center, a building approximately 600 ft high, is on the adjacent block to the northwest. Some wind approach directions are densely covered with buildings while others have relatively few structures. Four

immediately adjacent blocks with low structures are scheduled for future development with structures comparable in size to the One Houston Center.

2. 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 62 feet long fed through a 4-to-1 contraction ratio. The roof is adjustable 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 1:300 scale model of the One Houston Center building was constructed from 1/2 in. Lucite plastic. Because of late changes in configuration after the model was installed in the wind tunnel, the drive-through opening at the base of the building was on the McKinney street side of the building during pressure measurements rather than on the Walker street side in the final configuration. It was not felt that this change would result in significant changes in the results. The model was oriented properly as shown in Figure 1 (where point 2 is located within the ground-level, drive-through region under the building) for velocity measurements.

Piezometer taps (1/16 in. dia) were drilled normal to the exterior surface at 228 locations on the building. The location of the taps on the structure is shown in Figures 3a to 3d. Dimensions and elevations are given both in full scale feet and model inches.

An area of 1,450 ft radius surrounding the building site was modeled in detail. Structures within the modeled region were made from styro-foam cut to the individual building geometries. The buildings on the four blocks defined by dashed lines in Figure 1 were removable and the buildings shown in dashed lines could be inserted in their place. The original buildings were designated Configuration 1, the new larger buildings were designated Configuration 2. Pressures and velocity were obtained for many wind directions for both configurations. The One Houston Center building was mounted on a 63 in. diameter turntable centered 55 ft from the test-section entrance. The turntable indicated azimuthal orientation to ± 0.1 degree.

The region upstream from the modeled area was covered with a randomized roughness constructed from 1 in. cubes. Spires at the test section entrance provided a thicker boundary layer than would otherwise be available. The distribution of 1 in. roughness 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 complete 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.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Visualization of the flow in the vicinity of the model is helpful in understanding and interpreting mean and fluctuating pressures, in defining zones of separated flow and reattachment where pressure coefficients may be expected to be high, and in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke was released from sources on and near the model and motion picture records made. 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 228 pressure ports on the wind tunnel model. Data was obtained for 24 wind directions (15 degree intervals) for the Configuration 1 adjacent structures and at 16 wind directions (60 through 285 degrees in azimuth at 15 degree intervals) for the Configuration 2 structures. An 18 in. length of 1/16 in. I.D. plastic tubing connected 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 operating 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 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 a means of automatically monitoring the tunnel speed using this valve position.

The pressure transducers used were Statham differential strain-gage transducers (Model PM283TC) with a 0.15 psid range. They were selected for the stability and linearity in the working range required. The resonant frequency of the transducers was approximately 2,000 Hz so that resonance effects could be ignored. A reference pressure was obtained by connecting the reference side of the transducer with plastic tubing to the static side of a pitot tube mounted in the wind tunnel free stream above the model building. In this way the transducer measured the instantaneous difference between the local surface pressure and the static pressure in the free stream above the model.

Each pressure transducer 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 pressures and to determine overall accuracy of the pressure data acquisition system is shown in Figure 5. A typical pressure port record was integrated for a number of time periods to obtain the data shown. Examination of a large

number of pressure taps showed that the overall accuracy for a 16 second average 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 building location with the model removed but with the surrounding buildings in place. In addition, mean velocity and turbulence intensity measurements were made 0.3 in. (7.5 ft prototype) above the surface at 10 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. Velocity and turbulence profiles were measured above the top of the structure to determine the velocities acting on the proposed antenna.

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 a 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 recover 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 easy determination of the actual magnitude of rms velocity fluctuations at a point for various approach velocities.

4. RESULTS

4.1 Flow Visualization

A 650 ft, 18 minute film is included as part of the 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 One Houston Center 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 reverse in wind direction at street level and a more turbulent environment was observed. These effects were generally smaller than for other buildings of comparable height. For some wind directions, fairly strong velocities along San Jacinto street underneath the crossover were observed. At times, the wind near the four corners of the structure at ground level appeared fairly strong although not unusually gusty. The elevated plaza area where measurement locations 9 and 10 are located showed generally low but occasionally gusty conditions depending on wind direction. A steady vortex flow in that region was observed for wind direction 270. In general, the area of the plaza back toward the protecting walls showed a much calmer environment than the exposed outer corner of the plaza.

4.2 Velocity

Approach velocity 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. The boundary-layer thickness, δ , was 44 in. corresponding to a prototype value of 1,100 ft. This is

a reasonable value for Houston. In the form

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

the velocity profile has an exponent n of 0.24 for the approach flow which is an acceptable value for city environments such as Houston with moderate building heights. The velocity profiles measured at the building site with the model removed for wind azimuths 105° and 285° are shown in Figure 6a with the upstream profile. These profiles illustrate the effect of the surrounding buildings, particularly Houston Center II located on an adjacent block on the velocity at the building site. The upstream approach for wind azimuth 285° contains numerous large buildings while the approach for wind azimuth 225° contains fewer and lower buildings. However, most changes in the profiles reflect the presence of Houston Center II. The Configuration 2 buildings were not included for these profiles. The upstream profile plotted in Figure 6b is shown in semilogarithmic form. The effective roughness height Y_0 indicated by the zero velocity intercept of the best fit line is 8.8 ft, which is somewhat larger than might be anticipated for the site but still reasonable.

Profiles of longitudinal turbulence intensity are shown in Figure 7 for both the upstream and model removed conditions. Modifications to the profiles due to structures located nearby are evident. 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 the pedestrian locations 1-10 shown in Figure 1 for 24 wind directions are listed in Table 2 and are plotted in Figures 8-17. Measurements were taken 0.3 in. (7.5 ft prototype) above the surface. A site map is superimposed on the polar plots to aid in visualization of the effects of nearby structures on the results. The largest mean velocities were recorded at measurement locations 1 and 7 for wind azimuths of 225° and 180° respectively. The velocities were 85 and 82 percent of the reference velocity U_∞ at this point. The physical situation corresponds to southerly or southwesterly winds where a large velocity was observed during smoke tests along San Jacinto street under the bridge structure. These velocities decreased significantly with the addition of the Configuration 2 buildings. The largest value of fluctuating velocity (U_{rms}/U_∞) was 32 percent for measurement location 9 at wind azimuth 120° . The mean velocity associated with this condition was 68 percent indicating an uncomfortable environment for moderately strong winds from this direction. Conditions improve rapidly with changing wind direction and with position in the plaza (see data for position 10) and some improvement was noted with the incorporation of the Configuration 2 buildings. The highest "gustiness" value (U_{rms}/U) was 68 percent found at point 4 for a wind azimuth of 210° . Large values of gustiness must be interpreted in terms of the magnitude of mean velocity since a low local wind velocity can lead to large values as effectively as large rms velocities. At measurement location 4, the low mean velocity indicates a problem probably does not exist. At locations 1, 7 and 9 discussed above, pedestrian reaction to

strong winds from the sensitive directions could be determined before remedial action such as wind screens is considered.

Velocity measurements were made above the structure to aid antenna design. Mean velocity and turbulence intensity at 8 elevations above the building top (heights for the data refer to height above the penthouse enclosure top 686 ft above ground level) are given in Table 3 at each of 24 wind directions for Configuration 1 and 16 wind directions for Configuration 2. Plots of both mean velocity and turbulence profiles are shown in Figure 18. The data are reasonably well grouped and are not greatly affected by wind direction. Data were obtained at the proposed antenna site and another position on the building top to determine sensitivity to site location. The profiles at the alternate site were essentially unchanged. The region close to the top of the building where mean velocities were small and turbulence intensities were large is the separated flow region in which the flow recirculates and the actual mean velocity may be small and opposite in direction to the velocity at higher elevations. From analysis to be presented in section 4.3, appropriate wind gust velocities for use as U_{∞} in Table 3 for the given gust periods are consistent with a 50 yr recurrence wind:

<u>Duration Time</u>	<u>U_{∞}</u>
10 sec	150 mph
20 sec	143 mph
30 sec	139 mph

4.3 Pressures

For each of the pressure ports examined (9,120 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. It represents the mean of the instantaneous pressure difference between building pressure port and 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

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

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 with the free-stream 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 number in the Appendix is given in Figure 3. In addition, the Appendix 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 was searched to obtain, at each pressure tap, the largest positive and negative mean values and the largest positive and negative peak values. Tables 4 and 5 provide these pressure coefficients and associated wind directions for Configurations 1 and 2 respectively. Note the Configuration 2 data are restricted to the range 60 to 285 degrees for which data was obtained. The largest positive peak values on the structure were between 1.0 and 1.27 and were distributed about the building. The largest peak negative pressure coefficients for Configuration 1 were -4.02, -3.23, and -3.00 for tap locations 210, 435, and 406, respectively. Several other peak coefficients were in the range -2.5 to -3.0 in magnitude. The largest peak negative values for Configuration 2 were -4.07, -3.80, -3.49, -3.26, -3.21, and -3.11 for taps 157, 158, 301, 432, 406, and 207. It is evident that the inclusion of the Configuration 2 buildings has caused increased local pressures at some locations on the structure.

The pressure coefficients of Tables 4 and 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 interval was obtained for Houston from the proposed American National Standards Institute Standard A58.1[4]. The wind magnitude for a 100 year return period in Houston is 88 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 68.8 mph was then translated to a prototype elevation equivalent to the height of the reference wind tunnel measurement (1,100 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 100 year recurrence winds in the ANSI standard are appropriate. The mean velocity at 1,100 ft was calculated as 122 mph. The appropriate reference pressure based on this velocity is given by $0.00256 U^2 = 38.3$ 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 100 year recurrence reference pressure is 28 psf. For a 50 year recurrence wind, the same analysis yields 21 psf. Tables 6 and 7 give psf loadings on the full-scale structure for Configurations 1 and 2 which result from multiplication of the 28 psf reference pressure by the peak coefficients of Tables 4 and 5.

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 Tables 6 and 7.

4.4 Forces and Moments

Total horizontal forces and moments about the base were computed for the entire structure for each of the 24 wind directions for which pressure measurements were obtained. These forces and moments will permit design of structural framing for drift control.

The forces and moments were computed by converting the measured mean pressure coefficient at each pressure tap to a full-scale pressure using a 39 psf reference pressure. This reference pressure includes a gust factor added to a 50 year recurrence wind to account for the short term winds to which the building can respond. The resulting pressures were integrated to obtain total forces and moments on the structure. The mean pressures provide a reasonable estimate of static loading. No attempt was made to predict dynamic loading or dynamic structural response.

The forces and moments in kips and ft-kips acting on each building face are given in Table 8 for each wind direction. The coordinate system for the force and moment application has its origin at the center of the structure at ground level as shown in Figure 20. For side 4 where the bridge structure intersects the structure, a zero pressure was applied over that portion of the face which was interior to some external wall.

The total forces and moments acting over the entire Houston Center One structure for each wind direction are given in Table 9. The coordinate system for application of these loads has origin at ground level as shown in Figure 20. The signs on the moments were determined by application of the right-hand rule. Two forces and two moments for Configuration 1 are plotted against approach wind azimuth in Figure 21. The effect of the adjacent Two Houston Center building is evident, particularly for $F(Y)$ for westerly and southwesterly winds.

5. CONCLUSIONS

A simulated atmospheric boundary-layer flow over a model of the One Houston Center building was established whose characteristics compared favorably with the expected flow over the Houston area. Flow visualization showed several areas of possible pedestrian discomfort. However, these areas probably do not require remedial action before pedestrian reaction is obtained.

Pressure measurements on the structure showed areas, principally near corners of the structure, where large negative pressures were evident. The largest peak pressures were negative (outward acting) and ranged up to -4.0 times the reference dynamic pressure. Most locations, however, had peak pressures less than -2.0 times the dynamic pressure.

Mean forces and moments acting on the structure were computed for each side individually and for the entire structure. The influence of adjacent structures was significant in lowering overall wind forces and moments on the structure for some wind directions.

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TABLE 1
MOTION PICTURE SCENE GUIDE

<u>Scene</u>	<u>Wind Azimuth</u>	<u>Configuration</u>
0		Titles
1	000	1
2	000	2
3	045	1
4	045	2
5	090	1
6	090	2
7	135	1
8	135	2
9	180	1
10	180	2
11	225	1
12	225	2
13	270	1
14	270	2
15	315	1
16	315	2

Model wind velocity 10 fps

Movie length 650 ft

Running time (24 fr./sec) 18 mm

Table 2-1. Mean and Fluctuating Velocities Around the Base of the Building.
CONFIGURATION 1 WIND MEASUREMENT LOCATION 1

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	25.5	8.8	34.7
15	31.1	10.4	33.4
30	29.3	10.0	34.1
45	35.9	8.8	24.6
60	33.3	9.0	27.0
75	34.7	11.5	33.1
90	47.2	9.0	19.1
105	55.5	8.7	15.6
120	47.1	9.9	21.1
135	21.8	10.0	45.9
150	25.7	10.6	41.4
165	36.9	13.2	35.7
180	61.7	20.3	32.9
195	64.1	23.0	35.9
210	70.8	18.2	25.7
225	84.7	13.7	16.2
240	81.4	11.8	14.5
255	69.3	12.5	18.0
270	35.0	9.3	26.5
285	26.9	7.4	27.7
300	27.9	10.4	37.1
315	19.2	7.3	38.0
330	19.3	7.8	40.4
345	28.0	8.5	30.2

CONFIGURATION 2 WIND MEASUREMENT LOCATION 1

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	26.3	8.8	33.3
15	28.2	9.2	32.5
30	31.8	9.8	30.9
45	34.4	9.0	26.1
60	35.1	11.0	31.2
75	45.3	10.7	23.7
90	50.3	9.6	19.1
105	46.1	10.3	22.3
120	42.2	9.3	22.0
135	35.1	12.0	34.2
150	19.8	11.2	56.4
165	24.8	11.5	46.6
180	36.7	15.9	43.3
195	53.1	19.2	36.1
210	47.9	17.3	36.2
225	54.7	21.7	39.6
240	62.8	14.4	22.9
255	60.2	10.8	18.0
270	51.9	8.7	16.8
285	35.0	9.7	27.8
300	31.5	12.4	39.5
315	17.8	7.0	39.0
330	16.0	7.3	45.9
345	24.5	7.4	30.4

CONFIGURATION 1 WIND MEASUREMENT LOCATION 2

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	59.5	9.8	16.5
15	63.9	9.9	15.5
30	64.9	10.1	15.6
45	67.4	11.3	16.7
60	48.6	13.6	28.1
75	37.5	10.5	28.0
90	24.1	10.7	44.7
105	31.2	11.0	35.4
120	32.6	15.6	47.9
135	36.3	18.6	51.2
150	28.2	12.0	42.6
165	26.4	10.6	40.2
180	24.5	10.7	43.6
195	27.0	14.5	53.7
210	24.5	12.9	52.7
225	10.7	6.3	58.7
240	13.1	7.0	52.9
255	19.0	9.2	48.5
270	17.3	8.6	49.5
285	19.5	8.6	44.2
300	18.1	7.9	43.6
315	23.4	5.7	24.6
330	35.4	5.9	16.6
345	45.4	6.5	14.3

CONFIGURATION 2 WIND MEASUREMENT LOCATION 2

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	61.6	8.5	13.8
15	72.6	10.4	14.3
30	62.0	10.0	16.1
45	68.5	11.8	17.2
60	43.6	12.0	27.5
75	24.1	12.1	50.3
90	19.1	10.6	55.4
105	27.6	11.7	42.5
120	29.5	14.4	48.8
135	31.2	15.4	49.5
150	31.5	14.9	47.1
165	28.8	12.3	42.5
180	24.4	10.4	42.8
195	19.7	10.1	51.0
210	21.9	13.0	59.2
225	27.3	14.0	51.1
240	29.2	17.4	59.4
255	24.0	12.6	52.5
270	19.6	10.8	55.2
285	15.9	7.8	49.4
300	16.7	7.4	44.1
315	31.5	6.3	20.0
330	31.0	5.6	18.0
345	42.4	6.1	14.4

Table 2-2. Mean and Fluctuating Velocities Around the Base of the Building.
CONFIGURATION 1 WIND MEASUREMENT LOCATION 3

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	63.4	8.4	13.2
15	71.6	9.1	12.7
30	67.4	9.8	14.6
45	71.5	9.4	13.1
60	59.7	8.6	14.4
75	41.9	11.3	26.9
90	26.9	11.5	42.6
105	27.4	8.6	31.3
120	33.8	9.3	27.5
135	43.7	9.3	21.2
150	61.9	8.3	13.5
165	60.0	7.2	12.1
180	67.5	14.3	21.3
195	65.2	26.1	40.0
210	47.3	28.9	61.1
225	37.8	24.7	65.2
240	20.2	12.1	59.9
255	21.7	10.8	50.0
270	24.9	13.7	54.9
285	23.6	11.3	48.0
300	35.8	9.9	27.8
315	29.7	7.3	24.7
330	39.7	6.9	17.4
345	51.9	9.0	17.3

CONFIGURATION 2 WIND MEASUREMENT LOCATION 3

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	62.2	8.8	14.2
15	73.1	9.3	12.7
30	68.0	9.4	13.9
45	71.8	8.8	12.3
60	54.0	11.0	20.3
75	26.1	12.7	48.7
90	23.1	12.6	54.3
105	29.2	13.0	44.5
120	35.8	12.6	35.0
135	40.5	12.9	31.9
150	47.5	18.4	38.7
165	66.8	19.1	28.6
180	76.8	15.1	19.6
195	57.5	19.9	34.5
210	34.7	16.6	47.7
225	40.1	24.9	62.1
240	61.6	25.5	41.3
255	42.1	21.6	51.4
270	26.3	14.2	53.7
285	18.1	9.6	52.7
300	32.7	10.6	32.4
315	22.9	8.4	36.7
330	34.6	7.0	20.4
345	48.5	8.5	17.5

CONFIGURATION 1 WIND MEASUREMENT LOCATION 4

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	13.4	8.7	65.1
15	14.0	8.7	62.4
30	19.6	12.1	61.7
45	27.0	14.0	51.7
60	27.5	12.8	46.5
75	44.7	11.8	26.3
90	59.0	8.4	14.2
105	53.8	7.5	14.0
120	45.6	7.6	16.6
135	34.7	9.0	25.8
150	15.2	7.9	52.1
180	19.7	11.5	58.4
195	21.2	13.9	65.8
210	14.2	9.7	68.3
225	8.8	5.7	64.5
240	9.0	4.3	47.7
255	8.1	3.9	47.9
270	14.4	9.2	64.3
285	10.4	5.4	52.4
300	10.8	5.7	52.9
315	16.2	8.6	52.9
330	17.8	9.4	52.9
345	21.2	11.3	53.3

CONFIGURATION 2 WIND MEASUREMENT LOCATION 4

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	34.7	19.7	56.9
15	33.0	16.5	50.1
30	27.0	12.9	47.9
45	26.9	12.7	47.4
60	45.2	13.8	30.5
75	57.1	11.5	20.1
90	64.4	10.4	16.1
105	61.6	12.0	19.6
120	52.1	11.0	21.1
135	37.7	15.4	40.9
150	39.9	18.0	45.0
180	54.1	14.2	26.3
195	26.8	16.6	61.9
210	17.1	9.5	55.4
225	17.6	11.9	67.2
240	22.5	15.0	66.5
255	15.7	9.7	62.1
270	16.6	10.9	65.5
285	12.3	6.9	56.1
300	6.2	2.9	46.5
315	7.2	3.5	48.1
330	21.4	11.3	53.1
345	34.4	16.5	47.9

Table 2-3. Mean and Fluctuating Velocities Around the Base of the Building.
CONFIGURATION 1 WIND MEASUREMENT LOCATION 5

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	24.9	10.0	40.0
15	33.4	13.3	39.7
30	42.0	25.0	59.7
45	65.2	25.9	39.7
60	51.5	16.0	31.0
75	58.6	12.0	20.5
90	68.8	10.9	15.8
105	61.1	11.2	18.3
120	60.1	12.4	20.6
135	41.6	12.8	30.8
150	22.2	11.2	50.5
165	15.8	8.3	52.9
180	41.2	15.1	36.7
195	58.2	15.1	26.0
210	64.0	14.5	22.7
225	67.0	16.1	24.1
240	62.8	15.1	24.1
255	51.7	16.0	30.9
270	34.1	11.8	34.5
285	32.5	11.8	36.3
300	29.2	10.4	35.5
315	33.8	10.5	31.0
330	32.6	11.1	34.1
345	33.0	12.4	37.4

CONFIGURATION 2 WIND MEASUREMENT LOCATION 5

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	36.0	19.6	54.4
15	59.6	26.5	44.4
30	42.8	21.9	51.2
45	47.9	21.5	44.9
60	47.4	13.8	29.1
75	51.2	16.2	31.7
90	54.2	18.7	34.5
105	52.8	16.5	31.3
120	49.4	14.2	28.7
135	46.2	12.4	26.8
150	56.3	11.6	20.6
165	58.7	13.2	22.5
180	53.6	13.8	25.7
195	37.4	15.2	40.8
210	71.5	15.5	21.6
225	44.0	19.3	43.8
240	40.6	17.9	44.3
255	23.8	12.4	52.1
270	21.4	10.7	50.2
285	39.5	12.3	31.2
300	24.9	10.5	42.4
315	29.7	10.1	34.0
330	35.0	12.1	34.6
345	22.3	11.5	51.4

CONFIGURATION 1 WIND MEASUREMENT LOCATION 6

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	11.6	5.9	50.3
15	15.0	7.7	51.4
30	18.7	10.0	53.7
45	14.2	7.9	55.7
60	9.7	4.3	44.5
75	8.7	4.5	51.5
90	8.1	3.8	46.3
105	15.0	8.7	58.3
120	30.3	17.4	57.3
135	40.1	18.6	46.3
150	32.1	10.5	32.6
165	19.8	6.9	34.9
180	17.9	8.1	45.3
195	16.9	7.7	45.4
210	19.0	8.2	43.4
225	17.7	7.8	44.1
240	26.6	10.2	38.4
255	22.5	9.1	40.5
270	16.5	7.1	43.1
285	18.9	8.1	42.7
300	18.4	8.8	48.0
315	24.0	9.8	41.0
330	16.7	8.1	48.4
345	13.8	7.1	51.6

CONFIGURATION 2 WIND MEASUREMENT LOCATION 6

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	22.6	10.9	48.3
15	22.4	11.4	51.0
30	26.6	14.1	53.2
45	20.1	11.1	55.1
60	15.6	7.5	47.9
75	20.3	12.6	62.3
90	28.8	18.1	62.8
105	36.0	18.9	52.4
120	32.8	17.8	54.3
135	23.4	13.0	55.6
150	47.0	11.3	24.0
165	51.4	10.8	21.0
180	48.5	13.1	27.0
195	31.4	15.1	48.0
210	22.3	10.2	45.9
225	25.4	10.8	42.4
240	27.5	10.8	39.4
255	32.9	11.3	34.3
270	41.2	12.9	31.3
285	27.7	9.2	33.3
300	24.4	8.3	34.0
315	23.5	8.8	37.3
330	23.6	9.6	40.8
345	18.7	9.1	48.9

Table 2-4. Mean and Fluctuating Velocities Around the Base of the Building.
CONFIGURATION 1 WIND MEASUREMENT LOCATION 7

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	57.9	13.9	24.1
15	63.8	18.1	28.4
30	59.3	16.9	28.4
45	55.6	17.7	31.8
60	56.9	16.6	29.2
75	47.4	18.0	38.0
90	28.7	14.0	48.9
105	18.5	9.2	49.9
120	17.7	8.9	50.1
135	12.8	7.5	58.4
150	12.5	7.2	57.3
165	28.9	15.8	54.7
180	81.7	16.2	19.9
195	36.5	10.5	28.7
210	38.5	22.2	57.5
225	51.1	23.1	45.1
240	41.1	19.3	46.9
255	30.4	15.1	49.7
270	22.8	9.4	41.5
285	18.3	9.5	51.9
300	18.0	8.1	45.2
315	13.2	6.7	50.7
330	39.6	7.8	19.7
345	47.5	9.9	20.9

CONFIGURATION 2 WIND MEASUREMENT LOCATION 7

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	57.0	14.5	25.5
15	52.7	17.1	32.5
30	49.4	17.7	35.8
45	54.4	17.4	32.0
60	52.6	18.0	34.3
75	41.2	16.2	39.3
90	23.1	12.3	53.5
105	13.3	6.9	51.5
120	12.6	6.6	52.5
135	10.5	5.5	52.3
150	11.9	5.7	47.9
165	13.3	7.2	54.2
180	32.1	16.3	50.8
195	52.8	18.0	34.2
210	39.5	20.5	51.9
225	46.1	15.8	34.7
240	35.4	13.2	37.2
255	41.1	15.1	36.7
270	45.3	13.1	28.8
285	32.8	10.3	31.4
300	24.9	8.2	33.0
315	23.3	9.2	39.5
330	18.9	8.3	44.0
345	42.9	9.9	23.0

CONFIGURATION 1 WIND MEASUREMENT LOCATION 8

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	16.4	9.4	57.5
15	14.8	7.9	53.4
30	24.5	12.3	50.2
45	20.6	10.7	51.8
60	18.4	8.1	43.9
75	19.1	9.4	49.4
90	16.1	8.4	52.4
105	28.8	17.1	59.3
120	57.3	24.2	42.2
135	46.8	12.2	26.1
150	33.1	8.6	26.0
165	25.0	8.3	33.3
180	24.3	10.3	42.2
195	29.5	14.4	49.0
210	29.2	14.1	48.4
225	30.2	16.7	55.2
240	30.5	15.1	49.6
255	40.2	17.1	42.5
270	22.0	11.0	50.2
285	18.3	9.4	51.4
300	35.9	11.6	32.4
315	39.6	11.8	29.9
330	33.5	9.7	29.0
345	25.7	13.8	53.8

CONFIGURATION 2 WIND MEASUREMENT LOCATION 8

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	34.7	16.0	46.2
15	39.8	16.8	42.3
30	37.8	16.7	44.2
45	36.0	17.9	49.6
60	32.0	13.4	42.0
75	32.3	16.9	52.3
90	35.0	22.2	63.3
105	48.5	27.5	56.8
120	45.1	20.4	45.2
135	33.5	13.6	40.7
150	44.6	14.2	31.9
165	47.5	14.5	30.5
180	38.3	13.1	34.2
195	37.3	13.7	36.8
210	46.4	17.2	37.1
225	30.6	14.2	46.3
240	27.8	12.5	45.1
255	34.3	14.6	42.7
270	51.5	12.9	25.1
285	45.4	10.8	23.7
300	36.9	11.8	32.0
315	29.3	13.2	44.9
330	42.1	12.9	30.8
345	31.3	13.4	42.9

Table 2-5. Mean and Fluctuating Velocities Around the Base of the Building.
CONFIGURATION 1 WIND MEASUREMENT LOCATION 9

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	28.5	15.0	52.7
15	27.0	14.7	54.5
30	29.5	16.6	56.0
45	29.1	16.7	57.4
60	19.1	9.6	50.2
75	27.6	13.3	48.3
90	37.9	15.0	39.4
105	32.8	16.4	50.1
120	67.8	31.7	46.7
135	55.4	22.9	41.2
150	57.1	15.7	27.4
165	33.6	10.5	31.2
180	23.1	10.2	43.9
195	19.4	9.6	49.7
210	19.3	9.1	47.3
225	24.0	12.7	53.0
240	51.6	20.5	39.8
255	51.9	21.9	42.2
270	31.1	17.0	54.9
285	51.7	13.0	25.2
300	41.1	15.5	37.7
315	30.9	15.3	49.6
330	44.3	20.3	45.8
345	34.3	18.1	52.9

CONFIGURATION 2 WIND MEASUREMENT LOCATION 9

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	26.9	13.7	51.0
15	35.2	19.0	53.9
30	42.7	23.7	55.4
45	47.5	25.7	54.0
60	34.3	19.0	55.4
75	32.7	19.1	58.4
90	35.5	20.4	57.4
105	48.0	27.2	56.6
120	52.2	27.4	52.6
135	55.1	21.9	39.8
150	62.2	23.0	36.9
165	53.1	14.9	28.0
180	56.8	14.2	25.0
195	50.0	19.3	38.6
210	46.3	23.7	51.1
225	67.3	18.7	27.8
240	52.3	16.8	32.1
255	65.4	20.4	31.2
270	25.6	11.9	46.7
285	53.8	12.2	22.7
300	50.3	11.6	23.1
315	37.1	13.8	37.2
330	62.5	16.2	25.9
345	28.5	15.6	54.9

CONFIGURATION 1 WIND MEASUREMENT LOCATION 10

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	13.2	6.1	46.4
15	17.9	7.4	41.5
30	20.8	10.3	49.6
45	23.1	11.6	50.1
60	16.0	6.3	39.6
75	17.5	8.1	46.1
90	25.7	14.6	56.7
105	30.5	16.4	53.6
120	46.0	21.0	45.5
135	28.7	14.5	50.6
150	18.3	7.9	42.9
165	16.0	6.5	40.6
180	21.1	9.3	44.1
195	24.3	9.7	40.0
210	27.9	10.9	39.0
225	23.5	10.5	44.6
240	25.0	13.8	55.2
255	27.2	13.1	48.1
270	17.7	8.7	49.1
285	20.7	11.0	53.3
300	8.5	4.3	50.5
315	9.8	5.0	51.0
330	12.1	5.6	46.8
345	13.6	7.2	52.6

CONFIGURATION 2 WIND MEASUREMENT LOCATION 10

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0	18.4	9.1	49.2
15	26.0	13.2	50.8
30	27.3	14.9	54.4
45	35.4	16.3	46.2
60	30.5	13.9	45.5
75	31.0	15.8	50.9
90	39.4	19.5	49.5
105	39.6	18.7	47.3
120	36.8	17.5	47.5
135	23.5	11.3	48.0
150	27.7	10.5	38.1
165	22.5	10.9	48.4
180	18.1	8.9	49.0
195	18.4	8.9	48.5
210	32.4	15.0	46.1
225	20.6	11.0	53.4
240	18.6	10.6	56.7
255	30.4	16.1	52.9
270	56.0	21.9	39.1
285	30.2	13.0	43.1
300	15.1	7.2	47.7
315	11.1	5.4	48.6
330	16.6	7.9	47.4
345	11.6	5.1	43.6

Table 3-1. Mean Velocity and Turbulence Above the Building Top.

HOUSTON CENTER 1				CONFIGURATION 1				
MEAN VELOCITY (U/UINF AS FUNCTION OF WIND AZIMUTH AND HEIGHT)								
WIND AZIMUTH	HEIGHT (FEET)							
	12.50	25.00	50.00	75.00	100.00	150.00	225.00	300.00
0	1.01	1.09	1.08	1.08	1.07	1.07	1.08	1.09
15	.31	.62	1.13	1.12	1.12	1.10	1.11	1.11
30	.28	.43	1.15	1.13	1.10	1.07	1.07	1.07
45	.41	.88	1.35	1.29	1.26	1.22	1.20	1.20
60	.28	.71	1.11	1.06	1.03	1.00	1.00	1.00
75	.29	.99	1.02	.99	.97	.96	.95	.96
90	1.05	1.12	1.07	1.03	1.01	1.00	.99	1.00
105	1.05	1.04	1.03	1.02	1.00	.99	.99	1.00
120	.84	1.00	1.05	1.03	1.02	1.00	.99	.99
135	.59	.90	1.07	1.06	1.05	1.04	1.04	1.04
150	1.03	1.09	1.03	1.00	.99	.99	.99	1.01
165	1.12	1.07	1.00	.98	.97	.97	.97	.98
180	1.22	1.13	1.04	1.01	.99	.99	.99	1.00
195	.69	1.10	1.02	.99	.99	.97	.98	.98
210	.58	1.07	1.02	1.00	1.00	.99	1.00	1.00
225	.46	1.02	.99	.98	.98	.99	1.00	1.01
240	.34	1.04	.99	.98	.97	.97	.98	.99
255	.70	1.09	1.03	1.01	1.00	1.00	1.01	1.01
270	.61	.96	.92	.92	.93	.94	.96	.97
285	.97	.96	.95	.95	.96	.97	.98	.99
300	.92	.95	.97	.99	1.01	1.03	1.05	1.06
315	.85	1.03	1.06	1.07	1.05	1.05	1.06	1.06
330	.61	.88	1.06	1.05	1.04	1.04	1.05	1.06
345	.99	1.04	1.06	1.05	1.05	1.05	1.06	1.07

Table 3-2. Mean Velocity and Turbulence Above the Building Top.

HOUSTON CENTER 1		CONFIGURATION 1						
TURBULENCE INTENSITY (PERCENT) (URMS/U AS FUNCTION OF WIND AZIMUTH AND HEIGHT)								
WIND AZIMUTH	HEIGHT (FEET)							
	12.50	25.00	50.00	75.00	100.00	150.00	225.00	300.00
0	18.88	7.74	5.83	5.43	5.32	5.00	4.54	4.11
15	56.97	50.31	7.28	5.22	4.83	4.56	4.35	3.97
30	49.76	58.87	9.46	5.28	5.08	4.38	4.00	3.74
45	55.79	46.43	6.34	5.01	4.89	4.76	4.50	4.30
60	49.18	43.15	5.81	5.28	5.14	4.94	4.59	4.12
75	53.28	18.48	6.12	5.64	5.56	5.17	4.85	4.55
90	19.69	6.02	5.22	5.01	5.13	4.85	4.63	4.21
105	5.89	5.80	5.22	4.96	5.18	4.89	4.59	4.24
120	28.68	15.82	5.58	5.30	4.87	4.85	4.67	4.35
135	40.68	24.65	5.90	5.13	5.06	4.80	4.31	3.96
150	18.46	6.11	5.17	5.16	5.18	4.97	4.62	4.15
165	5.78	5.81	5.88	6.27	5.55	5.23	4.72	4.51
180	6.10	5.35	5.38	5.28	5.11	4.68	4.89	4.49
195	45.19	5.69	5.33	5.00	4.95	4.71	4.35	4.12
210	45.29	6.59	5.18	5.08	4.82	4.66	4.32	4.00
225	48.79	6.46	5.38	5.13	5.07	4.88	4.50	4.09
240	57.70	7.13	5.54	5.27	5.10	4.89	4.42	4.16
255	42.81	7.12	5.30	5.09	5.06	4.88	4.49	4.41
270	39.58	8.28	6.24	5.97	5.85	5.61	4.80	4.48
285	13.69	9.40	8.00	6.99	6.21	5.16	4.58	4.29
300	15.25	13.73	11.04	9.60	8.41	6.39	5.11	4.45
315	27.12	10.46	6.37	5.51	5.07	4.82	4.65	4.25
330	39.66	25.26	6.71	5.76	5.34	4.81	4.55	4.30
345	14.75	9.83	5.60	5.40	5.20	4.94	4.53	4.18

Table 3-3. Mean Velocity and Turbulence Above the Building Top.

HOUSTON CENTER 1

CONFIGURATION 2

MEAN VELOCITY (U/UI_{NF} AS FUNCTION OF WIND AZIMUTH AND HEIGHT)

WIND AZIMUTH	HEIGHT (FEET)							
	12.50	25.00	50.00	75.00	100.00	150.00	225.00	300.00
60	.29	.81	1.12	1.07	1.04	1.02	1.01	1.02
75	.29	1.00	1.10	1.06	1.03	1.01	1.01	1.01
90	1.02	1.11	1.07	1.04	1.03	1.01	1.00	1.01
105	1.03	1.04	1.03	1.02	1.01	1.01	1.01	1.01
120	.97	1.03	1.03	1.02	1.01	1.00	1.00	1.01
135	.79	.97	1.02	1.02	1.02	1.02	1.03	1.04
150	1.05	1.03	1.00	.99	.98	.98	1.00	1.01
165	1.07	1.02	.97	.95	.95	.95	.95	.96
180	1.22	1.12	1.04	1.01	1.00	1.00	.99	1.00
195	.67	1.14	1.06	1.03	1.02	1.01	1.01	1.01
210	.57	1.06	1.02	1.00	1.00	1.00	1.00	1.01
225	.33	.32	1.01	1.00	1.00	1.00	1.01	1.02
240	.52	1.07	1.02	1.01	.99	.99	.99	.99
255	.62	1.10	1.05	1.02	1.00	1.00	1.00	1.01
270	.49	.98	.94	.94	.94	.95	.96	.98
285	.88	.89	.91	.91	.93	.95	.96	.97

Table 3-4. Mean Velocity and Turbulence Above the Building Top.

HOUSTON CENTER 1				CONFIGURATION 2				
TURBULENCE INTENSITY (PERCENT) (URMS/U AS FUNCTION OF WIND AZIMUTH AND HEIGHT)								
WIND AZIMUTH	HEIGHT (FEET)							
	12.50	25.00	50.00	75.00	100.00	150.00	225.00	300.00
60	49.18	38.70	5.81	5.38	4.99	5.03	4.56	4.14
75	54.46	24.97	5.65	5.26	5.10	4.91	4.56	4.24
90	23.89	6.56	5.54	5.42	5.20	4.87	4.49	4.17
105	6.78	6.12	5.72	5.31	5.15	4.81	4.53	4.10
120	15.16	8.77	5.89	5.15	5.19	4.83	4.46	4.19
135	28.80	13.55	6.28	5.59	5.15	4.79	4.45	3.85
150	5.80	5.74	5.47	5.50	5.01	4.89	4.37	4.03
165	6.16	6.07	6.05	6.07	5.63	5.23	5.04	4.71
180	6.97	5.61	5.42	5.37	5.18	4.83	4.29	4.17
195	46.36	6.08	5.21	4.95	4.96	4.74	4.39	4.15
210	45.35	6.57	5.30	5.24	4.94	4.66	4.32	3.91
225	56.75	8.40	5.77	5.18	5.14	4.78	4.38	3.90
240	49.49	6.50	5.20	5.12	4.97	4.85	4.57	4.14
255	50.07	7.70	5.29	4.88	4.87	4.74	4.44	4.14
270	48.11	9.24	6.52	6.24	5.94	5.52	4.97	4.52
285	16.86	10.75	8.89	7.88	6.87	5.81	4.89	4.28

Table 4-1. Largest Pressure Coefficients for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
101	75	.274	210	-.617	75	.710	120	-1.584
102	75	.228	210	-.596	75	.555	120	-1.275
103	75	.207	180	-.688	45	.643	135	-1.105
104	30	.243	180	-.693	45	.681	135	-1.281
105	30	.269	180	-.715	30	.578	300	-1.591
106	30	.241	315	-.768	30	.546	300	-2.424
107	15	.355	300	-.829	15	.675	300	-2.795
108	90	.629	210	-.632	90	1.091	120	-1.321
109	75	.653	210	-.626	75	1.034	120	-1.563
110	75	.637	195	-.606	45	1.061	135	-1.265
111	45	.659	180	-.627	45	1.118	135	-1.182
112	30	.656	315	-.654	45	1.060	315	-1.380
113	30	.636	315	-.724	30	1.082	315	-1.718
114	15	.597	195	-.704	15	1.043	300	-1.993
115	90	.620	210	-.666	90	.980	210	-1.357
116	75	.635	210	-.619	75	1.032	120	-1.305
117	60	.619	210	-.623	60	1.078	120	-1.545
118	60	.623	180	-.583	60	1.135	135	-1.305
119	30	.629	180	-.598	30	1.020	315	-1.440
120	30	.613	315	-.726	30	1.028	315	-2.082
121	15	.587	315	-.747	15	1.029	315	-2.213
122	90	.582	210	-.672	90	1.077	210	-1.444
123	75	.569	210	-.633	90	.930	120	-1.436
124	60	.574	210	-.609	60	1.039	135	-1.444
125	45	.571	210	-.610	45	.983	135	-1.459
126	45	.560	210	-.591	30	1.038	315	-1.582
127	30	.552	315	-.696	30	.996	315	-1.939
128	15	.537	315	-.710	15	.931	315	-2.190
129	90	.526	210	-.691	90	.901	135	-1.730
130	90	.510	210	-.619	75	1.086	120	-1.842
131	60	.511	210	-.606	75	.945	135	-1.500
132	15	.334	225	-.495	0	.411	315	-.878
133	45	.464	195	-.657	45	.919	315	-1.298
134	15	.445	195	-.676	15	.902	315	-1.713
135	15	.446	195	-.707	15	.944	315	-1.977
136	90	.425	210	-.669	90	.910	120	-1.352
137	90	.403	210	-.668	75	.859	135	-1.710
138	60	.397	195	-.632	60	.849	135	-1.632
139	60	.429	195	-.656	45	.859	150	-1.188
140	45	.420	195	-.651	45	.877	150	-1.261

Table 4-2. Largest Pressure Coefficients for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
141	45	.315	195	-.886	15	.739	195	-1.799
142	15	.297	195	-.851	0	.805	165	-2.227
143	90	.326	210	-.703	90	.772	135	-1.555
144	90	.269	210	-.687	90	.568	135	-1.775
145	60	.195	195	-.725	60	.501	210	-1.527
146	45	.297	195	-.712	45	.737	150	-1.295
147	45	.349	180	-.692	45	.773	165	-1.089
148	45	.327	180	-.626	45	.749	240	-1.206
149	30	.164	240	-.824	30	.732	240	-2.794
150	90	.208	195	-.705	90	.642	120	-1.442
151	90	.123	195	-.726	90	.365	135	-2.018
152	90	.071	195	-.763	135	.307	150	-1.599
153	45	.158	180	-.757	60	.560	165	-1.261
154	45	.243	180	-.609	45	.744	180	-.968
155	45	.237	225	-.552	60	.707	225	-.835
156	60	.185	225	-.557	60	.703	180	-.973
157	90	.088	195	-.746	105	.801	180	-2.165
158	75	.120	180	-.718	105	.525	135	-1.983
159	60	.248	180	-.736	60	.581	165	-1.522
160	60	.339	180	-.572	60	.730	210	-1.420
161	45	.366	225	-.550	45	.876	165	-.803
162	45	.323	225	-.540	45	.773	195	-.760
163	15	.125	225	-.532	30	.749	195	-1.123
201	285	.543	90	-.627	270	1.044	315	-1.725
202	285	.464	60	-.636	285	.853	315	-1.535
203	270	.354	60	-.595	270	.655	315	-1.235
204	270	.274	45	-.618	270	.590	135	-1.106
205	225	.173	45	-.612	225	.529	330	-1.232
206	195	.109	45	-.624	195	.435	315	-1.234
207	180	.216	45	-.615	180	.656	0	-1.038
208	270	.404	75	-.609	270	1.015	135	-1.248
209	255	.668	90	-.575	285	1.107	60	-.919
210	240	.674	90	-.585	240	1.131	315	-1.178
211	210	.652	45	-.559	210	1.000	135	-1.139
212	195	.662	45	-.561	210	1.045	60	-1.082
213	195	.624	45	-.567	195	.981	60	-1.222
214	180	.630	45	-.600	180	.996	45	-1.293
215	255	.333	75	-.596	270	1.012	135	-1.669
216	255	.674	90	-.563	270	1.073	135	-1.347
217	240	.676	90	-.532	240	1.042	135	-1.073

Table 4-3. Largest Pressure Coefficients for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
218	210	.669	135	-.523	210	1.040	135	-1.249
219	195	.665	135	-.501	210	1.010	60	-1.268
220	180	.645	45	-.511	180	1.002	60	-1.198
221	180	.590	45	-.559	180	1.004	60	-1.208
222	255	.245	90	-.575	270	1.134	135	-1.691
223	240	.582	120	-.529	240	1.001	120	-1.288
224	240	.635	120	-.499	240	.981	135	-.988
225	210	.645	135	-.536	210	1.012	135	-1.433
226	195	.642	135	-.552	195	1.056	135	-1.345
227	180	.602	135	-.519	180	.987	135	-1.440
228	180	.526	60	-.543	180	1.018	135	-1.299
229	255	.230	90	-.556	255	.747	105	-1.383
230	255	.562	120	-.508	240	1.035	75	-1.225
231	225	.599	90	-.472	225	1.005	135	-1.076
232	225	.588	135	-.509	210	.988	135	-1.270
233	195	.598	135	-.582	195	.954	135	-1.388
234	180	.580	135	-.555	180	.929	135	-1.526
235	180	.488	135	-.528	180	.824	135	-1.452
236	255	.229	90	-.559	255	.775	120	-1.197
237	255	.503	120	-.507	255	.948	135	-1.091
238	210	.533	45	-.490	210	.984	120	-1.276
239	210	.559	45	-.475	210	.975	135	-1.201
240	195	.508	135	-.583	210	.925	135	-1.569
241	180	.508	135	-.562	180	.940	135	-1.951
242	180	.395	45	-.528	180	.873	135	-1.781
243	240	.403	120	-.643	240	.845	120	-2.083
244	210	.429	120	-.552	255	.820	120	-1.592
245	210	.432	120	-.516	225	1.067	120	-1.182
246	195	.422	15	-.509	210	.804	135	-1.210
247	180	.405	135	-.529	180	.821	135	-1.631
248	180	.392	135	-.542	180	.816	135	-1.646
249	165	.355	45	-.522	180	.821	135	-1.607
250	210	.163	90	-.512	240	.693	120	-1.883
251	210	.323	90	-.505	225	.762	120	-.933
252	195	.387	90	-.506	225	.812	120	-1.088
253	180	.383	105	-.521	210	.746	120	-1.304
254	180	.337	120	-.570	180	.897	60	-1.516
255	165	.300	135	-.552	180	.623	135	-2.387
256	165	.267	135	-.625	165	.856	135	-2.871
301	165	.342	210	-.426	165	.739	210	-4.019

Table 4-4. Largest Pressure Coefficients for Configuration 1
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
302	150	.344	210	-.934	150	.645	210	-1.899
303	135	.326	210	-.905	150	.647	210	-1.857
304	135	.322	60	-.885	105	.750	60	-1.738
305	120	.339	60	-1.100	105	.754	60	-1.889
306	105	.368	60	-1.092	105	.726	60	-2.971
307	165	.654	210	-.840	165	.980	45	-2.110
308	150	.781	210	-.861	165	.963	210	-1.764
309	135	.666	210	-.881	135	1.032	210	-1.803
310	135	.663	60	-1.004	120	1.064	210	-2.008
311	105	.651	60	-.954	120	1.040	60	-1.629
312	105	.607	60	-.932	90	.977	225	-1.862
313	165	.627	195	-.804	165	.970	45	-2.308
314	150	.613	195	-.894	150	.970	195	-1.936
315	135	.644	60	-.880	150	.999	60	-1.916
316	120	.655	60	-.947	120	1.001	210	-1.921
317	105	.641	60	-.896	105	1.003	210	-1.774
318	105	.559	60	-.886	90	.959	210	-2.464
319	165	.594	195	-.846	165	.982	60	-2.366
320	150	.608	195	-.902	150	.998	195	-2.207
321	150	.602	60	-.852	135	1.001	210	-2.299
322	120	.624	60	-.928	120	.998	60	-2.002
323	120	.595	60	-.889	120	.963	60	-2.189
324	105	.547	60	-.871	105	.990	210	-2.263
325	165	.541	195	-.906	165	.941	45	-2.367
326	150	.548	195	-.942	150	.953	195	-1.942
327	135	.552	195	-.852	135	1.010	195	-2.116
328	135	.552	60	-.922	120	.939	210	-1.953
329	105	.524	60	-.892	120	.995	60	-2.064
330	105	.475	60	-.878	105	.950	210	-2.551
331	165	.451	195	-.872	165	.886	45	-2.366
332	150	.494	195	-.907	150	.878	195	-2.250
333	135	.515	195	-.841	135	.874	195	-1.918
334	135	.504	60	-.850	135	.889	60	-1.896
335	120	.483	60	-.874	120	.910	60	-2.064
336	105	.430	60	-.841	90	.845	210	-2.391
337	165	.346	195	-.849	165	.864	45	-1.962
338	150	.449	195	-.865	150	.930	195	-1.786
339	150	.423	210	-.815	135	.806	210	-2.066
340	135	.425	210	-.793	120	.867	210	-1.689
341	120	.420	60	-.909	120	.849	60	-2.282

Table 4-5. Largest Pressure Coefficients for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
342	105	.388	60	-.885	105	.818	210	-1.964
343	150	.276	210	-.843	150	.658	30	-1.718
344	150	.363	210	-.863	150	.755	195	-1.901
345	150	.366	210	-.872	135	.718	210	-1.925
346	120	.354	210	-.766	120	.770	30	-1.639
347	120	.351	60	-.717	120	.736	60	-1.894
348	105	.320	60	-.821	105	.764	60	-2.179
349	150	.210	195	-1.133	165	.642	210	-2.780
350	150	.254	195	-.988	165	.620	210	-2.141
351	150	.396	195	-.736	135	.870	30	-2.121
352	135	.371	210	-.733	135	.939	30	-1.907
353	120	.329	210	-.627	135	.709	30	-2.091
354	105	.227	210	-.595	90	.554	240	-1.888
401	345	.450	195	-.817	315	.944	210	-1.730
402	330	.473	60	-.797	300	.987	165	-1.319
403	315	.479	60	-.818	315	.968	240	-1.590
404	285	.510	60	-.791	315	1.188	240	-1.782
405	300	.562	240	-.775	300	1.108	240	-1.643
406	300	.606	255	-1.315	300	1.104	240	-3.001
407	0	.580	195	-.842	345	1.081	210	-2.309
408	345	.653	60	-.798	315	1.141	210	-1.599
409	330	.582	60	-.841	315	1.184	60	-1.870
410	330	.444	60	-.816	315	1.018	240	-1.890
411	330	.216	255	-.995	315	.619	270	-1.987
412	330	-.046	255	-.940	330	.833	270	-2.617
413	0	.537	195	-.862	345	.967	225	-2.358
414	345	.570	195	-.828	315	1.151	210	-1.768
415	345	.468	60	-.852	315	1.026	240	-1.831
416	330	.332	240	-.800	315	.910	240	-2.039
417	330	.138	255	-.968	315	.604	255	-2.407
418	315	-.095	255	-.936	60	.213	255	-2.134
419	0	.467	195	-.852	0	.938	195	-2.318
420	345	.466	210	-.816	315	1.190	45	-2.346
421	315	.386	210	-.879	315	1.092	240	-1.870
422	345	.255	210	-.865	315	.950	240	-1.990
423	315	.079	255	-.914	315	.646	255	-2.159
424	315	-.098	255	-.876	315	.309	75	-2.140
425	0	.390	180	-.787	0	.893	225	-1.865
426	0	.335	210	-.805	315	1.048	60	-1.886
427	315	.300	210	-.917	315	.963	60	-2.141

Table 4-6. Largest Pressure Coefficients for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
428	345	.197	210	-.920	315	.729	240	-1.847
429	315	.062	210	-.908	315	.612	240	-1.873
430	315	-.103	210	-.898	105	.383	240	-1.864
431	0	.297	60	-.873	0	.825	60	-1.915
432	0	.295	60	-.914	0	.680	75	-2.346
433	15	.234	75	-.738	345	.589	60	-2.173
434	345	.162	195	-.877	345	.535	150	-2.109
435	315	.011	210	-1.176	315	.431	195	-3.233
436	300	-.087	210	-1.066	315	.232	240	-2.178
437	15	.213	240	-.561	30	.658	75	-1.726
438	15	.382	75	-.664	0	.900	150	-1.515
439	0	.344	90	-.627	0	1.055	240	-1.279
440	345	.220	210	-.712	345	.777	165	-1.481
441	135	-.028	90	-.546	210	.543	180	-1.802
442	135	-.085	90	-.555	210	.477	240	-1.461
443	30	.199	225	-.537	30	.721	225	-.880
444	330	.376	225	-.778	330	.398	225	-.801
445	15	.022	225	-.535	30	.468	180	-1.047
446	240	.165	90	-.541	255	.666	15	-.940
447	135	.070	90	-.668	180	.332	90	-1.126
448	135	.055	90	-.679	165	.266	90	-1.482
449	135	.044	105	-.631	150	.230	105	-1.061
450	135	.038	90	-.546	135	.281	105	-.938
451	135	-.029	90	-.517	120	.294	285	-.981
501	285	-.142	345	-.867	300	.332	270	-2.105
502	315	-.126	60	-.990	300	.153	90	-2.330
503	285	.272	195	-.738	285	.650	45	-1.311
504	300	-.135	180	-1.077	345	.203	165	-2.318

Table 5-1. Largest Pressure Coefficients for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
101	75	.245	135	-.811	75	.589	135	-2.772
102	75	.116	210	-.598	75	.426	135	-2.146
103	60	.139	210	-.648	60	.472	150	-1.886
104	60	.109	210	-.672	60	.453	150	-1.238
105	60	.050	195	-.700	60	.395	150	-1.284
106	60	-.045	195	-.702	60	.250	225	-1.309
107	135	-.140	195	-.721	60	.062	225	-1.239
108	90	.569	225	-.615	90	.971	135	-2.156
109	75	.628	210	-.613	75	.457	150	-1.411
110	60	.637	195	-.611	60	1.027	150	-1.222
111	60	.601	195	-.620	60	.437	150	-1.089
112	60	.496	195	-.622	60	.880	210	-.977
113	60	.302	195	-.665	60	.693	285	-1.054
114	60	-.147	195	-.709	60	.180	195	-1.203
115	90	.535	225	-.646	75	.941	210	-1.289
116	75	.603	210	-.612	60	1.053	150	-1.449
117	60	.631	210	-.616	60	1.038	150	-1.290
118	60	.601	210	-.597	60	.943	150	-.876
119	60	.494	195	-.597	60	.852	285	-.938
120	60	.283	195	-.614	60	.635	285	-1.800
121	135	-.141	195	-.694	245	.153	285	-2.019
122	75	.512	225	-.666	75	1.023	120	-1.442
123	75	.577	210	-.622	75	1.017	150	-1.785
124	60	.613	210	-.614	60	1.006	150	-.970
125	60	.553	210	-.628	60	.433	270	-.905
126	60	.465	210	-.622	60	.852	225	-.925
127	60	.272	210	-.645	60	.745	285	-1.348
128	135	-.149	210	-.712	60	.202	285	-1.790
129	75	.460	225	-.687	90	1.013	150	-1.830
130	75	.498	225	-.632	60	.444	150	-1.417
131	60	.500	210	-.629	60	.470	150	-1.174
132	285	.397	165	-.286	245	.416	135	.225
133	60	.383	210	-.643	60	.726	255	-1.072
134	60	.218	210	-.674	60	.541	210	-1.111
135	135	-.133	195	-.786	60	.283	180	-1.474
136	75	.281	165	-.650	90	.748	150	-2.407
137	75	.338	165	-.689	75	.807	150	-2.319
138	60	.346	165	-.719	60	.885	165	-1.900
139	60	.406	180	-.705	60	.839	180	-1.277
140	60	.359	255	-.665	60	.743	255	-1.326

Table 5-2. Largest Pressure Coefficients for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
141	60	.202	255	-.804	60	.584	255	-2.060
142	135	-.129	195	-.782	60	.234	255	-1.877
143	75	.112	150	-.724	90	.466	165	-2.911
144	60	.167	165	-.750	60	.511	150	-2.730
145	60	.208	210	-.766	75	.540	165	-2.004
146	60	.253	180	-.781	60	.654	165	-1.597
147	60	.290	180	-.621	60	.740	180	-1.161
148	60	.269	210	-.448	60	.745	255	-1.099
149	60	.039	270	-.521	60	.482	255	-2.690
150	75	.062	210	-.876	135	.517	150	-2.889
151	75	.076	210	-.870	75	.470	165	-2.722
152	90	.107	180	-.834	90	.307	165	-2.444
153	60	.118	180	-.753	60	.330	165	-1.478
154	60	.173	180	-.484	60	.530	180	-.928
155	60	.181	210	-.408	60	.467	180	-.739
156	60	.140	210	-.415	60	.441	180	-.898
157	90	.095	195	-.755	90	.471	150	-4.070
158	75	.175	195	-.764	60	.517	150	-3.800
159	60	.290	180	-.832	75	.632	165	-2.047
160	60	.349	180	-.589	75	.664	165	-1.398
161	60	.342	240	-.394	60	.740	120	-1.021
162	60	.282	240	-.349	60	.605	195	-.842
163	60	.055	240	-.339	60	.373	180	-1.220
201	285	.517	90	-.688	285	1.032	120	-1.379
202	285	.440	90	-.677	285	.818	90	-1.279
203	285	.331	75	-.637	285	.599	120	-1.648
204	285	.183	60	-.620	210	.818	120	-1.679
205	225	.134	90	-.610	210	.530	135	-1.228
206	225	.048	75	-.674	210	.609	135	-1.755
207	180	.258	75	-.643	180	.664	135	-3.111
208	270	.437	90	-.682	270	.968	120	-1.325
209	255	.639	90	-.636	255	1.060	90	-1.088
210	240	.662	90	-.617	225	1.037	120	-.982
211	225	.649	90	-.588	225	1.006	120	-1.118
212	210	.648	90	-.573	210	.992	120	-1.203
213	195	.629	75	-.562	195	1.021	135	-1.306
214	165	.588	90	-.558	180	.992	135	-1.939
215	270	.289	90	-.683	270	1.164	90	-1.510
216	255	.638	90	-.631	255	1.077	90	-1.173
217	240	.663	90	-.594	225	1.054	90	-1.027

Table 5-3. Largest Pressure Coefficients for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS, CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
218	225	.651	90	-.573	210	1.105	120	-.935
219	210	.626	90	-.563	210	.948	135	-.931
220	195	.632	90	-.555	195	.982	135	-1.508
221	165	.599	90	-.542	180	.994	135	-1.376
222	255	.271	90	-.698	270	1.168	90	-1.286
223	255	.601	90	-.636	255	.999	90	-1.124
224	240	.606	90	-.602	240	1.044	120	-.997
225	225	.587	90	-.573	240	.991	120	-1.198
226	210	.590	90	-.567	210	1.072	90	-1.416
227	180	.552	90	-.551	195	.922	135	-1.330
228	165	.562	90	-.543	180	.953	135	-1.336
229	255	.233	90	-.727	270	.828	105	-1.758
230	255	.530	90	-.649	240	.950	105	-1.264
231	240	.541	75	-.610	225	.867	60	-1.266
232	240	.462	120	-.582	225	.784	105	-1.309
233	195	.439	120	-.583	210	.792	120	-1.413
234	195	.482	120	-.560	195	.839	120	-1.277
235	180	.516	120	-.549	180	.961	135	-1.762
236	255	.242	90	-.710	270	.796	105	-1.708
237	255	.462	75	-.704	255	1.032	105	-1.691
238	225	.382	75	-.635	240	.712	75	-1.324
239	240	.279	105	-.656	225	.567	120	-1.409
240	180	.246	120	-.650	180	.632	105	-1.589
241	180	.391	120	-.618	180	.936	120	-1.526
242	180	.443	120	-.592	195	.903	120	-1.301
243	225	.313	75	-.640	225	.860	105	-2.233
244	225	.291	75	-.530	285	.821	90	-1.445
245	225	.211	105	-.584	270	.511	105	-1.469
246	225	.122	105	-.681	225	.439	120	-1.666
247	165	.118	105	-.717	165	.647	105	-2.129
248	180	.230	120	-.735	165	.896	120	-2.606
249	150	.293	120	-.645	150	1.026	135	-2.916
250	270	.100	75	-.561	225	.803	105	-1.822
251	210	.225	75	-.554	270	.695	105	-1.087
252	210	.303	75	-.523	270	.642	105	-1.412
253	210	.280	105	-.589	210	.618	105	-1.772
254	210	.122	105	-.651	210	.429	90	-1.826
255	165	.177	105	-.648	180	.652	105	-2.040
256	165	.239	105	-.571	180	.755	105	-2.682
301	150	.584	210	-1.311	135	1.091	210	-3.488

Table 5-4. Largest Pressure Coefficients for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
302	150	.537	210	-1.202	135	1.273	210	-1.940
303	150	.519	210	-1.009	135	1.174	210	-2.147
304	150	.486	210	-.737	135	1.097	225	-1.662
305	120	.419	60	-.896	135	1.087	225	-2.216
306	120	.395	60	-.880	135	1.026	225	-2.314
307	150	.564	210	-1.099	150	1.103	210	-1.677
308	150	.377	210	-1.138	150	.758	195	-2.099
309	120	.371	210	-1.152	120	.738	210	-2.037
310	120	.566	210	-.922	120	.435	210	-1.917
311	120	.674	60	-.894	120	1.052	60	-2.214
312	105	.629	60	-.846	90	1.021	210	-1.756
313	165	.410	210	-1.075	165	.995	210	-1.915
314	165	.253	210	-1.120	165	.586	210	-2.700
315	120	.244	210	-1.106	135	.549	210	-2.257
316	120	.510	210	-.914	120	.838	210	-1.990
317	120	.654	60	-.913	120	1.097	60	-2.271
318	90	.578	60	-.847	135	1.174	225	-3.014
319	165	.397	210	-1.118	165	1.122	210	-2.269
320	165	.213	210	-1.162	165	.643	210	-2.486
321	120	.195	210	-1.059	105	.498	210	-2.350
322	120	.474	210	-.857	120	.427	210	-2.296
323	120	.629	60	-.823	120	1.074	60	-2.069
324	105	.557	225	-.829	90	.496	240	-2.205
325	165	.440	210	-1.248	165	1.047	210	-2.269
326	165	.202	210	-1.282	165	.619	210	-2.952
327	120	.167	225	-.901	105	.463	210	-2.476
328	120	.420	225	-.877	105	.809	225	-1.876
329	105	.568	60	-.849	105	1.035	225	-1.823
330	90	.519	60	-.834	105	.988	270	-2.430
331	165	.373	210	-1.196	150	1.114	210	-2.730
332	165	.183	225	-.912	165	.587	210	-2.397
333	120	.147	225	-.884	105	.418	225	-2.188
334	120	.386	225	-.778	105	.787	225	-1.886
335	105	.522	60	-.735	105	.434	225	-1.864
336	105	.458	60	-.714	90	.497	255	-2.076
337	150	.298	210	-.932	150	.942	210	-2.727
338	150	.095	225	-.875	150	.572	225	-2.737
339	120	.120	225	-.863	105	.503	240	-1.934
340	120	.322	225	-.774	105	.774	240	-1.630
341	105	.443	60	-.676	105	1.044	60	-2.375

Table 5-5. Largest Pressure Coefficients for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
342	90	.384	60	-.697	105	.872	60	-1.832
343	150	.232	225	-.784	165	.962	210	-2.433
344	150	.084	225	-.812	165	.656	255	-2.063
345	120	.118	225	-.776	105	.481	255	-1.784
346	120	.271	225	-.659	90	.647	240	-1.398
347	105	.376	225	-.603	135	.966	60	-1.607
348	105	.311	225	-.608	135	.937	60	-1.907
349	150	.178	225	-.881	150	.747	225	-2.249
350	165	.125	225	-.902	165	.719	240	-1.941
351	135	.038	225	-.670	150	.546	165	-1.251
352	120	.241	225	-.654	90	.716	225	-1.413
353	120	.308	225	-.522	90	.742	270	-1.503
354	105	.227	195	-.504	135	.753	270	-1.436
401	285	.095	210	-.797	285	.334	225	-2.109
402	285	.312	60	-.765	285	.684	240	-1.746
403	285	.443	60	-.779	285	.781	240	-1.759
404	285	.469	240	-.833	285	1.164	240	-1.686
405	285	.341	240	-.910	285	1.046	240	-1.901
406	285	.138	255	-1.209	285	1.067	240	-3.206
407	135	-.152	195	-.847	135	.113	210	-2.476
408	135	-.158	195	-.807	255	.357	195	-1.657
409	135	-.162	60	-.797	255	.283	240	-1.747
410	135	-.178	240	-.920	270	.247	240	-1.937
411	135	-.179	255	-1.068	270	.373	255	-2.200
412	135	-.189	255	-1.013	90	.494	285	-2.511
413	135	-.137	195	-.889	135	.115	195	-2.563
414	135	-.139	195	-.841	240	.109	210	-1.882
415	135	-.153	240	-.833	105	.129	225	-2.009
416	135	-.179	240	-.927	240	.320	240	-2.182
417	135	-.186	255	-1.086	270	.295	270	-2.140
418	135	-.188	255	-1.045	90	.158	270	-2.431
419	135	-.139	195	-.917	105	.102	210	-2.770
420	135	-.140	195	-.872	240	.314	225	-2.015
421	135	-.145	60	-.857	285	.252	210	-2.149
422	135	-.162	240	-.974	255	.188	240	-2.203
423	135	-.162	255	-1.051	60	.240	240	-2.014
424	135	-.162	255	-1.025	90	.562	270	-2.272
425	135	-.132	195	-.975	285	.120	195	-1.883
426	135	-.136	195	-.950	285	.165	195	-1.618
427	135	-.149	195	-.939	285	.132	60	-1.978

Table 5-6. Largest Pressure Coefficients for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT
428	135	-.157	240	-.941	60	.205	240	-2.152
429	135	-.152	240	-1.035	60	.220	240	-2.326
430	135	-.146	255	-1.015	60	.113	270	-2.199
431	135	-.110	60	-.955	285	.306	180	-1.856
432	135	-.123	60	-1.005	285	.292	60	-3.268
433	135	-.147	195	-.947	60	.375	60	-1.967
434	135	-.163	195	-.988	60	.295	90	-1.757
435	135	-.165	240	-1.114	105	.445	240	-2.412
436	135	-.168	240	-1.197	270	.339	240	-2.693
437	135	-.115	60	-.658	285	.239	75	-1.485
438	135	-.153	90	-.866	285	.118	90	-1.791
439	285	-.143	90	-.793	285	.280	90	-1.600
440	135	-.173	90	-.753	60	.284	90	-1.650
441	240	-.004	180	-.731	210	.707	180	-1.852
442	135	-.061	195	-.610	225	.543	180	-1.928
443	60	.040	225	-.369	60	.494	210	-1.070
444	285	.051	165	-.797	285	.093	165	-.819
445	60	-.014	225	-.435	60	.450	195	-1.057
446	225	.216	75	-.446	225	.752	90	-.864
447	135	.018	75	-.559	180	.233	60	-1.030
448	135	.003	90	-.542	105	.137	90	-1.067
449	135	-.003	90	-.503	120	.136	75	-.977
450	135	-.010	75	-.480	105	.205	90	-.869
451	135	-.028	75	-.514	105	.355	165	-.993
501	285	-.140	195	-.753	135	.162	225	-1.554
502	285	-.272	105	-1.203	135	.283	90	-2.841
503	285	.235	90	-.759	285	.659	90	-1.361
504	285	-.196	210	-.962	135	.443	180	-2.433

Table 6-1. Largest Pressure Loads for Configuration 1
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
101	75	7.672	210	-17.276	75	19.880	120	-44.352
102	75	6.384	210	-16.688	75	15.540	120	-35.700
103	75	5.796	180	-19.264	45	18.004	135	-30.940
104	30	6.804	180	-19.404	45	19.068	135	-35.868
105	30	7.532	180	-20.020	30	16.184	300	-44.548
106	30	6.748	315	-21.504	30	15.288	300	-67.872
107	15	9.940	300	-23.212	15	18.900	300	-78.260
108	90	17.612	210	-17.696	90	30.548	120	-36.988
109	75	18.284	210	-17.528	75	28.952	120	-43.764
110	75	17.836	195	-16.968	45	29.708	135	-35.420
111	45	18.452	180	-17.556	45	31.304	135	-33.096
112	30	18.368	315	-18.312	45	29.680	315	-38.640
113	30	17.808	315	-20.272	30	30.296	315	-48.104
114	15	16.716	195	-19.712	15	29.204	300	-55.804
115	90	17.360	210	-18.648	90	27.440	210	-37.996
116	75	17.780	210	-17.332	75	28.896	120	-36.540
117	60	17.332	210	-17.444	60	30.184	120	-43.260
118	60	17.444	180	-16.324	60	31.780	135	-36.540
119	30	17.612	180	-16.744	30	28.560	315	-40.320
120	30	17.164	315	-20.328	30	28.784	315	-58.296
121	15	16.436	315	-20.916	15	28.812	315	-61.964
122	90	16.296	210	-18.816	90	30.156	210	-40.432
123	75	15.932	210	-17.724	90	26.040	120	-40.208
124	60	16.072	210	-17.052	60	29.092	135	-40.432
125	45	15.988	210	-17.080	45	27.524	135	-40.852
126	45	15.680	210	-16.548	30	29.064	315	-44.296
127	30	15.456	315	-19.488	30	27.888	315	-54.292
128	15	15.036	315	-19.880	15	26.068	315	-61.320
129	90	14.728	210	-19.348	90	25.228	135	-48.440
130	90	14.280	210	-17.332	75	30.408	120	-51.576
131	60	14.308	210	-16.968	75	26.460	135	-42.000
132	15	9.352	225	-13.860	0	11.508	315	-24.584
133	45	12.992	195	-18.396	45	25.732	315	-36.344
134	15	12.460	195	-18.928	15	25.256	315	-47.964
135	15	12.488	195	-19.796	15	26.432	315	-55.356
136	90	11.900	210	-18.732	90	25.480	120	-37.856
137	90	11.284	210	-18.704	75	24.052	135	-47.880
138	60	11.116	195	-17.696	60	23.772	135	-45.696
139	60	12.012	195	-18.368	45	24.052	150	-33.264
140	45	11.760	195	-18.228	45	24.556	150	-35.308

Table 6-2. Largest Pressure Loads for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMMER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
141	45	8.820	195	-24.808	15	20.692	195	-50.372
142	15	8.316	195	-23.828	0	22.540	165	-62.356
143	90	9.128	210	-19.684	90	21.616	135	-43.540
144	90	7.532	210	-19.236	90	15.904	135	-49.700
145	60	5.460	195	-20.300	60	14.028	210	-42.756
146	45	8.316	195	-19.936	45	20.636	150	-36.260
147	45	9.772	180	-19.376	45	21.644	165	-30.492
148	45	9.156	180	-17.528	45	20.972	240	-33.768
149	30	4.592	240	-23.072	30	20.496	240	-78.232
150	90	5.824	195	-19.740	90	17.976	120	-40.376
151	90	3.444	195	-20.328	90	10.248	135	-56.504
152	90	1.988	195	-21.364	135	8.596	150	-44.772
153	45	4.424	180	-21.196	60	15.680	165	-35.308
154	45	6.804	180	-17.052	45	20.972	180	-27.104
155	45	6.636	225	-15.456	60	19.796	225	-23.380
156	60	5.180	225	-15.596	60	19.684	180	-27.244
157	90	2.464	195	-20.888	105	22.428	180	-60.620
158	75	3.360	180	-20.104	105	14.700	135	-55.524
159	60	6.944	180	-20.608	60	16.268	165	-42.616
160	60	9.492	180	-16.016	60	20.440	210	-39.760
161	45	10.248	225	-15.400	45	24.528	165	-22.484
162	45	9.044	225	-15.120	45	21.644	195	-21.280
163	15	3.500	225	-14.896	30	20.972	195	-31.444
201	285	15.204	90	-17.556	270	29.372	315	-48.300
202	285	12.992	60	-17.808	285	23.884	315	-42.980
203	270	9.912	60	-16.660	270	18.340	315	-34.580
204	270	7.672	45	-17.304	270	16.520	135	-30.968
205	225	4.844	45	-17.136	225	14.812	330	-34.496
206	195	3.052	45	-17.472	195	12.180	315	-34.552
207	180	6.048	45	-17.220	180	18.368	0	-29.064
208	270	11.312	75	-17.052	270	28.420	135	-34.944
209	255	18.704	90	-16.100	285	30.996	60	-25.732
210	240	18.872	90	-16.380	240	31.668	315	-32.984
211	210	18.256	45	-15.652	210	28.000	135	-31.892
212	195	18.536	45	-15.708	210	29.260	60	-30.296
213	195	17.472	45	-15.876	195	27.468	60	-34.216
214	180	17.640	45	-16.800	180	27.888	45	-36.204
215	255	9.324	75	-16.688	270	28.336	135	-46.732
216	255	18.872	90	-15.764	270	30.044	135	-37.716
217	240	18.928	90	-14.896	240	29.176	135	-30.044

Table 6-3. Largest Pressure Loads for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS, CONFIGURATION 1

