

WIND ENGINEERING STUDY OF
STATE OFFICE BUILDING
CLEVELAND, OHIO

by

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

for

Toguchi Madison Ireland Associated Architects
1200 Shaker Boulevard
Cleveland, Ohio 44120

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

March 1978

*Associate Professor

**Professor-in-Charge

Fluid Mechanics and Wind Engineering Program

CER77-78JAP-JEC36

FOLIO
TAT
CG
CER. 77/78-36

ACKNOWLEDGMENTS

9c

Support for this investigation was provided by Toguchi Madison Ireland Architects, 12000 Shaker Blvd., Cleveland, Ohio 44120.

Construction of the building model was accomplished by personnel of the Engineering Research Center Machine Shop. Mr. C. Caron supervised construction of the surrounding city model and Mr. J. Garrison made the motion pictures of flow visualization. Mr. M. Petago supervised data acquisition and reduction. Assistance in preparation of this report was provided by Mr. J. A. Peterka.

LIBRARIES
COLORADO STATE UNIVERSITY
Fort Collins, Colorado 80523

TABLE OF CONTENTS

<u>Chapter</u>		<u>Page</u>
	ACKNOWLEDGMENTS	ii
	LIST OF TABLES.	iv
	LIST OF FIGURES	v
	LIST OF SYMBOLS	vii
1	INTRODUCTION.	1
	1.1 General.	1
	1.2 The State Office Building--Cleveland, Ohio	2
2	EXPERIMENTAL CONFIGURATION.	3
	2.1 Wind Tunnel.	3
	2.2 Model.	4
3	INSTRUMENTATION AND DATA ACQUISITION.	6
	3.1 Flow Visualization	6
	3.2 Pressures.	7
	3.3 Velocity	9
4	RESULTS	11
	4.1 Flow Visualization	11
	4.2 Velocity	11
	4.3 Pressures.	16
5	CONCLUSIONS	21
	REFERENCES.	24
	TABLES.	25
	APPENDIX A.	60
	APPENDIX B.	109
	FIGURES	126

LIST OF TABLES

<u>Table</u>		Page
1	Motion Picture Scene Guide	1
2	Pedestrian Wind Velocities and Turbulence Intensities around the Base of the Building	27
3	Burke Lakefront Airport (Cleveland, Ohio) Wind Data	33
4	Annual Expected Velocities--Cleveland, Ohio	34
5	Summary of Wind Effects on People	40
6	Largest and Smallest Pressure Coefficients for each Pressure Tap--State Office Building	41
7	Maximum Pressure Coefficients and Loads in PSF--State Office Building	48
8	Largest and Smallest Pressure Coefficients for each Pressure Tap--Post Office Building	55
9	Maximum Pressure Coefficients and Loads in PSF--Post Office Building	57
10	Difference in Loads on Post Office Building caused by State Office Building	59

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	State Office Building Location and Pedestrian Wind Velocity Measuring Positions	127
2	Industrial Aerodynamics Wind Tunnel	128
3	Pressure Tap Locations--(six drawings showing taps on developed sides of building, roof taps, and plaza level ceiling taps)	129
4	Completed Model in Wind Tunnel	136
5	Data Sampling Time Verification	137
6	Mean Velocity and Turbulence Profiles approaching the Model	138
7	Mean Velocity and Turbulence Intensity at Positions 1, 2 and 3	139
8	Mean Velocity and Turbulence Intensity at Positions 4, 5 and 6	140
9	Mean Velocity and Turbulence Intensity at Positions 7, 8 and 9	141
10	Mean Velocity and Turbulence Intensity at Positions 10, 11 and 12	142
11	Mean Velocity and Turbulence Intensity at Positions 13, 14 and 15	143
12	Mean Velocity and Turbulence Intensity at Positions 16, 17 and 18	144
13	Mean Velocity and Turbulence Intensity at Positions 19, 20 and 21	145
14	Mean Velocity and Turbulence Intensity at Positions 22 and 23	146
15	Wind Velocity Probabilities for Positions 1, 2 and 3	147
16	Wind Velocity Probabilities for Positions 4, 5 and 6	148
17	Wind Velocity Probabilities for Positions 7, 8 and 9	149

<u>Figure</u>		<u>Page</u>
18	Wind Velocity Probabilities for Positions 10, 11 and 12	150
19	Wind Velocity Probabilities for Positions 13, 14 and 15	151
20	Wind Velocity Probabilities for Positions 16, 17 and 18	152
21	Wind Velocity Probabilities for Positions 19, 20 and 21	153
22	Wind Velocity Probabilities for Positions 22 and 23	154
23	Peak Pressure Contours on the Building	155
24	Peak Pressures on Side 2, State Office Building	156
25	Peak Pressures on Side 3, State Office Building	157
26	Peak Pressure Contours on Side 4, State Office Building	158
27	Peak Pressures on Side 5, State Office Building	159
28	Peak Pressures on Side 6, State Office Building	160
29	Peak Pressures on Side 7, State Office Building	161
30	Peak Pressures on Side 8, State Office Building	162

LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν	Kinematic viscosity of approach flow
$\frac{UD}{\nu}$	Reynolds number
E	Mean voltage
A	Constant
B	Constant
n	Constant
rms	Root-mean-square
U_{rms}	Root-mean-square of fluctuating velocity
E_{rms}	Root-mean-square of fluctuating voltage
U_{∞}	Reference mean velocity outside the boundary layer
x, y	Horizontal coordinates
z	Height above surface
δ	Height of boundary layer
T_u	Turbulence intensity $\frac{U_{rms}}{U_{\infty}}$ or $\frac{U_{rms}}{U}$
$C_{P_{mean}}$	Mean pressure coefficient $\frac{(p-p_{\infty})_{mean}}{\frac{1}{2} \rho U_{\infty}^2}$
$C_{P_{rms}}$	Root-mean-square pressure coefficient $\frac{((p-p_{\infty}) - (p-p_{\infty})_{mean})_{rms}}{\frac{1}{2} \rho U_{\infty}^2}$
$C_{P_{max}}$	Peak maximum pressure coefficient $\frac{(p-p_{\infty})_{max}}{\frac{1}{2} \rho U_{\infty}^2}$

<u>Symbol</u>	<u>Definition</u>
ρ	Density of approach flow
$()_{\min}$	Minimum value during data record
$()_{\max}$	Maximum value during data record
p	Fluctuating pressure at a pressure tap on the structure
p_{∞}	Static pressure in the wind tunnel above the model
H_z	Cycles per second

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 result in larger deflections of the building frame. In addition, increased use of pedestrian plazas at the base of the buildings has brought about a need to consider the effects of wind and gustiness in the design of these areas. Techniques have been developed during the past decade for wind tunnel modeling of proposed structures which allow the prediction of wind pressures on cladding and the effect of wind velocities and gusts in pedestrian areas adjacent to the building. Knowledge of the intensity and distribution of the pressures on the structure permits adequate but economical selection of window strength to meet selected maximum design winds and overall wind loads for the design of the frame for flexural control. Tall structures have historically produced unpleasant wind and turbulence conditions at their bases. Information on sidewalk-level gustiness allows plaza areas to be protected by design changes before the structure is constructed.

In certain instances it is desirable to know whether the construction of a new building will cause problems in an adjacent existing structure. For example, it is possible that changes caused by a new building could cause glass or cladding failure in an existing building that had heretofore not been endangered.

Modeling the aerodynamic loading on a structure requires special consideration of flow conditions in order to guarantee similitude between model and prototype. A detailed discussion of the similarity requirements

and their wind tunnel implementation can be found in References (1), (2), and (3). In general, the requirements are that the model and prototype be geometrically similar, that the approach mean velocity at the building site have a vertical profile shape similar to the full-scale flow, that the turbulence characteristics of the flows be similar, and that the Reynolds number for the model and prototype be equal.

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

1.2 The State Office Building--Cleveland, Ohio

A wind engineering study was performed for the proposed State Office Building in Cleveland, Ohio. The 190 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, and to evaluate the wind velocity and gustiness in the areas beneath and adjacent to the structure. In addition, a flow visualization study

(using smoke to make the air currents visible) was performed to outline the overall flow patterns and define the regions where local airflows might overload the building panels or produce pedestrian discomfort.

The State Office Building will be located in downtown Cleveland, Ohio at the intersection of Superior Avenue and Huron Road (Figure 1). West 6th Street and Prospect Avenue bound the other two sides of the building. The U.S. Post Office Building, 80 ft high, is located across West 6th Street from the State Office Building. Numerous buildings 25 to 200 feet in height surround the proposed structure. The terrain on the building site with building in place is generally flat but there are some mild slopes in the pedestrian areas near the State Office Building. Terrain was modeled about the building because of an approximate 20 ft drop to railroad yards immediately across the Huron Road bridge.

At the conclusion of the above investigation tests were performed to determine wind effects on the Post Office Building located across West 6th Street from the State Office Building (Figure 1), caused by construction of the State Office Building. Pressure measurements were made on the north, west, and south faces of the Post Office without the State Office Building in place to obtain a datum for wind velocity evaluations. Terrain features for the pre-building site were used. Pressures were again measured with the State Office Building in place and the resulting wind pressures compared.

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 60 feet long and is fed through a 4 to 1 ratio contracting section about 10 feet long. The roof may be adjusted in height to maintain a zero pressure gradient along the test section. The mean velocity of the airflow 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. Consideration was given to the fact that other adjacent large buildings, including the 600 ft high Union Terminal Building, were to be placed in the test section. A 1:300 scale model of the State Office Building was constructed from sheets of 3/16 inch thick Lucite plastic and fastened together with metal screws. Piezometer taps (1/16 in. dia) were drilled normal to the exterior vertical surfaces at 292 locations on the eight sides of the building. In addition, 4 piezometer taps were similarly installed in the ceiling of the plaza level and 8 taps in the roof of the building, making a total of 304 pressure measuring locations. The pressure tap locations were chosen so that the entire surface of the building could be investigated for pressure loading and at the same time cover critical areas where experience has shown that maximum wind effects may be expected to occur. The locations of the taps on the State Office Buildings are shown in Figures 3a to 3f.

Dimensions shown on the drawings are for both prototype and model. The prototype dimensions are in feet; the model dimensions in parentheses

are in inches. The pressure tap numbers are shown adjacent to the taps. The building side numbers are shown in Figures 3a thru 3e. Figures 3a thru 3d show the pressure taps on sides 1 thru 8, respectively. Figure 3a shows the roof taps and Figure 3f the taps in the ceiling above the plaza level.

Also constructed of Lucite and equipped with pressure taps was a west end portion of the Post Office Building. A 125 foot long (measured in the east and west direction) portion of the building, which is 75 feet high and 234 feet wide, was equipped with 42 pressure taps; 12 on the roof, 12 on the west face, 9 on the north face and 9 on the south face. Figure 3g shows the portion of the Post Office tested and the locations of the pressure taps.

A circular area, having a diameter of about 1575 feet, surrounding the building site was modeled in detail. Structures within the modeled region, other than the State Office and Post Office Buildings, were made from styrofoam cut to the individual building geometries. The State Office Building, the U.S. Post Office and the Union Terminal Tower Building were modeled as well as the shorter buildings adjacent to them. The entire assembly was mounted on a 63 in. diameter turntable centered 55 ft from the test-section entrance. The turntable was calibrated to indicate azimuthal orientation to 0.1 degree. Beyond the limits of the turntable removable pie-shaped pieces of structures and terrain were added to the model to fill the entire width of the test section. This was done to provide the most realistic air flow pattern possible. Pressures and velocities were measured for 24 wind directions; 15 degree intervals around a 360 degree arc.

The region upstream from the modeled area was covered with a randomized roughness constructed using 1 in. cubes placed on the floor. Spires were installed at the test section entrance to provide a thicker boundary layer than would otherwise be available. The spires were approximately triangularly shaped pieces of 1/2 in. thick plywood 6 in. wide at the base and 1 in. wide at the top, extending from the floor to the top of the test section. They were placed so that the broad side intercepted the flow. Splitter plates, triangular in cross section and made to fit the shape of the spires, were placed downstream from, but in contact with, the spires to form streamlined obstructions in the airflow path.

The distribution of the 1 in. cubes in the roughened area was designed to provide a boundary layer thickness of approximately 4 ft, a velocity profile power-law exponent similar to that for the Cleveland area, and a logarithmic velocity profile with a realistic roughness length. A photograph of the completed model is shown in Figure 4. The wind tunnel ceiling was adjusted after placement of the model to obtain a zero pressure gradient along the test section.

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

Making the airflow visible in the vicinity of the model is helpful in (a) understanding and interpreting mean and fluctuating pressures, (b) in defining zones of separated flow and reattachment where pressure coefficients may be expected to be high, and (c) in indicating areas where pedestrian discomfort may be a problem. Titanium tetrachloride smoke was released from sources on and near the model to make the flow

lines visible to the eye and to make it possible to obtain motion picture records of the tests. A guide to the motion picture scenes is given in Table 1. Conclusions obtained from these smoke studies are discussed in section 4.1.