TAP NUMNER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
218	210	18.732	135	-14.644	210	29.120	135	-34.972
219	195	18.620	135	-14.028	210	28.280	60	-35.504
220	180	18.060	45	-14.308	180	28.056	60	-33.544
221	180	16.520	45	-15.652	180	28.252	60	-33.824
222	255	6.860	90	-16.100	270	31.752	135	-47.348
223	240	16.296	120	-14.812	240	28.028	120	-36.064
224	240	17.780	120	-13.972	240	27.468	135	-27.664
225	210	18.060	135	-15.008	210	28.336	135	-40.124
226	195	17.976	135	-15.456	195	29.568	135	-37.660
227	180	16.856	135	-14.532	180	27.636	135	-40.320
228	180	14.728	60	-15.204	180	28.420	135	-36.372
229	255	6.440	90	-15.568	255	20.916	105	-38.724
230	255	15.736	120	-14.224	240	28.980	75	-34.300
231	225	16.772	90	-13.216	225	28.140	135	-30.128
232	225	16.464	135	-14.252	210	27.664	135	-35.560
233	195	16.744	135	-16.296	195	26.712	135	-38.864
234	180	16.240	135	-15.540	180	26.012	135	-42.728
235	180	13.664	135	-14.784	180	24.752	135	-40.656
236	255	6.412	90	-15.652	255	21.700	120	-33.516
237	255	14.084	120	-14.196	255	26.544	135	-30.548
238	210	14.924	45	-13.720	210	27.104	120	-35.728
239	210	15.652	45	-13.300	210	27.300	135	-33.628
240	195	14.224	135	-16.324	210	25.900	135	-43.932
241	180	14.224	135	-15.736	180	26.320	135	-54.628
242	180	11.060	45	-14.784	180	24.444	135	-49.868
243	240	11.284	120	-18.004	240	23.660	120	-58.324
244	210	12.012	120	-15.456	255	23.128	120	-44.576
245	210	12.096	120	-14.448	225	29.876	120	-33.096
246	195	11.816	15	-14.252	210	22.512	135	-33.880
247	180	11.340	135	-14.812	180	22.988	135	-45.668
248	180	10.976	135	-15.176	180	22.848	135	-46.088
249	165	9.940	45	-14.616	180	22.988	135	-44.996
250	210	4.564	90	-14.336	240	19.404	120	-52.724
251	210	9.044	90	-14.140	225	21.336	120	-26.124
252	195	10.836	90	-14.168	225	22.736	120	-30.464
253	180	10.724	105	-14.588	210	20.888	120	-36.512
254	180	9.436	120	-15.960	180	19.516	60	-42.448
255	165	8.400	135	-15.456	180	17.444	135	-66.836
256	165	7.476	135	-17.500	165	18.368	135	-80.388
301	165	9.576	210	-25.928	165	20.692	210	-112.532

Table 6-4. Largest Pressure Loads for Configuration 1.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PFAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
302	150	9.632	210	-26.152	150	18.060	210	-53.172
303	135	9.128	210	-25.340	150	18.116	210	-51.996
304	135	9.016	60	-24.780	105	21.000	60	-48.664
305	120	9.492	60	-30.800	105	21.252	60	-52.892
306	105	10.304	60	-30.576	105	20.328	60	-83.188
307	165	18.312	210	-23.520	165	27.440	45	-59.080
308	150	21.868	210	-24.108	165	26.964	210	-49.392
309	135	18.648	210	-24.668	135	28.896	210	-50.484
310	135	18.564	60	-28.112	120	29.792	210	-56.224
311	105	18.228	60	-26.712	120	29.120	60	-45.612
312	105	16.996	60	-26.096	90	27.356	225	-52.136
313	165	17.556	195	-22.512	165	27.160	45	-64.624
314	150	17.164	195	-25.032	150	27.160	195	-54.208
315	135	18.032	60	-24.640	150	27.972	60	-53.648
316	120	18.340	60	-26.516	120	28.028	210	-53.788
317	105	17.948	60	-25.088	105	28.084	210	-49.672
318	105	15.652	60	-24.808	90	27.132	210	-68.992
319	165	16.632	195	-23.688	165	27.496	60	-66.248
320	150	17.024	195	-25.256	150	27.944	195	-61.796
321	150	16.856	60	-23.856	135	28.028	210	-64.372
322	120	17.472	60	-25.984	120	27.944	60	-56.056
323	120	16.660	60	-24.892	120	26.964	60	-61.292
324	105	15.316	60	-24.388	105	27.720	210	-63.364
325	165	15.148	195	-25.368	165	26.348	45	-66.276
326	150	15.344	195	-26.376	150	26.684	195	-54.376
327	135	15.456	195	-23.856	135	28.280	195	-59.248
328	135	15.456	60	-25.816	120	26.292	210	-54.684
329	105	14.672	60	-24.976	120	27.860	60	-57.792
330	105	13.300	60	-24.584	105	26.600	210	-71.428
331	165	12.628	195	-24.416	165	24.808	45	-66.248
332	150	13.972	195	-25.396	150	24.584	195	-63.000
333	135	14.420	195	-23.548	135	24.472	195	-53.704
334	135	14.112	60	-23.800	135	24.892	60	-53.088
335	120	13.524	60	-24.472	120	25.480	60	-57.792
336	105	12.040	60	-23.548	90	23.660	210	-66.948
337	165	9.688	195	-23.772	165	24.192	45	-53.256
338	150	12.572	195	-24.220	150	26.040	195	-50.008
339	150	11.844	210	-22.820	135	22.568	210	-57.848
340	135	11.900	210	-22.204	120	24.276	210	-47.292
341	120	11.760	60	-25.452	120	23.772	60	-63.896

Table 6-5. Largest Pressure Loads for Configuration 1
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
342	105	10.864	60	-24.780	105	22.904	210	-54.992
343	150	7.728	210	-23.604	150	18.424	30	-48.104
344	150	10.164	210	-24.164	150	21.140	195	-53.228
345	150	10.248	210	-24.416	135	20.104	210	-53.900
346	120	9.912	210	-21.448	120	21.560	30	-45.892
347	120	9.828	60	-20.076	120	20.608	60	-53.032
348	105	8.960	60	-22.988	105	21.392	60	-61.012
349	150	5.880	195	-31.724	165	17.976	210	-77.840
350	150	7.112	195	-27.664	165	17.360	210	-59.948
351	150	11.088	195	-20.608	135	24.360	30	-59.388
352	135	10.388	210	-20.524	135	26.292	30	-53.396
353	120	9.212	210	-17.556	135	19.852	30	-58.548
354	105	6.356	210	-16.660	90	15.512	240	-52.864
401	345	12.600	195	-22.876	315	26.432	210	-48.440
402	330	13.244	60	-22.316	300	27.636	165	-36.932
403	315	13.412	60	-22.904	315	27.104	240	-44.520
404	285	14.280	60	-22.148	315	33.264	240	-49.896
405	300	15.736	240	-21.700	300	31.024	240	-46.004
406	300	16.968	255	-36.820	300	30.912	240	-84.028
407	0	16.240	195	-23.576	345	30.268	210	-64.652
408	345	18.284	60	-22.344	315	31.948	210	-44.772
409	330	16.296	60	-23.548	315	33.152	60	-52.360
410	330	12.432	60	-22.848	315	28.504	240	-52.920
411	330	6.048	255	-27.860	315	17.332	270	-55.636
412	330	-1.288	255	-26.320	330	23.324	270	-73.276
413	0	15.036	195	-24.136	345	27.076	225	-66.024
414	345	15.960	195	-23.184	315	32.228	210	-49.504
415	345	13.104	60	-23.856	315	28.728	240	-51.268
416	330	9.296	240	-22.400	315	25.480	240	-57.092
417	330	3.864	255	-27.104	315	16.912	255	-67.396
418	315	-2.660	255	-26.208	60	5.964	255	-59.752
419	0	13.076	195	-23.856	0	26.264	195	-64.904
420	345	13.048	210	-22.848	315	33.320	45	-65.688
421	315	10.808	210	-24.612	315	30.576	240	-52.360
422	345	7.140	210	-24.220	315	26.600	240	-55.720
423	315	2.212	255	-25.592	315	18.088	255	-60.452
424	315	-2.744	255	-24.528	315	8.652	75	-59.920
425	0	10.920	180	-22.036	0	25.004	225	-52.220
426	0	9.380	210	-22.540	315	29.344	60	-52.808
427	315	8.400	210	-25.676	315	26.964	60	-59.948

Table 6-6. Largest Pressure Loads for Configuration 1
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 1

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
428	345	5.516	210	-25.760	315	20.412	240	-51.716
429	315	1.736	210	-25.424	315	17.136	240	-52.444
430	315	-2.884	210	-25.144	105	10.724	240	-52.192
431	0	8.316	60	-24.444	0	23.100	60	-53.620
432	0	8.260	60	-25.592	0	19.040	75	-65.688
433	15	6.552	75	-20.664	345	16.492	60	-60.844
434	345	4.536	195	-24.556	345	14.980	150	-59.052
435	315	.308	210	-32.928	315	12.068	195	-90.524
436	300	-2.436	210	-29.848	315	6.496	240	-60.984
437	15	5.964	240	-15.708	30	18.424	75	-48.328
438	15	10.696	75	-18.732	0	25.200	150	-42.420
439	0	9.632	90	-17.556	0	29.540	240	-35.812
440	345	6.160	210	-19.936	345	21.756	165	-41.468
441	135	-.784	90	-15.288	210	15.204	180	-50.456
442	135	-2.380	90	-15.540	210	13.356	240	-40.908
443	30	5.572	225	-15.036	30	20.188	225	-24.640
444	330	10.528	225	-21.784	330	11.144	225	-22.428
445	15	.616	225	-14.980	30	13.104	180	-29.316
446	240	4.620	90	-15.148	255	18.648	15	-26.320
447	135	1.960	90	-18.704	180	9.296	90	-31.528
448	135	1.540	90	-19.012	165	7.448	90	-41.496
449	135	1.232	105	-17.668	150	6.440	105	-29.708
450	135	1.064	90	-15.288	135	7.868	105	-26.264
451	135	-.812	90	-14.476	120	8.232	285	-27.468
501	285	-3.976	345	-24.276	300	9.296	270	-58.940
502	315	-3.528	60	-27.720	300	4.284	90	-65.240
503	285	7.616	195	-20.664	285	18.200	45	-36.708
504	300	-3.780	180	-30.156	345	5.684	165	-64.904

Table 7-1. Largest Pressure Loads for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
101	75	6.860	135	-22.708	75	16.492	135	-77.616
102	75	3.248	210	-16.744	75	11.928	135	-60.088
103	60	3.892	210	-18.144	60	13.216	150	-52.808
104	60	3.052	210	-18.816	60	12.684	150	-34.664
105	60	1.400	195	-19.600	60	11.060	150	-35.952
106	60	-1.260	195	-19.656	60	7.000	225	-36.652
107	135	-3.920	195	-20.188	60	1.736	225	-34.692
108	90	15.932	225	-17.220	90	27.188	135	-60.368
109	75	17.584	210	-17.164	75	26.796	150	-39.508
110	60	17.836	195	-17.108	60	28.756	150	-34.216
111	60	16.828	195	-17.360	60	26.236	150	-30.492
112	60	13.888	195	-17.416	60	24.640	210	-27.356
113	60	8.456	195	-18.620	60	19.404	285	-29.512
114	60	-4.116	195	-19.852	60	5.040	195	-33.684
115	90	14.980	225	-18.088	75	26.348	210	-36.092
116	75	16.884	210	-17.136	60	29.484	150	-40.572
117	60	17.668	210	-17.248	60	29.064	150	-36.120
118	60	16.828	210	-16.716	60	27.524	150	-24.528
119	60	13.832	195	-16.716	60	23.856	285	-26.264
120	60	7.924	195	-17.192	60	17.808	285	-50.400
121	135	-3.948	195	-19.432	285	4.284	285	-56.532
122	75	14.336	225	-18.648	75	28.644	120	-40.376
123	75	16.156	210	-17.416	75	28.476	150	-49.980
124	60	17.164	210	-17.332	60	28.168	150	-27.160
125	60	15.484	210	-17.584	60	26.124	270	-25.340
126	60	13.020	210	-17.416	60	23.856	225	-25.900
127	60	7.616	210	-18.060	60	20.860	285	-37.744
128	135	-4.172	210	-19.936	60	5.656	285	-50.120
129	75	12.880	225	-19.236	90	28.364	150	-51.240
130	75	13.944	225	-17.696	60	25.172	150	-39.676
131	60	14.000	210	-17.612	60	27.160	150	-32.872
132	285	11.116	165	8.008	285	11.648	135	6.300
133	60	10.724	210	-18.004	60	20.328	255	-30.016
134	60	6.104	210	-19.012	60	16.268	210	-31.108
135	135	-3.724	195	-22.008	60	7.924	180	-41.272
136	75	7.868	165	-18.200	90	22.064	150	-67.396
137	75	9.464	165	-19.292	75	22.596	150	-64.932
138	60	11.088	165	-20.132	60	24.780	165	-53.200
139	60	11.368	180	-19.740	60	23.492	180	-35.756
140	60	10.052	255	-18.620	60	20.804	255	-37.128

Table 7-2. Largest Pressure Loads for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
141	60	5.656	255	-22.512	60	16.352	255	-57.680
142	135	-3.612	195	-21.896	60	6.552	255	-52.556
143	75	3.136	150	-20.272	90	13.048	165	-81.508
144	60	4.676	165	-21.000	60	14.308	150	-76.440
145	60	5.824	210	-21.448	75	15.120	165	-56.112
146	60	7.084	180	-21.868	60	18.424	165	-44.716
147	60	8.120	180	-17.388	60	20.720	180	-32.508
148	60	7.532	210	-12.544	60	20.860	255	-30.772
149	60	1.092	270	-14.588	60	13.496	255	-75.320
150	75	1.736	210	-24.528	135	14.476	150	-80.892
151	75	2.128	210	-24.360	75	13.160	165	-76.216
152	90	2.996	180	-23.352	90	8.596	165	-68.432
153	60	3.304	180	-21.084	60	9.240	165	-41.384
154	60	4.844	180	-13.552	60	14.840	180	-25.984
155	60	5.068	210	-11.424	60	13.076	180	-20.692
156	60	3.920	210	-11.620	60	12.348	180	-25.144
157	90	2.660	195	-21.140	90	13.188	150	-113.960
158	75	4.900	195	-21.392	60	14.476	150	-106.400
159	60	8.120	180	-23.296	75	17.696	165	-57.316
160	60	9.772	180	-16.492	75	18.592	165	-39.144
161	60	9.576	240	-11.032	60	20.720	120	-28.588
162	60	7.896	240	-9.772	60	16.940	195	-23.576
163	60	1.540	240	-9.492	60	10.444	180	-34.160
201	285	14.476	90	-19.264	285	28.896	120	-38.612
202	285	12.320	90	-18.956	285	22.904	90	-35.812
203	285	9.268	75	-17.836	285	16.772	120	-46.144
204	285	5.124	60	-17.360	210	14.504	120	-47.012
205	225	3.752	90	-17.080	210	14.840	135	-34.384
206	225	1.344	75	-18.872	210	17.052	135	-49.140
207	180	7.224	75	-18.004	180	18.592	135	-87.108
208	270	12.236	90	-19.096	270	27.104	120	-37.100
209	255	17.892	90	-17.808	255	29.680	90	-30.464
210	240	18.536	90	-17.276	225	29.036	120	-27.496
211	225	18.172	90	-16.464	225	28.168	120	-31.304
212	210	18.144	90	-16.044	210	27.776	120	-33.684
213	195	17.612	75	-15.736	195	28.588	135	-36.568
214	165	16.464	90	-15.624	180	27.776	135	-54.292
215	270	8.092	90	-19.124	270	32.592	90	-42.280
216	255	17.864	90	-17.668	255	30.156	90	-32.844
217	240	18.564	90	-16.632	225	29.652	90	-28.756

Table 7-3. Largest Pressure Loads for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
218	225	18.228	90	-16.044	210	30.940	120	-26.180
219	210	17.528	90	-15.764	210	27.944	135	-26.068
220	195	17.696	90	-15.540	195	27.496	135	-42.224
221	165	16.772	90	-15.176	180	27.944	135	-38.528
222	255	7.588	90	-19.544	270	32.704	90	-36.008
223	255	16.828	90	-17.808	255	27.972	90	-31.472
224	240	16.968	90	-16.856	240	29.232	120	-27.916
225	225	16.436	90	-16.044	240	27.748	120	-33.544
226	210	16.520	90	-15.876	210	30.016	90	-39.648
227	180	15.456	90	-15.428	195	25.816	135	-37.240
228	165	15.736	90	-15.204	180	26.684	135	-37.408
229	255	6.524	90	-20.356	270	23.184	105	-49.224
230	255	14.840	90	-18.172	240	26.600	105	-35.392
231	240	15.148	75	-17.080	225	24.276	60	-35.448
232	240	12.936	120	-16.296	225	22.092	105	-36.652
233	195	12.292	120	-16.324	210	22.176	120	-39.564
234	195	13.496	120	-15.680	195	23.492	120	-35.756
235	180	14.448	120	-15.372	180	26.908	135	-49.336
236	255	6.776	90	-19.880	270	22.288	105	-47.824
237	255	12.936	75	-19.712	255	28.896	105	-47.348
238	225	10.696	75	-17.780	240	19.936	75	-37.072
239	240	7.812	105	-18.368	225	15.876	120	-39.452
240	180	6.888	120	-18.200	180	17.696	105	-44.492
241	180	10.948	120	-17.304	180	26.208	120	-42.728
242	180	12.404	120	-16.576	195	25.284	120	-36.428
243	225	8.764	75	-17.920	225	24.080	105	-62.524
244	225	8.148	75	-14.840	285	22.988	90	-40.460
245	225	5.908	105	-16.352	270	14.308	105	-41.132
246	225	3.416	105	-19.068	225	12.292	120	-46.648
247	165	3.304	105	-20.076	165	18.116	105	-59.612
248	180	6.440	120	-20.580	165	25.088	120	-72.968
249	150	8.204	120	-19.460	150	28.728	135	-81.648
250	270	2.800	75	-15.708	225	22.484	105	-51.016
251	210	6.300	75	-15.512	270	19.460	105	-30.436
252	210	8.484	75	-14.644	270	17.976	105	-39.536
253	210	7.840	105	-16.492	210	17.304	105	-49.616
254	210	3.416	105	-18.228	210	12.012	90	-51.128
255	165	4.956	105	-18.144	180	18.256	105	-57.120
256	165	6.692	105	-15.988	180	21.140	105	-75.096
301	150	16.352	210	-36.708	135	30.548	210	-97.664

Table 7-4. Largest Pressure Loads for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
302	150	15.036	210	-33.656	135	35.644	210	-54.320
303	150	14.532	210	-28.252	135	32.872	210	-60.116
304	150	13.608	210	-20.636	135	30.716	225	-46.536
305	120	11.732	60	-25.088	135	30.436	225	-62.048
306	120	11.060	60	-24.640	135	28.728	225	-64.792
307	150	15.792	210	-30.772	150	30.884	210	-46.956
308	150	10.556	210	-31.864	150	21.224	195	-58.772
309	120	10.388	210	-32.256	120	20.664	210	-57.036
310	120	15.848	210	-25.816	120	26.180	210	-53.676
311	120	18.872	60	-25.032	120	29.456	60	-61.992
312	105	17.612	60	-23.688	90	28.588	210	-49.168
313	165	11.480	210	-30.100	165	27.860	210	-53.620
314	165	7.084	210	-31.360	165	16.408	210	-75.600
315	120	6.832	210	-30.968	135	15.372	210	-63.196
316	120	14.280	210	-25.592	120	23.464	210	-55.720
317	120	18.312	60	-25.564	120	30.716	60	-63.588
318	90	16.184	60	-23.716	135	32.872	225	-84.392
319	165	11.116	210	-31.304	165	31.416	210	-63.532
320	165	5.964	210	-32.536	165	18.004	210	-69.608
321	120	5.460	210	-29.652	105	13.944	210	-65.800
322	120	13.272	210	-23.996	120	23.156	210	-64.288
323	120	17.612	60	-23.044	120	30.072	60	-57.932
324	105	15.596	225	-23.212	90	27.888	240	-61.740
325	165	12.320	210	-34.944	165	29.316	210	-63.532
326	165	5.656	210	-35.896	165	17.332	210	-82.656
327	120	4.676	225	-25.228	105	12.964	210	-69.328
328	120	11.760	225	-24.556	105	22.652	225	-52.528
329	105	15.904	60	-23.772	105	28.980	225	-51.044
330	90	14.532	60	-23.352	105	27.664	270	-68.040
331	165	10.444	210	-33.488	150	31.192	210	-76.440
332	165	5.124	225	-25.536	165	16.436	210	-67.116
333	120	4.116	225	-24.752	105	11.704	225	-61.264
334	120	10.808	225	-21.784	105	22.036	225	-52.808
335	105	14.616	60	-20.580	105	26.292	225	-52.192
336	105	12.824	60	-19.992	90	25.116	255	-58.128
337	150	8.344	210	-26.096	150	26.376	210	-76.356
338	150	2.660	225	-24.500	150	16.016	225	-76.636
339	120	3.360	225	-24.164	105	14.084	240	-54.152
340	120	9.016	225	-21.672	105	21.672	240	-45.640
341	105	12.404	60	-18.928	105	29.232	60	-66.500

Table 7-5. Largest Pressure Loads for Configuration 2.
WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
342	90	10.752	60	-19.516	105	24.416	60	-51.296
343	150	6.496	225	-21.952	165	26.936	210	-68.124
344	150	2.352	225	-22.736	165	18.368	255	-57.764
345	120	3.304	225	-21.728	105	13.468	255	-49.952
346	120	7.588	225	-18.452	90	19.516	240	-38.864
347	105	10.528	225	-16.884	135	27.048	60	-44.996
348	105	8.708	225	-17.024	135	26.236	60	-53.396
349	150	4.984	225	-24.668	150	22.316	225	-62.972
350	165	3.500	225	-25.256	165	20.132	240	-54.348
351	135	1.064	225	-18.760	150	15.288	165	-35.028
352	120	6.748	225	-18.452	90	20.048	225	-39.564
353	120	8.624	225	-14.616	90	20.776	270	-42.084
354	105	6.356	195	-14.112	135	21.084	270	-40.208
401	285	2.660	210	-22.316	285	9.492	225	-59.052
402	285	8.736	60	-21.420	285	19.152	240	-48.888
403	285	12.404	60	-21.812	285	21.868	240	-49.252
404	285	13.132	240	-23.324	285	32.704	240	-47.208
405	285	9.548	240	-25.480	285	29.288	240	-53.228
406	285	3.864	255	-33.852	285	29.876	240	-89.768
407	135	-4.256	195	-23.716	135	3.164	210	-69.328
408	135	-4.424	195	-22.596	255	9.996	195	-46.396
409	135	-4.536	60	-22.316	255	7.924	240	-48.916
410	135	-4.984	240	-25.760	270	6.916	240	-54.236
411	135	-5.012	255	-29.904	270	10.444	255	-61.600
412	135	-5.292	255	-28.364	90	13.972	285	-70.308
413	135	-3.836	195	-24.892	135	3.220	195	-71.764
414	135	-3.892	195	-23.548	240	3.052	210	-52.696
415	135	-4.284	240	-23.324	105	3.612	225	-56.252
416	135	-5.012	240	-25.956	240	8.960	240	-61.096
417	135	-5.208	255	-30.408	270	8.260	270	-59.920
418	135	-5.264	255	-29.260	90	4.424	270	-68.068
419	135	-3.892	195	-25.676	105	2.856	210	-77.560
420	135	-3.920	195	-24.416	240	8.792	225	-56.420
421	135	-4.060	60	-23.996	285	7.056	210	-60.172
422	135	-4.536	240	-27.272	255	5.264	240	-61.684
423	135	-4.536	255	-29.428	60	6.720	240	-56.392
424	135	-4.536	255	-28.700	90	15.736	270	-63.616
425	135	-3.696	195	-27.300	285	3.360	195	-52.724
426	135	-3.808	195	-26.600	285	4.620	195	-45.304
427	135	-4.172	195	-26.292	285	3.696	60	-55.384

Table 7-6. Largest Pressure Loads for Configuration 2.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2

TAP NUMBER	WIND DIRECTION	MAXIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MINIMUM MEAN PRESSURE (PSF)	WIND DIRECTION	MAXIMUM PEAK PRESSURE (PSF)	WIND DIRECTION	MINIMUM PEAK PRESSURE (PSF)
428	135	-4.396	240	-26.348	60	5.740	240	-60.256
429	135	-4.256	240	-28.980	60	6.160	240	-65.128
430	135	-4.088	255	-28.420	60	3.164	270	-61.572
431	135	-3.080	60	-26.740	285	8.568	180	-51.968
432	135	-3.444	60	-28.140	285	8.176	60	-91.504
433	135	-4.116	195	-26.516	60	10.500	60	-55.076
434	135	-4.564	195	-27.664	60	8.260	90	-49.196
435	135	-4.620	240	-31.192	105	12.460	240	-67.536
436	135	-4.704	240	-33.516	270	9.492	240	-75.404
437	135	-3.220	60	-18.424	285	6.692	75	-41.580
438	135	-4.284	90	-24.248	285	3.304	90	-50.148
439	285	-4.004	90	-22.204	285	7.840	90	-44.800
440	135	-4.844	90	-21.084	60	7.952	90	-46.200
441	240	-.112	180	-20.468	210	19.796	180	-51.856
442	135	-1.708	195	-17.080	225	16.604	180	-53.984
443	60	1.120	225	-10.332	60	13.832	210	-29.960
444	285	1.428	165	-22.316	285	2.604	165	-22.932
445	60	-.392	225	-12.180	60	12.600	195	-29.596
446	225	6.048	75	-12.488	225	21.056	90	-24.192
447	135	.504	75	-15.652	180	6.524	60	-28.840
448	135	.084	90	-15.176	105	3.836	90	-29.876
449	135	-.084	90	-14.084	120	3.808	75	-27.356
450	135	-.280	75	-13.440	105	5.740	90	-24.332
451	135	-.784	75	-14.392	105	9.940	165	-27.804
501	285	-3.920	195	-21.084	135	4.536	225	-43.512
502	285	-7.616	105	-33.684	135	7.924	90	-79.548
503	285	6.580	90	-21.252	285	18.452	90	-38.108
504	285	-5.488	210	-26.936	135	12.404	180	-68.124

Table 8-1. Mean Forces and Moments on Each Building Face.

FORCES AND MOMENTS ON EACH WALL OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.1)

WIND DIRECTION	SIDE	F(X) KIPS	F(Y) KIPS	M(X) FT-K	M(Y) FT-K	M(Z) FT-K
0.	1.	-540.	0.	0.	-250346.	37062.
0.	2.	-1802.	0.	0.	-565149.	-2277.
0.	3.	0.	-1160.	353881.	0.	870.
0.	4.	0.	-258.	166198.	0.	-20370.
15.	1.	-1019.	0.	0.	-429070.	40693.
15.	2.	-2081.	0.	0.	-646815.	-664.
15.	3.	0.	-1337.	431160.	0.	1248.
15.	4.	0.	-0.	60548.	0.	-19217.
30.	1.	-1207.	0.	0.	-522197.	32120.
30.	2.	-2052.	0.	0.	-655695.	-1104.
30.	3.	0.	-1581.	494528.	0.	1819.
30.	4.	0.	427.	-142102.	0.	-6059.
45.	1.	-1495.	0.	0.	-573644.	15433.
45.	2.	-2361.	0.	0.	-801547.	-2240.
45.	3.	0.	-1955.	650537.	0.	1733.
45.	4.	0.	1464.	-539922.	0.	10225.
60.	1.	-1435.	0.	0.	-543340.	1734.
60.	2.	-2215.	0.	0.	-763286.	1006.
60.	3.	0.	-2327.	830462.	0.	-15197.
60.	4.	0.	1827.	-702205.	0.	9623.
75.	1.	-1300.	0.	0.	-498302.	-21957.
75.	2.	-2278.	0.	0.	-757222.	5814.
75.	3.	0.	-770.	257483.	0.	-4383.
75.	4.	0.	1901.	-677381.	0.	-1261.
90.	1.	-545.	0.	0.	-345537.	-42507.
90.	2.	-2356.	0.	0.	-804617.	5000.
90.	3.	0.	329.	-136679.	0.	21696.
90.	4.	0.	1869.	-646783.	0.	-3278.
105.	1.	-220.	0.	0.	-82478.	-21319.
105.	2.	-2243.	0.	0.	-726499.	4652.
105.	3.	0.	919.	-350586.	0.	22046.
105.	4.	0.	1313.	-412797.	0.	-2087.
120.	1.	920.	0.	0.	380443.	24888.
120.	2.	-2302.	0.	0.	-748782.	5086.
120.	3.	0.	1176.	-431685.	0.	11981.
120.	4.	0.	1038.	-373216.	0.	-2984.
135.	1.	1624.	0.	0.	614237.	25395.
135.	2.	-1425.	0.	0.	-707178.	-26376.
135.	3.	0.	1266.	-459270.	0.	1175.
135.	4.	0.	611.	-255574.	0.	-2130.
150.	1.	2038.	0.	0.	667569.	9449.
150.	2.	-191.	0.	0.	-174502.	-16149.
150.	3.	0.	1245.	-442927.	0.	-13418.
150.	4.	0.	1182.	-459323.	0.	737.
165.	1.	2497.	0.	0.	801074.	5799.
165.	2.	1068.	0.	0.	283639.	30582.
165.	3.	0.	784.	-299193.	0.	-22601.
165.	4.	0.	1692.	-633693.	0.	655.

Table 8-2. Mean Forces and Moments on Each Building Face.

FORCES AND MOMENTS ON EACH WALL OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.1)

WIND DIRECTION	SIDE	F(X) KIPS	F(Y) KIPS	M(X) FT-K	M(Y) FT-K	M(Z) FT-K
180.	1.	2829.	0.	0.	928983.	1366.
180.	2.	1628.	0.	0.	505704.	33309.
180.	3.	0.	-166.	16413.	0.	-11025.
180.	4.	0.	2058.	-759176.	0.	1072.
195.	1.	2651.	0.	0.	941102.	2822.
195.	2.	1822.	0.	0.	610775.	8313.
195.	3.	0.	-1936.	599553.	0.	20370.
195.	4.	0.	2118.	-792160.	0.	290.
210.	1.	2643.	0.	0.	902663.	11448.
210.	2.	1827.	0.	0.	627453.	-9327.
210.	3.	0.	-2597.	862426.	0.	4129.
210.	4.	0.	2112.	-781589.	0.	-945.
225.	1.	2432.	0.	0.	765377.	2436.
225.	2.	1830.	0.	0.	645537.	-17769.
225.	3.	0.	-1881.	594332.	0.	-2161.
225.	4.	0.	1747.	-605818.	0.	3852.
240.	1.	2284.	0.	0.	722101.	-6237.
240.	2.	1666.	0.	0.	604003.	-29567.
240.	3.	0.	-1457.	460164.	0.	-1616.
240.	4.	0.	1924.	-705901.	0.	-4313.
255.	1.	1940.	0.	0.	619616.	-3785.
255.	2.	1509.	0.	0.	549863.	-32778.
255.	3.	0.	-1164.	372372.	0.	-1610.
255.	4.	0.	1503.	-575110.	0.	-14987.
270.	1.	1336.	0.	0.	441982.	-5064.
270.	2.	781.	0.	0.	369776.	-20047.
270.	3.	0.	-811.	250898.	0.	-804.
270.	4.	0.	899.	-321712.	0.	-7719.
285.	1.	1232.	0.	0.	477034.	-7114.
285.	2.	603.	0.	0.	278172.	-10930.
285.	3.	0.	-618.	216540.	0.	-1515.
285.	4.	0.	568.	-195581.	0.	-2659.
300.	1.	976.	0.	0.	390207.	-22002.
300.	2.	-340.	0.	0.	-106587.	5223.
300.	3.	0.	-382.	140270.	0.	-249.
300.	4.	0.	338.	-118638.	0.	-268.
315.	1.	1296.	0.	0.	509833.	-33442.
315.	2.	-961.	0.	0.	-382719.	8141.
315.	3.	0.	-400.	141328.	0.	187.
315.	4.	0.	-519.	260977.	0.	-8112.
330.	1.	776.	0.	0.	284888.	-15793.
330.	2.	-1327.	0.	0.	-440068.	2193.
330.	3.	0.	-654.	215653.	0.	1752.
330.	4.	0.	-495.	264127.	0.	-10551.
345.	1.	179.	0.	0.	18111.	10248.
345.	2.	-1601.	0.	0.	-505281.	-2878.
345.	3.	0.	-924.	283496.	0.	1723.
345.	4.	0.	-497.	264096.	0.	-16020.

Table 8-3. Mean Forces and Moments on Each Building Face.

**FORCES AND MOMENTS ON EACH WALL OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.2)**

WIND DIRECTION	SIDE	F(X) KIPS	F(Y) KIPS	M(X) FT-K	M(Y) FT-K	M(Z) FT-K
180.	1.	2810.	0.	0.	914197.	8867.
180.	2.	832.	0.	0.	337273.	41760.
180.	3.	0.	-756.	241320.	0.	-16039.
180.	4.	0.	1984.	-721636.	0.	1059.
195.	1.	2828.	0.	0.	932309.	5192.
195.	2.	908.	0.	0.	429074.	23811.
195.	3.	0.	-1527.	533890.	0.	6735.
195.	4.	0.	2173.	-806004.	0.	2720.
210.	1.	2802.	0.	0.	935476.	7623.
210.	2.	1096.	0.	0.	481515.	-7099.
210.	3.	0.	-2398.	899436.	0.	18726.
210.	4.	0.	2053.	-779031.	0.	3216.
225.	1.	2555.	0.	0.	855495.	9498.
225.	2.	1334.	0.	0.	551633.	-24004.
225.	3.	0.	-2445.	795907.	0.	3688.
225.	4.	0.	1932.	-735290.	0.	2758.
240.	1.	2294.	0.	0.	749938.	7723.
240.	2.	1304.	0.	0.	532034.	-26844.
240.	3.	0.	-1939.	623057.	0.	203.
240.	4.	0.	2037.	-793614.	0.	-8987.
255.	1.	2087.	0.	0.	693624.	746.
255.	2.	1116.	0.	0.	465080.	-36797.
255.	3.	0.	-1665.	523922.	0.	-443.
255.	4.	0.	1592.	-621418.	0.	-15130.
270.	1.	1650.	0.	0.	557166.	-4035.
270.	2.	701.	0.	0.	331374.	-34977.
270.	3.	0.	-1228.	385929.	0.	-1912.
270.	4.	0.	1090.	-394831.	0.	-9111.
285.	1.	1052.	0.	0.	392260.	-6823.
285.	2.	438.	0.	0.	244753.	-23259.
285.	3.	0.	-784.	256457.	0.	-1686.
285.	4.	0.	695.	-229615.	0.	-3210.

Table 8-4. Mean Forces and Moments on Each Building Face.

**FORCES AND MOMENTS ON EACH WALL OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.2)**

WIND DIRECTION	SIDE	F(X) KIPS	F(Y) KIPS	M(X) FT-K	M(Y) FT-K	M(Z) FT-K
60.	1.	-1411.	0.	0.	-529518.	-9083.
60.	2.	-2506.	0.	0.	-859605.	5940.
60.	3.	0.	-1548.	560782.	0.	-15311.
60.	4.	0.	2058.	-778058.	0.	5986.
75.	1.	-1109.	0.	0.	-412411.	-35836.
75.	2.	-2700.	0.	0.	-906669.	8490.
75.	3.	0.	-374.	135156.	0.	14815.
75.	4.	0.	2160.	-766240.	0.	-1361.
90.	1.	-567.	0.	0.	-203292.	-40492.
90.	2.	-2762.	0.	0.	-917860.	6338.
90.	3.	0.	308.	-99516.	0.	30570.
90.	4.	0.	2158.	-764193.	0.	-2011.
105.	1.	-33.	0.	0.	-4081.	-11885.
105.	2.	-2667.	0.	0.	-834665.	-639.
105.	3.	0.	614.	-234886.	0.	31620.
105.	4.	0.	1105.	-383051.	0.	-4489.
120.	1.	572.	0.	0.	229427.	12221.
120.	2.	-2394.	0.	0.	-788167.	-11150.
120.	3.	0.	744.	-293684.	0.	27807.
120.	4.	0.	914.	-335193.	0.	-4045.
135.	1.	753.	0.	0.	288582.	16686.
135.	2.	-550.	0.	0.	-212254.	-12631.
135.	3.	0.	36.	-7374.	0.	4845.
135.	4.	0.	410.	-160363.	0.	-852.
150.	1.	1752.	0.	0.	608216.	20009.
150.	2.	319.	0.	0.	106369.	29382.
150.	3.	0.	-73.	-25092.	0.	-17823.
150.	4.	0.	852.	-312620.	0.	1546.
165.	1.	2439.	0.	0.	783666.	16813.
165.	2.	545.	0.	0.	207281.	38022.
165.	3.	0.	-316.	61881.	0.	-25614.
165.	4.	0.	1505.	-533078.	0.	1141.

Table 9-1. Total Forces and Moments on the Structure.

THE TOTAL FORCES AND MOMENTS OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.1)

WIND DIRECTION	F (X) KIPS	F (Y) KIPS	M (X) FT-K	M (Y) FT-K	M (Z) FT-K
0.	-2342.	-1419.	520078.	-815495.	15287.
15.	-3100.	-1388.	491708.	-1075885.	22061.
30.	-3259.	-1154.	352426.	-1177892.	26775.
45.	-3856.	-492.	110614.	-1375191.	25151.
60.	-3651.	-500.	128257.	-1306626.	-2835.
75.	-3528.	1131.	-419898.	-1255524.	-21788.
90.	-3331.	2198.	-783461.	-1150154.	-19089.
105.	-2463.	2231.	-763383.	-808977.	3292.
120.	-1382.	2215.	-804901.	-368339.	38971.
135.	-297.	1877.	-714844.	-92941.	-1935.
150.	1847.	2427.	-902249.	493068.	-19381.
165.	3565.	2476.	-932886.	1084713.	14434.
180.	4457.	1892.	-742763.	1434687.	24722.
195.	4673.	132.	-192608.	1551877.	31795.
210.	4470.	-485.	80837.	1530117.	5305.
225.	4262.	-133.	-11485.	1410914.	-13642.
240.	3950.	467.	-245736.	1326104.	-41733.
255.	3448.	339.	-202737.	1169479.	-53159.
270.	2117.	89.	-70815.	811758.	-33634.
285.	1835.	-51.	20960.	755206.	-22218.
300.	635.	-45.	21632.	283621.	-17295.
315.	335.	-919.	402305.	127114.	-33227.
330.	-551.	-1150.	479780.	-155181.	-22399.
345.	-1422.	-1421.	547592.	-487170.	-6927.

Table 9-2. Total Forces and Moments on the Structure.

THE TOTAL FORCES AND MOMENTS OF
HOUSTON CENTER 1
HOUSTON TEXAS (CF.2)

WIND DIRECTION	F(X) KIPS	F(Y) KIPS	M(X) FT-K	M(Y) FT-K	M(Z) FT-K
60.	-3918.	510.	-217276.	-1389122.	-12469.
75.	-3808.	1787.	-631084.	-1319079.	-13892.
90.	-3329.	2466.	-863709.	-1121151.	-5594.
105.	-2700.	1719.	-617937.	-838747.	14607.
120.	-1822.	1658.	-628878.	-558740.	24834.
135.	203.	446.	-167737.	76328.	8048.
150.	2071.	780.	-337712.	714584.	33114.
165.	2984.	1190.	-471197.	990947.	30362.
180.	3642.	1228.	-480315.	1251470.	35648.
195.	3736.	645.	-272114.	1361383.	38458.
210.	3899.	-345.	120405.	1416991.	22467.
225.	3890.	-512.	60618.	1407129.	-8060.
240.	3598.	99.	-170558.	1281972.	-27904.
255.	3204.	-72.	-97497.	1158704.	-51624.
270.	2351.	-138.	-8902.	888540.	-50034.
285.	1490.	-89.	26842.	637013.	-34978.

APPENDIX A

PRESSURE DATA

Notes--

1. Pressure coefficients are defined in section 4.3.
Pressure tap designation is explained in Figure 3.

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 0

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.188	.039	-.042	-.336	141	.266	.105	.702	-.123
102	-.072	.047	.079	-.238	142	.252	.182	.805	-.450
103	-.002	.058	.165	-.178	143	-.344	.037	-.156	-.465
104	.081	.072	.293	-.146	144	-.176	.041	.019	-.310
105	.146	.082	.398	-.111	145	-.061	.047	.217	-.220
106	.065	.092	.434	-.257	146	.039	.057	.322	-.147
107	.172	.140	.665	-.539	147	.088	.067	.472	-.172
108	-.179	.037	-.064	-.310	148	.077	.098	.526	-.517
109	.020	.052	.181	-.175	149	-.095	.159	.529	-.782
110	.182	.068	.383	-.028	150	-.343	.035	-.242	-.515
111	.307	.082	.566	.074	151	-.207	.032	-.076	-.324
112	.412	.096	.732	.129	152	-.098	.037	.064	-.232
113	.494	.117	.910	-.165	153	-.007	.045	.205	-.206
114	.534	.188	1.019	-.328	154	.054	.051	.244	-.117
115	-.207	.035	-.058	-.318	155	.049	.055	.261	-.206
116	-.010	.051	.178	-.174	156	.031	.059	.282	-.227
117	.140	.066	.408	-.064	157	-.253	.040	-.082	-.396
118	.272	.079	.542	.031	158	-.077	.049	.138	-.230
119	.378	.093	.674	.079	159	.041	.064	.301	-.140
120	.465	.113	.812	-.117	160	.141	.083	.444	-.098
121	.499	.179	.913	-.310	161	.183	.101	.584	-.064
122	-.224	.033	-.111	-.330	162	.182	.112	.595	-.095
123	-.038	.050	.135	-.230	163	.071	.129	.592	-.333
124	.117	.064	.339	-.132	201	-.296	.036	-.175	-.416
125	.220	.079	.506	.007	202	-.309	.035	-.192	-.438
126	.327	.092	.658	.071	203	-.326	.044	-.180	-.702
127	.412	.111	.785	-.068	204	-.351	.067	-.206	-.846
128	.417	.186	.901	-.356	205	-.370	.094	-.193	-1.084
129	-.269	.035	-.141	-.389	206	-.349	.080	-.102	-.919
130	-.083	.046	.107	-.215	207	-.349	.090	-.126	-1.038
131	.056	.058	.272	-.104	208	-.307	.033	-.187	-.413
132	.171	.070	.411	-.009	209	-.311	.032	-.196	-.413
133	.278	.096	.566	-.013	210	-.323	.032	-.232	-.432
134	.359	.119	.707	-.168	211	-.328	.031	-.241	-.456
135	.373	.192	.845	-.324	212	-.338	.033	-.224	-.491
136	-.292	.038	-.128	-.413	213	-.340	.040	-.206	-.572
137	-.132	.047	.068	-.288	214	-.355	.057	-.191	-.663
138	.007	.056	.244	-.183	215	-.324	.032	-.202	-.443
139	.108	.067	.395	-.077	216	-.330	.032	-.224	-.450
140	.179	.080	.494	-.027	217	-.335	.030	-.240	-.457

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 1
WIND DIRECTION 0

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.347	.028	-.250	-.440	302	-.292	.050	-.111	-.542
219	-.351	.030	-.257	-.476	303	-.291	.041	-.139	-.462
220	-.360	.041	-.232	-.536	304	-.286	.038	-.153	-.446
221	-.373	.056	-.219	-.730	305	-.277	.040	-.156	-.530
222	-.356	.034	-.238	-.479	306	-.273	.042	-.134	-.492
223	-.358	.033	-.260	-.479	307	-.311	.042	-.155	-.520
224	-.366	.032	-.273	-.485	308	-.302	.037	-.165	-.504
225	-.371	.031	-.276	-.495	309	-.301	.035	-.178	-.466
226	-.380	.031	-.280	-.524	310	-.294	.033	-.158	-.411
227	-.382	.042	-.278	-.605	311	-.290	.033	-.175	-.396
228	-.395	.053	-.243	-.774	312	-.288	.033	-.167	-.392
229	-.373	.034	-.269	-.495	313	-.331	.042	-.145	-.565
230	-.377	.033	-.265	-.491	314	-.322	.034	-.177	-.465
231	-.380	.034	-.245	-.500	315	-.318	.032	-.196	-.451
232	-.386	.035	-.260	-.514	316	-.317	.032	-.181	-.450
233	-.388	.039	-.274	-.596	317	-.312	.033	-.180	-.470
234	-.393	.048	-.261	-.603	318	-.308	.035	-.159	-.438
235	-.403	.059	-.235	-.650	319	-.360	.043	-.190	-.652
236	-.393	.039	-.276	-.551	320	-.348	.038	-.205	-.466
237	-.401	.035	-.303	-.562	321	-.343	.035	-.218	-.473
238	-.407	.036	-.310	-.599	322	-.337	.032	-.235	-.500
239	-.415	.038	-.327	-.598	323	-.332	.033	-.222	-.479
240	-.418	.040	-.301	-.601	324	-.331	.033	-.221	-.481
241	-.422	.049	-.261	-.631	325	-.391	.045	-.234	-.598
242	-.430	.061	-.250	-.799	326	-.386	.038	-.240	-.524
243	-.400	.053	-.245	-.717	327	-.380	.034	-.256	-.498
244	-.389	.046	-.256	-.670	328	-.379	.034	-.260	-.513
245	-.408	.045	-.293	-.631	329	-.373	.034	-.256	-.514
246	-.428	.051	-.308	-.936	330	-.374	.039	-.203	-.511
247	-.430	.047	-.316	-.661	331	-.413	.046	-.252	-.654
248	-.421	.044	-.271	-.648	332	-.404	.042	-.273	-.631
249	-.421	.048	-.226	-.676	333	-.397	.039	-.284	-.622
250	-.407	.049	-.274	-.588	334	-.391	.039	-.284	-.566
251	-.410	.050	-.291	-.586	335	-.394	.039	-.267	-.536
252	-.395	.044	-.278	-.556	336	-.390	.039	-.245	-.523
253	-.389	.041	-.284	-.562	337	-.432	.043	-.301	-.633
254	-.383	.039	-.282	-.596	338	-.423	.040	-.321	-.654
255	-.380	.041	-.245	-.640	339	-.415	.041	-.291	-.579
256	-.384	.048	-.185	-.674	340	-.413	.040	-.301	-.568
301	-.299	.063	-.096	-.741	341	-.408	.039	-.288	-.558

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 0

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.403	.039	-.276	-.553	428	.096	.082	.428	-.140
343	-.414	.048	-.265	-.683	429	-.090	.057	.202	-.269
344	-.410	.044	-.289	-.698	430	-.275	.034	-.108	-.403
345	-.403	.041	-.280	-.668	431	.297	.148	.825	-.312
346	-.399	.042	-.267	-.689	432	.295	.116	.680	.013
347	-.394	.042	-.274	-.605	433	.210	.095	.540	-.041
348	-.391	.041	-.260	-.596	434	.081	.075	.377	-.120
349	-.432	.093	-.245	-1.367	435	-.103	.052	.093	-.252
350	-.418	.068	-.241	-.943	436	-.304	.039	-.136	-.446
351	-.392	.065	-.215	-1.029	437	.046	.106	.465	-.260
352	-.384	.054	-.213	-.640	438	.322	.131	.900	.017
353	-.377	.057	-.194	-.648	439	.344	.130	1.055	.067
354	-.377	.055	-.196	-.657	440	.132	.099	.579	-.099
401	.296	.130	.741	-.419	441	-.319	.048	.004	-.571
402	.126	.095	.441	-.155	442	-.376	.045	-.110	-.547
403	.085	.084	.394	-.203	443	-.004	.102	.368	-.444
404	.015	.072	.307	-.180	444	.263	.006	.284	.243
405	-.077	.056	.117	-.278	445	-.041	.070	.248	-.317
406	-.197	.037	-.063	-.318	446	-.402	.050	-.215	-.689
407	.580	.150	1.020	-.133	447	-.382	.121	.218	-.902
408	.522	.124	.879	.148	448	-.245	.064	-.009	-.517
409	.377	.104	.701	.095	449	-.320	.060	-.170	-.674
410	.210	.085	.485	-.039	450	-.368	.058	-.230	-.710
411	.004	.058	.262	-.221	451	-.394	.042	-.267	-.584
412	-.214	.034	-.073	-.343	501	-.658	.221	-.121	-2.029
413	.537	.160	.932	-.053	502	-.270	.032	-.162	-.386
414	.477	.126	.833	.115	503	-.256	.051	-.089	-.441
415	.343	.109	.643	.037	504	-.349	.105	.042	-1.037
416	.184	.086	.485	-.142					
417	-.012	.061	.235	-.244					
418	-.234	.034	-.075	-.364					
419	.467	.160	.938	-.229					
420	.422	.122	.877	-.340					
421	.294	.101	.637	.031					
422	.143	.084	.444	-.086					
423	-.056	.060	.194	-.222					
424	-.261	.038	-.096	-.400					
425	.390	.171	.893	-.297					
426	.335	.127	.787	-.082					
427	.215	.101	.579	-.056					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 15

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.177	.056	.018	-.419	141	.307	.103	.739	-.177
102	-.025	.068	.236	-.307	142	.297	.147	.777	-.367
103	.061	.081	.371	-.195	143	-.350	.055	-.157	-.555
104	.147	.096	.460	-.168	144	-.150	.061	.134	-.364
105	.202	.099	.542	-.166	145	-.015	.071	.297	-.231
106	.217	.108	.512	-.161	146	.107	.077	.447	-.071
107	.355	.119	.675	-.109	147	.167	.081	.572	-.191
108	-.136	.054	.048	-.348	148	.149	.120	.616	-.386
109	.142	.079	.395	-.146	149	.079	.155	.594	-.470
110	.336	.098	.655	.040	150	-.364	.046	-.202	-.561
111	.470	.111	.829	.167	151	-.184	.042	-.028	-.361
112	.566	.121	.950	.218	152	-.043	.048	.176	-.185
113	.608	.132	.972	.212	153	.073	.061	.350	-.096
114	.597	.132	1.043	-.051	154	.147	.060	.457	-.011
115	-.168	.052	.041	-.347	155	.145	.051	.425	-.006
116	.103	.079	.384	-.130	156	.118	.045	.369	-.027
117	.304	.096	.576	-.025	157	-.291	.061	-.062	-.515
118	.445	.107	.770	.088	158	-.078	.064	.150	-.255
119	.543	.118	.889	.153	159	.070	.074	.355	-.115
120	.598	.123	.946	.222	160	.199	.080	.497	.001
121	.587	.135	1.029	.054	161	.279	.082	.716	.055
122	-.186	.056	.030	-.361	162	.295	.094	.679	-.041
123	.075	.085	.355	-.200	163	.125	.129	.716	-.331
124	.257	.103	.617	-.058	201	-.363	.041	-.207	-.493
125	.378	.111	.746	.037	202	-.369	.039	-.202	-.512
126	.475	.121	.848	.125	203	-.379	.042	-.238	-.531
127	.539	.130	.960	.102	204	-.400	.059	-.205	-.885
128	.537	.142	.931	-.105	205	-.384	.057	-.163	-.871
129	-.223	.057	-.016	-.456	206	-.395	.053	-.225	-.732
130	.041	.085	.361	-.221	207	-.386	.054	-.214	-.760
131	.214	.102	.606	-.078	208	-.373	.037	-.228	-.511
132	.334	.008	.360	.301	209	-.377	.036	-.238	-.521
133	.386	.120	.834	.069	210	-.388	.035	-.263	-.518
134	.445	.124	.902	-.093	211	-.384	.035	-.266	-.521
135	.446	.146	.944	-.136	212	-.387	.038	-.259	-.514
136	-.268	.060	-.020	-.456	213	-.382	.044	-.215	-.525
137	-.050	.083	.276	-.276	214	-.392	.054	-.201	-.698
138	.112	.095	.459	-.144	215	-.386	.039	-.234	-.513
139	.213	.101	.576	-.065	216	-.393	.038	-.260	-.506
140	.270	.101	.610	-.243	217	-.396	.036	-.269	-.509

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 15

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.401	.033	-.279	-.522	302	-.393	.053	-.234	-.682
219	-.398	.035	-.240	-.515	303	-.384	.049	-.226	-.585
220	-.398	.038	-.267	-.539	304	-.381	.049	-.214	-.571
221	-.400	.051	-.201	-.695	305	-.367	.049	-.210	-.564
222	-.406	.038	-.244	-.535	306	-.359	.047	-.186	-.568
223	-.409	.037	-.257	-.536	307	-.399	.053	-.223	-.687
224	-.420	.036	-.265	-.545	308	-.390	.044	-.234	-.601
225	-.421	.037	-.280	-.558	309	-.380	.041	-.241	-.565
226	-.427	.038	-.273	-.564	310	-.376	.041	-.250	-.538
227	-.421	.043	-.240	-.565	311	-.368	.041	-.241	-.531
228	-.429	.055	-.227	-1.012	312	-.366	.041	-.214	-.502
229	-.418	.041	-.265	-.536	313	-.411	.055	-.237	-.740
230	-.415	.040	-.281	-.587	314	-.405	.042	-.280	-.661
231	-.420	.039	-.301	-.562	315	-.398	.038	-.270	-.591
232	-.433	.039	-.306	-.641	316	-.395	.038	-.283	-.580
233	-.445	.043	-.290	-.723	317	-.385	.038	-.273	-.557
234	-.436	.049	-.248	-.678	318	-.379	.044	-.185	-.533
235	-.441	.060	-.237	-.699	319	-.426	.054	-.233	-.841
236	-.449	.044	-.299	-.663	320	-.420	.046	-.270	-.626
237	-.460	.041	-.321	-.589	321	-.410	.042	-.280	-.594
238	-.459	.041	-.337	-.643	322	-.402	.043	-.257	-.565
239	-.465	.043	-.353	-.730	323	-.395	.044	-.257	-.568
240	-.471	.046	-.299	-.650	324	-.394	.044	-.246	-.574
241	-.466	.054	-.279	-.727	325	-.458	.060	-.237	-1.034
242	-.466	.065	-.172	-1.040	326	-.449	.051	-.239	-.652
243	-.482	.046	-.341	-.672	327	-.441	.046	-.278	-.630
244	-.482	.046	-.348	-.708	328	-.437	.044	-.293	-.593
245	-.511	.062	-.353	-1.002	329	-.425	.046	-.279	-.588
246	-.509	.060	-.328	-.828	330	-.426	.050	-.228	-.688
247	-.497	.053	-.286	-.707	331	-.470	.056	-.263	-.893
248	-.491	.054	-.268	-.710	332	-.451	.049	-.294	-.761
249	-.501	.065	-.152	-.842	333	-.442	.045	-.301	-.652
250	-.476	.055	-.306	-.692	334	-.442	.045	-.286	-1.004
251	-.476	.053	-.315	-.683	335	-.449	.046	-.294	-.623
252	-.479	.050	-.335	-.683	336	-.437	.046	-.277	-.592
253	-.479	.047	-.330	-.752	337	-.501	.067	-.315	-1.083
254	-.454	.057	-.150	-.739	338	-.492	.057	-.312	-.910
255	-.435	.070	-.051	-.756	339	-.487	.054	-.299	-.786
256	-.449	.083	-.114	-.911	340	-.473	.051	-.324	-.708
301	-.390	.066	-.194	-.838	341	-.465	.050	-.252	-.698

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 15

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.466	.050	-.228	-.705	428	.088	.078	.380	-.136
343	-.510	.081	-.237	-1.230	429	-.102	.056	.116	-.266
344	-.492	.070	-.286	-.948	430	-.305	.037	-.149	-.429
345	-.480	.062	-.297	-.746	431	.225	.191	.743	-.419
346	-.478	.058	-.295	-.707	432	.282	.126	.658	-.502
347	-.475	.057	-.245	-.790	433	.234	.086	.585	-.076
348	-.465	.056	-.199	-.708	434	.103	.075	.400	-.116
349	-.513	.133	-.254	-2.098	435	-.110	.058	.100	-.319
350	-.500	.100	-.259	-1.276	436	-.348	.044	-.197	-.482
351	-.473	.081	-.281	-1.185	437	.213	.093	.591	-.192
352	-.453	.071	-.248	-.806	438	.382	.097	.737	-.034
353	-.439	.073	-.194	-.730	439	.326	.103	.708	.033
354	-.447	.072	-.216	-.736	440	.092	.092	.516	-.150
401	-.155	.189	.411	-.646	441	-.433	.053	-.245	-.638
402	-.036	.103	.214	-.739	442	-.456	.054	-.188	-.629
403	-.112	.063	.139	-.343	443	.168	.089	.493	-.185
404	-.153	.059	.077	-.346	444	-.224	.007	-.197	-.252
405	-.224	.049	-.068	-.411	445	.022	.072	.301	-.232
406	-.307	.037	-.186	-.454	446	-.501	.063	-.299	-.940
407	.158	.243	.840	-.492	447	-.523	.122	.031	-1.078
408	.282	.186	.661	-.786	448	-.335	.107	-.020	-.890
409	.219	.078	.515	-.140	449	-.406	.050	-.250	-.710
410	.069	.066	.338	-.132	450	-.494	.063	-.303	-.853
411	-.109	.048	.085	-.256	451	-.483	.048	-.319	-.661
412	-.300	.034	-.172	-.422	501	-.526	.204	-.087	-1.994
413	.173	.249	.844	-.447	502	-.363	.055	-.186	-.652
414	.280	.206	.730	-.679	503	-.362	.055	-.179	-.564
415	.246	.086	.577	-.130	504	-.400	.074	-.191	-.880
416	.111	.075	.398	-.119					
417	-.077	.053	.129	-.240					
418	-.297	.036	-.175	-.409					
419	.260	.237	.859	-.535					
420	.338	.189	.766	-.577					
421	.275	.097	.574	-.087					
422	.128	.083	.424	-.113					
423	-.079	.060	.140	-.244					
424	-.304	.037	-.120	-.431					
425	.250	.223	.798	-.609					
426	.300	.163	.700	-.664					
427	.241	.093	.604	-.341					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 30

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.098	.075	.168	-.411	141	.296	.124	.737	-.060
102	.080	.087	.329	-.275	142	.271	.139	.700	-.224
103	.184	.102	.521	-.198	143	-.337	.081	.071	-.706
104	.243	.111	.569	-.172	144	-.129	.075	.258	-.364
105	.269	.118	.578	-.151	145	-.013	.070	.320	-.234
106	.241	.107	.546	-.121	146	.098	.074	.373	-.133
107	.243	.109	.546	-.161	147	.172	.088	.457	-.183
108	-.033	.076	.249	-.344	148	.205	.103	.575	-.196
109	.308	.105	.658	-.140	149	.164	.142	.732	-.581
110	.506	.119	.871	-.015	150	-.376	.067	-.199	-.696
111	.613	.126	1.017	.072	151	-.177	.056	-.017	-.466
112	.656	.127	.987	.177	152	-.042	.055	.149	-.315
113	.636	.130	1.082	.195	153	.064	.060	.285	-.184
114	.412	.119	.877	.038	154	.133	.064	.361	-.097
115	-.069	.085	.246	-.427	155	.136	.066	.426	-.071
116	.272	.114	.667	-.254	156	.102	.066	.411	-.116
117	.453	.130	.883	-.018	157	-.264	.085	.134	-.657
118	.572	.135	.981	.110	158	-.011	.072	.306	-.225
119	.629	.135	1.020	.121	159	.136	.079	.429	-.072
120	.613	.126	1.028	.142	160	.233	.090	.643	.014
121	.407	.138	.875	-.107	161	.269	.096	.657	.014
122	-.115	.094	.346	-.487	162	.252	.088	.726	.006
123	.197	.132	.684	-.228	163	.058	.083	.749	-.240
124	.368	.146	.871	-.053	201	-.375	.056	-.158	-.554
125	.483	.142	.910	.072	202	-.389	.053	-.214	-.626
126	.546	.140	1.038	.133	203	-.389	.051	-.238	-.657
127	.552	.140	.996	.134	204	-.409	.053	-.245	-.706
128	.385	.145	.871	-.119	205	-.413	.054	-.234	-.626
129	-.184	.105	.148	-.593	206	-.427	.059	-.238	-.678
130	.103	.139	.516	-.373	207	-.420	.061	-.240	-.743
131	.257	.146	.741	-.234	208	-.381	.043	-.241	-.515
132	.324	.010	.356	.273	209	-.387	.042	-.254	-.512
133	.392	.144	.807	-.026	210	-.404	.047	-.240	-.587
134	.415	.143	.851	-.062	211	-.396	.048	-.255	-.578
135	.307	.148	.832	-.142	212	-.394	.049	-.234	-.574
136	-.252	.106	.143	-.688	213	-.396	.053	-.148	-.584
137	-.029	.120	.571	-.312	214	-.424	.064	-.212	-.716
138	.116	.111	.729	-.157	215	-.396	.047	-.235	-.602
139	.205	.104	.673	-.094	216	-.405	.046	-.258	-.620
140	.263	.106	.670	-.078	217	-.407	.045	-.272	-.631

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 30

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.411	.051	-.235	-.667	302	-.447	.073	-.217	-.783
219	-.404	.054	-.162	-.661	303	-.429	.064	-.212	-.771
220	-.408	.049	-.279	-.603	304	-.422	.043	-.288	-.569
221	-.425	.065	-.205	-.746	305	-.405	.059	-.223	-.639
222	-.414	.050	-.186	-.937	306	-.400	.064	-.180	-.706
223	-.418	.048	-.248	-.617	307	-.480	.096	-.270	-1.298
224	-.430	.048	-.270	-.605	308	-.469	.083	-.285	-1.218
225	-.427	.050	-.218	-.612	309	-.438	.065	-.263	-.865
226	-.426	.049	-.199	-.614	310	-.423	.061	-.218	-.792
227	-.426	.058	-.100	-.737	311	-.411	.059	-.242	-.801
228	-.452	.071	-.195	-1.038	312	-.408	.058	-.232	-.801
229	-.419	.049	-.247	-.605	313	-.498	.121	-.273	-2.037
230	-.424	.049	-.251	-.611	314	-.475	.081	-.261	-1.145
231	-.425	.050	-.285	-.611	315	-.453	.065	-.251	-.758
232	-.435	.053	-.268	-.682	316	-.440	.060	-.233	-.694
233	-.439	.048	-.245	-.592	317	-.423	.059	-.218	-.731
234	-.444	.055	-.172	-.721	318	-.420	.056	-.256	-.637
235	-.458	.066	-.206	-.764	319	-.520	.110	-.284	-1.737
236	-.438	.053	-.176	-.678	320	-.505	.081	-.306	-1.074
237	-.448	.060	-.272	-.716	321	-.477	.068	-.282	-.900
238	-.457	.062	-.287	-1.057	322	-.465	.067	-.215	-.822
239	-.457	.059	-.204	-.764	323	-.451	.065	-.195	-.805
240	-.459	.055	-.277	-.687	324	-.448	.063	-.192	-.716
241	-.469	.061	-.215	-.815	325	-.546	.141	-.230	-1.922
242	-.495	.075	-.240	-.839	326	-.534	.107	-.281	-1.263
243	-.493	.104	-.169	-1.377	327	-.511	.087	-.272	-1.092
244	-.484	.075	-.221	-.892	328	-.503	.079	-.281	-.964
245	-.483	.076	-.176	-1.154	329	-.488	.074	-.290	-.838
246	-.466	.067	-.150	-.770	330	-.485	.066	-.232	-.823
247	-.448	.067	-.142	-.806	331	-.557	.155	-.215	-1.924
248	-.462	.080	-.187	-.867	332	-.536	.119	-.163	-1.313
249	-.500	.106	-.167	-1.101	333	-.514	.103	-.161	-1.287
250	-.428	.075	-.184	-.955	334	-.510	.099	-.214	-1.323
251	-.436	.076	-.197	-.809	335	-.502	.083	-.288	-1.206
252	-.416	.079	-.086	-.749	336	-.495	.078	-.281	-1.060
253	-.392	.080	-.032	-.652	337	-.564	.161	-.135	-1.723
254	-.416	.099	-.086	-.965	338	-.557	.128	-.170	-1.302
255	-.435	.123	-.101	-1.233	339	-.549	.126	-.021	-1.547
256	-.450	.132	-.116	-1.126	340	-.542	.120	-.189	-1.478
301	-.463	.103	-.230	-1.492	341	-.526	.105	-.262	-1.360

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 30

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.523	.098	-.257	-1.450	428	-.011	.087	.274	-.822
343	-.563	.185	-.140	-1.718	429	-.172	.051	.039	-.498
344	-.547	.145	-.122	-1.609	430	-.339	.043	-.184	-.468
345	-.549	.142	-.225	-1.392	431	-.077	.240	.579	-.982
346	-.548	.132	-.193	-1.639	432	.062	.232	.549	-1.141
347	-.535	.114	-.215	-1.414	433	.108	.111	.421	-.618
348	-.526	.106	-.262	-1.214	434	.011	.070	.259	-.435
349	-.467	.181	.024	-1.611	435	-.173	.052	.036	-.393
350	-.480	.173	.094	-1.345	436	-.360	.053	-.165	-.665
351	-.472	.217	.333	-2.121	437	.204	.140	.658	-.648
352	-.517	.185	.069	-1.907	438	.338	.118	.740	-.270
353	-.519	.170	-.086	-2.091	439	.232	.090	.678	-.111
354	-.516	.154	-.129	-1.613	440	.009	.072	.296	-.245
401	-.462	.099	-.104	-.931	441	-.410	.067	-.066	-.695
402	-.478	.145	.059	-.994	442	-.431	.076	-.120	-1.038
403	-.273	.155	.053	-.878	443	.199	.109	.721	-.112
404	-.229	.080	.013	-.694	444	.101	.006	.122	.077
405	-.282	.049	-.071	-.563	445	.015	.077	.468	-.214
406	-.340	.045	-.187	-.536	446	-.482	.061	-.262	-.807
407	-.381	.177	.426	-.961	447	-.493	.114	-.041	-1.085
408	-.406	.260	.501	-1.423	448	-.294	.072	-.021	-.747
409	-.104	.292	.462	-1.096	449	-.387	.061	-.182	-.676
410	-.009	.113	.342	-.909	450	-.457	.078	-.178	-.860
411	-.146	.055	.123	-.551	451	-.420	.069	-.148	-.656
412	-.316	.044	-.156	-.544	501	-.565	.097	-.217	-1.126
413	-.311	.211	.527	-1.062	502	-.421	.067	-.189	-.798
414	-.308	.305	.541	-1.478	503	-.419	.070	-.212	-.822
415	-.016	.283	.507	-1.331	504	-.463	.086	-.239	-.988
416	.030	.113	.420	-.961					
417	-.125	.061	.177	-.732					
418	-.321	.044	-.150	-.562					
419	-.246	.251	.649	-1.555					
420	-.156	.325	.559	-1.997					
421	.057	.217	.486	-1.144					
422	.026	.094	.349	-.698					
423	-.140	.058	.117	-.475					
424	-.328	.050	-.091	-.575					
425	-.122	.273	.688	-1.248					
426	-.040	.297	.523	-1.334					
427	.056	.188	.416	-1.187					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 45

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.086	.097	.265	-.492	141	.315	.105	.714	-.014
102	.082	.102	.482	-.343	142	.006	.111	.443	-.386
103	.177	.110	.643	-.184	143	-.223	.094	.161	-.649
104	.190	.119	.681	-.221	144	.061	.093	.371	-.270
105	.171	.106	.542	-.250	145	.177	.094	.493	-.158
106	.091	.092	.458	-.239	146	.297	.106	.737	-.066
107	-.029	.097	.421	-.348	147	.349	.115	.773	.006
108	.025	.095	.364	-.303	148	.327	.108	.749	.038
109	.429	.119	.796	.063	149	.141	.099	.522	-.271
110	.607	.125	1.061	.219	150	-.387	.072	-.170	-.663
111	.659	.124	1.118	.274	151	-.138	.056	.077	-.395
112	.629	.120	1.060	.266	152	.032	.062	.297	-.242
113	.502	.115	.856	.096	153	.158	.086	.525	-.139
114	.118	.105	.511	-.259	154	.243	.099	.749	-.104
115	-.018	.097	.335	-.378	155	.237	.097	.704	-.124
116	.385	.121	.750	-.018	156	.177	.087	.531	-.119
117	.553	.123	.890	.191	157	-.284	.083	.023	-.583
118	.622	.122	1.005	.243	158	.013	.079	.363	-.253
119	.601	.118	.943	.184	159	.181	.088	.485	-.064
120	.471	.111	.828	.078	160	.301	.099	.663	.058
121	.090	.117	.605	-.395	161	.366	.106	.876	.023
122	-.030	.097	.368	-.452	162	.323	.093	.773	.034
123	.341	.124	.828	-.064	163	.052	.066	.395	-.155
124	.505	.132	1.024	.132	201	-.534	.082	-.210	-.861
125	.571	.122	.983	.182	202	-.542	.080	-.251	-.839
126	.560	.121	.980	.123	203	-.577	.073	-.331	-.804
127	.441	.116	.835	.014	204	-.618	.075	-.374	-.848
128	.074	.119	.528	-.361	205	-.612	.075	-.351	-.887
129	-.072	.100	.280	-.482	206	-.624	.081	-.262	-.928
130	.296	.122	.698	-.219	207	-.615	.089	-.305	-.997
131	.452	.125	.862	.051	208	-.541	.072	-.314	-.776
132	.310	.009	.345	.274	209	-.543	.070	-.314	-.784
133	.464	.124	.919	.067	210	-.564	.073	-.340	-.793
134	.367	.113	.795	-.070	211	-.559	.072	-.346	-.784
135	.041	.119	.606	-.406	212	-.561	.071	-.322	-.775
136	-.109	.110	.294	-.484	213	-.567	.074	-.312	-.979
137	.201	.124	.654	-.334	214	-.600	.096	-.294	-1.293
138	.359	.127	.810	-.070	215	-.491	.083	-.201	-.869
139	.424	.127	.859	.020	216	-.501	.079	-.216	-.833
140	.420	.120	.877	.051	217	-.505	.074	-.234	-.826

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 45

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.502	.066	-.317	-.749	302	-.640	.118	-.248	-1.427
219	-.493	.066	-.222	-.809	303	-.636	.101	-.366	-1.293
220	-.511	.076	-.221	-.827	304	-.633	.086	-.395	-1.213
221	-.559	.099	-.294	-1.033	305	-.613	.074	-.384	-.973
222	-.471	.083	-.206	-1.134	306	-.597	.077	-.363	-.966
223	-.471	.073	-.249	-.896	307	-.682	.175	-.188	-2.110
224	-.482	.065	-.263	-.758	308	-.662	.120	-.216	-1.506
225	-.474	.060	-.227	-.692	309	-.625	.098	-.294	-1.257
226	-.470	.060	-.219	-.749	310	-.610	.086	-.317	-1.428
227	-.482	.071	-.159	-.961	311	-.593	.076	-.348	-.984
228	-.542	.099	-.185	-1.087	312	-.590	.074	-.350	-.930
229	-.447	.077	-.194	-.992	313	-.691	.221	-.141	-2.308
230	-.450	.071	-.208	-.788	314	-.669	.140	-.084	-1.358
231	-.452	.067	-.222	-.719	315	-.613	.105	-.332	-1.173
232	-.456	.063	-.222	-.728	316	-.595	.085	-.321	-1.099
233	-.457	.065	-.231	-.718	317	-.576	.074	-.314	-.930
234	-.474	.079	-.208	-.926	318	-.580	.084	-.278	-1.129
235	-.519	.107	-.201	-1.153	319	-.694	.223	-.165	-2.203
236	-.474	.079	-.230	-.866	320	-.667	.154	-.065	-1.472
237	-.483	.084	-.278	-.926	321	-.612	.128	-.023	-1.649
238	-.490	.079	-.301	-.863	322	-.596	.105	-.336	-1.743
239	-.475	.070	-.282	-.856	323	-.575	.091	-.326	-1.346
240	-.473	.065	-.278	-.703	324	-.570	.086	-.317	-1.355
241	-.483	.082	-.179	-.822	325	-.690	.241	-.081	-2.367
242	-.528	.111	-.165	-1.067	326	-.655	.159	-.213	-1.668
243	-.515	.132	-.262	-1.656	327	-.613	.140	-.290	-1.628
244	-.479	.080	-.221	-.913	328	-.599	.100	-.396	-1.386
245	-.482	.075	-.115	-.782	329	-.576	.095	-.312	-1.129
246	-.468	.065	-.233	-.744	330	-.567	.098	-.312	-1.428
247	-.466	.069	-.235	-.719	331	-.673	.227	-.127	-2.366
248	-.489	.086	-.213	-.874	332	-.636	.156	-.120	-1.530
249	-.522	.127	-.127	-1.153	333	-.613	.141	-.188	-1.344
250	-.454	.079	-.197	-.834	334	-.603	.128	-.294	-1.464
251	-.452	.077	-.205	-.884	335	-.586	.110	-.309	-1.672
252	-.445	.069	-.201	-.753	336	-.575	.101	-.343	-1.175
253	-.455	.075	-.257	-.931	337	-.643	.233	-.077	-1.902
254	-.481	.114	-.188	-1.440	338	-.618	.165	-.068	-1.315
255	-.486	.139	-.208	-1.663	339	-.621	.151	-.022	-1.568
256	-.483	.129	-.169	-1.832	340	-.618	.137	-.088	-1.588
301	-.647	.146	-.021	-1.499	341	-.598	.122	-.289	-1.833