3.2 Pressures

Mean and fluctuating pressures were obtained at each of the 304 pressure taps on the State Office Building model. Data was obtained for 24 wind directions, rotating the entire model assembly in a complete circle in 15 degree increments. Similar pressure tests were then made on the Post Office Building obtaining data at each of the 42 pressure taps for 24 different wind directions, again rotating the entire model assembly in a complete circle in 15 degree increments. Two sets of data were obtained for the Post Office, one with the State Office Building in place in the model and the second with the State Office Building removed. Seventy-six pieces of 1/16 inch I.D. plastic tubing each 18 in. long were used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports was directed in turn by the switch to one of the four pressure transducers mounted close to the switch. The switch was operated manually by means of a shaft projecting through the floor of the wind tunnel. A mechanical indexing feature locked the switch into each of the 20 required positions while a potentiometer provided an indication of the switch position on a digital voltmeter. The four pressure input taps not used for transmitting building surface pressures were connected to a common tube leading outside the wind tunnel. This

arrangement provided both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed.

The pressure transducers used were Statham differential strain gage transducers (Model PM 283TC) with a 0.15 psid range. They were selected because of their stability and linearity in the required working range. The resonant frequency of the transducers was approximately 2,000 Hz, or 2000 cycles per second. This was sufficiently high that resonance effects on the measured pressures could be ignored. Reference pressures were obtained by connecting the reference sides of the four transducers, using plastic tubing, to the static side of a pitot tube mounted in the wind tunnel free stream above the model building. In this way the transducer measured the instantaneous difference between the local pressure on the surface of the building and the static pressure in the free stream above the model.

Each pressure transducer contained a built-in bridge similar to a Wheatstone Bridge. The bridge was monitored by a Honeywell Accudata 118 Gage Control/Amplifier unit which provided excitation to the transducer bridge and amplified the bridge output. These instruments are characterized by a very stable excitation voltage and amplifier gain. Output from the Honeywell signal conditioners was fed to an on-line 8 channel System Development, Inc., analog-to-digital conversion unit. The data were processed onto digital tape for later data analysis by computer. Resolution of conversion was ± 0.0016 in pressure coefficient.

All four transducers were recorded simultaneously for 16 seconds at a 250 sample per second rate. The results of an experiment to

determine the length of record required to obtain stable mean and rms (root-mean-square) pressures and to determine the overall accuracy of the pressure data acquisition system is shown in Figure 5. A typical pressure port record was integrated for a number of different time periods to obtain the data shown. Examination of a large number of pressure taps showed that the overall accuracy for a 16 second period is, in pressure coefficient form, 0.03 for mean pressures, 0.1 for peak pressures and 0.01 for rms pressures. Pressure coefficients are defined in section 4.3.

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 State Office Building location with the surrounding buildings in place. Tests were made at only one wind velocity in the tunnel. This velocity was sufficiently high to produce Reynolds number similarity between the model (10^6) and the prototype (10^8).

Mean velocity and turbulence intensity measurements were made 0.3 in. (7.5 ft prototype) above the surface at 23 locations or positions (see Figure 1) near and beneath the building for 16 wind directions. The surface measurements are indicative of the environment to which a pedestrian in the plaza area would be subjected. The locations were chosen to determine the degree of pedestrian comfort or discomfort at the building corners where relatively severe conditions frequently are found, near building entrances where pedestrian traffic is heavy and in open plaza areas, both adjacent to and beneath the building.

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. diameter 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 DISARMS 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

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

where E_{rms} is the root-mean-square voltage output from the anemometer. All turbulence measurements were divided by both local mean velocity U and mean velocity outside the boundary layer U_{∞} . Division by U gives an indication of the relative unsteadiness at the location while division by U_{∞} permits an easy determination of the actual magnitude of rms velocity fluctuation at a point for various approach velocities.

4. RESULTS

4.1 Flow Visualization

A film is included as part of this report showing the characteristics of flow about the structure using smoke to make the flow visible. A listing of contents of the film is shown in Table 1. Several features can be noted from the visualization. As with all large structures, wind approaching the building was deflected down to the plaza level, up over the structure and around the sides. The tendency of a building to deflect oncoming wind downward causing a reversal in wind direction at street level and a more turbulent environment was observed. The most severe wind conditions were observed in the open areas under the building at both ends. The pressure differential from windward to leeward sides for northerly or southerly winds caused large velocities underneath the building. These velocities would probably be uncomfortable for pedestrians. No flows about the structure were observed which would indicate particularly severe local cladding pressures.

4.2 Velocity

Velocity and turbulence profiles are shown in Figures 6a and 6b. These profiles were taken upstream from the model and are characteristic of the boundary-layer approaching the model. As shown in Figure 6a the boundary-layer thickness δ was 50 in. corresponding to a prototype value of 1250 ft. This is a reasonable value for Cleveland, Ohio. In the form

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

the velocity profile has an exponent n of 0.28 for the approach flow which is an acceptable value for city environments¹ such as Cleveland

with moderate building heights. If the upstream profile shown in Figure 6a is plotted in semilogarithmic form, the effective roughness height z_0 indicated by the zero velocity intercept of the best fit line is about 7 ft. This is somewhat larger than might be anticipated for the site but is still a reasonable value.

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

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

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

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

Mean velocity U/U_∞ , turbulence intensity U_{rms}/U_∞ , and "gustiness" U_{rms}/U at the pedestrian measuring positions 1 through 23, shown in Figure 1, are listed in Table 2 for 16 wind directions and are plotted in Figures 7 through 14. Measurements were taken 0.3 (7.5 ft prototype) above the ground surface. A site map is superimposed on the polar plots to aid in visualizing the effects of the nearby structures on the results.

The largest mean velocities were recorded at positions 6, 15, and 12 for wind azimuths of 157.5, 202.5, and 0.0 degrees, respectively.

The respective velocities were 73.0, 66.4, and 61.5 percent of the reference velocity U_{∞} at these points. The largest mean velocity at the other 12 measuring positions ranged from 37.2 percent at position 7 to 60.9 percent at position 5.

The largest fluctuating velocities were at positions 6, 15, and 12 and were 28.0, 20.6, and 16.5 percent, respectively. The largest gustiness values were at positions 5, 7, and 9; 60.9, 60.5, and 59.1 respectively although positions 6, 15, and 12 were not much different, 54.3, 51.7, and 54.9, respectively. These conditions indicate that the pedestrian areas beneath the east and west ends of the building and the sidewalk areas near West 6th and Huron Road, and at the sharp point at Superior Avenue and Huron Road, will be extremely windy and pedestrian discomfort will be at a maximum.

In an attempt to improve pedestrian comfort beneath the building a 50 percent porosity screen was placed across the three open bays at the southeast end of the plaza area, Figure 1. Velocities were re-measured at positions 11 through 15 and the results listed as positions 16 through 20 respectively. In a final attempt the 50 percent screen was replaced with a solid screen. Velocities were re-measured at positions 11 through 13 and the results listed as positions 21 through 23.

With the 50 percent screen in place positions 17 and 19 showed the largest mean velocities, 88.6 and 78.3 percent for a wind azimuth of 0 degrees. Fluctuating velocities and the gustiness values were also increased with the 50 percent screen in place, indicating the screen was of little value in this area.

With the solid screen in place the mean velocities were reduced at positions 21, 22, and 23 (formerly positions 11, 12, and 13) to 48.3,

36.3, and 29.2, 36.3, and 29.2, respectively for wind azimuths of 112.5, 337.5 respectively. The fluctuating velocities were effectively reduced while the gustiness values remained essentially the same.

It appears that the solid wind screen, located as shown in Figure 1, would improve pedestrian comfort in parts of the east plaza area during high winds from some directions. In other adjacent areas--particularly the sidewalk at positions 14 and 15--the screen would cause an increase in pedestrian discomfort for selected wind directions.

To enable a quantitative assessment of the wind environment, the wind tunnel data were combined with wind frequency and direction information obtained at the Burke Lakefront Airport in Cleveland, Ohio. Table 3 shows the frequency and direction data calculated from monthly summaries published by the National Weather Service for the period January 1967 to December 1971. These data, obtained at an elevation of 57 ft, were converted to velocities at the reference height for the wind tunnel measurements (1250 ft) and combined with the wind tunnel data to obtain cumulative probability distributions (percent time a given velocity is exceeded) for wind velocity at each site. The percentage times were summed by wind direction to obtain a percent time exceeded at each position independent of wind direction (but accounting for the fact that the wind blows from different directions with varying frequency). These results are listed in Table 4 and plotted in Figures 15 through 22.

Interpretation of Figures 15 through 22 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for

acceptance have been summarized by Penwarden and Wise (4). The Beaufort scale, based on mean velocity only, is reproduced as Table 5 including qualitative descriptions of wind effects. Table 5 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient.

From Figures 15 to 22 it may be seen that mean velocities of 24 mph are reached considerably less than 0.5 percent of the time, (one percent is approximately 88 hours per year) at 14 of the 15 measuring positions. At position 6 the wind exceeded 24 mph for 1.7 percent of the time. Mean winds did not exceed the 12 mph level more than 10 percent of the time except at positions 1, 5, and 6 where the times increased to 13, 30, and 35 percent respectively.

Peak gust values shown in Figures 15 to 22 require a somewhat different interpretation. The peak gust curves shown are the percent of time during which a several-second gust of the stated magnitude could occur (say less than one of these gusts per hour). Evidence suggests that gusts greater than about 35 mph in magnitude can be a major impediment to pedestrians, particularly the elderly. Most measuring positions experienced winds in which gusts of 35 mph or higher would occur less than 2 percent of the time, but position 6 in the plaza area experienced the highest level, 10 percent of the time.

When the 50 percent porosity screen was in place positions 16 through 20 (formerly 11 through 15) showed little if any improvement for the 12 and 24 mph winds and a definite increase in peak gusts of 35 mph. With the solid screen in place positions 21 through 23 (formerly 11 through 13) showed a definite reduction in fluctuating velocity but an increase in gustiness.

Pedestrian reaction to strong winds from the sensitive directions should probably be evaluated in the plaza at the east end of the building before remedial action such as building a solid screen is undertaken. It is likely that some remedial action will be desirable. The pedestrian area beneath the building at position 6, however, should be completely enclosed during the original construction because the tests showed this to be an extremely uncomfortable area for pedestrians. Even the sidewalk area in this vicinity will be very uncomfortable.

4.3 Pressures

The pressure measured at each pressure tap on the building was related to the pressure in the wind tunnel, measured by a pitot tube in an undisturbed area upstream from the model. This relationship produced a dimensionless coefficient which indicated that the pressure at a given point on the structure is some fraction less or some fraction greater than the undisturbed wind dynamic pressure. Using the measured coefficient, absolute pressure values for any wind velocity may then be calculated.

For each of the pressure ports examined (9312 total), the data record was analyzed to obtain four separate pressure coefficients. The first was the mean pressure coefficient

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

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

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

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

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 for the Cleveland State Office Building is included as Appendix A, while the list of coefficients for the Post Office Building is

included as Appendix B. The tap code numbers used in the appendices are given in Figure 3a through 3g. In addition the coefficient data in each Appendix includes the approach wind azimuth in degrees from true north.

In order to determine the largest loads acting at any point on the State Office Building, the data for all wind directions were searched to obtain, at each pressure tap, the largest positive and negative mean values and the largest positive and negative peak values. Table 6 provides these pressure coefficients and associated wind directions. The positive peak values on the structure ranged between 0.112 on the roof and 1.079 on side 3 of the building. Eight taps had values larger than 1.000 and most of these were on sides 2 and 3. The largest peak negative pressure coefficients were -2.30, -1.87, and -1.75 for tap locations 501, 506, and 507, respectively, all located on the east face or side 5 of the building. In all, 81 taps had peak coefficients in the range -1.000 to -2.301 in magnitude, mostly concentrated in areas of sides 1, 5, and 8.

The pressure coefficients of Table 6 can be converted to full-scale loads by multiplication by a suitable reference pressure selected for the field site. One method of arriving at a reference pressure for Cleveland is provided by the proposed American National Standards Institute A58.1 (5). The wind magnitude for a 50-year return period in Cleveland is 80 mph for a fastest-mile wind at 30 ft. elevation. A factor of 1.26 (6) was used to reduce this velocity to a one-hour mean velocity-- equivalent to the wind tunnel mean velocity. The resulting 63 mph was then translated to a prototype elevation equivalent to the height of the reference wind tunnel measurement (1250 ft) by means of a power-law

velocity profile with a 0.16 exponent. This exponent corresponds to typical values near airports where the 50-year recurrence winds in the ANSI standard are appropriate. The mean velocity (U) at 1250 ft was calculated as 114.7 mph. The appropriate reference pressure based on this velocity is given by $0.00256 U^2 = 33.7$ (use 34 psf) from the ANSI standard.

Recent research (7) 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 pressure is 24.6 psf (use 25 psf).

Loadings on the full-scale prototype structure were computed by multiplying the 25 psf reference pressure by the peak coefficients of Table 6. Table 7 shows these results. The maximum coefficient given is the maximum peak value found in the tests, irrespective of its algebraic sign.

For ease in visualizing the loads on the structure, contours of equal peak pressures have been plotted on elevation views of the structure. Figure 23 shows the contours on the eight sides of the building. The values plotted were for the 25 psf loadings listed in Table 7. The largest force contours shown on the drawings are on

side 5, Figure 27. The contours show values up to 70 psf in the upper left and up to 60 psf in the upper right, even though the maximum pressures in Table 7 show 57.52 psf (at tap 501) in the upper left corner and 46.77 psf (at tap 506) in the upper right. This is because the computer has extrapolated the forces from the pressure taps nearest the building edge to the building edge, resulting in forces being plotted which are greater than those actually measured. The larger values are valid, however, and should be used for design purposes.

Contour values on the other sides of the building are considerably lower than on side 5. Side 1 shows a maximum value of 35 psf in a very small area of the upper left corner, sides 2 and 3 a maximum of 25 psf, sides 4, 6, and 7 a maximum of 30 psf, and side 8 a maximum of 40 psf. In using these values for glass or cladding design the building sides may be divided into zones and thicker materials used where the forces are the greatest.

The pressure data taken on the 42 taps of the Post Office Building (1) with the State Office Building not in place, and (2) with the State Office Building in place, for 24 different wind directions are shown in Appendix B. Pressure tap locations are shown in Figure 3g. The tabulations include wind direction, tap number and the four pressure coefficients $C_{p_{mean}}$, $C_{p_{rms}}$, $C_{p_{max}}$, and $C_{p_{min}}$. These data were searched for the maximum mean, minimum mean, largest maximum and largest minimum pressure coefficients for each tap, giving the wind direction for each value. These values are shown in Table 8. The maximum pressure coefficients (absolute values) were then selected from Table 8 and listed in Table 9; the maximum pressure coefficient multiplied by the 25 psf reference pressure is shown in the right-hand column.

A comparison of these load (psf) columns with and without the State Office Building in place is shown in Table 10. With the State Office Building in place the wind loading was increased at the tap numbers having a plus load (+) difference and reduced at the taps having a minus load (-) difference. In all there were 22 plus and 20 minus differences for the 42 taps tested. The largest increases with the addition of the State Office Building occurred near taps 101 and 401 located at the upper northwest corner of the Post Office (+11.6 and +13.1 respectively), at tap 212 on the sidewalk level at the southwest corner (+24.0), and at tap 408 along the south edge of the roof (+13.7). These data indicate that certain areas of the Post Office Building will, for certain wind directions, experience significantly higher wind loads. It is also true that the State Office Building acts to decrease wind loads on other portions of the structure.

5. CONCLUSIONS

The wind tunnel was used to produce an atmospheric boundary-layer flow over a 1:300 scale model of the proposed State Office Building in Cleveland, Ohio. Adjacent and nearby buildings were modeled as was the terrain in an area approximately 1575 feet in diameter surrounding the building site. The airflow characteristics produced in the wind tunnel were similar to those expected to occur in downtown Cleveland. The airflow was made visible with smoke and recorded on motion picture film. These tests indicated several areas of probable pedestrian discomfort in the plaza area during high winds. Velocity measurements made at 23 selected sites in the plaza area both beneath the building and adjacent to it corroborated the findings of the smoke tests and indicated that certain areas of the plaza should be avoided by

pedestrians during high winds. In fact, it is recommended that the plaza area beneath the building at the Superior Avenue and Huron Road intersection be completely enclosed and that revolving doors be considered for use in the building entrances.

In the plaza area beneath the east end of the building two types of wind screens were tested to determine their effect on increasing pedestrian comfort. Some improvement was obtained in some areas but conditions were made worse in other areas. A solid type screen gave the best results but it is recommended that pedestrian reaction to the occurring winds be obtained before any type of wind screen is constructed.

Pressure tests made on the 304 pressure taps in the State Office Building model for 24 wind directions (7296 individual investigations) showed areas, principally near the upper corners of the east face of the building (side 5), where the wind loads were as high as 70 psf. The other faces of the building had maximum pressures of 25 to 40 psf. Some of these maximum pressures were negative in sign indicating a tendency to pull the glass or cladding off the structure. The pressure contours plotted on drawings of the eight sides of the building may be used to divide the building faces into zones where thinner or less expensive glass and cladding may be safely used.

The pressure tests made on the adjacent Post Office Building with and without the State Office Building in place indicated that the State Office Building did, in fact, increase the wind loadings on some portions of the Post Office Building. Of the 42 pressure taps on the Post Office Building tested for eight wind directions, 22 taps showed an increase in pressure (up to 24 psf) and 20 taps showed a decrease in pressure as a result of constructing the State Office Building.

The pressures listed for the Post Office Building are appropriate for glass and would be approximately 37 percent higher for other types of cladding.

REFERENCES

1. Cermak, J. E., "Laboratory Simulation of the Atmospheric Boundary Layer," AIAA J1., Vol. 9, September 1971.
2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME J1. of Fluids Engineering, Vol. 97, No. 1, March 1975.
3. Davenport, A. G., and Isyumov, N., "The Application of the Boundary Layer Wind Tunnel to the Prediction of Wind Loading," Proc. of Int. Res. Seminar on Wind Effects on Buildings and Structures, V. I, N.R.C., Canada, 1967.
4. Penwarden, A. D. and Wise, A. F. E., "Wind Environment Around Buildings," Building Research Establishment Report, HMSO, 1975.
5. American National Standards Institute, "American National Standard Building Code Requirements for Minimum Design Loads in Buildings and Other Structures," ANSI Standard A58.1, 1972.
6. Vellozzi, J. and Cohen, C., "Gust Response Factors," J1. Structural Div., ASCE, Proc. Paper No. 5980, Vol. 94, No. ST6, 1968.
7. Peterka, J. A. and Cermak, J. E., "Peak-Pressure Duration in Separated Regions on a Structure," U.S.-Japan Research Seminar on Wind Effects on Structures, Kyoto, Japan, 9-13 September 1974; Report CEP74-75JAP-JEC8, Fluid Mechanics Program, Colorado State University, September 1974.

TABLES

Table 1

MOTION PICTURE SCENE GUIDE

STATE OFFICE BUILDING, CLEVELAND

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

Length: 830 ft

Time : approximately 23 minutes

Table 2. PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 1

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	10.7	4.1	38.4
22.50	8.9	3.1	34.1
45.00	6.4	2.5	38.9
67.50	5.1	2.5	48.5
90.00	11.6	6.2	53.2
112.50	28.8	11.9	41.4
135.00	31.3	10.4	33.0
157.50	43.9	10.4	23.7
180.00	53.7	12.5	23.2
202.50	47.7	12.4	27.0
225.00	52.1	12.4	23.8
247.50	20.7	7.8	37.7
270.00	9.9	3.5	35.7
292.50	10.3	4.5	43.8
315.00	9.3	3.7	40.0
337.50	10.2	3.6	34.8

POSITION 2

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	18.9	8.0	42.2
22.50	17.0	5.2	30.7
45.00	9.1	3.8	42.1
67.50	9.0	4.4	48.5
90.00	22.1	9.2	41.7
112.50	12.5	6.2	49.7
135.00	13.4	7.2	54.2
157.50	21.8	10.4	47.9
180.00	24.3	11.1	45.9
202.50	31.1	11.7	37.6
225.00	39.3	13.7	34.7
247.50	34.1	12.1	35.5
270.00	13.4	5.3	39.7
292.50	11.6	5.0	43.0
315.00	14.1	5.8	40.8
337.50	16.9	6.3	37.1

POSITION 3

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	9.3	3.1	33.0
22.50	8.5	2.9	34.7
45.00	5.2	2.0	39.4
67.50	4.1	2.1	49.6
90.00	10.8	5.5	51.1
112.50	12.1	6.8	56.1
135.00	13.8	7.9	57.3
157.50	13.3	6.0	44.8
180.00	13.1	6.2	47.4
202.50	15.4	7.3	47.1
225.00	19.9	10.1	50.9
247.50	22.3	9.5	42.6
270.00	9.7	3.9	40.7
292.50	9.7	3.7	38.3
315.00	9.7	3.5	36.5
337.50	9.2	3.3	35.3

POSITION 4

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	13.0	5.4	41.7
22.50	9.0	4.0	44.2
45.00	6.5	2.8	43.4
67.50	5.6	2.6	46.7
90.00	13.6	7.6	56.1
112.50	39.9	13.4	33.6
135.00	32.0	12.7	39.8
157.50	35.2	13.9	39.6
180.00	19.2	8.4	44.0
202.50	15.0	6.2	41.1
225.00	19.3	8.3	43.2
247.50	22.1	7.9	35.8
270.00	12.7	4.9	38.8
292.50	11.6	5.4	46.6
315.00	10.5	4.2	39.7
337.50	10.3	4.2	40.6

Table 2 (continued). PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 5				POSITION 6			
WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)	WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	55.5	11.4	20.5	0.00	47.6	11.1	23.4
22.50	51.1	11.8	23.2	22.50	33.4	13.5	40.5
45.00	28.7	13.5	46.9	45.00	8.2	4.4	54.3
67.50	14.7	8.3	56.4	67.50	6.4	3.0	47.5
90.00	15.1	9.2	60.9	90.00	8.0	4.0	50.0
112.50	51.9	11.6	22.4	112.50	33.4	12.5	37.4
135.00	60.7	13.8	22.7	135.00	55.1	12.9	23.3
157.50	55.9	13.7	24.5	157.50	73.0	13.9	19.1
180.00	52.9	11.6	22.0	180.00	65.9	12.0	18.2
202.50	47.6	8.9	18.6	202.50	54.0	12.5	23.2
225.00	37.1	9.9	26.7	225.00	41.0	10.6	25.9
247.50	19.2	9.4	48.9	247.50	18.9	8.8	46.8
270.00	60.9	13.5	22.1	270.00	59.0	28.0	47.5
292.50	44.5	13.2	29.6	292.50	62.7	15.1	24.1
315.00	54.9	12.5	22.8	315.00	63.2	16.7	26.5
337.50	49.5	11.4	23.1	337.50	54.1	11.6	21.4

POSITION 7				POSITION 8			
WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)	WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	18.1	8.8	48.4	0.00	43.4	13.2	30.3
22.50	16.8	9.5	56.7	22.50	43.4	11.3	26.0
45.00	29.5	14.8	50.2	45.00	32.4	13.2	40.8
67.50	16.0	8.3	51.6	67.50	21.8	11.0	50.5
90.00	8.1	4.2	52.5	90.00	21.2	11.4	53.8
112.50	15.1	9.1	60.5	112.50	27.0	14.4	53.1
135.00	18.4	9.1	49.1	135.00	25.1	10.5	41.8
157.50	18.1	7.5	41.5	157.50	20.7	7.9	38.1
180.00	17.8	9.0	50.6	180.00	14.6	6.5	44.7
202.50	19.7	8.2	41.5	202.50	34.6	11.0	31.8
225.00	14.5	6.3	43.4	225.00	41.0	8.1	19.8
247.50	21.9	8.1	37.0	247.50	38.4	8.9	23.2
270.00	35.1	9.8	28.0	270.00	58.1	11.1	19.1
292.50	29.7	9.5	31.9	292.50	46.1	12.0	26.1
315.00	37.2	9.2	24.6	315.00	58.0	12.3	21.3
337.50	23.9	8.6	36.2	337.50	33.3	11.3	33.9

Table 2 (continued). PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 9

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	23.4	10.5	44.6
22.50	23.4	12.3	52.5
45.00	31.2	17.3	55.5
67.50	20.8	11.2	54.1
90.00	15.5	8.7	55.8
112.50	12.0	7.1	54.1
135.00	14.9	8.0	53.3
157.50	17.5	6.8	38.9
180.00	18.0	7.1	39.4
202.50	33.8	13.0	38.6
225.00	12.8	6.5	50.6
247.50	12.6	5.3	42.3
270.00	8.0	7.7	33.2
292.50	18.6	8.4	44.9
315.00	32.0	15.6	48.7
337.50	36.5	13.6	37.2

POSITION 10

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	14.6	6.7	45.9
22.50	15.6	6.7	42.7
45.00	17.7	8.5	47.9
67.50	10.2	5.1	50.2
90.00	21.9	9.5	43.6
112.50	49.0	12.8	26.1
135.00	51.1	14.3	28.0
157.50	16.4	9.4	57.4
180.00	12.8	5.6	44.1
202.50	17.6	8.1	46.0
225.00	7.6	2.5	33.2
247.50	7.6	2.3	29.8
270.00	6.2	1.9	30.9
292.50	15.1	5.1	33.8
315.00	13.7	5.6	41.0
337.50	15.9	6.3	39.5

POSITION 11

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	23.8	10.6	44.8
22.50	22.2	8.9	40.2
45.00	19.9	9.9	49.7
67.50	18.8	9.7	51.6
90.00	30.7	17.7	41.4
112.50	32.0	12.7	39.8
135.00	44.1	12.5	28.4
157.50	54.4	12.3	22.6
180.00	40.6	11.4	28.2
202.50	34.3	11.7	34.1
225.00	36.8	8.5	23.1
247.50	21.0	7.1	33.8
270.00	11.8	4.3	37.0
292.50	16.6	7.2	43.1
315.00	26.8	14.6	54.3
337.50	21.4	9.1	42.6