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 45

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.591	.111	-.323	-1.695	428	-.387	.295	.346	-1.376
343	-.557	.186	.124	-1.525	429	-.291	.175	.219	-1.044
344	-.557	.154	.025	-1.392	430	-.365	.094	-.039	-1.008
345	-.615	.161	-.070	-1.658	431	-.608	.248	.169	-1.747
346	-.649	.155	-.138	-1.396	432	-.686	.282	.402	-1.902
347	-.631	.140	-.188	-1.462	433	-.540	.352	.355	-1.519
348	-.614	.129	-.278	-1.521	434	-.219	.219	.318	-1.055
349	-.396	.126	.014	-1.478	435	-.217	.103	.156	-.698
350	-.390	.144	.086	-1.372	436	-.379	.075	-.088	-.764
351	-.469	.203	.185	-1.900	437	-.367	.260	.289	-1.503
352	-.563	.193	.373	-1.731	438	-.384	.337	.477	-1.491
353	-.577	.161	-.052	-1.930	439	-.193	.197	.474	-.886
354	-.565	.143	-.047	-1.390	440	-.189	.095	.109	-.899
401	-.736	.131	-.258	-1.236	441	-.366	.068	-.057	-.707
402	-.770	.129	-.188	-1.308	442	-.468	.107	-.083	-.996
403	-.752	.168	-.129	-1.335	443	.162	.093	.511	-.262
404	-.562	.200	-.021	-1.321	444	-.247	.007	-.226	-.282
405	-.416	.134	.009	-1.140	445	-.011	.081	.310	-.350
406	-.455	.083	-.146	-.799	446	-.457	.061	-.287	-.676
407	-.719	.134	-.243	-1.098	447	-.588	.098	-.271	-.987
408	-.730	.136	-.119	-1.449	448	-.447	.138	-.090	-.956
409	-.755	.232	.203	-1.671	449	-.439	.079	-.196	-.802
410	-.440	.337	.395	-1.572	450	-.471	.088	-.197	-.929
411	-.270	.218	.354	-1.263	451	-.447	.075	-.192	-.753
412	-.408	.120	-.003	-1.206	501	-.757	.120	-.357	-1.159
413	-.705	.150	-.131	-1.284	502	-.633	.086	-.377	-.963
414	-.746	.159	.119	-1.713	503	-.605	.124	-.204	-1.311
415	-.762	.262	.269	-1.807	504	-.646	.122	-.297	-1.350
416	-.426	.371	.457	-1.635					
417	-.257	.229	.330	-1.395					
418	-.371	.119	.144	-1.293					
419	-.643	.173	.032	-1.245					
420	-.696	.189	.092	-2.346					
421	-.664	.296	.336	-1.589					
422	-.424	.345	.423	-1.530					
423	-.278	.215	.282	-1.264					
424	-.367	.125	.077	-1.551					
425	-.618	.173	-.045	-1.281					
426	-.656	.201	.077	-1.697					
427	-.612	.280	.291	-1.514					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.035	.117	.364	-.503	141	.240	.097	.653	-.054
102	.105	.101	.429	-.311	142	-.143	.120	.278	-.616
103	.206	.110	.540	-.184	143	-.188	.102	.143	-.523
104	.181	.110	.501	-.141	144	.117	.096	.530	-.217
105	.124	.099	.461	-.295	145	.195	.082	.501	-.051
106	.007	.086	.317	-.324	146	.283	.085	.603	.042
107	-.191	.080	.085	-.446	147	.327	.093	.743	.077
108	.089	.123	.518	-.338	148	.305	.094	.732	.048
109	.509	.128	.956	.046	149	.080	.099	.458	-.258
110	.624	.123	1.042	.191	150	-.452	.099	.018	-.824
111	.608	.119	1.005	.203	151	-.175	.072	.020	-.704
112	.519	.110	.910	.151	152	.015	.056	.221	-.211
113	.344	.099	.704	.042	153	.147	.071	.560	-.046
114	-.104	.080	.135	-.355	154	.229	.083	.695	-.012
115	.052	.123	.550	-.378	155	.232	.089	.707	-.003
116	.506	.128	.922	.094	156	.185	.091	.703	-.035
117	.619	.125	1.078	.228	157	-.197	.090	.154	-.489
118	.623	.115	1.135	.277	158	.087	.084	.358	-.123
119	.532	.104	.970	.217	159	.248	.095	.581	.040
120	.337	.090	.647	.060	160	.339	.094	.730	.109
121	-.112	.092	.323	-.423	161	.340	.085	.712	.123
122	.017	.129	.481	-.449	162	.299	.079	.626	.100
123	.447	.138	.882	.009	163	.050	.065	.326	-.161
124	.574	.134	1.039	.228	201	-.626	.112	-.295	-1.116
125	.566	.122	.942	.258	202	-.636	.105	-.278	-1.205
126	.498	.108	.853	.224	203	-.595	.092	-.263	-.975
127	.317	.094	.727	.072	204	-.572	.090	-.231	-.886
128	-.104	.090	.280	-.458	205	-.552	.084	-.244	-1.024
129	-.036	.126	.397	-.606	206	-.513	.088	-.234	-1.061
130	.389	.135	.809	.009	207	-.488	.082	-.177	-.790
131	.511	.131	.889	.161	208	-.556	.111	-.240	-.965
132	.301	.010	.335	.269	209	-.536	.096	-.275	-.919
133	.421	.110	.855	.121	210	-.556	.090	-.257	-.896
134	.276	.093	.696	.034	211	-.507	.072	-.238	-.879
135	-.104	.096	.211	-.386	212	-.501	.083	-.267	-1.082
136	-.084	.133	.351	-.517	213	-.497	.099	-.215	-1.222
137	.263	.139	.767	-.163	214	-.507	.133	-.090	-1.163
138	.397	.126	.849	.026	215	-.510	.133	-.074	-1.027
139	.429	.114	.842	.141	216	-.501	.113	-.184	-1.066
140	.402	.103	.776	.160	217	-.494	.092	-.139	-.918

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.488	.080	-.216	-.915	302	-.418	.115	.001	-1.163
219	-.488	.091	-.193	-1.268	303	-.541	.184	-.030	-1.232
220	-.511	.125	-.123	-1.198	304	-.885	.224	-.193	-1.738
221	-.539	.158	-.116	-1.208	305	-1.100	.204	-.527	-1.889
222	-.487	.131	-.093	-1.113	306	-1.092	.246	-.425	-2.971
223	-.471	.104	-.186	-.969	307	-.515	.210	.025	-1.935
224	-.471	.083	-.215	-.943	308	-.580	.208	.010	-1.229
225	-.456	.065	-.167	-.751	309	-.855	.232	.176	-1.684
226	-.481	.077	-.265	-.883	310	-1.004	.184	-.360	-1.964
227	-.499	.115	-.152	-1.217	311	-.954	.138	-.515	-1.629
228	-.543	.081	-.354	-.863	312	-.932	.127	-.534	-1.487
229	-.453	.110	-.165	-.934	313	-.627	.300	.133	-2.000
230	-.440	.090	-.200	-.877	314	-.671	.275	.190	-1.771
231	-.429	.074	-.204	-.777	315	-.880	.244	.033	-1.916
232	-.426	.058	-.249	-.695	316	-.947	.185	-.290	-1.773
233	-.437	.072	-.229	-.795	317	-.896	.154	-.437	-1.616
234	-.452	.103	-.156	-1.006	318	-.886	.168	-.457	-1.852
235	-.478	.135	-.077	-1.165	319	-.648	.311	.173	-2.366
236	-.438	.082	-.217	-.865	320	-.671	.237	.036	-1.642
237	-.446	.079	-.260	-.836	321	-.852	.263	.116	-2.011
238	-.448	.072	-.279	-.883	322	-.928	.218	.036	-2.002
239	-.432	.058	-.290	-.661	323	-.889	.182	-.170	-2.189
240	-.437	.070	-.247	-.755	324	-.871	.168	-.450	-1.702
241	-.449	.100	-.141	-1.183	325	-.607	.290	.026	-2.193
242	-.474	.130	-.113	-1.049	326	-.626	.255	.088	-1.583
243	-.478	.102	-.247	-1.208	327	-.819	.261	-.007	-1.886
244	-.444	.066	-.258	-.772	328	-.922	.198	-.283	-1.699
245	-.431	.051	-.288	-.678	329	-.892	.201	-.418	-2.064
246	-.421	.048	-.249	-.623	330	-.878	.194	-.379	-1.995
247	-.413	.055	-.235	-.680	331	-.521	.225	.093	-1.894
248	-.416	.068	-.186	-.748	332	-.541	.219	.172	-1.380
249	-.419	.093	-.158	-1.081	333	-.707	.238	-.018	-1.588
250	-.406	.062	-.227	-.764	334	-.850	.235	.159	-1.896
251	-.407	.059	-.238	-.772	335	-.874	.198	-.158	-2.064
252	-.414	.057	-.254	-.770	336	-.841	.176	-.406	-1.620
253	-.425	.076	-.247	-1.139	337	-.423	.142	-.011	-1.640
254	-.434	.096	-.238	-1.516	338	-.427	.179	.061	-1.514
255	-.418	.087	-.213	-1.241	339	-.525	.251	.116	-1.436
256	-.422	.084	-.211	-1.153	340	-.740	.270	.050	-1.663
301	-.459	.089	-.151	-.953	341	-.909	.262	-.034	-2.282

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.885	.225	-.408	-1.937	428	-.650	.292	.286	-1.647
343	-.401	.104	-.091	-1.285	429	-.419	.258	.369	-1.534
344	-.390	.122	-.036	-1.024	430	-.416	.191	.093	-1.332
345	-.437	.159	-.075	-1.181	431	-.873	.215	-.303	-1.915
346	-.539	.190	.004	-1.418	432	-.914	.265	-.165	-2.318
347	-.717	.212	-.023	-1.894	433	-.732	.331	.317	-2.173
348	-.821	.210	.007	-2.179	434	-.287	.282	.460	-1.251
349	-.369	.082	-.034	-.981	435	-.239	.139	.174	-.900
350	-.355	.095	.052	-.900	436	-.365	.088	-.029	-1.065
351	-.314	.159	.242	-1.276	437	-.526	.241	.288	-1.276
352	-.418	.197	.553	-1.403	438	-.566	.261	.226	-1.382
353	-.475	.152	.141	-1.509	439	-.318	.186	.208	-1.038
354	-.444	.140	0.000	-1.216	440	-.257	.112	.104	-.806
401	-.771	.107	-.457	-1.156	441	-.322	.076	.047	-.546
402	-.797	.108	-.529	-1.182	442	-.403	.106	-.079	-.906
403	-.818	.121	-.502	-1.288	443	.101	.097	.489	-.337
404	-.791	.155	-.088	-1.681	444	-.136	.006	-.111	-.159
405	-.628	.170	-.010	-1.308	445	.004	.088	.381	-.281
406	-.573	.144	-.189	-1.382	446	-.424	.046	-.308	-.610
407	-.771	.105	-.400	-1.107	447	-.547	.079	-.303	-.967
408	-.798	.122	.057	-1.243	448	-.377	.107	-.082	-.816
409	-.841	.130	-.416	-1.870	449	-.408	.070	-.200	-.761
410	-.816	.199	.190	-1.638	450	-.431	.068	-.226	-.745
411	-.620	.266	.238	-1.371	451	-.406	.054	-.229	-.607
412	-.556	.241	.180	-1.803	501	-.761	.110	-.470	-1.249
413	-.773	.124	-.405	-1.162	502	-.990	.139	-.573	-1.501
414	-.800	.129	-.405	-1.397	503	-.690	.146	-.279	-1.287
415	-.852	.174	-.120	-1.768	504	-.535	.106	-.226	-1.059
416	-.780	.270	.339	-1.713					
417	-.516	.309	.467	-1.377					
418	-.489	.255	.213	-1.896					
419	-.761	.136	-.348	-1.300					
420	-.784	.160	-.294	-2.338					
421	-.833	.210	.331	-1.652					
422	-.682	.324	.339	-1.886					
423	-.435	.312	.393	-1.686					
424	-.461	.270	.250	-2.105					
425	-.720	.143	-.319	-1.555					
426	-.769	.162	-.258	-1.886					
427	-.818	.241	.161	-2.141					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	.274	.128	.710	-.156	141	.090	.090	.448	-.157
102	.228	.107	.555	-.169	142	-.250	.117	.104	-.751
103	.207	.112	.535	-.162	143	.060	.158	.604	-.669
104	.142	.105	.494	-.249	144	.161	.095	.516	-.187
105	.020	.087	.325	-.348	145	.168	.068	.481	-.028
106	-.080	.072	.143	-.376	146	.212	.063	.538	.035
107	-.273	.061	-.050	-.497	147	.229	.071	.621	.042
108	.455	.145	.886	-.025	148	.196	.080	.634	0.000
109	.653	.130	1.034	.235	149	-.025	.108	.405	-.382
110	.637	.116	.970	.283	150	-.189	.147	.490	-.678
111	.543	.105	.843	.204	151	-.076	.078	.232	-.440
112	.401	.094	.704	.111	152	.030	.051	.194	-.223
113	.174	.078	.456	-.118	153	.112	.052	.295	-.090
114	-.207	.060	.015	-.483	154	.170	.060	.410	-.036
115	.424	.147	.857	-.074	155	.167	.073	.512	-.060
116	.635	.126	1.032	.262	156	.123	.080	.564	-.108
117	.614	.121	.978	.185	157	-.055	.073	.217	-.356
118	.545	.109	.866	.172	158	.120	.071	.379	-.085
119	.407	.098	.713	.071	159	.237	.084	.544	.031
120	.189	.082	.496	-.102	160	.300	.090	.633	.080
121	-.217	.069	.124	-.558	161	.300	.087	.703	.058
122	.354	.158	.821	-.271	162	.248	.075	.585	.032
123	.569	.139	.913	.128	163	.013	.066	.360	-.172
124	.565	.120	.913	.217	201	-.599	.082	-.286	-.977
125	.479	.121	.806	.061	202	-.613	.072	-.343	-.882
126	.365	.105	.722	.016	203	-.585	.062	-.370	-.789
127	.162	.090	.531	-.149	204	-.568	.058	-.382	-.741
128	-.219	.079	.087	-.548	205	-.554	.058	-.362	-.744
129	.248	.186	.863	-.277	206	-.479	.053	-.334	-.694
130	.444	.160	1.086	-.013	207	-.461	.053	-.308	-.681
131	.447	.135	.945	.085	208	-.609	.080	-.289	-.929
132	.293	.010	.322	.239	209	-.566	.068	-.316	-.872
133	.314	.108	.703	.015	210	-.550	.061	-.359	-.754
134	.145	.096	.542	-.128	211	-.521	.056	-.350	-.700
135	-.225	.091	.070	-.519	212	-.507	.052	-.344	-.669
136	.176	.191	.812	-.647	213	-.494	.050	-.327	-.663
137	.329	.145	.859	-.122	214	-.509	.060	-.336	-.732
138	.351	.113	.840	.058	215	-.596	.107	-.168	-1.072
139	.323	.094	.720	.070	216	-.537	.069	-.267	-.835
140	.260	.085	.646	.036	217	-.499	.062	-.230	-.792

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.482	.059	-.221	-.674	302	-.271	.042	-.087	-.472
219	-.459	.052	-.285	-.645	303	-.196	.047	.009	-.462
220	-.452	.050	-.264	-.662	304	-.161	.082	.066	-.771
221	-.441	.052	-.218	-.667	305	-.430	.231	.149	-1.084
222	-.573	.130	-.117	-1.140	306	-.580	.138	.211	-1.419
223	-.499	.092	-.187	-1.235	307	-.397	.047	-.242	-.572
224	-.466	.066	-.239	-.738	308	-.208	.044	-.031	-.482
225	-.440	.052	-.184	-.634	309	-.067	.076	.168	-.723
226	-.428	.048	-.264	-.614	310	-.106	.247	.326	-1.255
227	-.417	.047	-.229	-.577	311	-.457	.242	.322	-1.413
228	-.414	.050	-.181	-.580	312	-.464	.117	-.046	-.838
229	-.528	.122	-.157	-1.169	313	-.357	.042	-.209	-.627
230	-.468	.090	-.185	-1.225	314	-.198	.054	.087	-.628
231	-.434	.067	-.212	-.752	315	-.075	.103	.314	-.948
232	-.419	.050	-.266	-.600	316	-.142	.254	.313	-1.252
233	-.419	.041	-.294	-.552	317	-.477	.224	.435	-1.316
234	-.414	.040	-.275	-.541	318	-.473	.172	.043	-1.314
235	-.403	.042	-.259	-.534	319	-.341	.041	-.167	-.614
236	-.494	.096	-.242	-1.064	320	-.186	.051	.022	-.612
237	-.466	.081	-.207	-.905	321	-.091	.109	.205	-.915
238	-.454	.059	-.279	-.719	322	-.155	.276	.308	-1.419
239	-.437	.047	-.294	-.597	323	-.445	.274	.475	-1.574
240	-.434	.044	-.303	-.597	324	-.477	.183	.149	-1.336
241	-.429	.048	-.277	-.615	325	-.367	.046	-.183	-.677
242	-.424	.048	-.268	-.597	326	-.235	.110	.148	-1.242
243	-.463	.075	-.286	-1.044	327	-.124	.107	.302	-1.151
244	-.450	.060	-.299	-.717	328	-.142	.219	.204	-1.410
245	-.451	.051	-.305	-.654	329	-.391	.305	.384	-1.739
246	-.445	.047	-.296	-.617	330	-.485	.215	.391	-1.500
247	-.438	.047	-.297	-.613	331	-.361	.043	-.179	-.645
248	-.438	.047	-.305	-.615	332	-.219	.052	.007	-.643
249	-.443	.049	-.270	-1.084	333	-.117	.095	.142	-1.011
250	-.452	.065	-.285	-.748	334	-.139	.217	.222	-1.522
251	-.451	.060	-.305	-.745	335	-.355	.284	.432	-1.448
252	-.459	.058	-.307	-.708	336	-.450	.189	.488	-1.288
253	-.454	.064	-.309	-1.099	337	-.358	.042	-.181	-.628
254	-.449	.066	-.297	-.922	338	-.245	.055	.087	-.671
255	-.437	.062	-.286	-.911	339	-.162	.092	.122	-.898
256	-.441	.061	-.273	-.920	340	-.166	.174	.187	-1.155
301	-.381	.045	-.211	-.556	341	-.293	.275	.309	-1.269

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.409	.233	.430	-1.321	428	-.678	.144	-.229	-1.428
343	-.377	.044	-.246	-.549	429	-.638	.169	.092	-1.343
344	-.276	.048	-.091	-.491	430	-.659	.234	-.004	-1.842
345	-.202	.066	.030	-.580	431	-.730	.193	-.362	-1.899
346	-.206	.104	.087	-.830	432	-.724	.187	-.379	-2.346
347	-.285	.182	.235	-1.057	433	-.738	.181	-.139	-1.720
348	-.377	.213	.379	-1.278	434	-.656	.169	.161	-1.310
349	-.357	.050	-.190	-.582	435	-.544	.174	.122	-1.317
350	-.308	.052	-.118	-.578	436	-.506	.182	.157	-1.471
351	-.186	.050	.111	-.419	437	-.498	.225	.209	-1.726
352	-.048	.099	.399	-.514	438	-.669	.192	-.055	-1.487
353	-.121	.121	.436	-.865	439	-.542	.150	.009	-1.079
354	-.146	.093	.305	-.835	440	-.472	.162	.183	-1.216
401	-.624	.062	-.443	-.872	441	-.401	.091	.065	-1.011
402	-.637	.064	-.443	-.895	442	-.427	.081	-.144	-1.027
403	-.648	.070	-.426	-.954	443	.031	.111	.547	-.599
404	-.654	.075	-.409	-1.068	444	-.682	.007	-.660	-.706
405	-.644	.085	-.376	-.985	445	-.038	.093	.320	-.432
406	-.665	.117	-.271	-1.413	446	-.460	.051	-.286	-.665
407	-.617	.060	-.417	-.850	447	-.591	.103	-.220	-.972
408	-.646	.061	-.451	-.866	448	-.491	.156	-.035	-1.277
409	-.649	.065	-.438	-.941	449	-.465	.096	-.179	-.961
410	-.664	.084	-.386	-1.049	450	-.477	.093	-.211	-.929
411	-.676	.113	-.181	-1.127	451	-.444	.061	-.266	-.724
412	-.714	.170	-.040	-1.704	501	-.633	.066	-.445	-.879
413	-.632	.071	-.391	-.971	502	-.630	.110	-.282	-1.895
414	-.645	.073	-.391	-.996	503	-.659	.100	-.190	-1.161
415	-.654	.084	-.406	-1.292	504	-.516	.059	-.332	-.740
416	-.683	.106	-.376	-1.196					
417	-.700	.141	-.137	-1.339					
418	-.727	.216	-.106	-1.946					
419	-.633	.080	-.395	-1.260					
420	-.651	.093	-.351	-1.238					
421	-.667	.113	-.364	-1.443					
422	-.690	.140	.007	-1.367					
423	-.673	.184	.066	-1.385					
424	-.732	.266	.106	-2.140					
425	-.662	.108	-.358	-1.242					
426	-.685	.118	-.348	-1.450					
427	-.713	.145	-.389	-1.457					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	.219	.136	.612	-.371	141	-.034	.058	.236	-.208
102	.062	.111	.428	-.293	142	-.315	.061	-.086	-.582
103	.137	.097	.447	-.214	143	.326	.119	.772	-.186
104	.034	.081	.265	-.262	144	.269	.077	.568	.042
105	-.115	.067	.116	-.379	145	.177	.056	.407	.015
106	-.202	.058	.010	-.397	146	.157	.054	.403	.021
107	-.378	.050	-.173	-.543	147	.125	.057	.384	-.009
108	.629	.133	1.091	.076	148	.061	.061	.343	-.111
109	.552	.139	.976	.012	149	-.132	.068	.146	-.422
110	.477	.099	.855	.189	150	.208	.104	.642	-.204
111	.346	.086	.678	.104	151	.123	.060	.366	-.125
112	.196	.075	.480	-.021	152	.071	.043	.267	-.138
113	-.033	.056	.173	-.192	153	.076	.041	.267	-.075
114	-.340	.047	-.146	-.498	154	.098	.039	.283	-.022
115	.620	.129	.980	.139	155	.069	.041	.277	-.053
116	.572	.112	.961	.223	156	.040	.047	.250	-.144
117	.469	.097	.748	.183	157	.088	.119	.655	-.236
118	.359	.082	.646	.120	158	.093	.063	.372	-.144
119	.197	.069	.467	.013	159	.091	.058	.410	-.186
120	-.011	.057	.211	-.174	160	.141	.096	.552	-.067
121	-.351	.051	-.108	-.552	161	.143	.106	.551	-.129
122	.582	.141	1.077	.183	162	.094	.099	.441	-.151
123	.549	.118	.930	.237	163	-.150	.099	.300	-.415
124	.456	.100	.798	.193	201	-.627	.070	-.400	-.949
125	.323	.081	.583	.110	202	-.632	.065	-.441	-1.039
126	.186	.066	.423	.007	203	-.594	.058	-.409	-.907
127	-.025	.055	.186	-.204	204	-.588	.055	-.409	-.785
128	-.338	.053	-.111	-.554	205	-.583	.055	-.381	-.790
129	.526	.133	.901	.007	206	-.507	.052	-.343	-.724
130	.510	.111	.842	.196	207	-.476	.054	-.297	-.707
131	.422	.094	.713	.163	208	-.598	.063	-.378	-.845
132	.289	.007	.315	.261	209	-.575	.058	-.393	-.823
133	.143	.066	.385	-.029	210	-.585	.054	-.379	-.841
134	-.029	.055	.204	-.202	211	-.553	.051	-.388	-.728
135	-.337	.055	-.123	-.574	212	-.540	.050	-.344	-.725
136	.425	.134	.910	-.075	213	-.524	.049	-.303	-.702
137	.403	.113	.763	.136	214	-.530	.051	-.345	-.693
138	.341	.092	.642	.125	215	-.595	.071	-.164	-.969
139	.254	.077	.564	.050	216	-.563	.068	-.162	-.894
140	.148	.065	.489	-.038	217	-.532	.060	-.291	-.811

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.517	.051	-.323	-.778	302	-.122	.065	.072	-.354
219	-.495	.044	-.258	-.719	303	-.018	.075	.233	-.298
220	-.488	.044	-.311	-.649	304	.037	.087	.317	-.261
221	-.478	.045	-.300	-.637	305	.064	.101	.357	-.283
222	-.575	.077	-.291	-.913	306	.129	.198	.595	-.764
223	-.512	.066	-.254	-.819	307	-.331	.043	-.165	-.485
224	-.488	.055	-.308	-.741	308	-.030	.061	.193	-.252
225	-.475	.045	-.314	-.654	309	.176	.082	.468	-.068
226	-.479	.039	-.353	-.629	310	.311	.096	.614	.040
227	-.466	.039	-.345	-.624	311	.444	.117	.817	-.146
228	-.464	.040	-.338	-.621	312	.457	.217	.977	-.263
229	-.556	.073	-.286	-.918	313	-.297	.042	-.140	-.435
230	-.504	.060	-.316	-.875	314	-.036	.060	.179	-.236
231	-.472	.051	-.308	-.828	315	.169	.080	.440	-.084
232	-.461	.041	-.293	-.611	316	.307	.098	.648	-.028
233	-.460	.039	-.329	-.583	317	.422	.130	.865	-.388
234	-.457	.039	-.327	-.581	318	.381	.235	.969	-.546
235	-.449	.039	-.312	-.574	319	-.302	.039	-.162	-.444
236	-.559	.074	-.286	-.851	320	-.040	.062	.184	-.229
237	-.506	.056	-.347	-.730	321	.134	.084	.428	-.115
238	-.481	.045	-.336	-.669	322	.271	.095	.583	-.077
239	-.467	.039	-.344	-.600	323	.379	.135	.789	-.280
240	-.466	.040	-.338	-.596	324	.355	.223	.894	-.354
241	-.460	.038	-.347	-.635	325	-.321	.042	-.156	-.450
242	-.459	.038	-.349	-.630	326	-.066	.059	.193	-.239
243	-.487	.058	-.299	-.708	327	.121	.079	.437	-.111
244	-.479	.051	-.308	-.672	328	.247	.095	.584	-.058
245	-.480	.047	-.310	-.656	329	.341	.140	.795	-.457
246	-.480	.043	-.347	-.630	330	.278	.230	.872	-.395
247	-.471	.042	-.340	-.646	331	-.323	.039	-.163	-.483
248	-.468	.043	-.331	-.635	332	-.085	.058	.143	-.332
249	-.464	.046	-.306	-.617	333	.099	.080	.355	-.191
250	-.512	.059	-.331	-.732	334	.210	.102	.542	-.236
251	-.505	.055	-.349	-.719	335	.297	.132	.747	-.355
252	-.506	.052	-.362	-.769	336	.281	.208	.845	-.332
253	-.504	.046	-.362	-.656	337	-.319	.042	-.139	-.462
254	-.495	.046	-.344	-.665	338	-.113	.053	.186	-.254
255	-.480	.045	-.327	-.652	339	.057	.072	.377	-.130
256	-.482	.045	-.321	-.659	340	.162	.085	.537	-.069
301	-.301	.048	-.139	-.466	341	.264	.106	.682	-.071

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.293	.165	.795	-.329	428	-.612	.071	-.357	-.971
343	-.349	.042	-.163	-.492	429	-.645	.091	-.334	-1.161
344	-.157	.050	.100	-.295	430	-.650	.116	-.273	-1.733
345	.002	.063	.282	-.169	431	-.600	.080	-.344	-.968
346	.098	.076	.414	-.126	432	-.611	.084	-.397	-1.202
347	.195	.100	.568	-.095	433	-.632	.088	-.397	-1.254
348	.261	.125	.721	-.210	434	-.636	.097	-.366	-1.319
349	-.360	.044	-.167	-.507	435	-.638	.099	-.097	-1.113
350	-.253	.049	-.024	-.459	436	-.661	.139	-.171	-1.491
351	-.181	.043	.054	-.314	437	-.392	.093	-.117	-1.085
352	.054	.068	.344	-.169	438	-.626	.122	-.323	-1.374
353	.114	.109	.440	-.325	439	-.627	.093	-.362	-1.157
354	.126	.149	.554	-.403	440	-.613	.093	-.180	-1.109
401	-.611	.057	-.440	-.797	441	-.546	.074	-.225	-.845
402	-.625	.057	-.460	-.814	442	-.555	.087	-.262	-.971
403	-.640	.059	-.468	-.845	443	-.050	.068	.186	-.342
404	-.650	.065	-.460	-.912	444	-.531	.006	-.509	-.554
405	-.638	.069	-.356	-.975	445	-.032	.089	.199	-.555
406	-.650	.076	-.378	-1.164	446	-.541	.057	-.342	-.749
407	-.604	.053	-.426	-.810	447	-.668	.095	-.344	-1.126
408	-.627	.055	-.440	-.860	448	-.679	.124	-.199	-1.482
409	-.622	.057	-.438	-.890	449	-.591	.098	-.273	-1.027
410	-.630	.060	-.447	-.851	450	-.546	.079	-.303	-.934
411	-.627	.066	-.379	-.894	451	-.517	.060	-.353	-.752
412	-.651	.082	-.170	-1.077	501	-.601	.057	-.375	-.800
413	-.605	.054	-.423	-.806	502	-.748	.218	-.102	-2.330
414	-.615	.055	-.422	-.854	503	-.661	.076	-.420	-1.048
415	-.622	.056	-.423	-.842	504	-.467	.059	-.276	-.667
416	-.634	.064	-.385	-1.034					
417	-.637	.079	-.193	-.993					
418	-.647	.108	.094	-1.456					
419	-.589	.060	-.382	-.832					
420	-.602	.061	-.404	-.845					
421	-.606	.062	-.420	-.847					
422	-.632	.069	-.406	-1.052					
423	-.649	.089	-.381	-1.152					
424	-.667	.111	-.032	-1.652					
425	-.591	.062	-.385	-1.055					
426	-.604	.063	-.397	-1.086					
427	-.614	.066	-.418	-1.090					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.354	.212	.323	-1.080	141	-.145	.037	.027	-.257
102	-.031	.110	.204	-.816	142	-.331	.051	-.126	-.507
103	-.003	.061	.181	-.244	143	-.022	.182	.664	-.754
104	-.059	.052	.126	-.244	144	.087	.155	.446	-.696
105	-.141	.044	.033	-.297	145	.082	.045	.234	-.213
106	-.185	.044	-.040	-.425	146	.052	.034	.203	-.056
107	-.240	.069	.050	-.545	147	.006	.034	.195	-.082
108	.017	.173	.643	-.589	148	-.063	.036	.171	-.178
109	.222	.195	.577	-.860	149	-.211	.047	-.030	-.391
110	.245	.063	.446	-.306	150	.012	.174	.563	-.521
111	.146	.051	.327	-.020	151	.090	.089	.336	-.407
112	.042	.045	.222	-.094	152	.042	.030	.154	-.096
113	-.093	.044	.094	-.238	153	.003	.031	.145	-.148
114	-.208	.073	.219	-.452	154	.008	.030	.169	-.161
115	.063	.193	.783	-.576	155	-.025	.032	.117	-.178
116	.202	.206	.591	-.684	156	-.062	.063	.145	-.300
117	.228	.069	.461	-.160	157	.080	.151	.801	-.467
118	.148	.052	.335	-.006	158	.114	.080	.525	-.271
119	.039	.045	.203	-.100	159	.060	.036	.218	-.088
120	-.070	.049	.155	-.236	160	.025	.035	.189	-.105
121	-.188	.087	.186	-.443	161	-.017	.037	.145	-.163
122	.088	.214	.761	-.525	162	-.081	.039	.079	-.210
123	.204	.202	.649	-.536	163	-.321	.059	-.119	-.541
124	.227	.075	.501	-.181	201	-.490	.084	-.212	-.924
125	.130	.055	.384	-.067	202	-.503	.071	-.274	-.941
126	.038	.047	.230	-.102	203	-.481	.057	-.309	-.869
127	-.086	.052	.136	-.230	204	-.479	.045	-.343	-.690
128	-.221	.088	.273	-.467	205	-.471	.040	-.335	-.617
129	.046	.198	.748	-.652	206	-.448	.042	-.297	-.600
130	.187	.189	.646	-.615	207	-.425	.042	-.259	-.580
131	.201	.068	.487	-.233	208	-.511	.064	-.329	-.831
132	.284	.009	.324	.256	209	-.496	.056	-.314	-.754
133	.001	.049	.271	-.495	210	-.489	.044	-.326	-.675
134	-.111	.049	.104	-.231	211	-.453	.040	-.320	-.614
135	-.284	.082	.012	-.483	212	-.444	.040	-.320	-.597
136	.014	.196	.649	-.580	213	-.442	.040	-.314	-.586
137	.134	.170	.466	-.740	214	-.442	.043	-.262	-.576
138	.160	.062	.367	-.361	215	-.526	.098	-.199	-1.570
139	.087	.045	.259	-.047	216	-.511	.077	-.252	-1.019
140	-.002	.041	.212	-.107	217	-.474	.047	-.286	-.661

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.458	.042	-.281	-.619	302	.075	.073	.352	-.225
219	-.438	.042	-.239	-.620	303	.204	.087	.551	-.113
220	-.436	.043	-.230	-.616	304	.267	.104	.750	-.091
221	-.431	.043	-.222	-.614	305	.246	.112	.759	-.099
222	-.551	.117	-.136	-1.441	306	.368	.122	.726	-.027
223	-.516	.081	-.172	-.944	307	-.136	.049	.074	-.295
224	-.486	.052	-.264	-.734	308	.214	.082	.494	-.041
225	-.463	.045	-.289	-.631	309	.427	.103	.745	.119
226	-.460	.047	-.292	-.598	310	.550	.120	.953	.166
227	-.444	.047	-.277	-.591	311	.651	.129	1.021	.164
228	-.444	.049	-.270	-.588	312	.607	.127	.958	.166
229	-.535	.108	-.209	-1.383	313	-.150	.055	.060	-.320
230	-.504	.081	-.259	-.924	314	.193	.082	.455	-.040
231	-.470	.056	-.268	-.818	315	.419	.105	.716	.109
232	-.451	.046	-.278	-.607	316	.556	.121	.887	.221
233	-.436	.043	-.235	-.574	317	.641	.131	1.003	.256
234	-.431	.044	-.218	-.572	318	.559	.124	.959	.166
235	-.422	.045	-.218	-.566	319	-.170	.056	.065	-.323
236	-.510	.090	-.255	-1.081	320	.163	.088	.511	-.087
237	-.465	.063	-.250	-.870	321	.362	.107	.695	.049
238	-.450	.047	-.315	-.603	322	.498	.117	.854	.186
239	-.440	.044	-.309	-.633	323	.591	.124	.934	.247
240	-.438	.044	-.309	-.594	324	.547	.119	.990	.208
241	-.441	.050	-.267	-.596	325	-.193	.053	-.006	-.357
242	-.438	.050	-.274	-.596	326	.126	.081	.426	-.140
243	-.501	.069	-.257	-1.166	327	.329	.105	.676	.013
244	-.494	.065	-.202	-.835	328	.449	.122	.812	.125
245	-.493	.054	-.315	-.694	329	.524	.137	.953	.155
246	-.491	.051	-.331	-.700	330	.475	.122	.950	.072
247	-.480	.049	-.322	-.700	331	-.200	.051	-.009	-.337
248	-.476	.047	-.320	-.635	332	.091	.079	.409	-.159
249	-.471	.051	-.328	-.650	333	.284	.099	.629	.031
250	-.512	.093	-.250	-1.164	334	.388	.112	.787	.102
251	-.495	.087	-.161	-.924	335	.456	.113	.839	.196
252	-.506	.076	-.213	-.863	336	.430	.110	.826	.144
253	-.521	.075	-.346	-.851	337	-.228	.052	-.024	-.385
254	-.513	.077	-.324	-.946	338	.034	.070	.329	-.155
255	-.485	.067	-.267	-.796	339	.230	.094	.598	-.076
256	-.482	.064	-.283	-.727	340	.334	.105	.711	.061
301	-.147	.051	.041	-.339	341	.418	.116	.833	.133

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.388	.112	.818	.067	428	-.453	.149	.255	-.816
343	-.278	.052	-.054	-.450	429	-.376	.178	.476	-.833
344	-.024	.064	.274	-.233	430	-.404	.137	.383	-.909
345	.153	.073	.468	-.035	431	-.475	.070	-.159	-.802
346	.248	.082	.552	.056	432	-.493	.063	-.307	-.783
347	.324	.096	.692	.102	433	-.529	.065	-.344	-.814
348	.320	.098	.764	.041	434	-.530	.071	-.159	-.840
349	-.293	.055	-.106	-.503	435	-.501	.103	.204	-.935
350	-.158	.057	.074	-.400	436	-.509	.125	.130	-1.024
351	-.038	.069	.231	-.257	437	-.324	.070	-.109	-.790
352	.213	.086	.589	.019	438	-.539	.113	-.137	-1.035
353	.262	.077	.629	.070	439	-.522	.075	-.307	-.848
354	.227	.066	.498	-.031	440	-.529	.071	-.283	-.850
401	-.279	.090	.035	-.611	441	-.501	.062	-.128	-.744
402	-.327	.088	.010	-.769	442	-.506	.068	-.298	-.826
403	-.450	.083	-.147	-.885	443	-.111	.060	.111	-.437
404	-.463	.084	-.125	-.977	444	.135	.008	.168	.106
405	-.457	.076	-.174	-.850	445	-.126	.135	.220	-.746
406	-.466	.077	-.222	-.959	446	-.530	.064	-.344	-.824
407	-.275	.097	.149	-.569	447	-.635	.109	-.346	-1.040
408	-.347	.084	.031	-.656	448	-.660	.117	-.331	-1.222
409	-.370	.103	.010	-.751	449	-.631	.106	-.331	-1.061
410	-.340	.126	.250	-.685	450	-.539	.092	-.176	-.938
411	-.388	.113	.343	-.720	451	-.495	.076	-.267	-.879
412	-.462	.077	.158	-.744	501	-.337	.080	-.021	-.745
413	-.245	.108	.169	-.516	502	-.973	.370	-.112	-2.326
414	-.301	.088	.057	-.591	503	-.503	.113	-.069	-1.062
415	-.343	.122	.190	-.781	504	-.382	.063	-.203	-.608
416	-.282	.152	.502	-.812					
417	-.346	.122	.538	-.846					
418	-.439	.082	.118	-.716					
419	-.296	.120	.165	-.639					
420	-.354	.104	.038	-.678					
421	-.406	.140	.108	-.879					
422	-.335	.175	.380	-.840					
423	-.323	.155	.408	-.888					
424	-.409	.121	.275	-1.151					
425	-.402	.107	.065	-.694					
426	-.441	.094	-.108	-.806					
427	-.499	.106	.031	-.884					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.584	.128	-.192	-1.584	141	-.158	.043	.043	-.372
102	-.586	.136	-.099	-1.275	142	-.236	.052	-.047	-.416
103	-.383	.177	.043	-.998	143	-.412	.178	.118	-1.386
104	-.189	.094	.058	-.801	144	-.361	.234	.251	-1.374
105	-.229	.053	-.021	-.646	145	-.129	.164	.227	-1.041
106	-.266	.048	-.084	-.522	146	-.025	.061	.242	-.558
107	-.302	.053	-.112	-.453	147	-.044	.034	.111	-.204
108	-.527	.118	-.146	-1.321	148	-.089	.031	.043	-.227
109	-.574	.132	.134	-1.563	149	-.185	.044	-.016	-.362
110	-.462	.229	.245	-1.176	150	-.333	.170	.248	-1.442
111	-.164	.164	.215	-.785	151	-.252	.213	.161	-1.432
112	-.129	.078	.140	-.546	152	-.063	.109	.202	-.869
113	-.228	.057	-.009	-.651	153	-.027	.039	.156	-.409
114	-.324	.053	-.087	-.580	154	-.015	.031	.109	-.111
115	-.533	.125	-.097	-1.240	155	-.031	.033	.109	-.123
116	-.556	.144	0.000	-1.305	156	-.045	.049	.125	-.232
117	-.425	.274	.229	-1.545	157	-.162	.142	.458	-.939
118	-.145	.187	.306	-.937	158	-.077	.147	.289	-.884
119	-.119	.078	.140	-.623	159	.014	.048	.214	-.326
120	-.189	.058	.031	-.601	160	-0.000	.032	.125	-.179
121	-.295	.064	-.059	-.652	161	-.025	.033	.093	-.162
122	-.523	.152	.024	-1.283	162	-.051	.050	.124	-.189
123	-.557	.173	.316	-1.436	163	-.168	.108	.143	-.480
124	-.420	.272	.235	-1.300	201	-.517	.108	-.210	-1.072
125	-.119	.168	.337	-1.061	202	-.523	.082	-.204	-.897
126	-.100	.078	.238	-.691	203	-.508	.072	-.286	-.809
127	-.170	.050	-.003	-.483	204	-.507	.056	-.313	-.757
128	-.249	.054	-.009	-.509	205	-.498	.051	-.320	-.711
129	-.498	.174	.084	-1.495	206	-.488	.055	-.323	-.790
130	-.491	.219	.255	-1.842	207	-.455	.053	-.273	-.682
131	-.276	.266	.289	-1.204	208	-.518	.088	-.244	-1.088
132	.272	.012	.328	.230	209	-.513	.074	-.251	-.828
133	-.104	.066	.140	-.553	210	-.511	.059	-.329	-.766
134	-.153	.043	.052	-.337	211	-.476	.048	-.331	-.695
135	-.238	.052	-.041	-.403	212	-.475	.049	-.317	-.797
136	-.467	.176	-.015	-1.352	213	-.468	.047	-.307	-.728
137	-.484	.238	.270	-1.517	214	-.465	.052	-.308	-.659
138	-.230	.238	.261	-1.241	215	-.514	.097	-.272	-1.195
139	-.062	.103	.272	-.604	216	-.518	.083	-.295	-1.099
140	-.075	.050	.137	-.328	217	-.493	.063	-.318	-.797

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.476	.056	-.281	-.736	302	.167	.091	.478	-.132
219	-.459	.053	-.259	-.672	303	.263	.101	.600	-.089
220	-.457	.050	-.272	-.649	304	.314	.108	.647	-.077
221	-.452	.049	-.280	-.644	305	.339	.109	.672	-.054
222	-.539	.112	-.245	-1.683	306	.287	.106	.628	-.086
223	-.529	.097	-.271	-1.288	307	.002	.068	.324	-.231
224	-.499	.070	-.259	-.911	308	.407	.103	.766	.088
225	-.468	.061	-.278	-.824	309	.596	.118	.921	.228
226	-.459	.056	-.286	-.903	310	.661	.121	1.064	.216
227	-.442	.052	-.260	-.638	311	.644	.117	1.040	.168
228	-.442	.052	-.223	-.620	312	.319	.104	.674	-.036
229	-.519	.110	-.244	-1.051	313	-.003	.077	.254	-.263
230	-.508	.093	-.275	-1.006	314	.381	.104	.677	.061
231	-.462	.069	-.253	-.834	315	.580	.121	.911	.234
232	-.444	.062	-.273	-.820	316	.655	.128	1.001	.302
233	-.428	.058	-.242	-.744	317	.614	.124	.951	.248
234	-.418	.053	-.268	-.650	318	.279	.116	.756	-.202
235	-.409	.053	-.260	-.633	319	-.025	.075	.240	-.296
236	-.518	.124	-.217	-1.197	320	.347	.110	.667	.024
237	-.507	.106	-.212	-.989	321	.521	.126	.863	.162
238	-.470	.083	-.245	-1.276	322	.624	.125	.998	.260
239	-.456	.074	-.227	-.796	323	.595	.124	.963	.216
240	-.445	.068	-.247	-.772	324	.262	.109	.667	-.144
241	-.445	.067	-.244	-.967	325	-.048	.078	.280	-.330
242	-.438	.064	-.247	-.757	326	.292	.108	.680	-.021
243	-.643	.234	-.030	-2.083	327	.468	.124	.870	.132
244	-.552	.159	-.111	-1.592	328	.537	.131	.939	.177
245	-.516	.126	-.172	-1.182	329	.507	.130	.995	.196
246	-.503	.109	-.144	-1.101	330	.251	.117	.650	-.131
247	-.479	.096	-.148	-1.073	331	-.079	.076	.193	-.311
248	-.464	.089	-.185	-1.066	332	.233	.109	.605	-.096
249	-.460	.080	-.208	-.929	333	.400	.125	.802	.030
250	-.446	.257	.395	-1.883	334	.459	.132	.824	.096
251	-.394	.132	.180	-.933	335	.483	.115	.910	.180
252	-.492	.136	.051	-1.088	336	.232	.106	.614	-.116
253	-.519	.143	.066	-1.304	337	-.098	.073	.249	-.365
254	-.570	.140	-.253	-1.317	338	.206	.093	.581	-.071
255	-.546	.146	-.245	-1.663	339	.354	.109	.734	.009
256	-.502	.132	-.212	-1.186	340	.416	.108	.867	.120
301	-.040	.071	.232	-.265	341	.420	.103	.849	.170

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.220	.103	.678	-.131	428	-.304	.065	-.009	-.596
343	-.148	.075	.107	-.429	429	-.344	.064	-.036	-.618
344	.133	.080	.438	-.116	430	-.409	.072	-.129	-.766
345	.291	.088	.663	.060	431	-.285	.071	-.030	-.573
346	.354	.094	.770	.107	432	-.315	.059	-.066	-.549
347	.351	.098	.736	.052	433	-.334	.063	0.000	-.686
348	.212	.092	.648	-.155	434	-.336	.062	-.103	-.659
349	-.211	.078	.043	-.508	435	-.357	.061	-.140	-.672
350	-.048	.077	.234	-.350	436	-.416	.082	-.067	-.888
351	.146	.086	.584	-.096	437	-.221	.058	-.026	-.487
352	.341	.098	.832	.127	438	-.371	.079	-.133	-.742
353	.329	.083	.657	.111	439	-.350	.069	-.120	-.680
354	.165	.060	.436	-.043	440	-.351	.071	-.071	-.687
401	-.340	.060	-.171	-.632	441	-.265	.093	.155	-.650
402	-.355	.059	-.187	-.619	442	-.387	.085	-.075	-.777
403	-.417	.070	-.158	-.756	443	-.124	.048	.032	-.362
404	-.456	.076	-.205	-.742	444	-.151	.007	-.124	-.176
405	-.459	.079	-.192	-.730	445	-.070	.082	.159	-.480
406	-.471	.080	-.244	-.765	446	-.309	.100	.015	-.687
407	-.385	.061	-.156	-.646	447	-.260	.170	.140	-.759
408	-.401	.065	-.202	-.653	448	-.294	.164	.094	-.805
409	-.397	.069	-.123	-.668	449	-.288	.152	.084	-.734
410	-.391	.073	-.057	-.713	450	-.266	.147	.176	-.687
411	-.397	.069	-.092	-.692	451	-.226	.146	.294	-.704
412	-.447	.064	-.182	-.683	501	-.397	.075	-.132	-.668
413	-.321	.060	-.065	-.524	502	-.548	.091	-.201	-1.086
414	-.334	.059	-.100	-.562	503	-.499	.117	-.051	-.979
415	-.335	.062	-.086	-.585	504	-.490	.067	-.278	-.802
416	-.340	.068	.030	-.568					
417	-.364	.061	-.082	-.614					
418	-.438	.064	-.137	-.699					
419	-.292	.062	0.000	-.558					
420	-.307	.057	-.060	-.512					
421	-.305	.061	.122	-.531					
422	-.310	.065	.027	-.545					
423	-.352	.061	-.040	-.559					
424	-.430	.071	.007	-.736					
425	-.273	.061	-.021	-.503					
426	-.291	.059	-.065	-.553					
427	-.308	.063	-.009	-.668					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.445	.100	-.179	-1.275	141	-.193	.150	.185	-.906
102	-.448	.102	-.163	-1.245	142	-.167	.159	.301	-1.333
103	-.478	.122	-.101	-1.105	143	-.577	.191	-.155	-1.555
104	-.482	.152	.037	-1.281	144	-.608	.220	-.170	-1.775
105	-.415	.169	.181	-1.327	145	-.546	.230	.169	-1.518
106	-.311	.157	.272	-1.312	146	-.260	.203	.330	-1.248
107	-.299	.153	.167	-1.069	147	-.123	.124	.258	-.640
108	-.407	.109	-.105	-.866	148	-.096	.082	.206	-.480
109	-.442	.113	-.147	-1.408	149	-.146	.088	.132	-.566
110	-.453	.130	-.037	-1.265	150	-.537	.192	-.127	-1.402
111	-.481	.156	.070	-1.182	151	-.581	.230	.047	-2.018
112	-.414	.161	.142	-1.082	152	-.369	.244	.307	-1.318
113	-.366	.160	.329	-.945	153	-.094	.116	.252	-.660
114	-.365	.204	.164	-1.459	154	-.018	.053	.213	-.298
115	-.418	.121	-.111	-.949	155	-.013	.040	.160	-.164
116	-.431	.123	-.144	-.965	156	-.013	.035	.132	-.142
117	-.481	.142	-.136	-1.196	157	-.447	.199	-.047	-1.623
118	-.483	.173	.207	-1.305	158	-.463	.252	.087	-1.983
119	-.420	.174	.324	-1.072	159	-.116	.165	.296	-1.001
120	-.353	.178	.235	-1.119	160	-.015	.060	.250	-.520
121	-.388	.237	.238	-1.691	161	-.005	.040	.212	-.264
122	-.448	.131	-.121	-1.353	162	.043	.036	.194	-.120
123	-.468	.140	-.095	-1.312	163	.057	.041	.222	-.116
124	-.494	.160	.116	-1.444	201	-.333	.146	.084	-1.088
125	-.501	.186	.213	-1.459	202	-.381	.175	.123	-1.419
126	-.412	.184	.250	-1.242	203	-.447	.166	.176	-1.188
127	-.335	.183	.385	-1.182	204	-.540	.136	-.086	-1.106
128	-.343	.226	.255	-1.457	205	-.509	.104	-.175	-1.017
129	-.495	.156	-.175	-1.730	206	-.488	.096	-.198	-.884
130	-.496	.165	-.163	-1.710	207	-.447	.095	-.179	-.838
131	-.530	.175	.007	-1.500	208	-.407	.173	.204	-1.248
132	-.276	.011	.326	.240	209	-.385	.138	.161	-.902
133	-.373	.199	.237	-1.170	210	-.457	.141	.055	-1.100
134	-.255	.174	.264	-.957	211	-.502	.126	-.064	-1.139
135	-.257	.200	.312	-1.411	212	-.499	.107	-.185	-.918
136	-.527	.180	.036	-1.291	213	-.468	.094	-.215	-.915
137	-.559	.182	-.096	-1.710	214	-.464	.101	-.090	-.909
138	-.538	.198	.175	-1.632	215	-.404	.212	.126	-1.669
139	-.434	.217	.209	-1.180	216	-.399	.169	.126	-1.347
140	-.274	.190	.221	-.954	217	-.455	.159	.174	-1.073

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.523	.143	.022	-1.249	302	.288	.096	.607	-.104
219	-.501	.120	-.116	-1.148	303	.326	.099	.636	-.059
220	-.487	.104	-.144	-1.156	304	.322	.098	.599	-.045
221	-.475	.100	-.145	-1.081	305	.296	.097	.601	-.074
222	-.391	.212	.090	-1.691	306	.144	.097	.530	-.303
223	-.375	.173	.169	-1.025	307	.179	.093	.495	-.128
224	-.455	.152	.132	-.988	308	.556	.122	.877	.142
225	-.536	.170	.059	-1.433	309	.666	.131	1.032	.260
226	-.552	.149	.058	-1.345	310	.663	.120	1.001	.230
227	-.519	.131	-.114	-1.440	311	.560	.111	.924	.159
228	-.510	.123	-.175	-1.299	312	.181	.089	.472	-.153
229	-.297	.171	.131	-1.300	313	.145	.095	.458	-.231
230	-.293	.169	.168	-.866	314	.510	.114	.853	.148
231	-.374	.185	.271	-1.076	315	.644	.119	.985	.258
232	-.509	.181	.077	-1.270	316	.641	.119	.988	.231
233	-.582	.179	.122	-1.388	317	.512	.112	.896	.101
234	-.555	.151	-.189	-1.526	318	.130	.102	.433	-.199
235	-.528	.138	-.198	-1.452	319	.107	.097	.439	-.200
236	-.236	.140	.127	-1.059	320	.478	.118	.854	.134
237	-.236	.176	.238	-1.091	321	.592	.125	1.001	.240
238	-.310	.201	.269	-.965	322	.597	.112	.955	.221
239	-.467	.211	.247	-1.201	323	.487	.105	.866	.129
240	-.583	.206	.114	-1.569	324	.111	.089	.417	-.209
241	-.562	.192	-.045	-1.951	325	.066	.102	.409	-.279
242	-.524	.164	-.110	-1.781	326	.424	.120	.920	.056
243	.016	.169	.458	-1.360	327	.552	.127	1.010	.202
244	.003	.141	.426	-.718	328	.552	.124	.923	.185
245	-.110	.180	.438	-.806	329	.431	.117	.771	.064
246	-.330	.225	.385	-1.210	330	.069	.106	.458	-.319
247	-.529	.236	.228	-1.631	331	.057	.095	.404	-.311
248	-.542	.204	-.043	-1.646	332	.400	.113	.773	.054
249	-.510	.183	-.071	-1.607	333	.515	.119	.874	.204
250	.012	.088	.408	-.576	334	.504	.116	.889	.208
251	.016	.095	.383	-.475	335	.396	.116	.771	-.011
252	-.060	.120	.327	-.773	336	.072	.097	.406	-.296
253	-.152	.154	.206	-.905	337	.032	.099	.412	-.286
254	-.229	.173	.219	-1.113	338	.329	.111	.795	.002
255	-.552	.320	.217	-2.387	339	.419	.110	.806	.116
256	-.625	.349	.032	-2.871	340	.425	.109	.804	.138
301	.123	.091	.433	-.136	341	.351	.102	.696	.056

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.048	.095	.361	-.312	428	-.276	.108	.009	-.799
343	-.038	.101	.419	-.484	429	-.294	.113	.049	-.885
344	.237	.087	.692	-.019	430	-.306	.127	.019	-.943
345	.337	.086	.718	.116	431	-.166	.137	.369	-1.029
346	.344	.089	.705	.084	432	-.160	.121	.228	-.791
347	.308	.090	.649	.006	433	-.184	.118	.253	-1.199
348	.064	.087	.509	-.245	434	-.239	.124	.067	-.911
349	-.097	.101	.230	-.505	435	-.283	.134	.017	-1.034
350	.092	.074	.458	-.234	436	-.296	.137	.075	-1.010
351	.279	.077	.870	.080	437	-.144	.094	.142	-.614
352	.371	.089	.939	.153	438	-.224	.138	.178	-.991
353	.295	.074	.709	.146	439	-.202	.097	.245	-.715
354	.054	.064	.282	-.196	440	-.257	.125	.138	-1.001
401	-.263	.112	.225	-.743	441	-.028	.100	.458	-.471
402	-.251	.097	.025	-.592	442	-.085	.108	.318	-.687
403	-.254	.094	.046	-.785	443	-.108	.075	.180	-.430
404	-.275	.092	.019	-.823	444	-.036	.005	-.017	-.058
405	-.267	.095	.015	-.663	445	-.014	.040	.161	-.165
406	-.289	.108	.037	-.825	446	.018	.081	.385	-.342
407	-.278	.105	.102	-.794	447	.070	.039	.226	-.039
408	-.259	.092	.085	-.881	448	.055	.039	.236	-.118
409	-.255	.087	.030	-.641	449	.044	.040	.219	-.161
410	-.279	.092	.016	-.715	450	.038	.045	.281	-.140
411	-.295	.097	.043	-.739	451	-.029	.074	.230	-.475
412	-.336	.110	.010	-.811	501	-.311	.150	.166	-.970
413	-.259	.111	.113	-.826	502	-.431	.087	-.126	-.767
414	-.225	.087	.135	-.629	503	-.283	.124	.144	-.803
415	-.232	.084	.080	-.662	504	-.465	.081	-.199	-.819
416	-.271	.091	.071	-.635					
417	-.283	.094	.088	-.690					
418	-.331	.117	.061	-.742					
419	-.248	.117	.150	-1.151					
420	-.221	.095	.125	-.653					
421	-.220	.089	.096	-.636					
422	-.262	.098	.128	-.665					
423	-.287	.103	.047	-.758					
424	-.327	.126	.071	-.831					
425	-.197	.119	.203	-.963					
426	-.177	.101	.178	-.881					
427	-.202	.095	.113	-.719					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.403	.053	-.188	-.599	141	-.501	.141	.090	-1.424
102	-.402	.051	-.217	-.599	142	-.526	.215	.212	-1.823
103	-.425	.051	-.209	-.626	143	-.548	.098	-.279	-1.142
104	-.433	.057	-.237	-.685	144	-.551	.103	-.301	-1.274
105	-.465	.069	-.220	-.903	145	-.589	.114	-.301	-1.206
106	-.450	.080	-.212	-.887	146	-.610	.146	-.052	-1.295
107	-.464	.097	-.211	-1.093	147	-.514	.148	.090	-1.013
108	-.389	.055	-.206	-.611	148	-.379	.145	.110	-.863
109	-.414	.051	-.214	-.613	149	-.354	.149	.068	-1.060
110	-.405	.052	-.199	-.607	150	-.595	.116	-.285	-1.237
111	-.428	.057	-.225	-.690	151	-.625	.126	-.350	-1.548
112	-.431	.061	-.234	-.756	152	-.675	.173	-.031	-1.599
113	-.445	.063	-.251	-.779	153	-.502	.193	.125	-1.046
114	-.441	.093	-.157	-1.231	154	-.220	.152	.175	-.798
115	-.391	.058	-.200	-.638	155	-.118	.096	.145	-.648
116	-.392	.059	-.188	-.650	156	-.098	.078	.144	-.614
117	-.421	.060	-.242	-.667	157	-.630	.152	-.128	-1.348
118	-.419	.066	-.224	-.709	158	-.646	.176	-.151	-1.597
119	-.437	.074	-.227	-.831	159	-.541	.229	.230	-1.322
120	-.421	.078	-.187	-.822	160	-.193	.176	.255	-.951
121	-.449	.115	-.153	-1.338	161	-.069	.082	.197	-.795
122	-.392	.066	-.169	-.654	162	.005	.053	.258	-.294
123	-.409	.064	-.202	-.681	163	.023	.053	.233	-.360
124	-.419	.070	-.202	-.792	201	-.321	.062	-.113	-.544
125	-.461	.085	-.242	-.924	202	-.262	.056	.016	-.513
126	-.457	.091	-.243	-1.087	203	-.181	.055	.025	-.486
127	-.470	.096	-.082	-.948	204	-.172	.087	.059	-.581
128	-.480	.126	-.047	-1.175	205	-.334	.139	.040	-.887
129	-.440	.070	-.193	-.771	206	-.482	.086	-.099	-1.001
130	-.432	.070	-.240	-.782	207	-.435	.076	-.211	-.998
131	-.460	.075	-.251	-.920	208	-.272	.055	-.053	-.457
132	.267	.009	.303	.236	209	-.093	.050	.139	-.380
133	-.510	.111	-.022	-1.016	210	-.026	.079	.248	-.561
134	-.508	.133	.092	-1.198	211	-.029	.155	.268	-.471
135	-.544	.162	-.007	-1.378	212	-.312	.218	.280	-.951
136	-.487	.087	-.254	-.961	213	-.429	.123	.271	-.942
137	-.525	.090	-.277	-.939	214	-.398	.108	-.009	-.906
138	-.526	.097	-.267	-1.058	215	-.249	.052	-.065	-.497
139	-.564	.112	-.285	-1.188	216	-.060	.047	.131	-.323
140	-.538	.125	-.010	-1.261	217	.031	.065	.255	-.432

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.016	.159	.444	-.996	302	.344	.109	.645	-.033
219	-.240	.253	.409	-1.220	303	.308	.106	.647	-.039
220	-.409	.157	.219	-1.120	304	.252	.102	.551	-.055
221	-.378	.130	.017	-1.001	305	.166	.093	.471	-.138
222	-.262	.063	.003	-.538	306	-.018	.080	.255	-.280
223	-.057	.053	.189	-.428	307	.399	.110	.751	.007
224	.038	.066	.277	-.445	308	.781	.013	.815	.743
225	.052	.134	.360	-.689	309	.657	.125	1.012	.277
226	-.144	.255	.447	-1.178	310	.585	.113	.957	.204
227	-.358	.185	.338	-1.328	311	.396	.098	.722	.068
228	-.339	.144	.097	-1.001	312	.002	.067	.235	-.202
229	-.245	.073	-.004	-.603	313	.385	.114	.779	-.055
230	-.042	.051	.159	-.303	314	.613	.121	.970	.202
231	.065	.061	.280	-.396	315	.627	.123	.999	.225
232	.082	.114	.344	-.654	316	.551	.117	.912	.160
233	-.058	.224	.417	-.962	317	.354	.101	.699	.048
234	-.275	.186	.318	-1.414	318	-.018	.070	.219	-.255
235	-.267	.139	.237	-.955	319	.375	.121	.795	-.035
236	-.260	.100	.022	-.755	320	.608	.122	.998	.244
237	-.035	.060	.202	-.318	321	.602	.118	.976	.216
238	.069	.056	.247	-.291	322	.511	.119	.982	.152
239	.104	.094	.318	-.680	323	.326	.099	.715	-.042
240	-.007	.191	.400	-.916	324	-.041	.070	.197	-.290
241	-.184	.201	.392	-1.108	325	.333	.131	.759	-.126
242	-.212	.147	.237	-.936	326	.548	.129	.953	.177
243	.125	.062	.417	-.073	327	.552	.124	.975	.202
244	.138	.051	.331	-.073	328	.475	.110	.808	.164
245	.165	.048	.359	-.105	329	.282	.095	.602	.007
246	.160	.065	.366	-.329	330	-.070	.076	.171	-.426
247	.116	.126	.409	-.602	331	.341	.106	.753	-.004
248	-.036	.183	.381	-.839	332	.499	.110	.878	.114
249	-.117	.154	.357	-.873	333	.504	.111	.858	.129
250	.056	.045	.215	-.142	334	.422	.104	.785	.078
251	.170	.044	.316	.052	335	.272	.096	.628	-.019
252	.183	.048	.342	.024	336	-.075	.075	.252	-.368
253	.178	.054	.336	-.176	337	.321	.117	.807	-.030
254	.171	.074	.342	-.415	338	.449	.126	.930	.135
255	.088	.165	.396	-.807	339	.423	.103	.762	.159
256	-.017	.176	.415	-1.011	340	.356	.095	.717	.123
301	.306	.108	.673	-.088	341	.221	.085	.546	.002

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.103	.070	.159	-.355	428	-.515	.155	-.088	-1.571
343	.276	.099	.658	-.021	429	-.481	.125	-.103	-1.024
344	.363	.102	.755	.093	430	-.449	.115	-.082	-.972
345	.366	.096	.695	.146	431	-.395	.156	.060	-1.287
346	.312	.088	.602	.084	432	-.391	.178	.293	-1.229
347	.193	.088	.637	-.026	433	-.468	.198	.269	-1.618
348	-.108	.080	.232	-.404	434	-.594	.211	-.056	-2.109
349	.210	.083	.527	-.097	435	-.604	.239	-.142	-2.128
350	.254	.071	.540	-.006	436	-.539	.207	-.050	-1.725
351	.396	.097	.790	.159	437	-.318	.111	.052	-.749
352	.361	.096	.787	.121	438	-.387	.175	.133	-1.515
353	.218	.078	.546	.004	439	-.391	.126	.086	-1.086
354	-.093	.066	.136	-.366	440	-.469	.155	-.022	-1.392
401	-.463	.095	-.133	-.895	441	-.167	.133	.213	-.818
402	-.461	.094	-.117	-.896	442	-.222	.135	.153	-.979
403	-.467	.094	-.196	-.883	443	-.270	.105	.037	-.673
404	-.448	.079	-.228	-.819	444	-.098	.006	-.078	-.120
405	-.412	.077	-.187	-.732	445	-.120	.077	.106	-.471
406	-.402	.078	-.171	-.711	446	.052	.069	.306	-.351
407	-.441	.083	-.180	-1.014	447	.030	.056	.234	-.200
408	-.436	.070	-.144	-.790	448	.003	.055	.211	-.198
409	-.439	.070	-.241	-.773	449	-.027	.063	.230	-.297
410	-.435	.070	-.210	-.748	450	-.027	.056	.191	-.260
411	-.422	.068	-.213	-.695	451	-.122	.101	.093	-.779
412	-.420	.070	-.203	-.724	501	-.496	.113	-.013	-1.062
413	-.461	.102	-.168	-1.114	502	-.428	.058	-.190	-.698
414	-.443	.078	-.213	-.818	503	-.440	.092	-.184	-.825
415	-.442	.076	-.233	-.915	504	-.486	.076	-.202	-1.053
416	-.435	.077	-.213	-1.217					
417	-.414	.074	-.162	-1.028					
418	-.408	.074	-.123	-.860					
419	-.487	.123	-.178	-1.253					
420	-.477	.107	-.129	-1.201					
421	-.471	.101	-.212	-.992					
422	-.460	.093	-.212	-.909					
423	-.447	.089	-.175	-.844					
424	-.444	.091	-.171	-.828					
425	-.485	.121	-.051	-1.179					
426	-.490	.125	-.080	-1.069					
427	-.536	.145	-.135	-1.224					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.497	.045	-.335	-.659	141	-.649	.157	-.250	-1.496
102	-.484	.044	-.338	-.655	142	-.709	.216	-.066	-2.227
103	-.535	.047	-.360	-.728	143	-.617	.078	-.332	-.881
104	-.540	.053	-.373	-.796	144	-.624	.080	-.376	-.894
105	-.571	.076	-.326	-.904	145	-.659	.086	-.380	-1.132
106	-.562	.096	-.273	-1.140	146	-.679	.106	-.376	-1.189
107	-.582	.096	-.279	-1.117	147	-.667	.106	-.308	-1.089
108	-.489	.044	-.351	-.630	148	-.552	.105	-.028	-.957
109	-.514	.044	-.352	-.643	149	-.533	.150	.157	-1.205
110	-.504	.044	-.364	-.640	150	-.668	.088	-.427	-1.032
111	-.520	.045	-.382	-.655	151	-.688	.089	-.430	-1.057
112	-.521	.050	-.349	-.684	152	-.725	.110	-.433	-1.278
113	-.541	.058	-.269	-.768	153	-.750	.126	-.229	-1.261
114	-.544	.068	-.264	-.903	154	-.509	.137	.041	-.954
115	-.490	.051	-.345	-.671	155	-.309	.126	.057	-.707
116	-.493	.050	-.342	-.768	156	-.256	.128	.153	-.818
117	-.515	.046	-.365	-.718	157	-.694	.117	-.424	-1.355
118	-.499	.045	-.357	-.688	158	-.691	.123	-.389	-1.485
119	-.498	.050	-.320	-.741	159	-.729	.156	.175	-1.522
120	-.491	.062	-.252	-.712	160	-.450	.205	.282	-1.029
121	-.539	.084	-.263	-.976	161	-.178	.135	.316	-.803
122	-.491	.052	-.330	-.675	162	-.062	.076	.157	-.401
123	-.504	.051	-.345	-.688	163	-.035	.071	.219	-.515
124	-.510	.050	-.338	-.725	201	-.393	.045	-.203	-.624
125	-.531	.053	-.343	-.832	202	-.272	.041	-.114	-.467
126	-.515	.057	-.307	-.804	203	-.158	.044	.003	-.308
127	-.531	.068	-.273	-.875	204	-.076	.051	.109	-.255
128	-.559	.083	-.292	-1.091	205	-.016	.060	.183	-.226
129	-.519	.053	-.270	-.725	206	-.084	.089	.144	-.527
130	-.507	.053	-.333	-.732	207	-.249	.172	.267	-.872
131	-.526	.052	-.370	-.752	208	-.309	.041	-.164	-.483
132	.272	.007	.299	.251	209	-.023	.042	.132	-.170
133	-.566	.079	-.295	-1.032	210	.128	.050	.310	-.028
134	-.589	.109	-.295	-1.240	211	.250	.058	.442	.079
135	-.628	.110	-.339	-1.152	212	.334	.068	.564	.123
136	-.521	.068	-.294	-.829	213	.388	.133	.706	-.455
137	-.558	.070	-.330	-1.008	214	.250	.197	.883	-.374
138	-.564	.070	-.390	-1.023	215	-.275	.046	-.112	-.439
139	-.599	.072	-.412	-.956	216	.027	.049	.179	-.128
140	-.594	.091	-.251	-1.032	217	.176	.059	.364	.001

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.282	.065	.518	.061	302	.160	.110	.502	-.240
219	.368	.077	.601	.089	303	.192	.100	.492	-.132
220	.429	.127	.749	-.255	304	.147	.088	.415	-.147
221	.352	.195	.880	-.417	305	.033	.073	.259	-.257
222	-.277	.055	-.063	-.563	306	-.201	.053	.016	-.420
223	.040	.050	.230	-.129	307	.654	.122	.980	.150
224	.196	.056	.385	.028	308	.627	.114	.963	.241
225	.286	.067	.515	.080	309	.503	.103	.817	.137
226	.368	.089	.606	.089	310	.365	.097	.689	.067
227	.424	.141	.729	-.460	311	.145	.076	.394	-.097
228	.383	.204	.823	-.383	312	-.229	.046	-.068	-.390
229	-.279	.060	-.072	-.523	313	.627	.130	.970	-.077
230	.048	.047	.212	-.099	314	.607	.114	.932	.287
231	.216	.054	.399	.056	315	.499	.101	.828	.205
232	.312	.064	.512	.142	316	.356	.088	.670	.084
233	.378	.082	.640	.147	317	.118	.070	.388	-.105
234	.428	.108	.755	-.038	318	-.243	.051	-.068	-.429
235	.409	.176	.868	-.181	319	.594	.134	.982	-.013
236	-.280	.081	-.050	-.568	320	.557	.125	.924	.223
237	.061	.055	.296	-.158	321	.443	.110	.775	.076
238	.218	.056	.431	.034	322	.313	.085	.620	.022
239	.312	.066	.564	.102	323	.089	.067	.353	-.134
240	.373	.079	.634	.110	324	-.258	.049	-.055	-.433
241	.403	.106	.762	-.115	325	.541	.137	.941	-.038
242	.394	.162	.837	-.248	326	.489	.132	.876	.173
243	.188	.068	.455	-.004	327	.396	.112	.775	.083
244	.245	.060	.473	.095	328	.270	.095	.611	-.013
245	.279	.063	.526	.113	329	.051	.073	.316	-.185
246	.305	.068	.561	.115	330	-.263	.053	-.041	-.442
247	.341	.080	.613	.054	331	.451	.144	.886	-.221
248	.361	.104	.710	-.162	332	.417	.114	.774	-.045
249	.355	.132	.796	-.199	333	.339	.096	.634	.049
250	.032	.059	.284	-.300	334	.229	.081	.505	-.034
251	.233	.052	.473	.077	335	.040	.073	.347	-.147
252	.288	.058	.598	.131	336	-.264	.056	-.066	-.465
253	.316	.068	.650	.140	337	.346	.168	.864	-.313
254	.314	.070	.640	.137	338	.345	.114	.694	-.225
255	.300	.073	.622	.047	339	.290	.100	.598	.027
256	.267	.082	.656	-.205	340	.194	.087	.487	-.038
301	.342	.125	.739	-.115	341	.026	.070	.282	-.183