POSITION 12

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	61.5	15.3	24.8
22.50	33.4	15.6	46.8
45.00	41.9	16.5	39.3
67.50	21.1	11.8	56.1
90.00	25.3	9.9	39.0
112.50	58.9	11.4	19.4
135.00	59.8	15.7	26.3
157.50	27.4	16.0	58.5
180.00	22.1	11.6	52.2
202.50	17.9	8.9	50.0
225.00	15.6	7.8	49.9
247.50	10.3	4.0	39.2
270.00	7.8	2.9	37.4
292.50	11.4	4.9	43.1
315.00	11.2	5.1	45.5
337.50	53.0	12.9	24.3

Table 2 (continued). PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 13

WIND AZIMUTH	U/UIINF (PERCENT)	URMS/UIINF (PERCENT)	URMS/U (PERCENT)
0.00	31.4	13.8	43.9
22.50	37.1	15.8	42.6
45.00	31.4	12.6	40.2
67.50	12.3	6.8	54.9
90.00	23.7	10.7	45.2
112.50	46.1	9.0	19.6
135.00	43.0	12.4	28.9
157.50	57.7	15.5	26.8
180.00	29.2	12.9	44.0
202.50	53.6	15.2	28.3
225.00	43.7	13.7	31.4
247.50	25.4	9.2	36.0
270.00	11.6	4.9	42.4
292.50	13.0	5.2	39.9
315.00	13.8	6.5	46.9
337.50	17.1	8.3	48.4

POSITION 14

WIND AZIMUTH	U/UIINF (PERCENT)	URMS/UIINF (PERCENT)	URMS/U (PERCENT)
0.00	50.2	14.3	28.5
22.50	30.6	12.3	40.2
45.00	35.0	15.7	44.9
67.50	16.9	8.9	52.8
90.00	28.8	10.1	35.2
112.50	42.0	11.6	27.6
135.00	53.5	12.8	23.9
157.50	36.4	14.2	39.0
180.00	28.8	11.0	38.1
202.50	30.7	10.6	34.5
225.00	20.7	7.6	36.6
247.50	14.6	5.8	40.1
270.00	14.7	6.1	41.1
292.50	18.6	9.0	48.5
315.00	31.2	15.6	49.9
337.50	46.8	14.0	29.9

POSITION 15

WIND AZIMUTH	U/UIINF (PERCENT)	URMS/UIINF (PERCENT)	URMS/U (PERCENT)
0.00	35.8	12.5	34.9
22.50	30.6	12.6	41.4
45.00	13.3	6.7	50.2
67.50	12.5	6.5	51.7
90.00	16.0	8.1	50.3
112.50	31.7	9.7	30.8
135.00	33.3	9.1	27.3
157.50	59.5	14.5	24.4
180.00	36.8	14.9	40.4
202.50	66.4	20.6	31.0
225.00	37.8	14.0	37.0
247.50	27.0	11.8	43.8
270.00	19.4	8.0	41.3
292.50	24.0	9.4	39.0
315.00	28.7	12.6	43.8
337.50	35.0	12.2	34.8

POSITION 16

WIND AZIMUTH	U/UIINF (PERCENT)	URMS/UIINF (PERCENT)	URMS/U (PERCENT)
0.00	40.2	16.7	41.7
22.50	37.9	14.1	37.3
45.00	19.7	9.8	49.5
67.50	17.4	8.2	47.0
90.00	30.4	12.7	41.8
112.50	28.5	13.9	48.7
135.00	28.9	10.3	35.5
157.50	39.8	9.2	23.1
180.00	27.8	9.5	34.3
202.50	20.3	8.1	40.1
225.00	24.3	7.2	29.6
247.50	15.8	6.1	38.6
270.00	11.9	4.8	40.5
292.50	17.1	7.4	43.1
315.00	25.4	13.9	54.7
337.50	22.0	10.2	46.2

Table 2 (continued). PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 17

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	88.6	22.3	25.1
22.50	50.2	21.8	43.5
45.00	38.7	15.6	40.3
67.50	19.4	10.9	56.1
90.00	25.0	10.0	40.1
112.50	51.5	7.9	15.3
135.00	53.2	13.3	24.9
157.50	18.6	9.1	49.0
180.00	14.1	6.4	45.6
202.50	12.5	5.5	44.2
225.00	9.0	3.2	35.6
247.50	7.8	2.4	30.4
270.00	6.8	2.2	32.9
292.50	10.5	4.2	40.0
315.00	10.5	4.5	43.0
337.50	47.1	12.8	27.1

POSITION 18

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	43.6	17.3	39.7
22.50	55.6	22.5	40.4
45.00	27.9	11.7	41.8
67.50	10.8	6.0	55.3
90.00	26.0	11.2	43.2
112.50	36.3	7.0	19.4
135.00	31.7	9.9	31.1
157.50	41.1	12.3	30.0
180.00	21.8	9.4	43.0
202.50	41.1	9.6	23.2
225.00	31.7	9.2	28.8
247.50	18.1	6.0	33.1
270.00	8.6	3.0	34.9
292.50	11.2	4.6	41.2
315.00	13.0	5.9	45.1
337.50	17.9	9.1	50.6

POSITION 19

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	78.3	22.6	28.8
22.50	50.5	18.8	37.3
45.00	34.1	15.8	46.1
67.50	16.8	9.0	53.4
90.00	26.8	10.3	35.7
112.50	42.8	11.2	26.2
135.00	54.1	12.9	23.8
157.50	33.3	13.3	40.1
180.00	23.1	9.8	42.6
202.50	21.3	8.5	39.6
225.00	15.3	5.9	38.9
247.50	10.5	3.6	34.3
270.00	14.1	5.8	41.4
292.50	19.3	9.3	48.1
315.00	30.2	14.9	49.2
337.50	46.2	13.8	30.0

POSITION 20

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	43.4	17.5	40.3
22.50	52.3	19.9	38.0
45.00	13.4	6.9	51.5
67.50	12.6	6.7	53.1
90.00	16.2	7.7	47.8
112.50	32.0	9.4	29.5
135.00	31.9	9.2	28.8
157.50	59.4	15.8	26.6
180.00	36.0	15.2	42.2
202.50	62.0	21.4	34.5
225.00	36.3	14.1	38.9
247.50	24.3	10.4	42.8
270.00	18.7	7.9	42.4
292.50	23.2	9.1	39.4
315.00	28.8	13.1	45.7
337.50	34.6	11.3	32.6

Table 2 (continued). PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

STATE OFFICE BUILDING, CLEVELAND, OHIO

POSITION 21

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	22.7	12.3	54.0
22.50	23.0	10.4	45.4
45.00	21.4	10.1	47.4
67.50	17.8	8.5	47.9
90.00	28.5	12.6	44.3
112.50	48.3	17.1	35.4
135.00	18.0	10.3	57.1
157.50	16.2	7.8	48.2
180.00	11.3	5.2	46.5
202.50	24.7	10.8	43.5
225.00	13.4	6.8	50.8
247.50	14.6	7.2	49.3
270.00	8.4	3.6	42.6
292.50	15.8	8.4	53.4
315.00	38.6	19.9	51.4
337.50	23.2	10.9	46.9

POSITION 22

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	36.3	13.4	36.8
22.50	22.0	8.3	37.7
45.00	28.2	12.3	43.8
67.50	14.0	6.5	46.4
90.00	11.4	4.0	35.4
112.50	12.5	4.5	36.4
135.00	8.3	3.0	36.6
157.50	7.4	2.5	34.2
180.00	8.4	3.5	41.2
202.50	7.8	2.9	36.6
225.00	6.6	2.3	35.3
247.50	7.7	2.7	34.3
270.00	6.5	2.3	35.3
292.50	12.9	4.0	30.9
315.00	14.4	5.5	38.4
337.50	31.1	13.5	43.3

POSITION 23

WIND AZIMUTH	U/UINF (PERCENT)	URMS/UINF (PERCENT)	URMS/U (PERCENT)
0.00	28.8	11.3	39.4
22.50	15.6	7.6	49.0
45.00	12.6	6.1	48.6
67.50	16.7	7.9	47.3
90.00	19.7	10.7	54.1
112.50	14.4	8.6	59.4
135.00	11.1	4.0	35.8
157.50	10.4	3.4	32.6
180.00	7.2	2.1	29.6
202.50	8.9	3.6	40.3
225.00	7.1	2.3	32.3
247.50	6.2	1.9	31.4
270.00	5.9	2.0	34.9
292.50	10.4	4.3	41.0
315.00	11.5	5.3	46.5
337.50	29.2	11.5	39.5

Table 3

WIND DATA

Percentage Frequencies of Wind Speed
by Magnitude and Direction

CLEVELAND, OHIO--Burke Lakefront Airport

Annual Hourly Observations of Wind Speed--miles per hour					
<u>Direction</u>	<u>5-10</u>	<u>10-15</u>	<u>15-30</u>	<u>> 30</u>	<u>Totals</u>
N	1.24	2.20	2.42	0.07	5.93
NNE	0.99	2.49	2.50	0.02	6.00
NE	1.30	2.50	5.58	0.08	9.46
ENE	0.66	1.21	0.70		2.57
E	0.54	0.87	0.24		1.65
ESE	0.26	0.60	0.34		1.20
SE	0.45	1.04	1.00		2.49
SSE	0.75	2.52	3.59		6.86
S	1.34	4.52	5.07		10.93
SSW	0.69	2.58	2.60		5.87
SW	0.82	2.98	3.91	0.01	7.72
WSW	1.02	3.34	6.25	0.05	10.66
W	1.03	2.46	6.24	0.26	9.99
WNW	0.98	2.05	4.30	0.23	7.56
NW	0.81	1.55	2.29	0.09	4.74
NNW	0.76	1.30	1.71	0.10	3.87
Calm	1.50				1.50
Totals	15.14	34.21	48.74	0.91	99.00

Anemometer Elevation = 57' above airport
airport at 583'

Table 4. CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 1

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	67.06	3.0	80.38
4.0	39.32	7.0	46.16
7.0	27.69	11.0	33.74
11.0	13.93	15.0	22.39
15.0	6.36	18.0	15.81
19.0	.71	21.0	11.90
24.0	.00	25.0	7.30
28.0	0.00	29.0	3.31
32.0	0.00	33.0	.35
36.0	0.00	38.0	.01
42.0	0.00	42.0	.00
46.0	0.00	46.0	0.00

POSITION 2

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	79.06	3.0	87.82
4.0	45.64	7.0	59.80
7.0	17.47	11.0	32.53
11.0	4.38	15.0	18.86
15.0	.03	18.0	12.08
19.0	.00	21.0	6.51
24.0	0.00	25.0	2.10
28.0	0.00	29.0	.28
32.0	0.00	33.0	.02
36.0	0.00	38.0	.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 3

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	57.72	3.0	75.21
4.0	17.88	7.0	31.91
7.0	2.68	11.0	12.45
11.0	.00	15.0	4.66
15.0	0.00	18.0	1.01
19.0	0.00	21.0	.04
24.0	0.00	25.0	.00
28.0	0.00	29.0	0.00
32.0	0.00	33.0	0.00
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 4

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	68.77	3.0	82.69
4.0	31.62	7.0	46.70
7.0	7.84	11.0	21.01
11.0	1.64	15.0	8.95
15.0	0.00	18.0	4.04
19.0	0.00	21.0	2.82
24.0	0.00	25.0	1.23
28.0	0.00	29.0	.02
32.0	0.00	33.0	0.00
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

Table 4 (continued). CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 5				POSITION 6			
VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	91.23	3.0	92.98	2.0	84.58	3.0	90.07
4.0	81.24	7.0	85.43	4.0	72.95	7.0	77.12
7.0	62.53	11.0	73.54	7.0	57.90	11.0	66.91
11.0	34.54	15.0	54.10	11.0	38.81	15.0	52.73
15.0	17.86	18.0	40.49	15.0	22.52	18.0	42.87
19.0	5.09	21.0	31.14	19.0	11.00	21.0	35.08
24.0	.30	25.0	19.16	24.0	1.66	25.0	26.14
28.0	.07	29.0	10.45	28.0	.17	29.0	18.53
32.0	0.00	33.0	3.65	32.0	0.00	33.0	12.45
36.0	0.00	38.0	.48	36.0	0.00	38.0	6.53
42.0	0.00	42.0	.22	42.0	0.00	42.0	3.62
46.0	0.00	46.0	.09	46.0	0.00	46.0	2.34