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.288	.060	-.031	-.523	428	-.675	.114	-.219	-1.270
343	.167	.157	.652	-.458	429	-.655	.099	-.368	-1.058
344	.209	.097	.550	-.291	430	-.634	.094	-.354	-.979
345	.179	.070	.483	.007	431	-.598	.151	-.052	-1.258
346	.110	.065	.394	-.063	432	-.589	.165	.115	-1.371
347	-.016	.071	.286	-.221	433	-.668	.156	.075	-1.285
348	-.308	.067	-.079	-.580	434	-.780	.172	-.063	-1.766
349	.193	.103	.642	-.279	435	-.779	.215	-.246	-2.352
350	.224	.090	.620	-.255	436	-.740	.166	-.350	-1.691
351	.134	.161	.733	-.325	437	-.423	.103	.023	-.963
352	.177	.092	.518	-.146	438	-.473	.160	.045	-1.371
353	.027	.070	.298	-.164	439	-.512	.126	-.011	-1.125
354	-.250	.063	-.041	-.442	440	-.629	.155	-.092	-1.481
401	-.651	.114	-.298	-1.225	441	-.406	.180	.128	-1.411
402	-.636	.081	-.321	-1.319	442	-.406	.141	.031	-1.042
403	-.627	.067	-.385	-.908	443	-.397	.107	-.018	-.839
404	-.631	.070	-.416	-.893	444	-.515	.007	-.492	-.537
405	-.591	.067	-.372	-.884	445	-.307	.128	.074	-.818
406	-.570	.065	-.340	-.889	446	.076	.087	.370	-.374
407	-.622	.102	-.342	-1.201	447	-.013	.082	.293	-.385
408	-.614	.071	-.385	-.915	448	-.068	.088	.266	-.462
409	-.602	.064	-.385	-.851	449	-.125	.090	.185	-.505
410	-.599	.061	-.378	-.902	450	-.132	.091	.104	-.544
411	-.588	.060	-.368	-.784	451	-.285	.130	.052	-.861
412	-.589	.059	-.388	-.807	501	-.664	.136	-.214	-1.210
413	-.667	.135	-.368	-1.661	502	-.393	.058	-.212	-.595
414	-.625	.089	-.391	-1.123	503	-.566	.064	-.329	-.796
415	-.595	.070	-.397	-1.059	504	-.800	.248	-.230	-2.318
416	-.588	.066	-.403	-1.175					
417	-.562	.061	-.369	-1.076					
418	-.556	.061	-.335	-.969					
419	-.667	.133	-.295	-1.516					
420	-.636	.096	-.260	-1.132					
421	-.620	.085	-.385	-1.121					
422	-.614	.080	-.400	-1.002					
423	-.599	.074	-.383	-.905					
424	-.591	.078	-.332	-.900					
425	-.662	.113	-.359	-1.201					
426	-.680	.113	-.269	-1.204					
427	-.705	.122	-.359	-1.360					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.589	.060	-.402	-.789	141	-.793	.173	-.326	-1.666
102	-.581	.056	-.414	-.775	142	-.809	.192	-.307	-1.939
103	-.688	.061	-.486	-.898	143	-.656	.064	-.424	-.917
104	-.693	.064	-.486	-.905	144	-.661	.074	-.437	-.992
105	-.715	.067	-.434	-.997	145	-.687	.074	-.480	-.975
106	-.723	.078	-.446	-1.041	146	-.695	.084	-.444	-1.066
107	-.742	.087	-.484	-1.281	147	-.692	.080	-.420	-1.005
108	-.597	.056	-.437	-.811	148	-.626	.088	-.126	-.912
109	-.611	.054	-.431	-.779	149	-.679	.176	.045	-1.993
110	-.604	.055	-.414	-.769	150	-.696	.084	-.469	-1.077
111	-.627	.059	-.433	-.808	151	-.715	.087	-.493	-1.102
112	-.638	.064	-.428	-.873	152	-.748	.103	-.481	-1.281
113	-.679	.071	-.390	-1.091	153	-.757	.105	-.399	-1.248
114	-.687	.079	-.408	-1.251	154	-.609	.096	-.246	-.968
115	-.561	.050	-.398	-.722	155	-.450	.090	-.085	-.808
116	-.567	.050	-.402	-.744	156	-.427	.121	-.045	-.973
117	-.596	.047	-.444	-.804	157	-.729	.122	-.464	-2.165
118	-.583	.052	-.398	-.808	158	-.718	.124	-.389	-1.863
119	-.598	.062	-.340	-.804	159	-.736	.135	-.214	-1.423
120	-.618	.073	-.311	-.873	160	-.572	.172	-.012	-1.188
121	-.682	.091	-.342	-1.176	161	-.271	.141	.221	-.799
122	-.537	.049	-.355	-.701	162	-.167	.088	.239	-.635
123	-.553	.047	-.408	-.714	163	-.159	.113	.221	-.776
124	-.560	.047	-.373	-.732	201	-.437	.052	-.216	-.638
125	-.580	.056	-.349	-.797	202	-.285	.060	.013	-.515
126	-.561	.064	-.204	-.808	203	-.170	.070	.188	-.422
127	-.590	.075	-.314	-.874	204	-.047	.083	.268	-.374
128	-.649	.097	-.323	-1.015	205	.091	.097	.383	-.246
129	-.573	.049	-.420	-.744	206	-.009	.120	.389	-.450
130	-.559	.048	-.415	-.720	207	.216	.131	.656	-.254
131	-.575	.047	-.425	-.794	208	-.283	.049	-.066	-.493
132	.272	.007	.304	.249	209	.126	.062	.376	-.084
133	-.606	.071	-.323	-1.059	210	.290	.081	.560	.018
134	-.617	.082	-.406	-1.040	211	.435	.091	.695	.125
135	-.672	.096	-.352	-1.106	212	.541	.105	.804	.186
136	-.587	.062	-.336	-.819	213	.622	.116	.946	.245
137	-.610	.055	-.409	-.819	214	.630	.132	.996	.137
138	-.607	.058	-.449	-.871	215	-.241	.056	-.036	-.434
139	-.630	.065	-.415	-.933	216	.168	.068	.383	-.062
140	-.643	.082	-.361	-1.094	217	.364	.079	.648	.120

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.486	.089	.788	.199	302	-.044	.098	.253	-.584
219	.578	.102	.914	.288	303	-.064	.081	.201	-.324
220	.645	.117	1.002	.290	304	-.114	.067	.149	-.312
221	.590	.136	1.009	-.021	305	-.206	.063	.037	-.395
222	-.227	.063	-.003	-.554	306	-.400	.050	-.212	-.565
223	.168	.074	.421	-.059	307	.128	.220	.848	-.655
224	.363	.086	.643	.125	308	.313	.155	.646	-.554
225	.477	.100	.799	.208	309	.228	.076	.495	-.049
226	.565	.113	.915	.221	310	.071	.070	.325	-.132
227	.602	.126	.987	.230	311	-.139	.055	.092	-.334
228	.526	.139	1.015	.033	312	-.442	.051	-.259	-.630
229	-.220	.071	.022	-.462	313	.015	.223	.759	-.783
230	.178	.070	.431	-.020	314	.232	.220	.768	-.875
231	.372	.081	.634	.134	315	.207	.086	.541	-.544
232	.480	.093	.772	.203	316	.072	.067	.331	-.380
233	.559	.101	.887	.260	317	-.133	.051	.051	-.364
234	.580	.114	.929	.258	318	-.416	.046	-.265	-.585
235	.488	.135	.884	.042	319	-.044	.198	.681	-.967
236	-.205	.082	.104	-.521	320	.086	.246	.585	-.853
237	.187	.076	.467	-.033	321	.162	.096	.435	-.554
238	.351	.084	.656	.112	322	.041	.069	.312	-.207
239	.443	.095	.810	.167	323	-.156	.052	.079	-.337
240	.490	.109	.887	.117	324	-.409	.045	-.250	-.539
241	.508	.133	.940	.143	325	-.107	.231	.798	-1.005
242	.395	.158	.873	-.136	326	.061	.265	.649	-.948
243	.255	.072	.530	.046	327	.133	.106	.458	-.695
244	.329	.074	.678	.121	328	.023	.065	.269	-.379
245	.364	.086	.746	.154	329	-.171	.051	.027	-.388
246	.384	.092	.790	.150	330	-.413	.046	-.196	-.578
247	.405	.102	.821	.134	331	-.121	.210	.675	-.913
248	.392	.118	.816	.064	332	-.017	.265	.594	-.942
249	.248	.165	.821	-.251	333	.111	.102	.482	-.821
250	.057	.088	.367	-.332	334	.017	.059	.335	-.313
251	.273	.069	.508	.053	335	-.172	.049	.009	-.389
252	.350	.073	.607	.097	336	-.423	.049	-.253	-.590
253	.383	.080	.719	.165	337	-.252	.225	.649	-1.276
254	.337	.080	.697	.145	338	-.156	.296	.544	-1.518
255	.254	.088	.623	-.040	339	.007	.150	.326	-.939
256	.114	.111	.546	-.308	340	-.039	.073	.213	-.728
301	-.132	.240	.444	-1.071	341	-.184	.053	-.004	-.460

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.433	.055	-.238	-.632	428	-.783	.111	-.466	-1.300
343	-.249	.155	.429	-1.074	429	-.763	.101	-.480	-1.182
344	-.190	.194	.337	-.862	430	-.750	.097	-.484	-1.146
345	-.077	.149	.275	-.665	431	-.685	.114	-.290	-1.335
346	-.079	.086	.207	-.521	432	-.647	.140	-.211	-1.347
347	-.195	.068	.068	-.592	433	-.732	.155	-.099	-1.635
348	-.443	.068	-.167	-.737	434	-.833	.176	.007	-1.589
349	-.212	.212	.330	-1.109	435	-.875	.255	-.491	-3.040
350	-.138	.252	.378	-1.237	436	-.829	.164	-.438	-1.610
351	-.265	.139	.299	-.788	437	-.451	.079	-.099	-.709
352	-.056	.128	.356	-.667	438	-.427	.100	-.095	-.964
353	-.127	.070	.114	-.416	439	-.531	.110	-.092	-.939
354	-.345	.060	-.112	-.697	440	-.664	.144	-.092	-1.201
401	-.795	.100	-.377	-1.450	441	-.539	.229	.255	-1.802
402	-.786	.082	-.325	-1.117	442	-.485	.141	.011	-1.083
403	-.778	.072	-.373	-1.071	443	-.463	.089	-.117	-.741
404	-.755	.074	-.557	-1.122	444	-.671	.008	-.638	-.697
405	-.727	.067	-.536	-1.005	445	-.511	.125	-.137	-1.047
406	-.715	.063	-.533	-.966	446	.057	.080	.367	-.286
407	-.758	.122	-.392	-1.440	447	-.170	.107	.332	-.565
408	-.749	.089	-.470	-1.146	448	-.254	.095	.185	-.618
409	-.739	.072	-.489	-1.101	449	-.320	.087	.007	-.673
410	-.736	.065	-.520	-1.122	450	-.359	.107	.005	-.748
411	-.719	.061	-.529	-.938	451	-.324	.141	.022	-.946
412	-.713	.064	-.513	-.920	501	-.795	.094	-.336	-1.312
413	-.797	.173	-.410	-1.929	502	-.579	.062	-.367	-.811
414	-.768	.117	-.285	-1.366	503	-.733	.065	-.507	-.964
415	-.728	.094	-.458	-1.372	504	-1.077	.385	-.152	-2.263
416	-.715	.069	-.456	-1.067					
417	-.705	.062	-.464	-.955					
418	-.702	.062	-.474	-.948					
419	-.815	.199	-.288	-1.854					
420	-.776	.144	-.204	-1.591					
421	-.748	.110	-.397	-1.324					
422	-.735	.085	-.477	-1.103					
423	-.711	.073	-.493	-.987					
424	-.704	.078	-.447	-1.021					
425	-.787	.163	-.352	-1.823					
426	-.789	.133	-.364	-1.429					
427	-.814	.124	-.492	-1.476					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.594	.057	-.385	-.826	141	-.886	.208	-.397	-1.799
102	-.578	.056	-.378	-.796	142	-.851	.198	-.307	-2.061
103	-.655	.063	-.448	-.843	143	-.682	.078	-.458	-1.057
104	-.684	.068	-.457	-.937	144	-.684	.081	-.476	-1.196
105	-.712	.067	-.484	-.957	145	-.725	.082	-.487	-1.126
106	-.700	.070	-.457	-.976	146	-.712	.081	-.435	-1.060
107	-.717	.073	-.426	-.989	147	-.661	.075	-.345	-.970
108	-.585	.051	-.395	-.777	148	-.558	.089	-.101	-.918
109	-.617	.053	-.439	-.826	149	-.592	.178	.020	-1.641
110	-.606	.054	-.410	-.806	150	-.705	.103	-.407	-1.391
111	-.625	.058	-.403	-.837	151	-.726	0 .093	-.438	-1.161
112	-.636	.064	-.397	-.894	152	-.763	.098	-.468	-1.278
113	-.675	.064	-.367	-.907	153	-.711	.097	-.335	-1.092
114	-.704	.085	-.417	-1.095	154	-.530	.084	-.151	-.852
115	-.582	.052	-.375	-.894	155	-.413	.074	-.059	-.738
116	-.584	.051	-.379	-.931	156	-.412	.099	-.133	-.960
117	-.603	.050	-.397	-.859	157	-.746	.163	-.381	-1.882
118	-.578	.052	-.302	-.761	158	-.706	.132	-.362	-1.827
119	-.591	.059	-.350	-.789	159	-.714	.146	-.187	-1.342
120	-.615	.073	-.334	-.918	160	-.511	.164	.078	-1.070
121	-.699	.115	-.293	-1.357	161	-.252	.113	.139	-.703
122	-.575	.061	-.309	-.845	162	-.194	.095	.101	-.760
123	-.588	.059	-.329	-.801	163	-.204	.126	.180	-1.123
124	-.588	.057	-.379	-.771	201	-.345	.057	-.130	-.566
125	-.603	.057	-.332	-.875	202	-.167	.068	.139	-.391
126	-.589	.061	-.366	-.856	203	-.034	.084	.271	-.351
127	-.620	.074	-.343	-.924	204	.052	.094	.376	-.331
128	-.673	.106	-.321	-1.093	205	.132	.105	.480	-.220
129	-.597	.064	-.386	-1.361	206	.109	.106	.435	-.215
130	-.583	.056	-.386	-1.054	207	.167	.131	.568	-.280
131	-.603	.051	-.444	-.842	208	-.156	.073	.092	-.417
132	.285	.008	.316	.256	209	.286	.097	.622	-.028
133	-.657	.081	-.441	-1.033	210	.478	.106	.792	.119
134	-.676	.103	-.389	-1.202	211	.604	.112	.922	.218
135	-.707	.103	-.391	-1.158	212	.662	.122	.997	.180
136	-.611	.070	-.391	-.995	213	.624	.131	.981	.097
137	-.630	.071	-.408	-1.159	214	.272	.140	.734	-.354
138	-.632	.065	-.455	-.972	215	-.110	.077	.164	-.527
139	-.656	.064	-.477	-.900	216	.345	.091	.657	.013
140	-.651	.086	-.290	-1.067	217	.537	.101	.872	.243

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.638	.118	.955	.295	302	-.802	.258	.160	-1.637
219	.665	.127	1.001	.298	303	-.306	.155	.083	-1.260
220	.597	.133	.968	.195	304	-.289	.054	.049	-.629
221	.206	.136	.678	-.435	305	-.352	.043	-.179	-.568
222	-.104	.083	.189	-.490	306	-.473	.047	-.293	-.629
223	.327	.099	.671	.030	307	-.779	.185	-.201	-1.614
224	.513	.111	.906	.166	308	-.841	.226	.195	-1.760
225	.595	.115	.967	.252	309	-.492	.390	.373	-1.703
226	.642	.113	1.056	.281	310	-.155	.157	.315	-1.047
227	.554	.123	.910	.207	311	-.284	.064	.031	-.804
228	.155	.142	.674	-.333	312	-.492	.045	-.326	-.662
229	-.107	.084	.251	-.388	313	-.804	.180	-.170	-1.591
230	.333	.094	.624	.027	314	-.894	.213	.191	-1.936
231	.514	.104	.799	.202	315	-.673	.396	.400	-1.805
232	.582	.112	.888	.251	316	-.295	.259	.209	-1.599
233	.598	.120	.954	.249	317	-.304	.112	.059	-1.326
234	.493	.126	.900	.069	318	-.465	.064	-.235	-.875
235	.095	.137	.613	-.568	319	-.846	.182	-.170	-1.589
236	-.127	.104	.233	-.572	320	-.902	.204	.004	-2.207
237	.308	.095	.644	.038	321	-.735	.375	.232	-2.132
238	.462	.102	.797	.182	322	-.429	.323	.302	-1.999
239	.522	.112	.880	.209	323	-.349	.150	.110	-1.288
240	.508	.122	.895	.152	324	-.490	.069	-.206	-1.026
241	.407	.132	.918	-.074	325	-.906	.172	-.219	-1.544
242	.027	.138	.539	-.424	326	-.942	.184	-.074	-1.942
243	.335	.096	.640	.029	327	-.852	.326	.241	-2.116
244	.400	.093	.693	.128	328	-.518	.327	.187	-1.560
245	.431	.096	.808	.197	329	-.403	.178	.024	-1.581
246	.422	.100	.788	.159	330	-.493	.091	-.228	-1.236
247	.387	.108	.788	.085	331	-.872	.154	-.336	-1.674
248	.266	.119	.716	-.128	332	-.907	.170	-.242	-2.250
249	-.096	.139	.400	-.662	333	-.841	.284	.162	-1.918
250	.128	.089	.440	-.193	334	-.559	.311	.137	-1.636
251	.319	.078	.631	.115	335	-.430	.179	.009	-1.216
252	.387	.080	.673	.200	336	-.503	.086	-.229	-1.070
253	.379	.084	.732	.144	337	-.849	.148	-.424	-1.851
254	.266	.081	.615	.009	338	-.865	.162	-.013	-1.786
255	.070	.092	.399	-.265	339	-.781	.244	.188	-1.546
256	-.287	.133	.168	-.763	340	-.615	.266	.009	-1.526
301	-.920	.231	-.278	-2.404	341	-.513	.191	-.121	-1.304

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.564	.117	-.193	-1.304	428	-.862	.130	-.482	-1.636
343	-.813	.174	-.229	-1.575	429	-.847	.119	-.539	-1.602
344	-.843	.191	-.193	-1.901	430	-.830	.111	-.511	-1.555
345	-.765	.238	.099	-1.818	431	-.643	.101	-.301	-1.077
346	-.581	.219	-.022	-1.463	432	-.577	.141	-.233	-1.099
347	-.502	.163	.038	-1.165	433	-.658	.208	-.032	-1.344
348	-.562	.101	-.235	-1.017	434	-.877	.224	.110	-1.586
349	-1.133	.324	-.076	-2.641	435	-1.053	.298	-.489	-3.233
350	-.988	.302	.040	-2.078	436	-.966	.195	-.521	-2.093
351	-.736	.134	-.240	-1.299	437	-.410	.070	-.162	-.693
352	-.597	.213	.087	-1.277	438	-.406	.091	-.087	-1.046
353	-.448	.161	-.065	-1.189	439	-.499	.109	-.025	-1.017
354	-.481	.105	-.188	-1.339	440	-.625	.153	-.110	-1.207
401	-.817	.135	-.364	-1.692	441	-.421	.304	.440	-1.555
402	-.787	.086	-.443	-1.171	442	-.481	.177	.146	-1.375
403	-.769	.076	-.508	-1.232	443	-.415	.071	-.146	-.631
404	-.768	.072	-.515	-1.084	444	-.544	.011	-.511	-.583
405	-.755	.066	-.517	-1.004	445	-.470	.103	-.166	-1.039
406	-.748	.064	-.515	-.999	446	.110	.103	.541	-.180
407	-.842	.191	-.269	-2.166	447	-.285	.103	.137	-.646
408	-.797	.127	-.176	-1.572	448	-.341	.070	-.016	-.556
409	-.775	.098	-.379	-1.520	449	-.379	.058	-.079	-.584
410	-.766	.079	-.515	-1.412	450	-.436	.079	-.106	-.797
411	-.746	.070	-.503	-1.285	451	-.214	.116	.108	-.754
412	-.741	.067	-.505	-1.113	501	-.776	.091	-.456	-1.335
413	-.862	.231	-.163	-2.166	502	-.635	.064	-.415	-.850
414	-.828	.166	0.000	-1.732	503	-.738	.064	-.549	-1.023
415	-.799	.137	-.339	-1.547	504	-.828	.119	-.438	-1.803
416	-.763	.089	-.478	-1.174					
417	-.746	.073	-.493	-1.119					
418	-.742	.074	-.489	-1.118					
419	-.852	.244	-.181	-2.318					
420	-.797	.166	-.068	-1.572					
421	-.810	.140	-.459	-1.713					
422	-.796	.106	-.477	-1.501					
423	-.762	.085	-.523	-1.161					
424	-.756	.089	-.420	-1.238					
425	-.752	.165	-.227	-1.717					
426	-.787	.153	-.167	-1.375					
427	-.864	.141	-.262	-1.520					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.617	.110	-.238	-1.161	141	-.589	.119	-.301	-1.220
102	-.596	.102	-.273	-1.033	142	-.554	.110	-.256	-1.062
103	-.642	.094	-.346	-1.074	143	-.703	.152	-.300	-1.220
104	-.654	.086	-.413	-1.042	144	-.687	.135	-.307	-1.219
105	-.670	.081	-.444	-.973	145	-.707	.129	-.338	-1.527
106	-.652	.092	-.405	-1.098	146	-.554	.122	-.229	-1.179
107	-.678	.106	-.384	-1.301	147	-.398	.089	.012	-.846
108	-.632	.136	-.204	-1.200	148	-.379	.092	.116	-.690
109	-.626	.107	-.295	-1.152	149	-.394	.092	.037	-.717
110	-.599	.083	-.347	-.963	150	-.610	.129	-.256	-1.071
111	-.596	.069	-.358	-.896	151	-.636	.120	-.328	-1.132
112	-.584	.073	-.282	-.888	152	-.677	.139	-.375	-1.329
113	-.619	.094	-.273	-1.070	153	-.545	.125	-.183	-1.238
114	-.656	.126	-.279	-1.286	154	-.337	.086	.201	-.684
115	-.666	.156	-.206	-1.357	155	-.329	.085	.121	-.574
116	-.619	.117	-.258	-1.159	156	-.369	.085	.004	-.602
117	-.623	.087	-.346	-1.058	157	-.617	.164	-.232	-1.612
118	-.582	.065	-.352	-.799	158	-.575	.131	-.247	-1.436
119	-.584	.069	-.359	-.910	159	-.629	.154	-.298	-1.520
120	-.600	.090	-.280	-1.171	160	-.519	.135	-.067	-1.420
121	-.676	.130	-.244	-1.316	161	-.372	.101	.082	-.684
122	-.672	.156	-.115	-1.444	162	-.300	.106	.067	-.660
123	-.633	.117	-.224	-1.150	163	-.296	.110	.100	-.820
124	-.609	.086	-.294	-.992	201	-.219	.077	.007	-.581
125	-.610	.072	-.371	-.890	202	-.045	.083	.273	-.392
126	-.591	.076	-.313	-.931	203	.072	.105	.484	-.311
127	-.618	.094	-.288	-1.074	204	.104	.117	.535	-.292
128	-.675	.128	-.219	-1.222	205	.129	.118	.493	-.305
129	-.691	.164	-.118	-1.602	206	.030	.110	.370	-.407
130	-.619	.118	-.243	-1.416	207	-.065	.120	.305	-.598
131	-.606	.089	-.316	-1.046	208	.002	.080	.365	-.359
132	.291	.011	.356	.246	209	.442	.104	.764	.097
133	-.614	.085	-.307	-1.015	210	.578	.113	.928	.255
134	-.629	.098	-.356	-1.077	211	.652	.115	1.000	.322
135	-.684	.121	-.307	-1.122	212	.636	.122	1.045	.256
136	-.669	.170	-.085	-1.250	213	.495	.120	.836	.122
137	-.668	.134	-.188	-1.322	214	.034	.124	.376	-.443
138	-.623	.110	-.188	-1.056	215	.014	.088	.344	-.435
139	-.563	.089	-.304	-.963	216	.457	.108	.787	.054
140	-.536	.091	-.267	-.925	217	.614	.118	1.004	.197

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.669	.125	1.040	.294	302	-.934	.211	-.487	-1.899
219	.625	.127	1.010	.205	303	-.905	.188	-.376	-1.857
220	.463	.125	.845	.060	304	-.771	.172	-.262	-1.493
221	-.003	.117	.370	-.422	305	-.610	.150	-.169	-1.285
222	-.016	.098	.400	-.358	306	-.575	.135	-.111	-1.400
223	.442	.108	.783	.105	307	-.840	.155	-.435	-1.555
224	.609	.113	.931	.231	308	-.861	.163	-.431	-1.764
225	.645	.118	1.012	.251	309	-.881	.184	-.348	-1.803
226	.594	.130	.921	.225	310	-.869	.215	-.121	-2.008
227	.418	.128	.799	.062	311	-.735	.208	.099	-1.577
228	-.044	.115	.320	-.533	312	-.725	.230	-.131	-1.851
229	-.052	.093	.291	-.398	313	-.803	.147	-.457	-1.434
230	.391	.104	.738	.077	314	-.833	.154	-.437	-1.495
231	.546	.116	.895	.255	315	-.862	.182	-.372	-1.772
232	.574	.124	.988	.243	316	-.865	.208	-.209	-1.921
233	.568	.124	.932	.236	317	-.769	.226	.219	-1.774
234	.395	.121	.759	.020	318	-.813	.283	-.050	-2.464
235	-.040	.111	.270	-.534	319	-.809	.157	-.457	-1.591
236	-.055	.108	.334	-.623	320	-.827	.163	-.449	-1.513
237	.400	.105	.782	.086	321	-.850	.188	-.459	-2.299
238	.533	.108	.968	.227	322	-.867	.211	-.213	-1.889
239	.559	.114	.975	.243	323	-.807	.220	.060	-1.841
240	.499	.118	.925	.164	324	-.848	.292	-.084	-2.263
241	.305	.123	.702	-.080	325	-.809	.143	-.463	-1.996
242	-.110	.115	.296	-.477	326	-.813	.141	-.451	-1.543
243	.376	.108	.752	.095	327	-.844	.167	-.431	-1.996
244	.429	.108	.813	.114	328	-.865	.197	-.274	-1.953
245	.432	.099	.800	.170	329	-.817	.233	.008	-1.945
246	.406	.101	.804	.155	330	-.836	.325	.101	-2.551
247	.344	.108	.796	.038	331	-.759	.138	-.421	-1.682
248	.185	.116	.666	-.157	332	-.774	.146	-.436	-1.884
249	-.225	.115	.273	-.629	333	-.803	.165	-.345	-1.855
250	.163	.078	.580	-.120	334	-.798	.184	-.138	-1.739
251	.323	.078	.670	.105	335	-.757	.223	.105	-2.009
252	.375	.083	.725	.163	336	-.778	.299	.023	-2.391
253	.352	.083	.746	.134	337	-.759	.126	-.471	-1.580
254	.218	.082	.652	-.011	338	-.769	.136	-.471	-1.704
255	.005	.094	.404	-.296	339	-.815	.171	-.152	-2.066
256	-.336	.128	.075	-.900	340	-.793	.175	-.086	-1.689
301	-.926	.299	-.400	-4.019	341	-.730	.190	.038	-1.529

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.727	.253	-.005	-1.954	428	-.920	.144	-.475	-1.563
343	-.843	.147	-.418	-1.646	429	-.908	.133	-.525	-1.602
344	-.863	.161	-.429	-1.730	430	-.898	.104	-.598	-1.257
345	-.872	.173	-.443	-1.925	431	-.513	.090	-.236	-.989
346	-.766	.157	-.107	-1.623	432	-.518	.126	-.132	-1.139
347	-.643	.164	.011	-1.598	433	-.606	.207	-.111	-1.214
348	-.617	.167	-.132	-1.673	434	-.858	.282	.098	-1.722
349	-1.023	.325	-.411	-2.780	435	-1.176	.327	-.398	-3.136
350	-.968	.242	-.200	-2.141	436	-1.066	.244	-.441	-2.136
351	-.735	.125	-.404	-1.211	437	-.419	.104	-.032	-.813
352	-.733	.139	-.252	-1.388	438	-.475	.115	-.064	-.966
353	-.627	.140	-.161	-1.289	439	-.563	.125	-.055	-1.171
354	-.595	.171	-.134	-1.641	440	-.712	.173	-.025	-1.346
401	-.744	.170	-.320	-1.730	441	-.284	.308	.543	-1.423
402	-.708	.114	-.344	-1.207	442	-.464	.203	.477	-1.229
403	-.685	.114	-.394	-1.368	443	-.398	.086	-.013	-.721
404	-.689	.106	-.392	-1.573	444	-.556	.006	-.534	-.582
405	-.669	.092	-.420	-1.263	445	-.416	.075	-.102	-.923
406	-.666	.093	-.390	-1.215	446	.136	.115	.645	-.352
407	-.783	.219	-.213	-2.309	447	-.323	.103	.138	-.638
408	-.750	.161	-.181	-1.599	448	-.377	.088	.020	-.614
409	-.729	.140	-.197	-1.664	449	-.404	.077	-.059	-.661
410	-.716	.115	-.384	-1.374	450	-.450	.093	-.089	-.825
411	-.691	.098	-.420	-1.251	451	-.153	.096	.205	-.709
412	-.699	.107	-.404	-1.088	501	-.726	.140	-.364	-1.505
413	-.834	.251	-.175	-2.342	502	-.606	.122	-.191	-1.167
414	-.780	.180	-.151	-1.768	503	-.659	.090	-.366	-1.064
415	-.793	.174	-.213	-1.796	504	-.852	.142	-.414	-1.380
416	-.780	.138	-.404	-1.603					
417	-.750	.115	-.437	-1.235					
418	-.742	.113	-.433	-1.223					
419	-.828	.230	-.030	-1.905					
420	-.816	.191	-.111	-1.698					
421	-.879	.172	-.354	-1.809					
422	-.865	.142	-.467	-1.847					
423	-.824	.120	-.457	-1.330					
424	-.805	.122	-.364	-1.328					
425	-.754	.178	-.119	-1.780					
426	-.805	.173	-.135	-1.477					
427	-.917	.166	-.286	-1.662					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.502	.104	-.217	-1.147	141	-.515	.063	-.329	-.804
102	-.490	.086	-.239	-1.071	142	-.521	.080	-.241	-1.242
103	-.489	.071	-.249	-.867	143	-.610	.076	-.354	-1.054
104	-.484	.071	-.220	-.797	144	-.579	.065	-.371	-.913
105	-.498	.081	-.229	-.896	145	-.570	.063	-.370	-.823
106	-.503	.093	-.196	-1.042	146	-.526	.059	-.294	-.794
107	-.518	.102	-.217	-1.074	147	-.516	.065	-.284	-.718
108	-.516	.097	-.201	-1.036	148	-.519	.066	-.281	-.751
109	-.475	.070	-.223	-.861	149	-.512	.091	-.225	-1.489
110	-.458	.061	-.283	-.825	150	-.599	.073	-.387	-.941
111	-.450	.054	-.270	-.778	151	-.594	.070	-.403	-.926
112	-.448	.057	-.244	-.667	152	-.584	.075	-.357	-1.005
113	-.461	.073	-.230	-1.109	153	-.548	.080	-.071	-.964
114	-.509	.100	-.162	-1.158	154	-.527	.080	-.110	-.758
115	-.519	.082	-.238	-.871	155	-.552	.077	-.172	-.835
116	-.467	.063	-.271	-.719	156	-.557	.066	-.275	-.790
117	-.462	.061	-.226	-.831	157	-.594	.082	-.359	-1.028
118	-.455	.055	-.196	-.722	158	-.584	.075	-.387	-1.060
119	-.463	.062	-.281	-.835	159	-.587	.087	-.386	-1.063
120	-.477	.079	-.178	-.977	160	-.554	.080	-.259	-1.025
121	-.532	.117	-.104	-1.100	161	-.550	.061	-.286	-.757
122	-.537	.088	-.230	-.939	162	-.540	.060	-.245	-.713
123	-.485	.068	-.232	-.748	163	-.532	.064	-.174	-.712
124	-.458	.060	-.264	-.648	201	-.020	.079	.216	-.277
125	-.454	.057	-.184	-.670	202	.111	.086	.412	-.174
126	-.470	.060	-.248	-.694	203	.176	.101	.503	-.186
127	-.492	.073	-.213	-.774	204	.182	.108	.548	-.170
128	-.536	.112	-.115	-1.022	205	.173	.106	.529	-.220
129	-.564	.087	-.267	-1.090	206	.075	.098	.377	-.342
130	-.520	.074	-.236	-.854	207	-.063	.090	.226	-.506
131	-.505	.066	-.239	-.768	208	.155	.095	.507	-.244
132	-.495	.060	-.244	-.738	209	.531	.122	.939	.146
133	-.512	.064	-.296	-.748	210	.650	.127	.983	.277
134	-.522	.074	-.275	-.860	211	.646	.125	.994	.241
135	-.554	.094	-.242	-.926	212	.584	.121	.922	.207
136	-.600	.085	-.322	-.962	213	.408	.110	.755	.043
137	-.569	.072	-.312	-.864	214	.033	.089	.318	-.366
138	-.543	.064	-.271	-.786	215	.163	.090	.501	-.123
139	-.528	.055	-.325	-.757	216	.551	.111	.910	.226
140	-.519	.062	-.328	-.791	217	.657	.117	1.024	.276

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.657	.112	.974	.278	302	-.505	.086	-.210	-.988
219	.567	.107	.888	.207	303	-.526	.099	-.208	-1.085
220	.384	.100	.734	.071	304	-.540	.119	-.181	-1.311
221	-.006	.080	.307	-.302	305	-.542	.129	-.133	-1.359
222	.154	.101	.569	-.239	306	-.583	.193	.184	-1.713
223	.522	.119	.910	.171	307	-.502	.073	-.260	-.885
224	.628	.124	.975	.245	308	-.511	.072	-.292	-.891
225	.614	.120	.995	.273	309	-.517	.082	-.295	-1.026
226	.523	.118	.893	.136	310	-.530	.091	-.231	-1.076
227	.335	.107	.712	.006	311	-.581	.126	-.119	-1.486
228	-.045	.086	.276	-.349	312	-.590	.158	-.190	-1.862
229	.132	.093	.450	-.311	313	-.506	.069	-.301	-.768
230	.492	.109	.907	.189	314	-.510	.068	-.298	-.880
231	.599	.111	1.005	.266	315	-.526	.075	-.307	-1.007
232	.588	.107	.949	.250	316	-.553	.090	-.294	-1.324
233	.504	.114	.853	.184	317	-.597	.129	-.210	-1.490
234	.315	.099	.642	-.009	318	-.604	.176	-.163	-2.070
235	-.058	.075	.244	-.337	319	-.527	.072	-.239	-.823
236	.109	.111	.494	-.448	320	-.536	.072	-.315	-.867
237	.413	.118	.862	-.077	321	-.545	.081	-.310	-1.289
238	.497	.113	.923	.161	322	-.581	.094	-.239	-1.088
239	.499	.110	.898	.203	323	-.638	.135	-.240	-1.393
240	.421	.106	.841	.082	324	-.642	.147	-.229	-1.555
241	.262	.094	.551	-.057	325	-.565	.069	-.328	-.881
242	-.105	.075	.184	-.360	326	-.572	.070	-.328	-1.000
243	.343	.107	.703	.023	327	-.589	.077	-.343	-1.198
244	.395	.109	.799	.048	328	-.620	.088	-.391	-1.460
245	.409	.109	1.067	.079	329	-.656	.132	-.237	-1.489
246	.376	.106	.760	.009	330	-.662	.175	-.216	-2.004
247	.308	.105	.730	-.098	331	-.568	.063	-.366	-1.212
248	.151	.099	.509	-.232	332	-.575	.065	-.387	-1.410
249	-.200	.085	.152	-.503	333	-.583	.069	-.375	-1.115
250	.113	.079	.475	-.318	334	-.591	.079	-.335	-1.114
251	.287	.087	.762	0.000	335	-.620	.097	-.264	-1.262
252	.356	.090	.812	.089	336	-.629	.129	-.286	-1.586
253	.350	.098	.701	.120	337	-.596	.064	-.393	-.849
254	.230	.091	.580	-.007	338	-.594	.065	-.391	-.889
255	.049	.089	.418	-.227	339	-.606	.072	-.410	-1.212
256	-.209	.100	.162	-.642	340	-.611	.077	-.359	-1.190
301	-.492	.084	-.250	-.971	341	-.622	.089	-.273	-1.256

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.621	.112	-.268	-1.606	428	-.626	.142	-.266	-1.677
343	-.634	.094	-.410	-1.033	429	-.607	.124	-.341	-1.633
344	-.639	.097	-.398	-1.233	430	-.597	.111	-.378	-1.424
345	-.649	.106	-.391	-1.394	431	-.519	.106	-.032	-1.451
346	-.638	.105	-.334	-1.197	432	-.539	.116	-.171	-1.087
347	-.625	.095	-.264	-1.376	433	-.610	.133	-.096	-1.447
348	-.607	.095	-.289	-1.267	434	-.686	.160	-.219	-1.592
349	-.645	.198	-.255	-1.943	435	-.685	.185	-.252	-2.257
350	-.677	.237	-.018	-2.004	436	-.672	.172	-.302	-1.786
351	-.662	.109	-.364	-1.251	437	-.516	.067	-.244	-.742
352	-.615	.108	-.173	-1.105	438	-.526	.067	-.319	-.762
353	-.570	.092	-.161	-.985	439	-.503	.097	-.177	-.915
354	-.554	.091	-.312	-1.053	440	-.562	.183	-.057	-1.335
401	-.597	.188	-.022	-1.697	441	-.261	.270	.437	-1.392
402	-.548	.092	-.208	-1.029	442	-.412	.171	.100	-1.360
403	-.539	.123	-.174	-1.406	443	-.537	.076	-.271	-.880
404	-.543	.116	-.258	-1.375	444	-.778	.006	-.755	-.801
405	-.526	.096	-.275	-1.162	445	-.535	.058	-.348	-.750
406	-.521	.095	-.263	-1.150	446	.078	.113	.600	-.262
407	-.620	.191	.095	-1.824	447	-.489	.065	-.184	-.767
408	-.592	.138	-.036	-1.289	448	-.508	.059	-.250	-.771
409	-.559	.122	-.137	-1.382	449	-.503	.057	-.307	-.710
410	-.551	.109	-.275	-1.419	450	-.536	.076	-.286	-.841
411	-.524	.088	-.276	-1.129	451	-.200	.102	.178	-.828
412	-.520	.084	-.201	-.897	501	-.548	.147	-.100	-1.312
413	-.663	.237	-.041	-2.358	502	-.552	.147	-.210	-1.508
414	-.630	.164	-.074	-1.398	503	-.503	.088	-.273	-1.094
415	-.595	.150	-.253	-1.542	504	-.484	.081	-.272	-.974
416	-.586	.128	-.227	-1.318					
417	-.564	.103	-.227	-1.172					
418	-.556	.099	-.229	-1.026					
419	-.666	.232	-.067	-1.989					
420	-.633	.180	.001	-1.746					
421	-.642	.174	.075	-1.642					
422	-.634	.153	-.179	-1.826					
423	-.598	.119	-.268	-1.327					
424	-.580	.103	-.276	-1.276					
425	-.647	.187	-.087	-1.865					
426	-.623	.144	-.023	-1.396					
427	-.657	.150	-.188	-1.415					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.427	.065	-.252	-.780	141	-.596	.118	-.302	-1.187
102	-.425	.059	-.237	-.653	142	-.580	.118	-.256	-1.200
103	-.426	.039	-.288	-.544	143	-.519	.081	-.299	-.859
104	-.428	.055	-.240	-.658	144	-.493	.064	-.247	-.824
105	-.440	.069	-.154	-.768	145	-.484	.055	-.294	-.800
106	-.427	.087	-.087	-.887	146	-.477	.055	-.253	-.764
107	-.434	.096	-.068	-.881	147	-.512	.062	-.312	-.805
108	-.417	.062	-.178	-.808	148	-.605	.105	-.331	-1.206
109	-.405	.052	-.262	-.618	149	-.824	.297	-.272	-2.794
110	-.411	.049	-.237	-.618	150	-.511	.088	-.316	-.952
111	-.423	.052	-.277	-.662	151	-.492	.071	-.312	-.843
112	-.432	.062	-.244	-.712	152	-.475	.064	-.290	-.744
113	-.456	.083	-.129	-.816	153	-.471	.068	-.200	-.797
114	-.501	.125	-.046	-1.033	154	-.499	.066	-.312	-.824
115	-.420	.060	-.219	-.672	155	-.525	.071	-.312	-.794
116	-.410	.054	-.119	-.597	156	-.539	.079	-.305	-.864
117	-.414	.048	-.162	-.588	157	-.495	.082	-.238	-.962
118	-.435	.051	-.257	-.756	158	-.478	.066	-.284	-.896
119	-.453	.066	-.228	-.734	159	-.471	.060	-.275	-.724
120	-.465	.095	-.138	-.824	160	-.466	.057	-.277	-.705
121	-.522	.129	-.054	-1.086	161	-.503	.064	-.325	-.746
122	-.462	.075	-.199	-.803	162	-.506	.063	-.313	-.758
123	-.464	.092	-.147	-.958	163	-.491	.063	-.293	-.737
124	-.489	.122	-.109	-1.043	201	.040	.110	.410	-.366
125	-.466	.055	-.269	-.693	202	.156	.088	.443	-.187
126	-.477	.068	-.232	-.781	203	.220	.098	.499	-.138
127	-.487	.097	-.115	-.990	204	.184	.100	.483	-.204
128	-.520	.145	.009	-1.187	205	.127	.094	.425	-.231
129	-.473	.075	-.181	-.853	206	.040	.083	.293	-.256
130	-.459	.061	-.153	-.689	207	-.103	.069	.137	-.350
131	-.468	.054	-.160	-.633	208	.252	.121	.650	-.221
132	-.489	.061	-.082	-.744	209	.636	.133	.967	.059
133	-.520	.078	-.322	-.862	210	.674	.123	1.131	.219
134	-.520	.094	-.269	-.983	211	.609	.113	.984	.221
135	-.537	.113	-.209	-.978	212	.498	.104	.799	.144
136	-.502	.070	-.281	-.864	213	.299	.090	.572	-.015
137	-.485	.058	-.244	-.711	214	-.042	.068	.200	-.312
138	-.484	.053	-.297	-.684	215	.250	.127	.752	-.226
139	-.516	.066	-.344	-.816	216	.636	.133	1.009	.206
140	-.585	.104	-.352	-1.193	217	.676	.126	1.042	.273

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.616	.114	1.003	.261	302	-.405	.057	-.241	-.667
219	.485	.106	.858	.131	303	-.413	.056	-.255	-.661
220	.285	.092	.597	-.024	304	-.419	.058	-.249	-.687
221	-.057	.068	.167	-.334	305	-.433	.065	-.261	-.814
222	.207	.132	.742	-.310	306	-.448	.086	-.210	-1.024
223	.582	.132	1.001	.212	307	-.398	.058	-.202	-.675
224	.635	.122	.981	.314	308	-.404	.057	-.237	-.663
225	.563	.112	.897	.249	309	-.411	.059	-.249	-.673
226	.444	.100	.842	.088	310	-.428	.065	-.179	-.791
227	.243	.084	.575	-.024	311	-.442	.076	-.226	-1.152
228	-.083	.063	.131	-.316	312	-.456	.090	-.281	-1.421
229	.187	.132	.658	-.309	313	-.405	.061	-.220	-.699
230	.551	.134	1.035	.046	314	-.398	.057	-.216	-.775
231	.590	.123	1.000	.166	315	-.406	.056	-.194	-.646
232	.522	.113	.823	.102	316	-.423	.060	-.237	-.728
233	.396	.102	.712	.063	317	-.442	.078	-.267	-1.009
234	.216	.087	.527	-.085	318	-.459	.090	-.275	-.952
235	-.104	.065	.187	-.396	319	-.404	.058	-.218	-.618
236	.142	.143	.640	-.423	320	-.413	.056	-.239	-.640
237	.495	.140	.889	-.006	321	-.424	.056	-.237	-.644
238	.519	.121	.878	.122	322	-.428	.063	-.230	-.791
239	.431	.104	.786	.109	323	-.450	.076	-.273	-1.213
240	.309	.093	.651	.026	324	-.476	.095	-.269	-1.183
241	.144	.083	.438	-.115	325	-.434	.060	-.212	-.697
242	-.146	.068	.068	-.377	326	-.442	.063	-.224	-.763
243	.403	.144	.845	-.054	327	-.451	.064	-.257	-.818
244	.414	.125	.795	.009	328	-.466	.070	-.239	-.850
245	.385	.109	.806	.030	329	-.487	.086	-.279	-1.234
246	.305	.092	.658	.024	330	-.494	.105	-.190	-1.225
247	.184	.083	.503	-.052	331	-.441	.065	-.224	-.758
248	.024	.080	.440	-.259	332	-.441	.066	-.213	-.760
249	-.250	.068	.055	-.521	333	-.462	.067	-.251	-.867
250	.123	.101	.693	-.381	334	-.470	.072	-.270	-.976
251	.251	.088	.621	-.054	335	-.482	.080	-.283	-1.191
252	.308	.078	.586	.022	336	-.488	.094	-.251	-1.117
253	.287	.075	.632	.061	337	-.475	.067	-.287	-.769
254	.184	.068	.429	.002	338	-.474	.069	-.281	-.769
255	.022	.066	.264	-.181	339	-.480	.073	-.227	-.965
256	-.184	.075	.050	-.544	340	-.483	.075	-.248	-.911
301	-.399	.063	-.190	-.742	341	-.508	.090	-.288	-1.013

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.505	.104	-.277	-1.377	428	-.819	.227	.128	-1.847
343	-.485	.082	-.231	-.860	429	-.837	.211	-.311	-1.873
344	-.484	.084	-.255	-1.033	430	-.827	.199	-.331	-1.864
345	-.501	.088	-.279	-1.083	431	-.508	.099	-.218	-1.056
346	-.495	.086	-.270	-.917	432	-.505	.115	-.148	-1.056
347	-.501	.095	-.272	-1.279	433	-.550	.153	-.052	-1.122
348	-.499	.118	-.233	-1.477	434	-.767	.196	-.165	-1.634
349	-.489	.135	-.081	-1.401	435	-.967	.270	-.351	-2.165
350	-.494	.140	-.091	-1.566	436	-.954	.259	-.399	-2.178
351	-.474	.091	-.246	-.943	437	-.561	.125	-.233	-1.205
352	-.466	.097	-.227	-1.054	438	-.512	.084	-.220	-1.093
353	-.480	.107	-.240	-1.533	439	-.551	.126	-.113	-1.279
354	-.485	.136	-.227	-1.888	440	-.649	.206	-.067	-1.387
401	-.461	.144	-.012	-1.525	441	-.104	.268	.477	-1.618
402	-.503	.153	-.004	-1.317	442	-.394	.221	.425	-1.461
403	-.606	.181	-.047	-1.590	443	-.435	.078	-.146	-.739
404	-.723	.195	-.116	-1.782	444	-.562	.007	-.538	-.588
405	-.775	.229	-.255	-1.643	445	-.479	.084	.043	-.828
406	-.854	.402	-.294	-3.001	446	.165	.140	.664	-.327
407	-.588	.243	.151	-1.970	447	-.465	.059	-.301	-.695
408	-.575	.206	.155	-1.397	448	-.452	.061	-.128	-.680
409	-.685	.229	.208	-1.664	449	-.422	.061	-.233	-.691
410	-.752	.239	-.208	-1.890	450	-.443	.069	-.240	-.728
411	-.719	.217	-.259	-1.847	451	-.189	.102	.141	-.747
412	-.734	.224	-.255	-1.594	501	-.430	.122	.018	-1.015
413	-.584	.282	.135	-1.910	502	-.451	.084	-.222	-1.062
414	-.580	.240	.177	-1.692	503	-.662	.151	-.267	-1.182
415	-.708	.272	.165	-1.831	504	-.418	.069	-.133	-.712
416	-.800	.258	-.029	-2.039					
417	-.772	.228	-.214	-1.694					
418	-.752	.219	-.249	-1.847					
419	-.586	.268	.033	-1.984					
420	-.575	.243	.175	-1.649					
421	-.704	.266	.198	-1.870					
422	-.810	.272	.190	-1.990					
423	-.815	.257	-.247	-1.957					
424	-.777	.216	-.310	-2.031					
425	-.558	.192	-.100	-1.566					
426	-.583	.190	.049	-1.340					
427	-.710	.218	.198	-1.576					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.364	.050	-.212	-.788	141	-.510	.083	-.295	-.795
102	-.360	.045	-.197	-.626	142	-.503	.082	-.265	-.808
103	-.358	.041	-.219	-.532	143	-.400	.056	-.167	-.713
104	-.352	.044	-.197	-.509	144	-.381	.046	-.146	-.582
105	-.350	.046	-.184	-.520	145	-.396	.052	-.215	-.690
106	-.346	.048	-.186	-.541	146	-.431	.061	-.241	-.706
107	-.339	.044	-.194	-.503	147	-.477	.079	-.260	-.941
108	-.363	.043	-.211	-.642	148	-.498	.098	-.246	-.955
109	-.359	.036	-.251	-.538	149	-.538	.166	-.295	-2.193
110	-.357	.033	-.263	-.487	150	-.374	.064	-.200	-.661
111	-.358	.034	-.238	-.477	151	-.347	.048	-.211	-.558
112	-.351	.040	-.224	-.515	152	-.342	.045	-.203	-.513
113	-.356	.051	-.181	-.575	153	-.377	.048	-.221	-.560
114	-.352	.053	-.164	-.553	154	-.402	.049	-.259	-.617
115	-.392	.050	-.227	-.696	155	-.411	.051	-.253	-.607
116	-.380	.041	-.211	-.545	156	-.416	.060	-.200	-.668
117	-.382	.035	-.289	-.522	157	-.368	.064	-.181	-.757
118	-.381	.036	-.269	-.519	158	-.342	.049	-.184	-.724
119	-.377	.044	-.247	-.557	159	-.338	.046	-.168	-.580
120	-.368	.056	-.193	-.598	160	-.366	.050	-.216	-.539
121	-.376	.077	-.124	-.729	161	-.428	.049	-.250	-.618
122	-.419	.058	-.213	-.697	162	-.416	.046	-.278	-.586
123	-.412	.046	-.227	-.618	163	-.403	.046	-.257	-.560
124	-.411	.043	-.249	-.602	201	-.212	.119	.585	-.161
125	-.415	.047	-.268	-.781	202	.230	.096	.526	-.072
126	-.408	.052	-.238	-.712	203	.263	.097	.534	-.038
127	-.402	.057	-.196	-.659	204	.194	.091	.437	-.072
128	-.399	.073	-.171	-.727	205	.098	.078	.357	-.143
129	-.424	.058	-.227	-.710	206	-.005	.070	.253	-.254
130	-.420	.048	-.246	-.611	207	-.132	.053	.057	-.317
131	-.446	.055	-.279	-.648	208	.349	.138	.782	-.089
132	-.463	.070	-.285	-.854	209	.668	.132	1.072	.251
133	-.473	.067	-.311	-1.038	210	.639	.110	.941	.250
134	-.463	.067	-.278	-.873	211	.529	.098	.819	.170
135	-.466	.077	-.244	-1.006	212	.389	.085	.626	.091
136	-.412	.050	-.250	-.677	213	.194	.067	.399	-.038
137	-.425	.051	-.240	-.694	214	-.089	.052	.154	-.282
138	-.460	.060	-.285	-.700	215	.333	.139	.825	-.169
139	-.512	.077	-.306	-.998	216	.674	.125	1.042	.271
140	-.531	.094	-.304	-1.051	217	.654	.105	1.010	.308

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.522	.097	.820	.205	302	-.325	.046	-.163	-.542
219	.368	.082	.635	.092	303	-.335	.046	-.172	-.561
220	.175	.068	.398	-.047	304	-.340	.046	-.172	-.556
221	-.104	.049	.075	-.279	305	-.340	.047	-.154	-.566
222	.245	.141	.741	-.464	306	-.338	.048	-.191	-.597
223	.576	.137	.952	-.090	307	-.324	.039	-.192	-.483
224	.588	.117	.930	.107	308	-.328	.039	-.205	-.492
225	.488	.099	.792	.104	309	-.328	.038	-.204	-.493
226	.361	.077	.674	.128	310	-.336	.037	-.217	-.468
227	.163	.064	.412	-.026	311	-.340	.036	-.227	-.474
228	-.117	.048	.073	-.295	312	-.347	.040	-.222	-.608
229	.230	.131	.747	-.187	313	-.336	.040	-.204	-.530
230	.562	.128	.960	.144	314	-.342	.037	-.213	-.486
231	.565	.109	.886	.256	315	-.349	.038	-.216	-.480
232	.465	.091	.722	.196	316	-.353	.037	-.235	-.525
233	.334	.068	.566	.084	317	-.350	.037	-.232	-.537
234	.147	.056	.344	-.044	318	-.355	.045	-.210	-.630
235	-.131	.044	.018	-.306	319	-.350	.040	-.195	-.506
236	.229	.145	.775	-.329	320	-.354	.040	-.210	-.497
237	.503	.127	.948	.071	321	-.355	.041	-.204	-.506
238	.505	.105	.844	.153	322	-.364	.040	-.222	-.537
239	.403	.088	.664	.075	323	-.372	.042	-.226	-.578
240	.268	.075	.522	.018	324	-.383	.045	-.216	-.637
241	.106	.064	.382	-.107	325	-.357	.041	-.186	-.489
242	-.137	.047	.075	-.338	326	-.358	.043	-.214	-.533
243	.321	.131	.780	-.331	327	-.371	.042	-.235	-.565
244	.351	.117	.826	-.013	328	-.385	.041	-.252	-.549
245	.329	.100	.707	.051	329	-.389	.045	-.244	-.682
246	.277	.081	.547	.044	330	-.396	.050	-.222	-.647
247	.180	.071	.427	-.053	331	-.346	.045	-.195	-.533
248	.044	.060	.273	-.142	332	-.344	.045	-.195	-.540
249	-.177	.049	.031	-.375	333	-.368	.046	-.202	-.597
250	.061	.076	.531	-.235	334	-.394	.050	-.227	-.713
251	.156	.071	.506	-.120	335	-.402	.051	-.276	-.755
252	.227	.069	.504	-.033	336	-.390	.051	-.256	-.715
253	.247	.067	.518	-.020	337	-.346	.051	-.173	-.571
254	.177	.062	.411	-.011	338	-.350	.052	-.166	-.667
255	.047	.062	.304	-.153	339	-.360	.053	-.189	-.589
256	-.120	.066	.162	-.497	340	-.390	.060	-.204	-.689
301	-.317	.043	-.181	-.528	341	-.414	.072	-.236	-1.011

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.400	.070	-.211	-.840	428	-.710	.213	.055	-1.582
343	-.352	.063	-.175	-.706	429	-.883	.169	-.258	-1.839
344	-.352	.064	-.173	-.771	430	-.874	.150	-.455	-1.606
345	-.371	.073	-.186	-1.262	431	-.401	.059	-.220	-.662
346	-.373	.075	-.166	-.762	432	-.318	.065	-.102	-.620
347	-.421	.103	-.193	-1.322	433	-.252	.089	.025	-.731
348	-.417	.120	-.166	-1.433	434	-.350	.195	.113	-1.239
349	-.357	.086	-.096	-1.084	435	-.909	.272	.138	-1.977
350	-.364	.089	-.115	-.931	436	-.956	.211	-.273	-1.933
351	-.343	.067	-.138	-.849	437	-.369	.086	-.033	-.711
352	-.347	.076	-.158	-1.040	438	-.319	.072	-.062	-.615
353	-.383	.091	.056	-1.035	439	-.287	.128	.262	-.895
354	-.401	.131	-.051	-1.477	440	-.343	.167	.155	-1.073
401	-.277	.039	-.132	-.412	441	-.039	.229	.504	-1.091
402	-.274	.044	-.120	-.514	442	-.307	.184	.413	-1.089
403	-.267	.053	-.050	-.722	443	-.324	.088	.009	-.657
404	-.339	.085	-.104	-1.120	444	-.198	.006	-.176	-.218
405	-.594	.195	-.107	-1.308	445	-.287	.083	.038	-.735
406	-1.315	.343	-.486	-2.818	446	.059	.120	.666	-.346
407	-.323	.064	-.090	-.634	447	-.375	.048	-.231	-.547
408	-.322	.139	.136	-.933	448	-.341	.053	-.167	-.637
409	-.387	.221	.217	-1.412	449	-.287	.045	-.144	-.595
410	-.693	.316	.295	-1.854	450	-.302	.052	-.111	-.598
411	-.995	.181	-.117	-1.943	451	-.124	.077	.196	-.535
412	-.940	.153	-.430	-1.698	501	-.336	.056	-.122	-.537
413	-.352	.097	-.056	-1.073	502	-.368	.061	-.158	-.823
414	-.362	.167	.157	-1.057	503	-.638	.095	-.326	-1.033
415	-.455	.262	.207	-1.393	504	-.336	.052	-.164	-.644
416	-.749	.314	.371	-1.876					
417	-.968	.206	.022	-2.407					
418	-.936	.171	-.449	-2.134					
419	-.388	.102	-.068	-1.126					
420	-.411	.178	.110	-1.281					
421	-.548	.227	.081	-1.517					
422	-.805	.224	.090	-1.830					
423	-.914	.183	-.399	-2.159					
424	-.876	.172	-.348	-1.903					
425	-.403	.069	-.158	-.787					
426	-.380	.109	-.028	-.914					
427	-.453	.186	.037	-1.227					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.250	.077	-.040	-.774	141	-.393	.093	-.182	-.867
102	-.239	.071	-.038	-.817	142	-.381	.086	-.160	-.802
103	-.276	.093	-.068	-.932	143	-.244	.056	-.031	-.545
104	-.274	.071	-.121	-.742	144	-.223	.045	-.053	-.418
105	-.234	.037	-.124	-.427	145	-.234	.045	-.081	-.420
106	-.217	.037	-.095	-.383	146	-.258	.048	-.111	-.536
107	-.213	.036	-.092	-.375	147	-.314	.064	-.142	-.690
108	-.266	.054	-.086	-.536	148	-.395	.095	-.179	-.881
109	-.260	.042	-.146	-.467	149	-.586	.280	-.120	-2.045
110	-.254	.036	-.139	-.400	150	-.229	.064	-.053	-.598
111	-.250	.036	-.136	-.403	151	-.197	.045	-.034	-.430
112	-.240	.037	-.106	-.381	152	-.194	.041	-.059	-.363
113	-.243	.040	-.095	-.415	153	-.219	.045	-.066	-.417
114	-.237	.040	-.103	-.403	154	-.250	.045	-.108	-.443
115	-.290	.048	-.164	-.517	155	-.252	.048	-.074	-.482
116	-.280	.040	-.158	-.439	156	-.263	.058	-.100	-.619
117	-.286	.034	-.163	-.412	157	-.190	.062	-.022	-.585
118	-.285	.037	-.142	-.423	158	-.173	.042	-.041	-.371
119	-.278	.040	-.124	-.458	159	-.179	.040	-.047	-.362
120	-.270	.041	-.123	-.477	160	-.214	.045	-.053	-.396
121	-.271	.045	-.105	-.457	161	-.254	.042	-.126	-.436
122	-.299	.050	-.127	-.572	162	-.242	.040	-.117	-.459
123	-.293	.039	-.136	-.465	163	-.232	.040	-.103	-.414
124	-.304	.042	-.179	-.569	201	.512	.178	1.049	-.284
125	-.318	.045	-.171	-.519	202	.417	.131	.759	-.111
126	-.313	.048	-.139	-.511	203	.354	.109	.655	-.089
127	-.306	.050	-.140	-.618	204	.274	.092	.590	-.127
128	-.307	.054	-.124	-.638	205	.159	.076	.415	-.226
129	-.297	.049	-.130	-.650	206	.060	.065	.294	-.356
130	-.298	.044	-.145	-.522	207	-.058	.048	.126	-.349
131	-.319	.051	-.174	-.551	208	.404	.210	1.015	-.394
132	-.341	.061	-.127	-.629	209	.601	.177	1.065	-.012
133	-.346	.059	-.148	-.653	210	.516	.141	.858	.090
134	-.339	.060	-.170	-.655	211	.412	.114	.736	.030
135	-.338	.068	-.170	-.850	212	.299	.094	.560	-.069
136	-.270	.051	-.098	-.477	213	.145	.071	.363	-.198
137	-.269	.048	-.111	-.541	214	-.059	.048	.165	-.297
138	-.287	.050	-.121	-.488	215	.281	.205	1.012	-.477
139	-.331	.066	-.131	-.625	216	.508	.168	1.073	-.194
140	-.394	.090	-.111	-.920	217	.476	.134	.996	.039

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.389	.111	.788	.039	302	-.203	.040	-.042	-.442
219	.273	.090	.585	-.017	303	-.210	.040	-.051	-.419
220	.127	.071	.367	-.131	304	-.216	.040	-.081	-.397
221	-.069	.046	.077	-.273	305	-.211	.044	-.044	-.479
222	.138	.195	1.134	-.496	306	-.214	.050	-.022	-.573
223	.365	.163	.970	-.123	307	-.212	.035	-.081	-.380
224	.375	.139	.854	-.028	308	-.215	.034	-.107	-.384
225	.323	.121	.811	.006	309	-.215	.034	-.106	-.386
226	.229	.105	.596	-.160	310	-.215	.033	-.097	-.371
227	.099	.081	.412	-.171	311	-.219	.032	-.104	-.360
228	-.086	.053	.119	-.296	312	-.233	.037	-.123	-.380
229	.035	.150	.675	-.502	313	-.217	.036	-.109	-.380
230	.229	.140	.810	-.239	314	-.222	.036	-.109	-.371
231	.240	.128	.701	-.134	315	-.225	.035	-.122	-.366
232	.212	.118	.611	-.109	316	-.231	.034	-.132	-.399
233	.151	.108	.508	-.121	317	-.234	.034	-.115	-.384
234	.053	.086	.313	-.184	318	-.250	.036	-.132	-.412
235	-.114	.056	.075	-.296	319	-.228	.042	-.094	-.500
236	-.033	.112	.558	-.372	320	-.233	.039	-.116	-.426
237	.111	.110	.618	-.258	321	-.237	.040	-.103	-.395
238	.140	.100	.526	-.158	322	-.246	.040	-.133	-.466
239	.118	.100	.477	-.169	323	-.258	.037	-.160	-.479
240	.077	.096	.410	-.188	324	-.271	.038	-.157	-.499
241	.003	.089	.361	-.278	325	-.232	.054	-.035	-.651
242	-.126	.062	.103	-.392	326	-.237	.055	.012	-.608
243	.029	.075	.390	-.267	327	-.247	.051	-.087	-.611
244	.049	.075	.451	-.258	328	-.262	.046	-.154	-.550
245	.045	.069	.372	-.252	329	-.267	.046	-.131	-.542
246	.036	.069	.353	-.208	330	-.275	.050	-.052	-.735
247	-.001	.071	.429	-.219	331	-.246	.055	-.064	-.668
248	-.057	.069	.302	-.282	332	-.251	.056	-.092	-.740
249	-.173	.063	.134	-.438	333	-.270	.055	-.118	-.613
250	-.023	.044	.282	-.232	334	-.283	.053	-.075	-.580
251	.006	.044	.191	-.217	335	-.292	.057	-.085	-.543
252	.038	.045	.267	-.184	336	-.289	.061	-.125	-.565
253	.055	.049	.473	-.083	337	-.264	.065	-.040	-.650
254	.025	.047	.377	-.112	338	-.272	.069	-.088	-.773
255	-.048	.046	.269	-.232	339	-.283	.079	-.077	-1.086
256	-.138	.058	.158	-.462	340	-.281	.069	-.026	-.629
301	-.195	.040	-.055	-.392	341	-.309	.082	-.070	-.786

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.300	.089	-.094	-.780	428	-.348	.155	.072	-1.040
343	-.281	.085	.022	-.887	429	-.562	.215	.061	-1.439
344	-.291	.092	-.022	-1.042	430	-.681	.210	-.186	-1.533
345	-.309	.090	-.064	-.880	431	-.312	.070	-.029	-.674
346	-.277	.088	-.028	-.988	432	-.230	.069	.145	-.609
347	-.276	.106	-.011	-1.042	433	-.200	.076	.105	-.598
348	-.273	.121	-.035	-1.380	434	-.252	.103	.050	-.729
349	-.280	.115	.125	-.970	435	-.400	.171	.042	-1.080
350	-.294	.117	-.026	-1.246	436	-.516	.199	.063	-1.655
351	-.231	.067	-.050	-.629	437	-.308	.097	.004	-.893
352	-.247	.098	-.004	-1.044	438	-.195	.051	0.000	-.388
353	-.231	.120	.261	-1.060	439	-.158	.075	.197	-.407
354	-.263	.169	.285	-1.537	440	-.152	.099	.208	-.657
401	-.067	.054	.152	-.287	441	-.105	.119	.352	-.893
402	.027	.081	.310	-.268	442	-.206	.136	.278	-.861
403	.085	.097	.451	-.249	443	-.181	.076	.116	-.593
404	.082	.100	.429	-.384	444	.015	.007	.039	-.006
405	.037	.108	.355	-.460	445	-.268	.061	.011	-.515
406	-.736	.390	.466	-2.402	446	-.067	.063	.195	-.420
407	-.207	.040	.010	-.368	447	-.211	.042	.007	-.355
408	-.171	.062	.103	-.495	448	-.160	.041	.029	-.317
409	-.152	.079	.193	-.567	449	-.137	.038	0.000	-.344
410	-.199	.153	.283	-1.015	450	-.147	.038	-.020	-.315
411	-.677	.293	.216	-1.987	451	-.097	.051	.086	-.455
412	-.821	.221	-.097	-2.617	501	-.796	.268	.293	-2.105
413	-.255	.051	.001	-.447	502	-.294	.057	-.112	-.574
414	-.262	.088	.068	-.658	503	-.259	.072	.023	-.599
415	-.277	.122	.113	-.841	504	-.254	.095	.064	-.699
416	-.357	.226	.323	-1.179					
417	-.719	.299	.322	-1.796					
418	-.814	.249	-.015	-2.121					
419	-.276	.062	.070	-.492					
420	-.257	.097	.122	-.914					
421	-.271	.127	.226	-1.046					
422	-.363	.201	.197	-1.292					
423	-.663	.299	.390	-1.912					
424	-.265	.102	.117	-.705					
425	-.276	.103	.065	-.674					
426	-.363	.200	.264	-1.197					
427	-.673	.302	.297	-1.888					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.351	.128	-.007	-1.054	141	-.224	.079	.018	-.801
102	-.331	.096	.048	-.949	142	-.277	.122	.096	-.941
103	-.339	.083	-.064	-.739	143	-.174	.038	-.049	-.363
104	-.346	.075	-.144	-.845	144	-.163	.030	-.051	-.271
105	-.338	.072	-.109	-.718	145	-.166	.029	-.068	-.280
106	-.331	.077	-.089	-.759	146	-.168	.031	-.054	-.287
107	-.318	.068	-.090	-.579	147	-.171	.034	-.041	-.314
108	-.377	.102	-.127	-.819	148	-.186	.046	-.049	-.506
109	-.351	.076	-.010	-.662	149	-.279	.150	.023	-2.062
110	-.367	.080	-.116	-.729	150	-.174	.046	-.017	-.364
111	-.395	.092	-.119	-.850	151	-.149	.032	-.031	-.256
112	-.396	.104	-.099	-.903	152	-.146	.031	-.008	-.280
113	-.379	.089	-.034	-.859	153	-.158	.038	-.011	-.280
114	-.367	.081	-.100	-.681	154	-.185	.043	.018	-.350
115	-.290	.066	-.083	-.647	155	-.206	.044	-.047	-.453
116	-.298	.067	-.004	-.568	156	-.218	.049	-.041	-.490
117	-.341	.088	-.004	-.780	157	-.155	.048	.088	-.401
118	-.398	.109	0.000	-.859	158	-.131	.031	.024	-.249
119	-.461	.150	.086	-1.220	159	-.124	.033	-.004	-.250
120	-.486	.197	.048	-1.767	160	-.140	.041	-.016	-.298
121	-.480	.201	.075	-2.004	161	-.192	.050	.057	-.468
122	-.239	.044	-.025	-.564	162	-.210	.054	-.023	-.561
123	-.230	.051	-.023	-.441	163	-.208	.054	-.106	-.647
124	-.239	.065	.011	-.540	201	.543	.182	.928	-.189
125	-.273	.087	.154	-.664	202	.464	.125	.853	-.085
126	-.331	.126	.116	-.921	203	.341	.078	.610	.018
127	-.406	.173	.090	-1.218	204	.191	.054	.360	-.004
128	-.450	.214	.078	-2.061	205	.064	.042	.250	-.089
129	-.211	.038	-.065	-.401	206	-.031	.036	.090	-.219
130	-.196	.037	-.042	-.367	207	-.104	.032	-.008	-.271
131	-.194	.039	-.031	-.384	208	.147	.235	.898	-.599
132	-.204	.048	.013	-.482	209	.524	.211	1.107	-.206
133	-.219	.062	.014	-.460	210	.534	.122	.907	-.151
134	-.241	.078	-.025	-.716	211	.360	.070	.582	.089
135	-.271	.104	.092	-.910	212	.203	.048	.377	-.008
136	-.193	.037	-.061	-.346	213	.052	.035	.215	-.112
137	-.184	.032	-.045	-.346	214	-.105	.034	.053	-.257
138	-.179	.032	-.048	-.343	215	-.110	.228	.862	-.762
139	-.182	.038	.049	-.431	216	.235	.262	1.054	-.574
140	-.195	.050	-.030	-.651	217	.442	.175	.936	-.322

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.383	.098	.814	-.225	302	-.181	.034	-.065	-.340
219	.212	.064	.503	-.060	303	-.198	.035	-.087	-.334
220	.057	.046	.285	-.168	304	-.198	.038	-.065	-.399
221	-.109	.033	.032	-.278	305	-.196	.051	-.028	-.581
222	-.157	.172	.669	-.652	306	-.220	.067	.003	-.734
223	.037	.273	.874	-.746	307	-.194	.028	-.085	-.281
224	.269	.226	.881	-.586	308	-.198	.027	-.102	-.288
225	.312	.122	.709	-.343	309	-.200	.028	-.112	-.293
226	.178	.082	.561	-.188	310	-.203	.028	-.100	-.308
227	.041	.055	.296	-.213	311	-.213	.030	-.106	-.324
228	-.110	.032	.032	-.288	312	-.242	.039	-.096	-.383
229	-.095	.107	.523	-.525	313	-.202	.030	-.097	-.346
230	-.006	.180	.724	-.568	314	-.206	.030	-.082	-.335
231	.120	.187	.720	-.481	315	-.209	.028	-.112	-.310
232	.193	.130	.596	-.388	316	-.220	.028	-.122	-.344
233	.145	.087	.488	-.294	317	-.231	.029	-.122	-.338
234	.050	.060	.289	-.241	318	-.252	.037	-.141	-.375
235	-.081	.043	.078	-.410	319	-.204	.034	-.066	-.416
236	-.064	.097	.575	-.486	320	-.208	.033	-.094	-.340
237	-.013	.135	.534	-.431	321	-.218	.031	-.102	-.360
238	.072	.148	.594	-.523	322	-.244	.032	-.125	-.393
239	.115	.109	.568	-.406	323	-.247	.031	-.135	-.422
240	.083	.080	.559	-.316	324	-.248	.033	-.115	-.427
241	.011	.062	.412	-.339	325	-.207	.058	-.026	-1.170
242	-.080	.049	.103	-.362	326	-.212	.066	-.028	-1.296
243	-.008	.098	.397	-.360	327	-.217	.047	-.088	-.775
244	.047	.099	.470	-.287	328	-.245	.026	-.178	-.343
245	.076	.082	.445	-.234	329	-.249	.038	-.121	-.431
246	.071	.064	.374	-.176	330	-.245	.040	-.071	-.458
247	.029	.051	.325	-.174	331	-.161	.072	.060	-.887
248	-.020	.043	.177	-.192	332	-.160	.062	.039	-.718
249	-.089	.043	.074	-.342	333	-.169	.042	-.041	-.415
250	-.038	.051	.263	-.357	334	-.186	.037	-.059	-.341
251	.001	.047	.271	-.140	335	-.189	.037	-.078	-.388
252	.041	.048	.312	-.099	336	-.176	.039	-.055	-.443
253	.062	.047	.303	-.096	337	-.152	.066	.016	-.835
254	.044	.040	.241	-.124	338	-.152	.057	.005	-.843
255	-.002	.036	.170	-.129	339	-.147	.039	-.041	-.410
256	-.057	.038	.083	-.286	340	-.164	.034	-.041	-.314
301	-.176	.036	-.050	-.324	341	-.188	.043	-.064	-.468

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.176	.042	-.041	-.413	428	-.201	.064	.085	-.665
343	-.135	.045	-.005	-.640	429	-.186	.084	.124	-1.034
344	-.136	.041	-.012	-.376	430	-.188	.097	.053	-.951
345	-.151	.041	-.048	-.397	431	-.097	.107	.330	-.454
346	-.151	.041	-.025	-.427	432	-.081	.096	.369	-.399
347	-.186	.059	-.043	-.564	433	-.110	.078	.254	-.490
348	-.191	.070	-.037	-.584	434	-.170	.075	.112	-.552
349	-.134	.057	.020	-.553	435	-.158	.084	.183	-.928
350	-.144	.061	.002	-.623	436	-.130	.110	.192	-1.022
351	-.125	.036	-.020	-.403	437	-.122	.045	.099	-.332
352	-.130	.042	-.023	-.545	438	-.079	.070	.241	-.530
353	-.141	.049	.030	-.598	439	-.040	.092	.310	-.443
354	-.155	.073	-.016	-.809	440	-.078	.081	.209	-.553
401	.110	.059	.371	-.115	441	-.098	.075	.154	-.525
402	.327	.084	.614	-.060	442	-.130	.103	.153	-.977
403	.457	.114	.743	-.291	443	-.116	.038	.023	-.271
404	.510	.168	1.045	-.381	444	-.111	.005	-.092	-.131
405	.424	.223	1.046	-.475	445	-.136	.047	.074	-.408
406	.295	.354	1.056	-1.697	446	-.094	.082	.192	-.607
407	-.221	.062	.081	-.480	447	-.130	.023	-.046	-.236
408	-.187	.084	.190	-.497	448	-.111	.024	.009	-.227
409	-.184	.084	.118	-.494	449	-.102	.026	-.016	-.280
410	-.231	.118	.147	-.700	450	-.124	.035	.009	-.360
411	-.532	.273	.356	-1.713	451	-.124	.067	.044	-.981
412	-.737	.344	.284	-2.367	501	-.142	.053	.075	-.346
413	-.318	.065	-.077	-.653	502	-.296	.108	.100	-.962
414	-.335	.084	.004	-.637	503	.272	.181	.650	-1.165
415	-.359	.100	.038	-.750	504	-.189	.040	-.063	-.396
416	-.425	.130	.043	-1.009					
417	-.517	.200	.137	-1.623					
418	-.485	.200	.090	-1.685					
419	-.351	.098	-.004	-1.026					
420	-.308	.102	.122	-.717					
421	-.308	.112	.152	-.981					
422	-.317	.113	.113	-.874					
423	-.310	.126	.162	-1.087					
424	-.312	.156	.143	-1.402					
425	-.280	.108	.140	-.839					
426	-.240	.106	.180	-.914					
427	-.247	.090	.159	-.771					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 300

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.178	.086	.053	-.693	141	-.343	.177	.111	-1.443
102	-.197	.098	.072	-.852	142	-.408	.200	.032	-1.955
103	-.230	.094	.039	-.836	143	-.089	.033	.012	-.338
104	-.346	.121	.014	-.924	144	-.090	.040	.049	-.440
105	-.542	.193	-.078	-1.591	145	-.106	.047	.086	-.449
106	-.758	.328	-.012	-2.424	146	-.117	.056	.068	-.588
107	-.829	.383	-.073	-2.795	147	-.142	.068	.070	-.693
108	-.147	.059	.036	-.591	148	-.267	.149	.047	-1.164
109	-.149	.059	.098	-.378	149	-.510	.308	.134	-2.690
110	-.171	.071	.066	-.475	150	-.091	.024	-.003	-.187
111	-.231	.088	.063	-.678	151	-.094	.027	.004	-.211
112	-.368	.147	.052	-.974	152	-.100	.031	.013	-.249
113	-.564	.237	.108	-1.643	153	-.108	.036	.039	-.345
114	-.624	.251	.014	-1.993	154	-.116	.037	.035	-.293
115	-.147	.050	.022	-.442	155	-.126	.041	.037	-.350
116	-.143	.055	.157	-.571	156	-.134	.042	.035	-.351
117	-.158	.068	.086	-.639	157	-.086	.022	.001	-.204
118	-.193	.078	.066	-.570	158	-.070	.022	.104	-.154
119	-.263	.108	.091	-.863	159	-.057	.025	.069	-.138
120	-.398	.185	.096	-1.532	160	-.052	.028	.111	-.137
121	-.567	.255	.145	-1.919	161	-.063	.035	.072	-.170
122	-.138	.051	.037	-.433	162	-.078	.048	.082	-.324
123	-.135	.058	.115	-.419	163	-.091	.062	.140	-.352
124	-.149	.067	.134	-.472	201	-.290	.349	.594	-1.531
125	-.185	.084	.304	-.573	202	-.077	.226	.437	-1.447
126	-.237	.097	.112	-.686	203	-.059	.142	.397	-.696
127	-.330	.139	.094	-1.062	204	-.018	.073	.232	-.337
128	-.436	.207	.094	-1.698	205	-.044	.055	.138	-.312
129	-.121	.045	.033	-.413	206	-.075	.044	.095	-.258
130	-.126	.052	.111	-.442	207	-.102	.034	.050	-.226
131	-.143	.058	.069	-.390	208	-.123	.131	.413	-.775
132	-.175	.072	.091	-.512	209	-.033	.128	.424	-.777
133	-.227	.098	.163	-.624	210	.016	.099	.552	-.299
134	-.318	.143	.065	-.967	211	.015	.075	.354	-.220
135	-.410	.181	.033	-1.318	212	-.013	.055	.253	-.216
136	-.100	.038	.024	-.304	213	-.057	.039	.101	-.242
137	-.107	.046	.076	-.315	214	-.104	.043	.069	-.370
138	-.124	.054	.099	-.430	215	-.262	.114	.557	-.716
139	-.157	.068	.052	-.557	216	-.165	.127	.585	-.629
140	-.227	.107	.111	-.820	217	-.067	.145	.641	-.475

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 300

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.007	.126	.492	-.404	302	-.127	.034	.007	-.268
219	.005	.096	.323	-.358	303	-.151	.035	-.018	-.309
220	-.034	.069	.287	-.339	304	-.157	.038	-.009	-.307
221	-.090	.042	.109	-.253	305	-.156	.055	.038	-.401
222	-.209	.077	.243	-.847	306	-.161	.082	.052	-.700
223	-.194	.086	.382	-.609	307	-.136	.033	-.031	-.253
224	-.144	.113	.449	-.547	308	-.140	.032	-.047	-.262
225	-.068	.123	.451	-.476	309	-.143	.030	-.057	-.258
226	-.045	.101	.457	-.433	310	-.157	.035	-.031	-.320
227	-.057	.076	.277	-.389	311	-.166	.046	-.021	-.454
228	-.099	.049	.090	-.346	312	-.172	.054	.009	-.641
229	-.120	.043	.079	-.359	313	-.135	.039	.031	-.447
230	-.124	.046	.043	-.316	314	-.139	.035	-.027	-.329
231	-.117	.057	.196	-.366	315	-.136	.028	-.041	-.262
232	-.092	.061	.216	-.397	316	-.141	.027	-.059	-.268
233	-.079	.056	.176	-.277	317	-.150	.040	-.028	-.423
234	-.075	.047	.116	-.249	318	-.162	.057	-.006	-.699
235	-.088	.039	.050	-.298	319	-.137	.050	.081	-.589
236	-.105	.036	.022	-.251	320	-.139	.040	-.038	-.464
237	-.115	.038	.083	-.434	321	-.138	.033	-.050	-.377
238	-.115	.046	.096	-.316	322	-.135	.027	-.032	-.246
239	-.093	.049	.142	-.362	323	-.134	.031	-.003	-.279
240	-.075	.047	.115	-.316	324	-.143	.037	.006	-.290
241	-.073	.042	.116	-.279	325	-.142	.062	-.015	-.740
242	-.083	.033	.068	-.264	326	-.138	.043	-.027	-.454
243	-.108	.039	.072	-.362	327	-.130	.033	-.031	-.299
244	-.103	.038	.076	-.264	328	-.126	.029	-.031	-.236
245	-.089	.040	.140	-.253	329	-.128	.033	-.028	-.264
246	-.068	.040	.133	-.240	330	-.132	.042	.022	-.330
247	-.054	.037	.133	-.179	331	-.099	.036	.026	-.449
248	-.056	.031	.120	-.185	332	-.098	.030	-.028	-.405
249	-.072	.026	.043	-.240	333	-.092	.023	.007	-.222
250	-.059	.025	.089	-.179	334	-.090	.023	-.022	-.198
251	-.046	.023	.057	-.144	335	-.096	.030	-.018	-.248
252	-.039	.023	.091	-.140	336	-.096	.031	-.006	-.283
253	-.039	.022	.063	-.124	337	-.083	.022	-.007	-.172
254	-.044	.021	.102	-.124	338	-.084	.021	-.020	-.174
255	-.050	.020	.037	-.128	339	-.089	.020	-.022	-.181
256	-.067	.020	.006	-.164	340	-.088	.020	0.000	-.183
301	-.124	.035	.001	-.251	341	-.093	.031	-.017	-.285

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 300

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.089	.032	-.004	-.292	428	-.068	.069	.314	-.455
343	-.087	.024	-.013	-.194	429	-.091	.054	.181	-.401
344	-.094	.024	-.022	-.209	430	-.106	.041	.041	-.338
345	-.094	.026	-.007	-.200	431	-.019	.131	.529	-.517
346	-.081	.023	.002	-.172	432	.041	.122	.571	-.396
347	-.087	.035	-.009	-.309	433	.022	.095	.421	-.240
348	-.083	.032	-.006	-.224	434	-.005	.074	.359	-.220
349	-.093	.026	-.026	-.231	435	-.047	.054	.274	-.251
350	-.102	.029	-.037	-.272	436	-.087	.037	.074	-.286
351	-.086	.025	-.013	-.209	437	-.094	.073	.235	-.368
352	-.083	.026	.018	-.190	438	.042	.070	.342	-.205
353	-.088	.034	-.004	-.231	439	.093	.086	.505	-.189
354	-.083	.033	.017	-.235	440	.046	.071	.407	-.164
401	-.026	.250	.681	-1.201	441	-.083	.032	.137	-.240
402	.187	.242	.987	-.578	442	-.115	.040	.057	-.270
403	.298	.214	.931	-.520	443	-.087	.049	.137	-.318
404	.437	.204	1.160	-.295	444	-.267	.006	-.246	-.285
405	.562	.182	1.108	-.081	445	-.080	.036	.192	-.213
406	.606	.193	1.104	-.153	446	-.096	.031	.018	-.285
407	-.276	.161	.551	-.752	447	-.052	.041	.185	-.153
408	-.219	.133	.631	-.570	448	-.070	.023	.039	-.142
409	-.228	.101	.230	-.560	449	-.081	.017	-.017	-.152
410	-.262	.089	.118	-.607	450	-.079	.017	-.022	-.152
411	-.297	.100	.084	-.640	451	-.087	.034	.013	-.346
412	-.309	.150	.352	-1.406	501	-.157	.155	.332	-.923
413	-.248	.151	.460	-1.035	502	-.170	.108	.153	-.825
414	-.230	.131	.389	-.617	503	-.021	.137	.436	-.755
415	-.259	.112	.404	-.725	504	-.135	.041	-.009	-.301
416	-.303	.110	.125	-1.208					
417	-.355	.143	.167	-1.110					
418	-.402	.171	.040	-1.222					
419	-.223	.143	.575	-1.030					
420	-.182	.131	.376	-.855					
421	-.167	.121	.246	-.962					
422	-.186	.118	.221	-.809					
423	-.210	.104	.149	-.844					
424	-.204	.101	.140	-.965					
425	-.207	.157	.477	-.905					
426	-.183	.129	.407	-.641					
427	-.174	.098	.267	-.651					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 315

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.156	.054	.022	-.372	141	-.403	.177	.088	-1.379
102	-.154	.055	.055	-.475	142	-.416	.180	.019	-1.506
103	-.176	.064	.082	-.591	143	-.151	.033	-.019	-.305
104	-.281	.104	.094	-.786	144	-.140	.031	-.046	-.318
105	-.560	.149	-.088	-1.101	145	-.141	.034	-.022	-.300
106	-.768	.149	.018	-1.483	146	-.148	.040	-.006	-.351
107	-.756	.184	-.263	-2.045	147	-.210	.060	-.030	-.469
108	-.153	.058	.115	-.441	148	-.379	.115	-.087	-1.152
109	-.151	.093	.223	-.889	149	-.524	.203	-.102	-1.761
110	-.175	.127	.214	-.801	150	-.160	.034	-.054	-.278
111	-.356	.181	.175	-.922	151	-.150	.027	-.063	-.243
112	-.654	.203	.102	-1.380	152	-.141	.024	-.042	-.230
113	-.724	.170	-.196	-1.718	153	-.137	.024	-.055	-.239
114	-.682	.156	-.272	-1.948	154	-.128	.024	-.051	-.221
115	-.158	.053	.013	-.421	155	-.128	.026	-.046	-.243
116	-.144	.080	.158	-.626	156	-.129	.031	-.013	-.254
117	-.163	.127	.297	-1.156	157	-.160	.030	-.057	-.284
118	-.268	.195	.336	-1.277	158	-.119	.021	-.033	-.200
119	-.554	.255	.072	-1.440	159	-.105	.021	-.007	-.187
120	-.726	.235	.055	-2.082	160	-.097	.020	-.010	-.161
121	-.747	.226	.003	-2.213	161	-.097	.023	-.016	-.191
122	-.141	.044	.019	-.403	162	-.092	.028	.009	-.226
123	-.137	.064	.118	-.499	163	-.097	.034	.019	-.251
124	-.143	.091	.170	-.709	201	-.346	.200	.021	-1.725
125	-.223	.175	.348	-1.155	202	-.372	.191	.145	-1.535
126	-.462	.265	.300	-1.582	203	-.391	.163	.094	-1.235
127	-.696	.254	-.009	-1.939	204	-.344	.150	.087	-1.077
128	-.710	.242	-.028	-2.190	205	-.280	.148	.128	-1.074
129	-.150	.042	.009	-.339	206	-.245	.136	.127	-1.234
130	-.138	.059	.090	-.490	207	-.202	.097	.108	-.683
131	-.148	.075	.175	-.633	208	-.329	.130	.037	-1.090
132	-.203	.125	.143	-.878	209	-.339	.137	.067	-.919
133	-.381	.214	.270	-1.298	210	-.344	.148	.108	-1.178
134	-.574	.230	-.031	-1.713	211	-.318	.145	.145	-.962
135	-.594	.210	-.133	-1.977	212	-.265	.132	.158	-.810
136	-.148	.039	-.015	-.378	213	-.223	.112	.157	-.757
137	-.146	.049	.046	-.400	214	-.209	.124	.110	-.837
138	-.144	.058	.051	-.557	215	-.216	.072	-.030	-1.133
139	-.182	.083	.115	-.593	216	-.228	.070	-.052	-.843
140	-.285	.139	.105	-1.092	217	-.249	.078	-.051	-.790

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 315

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.248	.083	.058	-.610	302	-.142	.058	.086	-.389
219	-.216	.078	.098	-.616	303	-.146	.049	.027	-.334
220	-.208	.077	.070	-.550	304	-.141	.047	.022	-.304
221	-.219	.097	.157	-.740	305	-.122	.047	.066	-.337
222	-.210	.061	.019	-.586	306	-.128	.050	.058	-.350
223	-.216	.061	.019	-.605	307	-.171	.067	.037	-.500
224	-.232	.007	-.204	-.259	308	-.155	.049	.046	-.462
225	-.228	.069	.118	-.546	309	-.144	.040	.018	-.319
226	-.211	.067	.022	-.629	310	-.147	.045	-.010	-.361
227	-.204	.077	.061	-.517	311	-.141	.051	.049	-.434
228	-.218	.092	-.013	-.659	312	-.142	.052	.042	-.388
229	-.262	.090	-.028	-.807	313	-.168	.066	.079	-.916
230	-.275	.096	-.024	-.785	314	-.146	.043	-.016	-.446
231	-.289	.111	0.000	-.850	315	-.133	.034	-.025	-.294
232	-.258	.105	.063	-.735	316	-.132	.033	-.034	-.270
233	-.204	.077	.108	-.564	317	-.133	.041	.006	-.343
234	-.172	.064	.078	-.415	318	-.138	.047	.051	-.339
235	-.167	.072	.058	-.571	319	-.162	.043	-.024	-.346
236	-.292	.115	-.041	-.995	320	-.137	.030	-.042	-.307
237	-.323	.131	.007	-1.071	321	-.130	.029	-.040	-.255
238	-.323	.133	.182	-1.064	322	-.131	.030	-.031	-.262
239	-.214	.090	.102	-.610	323	-.126	.035	-.012	-.291
240	-.146	.067	.139	-.504	324	-.124	.035	.007	-.295
241	-.125	.053	.126	-.415	325	-.161	.042	-.034	-.422
242	-.126	.049	.093	-.353	326	-.146	.035	-.010	-.339
243	-.183	.074	.024	-.891	327	-.132	.031	-.031	-.304
244	-.148	.051	.048	-.376	328	-.133	.035	-.033	-.350
245	-.134	.048	.091	-.359	329	-.131	.037	-.022	-.343
246	-.111	.042	.050	-.381	330	-.129	.041	.001	-.353
247	-.091	.038	.067	-.344	331	-.123	.037	-.013	-.305
248	-.083	.034	.045	-.244	332	-.121	.034	-.030	-.290
249	-.088	.029	.002	-.301	333	-.112	.028	-.017	-.249
250	-.077	.040	.132	-.262	334	-.120	.037	-.033	-.294
251	-.065	.038	.091	-.216	335	-.123	.042	-.017	-.428
252	-.048	.034	.089	-.175	336	-.119	.041	-.006	-.448
253	-.036	.031	.151	-.153	337	-.092	.029	.013	-.242
254	-.039	.029	.147	-.145	338	-.094	.028	-.017	-.234
255	-.045	.027	.139	-.192	339	-.098	.027	.007	-.251
256	-.064	.025	.033	-.175	340	-.115	.034	-.013	-.290
301	-.149	.068	.067	-.473	341	-.116	.041	-.015	-.307

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 315

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.106	.038	-.007	-.283	428	.176	.132	.729	-.208
343	-.083	.026	-.009	-.192	429	.062	.110	.612	-.259
344	-.091	.028	-.019	-.221	430	-.103	.081	.244	-.519
345	-.089	.029	.009	-.244	431	-.038	.077	.437	-.312
346	-.099	.035	.082	-.251	432	.067	.086	.547	-.203
347	-.117	.045	.033	-.348	433	.100	.086	.534	-.177
348	-.108	.040	.037	-.275	434	.085	.081	.431	-.136
349	-.093	.030	-.017	-.225	435	.011	.077	.431	-.223
350	-.109	.037	-.024	-.405	436	-.132	.076	.232	-.435
351	-.082	.027	.007	-.206	437	-.129	.051	.199	-.365
352	-.092	.032	.048	-.268	438	.056	.058	.398	-.093
353	-.117	.045	.015	-.379	439	.174	.096	.729	-.046
354	-.107	.040	.007	-.301	440	.139	.094	.662	-.056
401	.268	.130	.944	-.406	441	-.082	.038	.156	-.288
402	.453	.160	.908	-.409	442	-.196	.074	.195	-.541
403	.479	.187	.968	-.240	443	-.091	.047	.112	-.307
404	.435	.207	1.188	-.289	444	.271	.009	.296	.242
405	.322	.200	.966	-.285	445	-.039	.035	.151	-.143
406	.158	.184	.705	-.585	446	-.103	.033	.048	-.325
407	.257	.155	.741	-.517	447	-.053	.029	.106	-.162
408	.585	.188	1.141	-.249	448	-.064	.023	.045	-.180
409	.545	.182	1.184	-.045	449	-.072	.017	.037	-.154
410	.381	.158	1.018	-.154	450	-.071	.019	-.004	-.169
411	.164	.111	.619	-.215	451	-.073	.029	.069	-.218
412	-.092	.088	.194	-.438	501	-.550	.164	.158	-1.174
413	.205	.165	.777	-.517	502	-.126	.049	.025	-.313
414	.490	.214	1.151	-.347	503	-.326	.151	.206	-1.156
415	.427	.204	1.026	-.349	504	-.148	.078	.107	-.577
416	.290	.178	.910	-.228					
417	.104	.116	.604	-.277					
418	-.095	.068	.212	-.386					
419	.151	.162	.677	-.601					
420	.421	.210	1.190	-.289					
421	.386	.202	1.092	-.233					
422	.250	.169	.950	-.270					
423	.079	.114	.646	-.264					
424	-.098	.080	.309	-.500					
425	.090	.141	.717	-.637					
426	.322	.171	1.048	-.434					
427	.300	.170	.963	-.243					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 330

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.160	.037	-.023	-.292	141	-.308	.156	.098	-1.039
102	-.136	.034	-.006	-.272	142	-.402	.151	.030	-1.168
103	-.115	.031	.017	-.293	143	-.183	.055	-.045	-.393
104	-.087	.040	.068	-.344	144	-.145	.038	-.020	-.365
105	-.182	.112	.047	-.774	145	-.125	.036	.027	-.331
106	-.522	.189	.003	-1.208	146	-.109	.042	.089	-.370
107	-.661	.203	-.111	-1.723	147	-.144	.057	.134	-.447
108	-.167	.034	-.044	-.307	148	-.229	.086	.039	-.952
109	-.119	.037	.065	-.346	149	-.245	.095	-.014	-.961
110	-.069	.048	.135	-.478	150	-.155	.048	-.047	-.382
111	-.054	.079	.224	-.629	151	-.131	.032	-.035	-.274
112	-.239	.220	.305	-1.036	152	-.111	.028	-.005	-.224
113	-.540	.189	.382	-1.382	153	-.096	.028	.014	-.209
114	-.519	.137	-.012	-1.605	154	-.087	.027	.032	-.203
115	-.182	.031	-.057	-.307	155	-.086	.028	.050	-.254
116	-.130	.037	.020	-.347	156	-.078	.033	.074	-.290
117	-.091	.055	.247	-.594	157	-.137	.044	-.026	-.391
118	-.071	.093	.197	-.916	158	-.107	.028	-.009	-.195
119	-.220	.216	.203	-1.155	159	-.092	.024	.014	-.164
120	-.502	.246	.235	-1.344	160	-.070	.025	.051	-.144
121	-.555	.196	.128	-1.484	161	-.054	.028	.062	-.221
122	-.185	.031	-.083	-.350	162	-.042	.033	.104	-.191
123	-.148	.034	-.021	-.365	163	-.049	.041	.174	-.165
124	-.106	.043	.065	-.474	201	-.229	.045	-.047	-.424
125	-.090	.067	.146	-.579	202	-.241	.048	-.078	-.420
126	-.145	.152	.283	-.979	203	-.256	.055	-.066	-.511
127	-.415	.255	.287	-1.424	204	-.277	.073	-.069	-.674
128	-.530	.193	.191	-1.414	205	-.289	.096	-.017	-1.232
129	-.190	.032	-.087	-.374	206	-.297	.100	.047	-.788
130	-.146	.031	-.024	-.326	207	-.313	.138	.114	-1.012
131	-.117	.034	.030	-.305	208	-.236	.037	-.095	-.374
132	-.099	.046	.084	-.472	209	-.240	.037	-.123	-.371
133	-.141	.102	.129	-.856	210	-.242	.039	-.101	-.389
134	-.351	.205	.104	-1.298	211	-.251	.043	-.116	-.435
135	-.496	.179	.030	-1.424	212	-.273	.054	-.107	-.608
136	-.188	.044	-.056	-.453	213	-.295	.081	-.077	-.677
137	-.156	.033	.002	-.299	214	-.298	.078	-.052	-.886
138	-.121	.032	.017	-.262	215	-.244	.036	-.099	-.379
139	-.112	.041	.030	-.370	216	-.248	.035	-.102	-.375
140	-.156	.081	.087	-.594	217	-.255	.036	-.099	-.391

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 330

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.265	.037	-.099	-.514	302	-.211	.073	.057	-.735
219	-.271	.042	-.099	-.514	303	-.198	.058	.019	-.602
220	-.291	.050	-.119	-.482	304	-.192	.049	.003	-.423
221	-.299	.063	-.087	-.570	305	-.166	.044	-.028	-.335
222	-.279	.046	-.124	-.463	306	-.168	.042	-.027	-.352
223	-.279	.045	-.125	-.482	307	-.230	.046	-.058	-.442
224	-.287	.047	-.127	-.542	308	-.200	.038	-.057	-.335
225	-.293	.049	-.124	-.548	309	-.190	.036	-.069	-.323
226	-.295	.049	-.114	-.530	310	-.185	.037	-.073	-.348
227	-.301	.057	-.115	-.557	311	-.178	.037	-.066	-.342
228	-.312	.068	-.133	-.721	312	-.178	.037	-.066	-.339
229	-.294	.053	-.123	-.496	313	-.241	.042	-.091	-.406
230	-.302	.054	-.136	-.522	314	-.217	.035	-.093	-.382
231	-.312	.063	-.153	-.649	315	-.198	.034	-.088	-.339
232	-.316	.063	-.079	-.590	316	-.194	.035	-.078	-.341
233	-.303	.058	-.076	-.558	317	-.193	.036	-.070	-.345
234	-.303	.062	-.133	-.573	318	-.193	.034	-.075	-.384
235	-.311	.074	-.112	-.667	319	-.254	.042	-.081	-.464
236	-.355	.079	-.153	-.794	320	-.223	.034	-.102	-.357
237	-.364	.081	-.166	-.918	321	-.209	.031	-.106	-.352
238	-.375	.088	-.177	-.883	322	-.205	.033	-.099	-.324
239	-.359	.081	-.101	-.713	323	-.197	.034	-.094	-.402
240	-.320	.068	-.079	-.691	324	-.196	.034	-.087	-.457
241	-.299	.062	-.004	-.606	325	-.276	.055	-.096	-.735
242	-.304	.075	-.039	-.816	326	-.243	.041	-.105	-.442
243	-.357	.098	-.079	-.977	327	-.217	.037	-.096	-.417
244	-.303	.064	-.133	-.634	328	-.205	.036	-.097	-.457
245	-.300	.062	-.057	-.560	329	-.200	.036	-.090	-.470
246	-.278	.059	-.083	-.553	330	-.201	.037	-.063	-.384
247	-.239	.051	-.041	-.446	331	-.265	.053	-.074	-.553
248	-.213	.047	-.026	-.385	332	-.250	.051	-.081	-.592
249	-.207	.051	-.057	-.440	333	-.231	.049	-.065	-.477
250	-.249	.050	-.090	-.599	334	-.222	.060	-.070	-.531
251	-.253	.048	-.107	-.542	335	-.208	.059	-.063	-.645
252	-.247	.048	-.090	-.463	336	-.198	.054	-.031	-.560
253	-.208	.053	.112	-.418	337	-.228	.049	-.052	-.446
254	-.158	.050	.063	-.470	338	-.229	.051	-.050	-.461
255	-.142	.043	.057	-.345	339	-.212	.054	-.004	-.431
256	-.161	.045	-.017	-.424	340	-.221	.079	-.022	-.783
301	-.226	.086	.007	-.733	341	-.227	.094	-.059	-.802

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 330

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.213	.088	-.028	-1.019	428	.160	.095	.570	-.133
343	-.195	.052	-.048	-.382	429	.014	.075	.310	-.265
344	-.210	.055	-.066	-.442	430	-.167	.052	.039	-.372
345	-.182	.057	.002	-.492	431	.014	.097	.553	-.265
346	-.160	.052	.015	-.468	432	.138	.097	.608	-.116
347	-.177	.073	.002	-.616	433	.143	.085	.485	-.087
348	-.158	.057	-.022	-.479	434	.092	.076	.437	-.101
349	-.221	.090	-.013	-.702	435	-.029	.067	.254	-.236
350	-.212	.085	-.013	-.728	436	-.216	.066	.041	-.501
351	-.145	.048	-.004	-.501	437	-.137	.049	.055	-.387
352	-.140	.046	.035	-.553	438	.101	.082	.487	-.129
353	-.147	.055	-.035	-.483	439	.245	.121	.813	-.026
354	-.133	.045	-.039	-.402	440	.176	.099	.647	-.053
401	.398	.113	.744	-.154	441	-.158	.040	-.022	-.330
402	.473	.119	.895	-.088	442	-.297	.078	-.057	-.663
403	.427	.116	.754	-.066	443	-.129	.052	.107	-.409
404	.352	.114	.688	-.248	444	.376	.008	.398	.348
405	.239	.097	.538	-.230	445	-.041	.037	.101	-.227
406	.062	.071	.314	-.246	446	-.219	.048	-.033	-.468
407	.374	.129	.783	-.088	447	-.065	.051	.107	-.308
408	.622	.155	1.051	.025	448	-.090	.032	.042	-.260
409	.582	.148	.999	.121	449	-.123	.025	-.042	-.227
410	.444	.132	.821	.031	450	-.146	.026	-.072	-.238
411	.216	.093	.565	-.116	451	-.197	.038	-.076	-.341
412	-.046	.104	.833	-.251	501	-.439	.103	-.088	-.921
413	.273	.158	.844	-.208	502	-.184	.048	-.040	-.375
414	.500	.165	1.014	.013	503	-.234	.059	-.061	-.581
415	.465	.147	.911	.006	504	-.270	.132	.116	-1.139
416	.332	.136	.829	-.070					
417	.138	.101	.594	-.200					
418	-.107	.053	.176	-.315					
419	.187	.156	.786	-.263					
420	.368	.145	.944	-.090					
421	.340	.124	.763	-.015					
422	.240	.112	.697	-.103					
423	.068	.089	.420	-.275					
424	-.141	.058	.169	-.326					
425	.112	.120	.617	-.190					
426	.248	.124	.789	-.127					
427	.215	.106	.718	-.097					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 345

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.179	.032	-.063	-.292	141	-.157	.191	.318	-.962
102	-.100	.037	.015	-.242	142	-.270	.182	.503	-1.016
103	-.047	.042	.089	-.195	143	-.269	.037	-.143	-.413
104	.003	.049	.161	-.178	144	-.192	.034	-.052	-.336
105	.036	.064	.210	-.251	145	-.131	.037	.060	-.301
106	.010	.106	.248	-.658	146	-.075	.043	.148	-.267
107	-.354	.189	.276	-1.078	147	-.082	.065	.173	-.401
108	-.186	.050	-.082	-.758	148	-.186	.096	.104	-.814
109	-.070	.036	.075	-.243	149	-.225	.099	.219	-.701
110	.035	.047	.201	-.200	150	-.254	.040	-.104	-.407
111	.118	.058	.306	-.291	151	-.172	.037	-.013	-.365
112	.188	.087	.428	-.541	152	-.103	.043	.095	-.295
113	.108	.253	.567	-1.011	153	-.056	.052	.167	-.289
114	-.063	.205	.640	-1.046	154	-.042	.050	.139	-.260
115	-.202	.031	-.087	-.327	155	-.057	.045	.097	-.288
116	-.083	.039	.057	-.213	156	-.061	.050	.103	-.324
117	.015	.047	.198	-.172	157	-.239	.044	-.085	-.404
118	.109	.058	.304	-.066	158	-.129	.038	.021	-.257
119	.174	.093	.406	-.541	159	-.059	.039	.113	-.195
120	.081	.256	.559	-1.075	160	.005	.042	.195	-.106
121	-.093	.249	.706	-1.002	161	.042	.047	.362	-.095
122	-.216	.035	-.088	-.362	162	.065	.054	.285	-.094
123	-.108	.046	.067	-.325	163	.018	.072	.349	-.192
124	-.009	.059	.169	-.300	201	-.254	.038	-.142	-.380
125	.067	.067	.277	-.206	202	-.264	.037	-.130	-.397
126	.112	.121	.445	-.677	203	-.275	.041	-.149	-.427
127	.023	.272	.580	-1.183	204	-.299	.048	-.128	-.549
128	-.112	.260	.713	-.965	205	-.319	.065	-.127	-.776
129	-.243	.036	-.078	-.376	206	-.337	.079	-.104	-.753
130	-.131	.048	.070	-.310	207	-.352	.076	-.136	-.762
131	-.047	.058	.183	-.233	208	-.271	.033	-.166	-.371
132	.016	.070	.282	-.266	209	-.275	.032	-.178	-.374
133	.035	.123	.404	-.837	210	-.282	.031	-.188	-.400
134	-.047	.244	.521	-1.102	211	-.287	.031	-.194	-.406
135	-.153	.248	.622	-.992	212	-.311	.039	-.201	-.474
136	-.251	.040	-.097	-.449	213	-.337	.057	-.204	-.668
137	-.164	.048	.040	-.295	214	-.348	.061	-.196	-.649
138	-.087	.052	.154	-.228	215	-.282	.033	-.173	-.403
139	-.040	.056	.234	-.339	216	-.288	.033	-.178	-.408
140	-.038	.090	.270	-.707	217	-.294	.031	-.197	-.411

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 345

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.314	.029	-.217	-.443	302	-.254	.061	-.057	-.559
219	-.324	.036	-.227	-.480	303	-.244	.047	-.069	-.628
220	-.347	.050	-.220	-.697	304	-.243	.040	-.072	-.455
221	-.359	.053	-.203	-.709	305	-.221	.038	-.105	-.504
222	-.315	.034	-.200	-.458	306	-.217	.034	-.107	-.363
223	-.310	.033	-.199	-.441	307	-.275	.041	-.135	-.453
224	-.317	.032	-.206	-.431	308	-.248	.035	-.119	-.390
225	-.325	.032	-.235	-.440	309	-.239	.032	-.140	-.370
226	-.345	.038	-.242	-.546	310	-.242	.032	-.122	-.360
227	-.357	.050	-.244	-.611	311	-.233	.032	-.101	-.357
228	-.373	.055	-.232	-.647	312	-.232	.033	-.101	-.354
229	-.330	.037	-.210	-.468	313	-.293	.037	-.155	-.519
230	-.332	.036	-.214	-.471	314	-.271	.035	-.152	-.425
231	-.335	.036	-.229	-.468	315	-.252	.032	-.160	-.367
232	-.341	.038	-.238	-.503	316	-.250	.031	-.146	-.372
233	-.350	.036	-.244	-.488	317	-.248	.031	-.142	-.370
234	-.362	.043	-.244	-.579	318	-.247	.031	-.149	-.364
235	-.371	.048	-.216	-.695	319	-.306	.036	-.187	-.447
236	-.351	.033	-.250	-.469	320	-.282	.032	-.172	-.390
237	-.363	.039	-.238	-.641	321	-.270	.031	-.166	-.375
238	-.368	.041	-.250	-.749	322	-.270	.033	-.163	-.533
239	-.373	.043	-.268	-.687	323	-.261	.033	-.137	-.492
240	-.374	.042	-.253	-.669	324	-.261	.033	-.145	-.477
241	-.369	.048	-.235	-.641	325	-.327	.041	-.099	-.521
242	-.378	.055	-.227	-.820	326	-.306	.033	-.193	-.431
243	-.344	.060	-.149	-.637	327	-.285	.030	-.182	-.408
244	-.334	.053	-.173	-.643	328	-.282	.031	-.166	-.396
245	-.363	.050	-.205	-.652	329	-.279	.032	-.173	-.423
246	-.376	.052	-.188	-.609	330	-.281	.037	-.152	-.465
247	-.374	.050	-.196	-.695	331	-.351	.042	-.218	-.536
248	-.364	.048	-.168	-.563	332	-.331	.039	-.184	-.475
249	-.370	.060	-.199	-.717	333	-.314	.036	-.188	-.453
250	-.369	.051	-.229	-.626	334	-.304	.036	-.194	-.451
251	-.377	.054	-.235	-.723	335	-.291	.039	-.183	-.449
252	-.357	.050	-.130	-.603	336	-.290	.039	-.177	-.441
253	-.336	.049	-.127	-.648	337	-.358	.052	-.145	-.978
254	-.321	.048	-.119	-.536	338	-.341	.047	-.169	-.609
255	-.311	.054	-.069	-.587	339	-.320	.040	-.153	-.549
256	-.318	.072	-.028	-.769	340	-.308	.038	-.203	-.549
301	-.266	.073	-.009	-.842	341	-.297	.041	-.179	-.477

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 1
WIND DIRECTION 345

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.291	.042	-.181	-.564	428	.197	.105	.650	-.084
343	-.354	.079	.039	-.989	429	.020	.084	.430	-.183
344	-.350	.066	-.127	-.708	430	-.194	.048	.099	-.350
345	-.343	.063	-.110	-.710	431	.100	.086	.514	-.184
346	-.323	.060	-.168	-.685	432	.228	.087	.631	-.067
347	-.300	.054	-.153	-.648	433	.234	.092	.589	.011
348	-.291	.055	-.093	-.583	434	.162	.089	.535	-.080
349	-.330	.091	.002	-.998	435	-.001	.075	.274	-.201
350	-.323	.078	.022	-.672	436	-.216	.050	.034	-.415
351	-.332	.106	-.054	-1.473	437	-.097	.063	.169	-.356
352	-.322	.067	-.123	-1.004	438	.176	.078	.592	-.009
353	-.299	.060	-.125	-.719	439	.333	.118	.920	.054
354	-.285	.058	-.112	-.672	440	.220	.108	.777	-.076
401	.450	.109	.784	.066	441	-.225	.051	-.035	-.397
402	.340	.104	.629	-.045	442	-.296	.047	.032	-.462
403	.301	.092	.592	-.032	443	-.112	.064	.080	-.400
404	.192	.084	.556	-.108	444	.315	.006	.337	.287
405	.071	.064	.342	-.164	445	-.014	.073	.341	-.259
406	-.089	.045	.104	-.247	446	-.335	.059	.004	-.633
407	.565	.135	1.081	.066	447	-.197	.120	.134	-.613
408	.653	.131	1.016	.212	448	-.157	.047	.007	-.413
409	.542	.118	.899	.142	449	-.202	.035	-.071	-.374
410	.369	.103	.690	.002	450	-.244	.035	-.110	-.402
411	.131	.073	.405	-.170	451	-.319	.041	-.183	-.481
412	-.137	.040	.116	-.322	501	-.867	.298	-.039	-1.796
413	.507	.153	.967	.078	502	-.208	.038	-.086	-.378
414	.570	.147	1.022	.185	503	-.226	.050	-.062	-.438
415	.468	.132	.970	.099	504	-.314	.123	.203	-1.237
416	.329	.117	.744	-.006					
417	.111	.085	.476	-.173					
418	-.156	.045	.116	-.315					
419	.410	.160	.936	-.035					
420	.466	.137	1.022	.104					
421	.386	.122	.918	.056					
422	.255	.112	.670	-.048					
423	.050	.086	.381	-.215					
424	-.185	.052	.068	-.354					
425	.266	.126	.777	-.035					
426	.318	.115	.792	.068					
427	.263	.108	.909	-.005					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	.008	.114	.391	-.501	141	.202	.108	.584	-.079
102	.078	.101	.388	-.286	142	-.220	.125	.234	-.669
103	.139	.117	.472	-.252	143	-.076	.122	.334	-.513
104	.109	.118	.453	-.250	144	.167	.085	.511	-.164
105	.050	.110	.395	-.324	145	.208	.073	.507	0.000
106	-.045	.094	.250	-.368	146	.253	.079	.658	.053
107	-.242	.087	.062	-.532	147	.290	.095	.740	.057
108	.210	.143	.655	-.250	148	.269	.104	.745	.019
109	.573	.131	.955	.173	149	.039	.117	.482	-.331
110	.637	.128	1.027	.281	150	-.305	.135	.335	-.754
111	.601	.125	.937	.248	151	-.110	.064	.129	-.410
112	.496	.118	.880	.129	152	.026	.047	.185	-.183
113	.302	.111	.693	-.048	153	.118	.047	.330	-.044
114	-.147	.088	.180	-.458	154	.173	.057	.530	-.035
115	.178	.152	.722	-.392	155	.181	.066	.467	-.006
116	.558	.142	1.053	.127	156	.140	.073	.441	-.063
117	.631	.127	1.038	.252	157	-.072	.079	.324	-.397
118	.601	.119	.983	.262	158	.146	.065	.517	-.076
119	.494	.111	.852	.173	159	.290	.076	.605	.072
120	.283	.102	.636	-.029	160	.349	.083	.662	.124
121	-.181	.092	.145	-.466	161	.342	.086	.740	.123
122	.178	.161	.710	-.319	162	.282	.076	.605	.053
123	.549	.143	1.003	.152	163	.055	.070	.373	-.168
124	.613	.131	1.006	.248	201	-.645	.107	-.315	-1.034
125	.553	.120	.933	.205	202	-.646	.090	-.297	-1.082
126	.465	.109	.852	.160	203	-.622	.070	-.366	-.893
127	.272	.099	.745	-.026	204	-.620	.069	-.420	-.873
128	-.173	.095	.202	-.498	205	-.578	.064	-.378	-.835
129	.063	.157	.647	-.458	206	-.556	.071	-.337	-.861
130	.418	.139	.899	.064	207	-.548	.068	-.334	-.820
131	.500	.127	.970	.171	208	-.624	.115	-.322	-1.012
132	.317	.009	.354	.278	209	-.587	.088	-.332	-.937
133	.383	.110	.726	.069	210	-.584	.071	-.382	-.876
134	.218	.100	.581	-.116	211	-.556	.055	-.403	-.770
135	-.188	.097	.283	-.600	212	-.546	.055	-.395	-.814
136	.009	.134	.583	-.410	213	-.542	.057	-.365	-.819
137	.308	.122	.775	-.048	214	-.548	.062	-.291	-.874
138	.396	.111	.885	.136	215	-.626	.144	-.172	-1.137
139	.406	.106	.839	.139	216	-.588	.107	-.231	-1.118
140	.359	.104	.743	.100	217	-.569	.076	-.329	-.909

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 2
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.554	.058	-.308	-.785	302	-.433	.079	-.155	-.876
219	-.544	.055	-.382	-.796	303	-.446	.127	-.066	-1.112
220	-.540	.057	-.353	-.790	304	-.688	.210	-.124	-1.501
221	-.533	.058	-.339	-.812	305	-.896	.148	-.242	-1.594
222	-.612	.156	-.130	-1.257	306	-.880	.162	-.482	-1.850
223	-.584	.113	-.256	-1.073	307	-.479	.060	-.182	-1.035
224	-.576	.086	-.322	-.988	308	-.353	.097	.021	-1.075
225	-.557	.067	-.324	-.802	309	-.322	.239	.136	-1.345
226	-.548	.066	-.201	-1.017	310	-.636	.369	.281	-1.734
227	-.540	.069	-.246	-1.062	311	-.894	.177	.184	-2.214
228	-.532	.072	-.269	-.965	312	-.846	.142	-.378	-1.356
229	-.599	.154	-.156	-1.298	313	-.465	.059	-.219	-.767
230	-.579	.128	-.152	-1.193	314	-.336	.113	.128	-1.098
231	-.577	.115	-.199	-1.266	315	-.280	.244	.374	-1.633
232	-.526	.088	-.099	-.869	316	-.588	.429	.329	-1.873
233	-.509	.075	-.185	-.825	317	-.913	.230	.227	-2.271
234	-.492	.077	-.188	-.855	318	-.847	.188	-.176	-1.616
235	-.479	.081	-.035	-.942	319	-.472	.081	-.112	-1.358
236	-.550	.151	.150	-1.206	320	-.357	.122	.076	-1.265
237	-.603	.173	-.005	-1.367	321	-.328	.272	.211	-1.575
238	-.578	.163	.342	-1.257	322	-.434	.398	.378	-1.883
239	-.510	.102	.092	-.977	323	-.823	.265	.207	-2.069
240	-.490	.082	-.064	-1.003	324	-.782	.196	-.184	-1.451
241	-.481	.073	-.172	-.875	325	-.468	.077	-.132	-1.277
242	-.461	.078	-.115	-.822	326	-.380	.124	.110	-1.416
243	-.549	.203	.044	-1.470	327	-.367	.241	.149	-1.705
244	-.455	.162	.214	-1.191	328	-.589	.366	.221	-1.808
245	-.430	.095	.051	-1.083	329	-.849	.230	.205	-1.786
246	-.463	.068	-.132	-.789	330	-.834	.188	-.194	-1.726
247	-.467	.052	-.247	-.708	331	-.429	.069	-.071	-.712
248	-.437	.047	-.280	-.637	332	-.359	.085	-.053	-.884
249	-.436	.053	-.240	-.695	333	-.354	.169	.042	-1.276
250	-.487	.090	-.196	-.955	334	-.541	.269	.044	-1.656
251	-.487	.081	-.188	-.858	335	-.735	.210	.071	-1.826
252	-.464	.071	-.066	-.776	336	-.714	.167	-.201	-1.601
253	-.486	.075	-.220	-.928	337	-.408	.049	-.196	-.662
254	-.490	.085	-.309	-1.047	338	-.332	.062	-.081	-.747
255	-.459	.065	-.289	-.910	339	-.296	.129	.071	-1.019
256	-.438	.059	-.273	-.699	340	-.396	.237	.062	-1.492
301	-.501	.059	-.232	-.781	341	-.676	.255	.027	-2.375

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 60

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.697	.200	-.172	-1.832	428	-.809	.220	.205	-1.770
343	-.396	.047	-.225	-.573	429	-.641	.261	.220	-1.561
344	-.324	.057	-.088	-.606	430	-.617	.243	.113	-1.761
345	-.271	.079	.009	-.728	431	-.955	.201	-.273	-1.847
346	-.263	.140	.134	-1.100	432	-1.005	.264	-.020	-3.268
347	-.378	.228	.161	-1.607	433	-.930	.272	.375	-1.967
348	-.575	.262	.210	-1.907	434	-.525	.325	.295	-1.499
349	-.393	.055	-.159	-.679	435	-.353	.218	.227	-1.082
350	-.356	.060	-.066	-.670	436	-.456	.146	.086	-1.047
351	-.235	.070	.077	-.633	437	-.658	.222	.081	-1.481
352	-.139	.141	.269	-.824	438	-.752	.274	.046	-1.718
353	-.242	.152	.201	-.944	439	-.458	.230	.249	-1.296
354	-.238	.120	.117	-.791	440	-.299	.176	.284	-1.305
401	-.755	.089	-.490	-1.184	441	-.255	.097	.106	-.705
402	-.765	.089	-.502	-1.197	442	-.417	.139	.123	-.972
403	-.779	.101	-.461	-1.325	443	.040	.103	.494	-.428
404	-.790	.133	-.353	-1.561	444	-.079	.007	-.053	-.104
405	-.720	.144	-.198	-1.463	445	-.014	.089	.450	-.393
406	-.717	.183	-.126	-1.498	446	-.423	.075	-.093	-.811
407	-.762	.081	-.479	-1.133	447	-.532	.098	-.159	-1.030
408	-.778	.082	-.523	-1.120	448	-.393	.134	-.005	-.950
409	-.797	.098	-.510	-1.286	449	-.409	.082	-.137	-.886
410	-.819	.143	-.364	-1.579	450	-.453	.089	-.172	-.858
411	-.756	.184	.037	-1.558	451	-.465	.075	-.234	-.763
412	-.723	.264	.002	-2.106	501	-.706	.071	-.477	-1.011
413	-.789	.089	-.510	-1.238	502	-.870	.110	-.459	-1.468
414	-.803	.093	-.541	-1.308	503	-.722	.141	-.205	-1.279
415	-.826	.120	-.477	-1.738	504	-.604	.097	-.296	-1.048
416	-.842	.165	-.116	-1.796					
417	-.745	.209	.072	-1.474					
418	-.742	.293	.120	-2.141					
419	-.793	.095	-.471	-1.205					
420	-.821	.103	-.477	-1.281					
421	-.857	.135	-.424	-1.468					
422	-.844	.203	.165	-1.794					
423	-.678	.254	.240	-1.447					
424	-.629	.286	.355	-2.054					
425	-.799	.121	-.314	-1.275					
426	-.838	.132	-.448	-1.474					
427	-.900	.186	-.285	-1.978					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	.245	.129	.589	-.363	141	.018	.070	.333	-.209
102	.116	.111	.426	-.449	142	-.370	.092	.022	-.751
103	.092	.109	.434	-.298	143	.112	.085	.420	-.235
104	.023	.104	.333	-.392	144	.162	.060	.401	-.036
105	-.088	.096	.251	-.381	145	.156	.064	.540	-.054
106	-.181	.080	.147	-.447	146	.158	.065	.490	-.042
107	-.364	.066	-.088	-.586	147	.150	.066	.477	-.064
108	.568	.146	.952	.048	148	.092	.068	.374	-.153
109	.628	.125	.957	.117	149	-.143	.094	.230	-.588
110	.564	.115	.905	.087	150	.062	.099	.474	-.398
111	.461	.107	.818	.033	151	.076	.066	.470	-.164
112	.313	.098	.655	-.066	152	.075	.046	.292	-.072
113	.092	.099	.464	-.248	153	.083	.038	.236	-.096
114	-.295	.073	.069	-.555	154	.094	.043	.295	-.088
115	.534	.156	.941	-.096	155	.078	.054	.342	-.105
116	.603	.144	.987	.109	156	.036	.059	.342	-.145
117	.574	.114	.915	.247	157	.082	.096	.435	-.710
118	.466	.102	.804	.139	158	.175	.077	.496	-.138
119	.314	.090	.616	.001	159	.259	.083	.632	.025
120	.079	.077	.324	-.178	160	.291	.085	.664	.085
121	-.324	.082	.007	-.624	161	.270	.081	.680	.063
122	.512	.160	1.023	-.033	162	.188	.073	.446	-.021
123	.577	.140	1.017	.132	163	-.039	.069	.226	-.229
124	.510	.126	.981	.161	201	-.671	.079	-.380	-.948
125	.399	.115	.767	.097	202	-.667	.071	-.422	-.967
126	.261	.099	.665	.012	203	-.637	.060	-.410	-.833
127	.044	.084	.387	-.229	204	-.611	.055	-.377	-.789
128	-.349	.079	-.046	-.680	205	-.603	.058	-.335	-.819
129	.460	.153	.941	-.060	206	-.674	.070	-.428	-1.023
130	.498	.122	.894	.173	207	-.643	.058	-.423	-.830
131	.442	.108	.801	.138	208	-.615	.053	-.437	-.788
132	.309	.009	.341	.271	209	-.611	.056	-.438	-.791
133	.230	.093	.641	.012	210	-.609	.057	-.398	-.822
134	.028	.081	.450	-.176	211	-.585	.051	-.392	-.758
135	-.364	.078	-.016	-.635	212	-.571	.049	-.395	-.766
136	.281	.138	.739	-.275	213	-.562	.047	-.389	-.728
137	.338	.115	.807	.048	214	-.554	.048	-.412	-.735
138	.330	.107	.755	.100	215	-.675	.101	-.327	-1.153
139	.292	.093	.643	.078	216	-.612	.074	-.308	-.910
140	.204	.082	.540	0.000	217	-.575	.062	-.325	-.799

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.559	.054	-.333	-.778	302	-.359	.045	-.180	-.530
219	-.553	.048	-.337	-.764	303	-.297	.052	-.114	-.476
220	-.550	.047	-.354	-.745	304	-.268	.058	-.054	-.604
221	-.539	.048	-.370	-.730	305	-.282	.192	.095	-1.026
222	-.696	.117	-.281	-1.136	306	-.492	.149	.230	-.970
223	-.629	.083	-.341	-1.006	307	-.474	.039	-.333	-.629
224	-.597	.066	-.358	-.846	308	-.289	.043	-.110	-.426
225	-.568	.057	-.284	-.834	309	-.111	.058	.118	-.312
226	-.553	.051	-.344	-.801	310	.040	.083	.279	-.590
227	-.543	.049	-.377	-.718	311	-.020	.307	.470	-1.248
228	-.536	.050	-.354	-.722	312	-.201	.231	.691	-.958
229	-.705	.121	-.230	-1.209	313	-.459	.045	-.255	-.735
230	-.647	.101	-.308	-1.212	314	-.263	.051	-.085	-.464
231	-.610	.083	-.256	-.956	315	-.073	.069	.164	-.354
232	-.556	.063	-.288	-.913	316	.098	.096	.410	-.571
233	-.542	.055	-.290	-.854	317	.122	.280	.627	-1.293
234	-.524	.054	-.321	-.738	318	-.093	.280	.813	-1.277
235	-.516	.055	-.297	-.727	319	-.465	.045	-.284	-.623
236	-.693	.136	-.148	-1.442	320	-.259	.055	-.060	-.422
237	-.704	.137	-.187	-1.324	321	-.074	.074	.166	-.344
238	-.635	.113	-.142	-1.324	322	.077	.101	.391	-.832
239	-.556	.073	-.215	-.966	323	.077	.298	.577	-1.248
240	-.524	.060	-.207	-.757	324	-.087	.280	.672	-1.059
241	-.515	.060	-.217	-.902	325	-.466	.058	-.255	-.726
242	-.501	.062	-.189	-.865	326	-.265	.074	.344	-.459
243	-.640	.198	.112	-2.148	327	-.088	.083	.246	-.393
244	-.530	.146	.138	-1.315	328	.071	.110	.424	-.569
245	-.514	.096	.039	-.947	329	.129	.246	.656	-1.043
246	-.531	.078	-.172	-1.160	330	-.048	.311	.836	-.985
247	-.521	.068	-.295	-1.239	331	-.439	.060	-.179	-.895
248	-.489	.062	-.284	-1.186	332	-.280	.063	.058	-.540
249	-.483	.064	-.176	-1.020	333	-.110	.081	.241	-.415
250	-.561	.123	-.133	-1.485	334	.024	.120	.407	-.626
251	-.554	.102	-.148	-.927	335	.035	.264	.540	-1.291
252	-.523	.087	-.140	-.880	336	-.076	.292	.678	-1.095
253	-.548	.094	-.290	-1.149	337	-.423	.057	-.103	-.828
254	-.544	.090	-.290	-1.203	338	-.279	.070	.065	-.723
255	-.511	.076	-.290	-.942	339	-.125	.094	.250	-.443
256	-.486	.072	-.237	-.796	340	-.013	.123	.379	-.555
301	-.457	.045	-.315	-.642	341	-.004	.214	.473	-.908

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 75

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.062	.253	.497	-1.433	428	-.795	.112	-.435	-1.401
343	-.401	.058	-.140	-.678	429	-.789	.135	-.185	-1.311
344	-.266	.078	.217	-.542	430	-.820	.188	-.146	-1.635
345	-.125	.096	.310	-.435	431	-.823	.128	-.514	-1.582
346	-.017	.109	.465	-.396	432	-.858	.161	-.506	-2.292
347	.028	.131	.693	-.506	433	-.872	.161	-.306	-1.797
348	.002	.176	.658	-1.141	434	-.818	.167	-.015	-1.416
349	-.397	.069	-.011	-.704	435	-.699	.177	-.017	-1.377
350	-.315	.091	.243	-.687	436	-.663	.169	-.101	-1.448
351	-.199	.075	.183	-.456	437	-.609	.174	-.140	-1.485
352	.033	.106	.574	-.288	438	-.828	.200	-.271	-1.711
353	.066	.123	.635	-.288	439	-.726	.182	.034	-1.528
354	.017	.129	.540	-.418	440	-.603	.222	.062	-1.317
401	-.669	.059	-.459	-.877	441	-.334	.124	.121	-.945
402	-.681	.061	-.468	-.896	442	-.485	.143	.037	-1.197
403	-.692	.065	-.445	-.929	443	-.073	.097	.362	-.441
404	-.704	.074	-.466	-1.148	444	-.748	.007	-.723	-.773
405	-.718	.085	-.408	-1.124	445	-.069	.078	.222	-.441
406	-.756	.125	-.364	-1.374	446	-.446	.074	.039	-.772
407	-.677	.060	-.509	-.971	447	-.559	.092	-.194	-.983
408	-.690	.059	-.493	-.985	448	-.511	.140	-.073	-1.063
409	-.702	.063	-.488	-1.037	449	-.449	.086	-.131	-.977
410	-.725	.083	-.426	-1.446	450	-.480	.090	-.168	-.843
411	-.757	.108	-.261	-1.395	451	-.514	.083	-.192	-.850
412	-.780	.167	-.145	-1.780	501	-.685	.070	-.447	-.993
413	-.704	.064	-.495	-.925	502	-.762	.144	-.368	-1.600
414	-.714	.066	-.488	-1.008	503	-.724	.092	-.223	-1.163
415	-.722	.073	-.515	-1.171	504	-.550	.061	-.286	-.755
416	-.750	.106	-.383	-1.370					
417	-.781	.137	-.217	-1.422					
418	-.808	.212	-.221	-1.887					
419	-.736	.072	-.517	-1.004					
420	-.746	.073	-.484	-1.061					
421	-.763	.084	-.391	-1.258					
422	-.786	.112	-.223	-1.409					
423	-.794	.157	-.006	-1.597					
424	-.825	.236	-.110	-2.055					
425	-.788	.085	-.453	-1.322					
426	-.803	.093	-.563	-1.422					
427	-.817	.114	-.526	-1.548					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	.044	.159	.518	-.686	141	-.102	.082	.292	-.323
102	-.114	.120	.335	-.532	142	-.426	.095	-.108	-.876
103	.015	.096	.330	-.322	143	-.005	.159	.466	-.611
104	-.078	.082	.247	-.389	144	.113	.109	.328	-.528
105	-.210	.073	.006	-.458	145	.104	.044	.291	-.082
106	-.295	.064	-.088	-.516	146	.077	.038	.257	-.061
107	-.457	.063	-.273	-.716	147	.033	.046	.265	-.095
108	.569	.165	.971	-.247	148	-.048	.060	.260	-.211
109	.490	.121	.907	.127	149	-.268	.084	.067	-.601
110	.382	.103	.725	.073	150	-.003	.100	.364	-.414
111	.260	.088	.604	-.028	151	.075	.080	.298	-.313
112	.108	.075	.417	-.145	152	.107	.053	.307	-.177
113	-.109	.064	.132	-.309	153	.089	.043	.250	-.047
114	-.427	.062	-.225	-.686	154	.062	.034	.189	-.089
115	.535	.164	.918	-.155	155	.020	.036	.162	-.124
116	.489	.111	.801	-.104	156	-.015	.057	.196	-.250
117	.375	.094	.769	.101	157	.095	.098	.471	-.578
118	.257	.081	.578	.038	158	.145	.073	.485	-.180
119	.102	.070	.349	-.089	159	.160	.066	.465	-.028
120	-.112	.062	.111	-.287	160	.156	.073	.478	-.004
121	-.444	.068	-.183	-.715	161	.106	.074	.452	-.069
122	.484	.175	.939	-.215	162	.028	.073	.322	-.171
123	.457	.108	.774	.001	163	-.192	.095	.145	-.506
124	.356	.091	.635	.082	201	-.688	.086	-.414	-1.170
125	.238	.077	.538	.050	202	-.677	.079	-.427	-1.279
126	.097	.066	.355	-.085	203	-.637	.064	-.386	-.860
127	-.115	.059	.121	-.307	204	-.617	.059	-.428	-.804
128	-.450	.070	-.189	-.718	205	-.610	.058	-.428	-.820
129	.406	.195	1.013	-.295	206	-.543	.053	-.366	-.727
130	.400	.115	.867	-.048	207	-.524	.058	-.330	-.734
131	.317	.096	.722	.116	208	-.682	.081	-.408	-1.237
132	.304	.009	.335	.268	209	-.636	.071	-.339	-1.088
133	.089	.077	.405	-.111	210	-.617	.066	-.408	-.956
134	-.103	.071	.173	-.322	211	-.588	.053	-.385	-.829
135	-.446	.078	-.167	-.725	212	-.573	.048	-.371	-.790
136	.220	.206	.788	-.560	213	-.561	.048	-.366	-.741
137	.275	.098	.738	-.515	214	-.558	.049	-.365	-.757
138	.215	.067	.547	.042	215	-.683	.099	-.248	-1.510
139	.153	.065	.504	-.010	216	-.631	.084	-.262	-1.173
140	.067	.076	.407	-.104	217	-.594	.067	-.359	-1.027

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.573	.051	-.377	-.781	302	-.231	.067	.051	-.463
219	-.563	.045	-.390	-.710	303	-.149	.081	.132	-.422
220	-.555	.047	-.312	-.706	304	-.105	.095	.209	-.455
221	-.542	.049	-.252	-.696	305	-.094	.109	.282	-.515
222	-.698	.109	-.300	-1.286	306	.061	.188	.556	-.732
223	-.636	.089	-.187	-1.124	307	-.429	.079	.319	-.645
224	-.602	.069	-.304	-.899	308	-.188	.065	.014	-.487
225	-.573	.059	-.353	-.943	309	.051	.093	.343	-.312
226	-.567	.061	-.331	-1.416	310	.255	.104	.619	-.217
227	-.551	.061	-.329	-.954	311	.439	.132	.844	-.566
228	-.543	.063	-.300	-.944	312	.535	.207	1.021	-.416
229	-.727	.121	-.209	-1.652	313	-.426	.047	-.237	-.599
230	-.649	.100	-.258	-1.168	314	-.177	.057	.034	-.381
231	-.596	.079	-.312	-.983	315	.083	.084	.349	-.231
232	-.552	.068	-.243	-1.045	316	.311	.113	.611	-.069
233	-.538	.067	-.307	-.951	317	.503	.139	.891	-.233
234	-.521	.067	-.239	-.858	318	.578	.204	1.035	-.321
235	-.511	.071	-.178	-.869	319	-.437	.053	-.245	-.668
236	-.710	.167	-.077	-1.534	320	-.174	.069	.083	-.416
237	-.665	.163	-.064	-1.649	321	.076	.100	.400	-.219
238	-.601	.103	-.123	-1.075	322	.280	.126	.661	-.073
239	-.585	.095	-.264	-1.075	323	.460	.150	.885	-.063
240	-.551	.086	-.295	-1.368	324	.530	.209	.996	-.392
241	-.539	.081	-.269	-1.282	325	-.445	.074	-.170	-.832
242	-.525	.082	-.215	-1.166	326	-.201	.082	.089	-.493
243	-.571	.209	-.021	-1.927	327	.051	.101	.400	-.250
244	-.516	.155	.088	-1.445	328	.271	.122	.700	-.085
245	-.545	.137	.103	-1.226	329	.445	.140	.870	.045
246	-.611	.160	.108	-1.385	330	.519	.178	.968	-.363
247	-.595	.167	.039	-1.738	331	-.426	.069	-.131	-.875
248	-.545	.129	-.222	-1.731	332	-.195	.074	.105	-.480
249	-.532	.126	-.213	-1.746	333	.063	.095	.381	-.226
250	-.521	.202	.206	-1.516	334	.278	.117	.699	-.073
251	-.487	.159	.071	-.987	335	.399	.135	.854	-.159
252	-.505	.141	.101	-1.073	336	.438	.140	.897	-.308
253	-.576	.164	-.157	-1.557	337	-.421	.101	.140	-.985
254	-.599	.167	-.131	-1.826	338	-.194	.099	.452	-.535
255	-.578	.152	-.185	-1.449	339	.076	.110	.493	-.333
256	-.512	.128	-.185	-1.361	340	.285	.126	.740	-.146
301	-.393	.051	-.195	-.560	341	.415	.133	.796	-.056

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 90

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.384	.113	.705	-.080	428	-.789	.123	-.477	-1.394
343	-.402	.130	.166	-1.336	429	-.806	.130	-.378	-1.370
344	-.190	.119	.307	-.701	430	-.848	.170	.039	-1.718
345	.041	.120	.464	-.430	431	-.720	.133	-.228	-1.211
346	.218	.133	.697	-.308	432	-.770	.143	-.209	-1.544
347	.301	.150	.949	-.209	433	-.840	.166	-.249	-1.731
348	.263	.120	.727	-.357	434	-.845	.169	-.364	-1.757
349	-.392	.119	.148	-.910	435	-.761	.148	-.209	-1.348
350	-.260	.118	.282	-.656	436	-.750	.173	-.140	-1.570
351	-.118	.097	.278	-.445	437	-.558	.140	-.105	-1.377
352	.166	.129	.716	-.250	438	-.866	.194	-.323	-1.791
353	.232	.140	.742	-.292	439	-.793	.163	-.174	-1.600
354	.189	.121	.622	-.299	440	-.753	.198	-.006	-1.650
401	-.675	.081	-.420	-1.122	441	-.433	.149	.080	-1.022
402	-.686	.085	-.422	-1.116	442	-.469	.131	-.011	-1.583
403	-.703	.088	-.448	-1.126	443	-.176	.086	.204	-.678
404	-.722	.087	-.487	-1.161	444	-.693	.008	-.664	-.720
405	-.734	.097	-.509	-1.221	445	-.061	.089	.150	-.643
406	-.756	.118	-.471	-1.605	446	-.408	.110	.060	-.864
407	-.680	.069	-.469	-.988	447	-.491	.153	.037	-.935
408	-.696	.076	-.465	-1.075	448	-.542	.158	-.045	-1.067
409	-.702	.081	-.479	-1.187	449	-.503	.139	-.090	-.938
410	-.720	.085	-.487	-1.254	450	-.476	.128	-.013	-.869
411	-.734	.099	-.312	-1.307	451	-.426	.133	.280	-.776
412	-.751	.135	.499	-1.542	501	-.688	.089	-.444	-1.077
413	-.704	.079	-.434	-1.031	502	-1.093	.283	-.345	-2.841
414	-.715	.080	-.448	-1.041	503	-.759	.130	-.412	-1.361
415	-.725	.085	-.448	-1.165	504	-.484	.059	-.264	-.730
416	-.750	.092	-.483	-1.236					
417	-.765	.117	.101	-1.327					
418	-.774	.145	.158	-1.534					
419	-.730	.094	-.343	-1.100					
420	-.742	.091	-.412	-1.102					
421	-.750	.094	-.455	-1.288					
422	-.767	.103	-.444	-1.418					
423	-.783	.125	-.053	-1.394					
424	-.797	.171	.562	-1.907					
425	-.751	.110	-.363	-1.142					
426	-.768	.114	-.390	-1.191					
427	-.778	.122	-.394	-1.430					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 2
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.422	.223	.309	-1.269	141	-.118	.046	.113	-.295
102	-.129	.091	.157	-.760	142	-.251	.070	.064	-.542
103	-.073	.061	.136	-.254	143	-.186	.130	.291	-.810
104	-.108	.052	.074	-.270	144	-.089	.178	.322	-.721
105	-.158	.048	.037	-.359	145	.060	.081	.313	-.387
106	-.207	.042	-.052	-.392	146	.045	.039	.216	-.161
107	-.256	.051	-.025	-.416	147	0.000	.032	.107	-.109
108	-.019	.200	.736	-.676	148	-.071	.035	.037	-.181
109	.182	.194	.583	-.802	149	-.180	.058	.033	-.396
110	.175	.061	.424	-.109	150	-.164	.135	.264	-.756
111	.085	.051	.249	-.097	151	-.048	.156	.254	-.890
112	-.016	.045	.153	-.148	152	.052	.069	.216	-.462
113	-.140	.038	.047	-.289	153	.042	.038	.190	-.155
114	-.283	.045	-.016	-.425	154	.017	.033	.153	-.095
115	-.051	.198	.614	-.793	155	-.008	.034	.101	-.132
116	.125	.216	.561	-.872	156	-.031	.052	.109	-.262
117	.180	.061	.455	-.175	157	-.065	.149	.375	-.686
118	.086	.050	.315	-.068	158	.018	.127	.299	-.585
119	-.011	.044	.194	-.136	159	.069	.062	.276	-.301
120	-.127	.041	.056	-.254	160	.059	.041	.225	-.068
121	-.265	.055	.025	-.441	161	.028	.040	.204	-.080
122	-.079	.202	.674	-.750	162	-.030	.048	.163	-.171
123	.082	.231	.519	-1.185	163	-.157	.091	.119	-.507
124	.167	.058	.383	-.223	201	-.541	.118	-.218	-1.175
125	.080	.052	.344	-.130	202	-.508	.085	-.227	-1.080
126	-.013	.045	.212	-.142	203	-.499	.067	-.262	-.944
127	-.114	.044	.072	-.251	204	-.482	.051	-.330	-.717
128	-.232	.059	.093	-.447	205	-.467	.043	-.319	-.627
129	-.105	.198	.694	-.682	206	-.444	.041	-.317	-.596
130	.053	.226	.540	-.903	207	-.435	.041	-.313	-.593
131	.150	.059	.422	-.142	208	-.545	.083	-.334	-.979
132	.295	.011	.354	.258	209	-.538	.080	-.336	-.991
133	-.008	.046	.221	-.150	210	-.521	.059	-.365	-.793
134	-.105	.049	.107	-.301	211	-.489	.044	-.363	-.661
135	-.218	.075	.097	-.493	212	-.474	.039	-.352	-.627
136	-.153	.167	.635	-.729	213	-.460	.038	-.330	-.639
137	-.053	.226	.458	-.884	214	-.449	.040	-.299	-.598
138	.095	.072	.338	-.412	215	-.555	.090	-.303	-1.260
139	.052	.038	.268	-.134	216	-.551	.085	-.316	-.990
140	-.023	.037	.187	-.132	217	-.523	.065	-.293	-.789