35

POSITION 7				POSITION 8			
VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	85.47	3.0	90.19	2.0	89.70	3.0	92.24
4.0	55.61	7.0	71.39	4.0	75.01	7.0	80.75
7.0	21.07	11.0	44.06	7.0	50.48	11.0	62.16
11.0	3.96	15.0	22.32	11.0	25.24	15.0	42.81
15.0	.21	18.0	11.71	15.0	8.70	18.0	31.88
19.0	0.00	21.0	6.37	19.0	2.83	21.0	22.06
24.0	0.00	25.0	1.65	24.0	.23	25.0	10.48
28.0	0.00	29.0	.20	28.0	.04	29.0	4.55
32.0	0.00	33.0	.03	32.0	0.00	33.0	1.32
36.0	0.00	38.0	0.00	36.0	0.00	38.0	.32
42.0	0.00	42.0	0.00	42.0	0.00	42.0	.11
46.0	0.00	46.0	0.00	46.0	0.00	46.0	.01

Table 4 (continued). CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 9

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	79.67	3.0	88.13
4.0	44.61	7.0	60.35
7.0	14.47	11.0	34.77
11.0	2.73	15.0	18.47
15.0	.18	18.0	13.00
19.0	0.00	21.0	8.51
24.0	0.00	25.0	4.36
28.0	0.00	29.0	1.05
32.0	0.00	33.0	.17
36.0	0.00	38.0	.04
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 10

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	63.99	3.0	77.21
4.0	24.34	7.0	37.98
7.0	2.93	11.0	14.91
11.0	1.25	15.0	4.28
15.0	.61	18.0	1.60
19.0	0.00	21.0	1.17
24.0	0.00	25.0	.81
28.0	0.00	29.0	.46
32.0	0.00	33.0	.12
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 11

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	87.08	3.0	91.02
4.0	63.50	7.0	74.80
7.0	28.78	11.0	49.25
11.0	10.23	15.0	26.78
15.0	2.34	18.0	16.03
19.0	.48	21.0	10.00
24.0	0.00	25.0	4.25
28.0	0.00	29.0	1.33
32.0	0.00	33.0	.23
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 12

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	78.47	3.0	88.13
4.0	45.22	7.0	60.76
7.0	24.63	11.0	40.56
11.0	11.20	15.0	27.57
15.0	4.46	18.0	20.44
19.0	1.67	21.0	14.39
24.0	.09	25.0	9.45
28.0	.02	29.0	5.02
32.0	0.00	33.0	2.06
36.0	0.00	38.0	.54
42.0	0.00	42.0	.11
46.0	0.00	46.0	.04

Table 4 (continued). CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 13

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	85.64	3.0	91.06
4.0	63.78	7.0	74.33
7.0	37.25	11.0	53.10
11.0	12.84	15.0	35.98
15.0	4.79	18.0	25.65
19.0	1.17	21.0	17.48
24.0	0.00	25.0	9.12
28.0	0.00	29.0	4.57
32.0	0.00	33.0	1.84
36.0	0.00	38.0	.14
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 14

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	88.23	3.0	91.66
4.0	66.50	7.0	76.95
7.0	31.17	11.0	51.97
11.0	9.30	15.0	31.79
15.0	2.40	18.0	22.16
19.0	.24	21.0	15.09
24.0	.01	25.0	7.65
28.0	0.00	29.0	2.71
32.0	0.00	33.0	.60
36.0	0.00	38.0	.13
42.0	0.00	42.0	.04
46.0	0.00	46.0	.00

POSITION 15

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	87.98	3.0	91.75
4.0	71.68	7.0	80.31
7.0	39.31	11.0	60.83
11.0	14.63	15.0	39.93
15.0	4.99	18.0	28.55
19.0	2.47	21.0	19.49
24.0	.16	25.0	10.21
28.0	0.00	29.0	5.11
32.0	0.00	33.0	2.96
36.0	0.00	38.0	1.23
42.0	0.00	42.0	.68
46.0	0.00	46.0	.19

POSITION 16

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	86.55	3.0	90.80
4.0	58.60	7.0	72.21
7.0	21.21	11.0	42.82
11.0	4.87	15.0	21.71
15.0	.08	18.0	11.79
19.0	.01	21.0	6.46
24.0	0.00	25.0	2.52
28.0	0.00	29.0	1.02
32.0	0.00	33.0	.17
36.0	0.00	38.0	.05
42.0	0.00	42.0	.02
46.0	0.00	46.0	0.00

Table 4 (continued). CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 17

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	68.33	3.0	81.49
4.0	34.42	7.0	44.53
7.0	21.80	11.0	29.53
11.0	12.88	15.0	22.10
15.0	6.02	18.0	17.70
19.0	2.56	21.0	14.45
24.0	1.54	25.0	10.43
28.0	.88	29.0	6.82
32.0	.22	33.0	3.98
36.0	.05	38.0	2.67
42.0	.01	42.0	1.70
46.0	0.00	46.0	1.19

POSITION 18

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	81.96	3.0	88.86
4.0	55.50	7.0	65.28
7.0	27.97	11.0	42.27
11.0	9.43	15.0	26.57
15.0	2.26	18.0	17.81
19.0	.50	21.0	11.20
24.0	.01	25.0	5.67
28.0	0.00	29.0	3.16
32.0	0.00	33.0	2.03
36.0	0.00	38.0	1.02
42.0	0.00	42.0	.51
46.0	0.00	46.0	.03

POSITION 19

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	85.45	3.0	90.62
4.0	57.78	7.0	69.86
7.0	29.52	11.0	46.90
11.0	12.14	15.0	31.60
15.0	5.25	18.0	22.61
19.0	2.16	21.0	16.73
24.0	1.02	25.0	10.73
28.0	.27	29.0	5.77
32.0	.05	33.0	3.46
36.0	.02	38.0	2.03
42.0	0.00	42.0	1.33
46.0	0.00	46.0	.91

POSITION 20

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	88.18	3.0	91.92
4.0	71.35	7.0	80.58
7.0	40.36	11.0	61.83
11.0	16.62	15.0	41.96
15.0	6.42	18.0	30.20
19.0	2.31	21.0	21.16
24.0	.01	25.0	13.37
28.0	0.00	29.0	7.84
32.0	0.00	33.0	4.74
36.0	0.00	38.0	1.98
42.0	0.00	42.0	.65
46.0	0.00	46.0	.12

Table 4 (continued). CLEVELAND--ANNUAL EXPECTED VELOCITIES

POSITION 21

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	78.17	3.0	88.75
4.0	38.94	7.0	59.93
7.0	9.73	11.0	31.81
11.0	1.61	15.0	14.24
15.0	.20	18.0	7.68
19.0	.00	21.0	3.26
24.0	0.00	25.0	2.05
28.0	0.00	29.0	1.31
32.0	0.00	33.0	.66
36.0	0.00	38.0	.08
42.0	0.00	42.0	.05
46.0	0.00	46.0	.02

POSITION 22

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	52.57	3.0	70.86
4.0	22.40	7.0	26.52
7.0	9.52	11.0	16.25
11.0	1.42	15.0	10.18
15.0	.06	18.0	6.71
19.0	0.00	21.0	4.13
24.0	0.00	25.0	1.11
28.0	0.00	29.0	.17
32.0	0.00	33.0	.06
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

POSITION 23

VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN) EXCEEDS VELOCITY LEVEL	VELOCITY LEVEL --MPH	PERCENT TIME (UMEAN + 3 URMS) EXCEEDS VELOCITY LEVEL
2.0	48.40	3.0	67.44
4.0	12.56	7.0	24.09
7.0	3.44	11.0	8.58
11.0	.16	15.0	3.66
15.0	0.00	18.0	2.37
19.0	0.00	21.0	1.14
24.0	0.00	25.0	.14
28.0	0.00	29.0	.05
32.0	0.00	33.0	0.00
36.0	0.00	38.0	0.00
42.0	0.00	42.0	0.00
46.0	0.00	46.0	0.00

Table 5

SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40

Table 6. STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
101	.352	225	-.516	270	.824	225	-1.394	270
102	.243	210	-.482	285	.741	180	-1.195	285
103	.214	195	-.475	285	.756	180	-1.206	285
104	.199	180	-.461	285	.726	180	-1.243	285
105	.195	180	-.425	285	.714	195	-.942	285
106	.192	180	-.387	285	.724	165	-.963	285
107	.188	180	-.355	285	.765	165	-.822	285
108	.169	180	-.366	105	.777	165	-1.021	285
109	.362	225	-.473	270	.856	225	-1.313	270
110	.367	210	-.466	285	.853	195	-1.022	270
111	.351	195	-.470	285	.849	195	-1.091	285
112	.336	195	-.451	285	.801	195	-1.041	285
113	.358	180	-.399	285	.834	180	-.851	285
114	.358	180	-.356	285	.773	180	-.856	285
115	.347	180	-.330	285	.762	165	-.730	285
116	.305	180	-.358	105	.801	150	-.768	285
117	.340	225	-.433	285	.807	210	-1.373	285
118	.372	210	-.450	285	.882	210	-1.060	285
119	.363	210	-.448	285	.816	210	-1.064	285
120	.347	195	-.424	285	.844	180	-.814	285
121	.342	180	-.376	285	.821	210	-.691	285
122	.339	180	-.339	285	.835	165	-.593	285
123	.330	180	-.311	285	.813	165	-.626	105
124	.299	180	-.337	105	.816	180	-.734	285
125	.306	225	-.427	285	.860	225	-1.080	285
126	.362	210	-.446	285	.747	195	-1.096	285
127	.356	210	-.439	285	.813	195	-.918	285
128	.333	210	-.403	285	.851	195	-.796	285
129	.307	195	-.356	285	.821	180	-.825	285
130	.305	180	-.324	285	.782	180	-.673	285
131	.305	180	-.298	285	.769	180	-.666	285
132	.290	180	-.306	105	.754	180	-.761	90
133	.238	240	-.439	285	.661	210	-1.234	285
134	.248	210	-.460	285	.743	210	-1.187	285
135	.257	210	-.427	285	.746	210	-.922	285
136	.256	210	-.394	285	.726	210	-.872	285
137	.271	210	-.340	285	.688	180	-.772	285
138	.268	210	-.325	285	.686	180	-1.017	285
139	.266	180	-.305	285	.643	180	-.736	105
140	.252	180	-.333	105	.592	180	-.975	105
141	.255	210	-.356	285	.635	195	-.754	285
142	.184	240	-.401	285	.676	240	-.982	285
143	.335	210	-.312	285	.919	210	-.652	285
144	.288	180	-.293	285	.695	180	-.713	285
201	.216	150	-.280	285	.753	150	-.686	45
202	.230	135	-.263	285	.731	165	-.694	45
203	.258	105	-.258	285	.671	120	-.810	45
204	.275	120	-.250	285	.925	135	-.853	45
205	.127	135	-.231	285	.667	135	-.596	45
206	.125	135	-.226	300	.765	225	-.564	285

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
207	.304	150	-.301	285	.849	150	-.893	45
208	.315	150	-.278	285	.814	135	-.582	285
209	.342	135	-.255	285	.841	165	-.517	60
210	.360	135	-.244	285	1.045	120	-.536	210
211	.301	180	-.236	285	.824	150	-.460	270
212	.322	180	-.227	285	.889	210	-.459	270
213	.261	150	-.285	285	.802	165	-.639	285
214	.300	150	-.266	285	.883	165	-.524	285
215	.340	135	-.261	285	.866	165	-.525	270
216	.357	135	-.251	285	1.011	165	-.491	285
217	.343	180	-.229	285	.816	165	-.392	285
218	.366	180	-.216	300	.897	195	-.368	285
219	.225	180	-.274	285	.717	165	-.577	285
220	.272	180	-.254	285	.742	150	-.506	285
221	.290	180	-.249	285	.872	150	-.469	285
222	.312	180	-.229	285	.828	150	-.391	285
223	.330	180	-.226	315	.771	180	-.469	225
224	.343	180	-.223	315	.930	195	-.373	285
225	.225	180	-.275	285	.627	180	-.684	285
226	.255	180	-.251	285	.661	180	-.550	285
227	.274	180	-.242	285	.781	180	-.501	285
228	.286	180	-.228	315	.746	180	-.446	285
229	.312	180	-.231	315	.744	180	-.378	285
230	.323	180	-.223	315	.757	195	-.331	315
231	.304	180	-.231	315	.716	180	-.484	285
232	.316	180	-.227	315	.818	150	-.485	285
301	.142	135	-.264	285	.719	165	-.818	240
302	.130	195	-.267	285	.664	210	-.907	240
303	.183	210	-.268	315	.814	225	-.902	240
304	.243	225	-.308	315	.842	225	-.903	315
305	.322	180	-.262	315	.862	150	-.556	285
306	.332	180	-.257	285	1.062	195	-.658	285
307	.328	195	-.271	315	.873	210	-.626	285
308	.326	225	-.295	315	.966	210	-.717	300
309	.374	180	-.262	315	.951	150	-.412	285
310	.377	180	-.256	315	.859	180	-.441	285
311	.375	195	-.275	315	.868	210	-.491	270
312	.324	225	-.306	315	1.047	210	-.516	315
313	.367	180	-.261	315	1.008	180	-.376	315
314	.371	180	-.256	315	1.079	180	-.390	285
315	.357	180	-.275	315	1.013	180	-.425	285
316	.267	225	-.305	315	.901	180	-.813	165
317	.320	180	-.268	315	.807	180	-.371	315
318	.321	180	-.262	315	.928	180	-.387	285
319	.292	180	-.279	315	.812	180	-.481	285
320	.209	135	-.385	315	.636	225	-.682	165
321	.321	180	-.269	315	.883	165	-.386	315
322	.337	180	-.257	315	.862	165	-.379	315
401	.137	225	-.341	315	.650	180	-.865	315
402	.170	165	-.311	315	.758	165	-.715	300