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.503	.045	-.359	-.662	302	-.001	.070	.238	-.264
219	-.487	.041	-.355	-.641	303	.116	.087	.365	-.225
220	-.480	.040	-.363	-.643	304	.189	.112	.516	-.201
221	-.471	.041	-.350	-.633	305	.169	.124	.570	-.246
222	-.586	.107	-.303	-1.252	306	.309	.132	.723	-.248
223	-.575	.090	-.262	-1.115	307	-.307	.034	-.189	-.422
224	-.550	.066	-.307	-.826	308	-.025	.054	.162	-.199
225	-.523	.057	-.336	-.791	309	.240	.088	.498	-.047
226	-.525	.055	-.309	-1.100	310	.479	.109	.801	.121
227	-.516	.053	-.342	-.853	311	.647	.122	1.002	.225
228	-.513	.053	-.336	-.799	312	.629	.112	.977	.205
229	-.639	.154	-.259	-1.758	313	-.357	.037	-.219	-.490
230	-.610	.118	-.296	-1.264	314	-.086	.047	.168	-.250
231	-.577	.091	-.270	-1.015	315	.201	.084	.441	-.055
232	-.555	.097	-.248	-1.309	316	.452	.122	.795	.072
233	-.548	.099	-.286	-1.157	317	.627	.141	1.047	.170
234	-.532	.088	-.253	-.950	318	.578	.125	.930	.127
235	-.521	.088	-.238	-.922	319	-.376	.047	-.213	-.596
236	-.675	.227	-.094	-1.708	320	-.101	.053	.096	-.279
237	-.629	.169	.164	-1.691	321	.174	.085	.498	-.068
238	-.631	.139	-.013	-1.216	322	.417	.127	.773	.068
239	-.656	.150	-.261	-1.377	323	.584	.143	1.035	.191
240	-.623	.145	-.322	-1.589	324	.557	.119	.969	.197
241	-.597	.142	-.207	-1.333	325	-.409	.073	-.100	-.734
242	-.581	.136	-.152	-1.255	326	-.133	.067	.209	-.348
243	-.565	.280	.135	-2.233	327	.160	.092	.463	-.133
244	-.504	.199	.089	-1.351	328	.410	.124	.809	.027
245	-.584	.204	.177	-1.469	329	.568	.139	1.035	.125
246	-.681	.223	.392	-1.569	330	.497	.116	.988	.187
247	-.717	.242	.020	-2.129	331	-.441	.104	-.006	-1.065
248	-.676	.226	-.194	-2.222	332	-.166	.080	.185	-.481
249	-.639	.208	-.041	-2.129	333	.132	.091	.418	-.185
250	-.380	.232	.493	-1.822	334	.376	.117	.787	.037
251	-.365	.153	.152	-1.087	335	.522	.125	.939	.203
252	-.467	.180	.229	-1.412	336	.458	.105	.843	.144
253	-.589	.234	-.006	-1.772	337	-.453	.146	.139	-1.004
254	-.651	.253	.107	-1.654	338	-.176	.117	.353	-.649
255	-.648	.251	.054	-2.040	339	.098	.098	.503	-.166
256	-.571	.228	.124	-2.682	340	.313	.110	.774	.024
301	-.213	.052	0.000	-.393	341	.443	.123	1.044	.152

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 105

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.372	.108	.872	.068	428	-.338	.114	.163	-.782
343	-.405	.188	.360	-1.150	429	-.406	.103	.024	-.808
344	-.156	.133	.440	-.553	430	-.505	.099	-.085	-.839
345	.070	.104	.481	-.233	431	-.318	.101	.126	-.769
346	.250	.107	.593	-.087	432	-.345	.099	-.039	-.798
347	.376	.120	.822	-.041	433	-.388	.113	-.037	-.898
348	.311	.110	.706	-.122	434	-.392	.118	.083	-.943
349	-.355	.171	.298	-1.076	435	-.395	.120	.445	-.902
350	-.189	.138	.449	-.582	436	-.494	.127	.046	-.906
351	-.061	.103	.329	-.364	437	-.246	.083	.067	-.952
352	.211	.108	.597	-.111	438	-.450	.134	-.083	-1.273
353	.293	.105	.662	-.081	439	-.416	.110	-.044	-1.041
354	.227	.083	.547	-.068	440	-.413	.116	.017	-1.122
401	-.291	.066	-.055	-.510	441	-.303	.109	.233	-.726
402	-.317	.062	-.049	-.627	442	-.410	.113	-.059	-1.004
403	-.395	.053	-.158	-.600	443	-.095	.064	.105	-.508
404	-.412	.060	-.096	-.656	444	-.429	.029	-.048	-.800
405	-.418	.066	-.104	-.701	445	-.057	.103	.201	-.567
406	-.447	.071	-.148	-.736	446	-.301	.114	.152	-.797
407	-.343	.059	-.012	-.512	447	-.287	.149	.129	-.889
408	-.361	.054	-.037	-.564	448	-.293	.153	.137	-.821
409	-.372	.058	-.078	-.637	449	-.287	.141	.120	-.811
410	-.368	.068	-.043	-.602	450	-.275	.135	.205	-.800
411	-.391	.069	.014	-.613	451	-.230	.129	.355	-.741
412	-.454	.059	-.158	-.709	501	-.334	.057	-.016	-.539
413	-.312	.070	-.090	-.576	502	-1.203	.361	-.383	-2.461
414	-.332	.063	-.066	-.621	503	-.515	.119	-.104	-1.016
415	-.346	.072	.129	-.773	504	-.392	.062	-.221	-.734
416	-.356	.079	.219	-.672					
417	-.398	.067	-.012	-.689					
418	-.474	.059	-.189	-.707					
419	-.284	.080	.102	-.557					
420	-.315	.075	-.014	-.678					
421	-.335	.085	-.066	-.781					
422	-.339	.092	.100	-.686					
423	-.384	.090	.086	-.701					
424	-.486	.084	.041	-.936					
425	-.276	.098	.113	-.607					
426	-.299	.095	.086	-.633					
427	-.330	.107	.049	-.811					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.508	.113	-.118	-1.066	141	-.162	.038	-.018	-.306
102	-.467	.142	0.000	-1.025	142	-.258	.066	.027	-.628
103	-.211	.118	.054	-.770	143	-.363	.132	-.040	-1.092
104	-.153	.046	.045	-.485	144	-.289	.177	.206	-1.034
105	-.202	.043	-.037	-.369	145	-.042	.087	.182	-.572
106	-.222	.047	-.064	-.375	146	-.021	.035	.104	-.228
107	-.212	.049	-.054	-.372	147	-.055	.028	.048	-.155
108	-.487	.130	-.082	-1.306	148	-.105	.033	.036	-.216
109	-.507	.182	.243	-1.298	149	-.192	.055	0.000	-.391
110	-.103	.177	.252	-.885	150	-.328	.134	.085	-.972
111	-.038	.040	.152	-.239	151	-.209	.166	.176	-.848
112	-.106	.029	0.000	-.260	152	-.023	.063	.131	-.412
113	-.172	.030	-.061	-.303	153	-.009	.031	.118	-.124
114	-.243	.042	-.097	-.418	154	-.015	.027	.094	-.110
115	-.468	.134	.013	-1.036	155	-.024	.028	.078	-.125
116	-.447	.218	.290	-1.167	156	-.025	.032	.106	-.160
117	-.036	.126	.281	-.634	157	-.208	.144	.252	-.988
118	-.040	.039	.146	-.210	158	-.113	.137	.206	-.667
119	-.111	.028	.025	-.230	159	-.007	.051	.139	-.287
120	-.183	.030	-.057	-.312	160	.001	.031	.119	-.118
121	-.257	.045	-.054	-.415	161	-.030	.128	.130	-1.021
122	-.427	.142	.115	-1.442	162	-.015	.034	.130	-.109
123	-.384	.204	.281	-1.043	163	-.056	.059	.160	-.239
124	-.026	.104	.246	-.548	201	-.498	.209	.149	-1.379
125	-.041	.040	.113	-.279	202	-.508	.145	-.042	-1.198
126	-.108	.028	-.012	-.254	203	-.512	.141	-.042	-1.648
127	-.179	.032	-.054	-.312	204	-.503	.118	-.134	-1.679
128	-.257	.050	-.058	-.434	205	-.467	.075	-.197	-1.069
129	-.424	.135	.033	-1.297	206	-.428	.065	-.231	-.755
130	-.389	.189	.249	-1.269	207	-.410	.062	-.206	-.700
131	-.056	.110	.210	-.598	208	-.529	.126	-.161	-1.325
132	.313	.010	.358	.279	209	-.510	.108	-.164	-1.081
133	-.101	.030	.009	-.231	210	-.482	.080	-.190	-.982
134	-.169	.039	-.004	-.306	211	-.466	.075	-.273	-1.118
135	-.245	.065	.066	-.488	212	-.451	.069	-.264	-1.203
136	-.384	.135	.107	-.960	213	-.437	.064	-.239	-1.122
137	-.349	.187	.166	-1.152	214	-.419	.054	-.198	-.629
138	-.058	.102	.181	-.651	215	-.553	.116	-.212	-1.333
139	-.034	.037	.128	-.191	216	-.524	.090	-.285	-.929
140	-.088	.031	.022	-.207	217	-.491	.067	-.269	-.765

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.485	.067	-.253	-.935	302	.242	.106	.643	-.129
219	-.467	.060	-.249	-.720	303	.341	.109	.657	-.030
220	-.455	.058	-.257	-.690	304	.393	.109	.716	.040
221	-.446	.058	-.259	-.666	305	.419	.107	.710	.026
222	-.567	.138	-.095	-1.155	306	.395	.109	.751	-.103
223	-.528	.101	-.049	-.935	307	-.215	.050	.008	-.388
224	-.533	.091	-.079	-.997	308	.101	.069	.372	-.146
225	-.543	.099	-.214	-1.198	309	.371	.093	.738	.081
226	-.516	.080	-.261	-.971	310	.566	.122	.935	.186
227	-.495	.074	-.267	-.825	311	.674	.131	1.052	.267
228	-.488	.074	-.253	-.823	312	.471	.104	.819	.022
229	-.486	.141	-.084	-1.273	313	-.306	.050	-.103	-.484
230	-.484	.111	-.078	-.949	314	-.048	.049	.170	-.225
231	-.539	.119	.130	-.985	315	.244	.071	.484	-.006
232	-.582	.128	-.195	-1.102	316	.510	.107	.838	.184
233	-.583	.132	-.087	-1.413	317	.654	.129	1.097	.279
234	-.560	.117	-.251	-1.277	318	.460	.112	.813	.087
235	-.549	.115	-.210	-1.152	319	-.362	.065	-.132	-.666
236	-.431	.143	-.015	-1.379	320	-.085	.055	.160	-.289
237	-.450	.139	.011	-1.202	321	.195	.075	.457	-.026
238	-.515	.148	-.039	-1.228	322	.474	.107	.827	.125
239	-.618	.159	-.060	-1.409	323	.629	.128	1.074	.267
240	-.650	.171	0.000	-1.435	324	.454	.104	.880	.073
241	-.618	.155	-.195	-1.526	325	-.413	.087	-.057	-.749
242	-.592	.144	-.199	-1.301	326	-.117	.064	.127	-.354
243	-.298	.245	.287	-1.457	327	.167	.077	.417	-.087
244	-.288	.191	.318	-1.253	328	.420	.114	.769	.091
245	-.370	.201	.309	-1.232	329	.560	.139	.981	.101
246	-.510	.229	.225	-1.666	330	.398	.111	.825	-.020
247	-.680	.263	.156	-1.833	331	-.413	.109	-.020	-.867
248	-.735	.287	.017	-2.606	332	-.130	.075	.162	-.387
249	-.695	.261	-.063	-2.291	333	.147	.075	.385	-.093
250	-.209	.181	.350	-1.223	334	.386	.108	.765	.091
251	-.209	.130	.328	-.817	335	.503	.132	.936	.076
252	-.293	.162	.298	-1.068	336	.363	.108	.759	.037
253	-.432	.213	.123	-1.476	337	-.406	.141	.236	-1.005
254	-.485	.219	.138	-1.513	338	-.117	.092	.393	-.421
255	-.559	.274	.166	-1.911	339	.120	.077	.450	-.123
256	-.497	.231	.039	-2.213	340	.322	.102	.674	.054
301	-0.000	.086	.277	-.354	341	.442	.118	.841	.127

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 120

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.326	.101	.653	-.020	428	-.377	.071	-.013	-.676
343	-.309	.184	.402	-1.007	429	-.407	.068	-.117	-.705
344	-.055	.109	.411	-.422	430	-.440	.084	-.184	-.750
345	.118	.075	.436	-.086	431	-.292	.091	.024	-.681
346	.271	.094	.685	.009	432	-.325	.095	-.041	-.945
347	.366	.121	.951	-.035	433	-.336	.088	-.007	-.802
348	.268	.108	.752	-.101	434	-.361	.084	-.019	-.746
349	-.226	.139	.257	-.891	435	-.390	.080	-.162	-.810
350	-.072	.094	.296	-.454	436	-.420	.096	-.028	-1.290
351	.022	.063	.268	-.175	437	-.225	.072	.052	-.504
352	.241	.089	.620	.004	438	-.384	.112	.037	-.776
353	.308	.102	.704	.069	439	-.349	.090	-.028	-.666
354	.193	.077	.480	-.017	440	-.363	.089	.024	-.821
401	-.210	.054	-.022	-.394	441	-.217	.107	.359	-.588
402	-.216	.055	-.032	-.447	442	-.280	.113	.095	-.750
403	-.249	.067	-.018	-.593	443	-.133	.050	.011	-.320
404	-.297	.080	.018	-.736	444	-.257	.006	-.231	-.285
405	-.343	.091	-.077	-.878	445	-.027	.041	.151	-.281
406	-.387	.101	-.081	-.779	446	-.109	.120	.419	-.573
407	-.267	.048	-.085	-.461	447	-.073	.097	.173	-.501
408	-.269	.048	-.091	-.461	448	-.089	.088	.128	-.489
409	-.280	.048	-.132	-.484	449	-.098	.084	.136	-.409
410	-.306	.049	-.144	-.544	450	-.089	.083	.175	-.475
411	-.343	.055	-.134	-.579	451	-.106	.082	.290	-.489
412	-.417	.078	-.051	-.722	501	-.268	.067	-.053	-.522
413	-.285	.049	-.085	-.455	502	-.492	.110	-.162	-1.406
414	-.294	.049	-.024	-.498	503	-.462	.161	.089	-1.090
415	-.312	.050	-.085	-.538	504	-.402	.069	-.206	-.720
416	-.346	.051	-.089	-.540					
417	-.380	.056	-.061	-.591					
418	-.439	.071	-.067	-.678					
419	-.284	.063	-.053	-.627					
420	-.297	.063	-.063	-.749					
421	-.320	.061	-.083	-.660					
422	-.369	.063	-.085	-.657					
423	-.408	.066	-.095	-.692					
424	-.459	.085	-.069	-.838					
425	-.274	.075	.065	-.651					
426	-.295	.079	.004	-.745					
427	-.325	.071	-.026	-.710					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.811	.396	.223	-2.772	141	-.124	.047	.050	-.580
102	-.543	.299	.177	-2.146	142	-.129	.053	.120	-.409
103	-.367	.104	-.142	-.808	143	-.386	.236	.395	-1.334
104	-.220	.089	.018	-.969	144	-.206	.183	.241	-1.155
105	-.172	.061	.066	-.688	145	-.121	.070	.086	-.598
106	-.157	.051	.018	-.546	146	-.104	.044	.068	-.441
107	-.140	.049	.046	-.351	147	-.095	.034	.046	-.285
108	-.552	.335	.445	-2.156	148	-.110	.034	.036	-.229
109	-.328	.252	.365	-1.390	149	-.123	.045	.052	-.349
110	-.202	.145	.174	-.899	150	-.390	.213	.517	-1.520
111	-.160	.087	.074	-.856	151	-.180	.156	.265	-.852
112	-.148	.082	.130	-.724	152	-.108	.052	.072	-.397
113	-.139	.071	.213	-.899	153	-.088	.034	.030	-.239
114	-.148	.065	.174	-.654	154	-.068	.028	.048	-.209
115	-.341	.189	.195	-1.063	155	-.052	.026	.056	-.152
116	-.250	.196	.297	-1.121	156	-.058	.025	.040	-.152
117	-.208	.152	.333	-1.177	157	-.332	.180	.235	-1.468
118	-.168	.109	.189	-.868	158	-.177	.130	.179	-.860
119	-.142	.081	.213	-.600	159	-.084	.049	.068	-.365
120	-.139	.070	.126	-.620	160	-.073	.033	.056	-.259
121	-.141	.072	.142	-.612	161	-.047	.032	.060	-.162
122	-.336	.221	.584	-1.416	162	-.019	.030	.082	-.118
123	-.254	.173	.335	-.939	163	-0.000	.031	.114	-.146
124	-.212	.134	.170	-.782	201	-.164	.051	.048	-.552
125	-.179	.106	.261	-.772	202	-.154	.068	.028	-.864
126	-.154	.076	.078	-.521	203	-.152	.086	.032	-1.043
127	-.139	.054	.034	-.471	204	-.190	.116	.096	-1.266
128	-.149	.059	.054	-.526	205	-.327	.200	.096	-1.228
129	-.358	.253	.614	-1.799	206	-.443	.326	.237	-1.755
130	-.241	.177	.395	-.913	207	-.585	.357	.241	-3.111
131	-.188	.127	.209	-.744	208	-.145	.061	.024	-.479
132	.290	.015	.345	.225	209	-.105	.079	.106	-.479
133	-.143	.074	.078	-.602	210	-.097	.100	.203	-.688
134	-.132	.054	.040	-.407	211	-.108	.126	.239	-.652
135	-.133	.050	.066	-.499	212	-.152	.186	.333	-.975
136	-.353	.248	.473	-1.486	213	-.230	.260	.554	-1.306
137	-.232	.188	.586	-1.211	214	-.307	.327	.927	-1.939
138	-.153	.100	.341	-.740	215	-.134	.071	.176	-.597
139	-.130	.068	.128	-.710	216	-.088	.072	.150	-.496
140	-.126	.055	.114	-.425	217	-.080	.097	.275	-.818

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	-.113	.118	.279	-.686	302	.339	.305	1.273	-.798
219	-.145	.158	.368	-.931	303	.371	.284	1.174	-.605
220	-.188	.218	.636	-1.508	304	.402	.284	1.097	-.872
221	-.212	.230	.814	-1.376	305	.404	.294	1.087	-1.018
222	-.129	.057	.095	-.409	306	.289	.299	1.026	-1.204
223	-.093	.074	.192	-.664	307	-.109	.221	.919	-.982
224	-.090	.089	.180	-.455	308	-.042	.140	.658	-.595
225	-.106	.122	.265	-.710	309	-.018	.133	.676	-.751
226	-.141	.158	.356	-.832	310	.011	.173	.662	-.478
227	-.173	.199	.520	-1.330	311	.055	.255	.941	-.684
228	-.198	.222	.585	-1.336	312	-.012	.291	.840	-.903
229	-.109	.048	.082	-.362	313	-.160	.176	.563	-1.012
230	-.074	.064	.190	-.366	314	-.117	.130	.342	-.725
231	-.064	.083	.186	-.392	315	-.091	.133	.549	-.694
232	-.071	.111	.277	-.617	316	-.080	.164	.658	-.597
233	-.104	.150	.282	-.913	317	-.068	.232	.986	-.719
234	-.139	.197	.439	-1.255	318	-.098	.282	1.174	-.974
235	-.169	.229	.656	-1.762	319	-.158	.166	.583	-2.006
236	-.109	.048	.061	-.316	320	-.100	.116	.298	-.844
237	-.064	.058	.269	-.480	321	-.092	.118	.379	-.761
238	-.052	.069	.216	-.383	322	-.098	.142	.714	-.694
239	-.062	.095	.243	-.587	323	-.080	.210	.731	-.854
240	-.094	.150	.331	-.883	324	-.116	.256	.840	-.864
241	-.158	.217	.407	-1.496	325	-.138	.187	.698	-1.024
242	-.191	.239	.652	-1.247	326	-.107	.132	.409	-.808
243	.008	.069	.247	-.424	327	-.104	.119	.298	-.953
244	-.003	.059	.208	-.290	328	-.094	.159	.634	-.674
245	-.029	.070	.249	-.446	329	-.067	.237	.864	-.951
246	-.061	.096	.238	-.749	330	-.069	.275	.854	-1.451
247	-.122	.166	.349	-1.199	331	-.097	.170	.619	-1.000
248	-.198	.237	.416	-1.673	332	-.044	.114	.444	-.513
249	-.240	.249	.569	-2.916	333	-.043	.105	.411	-.558
250	-.015	.047	.201	-.472	334	-.015	.155	.619	-.578
251	-.006	.057	.247	-.327	335	.023	.222	.710	-.749
252	-.025	.068	.258	-.383	336	.026	.248	.730	-1.175
253	-.084	.095	.195	-.561	337	-.058	.160	.565	-.853
254	-.136	.137	.208	-.801	338	.010	.112	.470	-.522
255	-.188	.210	.318	-1.487	339	.008	.097	.455	-.569
256	-.230	.247	.515	-1.927	340	.048	.135	.585	-.429
301	.182	.299	1.091	-.747	341	.163	.188	.827	-.483

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 135

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	.177	.200	.753	-.888	428	-.157	.048	.024	-.437
343	-.036	.166	.684	-.751	429	-.152	.049	.009	-.519
344	.046	.107	.567	-.435	430	-.146	.049	.024	-.448
345	.072	.087	.455	-.316	431	-.110	.067	.182	-.624
346	.143	.121	.595	-.288	432	-.123	.054	.138	-.571
347	.227	.154	.966	-.346	433	-.147	.047	.020	-.496
348	.211	.152	.937	-.453	434	-.163	.053	-.019	-.455
349	-.061	.120	.504	-.621	435	-.165	.062	0.000	-.517
350	.008	.088	.388	-.751	436	-.168	.064	.022	-.662
351	.038	.069	.322	-.344	437	-.115	.047	.084	-.364
352	.155	.115	.610	-.361	438	-.153	.060	.089	-.530
353	.230	.128	.690	-.269	439	-.145	.044	.006	-.331
354	.133	.109	.753	-.377	440	-.173	.056	0.000	-.533
401	-.128	.054	.130	-.381	441	-.050	.072	.262	-.329
402	-.132	.051	.142	-.395	442	-.061	.073	.221	-.513
403	-.168	.044	-.024	-.334	443	-.084	.038	.069	-.225
404	-.175	.045	.014	-.385	444	-.117	.007	-.097	-.138
405	-.160	.051	.002	-.413	445	-.038	.026	.072	-.132
406	-.157	.052	.016	-.484	446	-.020	.065	.236	-.351
407	-.152	.077	.113	-.717	447	.018	.031	.145	-.089
408	-.158	.064	.134	-.611	448	.003	.029	.106	-.087
409	-.162	.045	.045	-.344	449	-.003	.029	.097	-.110
410	-.178	.054	-.010	-.506	450	-.010	.033	.126	-.204
411	-.179	.063	.030	-.715	451	-.028	.041	.102	-.294
412	-.189	.067	.047	-.619	501	-.152	.060	.162	-.385
413	-.137	.078	.115	-.725	502	-.358	.215	.283	-1.265
414	-.139	.066	.095	-.593	503	-.170	.056	.014	-.453
415	-.153	.054	.099	-.461	504	-.233	.216	.443	-1.208
416	-.179	.070	.123	-.601					
417	-.186	.086	.014	-.797					
418	-.188	.097	.026	-1.097					
419	-.139	.065	.081	-.638					
420	-.140	.053	.049	-.425					
421	-.145	.049	.063	-.486					
422	-.162	.059	.040	-.490					
423	-.162	.070	.028	-.828					
424	-.162	.069	.083	-.676					
425	-.132	.055	.109	-.496					
426	-.136	.052	.126	-.512					
427	-.149	.043	.043	-.387					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.403	.135	-.050	-1.590	141	-.293	.077	-.020	-.803
102	-.419	.137	-.105	-1.578	142	-.298	.082	.060	-.660
103	-.462	.152	-.105	-1.886	143	-.724	.351	.095	-2.701
104	-.486	.148	-.048	-1.238	144	-.644	.337	.058	-2.730
105	-.458	.144	.016	-1.284	145	-.483	.233	.099	-1.771
106	-.418	.141	-.024	-1.232	146	-.326	.130	.149	-1.236
107	-.394	.125	-.044	-1.119	147	-.245	.078	.070	-.761
108	-.437	.143	-.040	-1.449	148	-.226	.066	.135	-.545
109	-.438	.153	.074	-1.411	149	-.239	.082	.058	-.634
110	-.448	.153	.113	-1.222	150	-.677	.352	.256	-2.889
111	-.440	.131	.036	-1.089	151	-.569	.361	.083	-2.454
112	-.414	.116	.081	-.898	152	-.407	.255	0.000	-1.814
113	-.372	.104	.002	-.920	153	-.246	.118	.221	-.896
114	-.378	.123	-.046	-1.063	154	-.175	.065	.133	-.658
115	-.382	.097	-.093	-.960	155	-.145	.052	.131	-.483
116	-.402	.120	-.052	-1.449	156	-.153	.045	.046	-.475
117	-.423	.117	-.032	-1.290	157	-.573	.394	.310	-4.070
118	-.414	.099	-.058	-.876	158	-.490	.359	.193	-3.800
119	-.377	.081	-.070	-.787	159	-.317	.213	.250	-1.999
120	-.351	.073	-.119	-.857	160	-.206	.091	.137	-.783
121	-.356	.093	-.014	-1.292	161	-.153	.060	.093	-.507
122	-.406	.102	-.137	-1.337	162	-.120	.044	.123	-.318
123	-.417	.108	-.099	-1.785	163	-.103	.041	.054	-.395
124	-.435	.096	-.026	-.970	201	-.227	.049	-.054	-.388
125	-.417	.090	-.034	-.855	202	-.178	.043	-.042	-.399
126	-.370	.073	-.107	-.831	203	-.134	.037	-.008	-.318
127	-.339	.063	-.151	-.672	204	-.085	.037	.030	-.260
128	-.342	.074	-.024	-.729	205	-.045	.044	.097	-.227
129	-.476	.147	.141	-1.830	206	-.044	.093	.163	-.461
130	-.485	.150	-.054	-1.417	207	-.210	.089	.276	-.590
131	-.481	.131	-.044	-1.174	208	-.200	.041	-.062	-.334
132	.287	.012	.342	.238	209	-.058	.033	.038	-.177
133	-.364	.089	-.054	-.733	210	.024	.035	.165	-.093
134	-.324	.072	-.070	-.610	211	.092	.040	.234	-.038
135	-.320	.069	-.006	-.646	212	.184	.052	.346	.032
136	-.614	.252	.040	-2.407	213	.300	.074	.554	-.066
137	-.621	.240	-.008	-2.319	214	.366	.193	.861	-.916
138	-.553	.174	-.044	-1.266	215	-.183	.040	-.043	-.337
139	-.433	.120	-.095	-1.023	216	-.028	.035	.120	-.144
140	-.342	.094	-.022	-.747	217	.048	.039	.189	-.075

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.122	.046	.258	-.022	302	.537	.136	.922	-.104
219	.214	.059	.390	.010	303	.519	.129	.872	-.106
220	.369	.088	.652	.008	304	.486	.123	.817	-.120
221	.540	.142	.983	-.156	305	.376	.117	.736	-.221
222	-.183	.042	-.026	-.335	306	.119	.125	.709	-.622
223	-.046	.035	.085	-.165	307	.564	.179	1.103	-.126
224	.032	.040	.158	-.114	308	.377	.146	.758	-.120
225	.089	.049	.230	-.096	309	.214	.123	.620	-.337
226	.182	.065	.364	-.106	310	.148	.101	.457	-.266
227	.318	.096	.597	-.095	311	.014	.090	.465	-.384
228	.492	.155	.935	-.130	312	-.213	.093	.482	-.691
229	-.167	.045	-.030	-.328	313	.393	.193	.967	-.829
230	-.052	.037	.074	-.199	314	.103	.120	.506	-.425
231	.010	.041	.153	-.140	315	-.126	.093	.278	-.534
232	.061	.051	.220	-.140	316	-.155	.098	.211	-.545
233	.140	.063	.315	-.104	317	-.189	.090	.096	-.595
234	.269	.091	.523	-.119	318	-.297	.092	.256	-.715
235	.427	.148	.858	-.397	319	.283	.204	.827	-.711
236	-.179	.054	-.020	-.441	320	.007	.098	.311	-.319
237	-.078	.045	.115	-.328	321	-.223	.080	.181	-.599
238	-.032	.047	.177	-.250	322	-.279	.090	.041	-.640
239	.005	.058	.238	-.274	323	-.304	.091	.030	-.713
240	.083	.078	.404	-.196	324	-.358	.089	.016	-.768
241	.216	.115	.780	-.274	325	.297	.196	.922	-.597
242	.346	.194	.838	-.749	326	.017	.117	.449	-.463
243	.019	.090	.339	-.287	327	-.221	.096	.134	-.565
244	-.001	.058	.212	-.240	328	-.282	.114	.199	-.825
245	-.011	.058	.385	-.238	329	-.317	.130	.417	-.776
246	.002	.055	.311	-.356	330	-.385	.134	.209	-1.018
247	.075	.075	.523	-.428	331	.363	.197	1.114	-.821
248	.192	.117	.715	-.752	332	.097	.116	.536	-.469
249	.293	.221	1.026	-1.212	333	-.160	.100	.194	-.611
250	-.073	.042	.067	-.257	334	-.239	.117	.220	-.711
251	.007	.039	.173	-.169	335	-.282	.139	.460	-.879
252	.019	.043	.227	-.169	336	-.406	.164	.277	-1.220
253	.030	.056	.425	-.276	337	.298	.220	.942	-.886
254	.073	.076	.419	-.341	338	.095	.131	.572	-.453
255	.125	.109	.516	-.654	339	-.100	.128	.447	-.527
256	.164	.185	.680	-.966	340	-.136	.137	.438	-.633
301	.584	.125	1.026	.081	341	-.163	.156	.529	-.773

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 150

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.323	.236	.577	-1.253	428	-.296	.075	-.102	-.741
343	.232	.199	.899	-.953	429	-.277	.064	-.086	-.525
344	.084	.123	.566	-.626	430	-.264	.063	-.063	-.497
345	-.033	.124	.447	-.698	431	-.313	.117	.112	-1.020
346	-.025	.139	.447	-.575	432	-.324	.114	.082	-1.048
347	-.021	.174	.752	-.631	433	-.309	.083	.006	-.791
348	-.149	.263	.641	-1.043	434	-.310	.084	-.086	-.797
349	.178	.139	.797	-.657	435	-.289	.077	-.048	-.637
350	.107	.096	.520	-.382	436	-.277	.071	-.019	-.702
351	-.086	.208	.546	-.914	437	-.227	.089	.009	-.750
352	.007	.122	.456	-.512	438	-.260	.105	-.004	-.866
353	.010	.145	.559	-.683	439	-.273	.073	-.007	-.667
354	-.118	.183	.439	-1.296	440	-.329	.094	-.060	-.885
401	-.357	.106	-.071	-.957	441	-.100	.112	.419	-.574
402	-.338	.081	-.102	-.693	442	-.110	.109	.250	-.611
403	-.334	.065	-.118	-.675	443	-.193	.070	.028	-.488
404	-.321	.058	-.140	-.575	444	-.226	.008	-.201	-.257
405	-.280	.056	-.114	-.488	445	-.143	.044	.041	-.369
406	-.262	.059	-.039	-.473	446	-.150	.079	.121	-.622
407	-.340	.071	-.130	-.827	447	-.077	.043	.088	-.300
408	-.317	.060	-.110	-.612	448	-.093	.047	.065	-.309
409	-.311	.056	-.138	-.522	449	-.106	.055	.041	-.428
410	-.300	.055	-.132	-.547	450	-.127	.059	.063	-.395
411	-.293	.054	-.132	-.504	451	-.146	.066	.028	-.520
412	-.291	.055	-.110	-.488	501	-.358	.125	-.028	-.951
413	-.323	.069	-.071	-.794	502	-.319	.090	-.043	-.853
414	-.309	.061	-.102	-.591	503	-.280	.059	-.095	-.494
415	-.305	.059	-.116	-.630	504	-.329	.167	.065	-1.558
416	-.301	.055	-.118	-.500					
417	-.294	.054	-.116	-.488					
418	-.286	.055	-.083	-.486					
419	-.334	.077	-.095	-.904					
420	-.316	.070	-.132	-.742					
421	-.307	.067	.014	-.610					
422	-.294	.063	-.093	-.569					
423	-.281	.058	-.104	-.522					
424	-.283	.059	-.100	-.528					
425	-.345	.088	-.051	-.841					
426	-.340	.085	-.059	-.809					
427	-.316	.073	-.067	-.614					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.451	.055	-.254	-.610	141	-.443	.100	.066	-.905
102	-.455	.052	-.262	-.608	142	-.475	.109	-.020	-1.103
103	-.484	.048	-.309	-.632	143	-.704	.251	-.100	-2.911
104	-.504	.055	-.319	-.794	144	-.750	.272	-.125	-2.315
105	-.499	.072	-.268	-1.075	145	-.762	.252	-.082	-2.004
106	-.491	.080	-.168	-.948	146	-.655	.195	-.051	-1.597
107	-.493	.084	-.201	-.978	147	-.440	.143	.051	-1.024
108	-.471	.050	-.297	-.669	148	-.321	.118	.088	-.772
109	-.471	.047	-.303	-.624	149	-.308	.114	.143	-.964
110	-.481	.046	-.291	-.645	150	-.722	.260	-.137	-2.583
111	-.493	.045	-.313	-.645	151	-.748	.286	-.033	-2.722
112	-.503	.047	-.338	-.661	152	-.761	.311	-.051	-2.444
113	-.500	.050	-.317	-.675	153	-.562	.229	.192	-1.478
114	-.505	.055	-.336	-.786	154	-.341	.141	.135	-.833
115	-.475	.047	-.332	-.645	155	-.244	.103	.330	-.655
116	-.490	.050	-.327	-.700	156	-.249	.098	.166	-.737
117	-.508	.051	-.352	-.794	157	-.685	.341	-.031	-3.523
118	-.524	.050	-.368	-.714	158	-.704	.354	-.020	-3.640
119	-.516	.051	-.305	-.733	159	-.661	.331	.076	-2.047
120	-.510	.059	-.242	-.753	160	-.449	.206	.080	-1.398
121	-.522	.073	-.217	-.866	161	-.289	.117	.072	-.847
122	-.501	.069	-.297	-.796	162	-.222	.084	.221	-.626
123	-.512	.061	-.332	-.759	163	-.205	.098	.227	-.856
124	-.546	.069	-.340	-.952	201	-.319	.046	-.149	-.491
125	-.561	.069	-.371	-.886	202	-.210	.042	-.070	-.395
126	-.536	.061	-.309	-.837	203	-.140	.049	.023	-.336
127	-.509	.055	-.293	-.723	204	-.066	.057	.119	-.291
128	-.527	.084	-.184	-1.001	205	-.015	.068	.164	-.242
129	-.563	.108	-.248	-1.075	206	-.057	.096	.260	-.420
130	-.580	.106	-.246	-1.099	207	.081	.127	.440	-.563
131	-.621	.104	-.328	-1.101	208	-.265	.040	-.149	-.413
132	.286	.010	.323	.252	209	-.021	.047	.133	-.172
133	-.561	.094	-.186	-.976	210	.128	.055	.327	-.047
134	-.508	.078	-.250	-.768	211	.228	.064	.446	.018
135	-.529	.091	-.246	-1.157	212	.345	.077	.610	.080
136	-.650	.177	-.194	-1.668	213	.464	.095	.790	.131
137	-.689	.207	-.152	-2.072	214	.588	.132	.965	-.038
138	-.719	.188	-.160	-1.900	215	-.257	.044	-.107	-.445
139	-.672	.142	-.182	-1.273	216	.009	.049	.156	-.146
140	-.537	.112	-.125	-.989	217	.141	.060	.319	-.038

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.237	.070	.453	.040	302	.161	.127	.544	-.255
219	.341	.083	.599	.089	303	.161	.116	.510	-.224
220	.481	.102	.778	.164	304	.130	.108	.427	-.210
221	.599	.127	.967	.192	305	.049	.095	.344	-.237
222	-.266	.054	-.059	-.501	306	-.179	.068	.081	-.417
223	-.023	.047	.166	-.176	307	.483	.189	1.102	-.382
224	.112	.053	.303	-.049	308	.338	.108	.730	.049
225	.201	.062	.413	.034	309	.100	.070	.368	-.095
226	.296	.072	.528	.077	310	-.044	.073	.231	-.257
227	.422	.090	.698	.111	311	-.179	.066	.095	-.402
228	.562	.120	.922	.174	312	-.361	.048	-.204	-.536
229	-.276	.065	-.097	-.538	313	.410	.220	.995	-.503
230	-.060	.041	.099	-.210	314	.253	.095	.586	-.022
231	.054	.044	.236	-.080	315	-.057	.051	.162	-.233
232	.139	.054	.364	.004	316	-.240	.058	.012	-.465
233	.237	.069	.477	.033	317	-.351	.062	-.111	-.584
234	.365	.091	.669	.110	318	-.435	.056	-.267	-.651
235	.505	.123	.901	.051	319	.397	.195	1.122	-.503
236	-.317	.067	-.101	-.600	320	.213	.091	.643	-.129
237	-.116	.043	.068	-.305	321	-.114	.062	.168	-.417
238	-.014	.040	.157	-.177	322	-.318	.094	.103	-.645
239	.051	.046	.214	-.133	323	-.423	.092	-.042	-.724
240	.130	.059	.347	-.097	324	-.480	.072	-.231	-.797
241	.233	.082	.490	-.128	325	.440	.174	1.047	-.320
242	.337	.145	.751	-.506	326	.202	.099	.619	-.172
243	.038	.065	.276	-.205	327	-.125	.079	.233	-.520
244	.016	.049	.205	-.159	328	-.317	.102	.172	-.744
245	-.003	.052	.196	-.230	329	-.432	.119	.172	-.916
246	.025	.065	.355	-.261	330	-.509	.111	.053	-1.035
247	.118	.091	.647	-.296	331	.373	.191	.872	-.538
248	.215	.121	.896	-.223	332	.183	.117	.587	-.230
249	.238	.163	.832	-.600	333	-.092	.081	.232	-.391
250	-.174	.066	.040	-.424	334	-.268	.099	.176	-.598
251	-.030	.042	.186	-.188	335	-.395	.121	.313	-.806
252	-.003	.044	.186	-.166	336	-.503	.133	.285	-1.029
253	.030	.050	.221	-.181	337	.078	.301	.863	-1.066
254	.104	.063	.428	-.117	338	.037	.154	.561	-.508
255	.177	.082	.609	-.205	339	-.135	.114	.375	-.651
256	.239	.107	.667	-.324	340	-.252	.116	.320	-.717
301	.347	.158	.841	-.360	341	-.339	.140	.203	-.914

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 165

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.493	.181	.132	-1.435	428	-.542	.116	-.247	-1.249
343	.015	.336	.962	-1.294	429	-.509	.105	-.265	-.982
344	.021	.151	.656	-.609	430	-.485	.105	-.197	-.923
345	-.108	.106	.384	-.592	431	-.576	.201	.011	-1.501
346	-.186	.116	.430	-.519	432	-.557	.162	-.011	-1.371
347	-.240	.156	.719	-.689	433	-.609	.158	.068	-1.272
348	-.406	.192	.442	-1.221	434	-.632	.150	-.261	-1.541
349	.171	.187	.770	-.675	435	-.578	.131	-.263	-1.225
350	.125	.108	.719	-.267	436	-.525	.122	-.148	-1.236
351	-.235	.236	.521	-1.251	437	-.303	.108	.020	-1.026
352	-.133	.110	.411	-.512	438	-.371	.154	.093	-1.201
353	-.199	.138	.411	-.708	439	-.463	.135	.088	-1.075
354	-.349	.184	.344	-1.373	440	-.582	.154	-.135	-1.357
401	-.486	.076	-.271	-1.027	441	-.319	.144	.110	-1.090
402	-.476	.060	-.281	-.823	442	-.335	.137	.035	-1.070
403	-.473	.052	-.291	-.712	443	-.249	.081	.015	-.587
404	-.475	.049	-.320	-.655	444	-.797	.007	-.768	-.819
405	-.438	.053	-.279	-.657	445	-.238	.078	.029	-.600
406	-.425	.056	-.212	-.673	446	-.076	.099	.210	-.792
407	-.527	.076	-.328	-1.060	447	-.180	.082	.115	-.483
408	-.515	.061	-.273	-.894	448	-.208	.073	.049	-.441
409	-.502	.054	-.299	-.867	449	-.247	.082	.020	-.532
410	-.491	.053	-.313	-.764	450	-.274	.092	.038	-.611
411	-.481	.051	-.297	-.734	451	-.381	.124	-.051	-.993
412	-.466	.051	-.291	-.655	501	-.516	.103	-.184	-1.177
413	-.576	.121	-.326	-1.385	502	-.329	.053	-.154	-.518
414	-.547	.088	-.311	-1.120	503	-.422	.057	-.226	-.631
415	-.522	.074	-.313	-.878	504	-.669	.195	-.047	-1.779
416	-.502	.067	-.307	-1.118					
417	-.488	.062	-.305	-.849					
418	-.474	.063	-.265	-.827					
419	-.599	.144	-.226	-1.606					
420	-.577	.112	-.095	-1.333					
421	-.552	.098	-.267	-1.296					
422	-.527	.089	-.259	-1.035					
423	-.501	.081	-.243	-.930					
424	-.480	.080	-.192	-.783					
425	-.651	.147	-.210	-1.496					
426	-.620	.120	-.212	-1.144					
427	-.594	.120	-.243	-1.227					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.560	.051	-.363	-.753	141	-.596	.108	-.294	-1.151
102	-.563	.047	-.418	-.741	142	-.691	.124	-.248	-1.231
103	-.606	.047	-.455	-.794	143	-.632	.134	-.323	-1.858
104	-.618	.049	-.453	-.804	144	-.663	.135	-.278	-1.998
105	-.646	.061	-.433	-.918	145	-.745	.151	-.374	-1.819
106	-.657	.066	-.412	-1.084	146	-.781	.143	-.075	-1.415
107	-.666	.066	-.443	-.954	147	-.621	.128	-.006	-1.161
108	-.587	.051	-.428	-.796	148	-.412	.125	.014	-.906
109	-.598	.046	-.439	-.755	149	-.369	.170	.067	-1.308
110	-.604	.045	-.439	-.764	150	-.693	.144	-.361	-2.118
111	-.611	.046	-.465	-.816	151	-.728	.156	-.211	-2.144
112	-.620	.054	-.449	-.853	152	-.834	.210	-.185	-1.970
113	-.625	.062	-.390	-.839	153	-.753	.171	-.057	-1.423
114	-.655	.072	-.343	-.983	154	-.484	.136	.112	-.928
115	-.574	.052	-.372	-.804	155	-.310	.108	.152	-.739
116	-.585	.051	-.432	-.796	156	-.305	.115	.160	-.898
117	-.588	.049	-.439	-.812	157	-.719	.204	-.181	-3.074
118	-.586	.047	-.437	-.761	158	-.746	.203	-.158	-2.707
119	-.573	.050	-.365	-.751	159	-.832	.230	-.160	-1.945
120	-.586	.064	-.327	-.820	160	-.589	.187	.073	-1.275
121	-.644	.086	-.305	-1.318	161	-.353	.118	.071	-.745
122	-.574	.058	-.404	-.837	162	-.279	.118	.148	-.806
123	-.580	.056	-.420	-.826	163	-.283	.155	.142	-1.220
124	-.602	.056	-.416	-.833	201	-.424	.050	-.234	-.627
125	-.606	.056	-.408	-.837	202	-.263	.055	-.043	-.455
126	-.593	.054	-.384	-.830	203	-.172	.067	.035	-.392
127	-.600	.060	-.361	-.837	204	-.070	.085	.223	-.380
128	-.659	.094	-.349	-1.151	205	.014	.091	.319	-.307
129	-.581	.074	-.337	-.960	206	.041	.131	.359	-.715
130	-.593	.073	-.396	-1.166	207	.258	.144	.664	-.489
131	-.625	.072	-.424	-1.003	208	-.281	.051	-.099	-.489
132	-.290	.008	.323	.260	209	.080	.067	.288	-.160
133	-.627	.074	-.388	-.999	210	.275	.086	.506	.018
134	-.645	.080	-.349	-1.021	211	.397	.094	.640	.136
135	-.735	.104	-.447	-1.474	212	.514	.106	.800	.205
136	-.598	.109	-.323	-1.226	213	.600	.119	.938	.244
137	-.622	.103	-.353	-1.218	214	.582	.149	.992	-.027
138	-.679	.106	-.420	-1.521	215	-.258	.062	.022	-.508
139	-.705	.111	-.359	-1.277	216	.110	.076	.421	-.141
140	-.609	.096	-.156	-.962	217	.287	.086	.568	.020

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.403	.099	.676	.116	302	-.159	.098	.198	-.857
219	.506	.111	.813	.174	303	-.208	.083	.139	-.468
220	.609	.126	.966	.231	304	-.227	.069	.073	-.429
221	.576	.145	.998	.131	305	-.294	.062	-.033	-.470
222	-.293	.065	-.074	-.668	306	-.441	.050	-.249	-.629
223	.050	.068	.370	-.222	307	-.199	.234	.676	-1.196
224	.230	.077	.510	-.006	308	.046	.191	.421	-.978
225	.345	.086	.602	.100	309	-.077	.053	.116	-.331
226	.460	.099	.755	.149	310	-.231	.050	-.055	-.398
227	.552	.113	.915	.239	311	-.369	.048	-.192	-.539
228	.545	.137	.953	.151	312	-.509	.043	-.372	-.666
229	-.357	.066	-.099	-.591	313	-.231	.256	.737	-.968
230	-.021	.054	.179	-.210	314	.042	.218	.447	-1.041
231	.147	.059	.356	-.034	315	-.113	.063	.125	-.690
232	.266	.068	.482	.065	316	-.288	.056	-.063	-.445
233	.360	.086	.694	.076	317	-.426	.059	-.198	-.627
234	.479	.106	.831	.063	318	-.531	.051	-.367	-.725
235	.516	.130	.961	.022	319	-.205	.258	.645	-1.080
236	-.433	.072	-.108	-.723	320	.049	.171	.398	-.970
237	-.133	.042	.038	-.267	321	-.131	.066	.196	-.370
238	.011	.038	.164	-.121	322	-.308	.071	.016	-.543
239	.114	.046	.280	-.025	323	-.447	.073	-.118	-.749
240	.246	.073	.632	.029	324	-.533	.058	-.327	-.784
241	.391	.102	.936	.094	325	-.140	.271	.668	-1.074
242	.443	.136	.885	-.125	326	.049	.140	.421	-.835
243	.111	.085	.378	-.363	327	-.158	.077	.180	-.388
244	.055	.050	.235	-.136	328	-.327	.082	.086	-.625
245	-.013	.048	.157	-.269	329	-.463	.089	-.033	-.868
246	-.013	.058	.179	-.276	330	-.532	.076	-.218	-.853
247	.101	.071	.401	-.159	331	-.067	.308	.712	-1.234
248	.230	.109	.853	-.098	332	.034	.124	.426	-.632
249	.225	.137	.949	-.305	333	-.151	.080	.157	-.394
250	-.082	.068	.195	-.426	334	-.299	.080	.099	-.609
251	.004	.055	.206	-.408	335	-.426	.086	.049	-.757
252	-.005	.056	.183	-.520	336	-.503	.091	-.197	-.979
253	-.017	.063	.175	-.461	337	-.129	.304	.893	-1.178
254	.048	.078	.358	-.399	338	-.040	.122	.430	-.544
255	.153	.105	.652	-.300	339	-.167	.092	.271	-.463
256	.217	.135	.755	-.358	340	-.283	.084	.249	-.578
301	-.309	.237	.416	-.957	341	-.398	.090	.172	-.744

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 180

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.532	.103	-.087	-1.070	428	-.779	.127	-.425	-1.455
343	-.229	.261	.703	-1.207	429	-.741	.112	-.367	-1.227
344	-.093	.105	.414	-.622	430	-.722	.111	-.305	-1.140
345	-.177	.085	.206	-.439	431	-.792	.197	-.228	-1.856
346	-.253	.087	.132	-.569	432	-.810	.138	-.331	-1.391
347	-.349	.102	.287	-.670	433	-.876	.130	-.473	-1.471
348	-.499	.114	.323	-.936	434	-.897	.130	-.557	-1.467
349	-.086	.190	.484	-.990	435	-.860	.124	-.490	-1.352
350	-.009	.094	.320	-.613	436	-.830	.124	-.396	-1.465
351	-.420	.189	.437	-.970	437	-.274	.096	.096	-.734
352	-.227	.099	.287	-.528	438	-.342	.125	.054	-.864
353	-.309	.103	.286	-.658	439	-.597	.134	-.080	-1.126
354	-.452	.128	.119	-1.169	440	-.692	.147	.179	-1.258
401	-.673	.078	-.465	-1.102	441	-.731	.219	-.154	-1.852
402	-.658	.061	-.480	-.921	442	-.599	.206	-.007	-1.928
403	-.648	.057	-.461	-.884	443	-.256	.082	.013	-.584
404	-.660	.058	-.449	-.874	444	-.594	.008	-.569	-.625
405	-.648	.059	-.439	-.853	445	-.309	.101	.045	-.847
406	-.636	.057	-.425	-.821	446	-.074	.090	.495	-.340
407	-.723	.128	-.421	-1.788	447	-.263	.107	.233	-.604
408	-.706	.087	-.488	-1.249	448	-.279	.073	.103	-.508
409	-.674	.070	-.467	-.970	449	-.300	.069	-.036	-.585
410	-.658	.063	-.468	-.939	450	-.356	.097	-.043	-.813
411	-.646	.058	-.459	-.876	451	-.284	.102	.099	-.773
412	-.632	.058	-.447	-.878	501	-.676	.077	-.437	-1.204
413	-.753	.163	-.425	-1.839	502	-.541	.057	-.323	-.739
414	-.715	.109	-.359	-1.231	503	-.644	.065	-.410	-.917
415	-.670	.085	-.421	-1.141	504	-.903	.377	-.294	-2.433
416	-.655	.071	-.414	-.988					
417	-.642	.062	-.408	-.953					
418	-.632	.062	-.400	-.933					
419	-.781	.184	-.367	-2.017					
420	-.750	.133	-.329	-1.453					
421	-.717	.114	-.412	-1.268					
422	-.694	.098	-.404	-1.219					
423	-.664	.084	-.386	-1.023					
424	-.654	.084	-.351	-.984					
425	-.899	.169	-.408	-1.821					
426	-.860	.153	-.265	-1.513					
427	-.841	.148	-.414	-1.768					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.589	.055	-.397	-.819	141	-.721	.140	-.327	-1.428
102	-.586	.054	-.403	-.804	142	-.782	.118	-.346	-1.408
103	-.639	.056	-.425	-.850	143	-.628	.090	-.282	-1.031
104	-.669	.060	-.444	-.908	144	-.647	.087	-.358	-1.154
105	-.700	.058	-.468	-.908	145	-.719	.094	-.446	-1.388
106	-.702	.057	-.480	-.897	146	-.736	.100	-.432	-1.245
107	-.721	.062	-.498	-.964	147	-.597	.085	-.199	-.921
108	-.596	.046	-.431	-.813	148	-.417	.105	.034	-.853
109	-.610	.046	-.449	-.759	149	-.420	.198	.174	-1.575
110	-.611	.045	-.458	-.765	150	-.713	.123	-.420	-1.343
111	-.620	.047	-.475	-.789	151	-.746	.128	-.434	-1.625
112	-.622	.052	-.397	-.839	152	-.810	.134	-.319	-1.370
113	-.665	.065	-.324	-.899	153	-.717	.117	-.186	-1.247
114	-.709	.087	-.437	-1.203	154	-.481	.093	-.083	-.875
115	-.597	.050	-.318	-.765	155	-.354	.077	.031	-.670
116	-.599	.050	-.305	-.789	156	-.362	.085	-.071	-.759
117	-.605	.048	-.413	-.796	157	-.755	.184	-.325	-2.120
118	-.595	.048	-.389	-.801	158	-.764	.192	-.334	-1.847
119	-.597	.055	-.330	-.811	159	-.753	.196	-.132	-1.682
120	-.614	.073	-.352	-.937	160	-.555	.160	.094	-1.159
121	-.694	.108	-.358	-1.205	161	-.383	.101	.110	-.746
122	-.584	.055	-.377	-.802	162	-.323	.099	.129	-.842
123	-.594	.053	-.395	-.819	163	-.321	.116	.039	-1.055
124	-.599	.052	-.409	-.811	201	-.363	.061	-.166	-.596
125	-.607	.050	-.364	-.841	202	-.177	.071	.062	-.510
126	-.601	.055	-.328	-.813	203	-.069	.086	.196	-.400
127	-.630	.073	-.244	-.942	204	-.001	.100	.316	-.346
128	-.707	.108	-.345	-1.205	205	.071	.108	.400	-.321
129	-.584	.056	-.388	-.807	206	.041	.107	.348	-.319
130	-.587	.054	-.383	-.850	207	.116	.121	.502	-.422
131	-.609	.054	-.419	-.924	208	-.190	.070	.037	-.458
132	.308	.007	.331	.282	209	.237	.092	.551	-.055
133	-.631	.067	-.412	-.921	210	.438	.107	.755	.085
134	-.671	.080	-.388	-.984	211	.554	.110	.912	.186
135	-.786	.108	-.404	-1.267	212	.630	.114	.988	.226
136	-.577	.072	-.357	-1.093	213	.629	.120	1.021	.241
137	-.590	.059	-.382	-.828	214	.343	.145	.756	-.275
138	-.631	.061	-.429	-.926	215	-.179	.079	.099	-.487
139	-.659	.075	-.426	-1.001	216	.263	.100	.559	-.103
140	-.600	.080	-.294	-.908	217	.457	.111	.758	.086

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.559	.117	.936	.175	302	-.844	.209	-.082	-1.628
219	.625	.123	.990	.236	303	-.489	.153	-.166	-1.193
220	.632	.131	.982	.265	304	-.441	.060	-.201	-.770
221	.346	.146	.795	-.129	305	-.469	.047	-.271	-.778
222	-.229	.083	.105	-.522	306	-.543	.050	-.370	-.719
223	.178	.096	.487	-.109	307	-.841	.172	-.101	-1.583
224	.376	.106	.745	.082	308	-.854	.263	.191	-2.099
225	.482	.113	.914	.150	309	-.420	.287	.072	-1.626
226	.541	.127	.938	.181	310	-.340	.104	.018	-1.175
227	.538	.135	.922	.175	311	-.452	.058	-.152	-.745
228	.277	.150	.797	-.209	312	-.568	.045	-.384	-.739
229	-.312	.068	-.004	-.581	313	-.850	.196	-.006	-1.680
230	.085	.079	.416	-.188	314	-.862	.304	.296	-2.236
231	.264	.088	.552	-.022	315	-.418	.301	.117	-1.702
232	.354	.091	.633	.073	316	-.347	.117	.062	-1.193
233	.439	.103	.778	.109	317	-.452	.073	-.160	-.854
234	.482	.123	.839	.009	318	-.563	.055	-.339	-.747
235	.280	.142	.717	-.335	319	-.824	.210	.113	-1.906
236	-.400	.075	-.095	-.672	320	-.792	.326	.242	-1.667
237	-.054	.070	.323	-.280	321	-.349	.240	.097	-1.526
238	.072	.060	.448	-.106	322	-.365	.096	.025	-.996
239	.137	.058	.360	-.054	323	-.476	.066	-.162	-.809
240	.223	.087	.495	-.068	324	-.562	.052	-.365	-.776
241	.322	.143	.918	-.156	325	-.852	.242	.353	-1.830
242	.190	.181	.903	-.563	326	-.691	.344	.160	-1.856
243	.076	.065	.328	-.201	327	-.340	.145	0.000	-1.448
244	.027	.053	.244	-.220	328	-.394	.070	-.121	-.850
245	-.042	.058	.199	-.272	329	-.492	.059	-.246	-.702
246	-.089	.075	.242	-.398	330	-.551	.055	-.281	-.751
247	-.046	.093	.314	-.389	331	-.774	.257	.421	-2.185
248	.085	.133	.690	-.419	332	-.388	.198	.256	-1.283
249	.115	.202	.898	-.496	333	-.317	.068	.109	-.661
250	.003	.112	.435	-.803	334	-.390	.051	-.045	-.565
251	.047	.125	.505	-.688	335	-.469	.049	-.278	-.651
252	-.005	.117	.455	-.495	336	-.529	.059	-.321	-.824
253	-.102	.109	.330	-.738	337	-.606	.238	.323	-1.755
254	-.160	.103	.210	-.758	338	-.257	.094	.068	-.706
255	-.195	.137	.466	-.819	339	-.307	.060	-.072	-.604
256	-.243	.192	.706	-.957	340	-.369	.051	-.134	-.561
301	-.892	.162	-.380	-2.739	341	-.456	.050	-.237	-.658

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 195

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.570	.066	-.378	-.927	428	-.885	.096	-.579	-1.328
343	-.568	.294	.428	-1.625	429	-.850	.082	-.559	-1.168
344	-.360	.154	.116	-1.111	430	-.839	.080	-.566	-1.129
345	-.334	.089	.081	-.656	431	-.785	.123	-.296	-1.419
346	-.360	.077	.077	-.640	432	-.870	.135	-.249	-1.418
347	-.427	.073	-.057	-.717	433	-.947	.121	-.355	-1.520
348	-.556	.079	-.303	-1.054	434	-.988	.123	-.516	-1.695
349	-.380	.253	.435	-1.767	435	-.964	.115	-.604	-1.539
350	-.407	.274	.351	-1.726	436	-.933	.109	-.577	-1.477
351	-.526	.133	.172	-1.041	437	-.305	.085	-.013	-.758
352	-.365	.114	.127	-.841	438	-.359	.088	-.048	-.660
353	-.391	.088	-.020	-.774	439	-.437	.106	-.029	-.774
354	-.504	.095	-.224	-.971	440	-.469	.149	-.120	-1.154
401	-.776	.113	-.495	-1.577	441	-.556	.267	.530	-1.532
402	-.750	.073	-.394	-1.084	442	-.610	.179	-.047	-1.636
403	-.726	.067	-.526	-1.062	443	-.325	.075	-.073	-.792
404	-.749	.066	-.515	-1.376	444	-.550	.007	-.525	-.573
405	-.734	.055	-.540	-1.010	445	-.409	.089	-.125	-1.057
406	-.725	.054	-.530	-.949	446	-.013	.070	.278	-.407
407	-.847	.193	-.351	-2.133	447	-.341	.094	.038	-.672
408	-.807	.128	-.327	-1.657	448	-.362	.076	.013	-.670
409	-.758	.099	-.489	-1.556	449	-.346	.061	-.065	-.573
410	-.737	.079	-.481	-1.218	450	-.296	.075	-.018	-.629
411	-.720	.069	-.489	-1.115	451	-.172	.089	.118	-.604
412	-.716	.067	-.489	-1.140	501	-.753	.082	-.368	-1.160
413	-.889	.249	-.353	-2.563	502	-.632	.064	-.380	-.963
414	-.841	.155	-.386	-1.694	503	-.714	.064	-.487	-1.021
415	-.773	.128	-.413	-1.526	504	-.890	.104	-.441	-1.378
416	-.745	.099	-.474	-1.400					
417	-.722	.079	-.513	-1.205					
418	-.711	.078	-.468	-1.166					
419	-.917	.260	-.302	-2.154					
420	-.872	.169	-.259	-1.766					
421	-.825	.138	-.472	-1.680					
422	-.791	.104	-.489	-1.443					
423	-.755	.081	-.495	-1.144					
424	-.739	.087	-.456	-1.154					
425	-.975	.171	-.485	-1.883					
426	-.950	.149	-.458	-1.618					
427	-.939	.118	-.554	-1.565					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.603	.087	-.284	-1.021	141	-.756	.134	-.371	-1.530
102	-.598	.085	-.250	-1.048	142	-.728	.126	-.212	-1.241
103	-.648	.080	-.399	-.989	143	-.698	.121	-.363	-1.401
104	-.672	.072	-.441	-.949	144	-.719	.119	-.433	-1.367
105	-.679	.069	-.444	-.967	145	-.766	.119	-.480	-1.422
106	-.675	.080	-.409	-1.192	146	-.698	.082	-.416	-1.095
107	-.692	.092	-.422	-1.204	147	-.554	.076	-.228	-.904
108	-.614	.109	-.255	-1.242	148	-.448	.094	-.035	-.834
109	-.613	.088	-.338	-1.058	149	-.478	.204	.052	-1.595
110	-.611	.073	-.419	-1.155	150	-.876	.211	-.350	-2.132
111	-.600	.064	-.363	-1.061	151	-.870	.188	-.358	-1.884
112	-.588	.068	-.275	-.977	152	-.767	.166	-.260	-1.607
113	-.603	.075	-.334	-1.001	153	-.580	.113	-.221	-.999
114	-.664	.110	-.299	-1.132	154	-.448	.059	-.166	-.683
115	-.628	.134	-.200	-1.289	155	-.408	.054	-.130	-.558
116	-.612	.099	-.330	-.996	156	-.415	.060	-.191	-.745
117	-.616	.079	-.366	-.946	157	-.708	.327	-.043	-2.591
118	-.597	.062	-.369	-.870	158	-.623	.265	-.178	-1.990
119	-.586	.062	-.291	-.796	159	-.473	.151	-.109	-1.414
120	-.603	.080	-.258	-1.067	160	-.395	.076	-.062	-1.121
121	-.692	.130	-.244	-1.274	161	-.347	.057	-.052	-.527
122	-.631	.109	-.253	-1.198	162	-.320	.060	.018	-.514
123	-.622	.090	-.331	-.996	163	-.308	.067	-.035	-.546
124	-.619	.071	-.366	-.962	201	-.220	.079	.029	-.581
125	-.628	.063	-.422	-.849	202	-.049	.089	.243	-.424
126	-.622	.064	-.418	-.858	203	.060	.108	.368	-.372
127	-.645	.082	-.375	-.995	204	.095	.115	.518	-.378
128	-.712	.123	-.309	-1.469	205	.113	.115	.530	-.377
129	-.613	.079	-.319	-1.152	206	.016	.117	.609	-.393
130	-.615	.069	-.409	-1.021	207	-.122	.118	.293	-.522
131	-.629	.063	-.427	-.912	208	-.030	.095	.322	-.380
132	.319	.008	.344	.285	209	.403	.134	.801	-.155
133	-.643	.069	-.419	-.949	210	.587	.120	.993	.144
134	-.679	.086	-.300	-1.111	211	.647	.121	.983	.243
135	-.752	.119	-.253	-1.239	212	.648	.125	.992	.235
136	-.597	.077	-.369	-.932	213	.516	.126	.896	.044
137	-.634	.080	-.408	-1.123	214	.035	.128	.468	-.427
138	-.665	.079	-.466	-1.120	215	-.033	.099	.296	-.458
139	-.664	.081	-.421	-.996	216	.418	.119	.795	.004
140	-.642	.088	-.346	-1.008	217	.583	.126	1.031	.176

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.635	.131	1.105	.222	302	-1.202	.215	-.495	-1.940
219	.626	.129	.998	.232	303	-1.009	.235	-.358	-2.147
220	.514	.123	.979	.116	304	-.737	.194	-.257	-1.503
221	.031	.120	.571	-.499	305	-.590	.137	-.151	-1.323
222	-.084	.102	.234	-.549	306	-.576	.097	-.174	-1.164
223	.347	.122	.708	-.075	307	-1.099	.150	-.605	-1.677
224	.514	.130	.903	.133	308	-1.138	.152	-.640	-1.710
225	.574	.131	.959	.188	309	-1.152	.201	-.164	-2.037
226	.590	.127	1.072	.219	310	-.922	.286	-.010	-1.917
227	.476	.123	.888	.081	311	-.691	.229	-.012	-1.646
228	.006	.123	.412	-.486	312	-.653	.183	-.205	-1.756
229	-.164	.096	.225	-.507	313	-1.075	.167	-.638	-1.915
230	.727	.095	.647	-.027	314	-1.120	.180	-.561	-2.700
231	.364	.089	.668	.092	315	-1.106	.251	.141	-2.257
232	.413	.095	.725	.122	316	-.914	.316	.110	-1.990
233	.408	.153	.792	-.549	317	-.718	.280	.081	-1.778
234	.376	.116	.749	-.053	318	-.668	.252	-.035	-2.166
235	.019	.142	.668	-.457	319	-1.118	.170	-.559	-2.269
236	-.229	.125	.262	-.578	320	-1.162	.193	-.221	-2.486
237	.110	.102	.498	-.184	321	-1.059	.319	.048	-2.350
238	.170	.074	.473	-.140	322	-.857	.338	-.023	-2.296
239	.146	.064	.393	-.119	323	-.673	.251	-.048	-1.689
240	.104	.087	.473	-.209	324	-.651	.190	-.091	-1.633
241	.062	.131	.606	-.478	325	-1.248	.236	-.511	-2.269
242	-.167	.193	.570	-.967	326	-1.282	.346	.103	-2.952
243	.165	.114	.622	-.319	327	-.882	.385	.060	-2.476
244	.151	.098	.556	-.200	328	-.580	.239	-.004	-1.540
245	.086	.087	.422	-.269	329	-.540	.131	-.074	-1.437
246	-.034	.087	.347	-.395	330	-.579	.090	-.164	-1.281
247	-.193	.105	.223	-.673	331	-1.196	.303	-.129	-2.730
248	-.334	.178	.358	-1.143	332	-.817	.423	.044	-2.397
249	-.412	.298	.480	-1.809	333	-.442	.180	.117	-1.667
250	.096	.105	.416	-.416	334	-.422	.078	-.050	-.960
251	.225	.106	.578	-.259	335	-.471	.060	-.181	-.870
252	.303	.100	.599	-.420	336	-.530	.065	-.253	-.994
253	.280	.102	.618	-.207	337	-.932	.407	.216	-2.727
254	.122	.113	.429	-.464	338	-.660	.382	-.018	-2.433
255	-.077	.128	.229	-.657	339	-.448	.188	.035	-1.550
256	-.255	.119	.115	-.739	340	-.409	.105	-.048	-.951
301	-1.311	.356	-.605	-3.488	341	-.460	.075	-.152	-.946

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 210

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.581	.079	-.289	-.971	428	-.877	.128	-.191	-1.699
343	-.743	.231	-.129	-2.433	429	-.847	.110	-.540	-1.623
344	-.665	.200	-.074	-1.522	430	-.837	.103	-.567	-1.587
345	-.537	.156	-.124	-1.079	431	-.670	.132	-.207	-1.173
346	-.462	.136	.120	-1.031	432	-.725	.172	-.244	-1.292
347	-.459	.125	.129	-1.036	433	-.812	.188	-.167	-1.439
348	-.597	.121	-.039	-1.054	434	-.928	.187	-.144	-1.731
349	-.433	.183	.011	-1.456	435	-.976	.173	-.280	-2.223
350	-.434	.190	.057	-1.587	436	-.968	.166	-.482	-2.137
351	-.371	.136	.078	-1.012	437	-.343	.080	-.034	-.652
352	-.333	.140	.136	-.967	438	-.349	.065	-.120	-.595
353	-.330	.109	.216	-.783	439	-.330	.100	.099	-.705
354	-.411	.114	.018	-1.130	440	-.306	.172	.191	-.872
401	-.797	.189	-.122	-1.863	441	-.098	.269	.707	-.944
402	-.740	.115	-.313	-1.259	442	-.466	.246	.448	-1.538
403	-.720	.104	-.424	-1.447	443	-.356	.073	-.080	-1.070
404	-.704	.097	-.447	-1.352	444	-.229	.007	-.202	-.250
405	-.683	.082	-.435	-1.118	445	-.408	.067	-.181	-.746
406	-.675	.083	-.433	-1.064	446	-.022	.121	.471	-.579
407	-.830	.237	-.296	-2.476	447	-.332	.080	-.007	-.659
408	-.786	.170	-.207	-1.584	448	-.365	.100	.009	-.810
409	-.750	.141	-.348	-1.594	449	-.351	.072	-.069	-.772
410	-.727	.110	-.457	-1.526	450	-.348	.076	-.106	-.767
411	-.702	.094	-.474	-1.350	451	-.105	.102	.165	-.749
412	-.697	.088	-.451	-1.120	501	-.741	.133	-.395	-1.488
413	-.888	.293	-.188	-2.352	502	-.615	.105	-.182	-1.197
414	-.820	.185	-.228	-1.882	503	-.669	.072	-.426	-1.002
415	-.784	.163	-.315	-1.812	504	-.962	.130	-.499	-1.348
416	-.754	.107	-.437	-1.443					
417	-.728	.087	-.466	-1.105					
418	-.718	.086	-.470	-1.048					
419	-.905	.275	-.161	-2.770					
420	-.829	.187	-.060	-1.905					
421	-.840	.178	-.230	-2.149					
422	-.813	.136	-.356	-1.768					
423	-.774	.107	-.460	-1.445					
424	-.773	.109	-.464	-1.211					
425	-.882	.203	-.286	-1.760					
426	-.874	.169	-.162	-1.484					
427	-.912	.152	-.271	-1.658					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.598	.138	-.151	-1.389	141	-.625	.124	-.311	-1.241
102	-.568	.111	-.238	-1.269	142	-.605	.121	-.292	-1.433
103	-.559	.096	-.283	-1.090	143	-.603	.144	-.125	-1.349
104	-.552	.091	-.162	-1.090	144	-.608	.113	-.189	-1.101
105	-.552	.095	-.269	-1.151	145	-.684	.114	-.382	-1.402
106	-.559	.110	-.232	-1.309	146	-.605	.100	-.236	-1.113
107	-.587	.128	-.189	-1.239	147	-.446	.090	-.097	-1.033
108	-.615	.122	-.264	-1.120	148	-.411	.075	-.081	-.716
109	-.551	.083	-.255	-.936	149	-.386	.084	-.047	-.918
110	-.527	.066	-.280	-.795	150	-.666	.157	-.310	-1.538
111	-.526	.058	-.227	-.701	151	-.680	.140	-.367	-1.455
112	-.535	.068	-.292	-.847	152	-.692	.132	-.366	-1.291
113	-.552	.080	-.295	-.844	153	-.517	.092	-.193	-.927
114	-.605	.108	-.239	-1.061	154	-.366	.070	-.062	-.725
115	-.646	.106	-.254	-1.111	155	-.354	.057	-.127	-.540
116	-.587	.084	-.283	-1.002	156	-.394	.059	-.146	-.626
117	-.574	.068	-.310	-.834	157	-.612	.212	-.114	-2.550
118	-.564	.062	-.328	-.823	158	-.563	.147	-.207	-1.536
119	-.574	.065	-.310	-.900	159	-.559	.154	-.187	-1.424
120	-.590	.078	-.291	-1.002	160	-.439	.123	.004	-.946
121	-.642	.119	-.220	-1.130	161	-.313	.094	.006	-.608
122	-.666	.143	-.241	-1.408	162	-.284	.086	.148	-.741
123	-.608	.093	-.274	-1.037	163	-.274	.091	.168	-.682
124	-.579	.071	-.218	-.801	201	-.082	.091	.232	-.431
125	-.587	.064	-.366	-.825	202	.074	.095	.421	-.282
126	-.586	.070	-.338	-.925	203	.150	.108	.549	-.229
127	-.608	.084	-.326	-.918	204	.149	.111	.494	-.241
128	-.668	.122	-.242	-1.111	205	.134	.110	.435	-.272
129	-.687	.164	-.155	-1.585	206	.048	.098	.342	-.331
130	-.632	.101	-.304	-.974	207	-.103	.098	.232	-.499
131	-.618	.074	-.342	-.874	208	.111	.092	.452	-.238
132	.322	.011	.360	.276	209	.527	.111	.863	.180
133	-.612	.078	-.333	-.992	210	.637	.125	1.037	.127
134	-.631	.090	-.342	-.967	211	.649	.123	1.006	.205
135	-.681	.121	-.286	-1.139	212	.598	.122	.967	.164
136	-.608	.151	-.193	-1.185	213	.436	.115	.794	-.004
137	-.611	.118	-.267	-1.126	214	.004	.105	.332	-.388
138	-.630	.086	-.357	-.996	215	.103	.101	.432	-.328
139	-.590	.073	-.348	-.897	216	.532	.119	.890	.036
140	-.575	.086	-.288	-.989	217	.643	.125	1.059	.142