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
403	.159	165	-.307	315	.688	165	-.958	315
404	.175	165	-.298	315	.595	165	-.806	315
405	.196	165	-.307	315	.646	150	-.788	300
406	.201	150	-.314	315	.702	150	-.806	300
407	.298	135	-.318	315	.771	135	-1.163	300
408	.262	180	-.292	315	.820	150	-.649	315
409	.303	180	-.289	315	.877	165	-.695	315
410	.300	165	-.299	315	.840	165	-.670	315
411	.313	165	-.306	315	.939	165	-.741	300
412	.318	165	-.298	315	.887	165	-.695	300
413	.323	135	-.308	315	.827	150	-.747	300
414	.347	135	-.319	315	.840	150	-.862	315
415	.300	180	-.302	315	.815	165	-.642	165
416	.340	180	-.283	315	.830	165	-.482	285
417	.325	180	-.296	315	.857	180	-.496	285
418	.306	180	-.304	315	.836	180	-.493	285
419	.300	165	-.302	315	.835	150	-.456	315
420	.302	135	-.292	315	.813	150	-.583	90
421	.302	135	-.300	315	.790	135	-.928	105
422	.228	180	-.297	315	.737	180	-.516	270
423	.257	180	-.287	315	.844	165	-.515	270
424	.246	165	-.282	315	.740	180	-.423	270
425	.258	165	-.293	315	.733	150	-.437	315
426	.248	135	-.300	315	.758	165	-.462	315
427	.268	135	-.302	315	.776	135	-.519	90
428	.265	135	-.291	315	.791	135	-.921	90
429	.208	135	-.288	315	.646	150	-.500	165
430	.198	135	-.291	315	.631	195	-.404	315
431	.217	120	-.268	315	.595	150	-.575	285
432	.140	135	-.305	315	.500	165	-.436	285
433	.141	135	-.295	315	.503	195	-.444	315
434	.169	135	-.305	315	.495	135	-.518	180
435	.189	135	-.309	315	.650	135	-.612	165
436	.229	135	-.292	315	.808	150	-.589	165
501	.383	105	-.806	165	.960	90	-2.381	165
502	.382	105	-.670	165	.822	90	-1.480	165
503	.335	105	-.533	165	.766	90	-1.286	180
504	.319	105	-.490	180	.796	90	-1.087	180
505	.216	105	-.460	180	.749	90	-1.254	210
506	.059	90	-.510	30	.664	60	-1.871	15
507	.402	105	-.739	165	.815	120	-1.757	150
508	.429	105	-.687	165	.835	105	-1.622	165
509	.390	105	-.559	165	.839	105	-1.218	165
510	.352	105	-.481	180	.859	105	-.998	165
511	.215	105	-.465	180	.676	105	-1.368	30
512	-.009	90	-.521	30	.601	90	-1.355	30
513	.358	105	-.722	165	.813	105	-1.670	165
514	.353	105	-.680	165	.777	105	-1.615	165
515	.308	105	-.586	165	.775	105	-1.261	165
516	.271	105	-.462	180	.712	105	-1.092	165

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
517	.150	10 E	-.461	210	.505	105	-1.251	30
518	-.017	90	-.492	210	.331	60	-1.359	30
519	.105	105	-.735	165	.652	120	-1.593	165
520	.170	105	-.603	165	.564	90	-1.491	165
521	.161	10 E	-.496	165	.557	105	-1.259	165
522	.141	105	-.405	180	.518	105	-1.124	0
523	.056	105	-.421	0	.452	105	-1.145	0
524	-.023	90	-.418	0	.232	105	-1.194	0
525	.061	105	-.667	165	.419	120	-1.497	165
526	.033	90	-.621	165	.283	90	-1.437	165
527	.024	90	-.469	165	.215	90	-1.077	165
528	.021	90	-.408	180	.195	90	-1.014	180
529	-.002	90	-.402	0	.180	90	-1.345	0
530	-.034	90	-.460	0	.170	90	-1.388	0
531	.056	10 E	-.463	165	.340	105	-.867	165
601	.233	30	-.361	165	.885	30	-.948	210
602	.248	30	-.364	165	.905	15	-.820	195
603	.257	345	-.355	165	.861	30	-.752	180
604	.281	345	-.354	165	1.010	15	-.734	315
605	.194	345	-.387	315	.882	30	-1.149	315
606	.108	30	-.357	165	.740	30	-.728	165
607	.226	345	-.343	165	.842	30	-.672	165
608	.327	345	-.342	165	.978	30	-.778	315
609	.351	345	-.356	165	.908	30	-.754	315
610	.312	345	-.384	315	.918	0	-.807	315
611	.017	15	-.347	165	.672	30	-.756	315
612	.196	345	-.342	165	.697	0	-.634	315
613	.258	345	-.359	165	.735	345	-.628	315
614	.293	345	-.349	165	.827	15	-.671	315
615	.283	345	-.336	315	.846	345	-.616	315
616	-.004	15	-.334	180	.563	15	-.730	315
617	.134	345	-.340	135	.652	15	-.701	315
618	.219	345	-.357	165	.756	345	-.761	315
619	.267	345	-.342	150	.735	345	-.719	315
620	.289	345	-.340	210	.800	345	-.650	210
621	-.030	0	-.387	210	.479	0	-.802	105
622	.079	345	-.382	210	.577	0	-.788	315
623	.099	345	-.364	210	.619	0	-.692	315
624	.154	345	-.359	210	.644	0	-.748	315
625	.123	345	-.365	210	.621	0	-.779	330
701	.199	30	-.387	315	.865	15	-1.126	120
702	.180	30	-.389	315	.816	30	-1.081	120
703	.184	30	-.384	315	.801	30	-.828	120
704	.200	30	-.376	165	.829	30	-.944	135
705	.214	0	-.390	165	.554	30	-.631	315
706	.292	0	-.341	165	.994	30	-.890	120
707	.259	30	-.378	315	.995	30	-.865	315
708	.242	30	-.388	315	.814	30	-.748	315
709	.251	30	-.384	315	.919	30	-.660	315
710	.231	0	-.399	315	.877	30	-.673	315

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
711	.278	0	-.386	315	.829	30	-.660	315
712	.280	0	-.395	165	.926	0	-.704	165
713	.290	345	-.346	165	.779	345	-.543	165
714	.270	345	-.350	165	.808	345	-.594	315
715	.203	345	-.372	315	.774	345	-.618	315
716	.188	15	-.383	195	.785	345	-.638	195
717	.197	15	-.378	165	.815	0	-.691	195
718	.179	0	-.397	165	.778	0	-.733	165
719	.252	345	-.345	165	.754	345	-.563	210
720	.203	345	-.368	165	.679	345	-.650	315
721	.179	345	-.377	165	.717	345	-.777	315
722	.165	15	-.381	195	.612	345	-.711	315
723	.185	15	-.390	195	.635	345	-.749	195
724	.148	15	-.398	195	.732	15	-.828	195
725	.117	345	-.372	165	.479	0	-.742	105
726	.126	345	-.384	135	.557	345	-.900	105
727	.145	345	-.387	135	.547	345	-.674	315
728	.169	345	-.356	165	.581	345	-.658	195
729	.135	345	-.412	195	.599	30	-.889	195
730	.125	15	-.392	195	.907	15	-.747	195
731	.086	30	-.381	165	.397	30	-.680	135
732	.092	30	-.380	165	.510	105	-.656	165
733	.161	15	-.343	195	.631	45	-.678	195
734	.139	15	-.378	195	.574	0	-.693	195
735	.117	30	-.394	165	.645	30	-.666	165
736	.173	15	-.371	195	.733	45	-.802	195
737	.190	15	-.355	195	.775	105	-.764	195
801	-.137	255	-.474	0	.472	45	-1.672	30
802	-.144	255	-.381	120	.269	45	-1.467	30
803	-.114	15	-.377	180	.166	60	-.927	120
804	-.072	255	-.371	165	.239	255	-.742	45
805	-.080	75	-.367	165	.217	270	-.762	195
806	.129	315	-.337	165	.515	285	-.740	150
807	.235	315	-.390	195	.728	315	-.732	195
808	.293	315	-.493	195	.762	330	-.824	165
809	.300	315	-.557	195	.940	285	-.908	225
810	.313	285	-.557	195	.791	345	-.961	210
811	.389	285	-.548	195	.919	285	-1.263	225
812	.411	285	-.525	195	.877	270	-1.202	225
813	-.135	255	-.488	0	.315	45	-1.493	120
814	-.132	75	-.347	165	.235	45	-1.112	45
815	-.108	75	-.356	165	.118	45	-.808	120
816	-.092	75	-.346	165	.143	255	-.663	120
817	-.079	75	-.334	165	.189	255	-.690	120
818	.114	315	-.301	120	.500	285	-.665	195
819	.279	315	-.353	195	.772	315	-.689	195
820	.371	315	-.481	195	.880	315	-.777	195
821	.377	315	-.557	195	.969	315	-.835	210
822	.397	285	-.545	195	.910	315	-1.057	225
823	.423	285	-.541	195	.995	285	-.993	225

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
824	.345	285	-.525	195	.826	285	-.976	225
825	-.124	255	-.480	15	.289	45	-1.383	15
826	-.127	75	-.338	180	.205	45	-1.020	0
827	-.101	75	-.345	180	.179	120	-.792	15
828	-.075	75	-.347	180	.180	195	-.661	120
829	-.061	75	-.334	180	.197	270	-.626	120
831	.238	315	-.429	195	.685	315	-.857	0
832	.334	315	-.543	195	.812	315	-.899	195
833	.321	315	-.561	195	.758	330	-.961	210
834	.330	285	-.524	195	.787	295	-.968	210
835	.308	285	-.525	195	.847	285	-1.218	225
836	.195	285	-.516	210	.688	285	-1.240	225
837	-.137	75	-.453	15	.261	45	-1.593	0
838	-.113	75	-.325	180	.164	60	-1.110	45
839	-.082	75	-.334	180	.178	120	-.721	30
840	-.058	75	-.334	180	.176	120	-.589	195
841	-.045	75	-.345	195	.202	120	-.724	195
842	.111	270	-.431	195	.427	285	-.790	195
843	.202	270	-.515	195	.643	315	-.895	210
844	.281	270	-.546	195	.791	315	-.892	195
845	.260	315	-.540	195	.759	330	-.881	210
846	.233	285	-.564	210	.628	285	-1.094	210
847	.149	285	-.563	210	.589	0	-1.758	210
848	.023	285	-.537	210	.532	0	-1.367	225
849	-.078	75	-.339	180	.255	45	-1.190	15
850	-.069	75	-.332	180	.227	45	-.799	60
851	-.052	75	-.319	180	.286	120	-.827	30
852	-.044	75	-.338	180	.292	120	-.646	195
853	-.035	75	-.358	195	.211	120	-.683	195
854	.131	270	-.441	195	.488	270	-.793	195
855	.209	270	-.472	195	.542	315	-.861	195
856	.274	270	-.502	195	.712	315	-.980	210
857	.197	270	-.505	195	.604	0	-.968	210
858	.126	0	-.538	210	.722	0	-1.287	210
859	.075	0	-.557	210	.628	0	-1.332	210
860	.003	105	-.552	210	.419	240	-1.465	210
861	.139	0	-.559	210	.775	0	-1.456	210
862	-.006	75	-.311	180	.236	135	-.641	30
863	.095	270	-.338	195	.359	270	-.589	180
864	.299	270	-.461	195	.695	270	-.881	195
865	.353	285	-.417	195	.967	285	-.678	195
901	-.081	75	-.653	225	.252	45	-1.518	270
902	-.007	75	-.557	195	.320	45	-1.182	285
903	-.026	30	-.846	120	.402	30	-1.640	210
904	-.014	90	-.539	165	.173	90	-1.282	195
905	-.027	90	-.439	30	.302	60	-1.473	0
906	-.014	75	-.540	195	.203	60	-1.252	195
907	-.001	90	-.580	285	.261	120	-1.219	165
908	-.601	75	-.671	270	.174	45	-1.464	225
1001	.088	240	-.468	285	.335	240	-1.246	285

Table 6 (continued). STATE OFFICE BUILDING CLEVELAND, OHIO

LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
1002	-.024	75	-.484	165	.112	90	-1.026	165
1003	-.014	90	-.348	165	.176	105	-.719	165
1004	-.022	75	-.319	330	.138	90	-.859	0

Table 7. MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
101	270	1.394	34.85
102	285	1.195	29.87
103	285	1.206	30.15
104	285	1.243	31.08
105	285	.942	23.55
106	285	.963	24.07
107	285	.822	20.55
108	285	1.021	25.52
109	270	1.313	32.83
110	270	1.022	25.55
111	285	1.091	27.27
112	285	1.041	26.02
113	285	.851	21.27
114	285	.856	21.40
115	165	.762	19.05
116	150	.801	20.02
117	285	1.373	34.32
118	285	1.060	26.50
119	285	1.064	26.60
120	180	.844	21.10
121	210	.821	20.52
122	165	.835	20.87
123	165	.813	20.32
124	180	.816	20.40
125	285	1.080	27.00
126	285	1.096	27.40
127	285	.918	22.95
128	195	.851	21.27
129	285	.825	20.62
130	180	.782	19.55
131	180	.769	19.22
132	90	.761	19.02
133	285	1.234	30.85
134	285	1.187	29.67
135	285	.922	23.05
136	285	.872	21.80
137	285	.772	19.30
138	285	1.017	25.43
139	105	.736	18.40
140	105	.975	24.38
141	285	.754	18.85
142	285	.982	24.55
143	210	.919	22.97
144	285	.713	17.82
201	150	.753	18.82
202	165	.731	18.27
203	45	.810	20.25
204	135	.925	23.13
205	135	.667	16.67
206	225	.765	19.12

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAF NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
207	45	.893	22.32
208	135	.814	20.35
209	165	.841	21.02
210	120	1.045	26.12
211	150	.824	20.60
212	210	.889	22.22
213	165	.802	20.05
214	165	.883	22.07
215	165	.866	21.65
216	165	1.011	25.27
217	165	.816	20.40
218	195	.897	22.42
219	165	.717	17.92
220	150	.742	18.55
221	150	.872	21.80
222	150	.828	20.70
223	180	.771	19.27
224	195	.930	23.25
225	285	.684	17.10
226	180	.661	16.52
227	180	.701	17.52
228	180	.746	18.65
229	180	.744	18.60
230	195	.757	18.92
231	180	.716	17.90
232	150	.818	20.45
301	240	.818	20.45
302	240	.907	22.67
303	240	.902	22.55
304	315	.903	22.57
305	150	.862	21.55
306	195	1.062	26.55
307	210	.873	21.82
308	210	.966	24.15
309	150	.951	23.77
310	180	.859	21.48
311	210	.868	21.70
312	210	1.047	26.17
313	180	1.008	25.20
314	180	1.079	26.97
315	180	1.013	25.32
316	180	.901	22.52
317	180	.807	20.17
318	180	.928	23.20
319	180	.812	20.30
320	225	.636	15.90
321	165	.803	20.07
322	165	.862	21.55
401	315	.865	21.62
402	165	.758	18.95

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
403	315	.958	23.95
404	315	.806	20.15
405	300	.788	19.70
406	300	.806	20.15
407	300	1.163	29.07
408	150	.820	20.50
409	165	.877	21.92
410	165	.840	21.00
411	165	.939	23.47
412	165	.887	22.17
413	150	.827	20.67
414	315	.862	21.55
415	165	.815	20.37
416	165	.830	20.75
417	180	.857	21.42
418	180	.836	20.90
419	150	.835	20.87
420	150	.813	20.32
421	105	.928	23.20
422	180	.737	18.42
423	165	.844	21.10
424	180	.740	18.50
425	150	.733	18.32
426	165	.758	18.95
427	135	.776	19.40
428	90	.921	23.02
429	150	.646	16.15
430	195	.631	15.77
431	150	.595	14.87
432	165	.500	12.50
433	195	.503	12.57
434	180	.510	12.75
435	135	.650	16.25
436	150	.808	20.20
501	165	2.301	57.52
502	165	1.400	35.00
503	180	1.286	32.15
504	180	1.087	27.18
505	210	1.254	31.35
506	15	1.871	46.77
507	150	1.757	43.92
508	165	1.622	40.55
509	165	1.218	30.45
510	165	.998	24.95
511	30	1.368	34.20
512	30	1.355	33.87
513	165	1.670	41.75
514	165	1.615	40.37
515	165	1.261	31.52
516	165	1.092	27.30

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
517	30	1.251	31.27
518	30	1.359	33.97
519	165	1.593	39.83
520	165	1.491	37.27
521	165	1.259	31.47
522	0	1.124	28.10
523	0	1.145	28.62
524	0	1.194	29.85
525	165	1.497	37.42
526	165	1.437	35.92
527	165	1.077	26.92
528	180	1.014	25.35
529	0	1.345	33.62
530	0	1.388	34.70
531	165	.867	21.67
601	210	.948	23.70
602	15	.905	22.62
603	30	.861	21.52
604	15	1.010	25.25
605	315	1.149	28.73
606	30	.740	18.50
607	30	.842	21.05
608	30	.978	24.45
609	30	.908	22.70
610	0	.918	22.95
611	315	.756	18.90
612	0	.697	17.42
613	345	.735	18.37
614	15	.827	20.67
615	345	.846	21.15
616	315	.730	18.25
617	315	.701	17.52
618	315	.761	19.02
619	345	.735	18.37
620	345	.800	20.00
621	105	.802	20.05
622	315	.788	19.70
623	315	.692	17.30
624	315	.748	18.70
625	330	.779	19.47
701	120	1.126	28.15
702	120	1.081	27.02
703	120	.828	20.70
704	135	.944	23.60
705	315	.631	15.77
706	30	.994	24.85
707	30	.995	24.87
708	30	.814	20.35
709	30	.919	22.97
710	30	.877	21.92

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
711	30	.829	20.72
712	0	.926	23.15
713	345	.779	19.47
714	345	.808	20.20
715	345	.774	19.35
716	345	.785	19.62
717	0	.815	20.37
718	0	.778	19.45
719	345	.754	18.85
720	345	.679	16.97
721	315	.777	19.42
722	315	.711	17.77
723	195	.749	18.72
724	195	.828	20.70
725	105	.742	18.55
726	105	.900	22.50
727	315	.674	16.85
728	195	.658	16.45
729	195	.889	22.22
730	15	.907	22.67
731	135	.600	15.00
732	165	.656	16.40
733	195	.678	16.95
734	195	.693	17.32
735	165	.666	16.65
736	195	.802	20.05
737	105	.775	19.37
801	30	1.672	41.80
802	30	1.467	36.67
803	120	.927	23.17
804	45	.742	18.55
805	195	.762	19.05
806	150	.740	18.50
807	195	.732	18.30
808	165	.824	20.60
809	285	.940	23.50
810	210	.961	24.02
811	225	1.263	31.57
812	225	1.202	30.05
813	120	1.493	37.33
814	45	1.112	27.80
815	120	.808	20.20
816	120	.663	16.57
817	120	.690	17.25
818	195	.665	16.62
819	315	.772	19.30
820	315	.880	22.00
821	315	.969	24.23
822	225	1.057	26.42
823	285	.995	24.87

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
824	225	.976	24.40
825	15	1.383	34.58
826	0	1.020	25.50
827	15	.792	19.80
828	120	.661	16.52
829	120	.626	15.65
831	0	.857	21.42
832	195	.899	22.48
833	210	.961	24.02
834	210	.968	24.20
835	225	1.218	30.45
836	225	1.240	31.00
837	0	1.593	39.83
838	45	1.110	27.75
839	30	.721	18.02
840	195	.589	14.72
841	195	.724	18.10
842	195	.790	19.75
843	210	.895	22.37
844	195	.892	22.30
845	210	.881	22.02
846	210	1.094	27.35
847	210	1.758	43.95
848	225	1.367	34.17
849	15	1.190	29.75
850	60	.799	19.97
851	30	.827	20.67
852	195	.646	16.15
853	195	.683	17.07
854	195	.793	19.82
855	195	.861	21.52
856	210	.980	24.50
857	210	.968	24.20
858	210	1.287	32.17
859	210	1.332	33.30
860	210	1.465	36.62
861	210	1.456	36.40
862	30	.641	16.02
863	180	.589	14.72
864	195	.801	20.02
865	285	.967	24.17
901	270	1.518	37.95
902	285	1.102	27.55
903	210	1.640	41.00
904	195	1.202	30.05
905	0	1.473	36.82
906	195	1.252	31.30
907	165	1.219	30.48
908	225	1.464	36.60
1001	285	1.246	31.15

Table 7 (continued). MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF
STATE OFFICE BUILDING, CLEVELAND, OHIO

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
1002	165	1.026	25.65
1003	165	.719	17.98
1004	0	.859	21.48

Table 8. CLEVELAND POST OFFICE, STATE OFFICE BUILDING IN PLACE
LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
101	.024	0	-.366	180	.474	345	-1.041	180
102	.055	0	-.234	180	.636	30	-.594	60
103	.097	0	-.210	180	.650	30	-.668	30
104	.138	345	-.312	180	.746	345	-.529	180
105	.205	0	-.228	180	.706	0	-.443	30
106	.206	0	-.202	180	.803	0	-.781	30
107	.116	0	-.281	180	.538	345	-.408	180
108	.159	0	-.237	180	.590	0	-.412	30
109	.120	0	-.206	180	.598	0	-.639	30
201	-.029	15	-.247	300	.417	315	-1.190	300
202	-.039	105	-.305	210	.178	15	-.715	195
203	-.058	90	-.296	150	.324	345	-.757	150
204	.158	240	-.477	165	.594	225	-1.117	180
205	.074	315	-.205	180	.602	315	-1.036	300
206	.016	15	-.265	210	.328	15	-.504	210
207	-.038	225	-.293	150	.481	0	-.624	150
208	.271	240	-.437	165	.818	210	-1.114	165
209	.045	15	-.213	180	.498	315	-.884	345
210	.023	345	-.279	210	.312	345	-.520	195
211	.053	105	-.235	150	.323	210	-.460	315
212	.165	210	-.526	165	.491	180	-2.188	165
301	-.018	165	-.341	240	.573	180	-1.137	240
302	-.013	105	-.221	315	.558	180	-1.071	45
303	-.001	105	-.200	315	.571	165	-.709	45
304	.111	180	-.251	240	.643	180	-.779	240
305	.130	180	-.238	315	.602	165	-.606	45
306	.140	150	-.212	315	.718	180	-.504	45
307	.086	180	-.228	315	.521	195	-.775	210
308	.128	180	-.228	315	.573	180	-.399	315
309	.151	180	-.200	315	.637	180	-.389	45
401	-.052	90	-.617	300	.273	15	-1.987	300
402	-.032	105	-.543	315	.232	15	-1.180	315
403	-.033	90	-.595	210	.597	270	-1.097	195
404	-.049	90	-.716	240	.144	90	-1.520	195
405	-.065	90	-.887	315	.206	15	-1.790	315
406	-.025	105	-.332	180	.165	0	-.879	315
407	-.023	105	-.401	210	.141	90	-.956	195
408	-.034	90	-.885	210	.225	90	-1.992	210
409	-.064	255	-.488	315	.272	0	-1.085	15
410	-.027	105	-.221	180	.204	0	-.538	330
411	-.013	105	-.295	180	.404	240	-.597	180
412	-.038	90	-.604	150	.188	90	-1.247	150

Table 8 (continued). CLEVELAND POST OFFICE, STATE OFFICE BUILDING NOT IN PLACE
LARGEST AND SMALLEST PRESSURE COEFFICIENTS FOR EACH TAP

TAP NUMBER	MAXIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM MEAN PRESSURE COEFFICIENT	WIND DIRECTION	MAXIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION	MINIMUM PEAK PRESSURE COEFFICIENT	WIND DIRECTION
101	.008	345	-.190	180	.486	15	-.578	75
102	.056	0	-.181	60	.509	345	-.604	60
103	.134	300	-.172	60	.637	345	-.802	120
104	.210	345	-.181	195	.684	345	-.445	75
105	.212	0	-.168	60	.800	345	-.455	75
106	.271	300	-.194	60	.783	0	-.585	75
107	.144	345	-.180	195	.545	345	-.316	75
108	.185	0	-.173	60	.760	0	-.410	75
109	.186	300	-.185	60	.764	300	-.550	75
201	-.011	255	-.476	345	.361	300	-1.466	345
202	.022	240	-.174	30	.494	255	-.514	345
203	.078	270	-.177	30	.562	270	-.618	180
204	.139	240	-.273	195	.595	255	-.895	195
205	.010	255	-.346	0	.496	300	-1.092	345
206	.097	240	-.135	30	.588	255	-.384	345
207	.238	270	-.158	30	.909	270	-.407	180
208	.287	240	-.216	315	.781	240	-1.014	195
209	-.003	255	-.405	345	.420	300	-1.454	0
210	.085	240	-.129	45	.513	255	-.354	270
211	.215	270	-.147	30	.665	270	-.317	300
212	.155	225	-.237	180	.569	225	-1.226	180
301	.093	195	-.402	270	.685	195	-1.049	270
302	.080	165	-.336	270	.621	180	-.935	270
303	.065	180	-.216	315	.528	195	-.609	270
304	.124	195	-.350	270	.649	195	-1.328	270
305	.152	195	-.345	270	.874	195	-.836	270
306	.173	180	-.249	315	.618	180	-.481	45
307	.070	210	-.405	270	.532	195	-1.296	285
308	.129	195	-.277	315	.516	225	-.730	270
309	.165	180	-.179	315	.605	165	-.335	315
401	-.027	165	-.627	330	.325	285	-1.458	300
402	-.015	105	-.298	240	.219	270	-1.430	270
403	-.015	105	-.476	225	.135	165	-1.258	270
404	-.045	90	-.673	240	.126	90	-1.529	240
405	-.033	165	-.654	300	.271	75	-1.455	315
406	-.020	105	-.296	210	.270	285	-.768	255
407	-.016	105	-.401	240	.144	270	-.827	270
408	-.040	90	-.659	225	.174	90	-1.443	225
409	-.047	120	-.425	330	.314	15	-1.116	0
410	-.025	105	-.232	330	.193	285	-.619	345
411	-.014	105	-.173	195	.429	180	-.528	180
412	-.044	90	-.359	195	.169	90	-.877	150