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.651	.129	1.003	.230	302	-.687	.152	-.284	-1.623
219	.577	.122	.952	.150	303	-.717	.168	-.288	-1.587
220	.416	.111	.746	-.010	304	-.717	.171	-.284	-1.662
221	-.013	.096	.311	-.447	305	-.674	.184	-.119	-2.216
222	.085	.115	.436	-.349	306	-.740	.274	.012	-2.314
223	.494	.128	.871	.065	307	-.649	.111	-.338	-1.387
224	.604	.125	.973	.217	308	-.662	.096	-.447	-1.312
225	.587	.116	.925	.240	309	-.691	.132	-.380	-1.548
226	.518	.117	.963	.171	310	-.719	.166	-.313	-1.625
227	.355	.114	.806	-.046	311	-.751	.179	-.169	-2.024
228	-.062	.106	.290	-.520	312	-.773	.094	-.459	-1.167
229	.078	.120	.487	-.415	313	-.690	.115	-.399	-1.512
230	.442	.125	.869	.018	314	-.693	.102	-.432	-1.261
231	.494	.109	.867	.185	315	-.718	.126	-.414	-1.744
232	.439	.095	.789	.161	316	-.737	.156	-.322	-1.832
233	.361	.095	.745	.086	317	-.758	.191	-.090	-1.681
234	.220	.103	.671	-.148	318	-.803	.273	-.065	-3.014
235	-.150	.117	.306	-.726	319	-.746	.116	-.418	-1.406
236	.142	.148	.655	-.439	320	-.755	.113	-.476	-1.393
237	.418	.124	.827	-.046	321	-.776	.147	-.418	-1.746
238	.382	.093	.668	.066	322	-.814	.202	.073	-2.009
239	.276	.074	.567	.046	323	-.788	.205	-.107	-1.899
240	.159	.075	.505	-.088	324	-.829	.278	-.092	-2.089
241	.010	.086	.362	-.240	325	-.874	.177	-.466	-2.254
242	-.314	.112	.124	-.715	326	-.885	.177	-.462	-2.795
243	.313	.123	.860	-.373	327	-.901	.193	-.171	-2.087
244	.291	.101	.681	-.086	328	-.877	.219	-.044	-1.876
245	.211	.086	.501	-.181	329	-.789	.242	.004	-1.823
246	.122	.068	.439	-.167	330	-.799	.313	.090	-2.264
247	.004	.064	.269	-.251	331	-.900	.187	-.437	-2.271
248	-.170	.076	.128	-.523	332	-.912	.205	-.262	-2.324
249	-.478	.097	-.132	-1.054	333	-.884	.222	-.174	-2.188
250	.082	.107	.803	-.348	334	-.778	.243	-.042	-1.886
251	.150	.077	.479	-.150	335	-.682	.242	.024	-1.864
252	.163	.060	.401	-.110	336	-.662	.260	.141	-1.994
253	.157	.079	.529	-.139	337	-.859	.180	-.403	-1.928
254	.078	.080	.397	-.179	338	-.875	.200	-.252	-2.737
255	-.072	.078	.278	-.410	339	-.863	.197	-.214	-1.852
256	-.341	.111	.079	-.906	340	-.774	.190	-.104	-1.568
301	-.664	.155	-.265	-2.135	341	-.665	.170	-.141	-1.394

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 225

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.641	.185	-.121	-1.789	428	-.855	.135	-.375	-1.612
343	-.784	.136	-.318	-1.588	429	-.832	.124	-.490	-1.875
344	-.812	.144	-.309	-1.617	430	-.826	.119	-.474	-1.650
345	-.776	.149	-.296	-1.515	431	-.600	.112	-.296	-1.089
346	-.659	.150	-.165	-1.319	432	-.573	.106	-.278	-1.039
347	-.603	.134	-.086	-1.180	433	-.604	.136	-.227	-1.116
348	-.608	.117	-.218	-1.074	434	-.727	.179	-.179	-1.268
349	-.881	.253	-.128	-2.249	435	-.897	.210	-.249	-1.980
350	-.902	.227	-.101	-1.811	436	-.936	.233	-.421	-2.582
351	-.670	.151	.048	-1.180	437	-.364	.062	-.146	-.620
352	-.659	.183	.223	-1.413	438	-.411	.069	-.130	-.690
353	-.522	.175	.229	-1.246	439	-.495	.093	-.185	-.884
354	-.495	.163	.057	-1.378	440	-.630	.162	.042	-1.164
401	-.737	.239	-.148	-2.109	441	-.023	.125	.492	-.682
402	-.668	.158	-.152	-1.589	442	-.169	.264	.593	-1.427
403	-.683	.161	-.226	-1.514	443	-.369	.058	-.135	-.640
404	-.696	.154	-.075	-1.667	444	-.231	.030	-.170	-.300
405	-.665	.134	-.349	-1.640	445	-.435	.078	-.185	-.825
406	-.662	.148	-.349	-2.920	446	.216	.125	.752	-.284
407	-.762	.228	-.178	-2.224	447	-.313	.082	.070	-.596
408	-.729	.168	-.038	-1.569	448	-.354	.064	-.093	-.604
409	-.710	.154	-.305	-1.660	449	-.371	.057	-.172	-.586
410	-.694	.135	-.353	-1.548	450	-.372	.057	-.190	-.556
411	-.659	.111	-.365	-1.307	451	-.169	.100	.212	-.719
412	-.647	.106	-.299	-1.155	501	-.660	.184	-.196	-1.554
413	-.778	.226	-.150	-1.967	502	-.667	.184	-.159	-1.746
414	-.732	.165	-.148	-1.660	503	-.601	.099	-.320	-1.023
415	-.731	.166	-.349	-2.009	504	-.598	.105	-.311	-1.034
416	-.739	.143	-.297	-1.884					
417	-.711	.116	-.416	-1.587					
418	-.699	.111	-.403	-1.429					
419	-.822	.239	-.027	-1.911					
420	-.771	.196	-.052	-2.015					
421	-.833	.192	-.292	-1.771					
422	-.820	.157	-.332	-1.633					
423	-.779	.124	-.382	-1.397					
424	-.782	.126	-.301	-1.479					
425	-.765	.184	-.226	-1.637					
426	-.780	.159	-.261	-1.412					
427	-.861	.159	-.244	-1.520					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONF)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.517	.090	-.249	-1.167	141	-.474	.074	-.238	-.823
102	-.506	.074	-.261	-.905	142	-.457	.073	-.178	-.845
103	-.512	.063	-.265	-.877	143	-.574	.124	-.171	-1.020
104	-.515	.066	-.309	-.825	144	-.572	.093	-.290	-.930
105	-.509	.072	-.278	-.825	145	-.603	.090	-.294	-1.077
106	-.497	.091	-.185	-1.004	146	-.550	.085	-.271	-1.078
107	-.505	.102	-.154	-1.058	147	-.398	.081	-.109	-.646
108	-.498	.085	-.239	-1.132	148	-.338	.063	-.047	-.573
109	-.477	.065	-.249	-.730	149	-.323	.069	-.009	-.681
110	-.476	.058	-.219	-.692	150	-.551	.106	-.273	-1.124
111	-.493	.058	-.300	-.717	151	-.567	.105	-.302	-1.280
112	-.505	.071	-.264	-.749	152	-.605	.112	-.334	-1.281
113	-.515	.092	-.205	-.901	153	-.597	.100	-.265	-1.042
114	-.547	.132	-.117	-1.102	154	-.433	.075	-.102	-.670
115	-.523	.091	-.255	-1.009	155	-.343	.066	-.023	-.586
116	-.475	.065	-.254	-.775	156	-.355	.067	-.074	-.641
117	-.480	.056	-.235	-.681	157	-.616	.193	-.200	-2.002
118	-.493	.058	-.297	-.714	158	-.587	.151	-.252	-1.459
119	-.511	.074	-.289	-.829	159	-.577	.145	-.296	-1.326
120	-.524	.105	-.204	-.944	160	-.544	.141	-.120	-1.277
121	-.577	.167	-.009	-1.288	161	-.394	.099	-.003	-.803
122	-.550	.097	-.211	-.995	162	-.349	.094	-.057	-.835
123	-.500	.070	-.264	-.886	163	-.339	.096	-.017	-.920
124	-.483	.060	-.271	-.813	201	-.033	.109	.321	-.452
125	-.502	.060	-.281	-.886	202	.087	.101	.442	-.283
126	-.512	.072	-.230	-.848	203	.153	.113	.479	-.238
127	-.535	.101	-.191	-.988	204	.120	.115	.452	-.245
128	-.578	.152	-.109	-1.237	205	.078	.108	.382	-.303
129	-.597	.106	-.219	-1.080	206	-.005	.084	.278	-.316
130	-.542	.079	-.255	-.835	207	-.150	.074	.146	-.420
131	-.517	.070	-.238	-.797	208	.179	.118	.622	-.331
132	.330	.008	.360	.300	209	.586	.124	1.017	.171
133	-.509	.067	-.315	-.761	210	.662	.117	1.035	.273
134	-.521	.084	-.287	-.854	211	.612	.109	.998	.227
135	-.549	.118	-.195	-1.162	212	.509	.104	.876	.192
136	-.608	.122	-.222	-1.197	213	.319	.092	.660	.020
137	-.580	.091	-.315	-.998	214	-.053	.080	.186	-.402
138	-.552	.082	-.273	-.912	215	.175	.128	.690	-.360
139	-.502	.067	-.262	-.816	216	.601	.130	1.037	.188
140	-.464	.059	-.286	-.723	217	.663	.125	1.044	.293

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.611	.115	.989	.236	302	-.511	.075	-.287	-.876
219	.498	.105	.830	.146	303	-.524	.079	-.318	-.927
220	.314	.093	.611	-.025	304	-.534	.086	-.274	-.971
221	-.067	.075	.205	-.406	305	-.563	.110	-.251	-1.242
222	.136	.142	.678	-.448	306	-.596	.160	-.253	-1.855
223	.541	.138	.964	.144	307	-.512	.072	-.310	-.858
224	.606	.123	1.044	.268	308	-.516	.061	-.358	-.820
225	.547	.110	.991	.230	309	-.527	.082	-.238	-1.265
226	.435	.108	.816	.140	310	-.558	.093	-.259	-1.019
227	.251	.093	.596	-.056	311	-.602	.123	-.264	-1.353
228	-.110	.078	.157	-.420	312	-.620	.072	-.422	-.960
229	.131	.133	.592	-.392	313	-.537	.082	-.274	-.945
230	.509	.127	.950	.072	314	-.545	.076	-.289	-.860
231	.541	.112	.863	.229	315	-.559	.087	-.322	-1.023
232	.462	.102	.780	.205	316	-.578	.108	-.287	-1.314
233	.359	.091	.710	.030	317	-.630	.149	-.140	-1.813
234	.191	.080	.481	-.153	318	-.664	.225	-.188	-2.842
235	-.151	.070	.122	-.486	319	-.568	.081	-.349	-.968
236	.135	.157	.782	-.462	320	-.574	.081	-.354	-1.008
237	.428	.142	.878	.026	321	-.588	.093	-.333	-1.167
238	.375	.095	.712	.115	322	-.608	.111	-.289	-1.343
239	.279	.069	.512	.041	323	-.664	.153	-.174	-1.682
240	.191	.067	.436	-.026	324	-.688	.216	-.184	-2.205
241	.052	.073	.362	-.174	325	-.604	.090	-.358	-1.232
242	-.233	.076	.057	-.525	326	-.618	.087	-.324	-1.002
243	.286	.126	.828	-.118	327	-.635	.101	-.343	-1.339
244	.259	.100	.699	-.148	328	-.654	.123	-.054	-1.334
245	.195	.075	.470	-.122	329	-.690	.163	-.017	-1.562
246	.118	.059	.318	-.159	330	-.712	.231	-.036	-2.217
247	.039	.052	.240	-.150	331	-.624	.085	-.348	-1.096
248	-.087	.055	.137	-.298	332	-.624	.088	-.333	-1.227
249	-.355	.088	.057	-.828	333	-.641	.103	-.272	-1.342
250	.054	.084	.462	-.226	334	-.649	.128	-.209	-1.466
251	.120	.069	.438	-.194	335	-.662	.155	-.146	-1.514
252	.129	.056	.392	-.041	336	-.673	.214	-.174	-2.039
253	.108	.057	.381	-.107	337	-.670	.132	-.153	-1.802
254	.056	.067	.357	-.120	338	-.683	.152	-.176	-1.943
255	-.053	.074	.250	-.259	339	-.687	.188	-.067	-1.934
256	-.288	.104	.087	-.653	340	-.645	.186	.002	-1.630
301	-.502	.076	-.259	-.891	341	-.591	.170	-.081	-1.253

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 240

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.579	.189	-.055	-1.531	428	-.941	.252	.044	-2.152
343	-.671	.152	.020	-1.514	429	-1.035	.230	-.521	-2.326
344	-.700	.177	.190	-1.636	430	-1.010	.208	-.553	-1.939
345	-.667	.195	.096	-1.608	431	-.431	.070	-.129	-.767
346	-.554	.185	.037	-1.388	432	-.433	.065	-.183	-.800
347	-.507	.152	.002	-1.081	433	-.435	.090	-.126	-.976
348	-.515	.111	-.153	-1.022	434	-.550	.197	-.133	-1.242
349	-.790	.248	.100	-1.963	435	-1.114	.308	-.111	-2.412
350	-.786	.227	.170	-1.941	436	-1.197	.295	-.551	-2.693
351	-.532	.138	.031	-1.044	437	-.306	.061	-.079	-.558
352	-.489	.187	.205	-1.244	438	-.352	.064	-.102	-.706
353	-.350	.179	.471	-.954	439	-.436	.083	-.152	-.832
354	-.386	.133	.190	-1.109	440	-.612	.134	-.213	-1.207
401	-.544	.149	-.080	-1.431	441	-.004	.130	.401	-.732
402	-.591	.165	-.075	-1.746	442	-.237	.240	.588	-1.185
403	-.708	.194	-.136	-1.759	443	-.318	.057	-.140	-.593
404	-.833	.210	-.046	-1.686	444	-.598	.011	-.560	-.632
405	-.910	.243	-.331	-1.901	445	-.382	.069	-.181	-.775
406	-.998	.387	-.376	-3.206	446	.133	.128	.643	-.250
407	-.657	.249	.038	-1.908	447	-.308	.083	.026	-.588
408	-.638	.224	.138	-1.504	448	-.337	.061	-.118	-.582
409	-.791	.246	.052	-1.747	449	-.327	.050	-.148	-.525
410	-.920	.254	-.123	-1.937	450	-.316	.050	-.170	-.514
411	-.893	.237	-.312	-1.889	451	-.155	.085	.207	-.632
412	-.829	.229	-.381	-1.711	501	-.525	.133	-.056	-1.203
413	-.698	.278	-.088	-2.167	502	-.575	.124	-.295	-1.450
414	-.698	.252	.109	-1.677	503	-.756	.165	-.362	-1.278
415	-.833	.281	.119	-1.966	504	-.504	.075	-.299	-.889
416	-.927	.270	.320	-2.182					
417	-.907	.247	-.299	-2.119					
418	-.878	.232	-.282	-1.830					
419	-.667	.266	-.031	-1.793					
420	-.674	.276	.314	-1.931					
421	-.838	.297	.165	-1.874					
422	-.974	.268	.031	-2.203					
423	-.981	.234	-.377	-2.014					
424	-.966	.227	-.391	-2.179					
425	-.567	.163	-.096	-1.677					
426	-.604	.199	.010	-1.360					
427	-.741	.259	.092	-1.770					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.448	.052	-.278	-.660	141	-.804	.237	-.322	-2.060
102	-.444	.048	-.247	-.616	142	-.739	.227	-.273	-1.877
103	-.445	.046	-.308	-.627	143	-.528	.100	-.161	-.886
104	-.443	.048	-.285	-.614	144	-.490	.085	-.210	-.810
105	-.439	.053	-.243	-.672	145	-.450	.100	-.148	-.887
106	-.426	.058	-.245	-.728	146	-.381	.089	-.040	-.782
107	-.419	.054	-.207	-.647	147	-.420	.094	-.135	-.883
108	-.449	.052	-.273	-.669	148	-.419	.095	-.163	-1.099
109	-.441	.041	-.289	-.618	149	-.484	.234	-.073	-2.690
110	-.440	.038	-.276	-.577	150	-.437	.091	-.147	-.866
111	-.444	.038	-.325	-.572	151	-.467	.085	-.229	-.882
112	-.440	.045	-.299	-.591	152	-.516	.105	-.108	-.994
113	-.439	.054	-.266	-.660	153	-.417	.102	-.066	-.856
114	-.433	.056	-.237	-.925	154	-.300	.065	-.009	-.604
115	-.462	.055	-.243	-.769	155	-.281	.064	-.049	-.554
116	-.448	.049	-.275	-.693	156	-.279	.058	-.059	-.608
117	-.461	.048	-.260	-.647	157	-.478	.120	-.197	-1.215
118	-.468	.046	-.266	-.662	158	-.470	.107	-.227	-1.077
119	-.464	.051	-.302	-.673	159	-.496	.137	-.122	-1.145
120	-.449	.060	-.265	-.666	160	-.389	.128	-.073	-1.028
121	-.453	.072	-.184	-.889	161	-.306	.080	.026	-.582
122	-.486	.075	-.224	-.890	162	-.277	.069	.027	-.515
123	-.472	.058	-.257	-.696	163	-.256	.074	.020	-.616
124	-.486	.057	-.243	-.718	201	.125	.115	.462	-.341
125	-.512	.059	-.305	-.887	202	.149	.098	.486	-.177
126	-.501	.059	-.306	-.788	203	.181	.101	.509	-.135
127	-.474	.062	-.289	-.844	204	.114	.098	.421	-.204
128	-.462	.075	-.200	-.879	205	.027	.086	.288	-.298
129	-.499	.089	-.174	-.949	206	-.062	.073	.253	-.358
130	-.472	.072	-.233	-.736	207	-.197	.059	.069	-.446
131	-.495	.072	-.210	-.755	208	.314	.154	.885	-.163
132	.330	.008	.357	.302	209	.639	.140	1.060	.154
133	-.583	.094	-.308	-1.072	210	.613	.112	.902	.270
134	-.519	.082	-.301	-1.060	211	.511	.097	.769	.203
135	-.494	.080	-.246	-.943	212	.383	.087	.643	.091
136	-.493	.092	-.147	-1.028	213	.192	.073	.421	-.076
137	-.455	.084	-.072	-.792	214	-.134	.062	.101	-.361
138	-.446	.080	-.108	-.781	215	.284	.154	.786	-.167
139	-.513	.085	-.266	-.896	216	.638	.139	1.077	.211
140	-.665	.145	-.291	-1.326	217	.621	.120	1.034	.178

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.513	.092	.852	.192	302	-.449	.050	-.264	-.658
219	.375	.082	.704	.101	303	-.452	.050	-.299	-.704
220	.191	.072	.508	-.037	304	-.455	.046	-.320	-.656
221	-.135	.059	.116	-.405	305	-.465	.058	-.322	-.815
222	.271	.157	.832	-.208	306	-.478	.077	-.273	-1.193
223	.601	.142	.999	.142	307	-.447	.049	-.258	-.650
224	.591	.113	.877	.258	308	-.448	.049	-.260	-.650
225	.476	.101	.768	.173	309	-.452	.051	-.262	-.685
226	.325	.086	.605	.056	310	-.469	.056	-.301	-.720
227	.148	.074	.456	-.093	311	-.482	.068	-.308	-.927
228	-.154	.063	.111	-.423	312	-.496	.092	-.306	-1.189
229	.233	.148	.704	-.266	313	-.455	.061	-.283	-.692
230	.530	.132	.911	.038	314	-.471	.060	-.283	-.828
231	.493	.102	.775	.142	315	-.476	.063	-.314	-.968
232	.371	.080	.616	.087	316	-.489	.072	-.258	-1.239
233	.254	.070	.503	.029	317	-.510	.091	-.287	-1.272
234	.098	.063	.326	-.104	318	-.533	.134	-.279	-1.798
235	-.178	.056	.071	-.377	319	-.464	.064	-.260	-.723
236	.242	.148	.791	-.350	320	-.469	.064	-.266	-.727
237	.462	.138	1.032	.084	321	-.482	.071	-.279	-.819
238	.365	.089	.674	.075	322	-.514	.075	-.295	-.997
239	.218	.054	.401	.031	323	-.544	.106	-.270	-1.393
240	.111	.049	.323	-.055	324	-.567	.149	-.246	-1.744
241	-.016	.054	.317	-.179	325	-.483	.065	-.260	-.788
242	-.252	.058	.104	-.567	326	-.501	.067	-.272	-.764
243	.252	.124	.716	-.120	327	-.515	.072	-.283	-.875
244	.257	.110	.725	-.102	328	-.539	.088	-.260	-1.113
245	.172	.071	.494	-.093	329	-.576	.122	-.266	-1.387
246	.075	.045	.297	-.093	330	-.616	.174	-.184	-1.728
247	.004	.044	.235	-.188	331	-.503	.066	-.315	-.729
248	-.106	.049	.135	-.343	332	-.508	.066	-.304	-.722
249	-.349	.069	-.067	-.724	333	-.525	.072	-.237	-.939
250	.088	.089	.494	-.195	334	-.544	.084	-.253	-1.050
251	.143	.090	.540	-.139	335	-.576	.115	-.146	-1.243
252	.124	.075	.529	-.095	336	-.588	.154	-.202	-2.076
253	.053	.053	.261	-.140	337	-.554	.085	-.303	-1.052
254	-.019	.048	.264	-.197	338	-.560	.088	-.255	-1.434
255	-.104	.063	.248	-.306	339	-.582	.113	-.144	-1.593
256	-.284	.094	.126	-.727	340	-.574	.116	-.064	-1.307
301	-.430	.049	-.272	-.648	341	-.569	.128	-.144	-1.380

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 255

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.586	.173	-.135	-1.445	428	-.603	.223	.035	-1.325
343	-.604	.125	-.139	-1.588	429	-1.004	.189	-.078	-1.843
344	-.617	.145	-.049	-2.063	430	-1.015	.176	-.589	-2.136
345	-.606	.137	-.046	-1.784	431	-.582	.138	-.231	-1.114
346	-.516	.126	-.042	-1.172	432	-.444	.085	-.033	-.769
347	-.446	.125	.051	-1.181	433	-.349	.068	-.040	-.605
348	-.422	.114	-.020	-1.207	434	-.319	.093	-.035	-.868
349	-.675	.209	-.160	-1.830	435	-.680	.292	.113	-1.715
350	-.680	.182	-.191	-1.533	436	-1.012	.237	-.392	-2.052
351	-.551	.094	-.135	-.908	437	-.312	.095	-.062	-.837
352	-.533	.118	-.062	-1.044	438	-.299	.083	-.058	-.643
353	-.434	.115	.155	-.917	439	-.333	.110	.111	-.833
354	-.411	.111	-.047	-1.137	440	-.419	.153	.080	-1.095
401	-.375	.050	-.192	-.592	441	-.061	.166	.405	-.838
402	-.371	.058	-.014	-.696	442	-.245	.200	.427	-1.026
403	-.372	.073	-.132	-.947	443	-.274	.064	-.057	-.591
404	-.467	.120	-.076	-1.129	444	-.383	.010	-.348	-.416
405	-.772	.212	-.155	-1.575	445	-.277	.059	-.095	-.567
406	-1.209	.282	-.551	-2.572	446	.044	.111	.636	-.436
407	-.412	.070	-.184	-.760	447	-.241	.059	.011	-.430
408	-.407	.145	.357	-1.220	448	-.248	.047	-.067	-.467
409	-.445	.222	.283	-1.418	449	-.231	.043	-.100	-.406
410	-.727	.325	.215	-1.684	450	-.230	.053	-.040	-.457
411	-1.068	.179	-.099	-2.200	451	-.132	.078	.148	-.547
412	-1.013	.158	-.407	-1.732	501	-.445	.063	-.235	-.718
413	-.426	.079	-.124	-.929	502	-.474	.073	-.242	-1.045
414	-.413	.144	.037	-1.084	503	-.749	.096	-.289	-1.181
415	-.459	.239	.120	-1.528	504	-.436	.055	-.254	-.725
416	-.742	.349	.268	-2.025					
417	-1.086	.198	.037	-2.134					
418	-1.045	.159	-.555	-1.835					
419	-.446	.080	-.136	-.917					
420	-.440	.143	.070	-1.300					
421	-.497	.220	.200	-1.501					
422	-.757	.291	.188	-1.971					
423	-1.051	.192	-.114	-1.984					
424	-1.025	.166	-.493	-1.827					
425	-.472	.074	-.225	-.778					
426	-.434	.077	-.060	-.782					
427	-.429	.116	.060	-1.065					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.360	.047	-.182	-.769	141	-.659	.191	-.290	-1.550
102	-.353	.047	-.191	-.948	142	-.640	.190	-.238	-1.550
103	-.350	.034	-.226	-.521	143	-.384	.075	-.144	-.729
104	-.344	.037	-.214	-.483	144	-.335	.060	-.125	-.542
105	-.344	.036	-.218	-.477	145	-.307	.062	-.071	-.534
106	-.321	.042	-.169	-.490	146	-.302	.057	-.104	-.535
107	-.321	.039	-.159	-.454	147	-.325	.060	-.149	-.649
108	-.366	.039	-.242	-.585	148	-.335	.072	-.165	-.752
109	-.363	.034	-.246	-.528	149	-.521	.268	.003	-2.215
110	-.361	.032	-.259	-.483	150	-.351	.073	-.078	-.646
111	-.362	.025	-.289	-.454	151	-.325	.059	-.081	-.537
112	-.353	.040	-.189	-.484	152	-.293	.063	-.033	-.544
113	-.352	.042	-.204	-.527	153	-.275	.054	-.050	-.471
114	-.345	.043	-.182	-.510	154	-.302	.052	-.130	-.490
115	-.388	.054	-.198	-.735	155	-.292	.051	-.142	-.615
116	-.372	.040	-.229	-.512	156	-.284	.049	-.117	-.490
117	-.378	.038	-.196	-.528	157	-.326	.083	-.057	-.776
118	-.382	.038	-.225	-.545	158	-.298	.075	-.083	-.688
119	-.375	.041	-.233	-.564	159	-.274	.075	.009	-.618
120	-.361	.047	-.204	-.678	160	-.269	.063	-.017	-.551
121	-.369	.063	-.186	-1.096	161	-.296	.043	-.169	-.578
122	-.403	.068	-.182	-.817	162	-.266	.039	-.134	-.437
123	-.385	.048	-.179	-.568	163	-.255	.041	-.112	-.421
124	-.397	.045	-.225	-.577	201	.474	.151	.971	-.236
125	-.429	.052	-.235	-.905	202	.335	.107	.661	-.114
126	-.423	.055	-.290	-.760	203	.239	.086	.512	-.093
127	-.397	.055	-.251	-.784	204	.155	.074	.393	-.085
128	-.384	.064	-.191	-.830	205	.041	.060	.270	-.192
129	-.397	.076	-.084	-.754	206	-.066	.056	.135	-.315
130	-.368	.056	-.152	-.621	207	-.188	.043	-.041	-.357
131	-.386	.051	-.196	-.646	208	.437	.193	.968	-.401
132	.343	.007	.369	.320	209	.630	.163	1.046	-.094
133	-.508	.087	-.289	-.893	210	.538	.125	.925	-.152
134	-.471	.099	-.255	-1.066	211	.409	.101	.706	-.135
135	-.447	.087	-.238	-.954	212	.279	.085	.531	-.182
136	-.390	.074	-.174	-.705	213	.106	.068	.303	-.249
137	-.355	.061	-.138	-.591	214	-.120	.049	.086	-.415
138	-.347	.057	-.112	-.609	215	.289	.221	1.164	-.487
139	-.407	.068	-.204	-.723	216	.526	.163	.942	.013
140	-.506	.105	-.130	-1.045	217	.483	.134	.877	.042

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.398	.110	.776	.023	302	-.313	.043	-.164	-.554
219	.280	.090	.569	-.076	303	-.317	.039	-.158	-.516
220	.130	.072	.392	-.166	304	-.318	.039	-.152	-.502
221	-.117	.053	.067	-.392	305	-.321	.044	-.162	-.540
222	.095	.208	1.168	-.706	306	-.333	.057	-.173	-.849
223	.343	.175	.919	-.363	307	-.320	.042	-.185	-.508
224	.370	.136	.795	-.120	308	-.321	.042	-.188	-.527
225	.309	.120	.691	-.116	309	-.326	.043	-.196	-.565
226	.203	.101	.691	-.099	310	-.342	.043	-.226	-.557
227	.074	.082	.390	-.190	311	-.350	.051	-.230	-.763
228	-.141	.064	.099	-.580	312	-.358	.063	-.223	-.875
229	.037	.208	.828	-1.099	313	-.337	.054	-.166	-.736
230	.267	.166	.787	-.536	314	-.348	.054	-.194	-.757
231	.260	.123	.767	-.258	315	-.355	.058	-.173	-.860
232	.162	.087	.471	-.182	316	-.367	.065	-.209	-.830
233	.060	.070	.361	-.222	317	-.388	.077	-.186	-.847
234	-.053	.060	.289	-.271	318	-.400	.101	-.194	-1.143
235	-.230	.055	-.054	-.482	319	-.343	.062	-.167	-.740
236	.126	.199	.796	-.541	320	-.348	.064	-.164	-.750
237	.283	.181	1.005	-.352	321	-.361	.072	-.175	-.807
238	.217	.113	.678	-.180	322	-.392	.086	-.164	-.980
239	.073	.064	.327	-.207	323	-.414	.099	-.154	-.873
240	-.032	.054	.180	-.220	324	-.434	.145	-.166	-1.442
241	-.125	.051	.076	-.339	325	-.355	.081	-.162	-.852
242	-.264	.058	-.065	-.637	326	-.364	.081	-.162	-.902
243	.232	.155	.792	-.227	327	-.379	.091	-.164	-1.161
244	.229	.139	.819	-.128	328	-.392	.097	-.120	-.904
245	.146	.095	.511	-.195	329	-.414	.116	-.072	-1.107
246	.003	.057	.269	-.226	330	-.445	.163	.057	-2.430
247	-.098	.055	.155	-.301	331	-.386	.080	-.175	-1.064
248	-.174	.054	.040	-.375	332	-.390	.082	-.179	-.969
249	-.298	.065	-.092	-.570	333	-.409	.092	-.184	-1.084
250	.100	.110	.622	-.280	334	-.422	.101	-.099	-1.202
251	.136	.104	.695	-.184	335	-.454	.117	.027	-.994
252	.109	.092	.642	-.175	336	-.465	.152	-.126	-1.389
253	.020	.074	.392	-.215	337	-.389	.086	-.155	-1.128
254	-.069	.065	.245	-.292	338	-.401	.091	-.175	-1.463
255	-.137	.074	.334	-.388	339	-.424	.094	-.207	-.929
256	-.234	.078	.135	-.520	340	-.417	.096	-.135	-.906
301	-.302	.043	-.150	-.521	341	-.420	.110	-.105	-1.021

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 270

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.441	.151	-.038	-1.344	428	-.403	.114	-.078	-1.055
343	-.390	.084	-.179	-.906	429	-.650	.228	-.054	-1.806
344	-.400	.091	-.155	-1.023	430	-.880	.245	-.043	-2.199
345	-.417	.100	-.128	-.971	431	-.556	.116	-.236	-1.059
346	-.409	.106	-.097	-.933	432	-.389	.077	-.083	-.929
347	-.401	.122	-.031	-1.073	433	-.302	.068	-.014	-.570
348	-.418	.163	-.087	-1.474	434	-.280	.080	.036	-.704
349	-.373	.104	-.105	-1.745	435	-.408	.197	.150	-1.267
350	-.396	.108	-.130	-1.005	436	-.732	.281	.339	-2.484
351	-.358	.073	-.143	-.817	437	-.296	.100	.014	-.960
352	-.377	.090	-.173	-.958	438	-.274	.088	.002	-.770
353	-.375	.108	.038	-1.503	439	-.271	.129	.094	-.985
354	-.393	.152	-.020	-1.436	440	-.336	.178	.135	-1.223
401	-.156	.059	.072	-.356	441	-.048	.128	.336	-.664
402	-.063	.088	.285	-.348	442	-.150	.203	.442	-1.037
403	-.017	.097	.341	-.304	443	-.252	.068	.036	-.516
404	-.050	.097	.291	-.384	444	-.158	.035	-.081	-.227
405	-.117	.114	.270	-.809	445	-.332	.056	-.143	-.543
406	-.965	.332	.202	-2.293	446	.023	.149	.702	-.475
407	-.283	.047	-.046	-.491	447	-.255	.045	-.070	-.410
408	-.245	.081	.032	-.565	448	-.229	.047	-.040	-.379
409	-.226	.107	.186	-.771	449	-.190	.051	.002	-.381
410	-.297	.194	.247	-1.121	450	-.181	.061	.036	-.473
411	-.766	.277	.373	-1.992	451	-.100	.106	.191	-.585
412	-.847	.191	-.139	-1.920	501	-.250	.049	-.067	-.445
413	-.320	.056	-.143	-.556	502	-.342	.066	-.107	-.732
414	-.313	.089	.017	-.708	503	-.364	.121	.053	-1.187
415	-.318	.128	.078	-1.016	504	-.306	.043	-.167	-.559
416	-.398	.229	.236	-1.379					
417	-.787	.345	.295	-2.140					
418	-.943	.266	-.158	-2.431					
419	-.357	.065	-.154	-.630					
420	-.327	.088	-.015	-.752					
421	-.327	.109	.089	-.900					
422	-.413	.177	.086	-1.275					
423	-.700	.272	.150	-1.813					
424	-.865	.302	.523	-2.272					
425	-.407	.071	-.219	-.677					
426	-.327	.063	-.082	-.613					
427	-.285	.073	.013	-.599					

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
101	-.279	.097	.016	-.946	141	-.234	.063	-.026	-.730
102	-.265	.079	-.004	-.717	142	-.256	.095	.096	-1.151
103	-.273	.074	-.049	-.838	143	-.178	.034	-.087	-.348
104	-.274	.064	-.110	-.720	144	-.161	.026	-.064	-.252
105	-.274	.063	-.064	-.880	145	-.169	.028	-.038	-.311
106	-.258	.070	-.035	-.746	146	-.175	.033	-.062	-.321
107	-.251	.062	-.054	-.594	147	-.187	.039	-.038	-.337
108	-.290	.069	-.085	-.754	148	-.202	.045	-.038	-.465
109	-.286	.057	-.120	-.602	149	-.235	.087	-.032	-.922
110	-.296	.065	-.133	-.647	150	-.166	.047	-.017	-.329
111	-.311	.081	-.085	-.724	151	-.140	.030	-.029	-.233
112	-.306	.096	-.042	-.862	152	-.137	.029	-.019	-.237
113	-.295	.097	.001	-1.054	153	-.156	.040	-.026	-.332
114	-.281	.089	-.028	-1.089	154	-.202	.051	0.000	-.385
115	-.260	.048	-.061	-.601	155	-.238	.051	-.052	-.485
116	-.261	.049	-.030	-.497	156	-.240	.047	0.000	-.604
117	-.298	.059	-.006	-.592	157	-.144	.059	.036	-.436
118	-.331	.080	-.046	-.688	158	-.113	.037	.026	-.222
119	-.365	.114	-.055	-.938	159	-.105	.034	.009	-.251
120	-.371	.166	.019	-1.800	160	-.110	.045	.033	-.343
121	-.398	.215	.153	-2.019	161	-.175	.081	.077	-.497
122	-.232	.045	-.080	-.456	162	-.261	.104	.020	-.762
123	-.228	.043	.007	-.387	163	-.266	.090	.004	-.728
124	-.243	.046	.051	-.453	201	.517	.205	1.032	-.291
125	-.277	.064	.030	-.653	202	.440	.142	.818	-.185
126	-.326	.096	.049	-.841	203	.331	.091	.599	-.049
127	-.381	.155	.156	-1.348	204	.183	.062	.416	-.046
128	-.426	.208	.195	-1.790	205	.065	.048	.291	-.201
129	-.219	.040	-.048	-.410	206	-.026	.045	.119	-.227
130	-.203	.035	-.074	-.346	207	-.103	.037	.012	-.253
131	-.207	.036	-.074	-.345	208	.189	.234	.860	-.492
132	.397	.006	.416	.376	209	.528	.204	1.060	-.248
133	-.251	.057	.049	-.502	210	.520	.121	.899	-.012
134	-.266	.075	-.012	-.626	211	.350	.076	.644	.084
135	-.293	.107	-.028	-1.061	212	.199	.056	.374	.020
136	-.193	.034	-.074	-.345	213	.055	.045	.206	-.107
137	-.189	.032	-.084	-.340	214	-.120	.037	.015	-.275
138	-.187	.032	-.074	-.306	215	-.109	.214	.719	-.711
139	-.196	.038	-.078	-.336	216	.234	.266	.988	-.575
140	-.211	.048	-.041	-.429	217	.442	.163	.932	-.283

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS. CONFIGURATION 2
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
218	.363	.104	.810	-.138	302	-.199	.038	-.068	-.364
219	.196	.068	.475	-.041	303	-.232	.033	-.122	-.385
220	.052	.048	.246	-.124	304	-.232	.027	-.145	-.378
221	-.121	.037	.029	-.248	305	-.232	.046	-.074	-.531
222	-.158	.172	.732	-.583	306	-.241	.070	-.041	-1.027
223	.027	.271	.874	-.715	307	-.223	.033	-.116	-.333
224	.265	.236	.876	-.628	308	-.223	.032	-.116	-.343
225	.297	.131	.852	-.271	309	-.229	.031	-.134	-.347
226	.161	.082	.556	-.258	310	-.241	.030	-.145	-.380
227	.027	.056	.289	-.329	311	-.245	.031	-.136	-.366
228	-.122	.041	.056	-.372	312	-.249	.036	-.145	-.455
229	-.124	.157	.609	-.602	313	-.231	.039	-.095	-.372
230	.060	.192	.620	-.572	314	-.241	.038	-.107	-.411
231	.161	.144	.629	-.456	315	-.247	.037	-.118	-.372
232	.117	.095	.659	-.353	316	-.254	.038	-.105	-.403
233	.004	.067	.312	-.315	317	-.260	.040	-.136	-.455
234	-.083	.048	.105	-.383	318	-.275	.050	-.128	-.686
235	-.191	.041	-.062	-.454	319	-.230	.047	-.081	-.570
236	.033	.155	.588	-.522	320	-.232	.046	-.099	-.622
237	.157	.136	.706	-.372	321	-.244	.044	-.089	-.486
238	.136	.088	.472	-.294	322	-.267	.048	-.122	-.539
239	.033	.065	.328	-.303	323	-.275	.056	-.147	-.699
240	-.061	.048	.148	-.267	324	-.274	.063	-.138	-.812
241	-.133	.039	.071	-.294	325	-.219	.085	-.045	-1.393
242	-.200	.037	-.075	-.449	326	-.230	.072	-.031	-1.563
243	.111	.078	.618	-.201	327	-.236	.058	-.060	-.719
244	.119	.074	.821	-.127	328	-.249	.054	-.101	-.632
245	.057	.063	.449	-.169	329	-.264	.064	-.029	-.688
246	-.040	.045	.143	-.314	330	-.272	.074	-.097	-.969
247	-.118	.039	.037	-.349	331	-.251	.049	-.062	-.700
248	-.161	.034	-.034	-.296	332	-.250	.048	-.100	-.649
249	-.200	.035	-.062	-.347	333	-.259	.043	-.125	-.481
250	.090	.096	.599	-.230	334	-.272	.044	-.143	-.481
251	.091	.088	.529	-.164	335	-.286	.050	-.139	-.551
252	.052	.080	.511	-.235	336	-.281	.055	-.141	-.609
253	-.039	.063	.283	-.296	337	-.219	.039	-.086	-.606
254	-.111	.046	.086	-.310	338	-.227	.038	-.103	-.520
255	-.150	.039	.018	-.322	339	-.238	.040	-.119	-.426
256	-.182	.035	-.053	-.319	340	-.249	.044	-.105	-.488
301	-.190	.037	-.068	-.349	341	-.269	.054	-.096	-.684

WIND ENGINEERING STUDY OF HOUSTON CENTER (ONE)
HOUSTON, TEXAS, CONFIGURATION 2
WIND DIRECTION 285

PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT	PRESSURE TAP NUMBER	MEAN PRESSURE COEFFICIENT	RMS PRESSURE COEFFICIENT	MAXIMUM PRESSURE COEFFICIENT	MINIMUM PRESSURE COEFFICIENT
342	-.263	.056	-.107	-.602	428	-.328	.089	-.032	-1.228
343	-.206	.034	-.052	-.403	429	-.381	.137	-.053	-1.210
344	-.210	.034	-.107	-.437	430	-.410	.180	-.093	-1.935
345	-.223	.042	-.052	-.404	431	-.298	.106	.306	-.839
346	-.235	.056	-.011	-.533	432	-.243	.093	.292	-.656
347	-.264	.069	.023	-.853	433	-.226	.070	.016	-.624
348	-.243	.065	-.027	-.691	434	-.247	.070	-.005	-.593
349	-.206	.039	-.084	-.412	435	-.365	.145	.062	-1.156
350	-.227	.049	-.078	-.877	436	-.552	.217	.009	-2.017
351	-.211	.038	-.043	-.376	437	-.229	.100	.239	-.732
352	-.230	.055	.045	-.481	438	-.164	.070	.118	-.387
353	-.259	.070	-.005	-.681	439	-.143	.102	.280	-.458
354	-.257	.076	-.045	-1.062	440	-.197	.115	.150	-.937
401	.095	.063	.339	-.242	441	-.107	.102	.239	-.650
402	.312	.091	.684	-.232	442	-.208	.137	.191	-.948
403	.443	.127	.781	-.223	443	-.211	.077	.091	-.597
404	.469	.205	1.168	-.628	444	.051	.013	.093	.020
405	.341	.233	1.046	-.606	445	-.280	.040	-.094	-.463
406	.138	.408	1.067	-1.639	446	-.063	.084	.308	-.440
407	-.217	.065	.033	-.573	447	-.182	.056	.118	-.397
408	-.192	.089	.186	-.523	448	-.115	.052	.135	-.269
409	-.193	.089	.124	-.562	449	-.080	.047	.134	-.248
410	-.232	.122	.147	-.688	450	-.090	.053	.121	-.301
411	-.541	.283	.314	-2.034	451	-.057	.101	.237	-.764
412	-.698	.332	.246	-2.511	501	-.140	.057	.077	-.409
413	-.308	.072	.039	-.657	502	-.272	.092	.019	-.695
414	-.323	.079	.021	-.659	503	.235	.197	.659	-.829
415	-.351	.096	.064	-.765	504	-.196	.042	-.068	-.368
416	-.402	.127	.058	-.969					
417	-.492	.189	-.014	-1.509					
418	-.457	.194	0.000	-1.790					
419	-.335	.108	.097	-.878					
420	-.286	.107	.180	-.765					
421	-.291	.108	.252	-.996					
422	-.301	.109	.107	-1.311					
423	-.311	.136	.108	-1.643					
424	-.317	.159	.118	-1.319					
425	-.271	.093	.120	-.713					
426	-.231	.095	.165	-.833					
427	-.245	.084	.132	-.550					

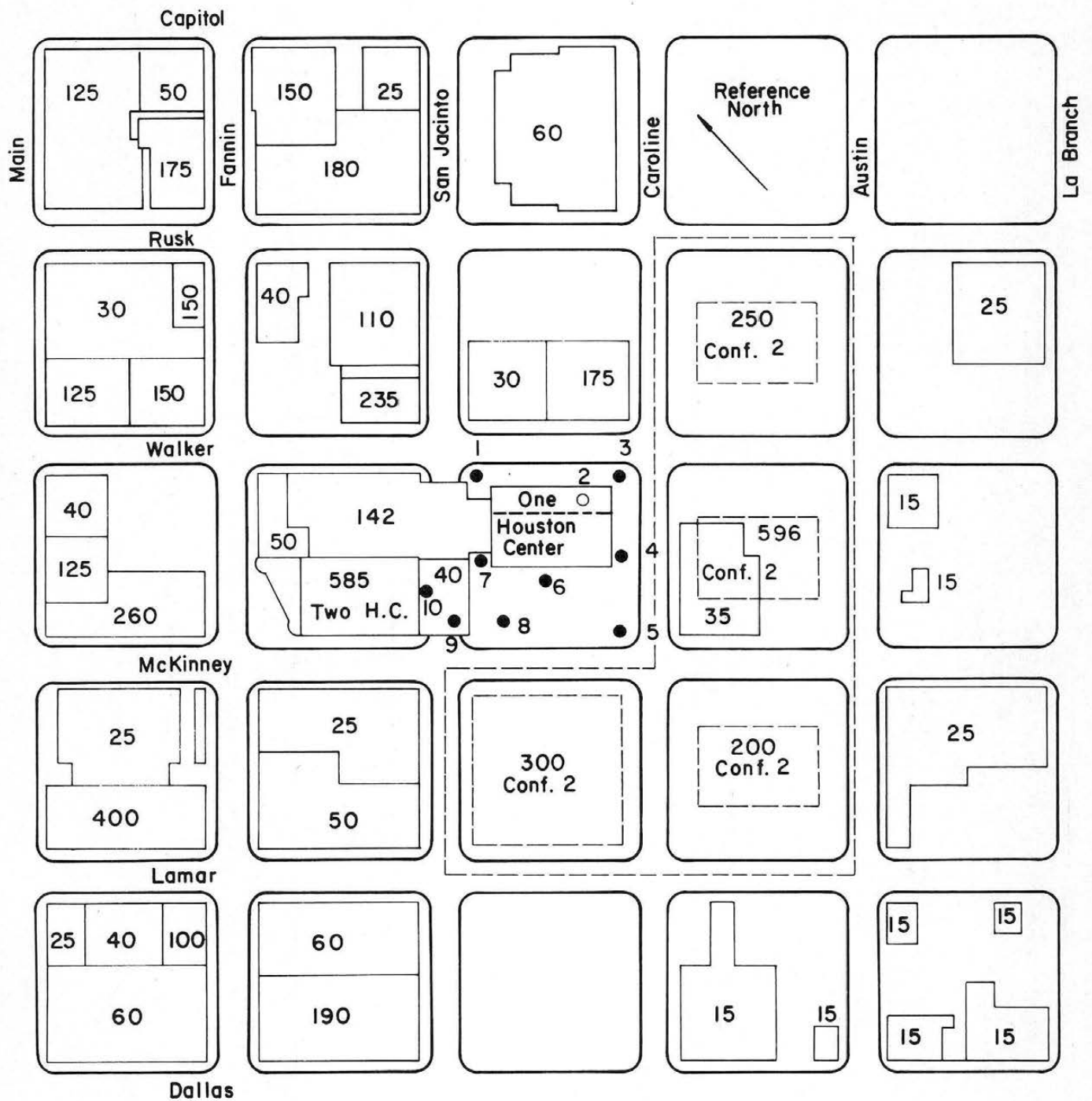


Figure 1. One Houston Center Building Location.

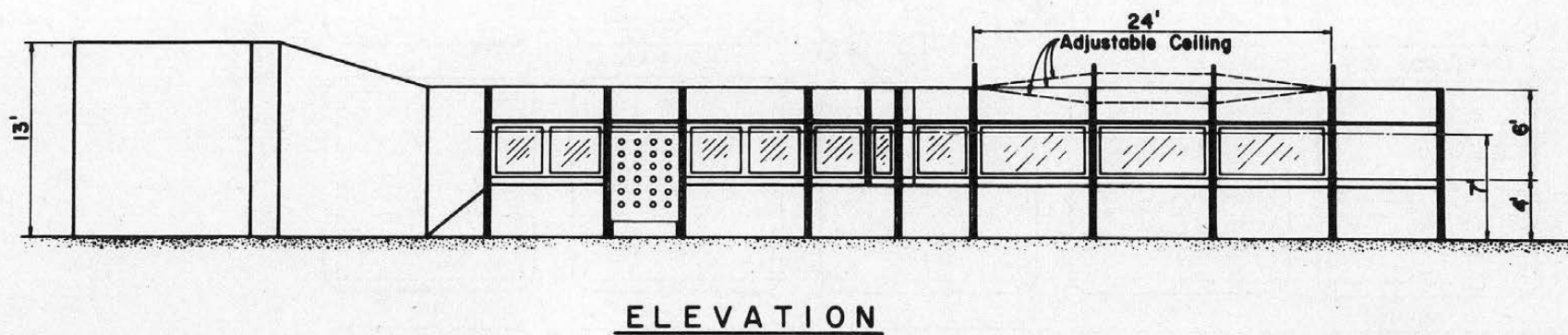
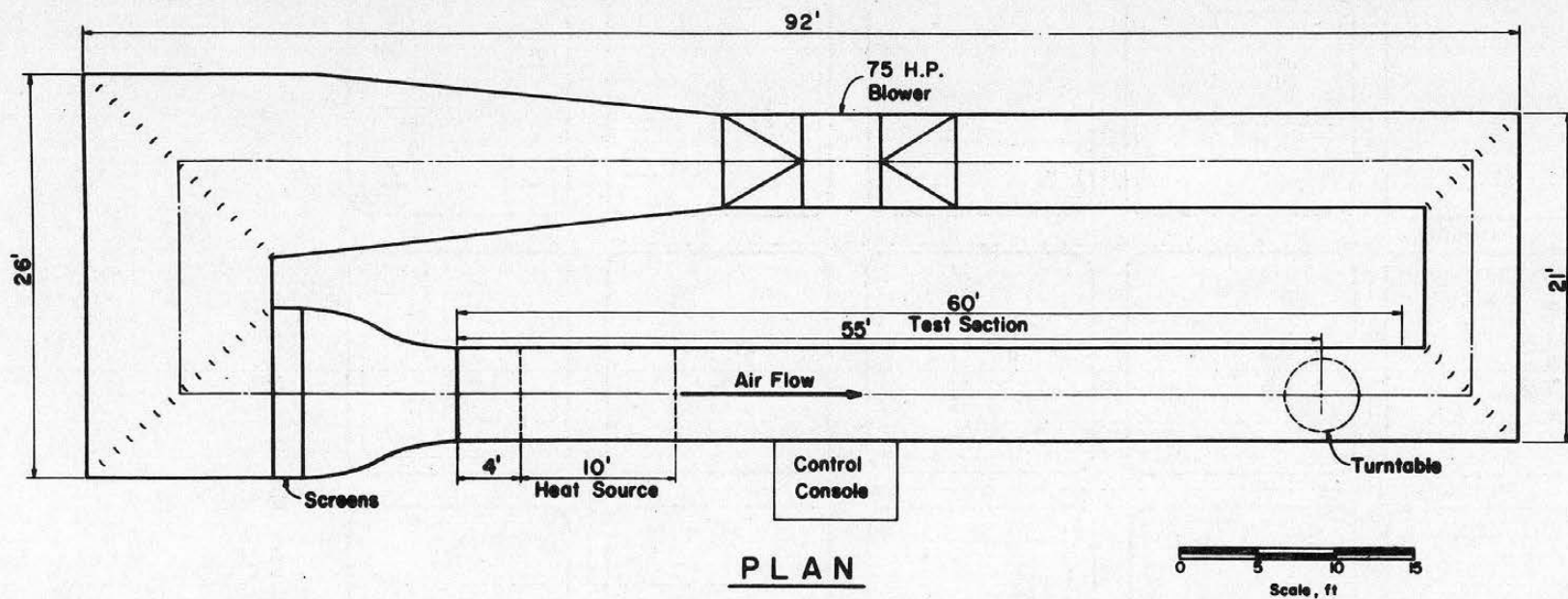


Figure 2. Industrial Aerodynamics Wind Tunnel.

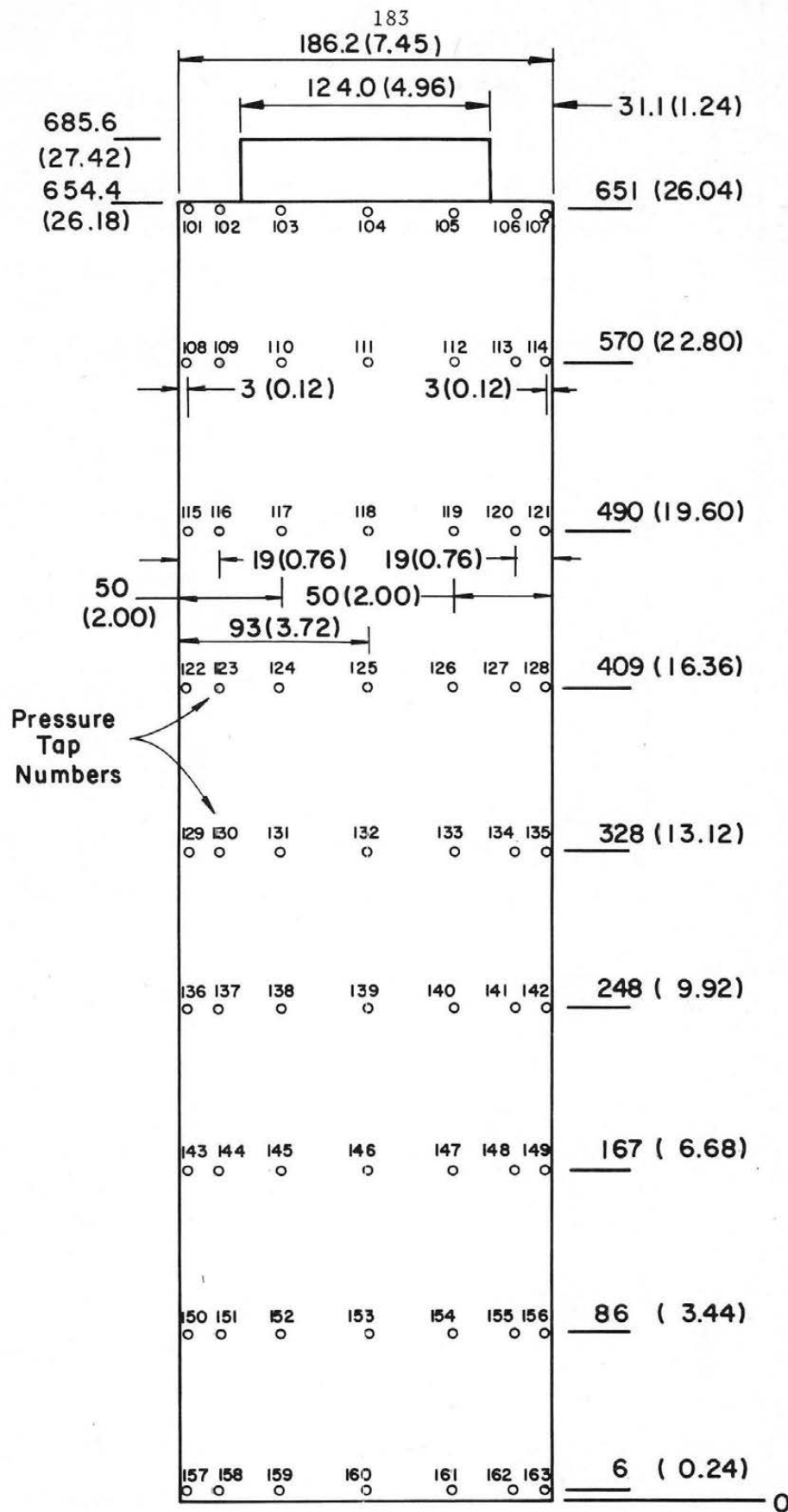


Figure 3a. Pressure Tap Locations.

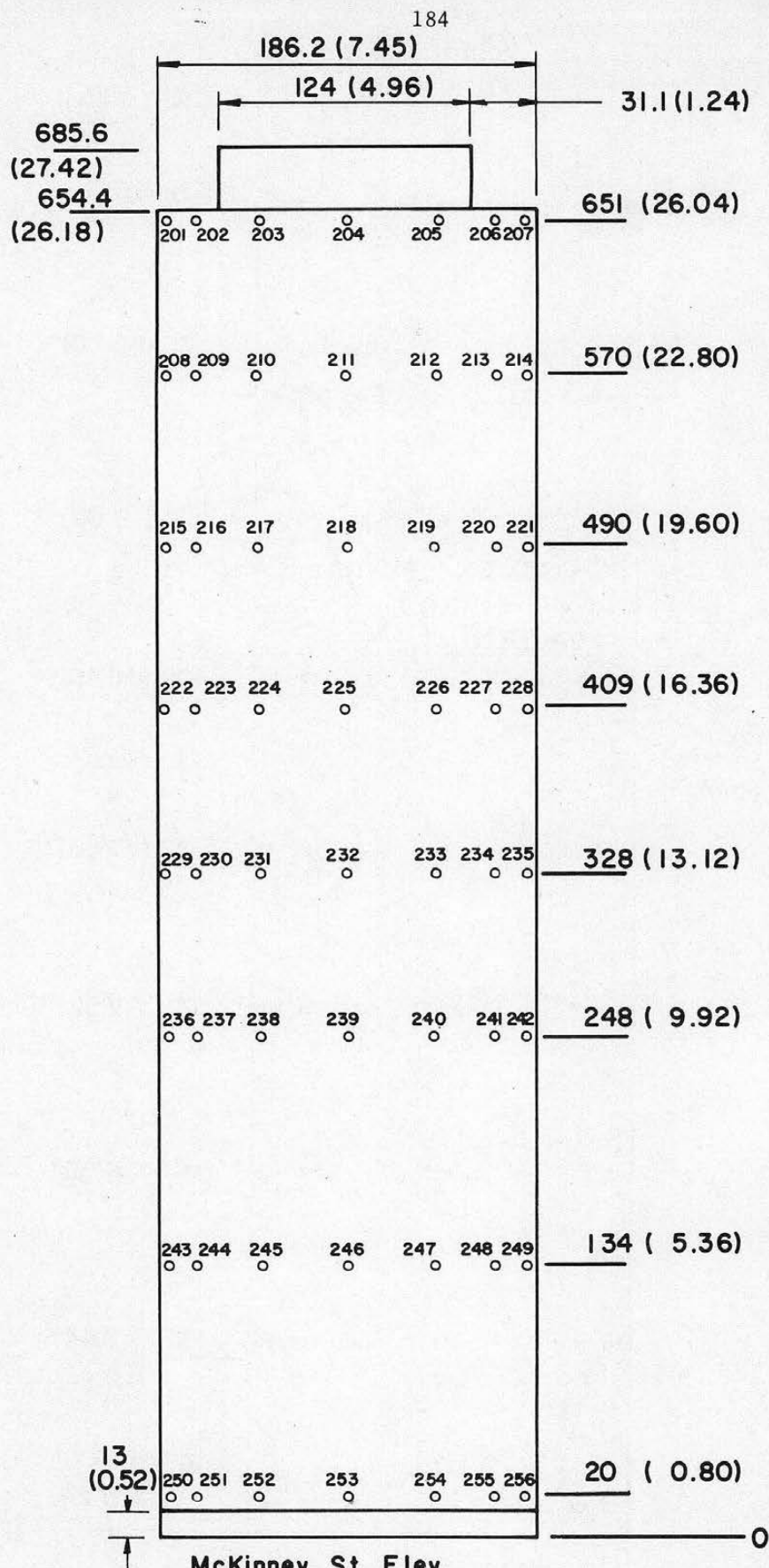
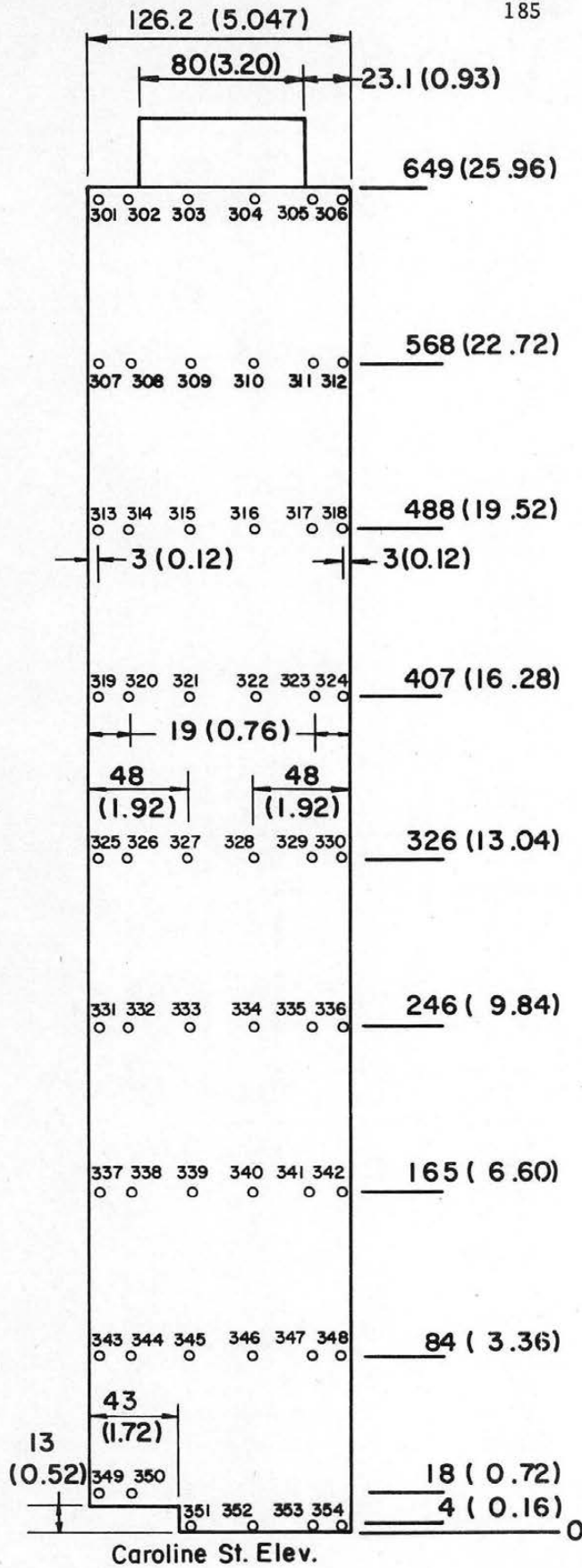
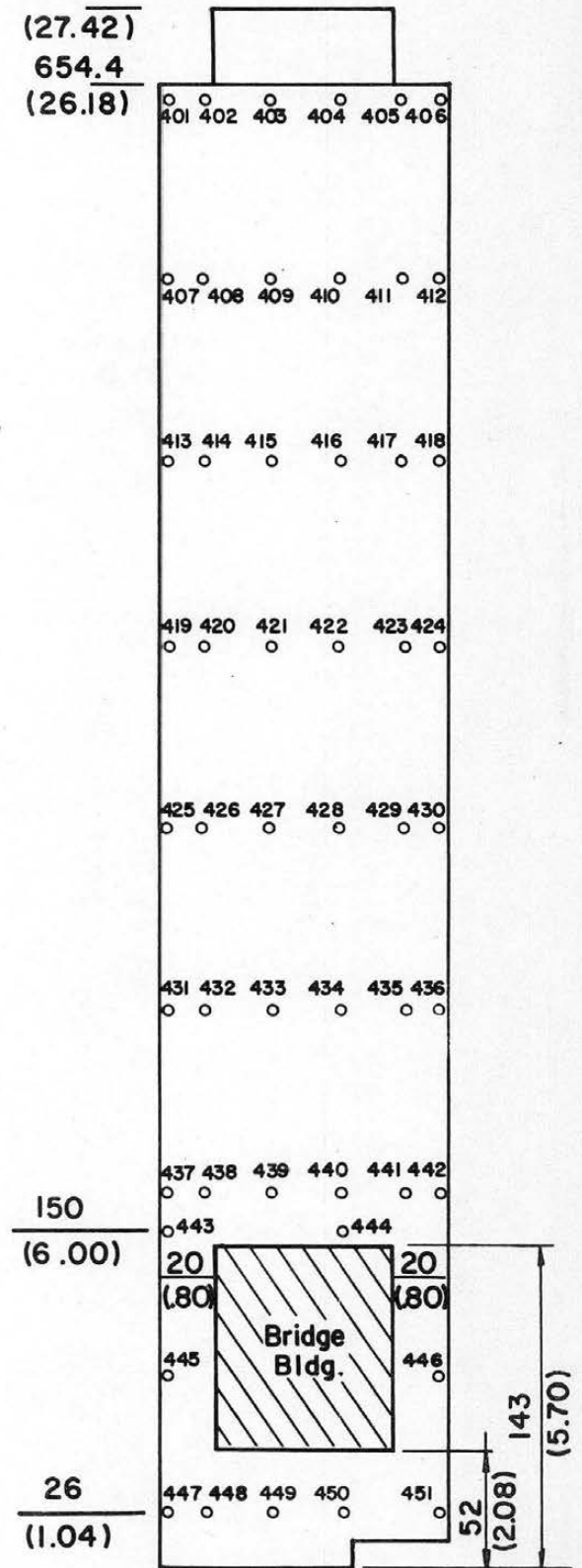


Figure 3b. Pressure Tap Locations.



Caroline St. Elev.

685.6
(27.42)
654.4
(26.18)



San Jacinto St. Elev

Figure 3c. Pressure Tap Locations.

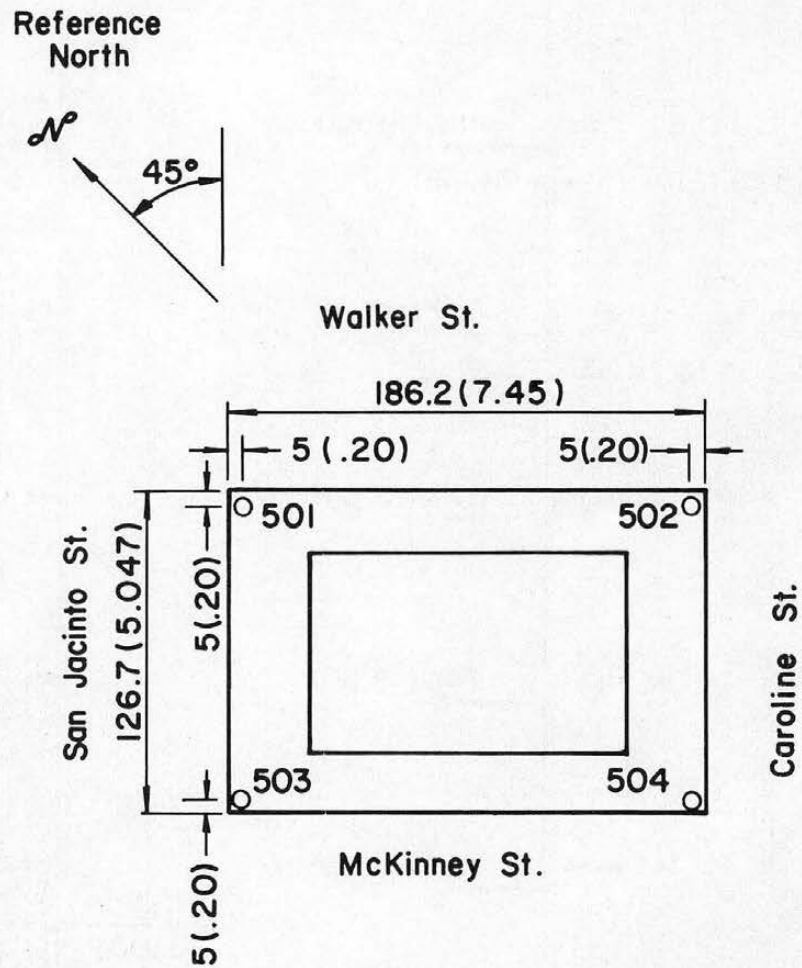
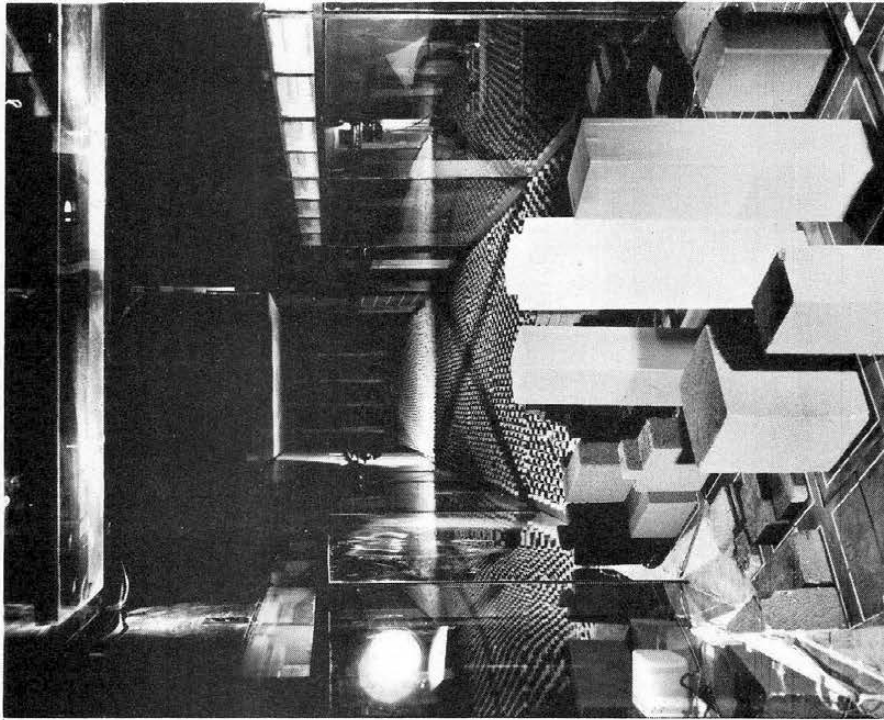
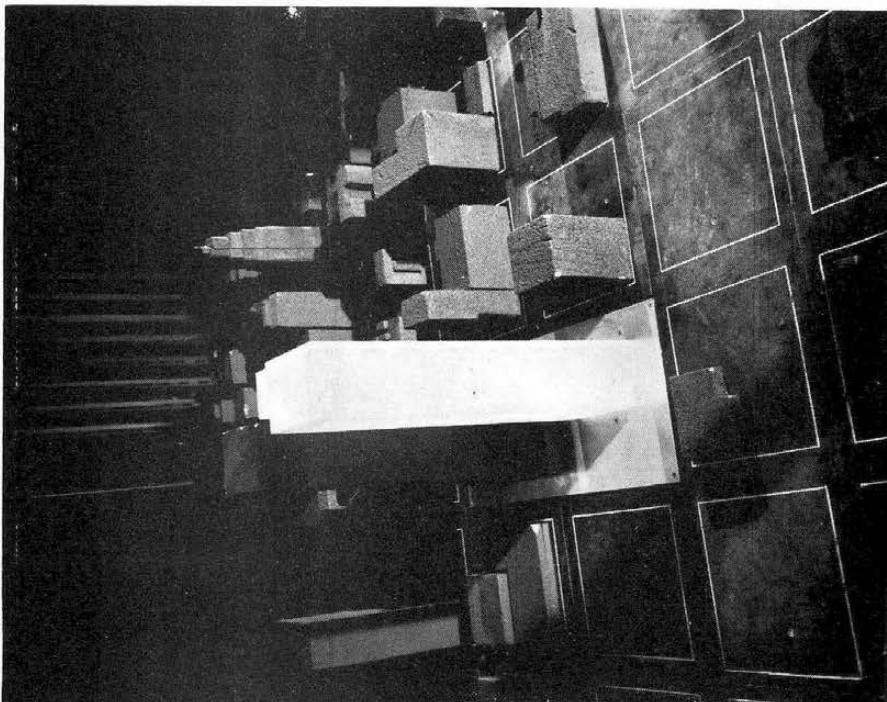


Figure 3d. Pressure Tap Locations.



Configuration 2



Configuration 1

Figure 4. Completed Model.

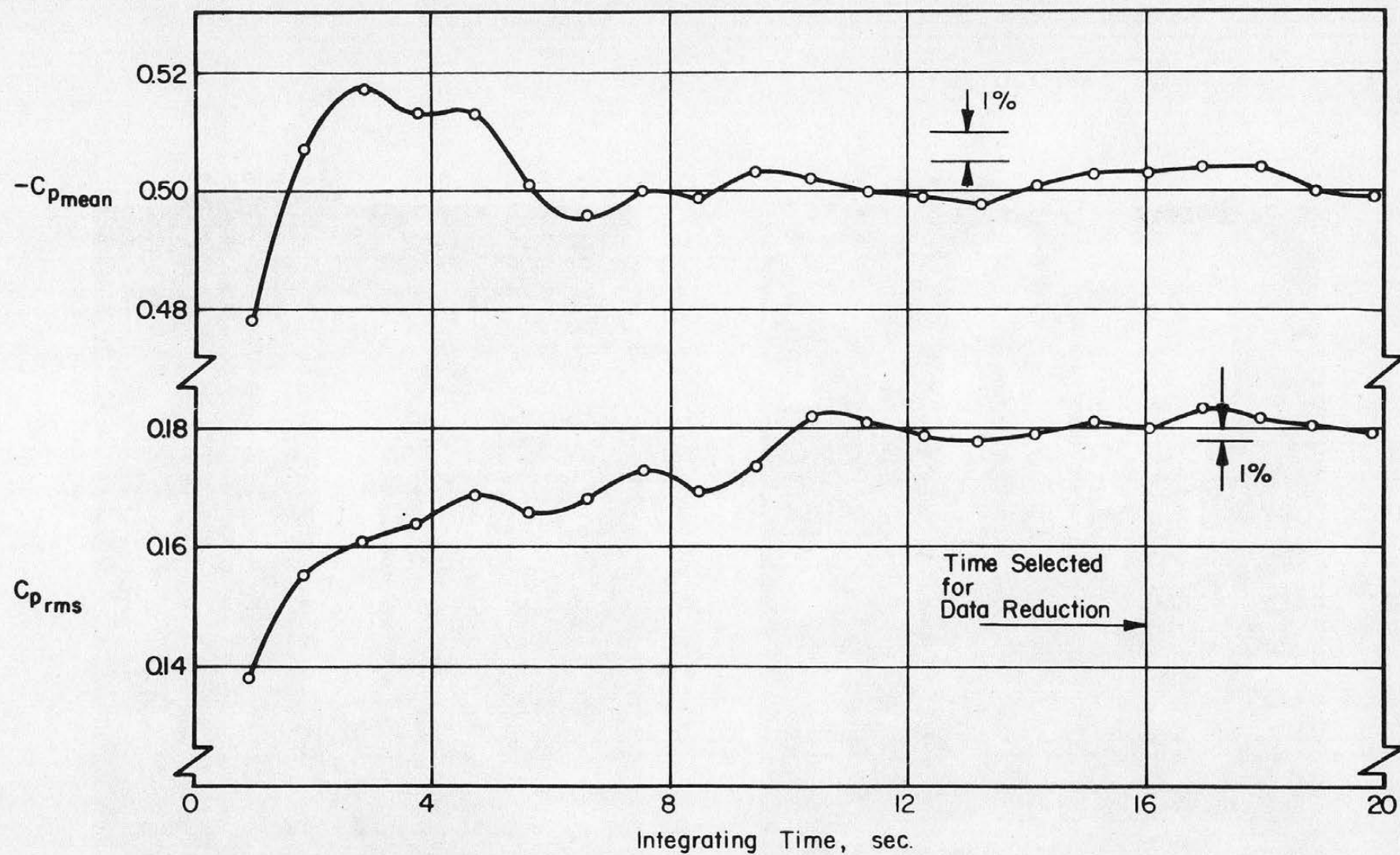


Figure 5. Data Sampling Time Verification.

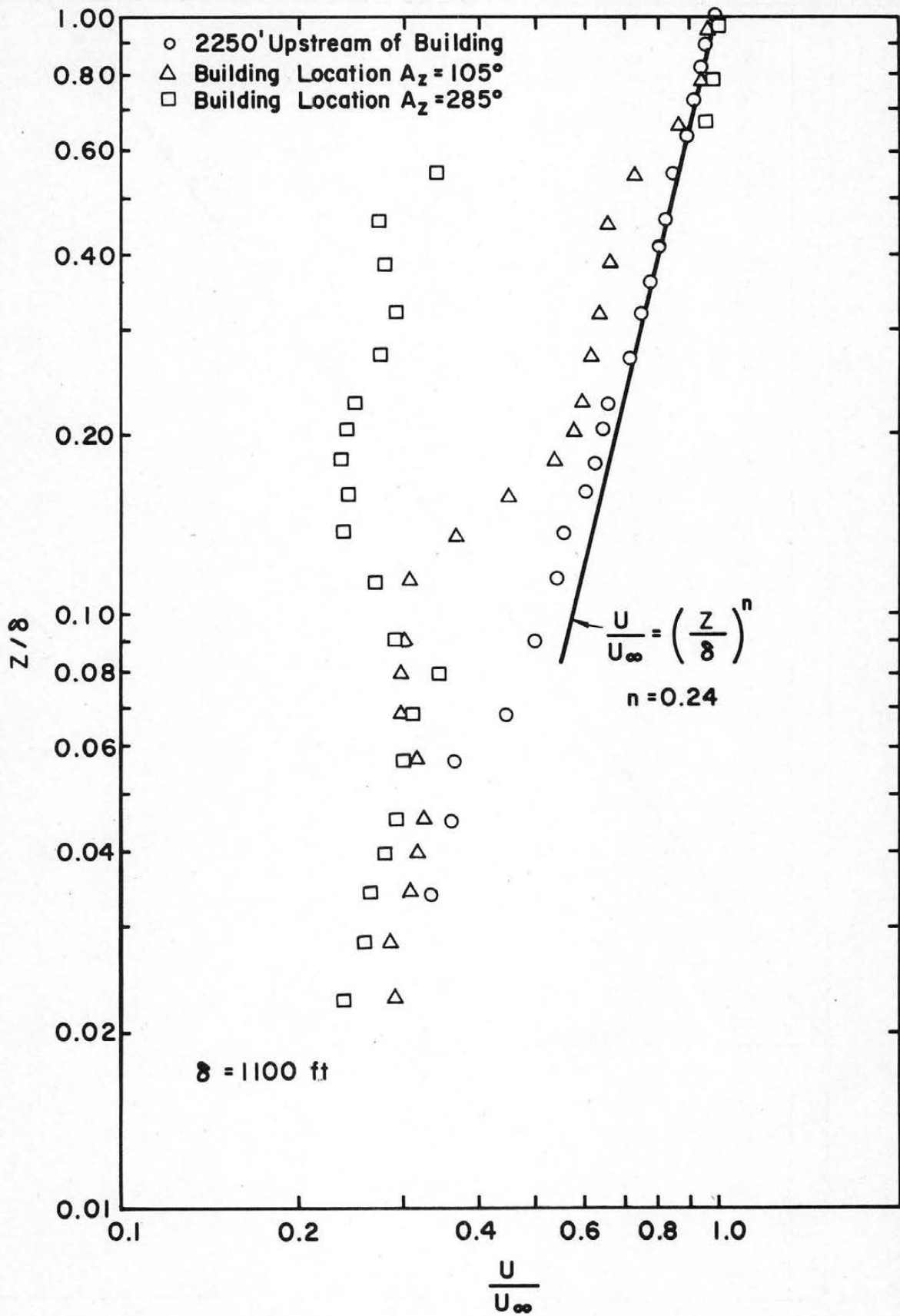


Figure 6a. Mean Velocity Profiles Approaching the Model.

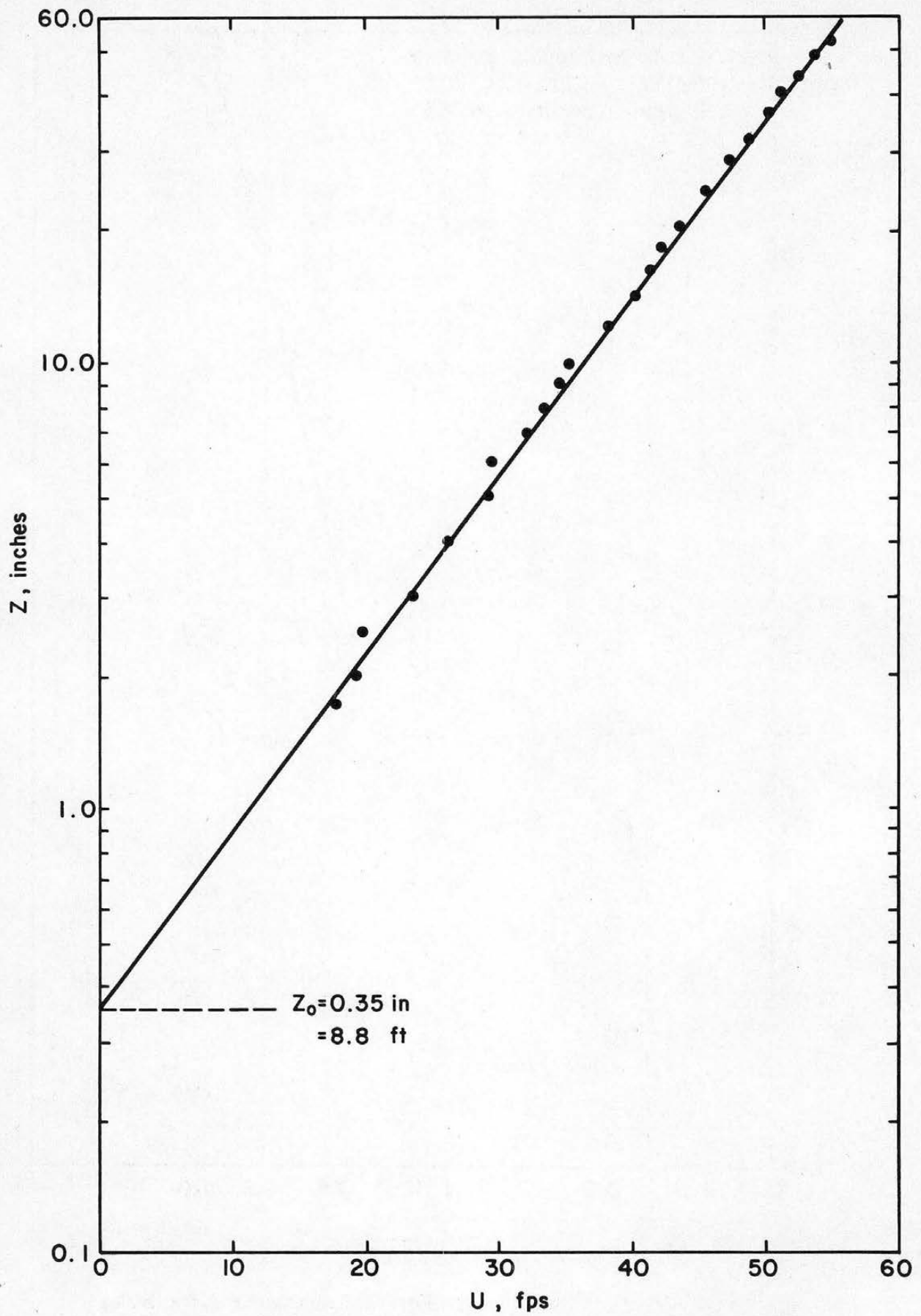


Figure 6b. Mean Velocity Profiles Approaching the Model.

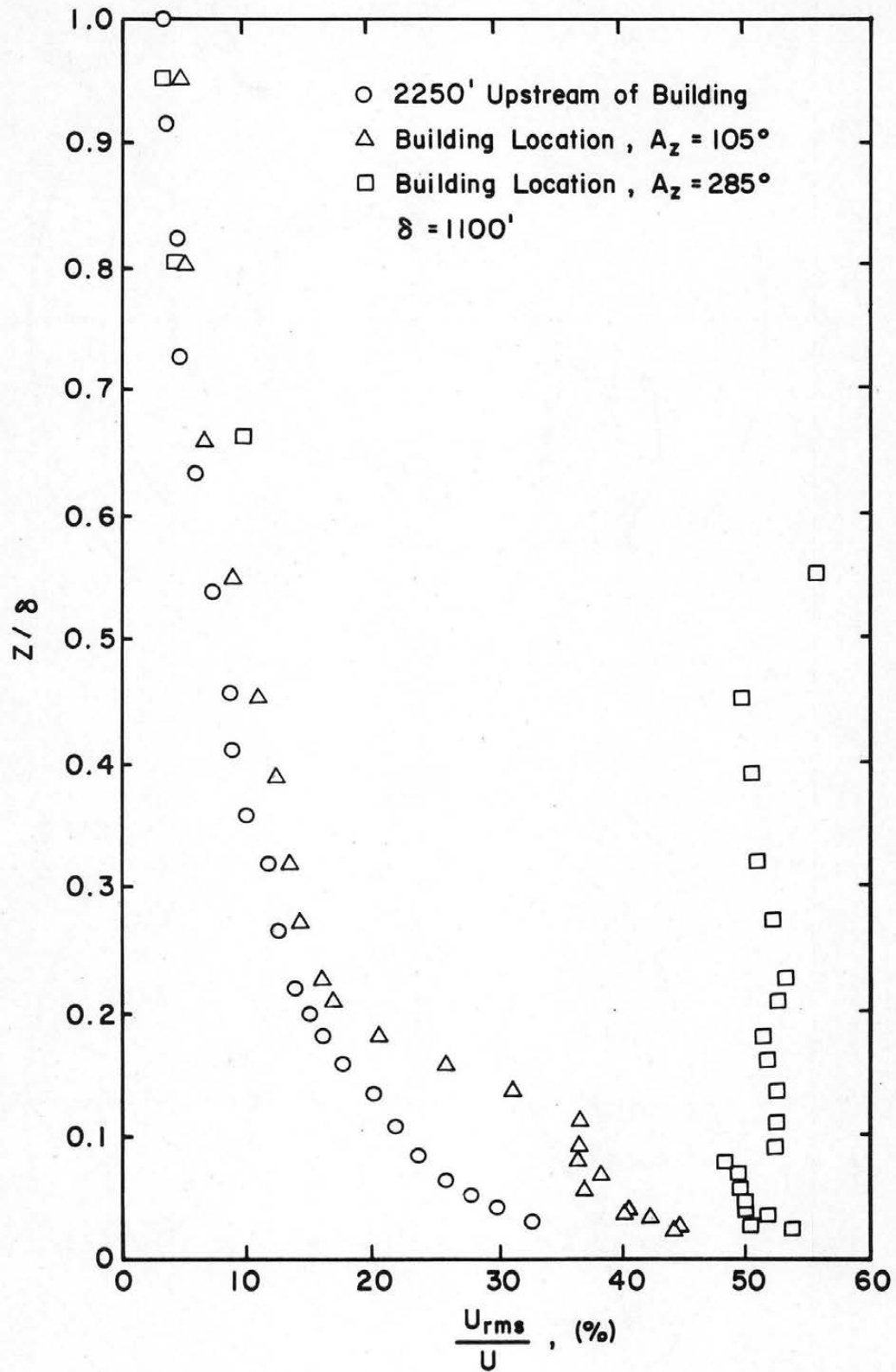


Figure 7. Turbulence Intensity Profiles.

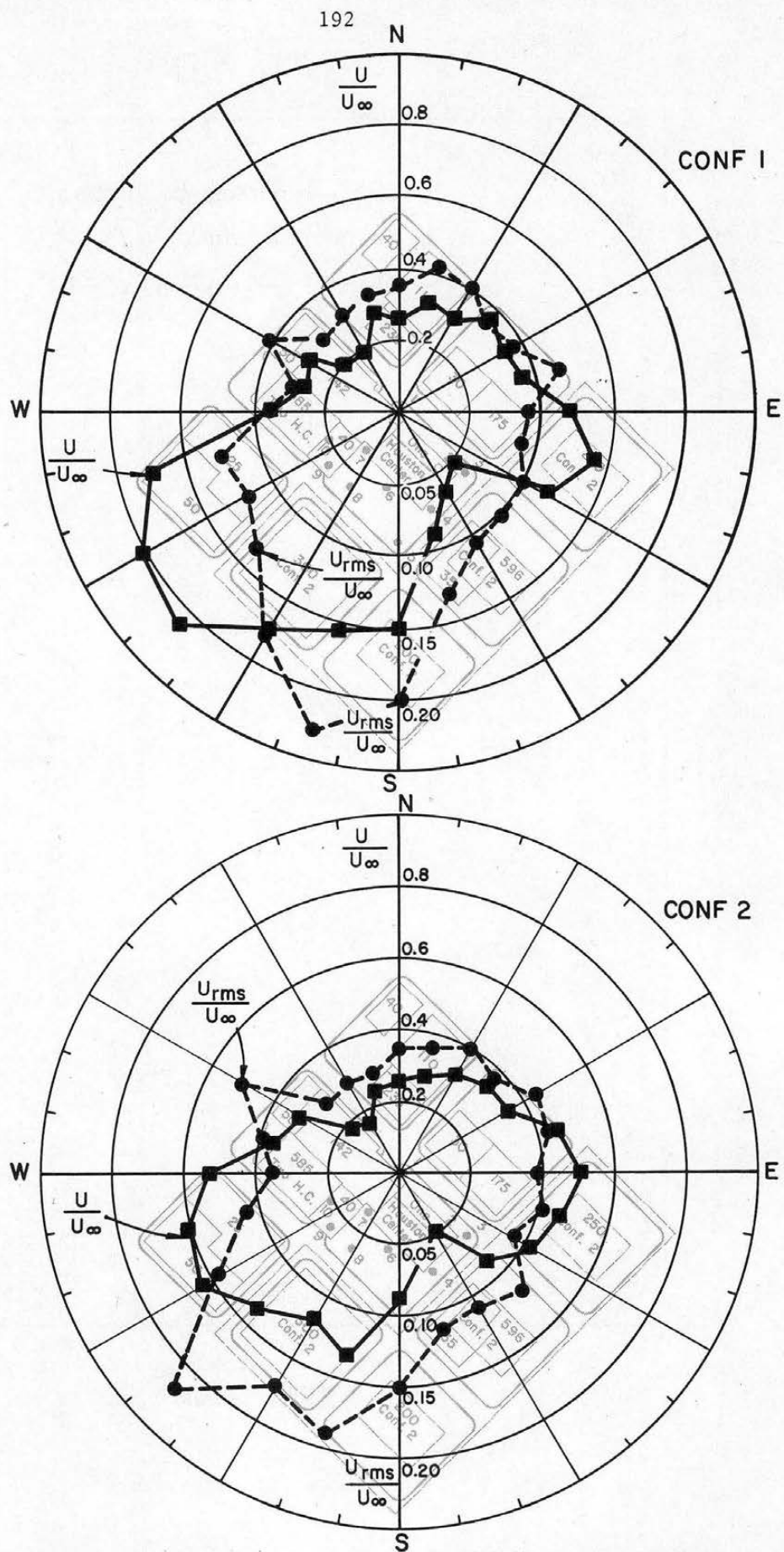


Figure 8. Mean Velocity and Turbulence Intensity at Site 1.

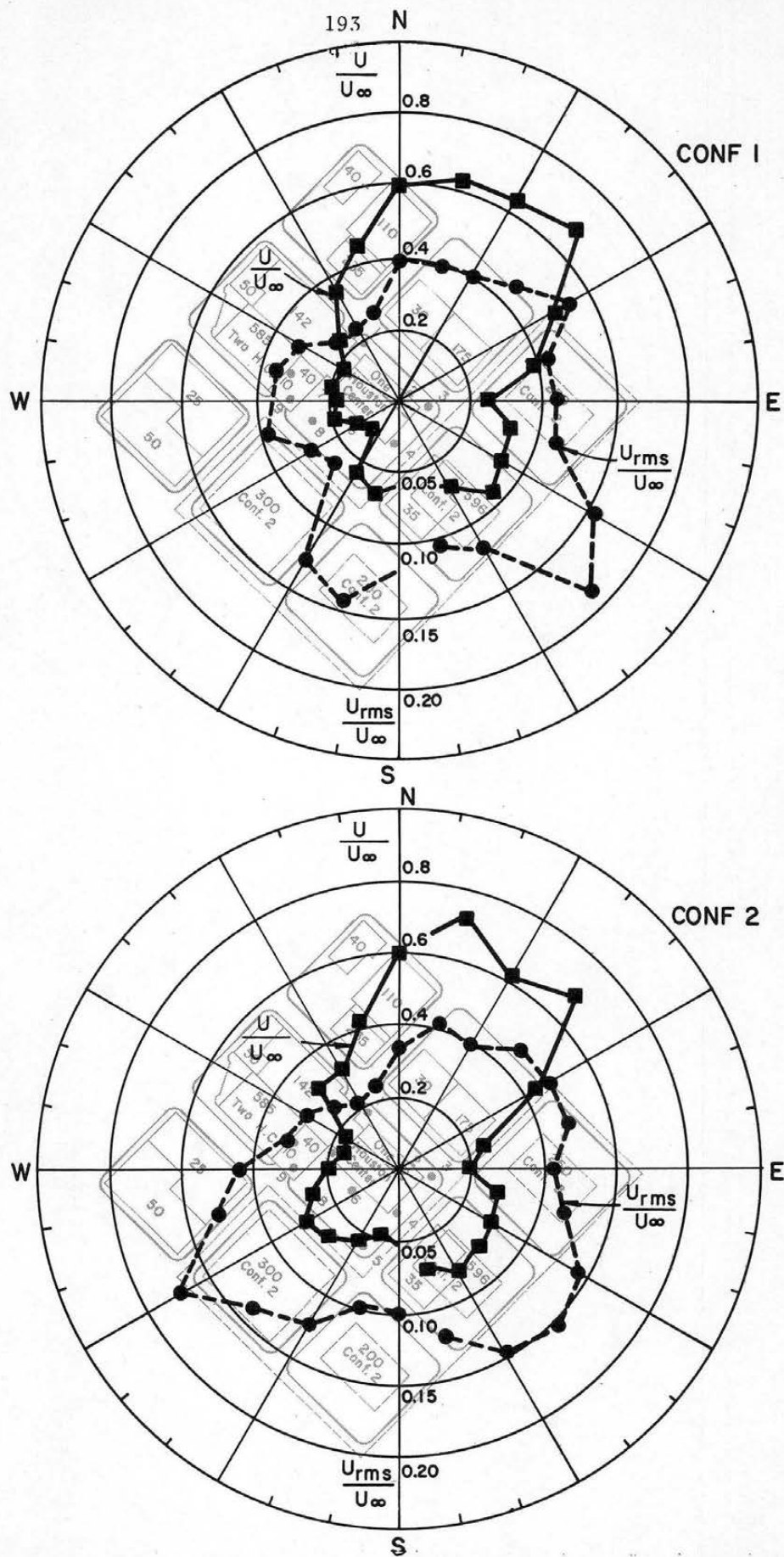


Figure 9. Mean Velocity and Turbulence Intensity at Site 2.

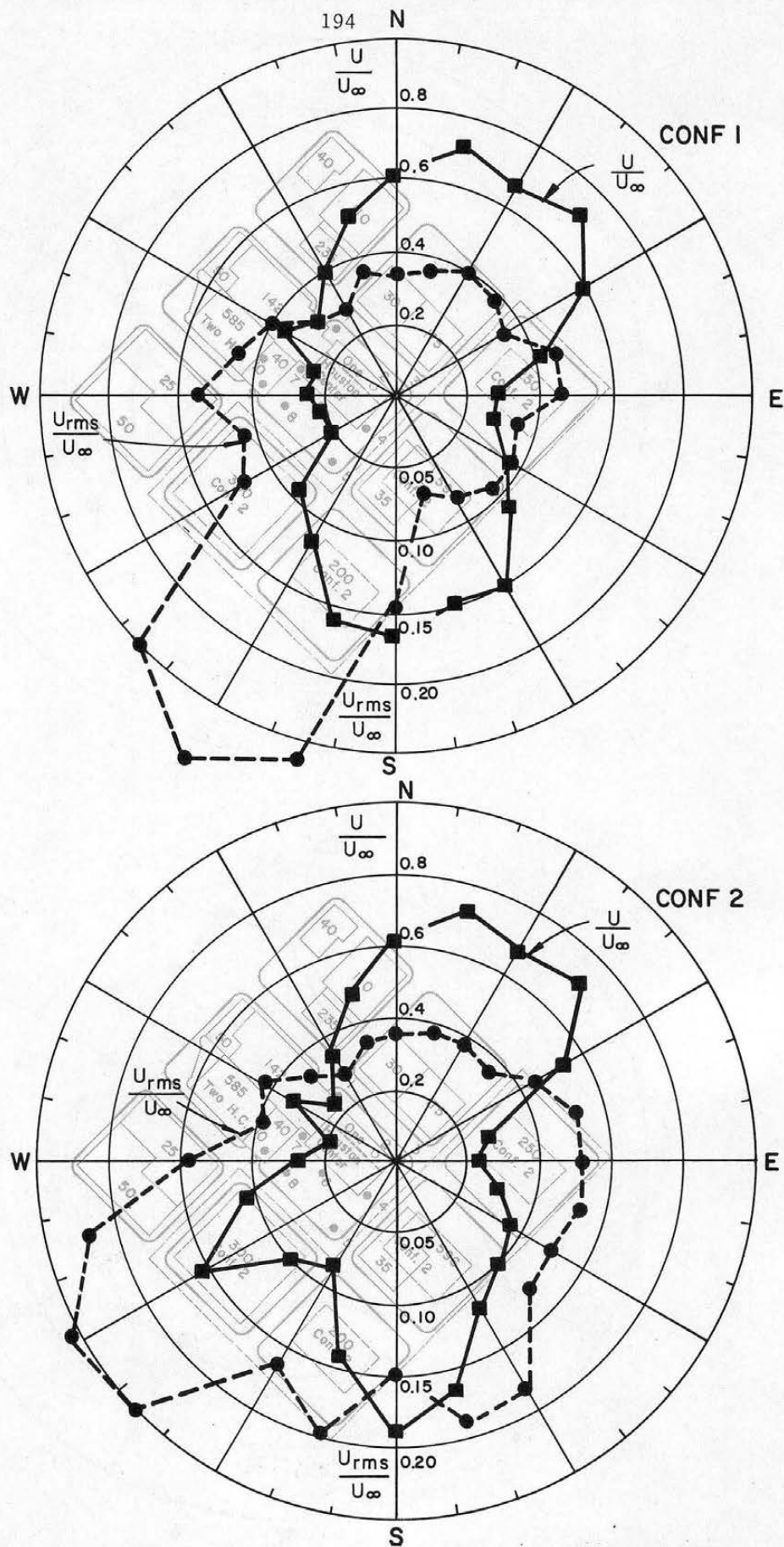


Figure 10. Mean Velocity and Turbulence Intensity at Site 3.

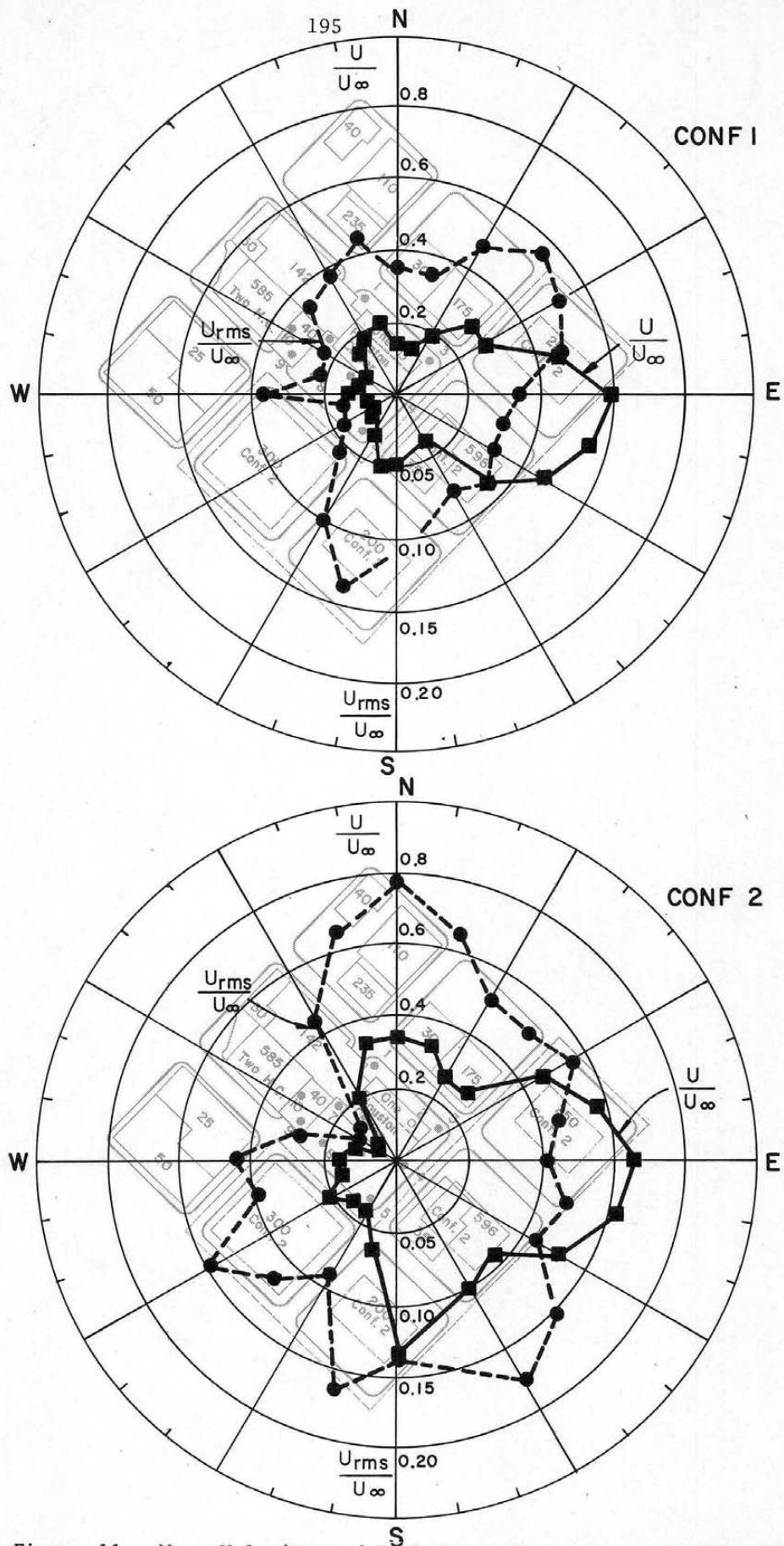


Figure 11. Mean Velocity and Turbulence Intensity at Site 4.

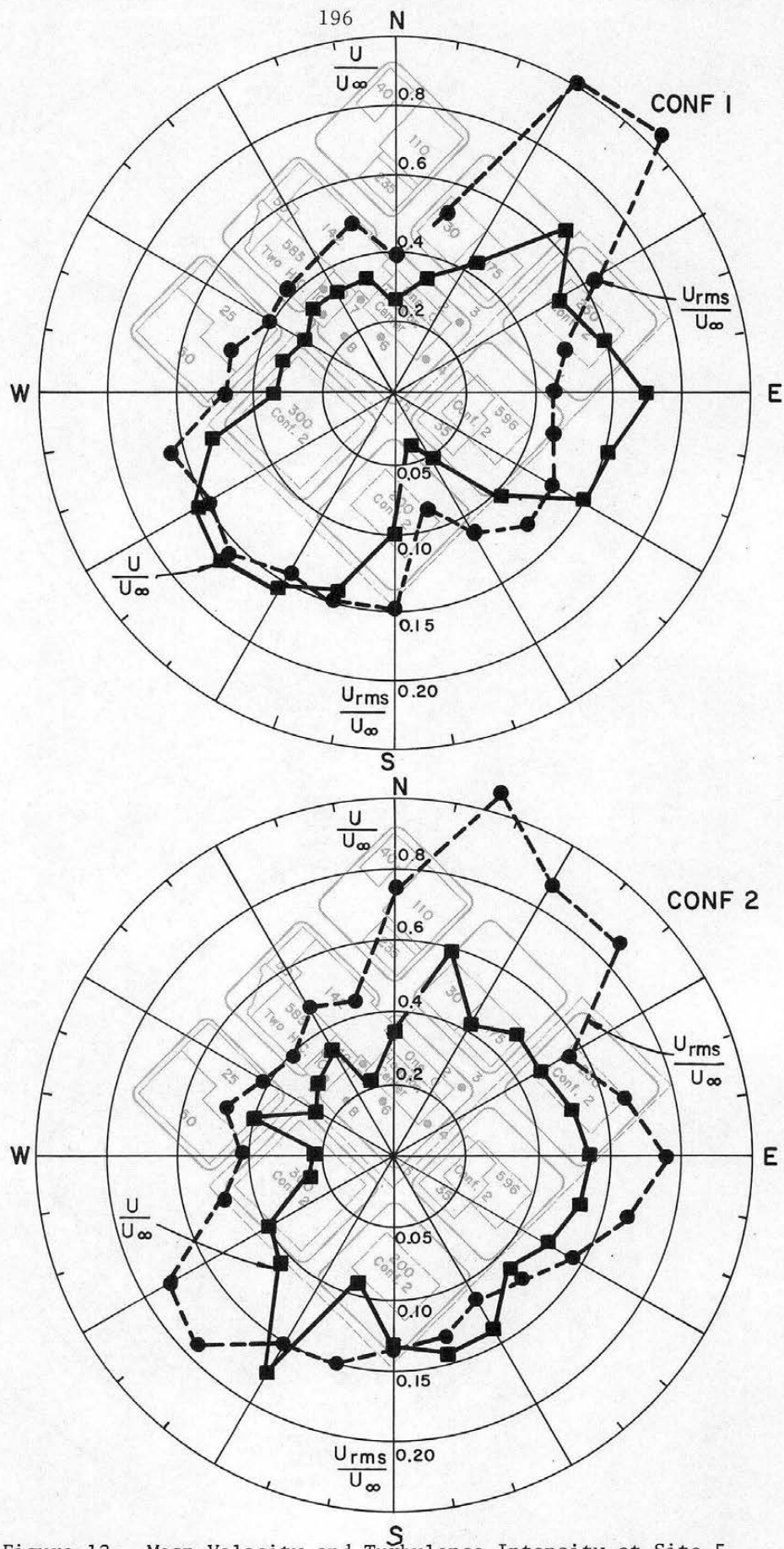


Figure 12. Mean Velocity and Turbulence Intensity at Site 5.

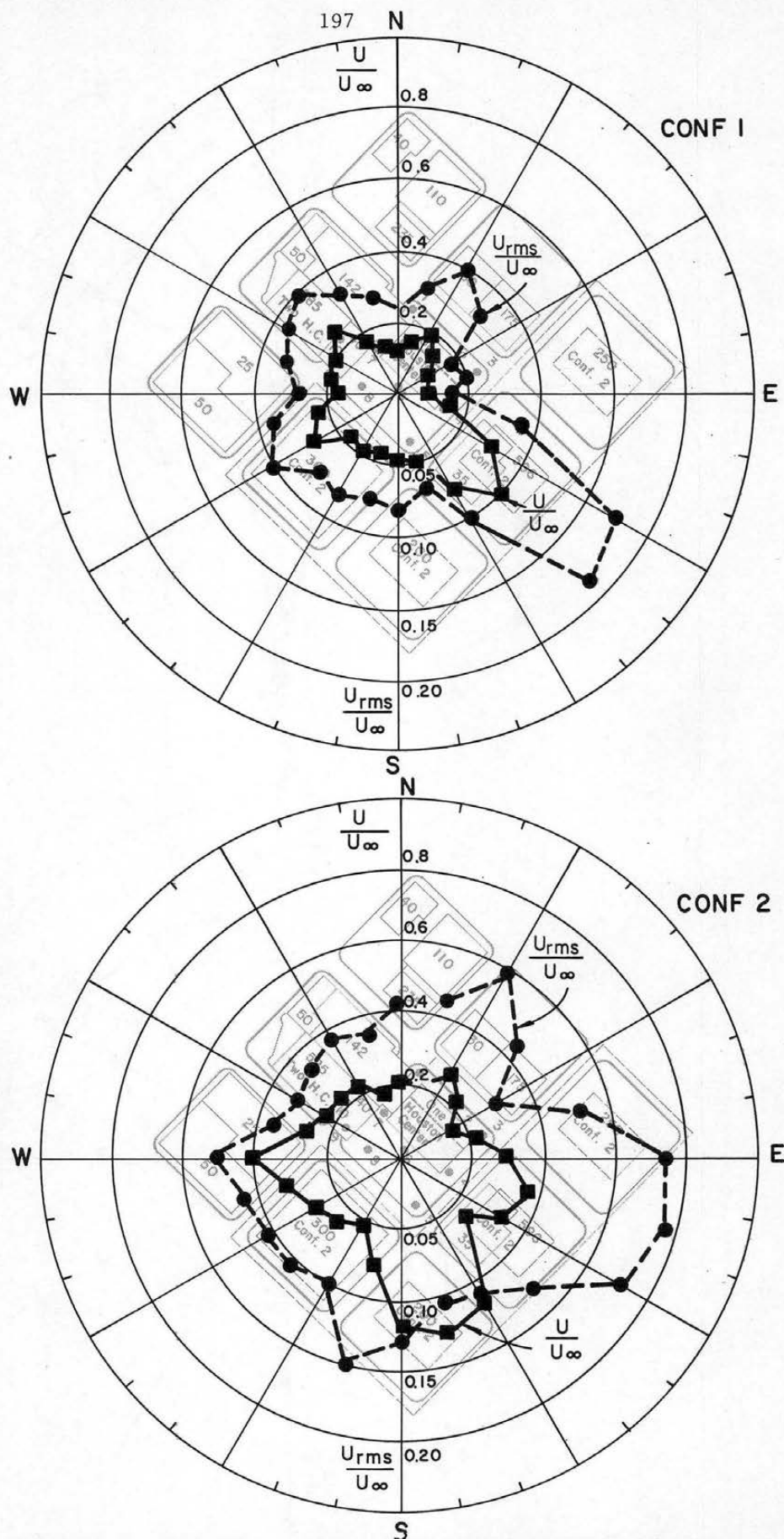


Figure 13. Mean Velocity and Turbulence Intensity at Site 6.

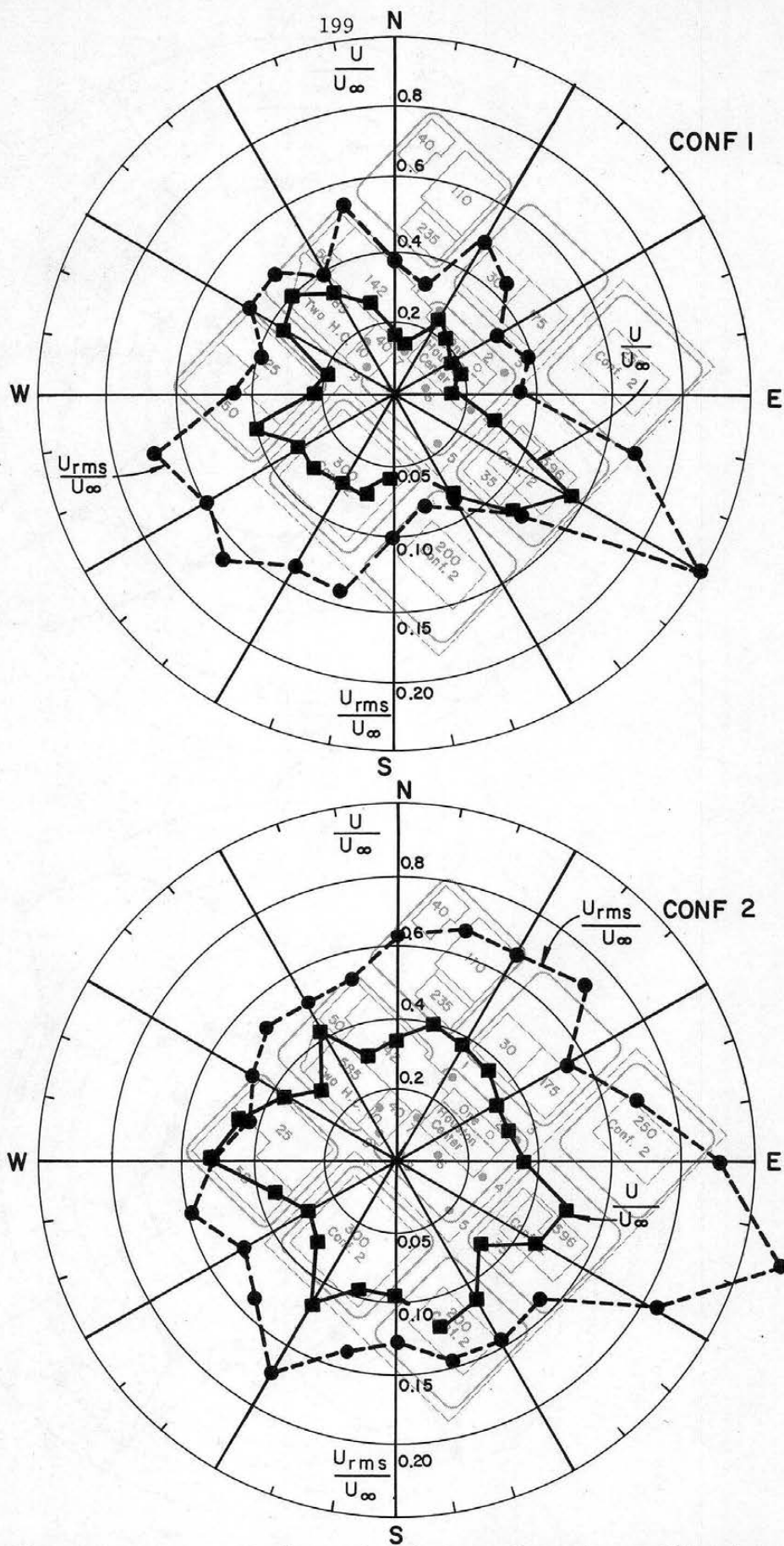


Figure 15. Mean Velocity and Turbulence Intensity at Site 8.

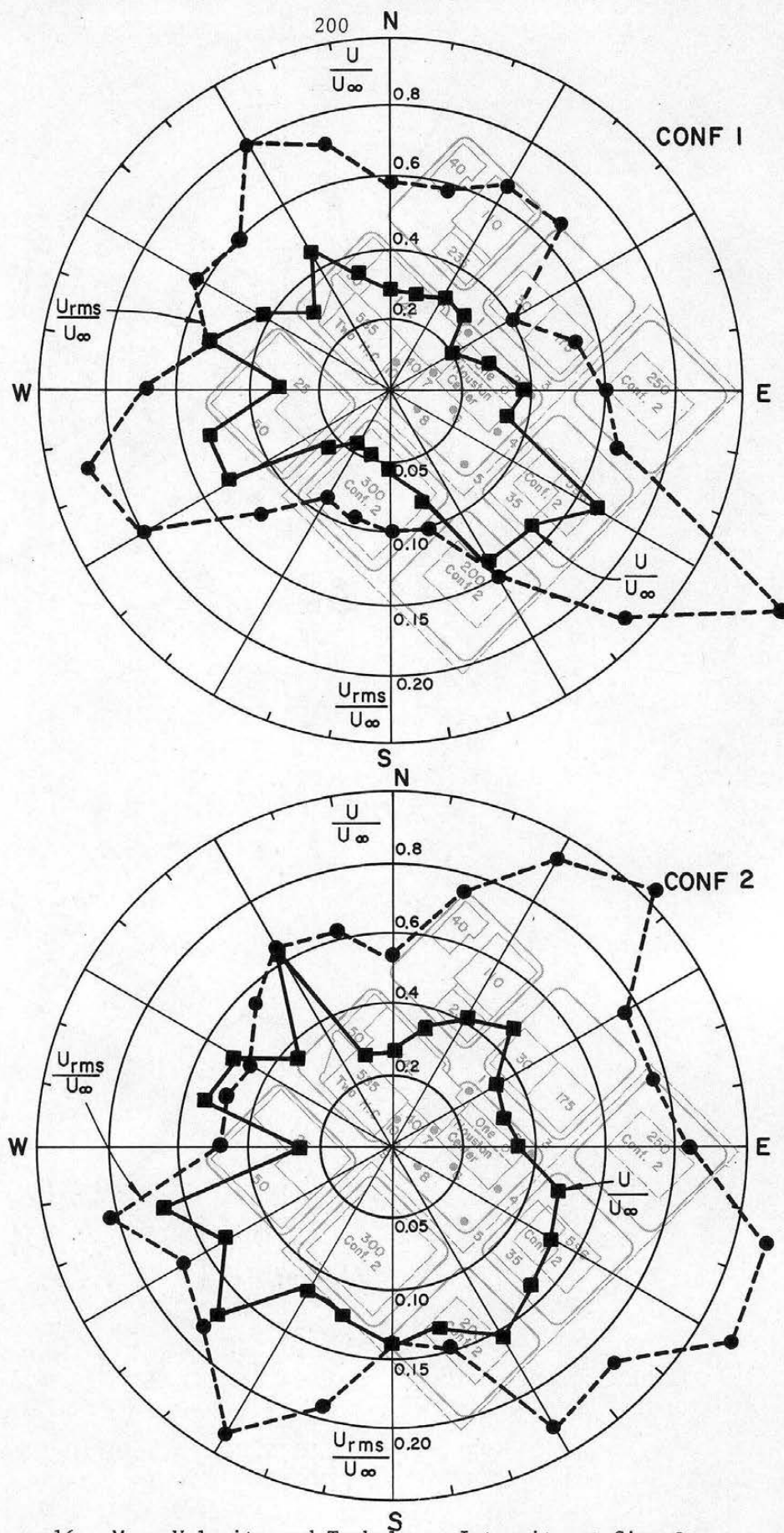


Figure 16. Mean Velocity and Turbulence Intensity at Site 9.

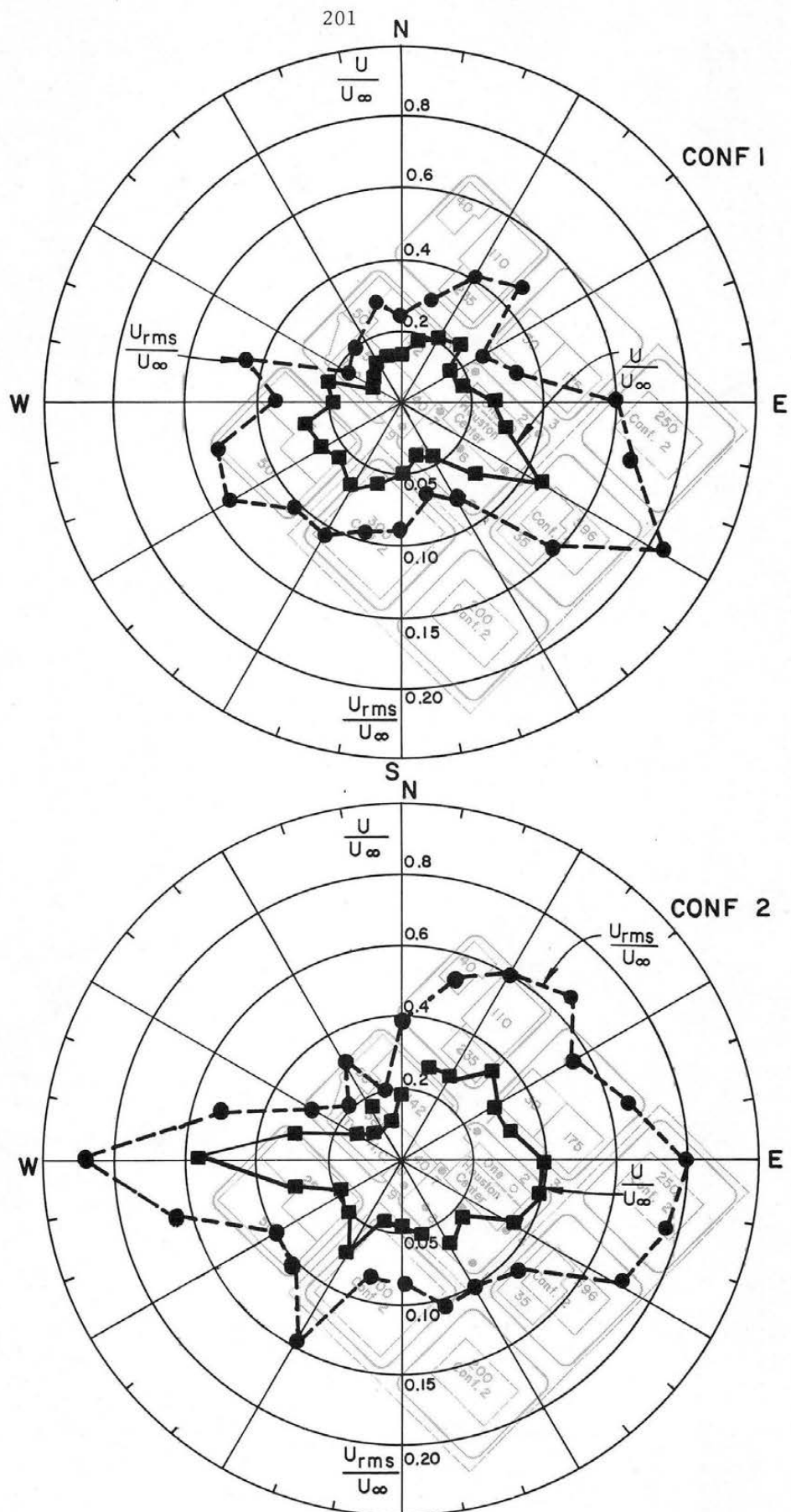


Figure 17. Mean Velocity and Turbulence Intensity at Site 10.

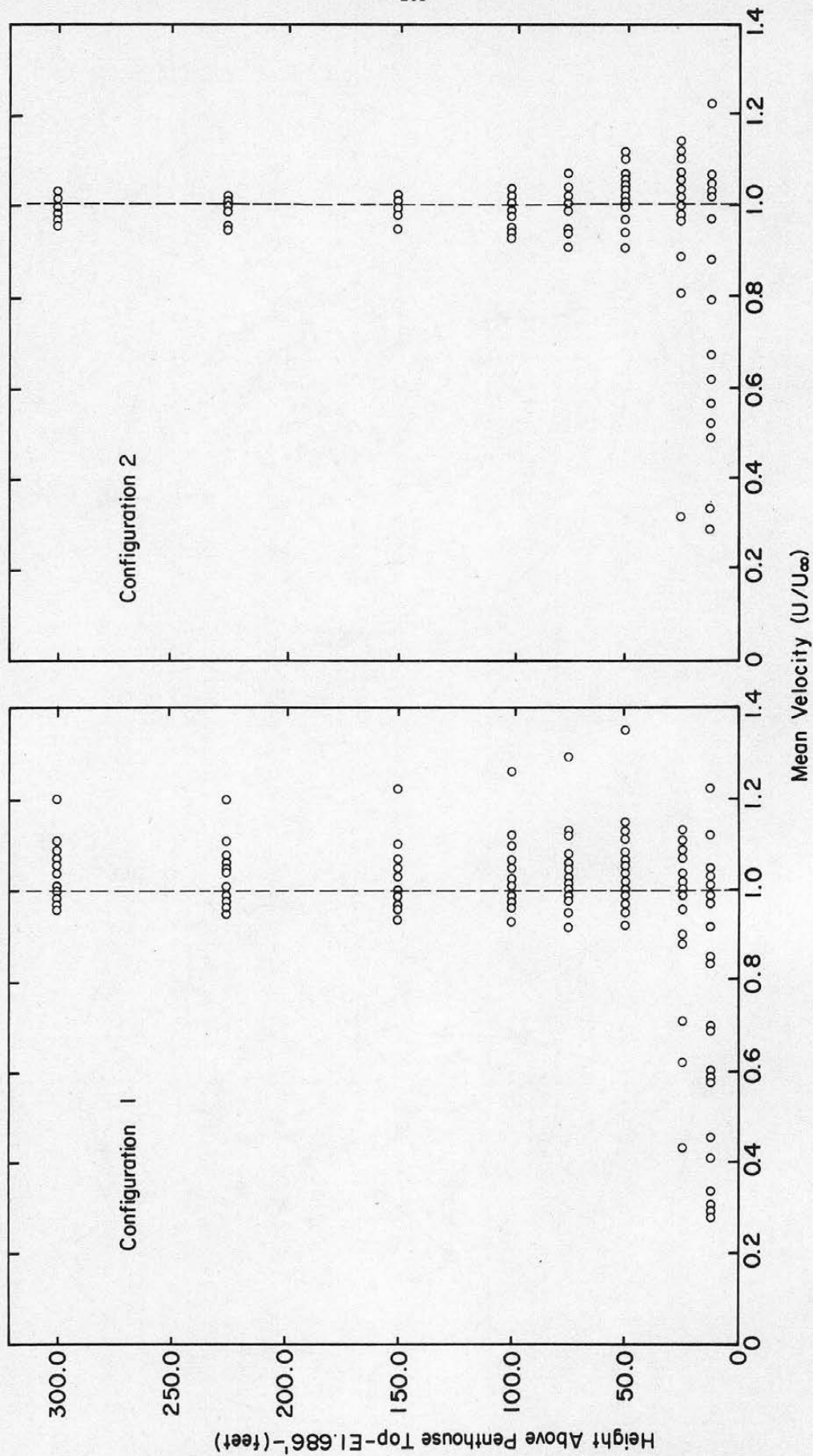


Figure 18a. Mean Velocity and Turbulence Intensity Profiles Above the Building Top.

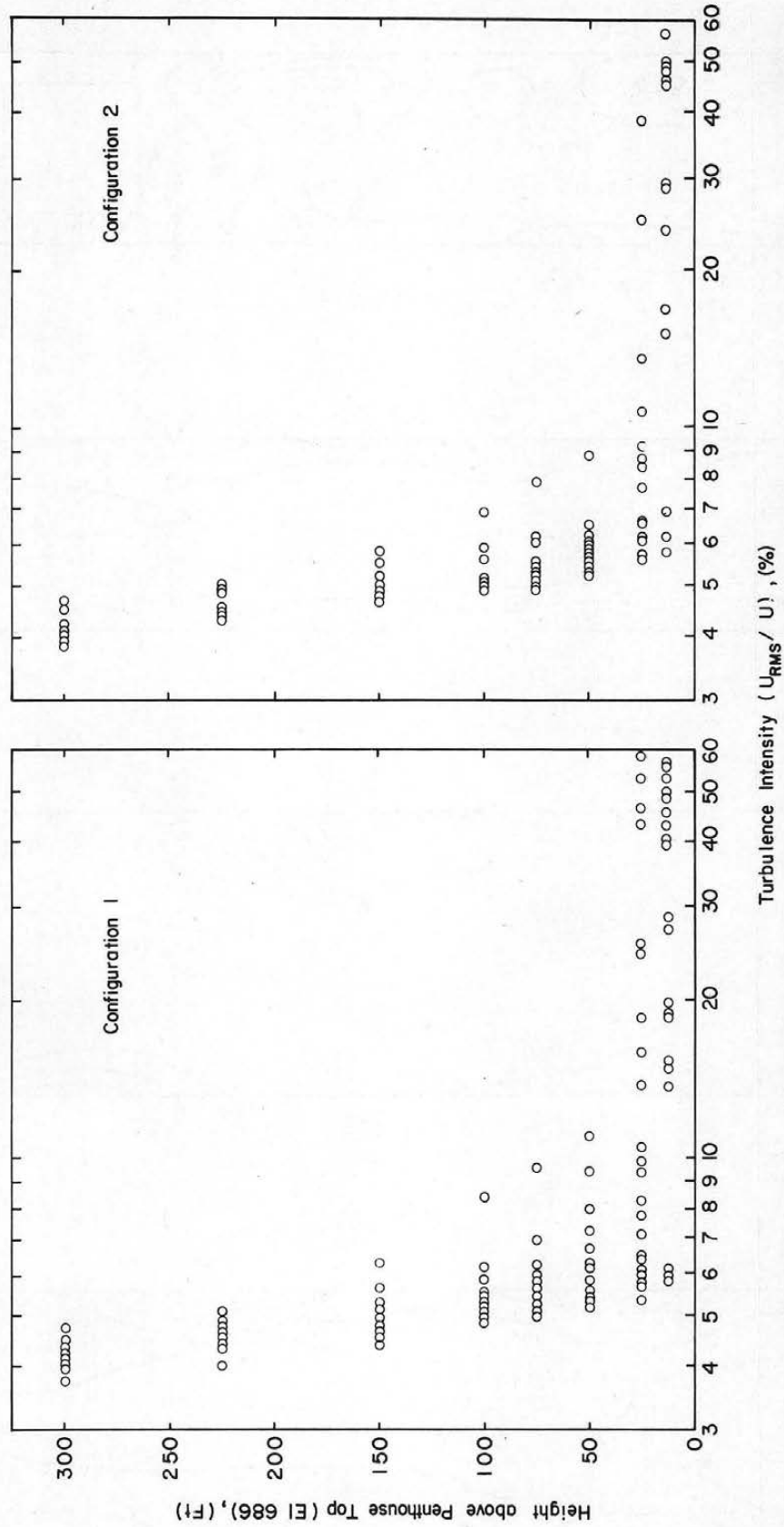
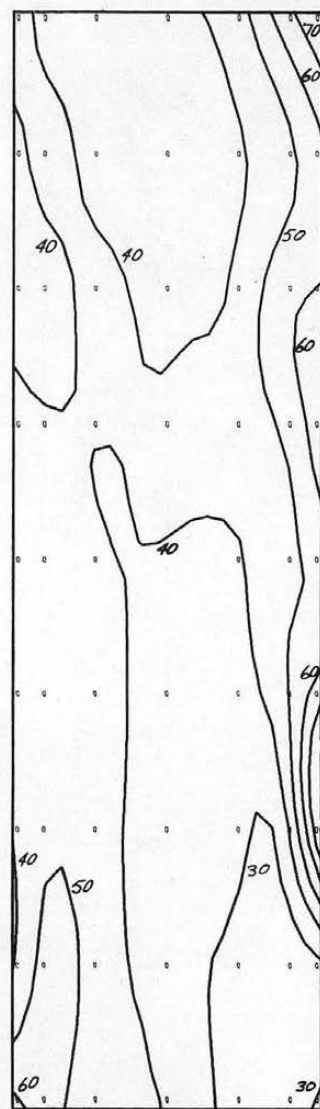
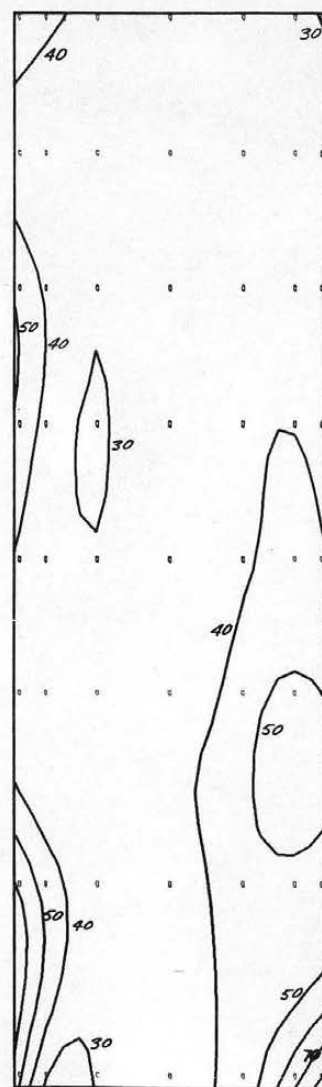


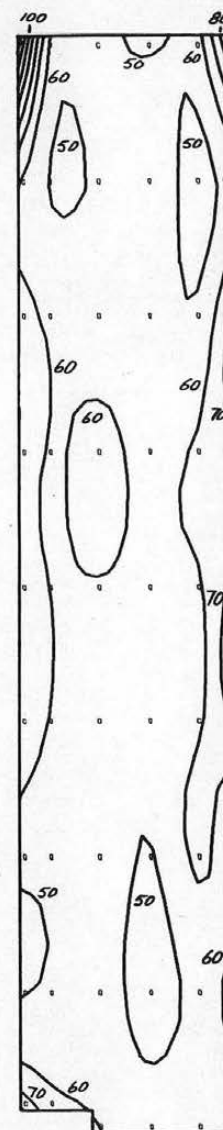
Figure 18b. Mean Velocity and Turbulence Intensity Profiles Above the Building Top.



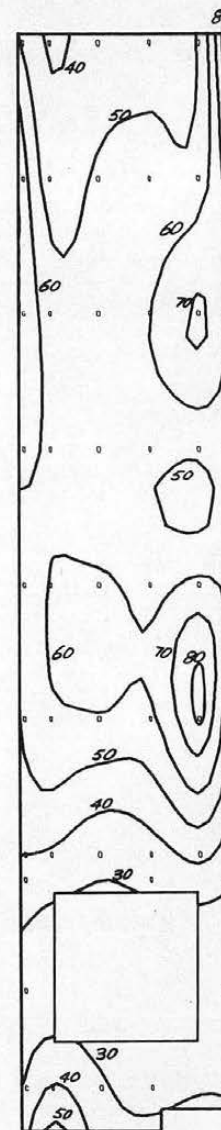
Side 1



Side 2



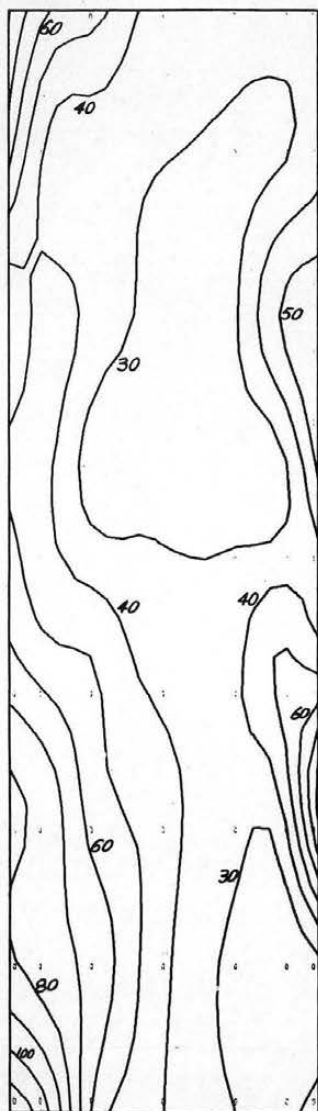
Side 3



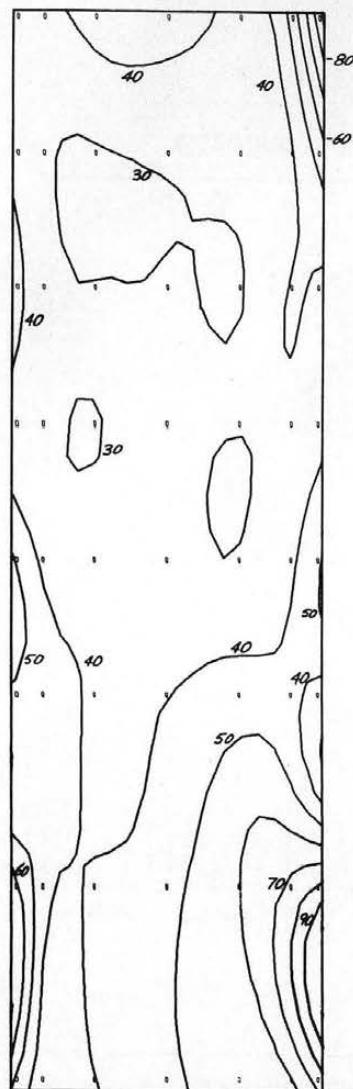
Side 4

Configuration 1

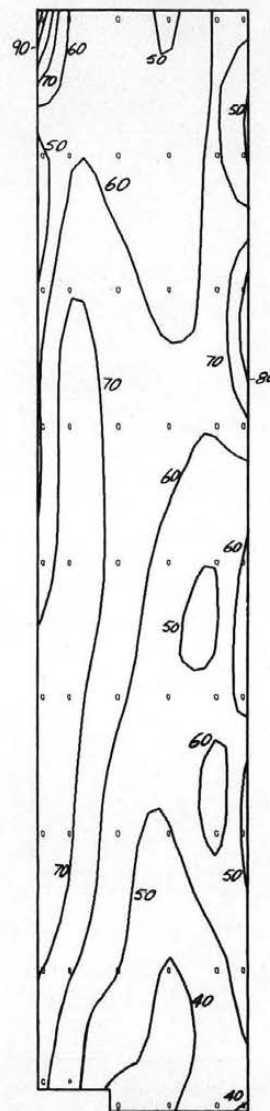
Figure 19a. Peak-Pressure Contours on the Building.



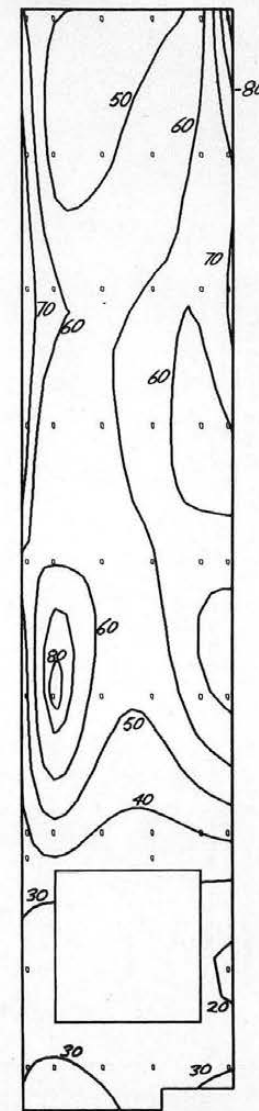
Side 1



Side 2



Side 3



Side 4

Configuration 2

Figure 19b. Peak-Pressure Contours on the Building.

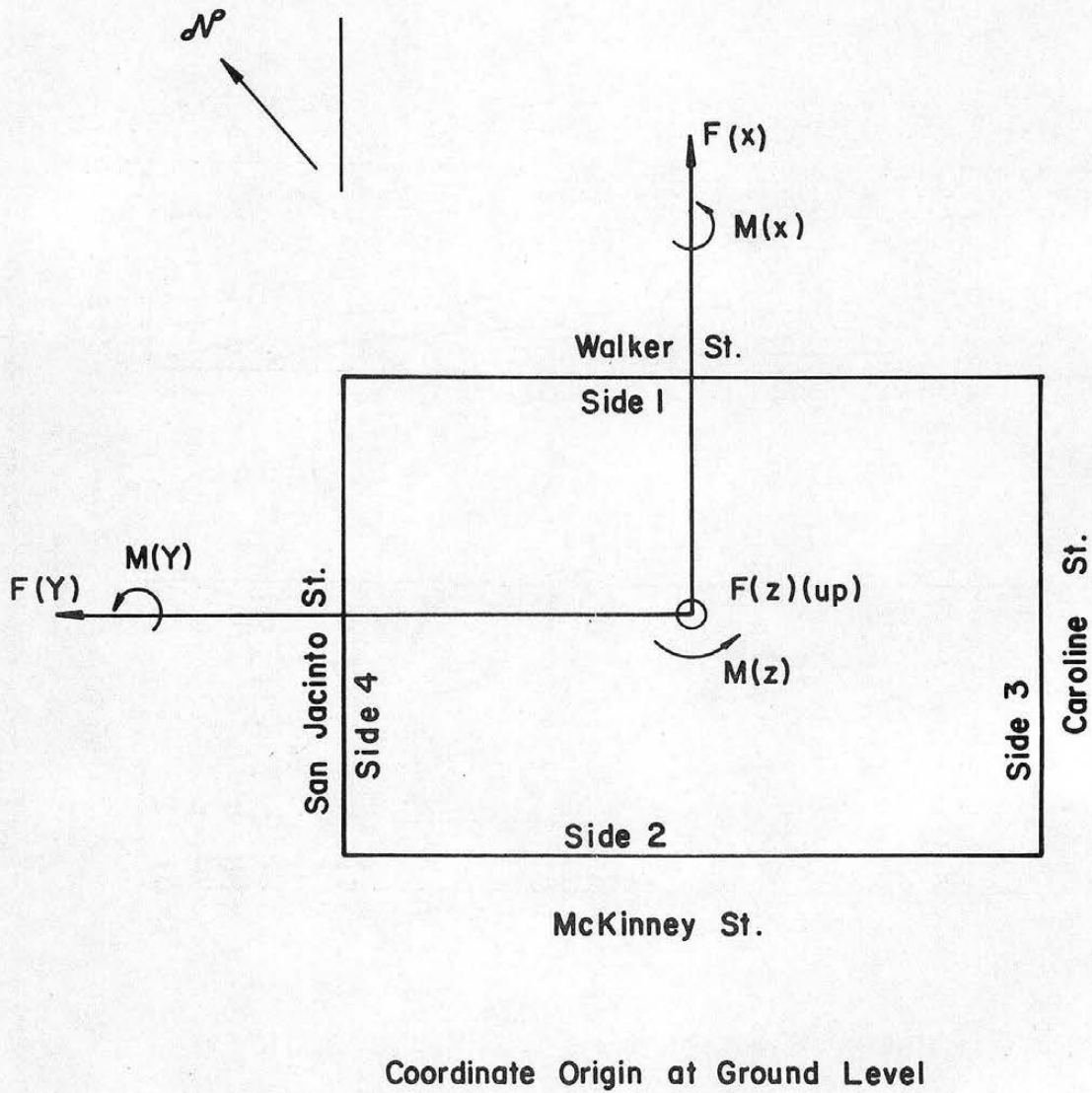


Figure 20. Coordinate Systems for Forces and Moments.

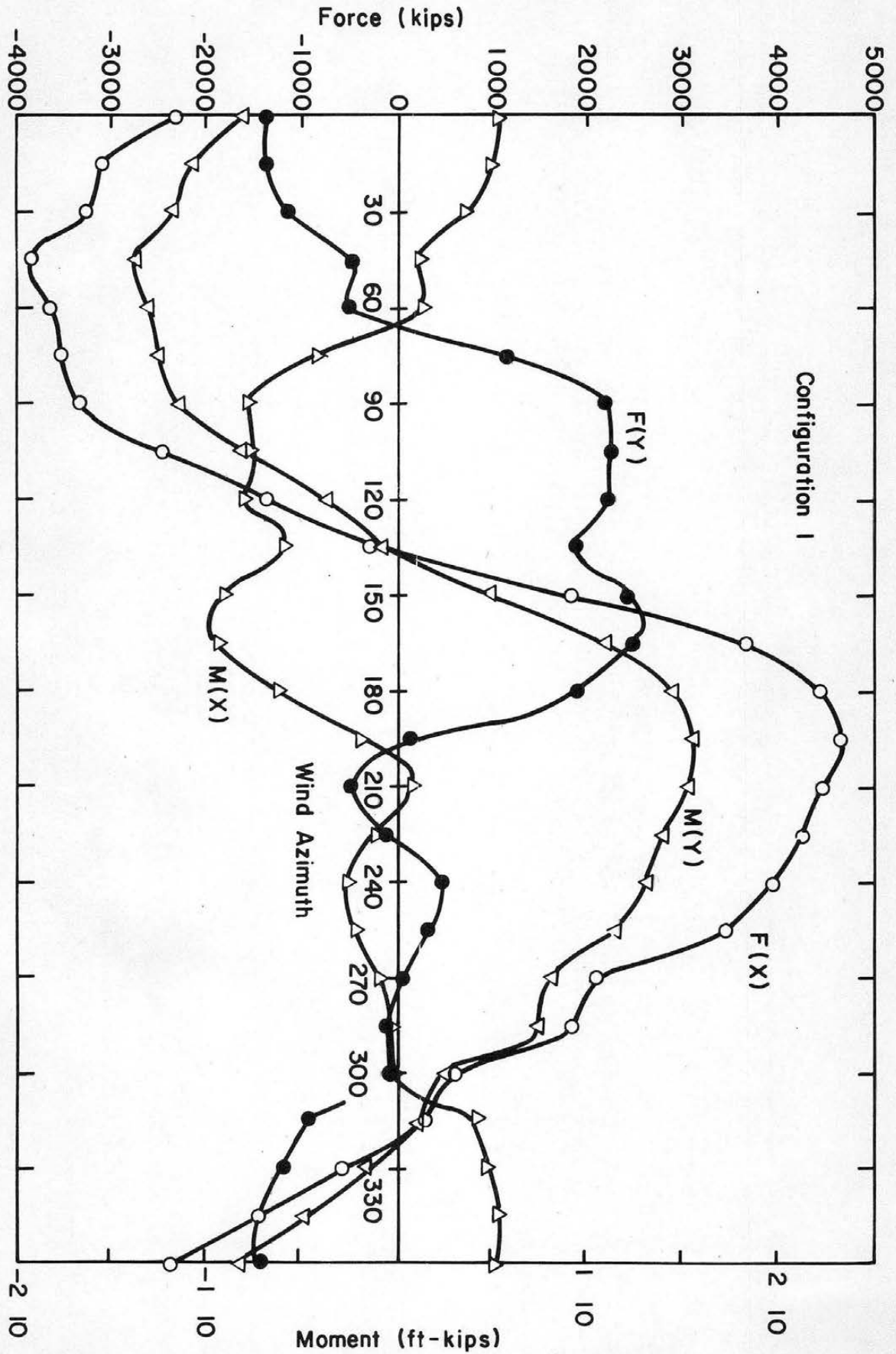


Figure 21. Forces and Moments on the Structure.