Table 9. CLEVELAND POST OFFICE, STATE OFFICE BUILDING IN PLACE
 MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
101	180	1.041	26.02
102	30	.636	15.90
103	30	.668	16.70
104	345	.746	18.65
105	0	.706	17.65
106	0	.803	20.07
107	345	.538	13.45
108	0	.590	14.75
109	30	.639	15.97
201	300	1.190	29.75
202	195	.715	17.87
203	150	.757	18.92
204	180	1.117	27.92
205	300	1.036	25.90
206	210	.504	12.60
207	150	.624	15.60
208	165	1.114	27.85
209	345	.884	22.10
210	195	.520	13.00
211	315	.460	11.50
212	165	2.188	54.70
301	240	1.137	28.42
302	45	1.071	26.77
303	45	.709	17.72
304	240	.779	19.47
305	45	.606	15.15
306	180	.718	17.95
307	210	.775	19.37
308	180	.573	14.32
309	180	.637	15.93
401	300	1.987	49.67
402	315	1.180	29.50
403	195	1.097	27.42
404	195	1.520	38.00
405	315	1.790	44.75
406	315	.879	21.98
407	195	.956	23.90
408	210	1.992	49.80
409	15	1.085	27.12
410	330	.538	13.45
411	180	.597	14.93
412	150	1.247	31.17

Table 9 (continued). CLEVELAND POST OFFICE, STATE OFFICE BUILDING NOT IN PLACE
 MAXIMUM PRESSURE COEFFICIENTS AND LOADS IN PSF

TAP NUMBER	WIND DIRECTION	MAXIMUM PRESSURE COEFFICIENT (ABSOLUTE VALUE)	LOAD (PSF)
101	75	.578	14.45
102	60	.604	15.10
103	120	.802	20.05
104	345	.684	17.10
105	345	.800	20.00
106	0	.783	19.57
107	345	.545	13.62
108	0	.760	19.00
109	300	.764	19.10
201	345	1.466	36.65
202	345	.514	12.85
203	180	.618	15.45
204	195	.895	22.37
205	345	1.092	27.30
206	255	.588	14.70
207	270	.909	22.72
208	195	1.014	25.35
209	0	1.454	36.35
210	255	.513	12.82
211	270	.665	16.62
212	180	1.226	30.65
301	270	1.049	26.22
302	270	.935	23.37
303	270	.609	15.23
304	270	1.328	33.20
305	195	.874	21.85
306	180	.618	15.45
307	285	1.296	32.40
308	270	.730	18.25
309	165	.605	15.12
401	300	1.458	36.45
402	270	1.430	35.75
403	270	1.258	31.45
404	240	1.529	38.22
405	315	1.455	36.37
406	255	.768	19.20
407	270	.827	20.67
408	225	1.443	36.07
409	0	1.116	27.90
410	345	.619	15.47
411	180	.528	13.20
412	150	.877	21.92

Table 10

DIFFERENCE IN LOADS ON POST OFFICE BUILDING CAUSED BY
STATE OFFICE BUILDING, CLEVELAND

<u>Tap Number</u>	<u>PSF Load CSOB in Place</u>	<u>PSF Load CSOB Removed</u>	<u>Load Difference</u>
101	26.0	14.4	+11.6
102	15.9	15.1	+ 0.8
103	16.7	20.0	- 3.3
104	18.7	17.1	+ 1.6
105	17.7	20.0	- 2.3
106	20.1	19.6	+ 0.5
107	13.4	13.6	- 0.2
108	14.8	19.0	- 4.2
109	16.0	19.1	- 3.1
201	29.8	36.7	- 6.9
202	17.9	12.9	+ 5.0
203	18.9	15.5	+ 3.4
204	27.9	22.4	+ 5.5
205	25.9	27.3	- 1.4
206	12.6	14.7	- 2.1
207	15.6	22.7	- 7.1
208	27.9	25.4	+ 2.5
209	22.1	36.4	-14.3
210	13.0	12.8	+ 0.2
211	11.5	16.6	- 5.1
212	54.7	30.7	+24.0
301	28.4	26.2	+ 2.2
302	26.8	23.4	+ 3.4
303	17.7	15.2	+ 2.5
304	19.5	33.2	-13.7
305	15.2	21.9	- 6.7
306	18.0	15.5	+ 2.5
307	19.4	32.4	-13.0
308	14.3	18.3	- 4.0
309	15.9	15.1	+ 0.8
401	49.7	36.5	+13.2
402	29.5	35.8	- 6.3
403	27.4	31.5	- 4.1
404	38.0	38.2	- 0.2
405	44.8	36.4	+ 8.4
406	22.0	19.2	+ 2.8
407	23.9	20.7	+ 3.2
908	49.8	36.1	+13.7
409	27.1	27.9	- .8
410	13.5	15.5	- 2.0
411	14.9	13.2	+ 1.7
412	31.2	21.9	+ 9.3

APPENDIX A

PRESSURE DATA, STATE OFFICE BUILDING

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

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	-.156	.040	-.045	-.474	0	208	-.128	.030	-.028	-.235	0	405	-.153	.041	-.017	-.306
0	102	-.157	.039	-.045	-.463	0	209	-.130	.027	-.043	-.234	0	406	-.167	.049	-.003	-.393
0	103	-.151	.033	-.045	-.378	0	210	-.127	.025	-.042	-.222	0	407	-.169	.059	-.008	-.411
0	104	-.153	.030	-.046	-.324	0	211	-.123	.025	-.034	-.238	0	408	-.136	.037	-.027	-.267
0	105	-.152	.027	-.071	-.318	0	212	-.122	.024	-.039	-.207	0	409	-.130	.030	-.023	-.248
0	106	-.145	.028	-.068	-.295	0	213	-.135	.024	-.057	-.229	0	410	-.154	.028	-.023	-.255
0	107	-.141	.031	-.046	-.315	0	214	-.129	.022	-.057	-.225	0	411	-.152	.029	-.049	-.295
0	108	-.152	.037	-.043	-.471	0	215	-.126	.021	-.049	-.222	0	412	-.148	.031	-.027	-.314
0	109	-.152	.031	-.042	-.293	0	216	-.128	.021	-.049	-.215	0	413	-.150	.037	.003	-.312
0	110	-.150	.026	-.056	-.247	0	217	-.124	.020	-.056	-.191	0	414	-.170	.054	.044	-.537
0	111	-.148	.024	-.057	-.247	0	218	-.118	.020	-.049	-.184	0	415	-.143	.033	-.118	-.267
0	112	-.147	.024	-.063	-.267	0	219	-.135	.026	-.032	-.253	0	416	-.131	.026	-.025	-.208
0	113	-.148	.022	-.046	-.224	0	220	-.132	.023	-.031	-.210	0	417	-.142	.025	-.032	-.230
0	114	-.142	.023	-.029	-.239	0	221	-.136	.023	-.060	-.227	0	418	-.161	.024	-.072	-.255
0	115	-.138	.024	-.046	-.256	0	222	-.132	.022	-.051	-.227	0	419	-.164	.026	-.086	-.273
0	116	-.143	.030	-.037	-.266	0	223	-.128	.021	-.060	-.219	0	420	-.153	.033	-.052	-.207
0	117	-.152	.028	-.052	-.293	0	224	-.125	.021	-.054	-.208	0	421	-.159	.047	-.012	-.377
0	118	-.155	.023	-.062	-.244	0	225	-.159	.027	-.066	-.262	0	422	-.155	.036	-.045	-.304
0	119	-.153	.021	-.057	-.225	0	226	-.151	.024	-.057	-.241	0	423	-.148	.025	-.054	-.244
0	120	-.153	.020	-.073	-.225	0	227	-.147	.022	-.066	-.230	0	424	-.147	.023	-.062	-.226
0	121	-.154	.020	-.077	-.239	0	228	-.143	.020	-.085	-.212	0	425	-.151	.024	-.072	-.248
0	122	-.148	.021	-.074	-.233	0	229	-.136	.019	-.073	-.198	0	426	-.164	.027	-.081	-.285
0	123	-.143	.022	-.048	-.225	0	230	-.129	.019	-.066	-.198	0	427	-.155	.030	-.050	-.312
0	124	-.143	.028	-.029	-.258	0	231	-.139	.019	-.066	-.216	0	428	-.147	.039	.012	-.357
0	125	-.158	.027	-.063	-.273	0	232	-.133	.020	-.062	-.262	0	429	-.147	.025	-.072	-.262
0	126	-.163	.024	-.068	-.264	0	301	-.121	.029	-.018	-.220	0	430	-.155	.022	-.074	-.245
0	127	-.164	.022	-.100	-.250	0	302	-.112	.030	-.005	-.238	0	431	-.200	.024	-.108	-.302
0	128	-.165	.021	-.102	-.239	0	303	-.110	.031	-.000	-.295	0	432	-.167	.028	-.092	-.287
0	129	-.165	.022	-.088	-.249	0	304	-.133	.033	-.018	-.364	0	433	-.156	.028	-.079	-.292
0	130	-.161	.023	-.071	-.242	0	305	-.116	.025	-.018	-.240	0	434	-.149	.030	-.069	-.287
0	131	-.153	.025	-.054	-.264	0	306	-.110	.025	-.018	-.242	0	435	-.160	.035	-.062	-.334
0	132	-.153	.032	-.042	-.270	0	307	-.110	.026	-.015	-.255	0	436	-.152	.024	-.070	-.244
0	133	-.164	.026	-.088	-.267	0	308	-.134	.031	-.037	-.278	0	501	-.183	.088	.050	-.654
0	134	-.173	.025	-.103	-.267	0	309	-.114	.020	-.049	-.181	0	502	-.196	.093	.052	-.616
0	135	-.174	.025	-.108	-.275	0	310	-.109	.021	-.045	-.174	0	503	-.248	.112	.106	-.797
0	136	-.181	.026	-.110	-.290	0	311	-.108	.021	-.040	-.185	0	504	-.304	.119	.106	-.837
0	137	-.175	.023	-.090	-.256	0	312	-.134	.030	-.049	-.312	0	505	-.323	.121	.065	-1.008
0	138	-.174	.023	-.082	-.269	0	313	-.120	.021	-.040	-.198	0	506	-.328	.117	.049	-1.163
0	139	-.167	.025	-.066	-.264	0	314	-.115	.022	-.037	-.191	0	507	-.199	.095	.094	-.733
0	140	-.170	.030	-.054	-.287	0	315	-.116	.022	-.027	-.198	0	508	-.212	.086	.069	-.606
0	141	-.178	.029	-.091	-.375	0	316	-.149	.034	-.065	-.309	0	509	-.245	.100	.072	-.689
0	142	-.207	.064	-.034	-.633	0	317	-.126	.020	-.057	-.193	0	510	-.290	.108	.017	-.777
0	143	-.162	.026	-.071	-.320	0	318	-.123	.021	-.052	-.193	0	511	-.325	.113	-.010	-.851
0	144	-.161	.021	-.093	-.239	0	319	-.128	.021	-.044	-.201	0	512	-.327	.103	-.045	-.882
0	201	-.142	.041	-.066	-.377	0	320	-.157	.028	-.072	-.294	0	513	-.187	.078	.055	-.587
0	202	-.134	.041	-.022	-.412	0	321	-.123	.022	-.037	-.193	0	514	-.199	.080	.060	-.698
0	203	-.129	.037	-.003	-.394	0	322	-.113	.023	-.015	-.183	0	515	-.254	.100	.039	-.710
0	204	-.129	.035	-.011	-.310	0	401	-.137	.042	-.015	-.346	0	516	-.306	.111	.025	-.844
0	205	-.128	.031	-.034	-.266	0	402	-.140	.035	-.037	-.295	0	517	-.327	.118	.015	-1.079
0	206	-.127	.031	-.029	-.267	0	403	-.147	.033	-.034	-.285	0	518	-.323	.112	-.064	-1.094
0	207	-.132	.032	-.031	-.375	0	404	-.150	.037	-.037	-.334	0	519	-.178	.064	-.005	-.669

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	520	-.209	.069	-.003	-.547	0	715	.182	.125	.616	-.204	0	829	-.114	.049	.051	-.434
0	521	-.271	.099	-.017	-.820	0	716	.187	.130	.757	-.182	0	831	-.136	.072	.064	-.857
0	522	-.368	.139	-.065	-1.124	0	717	.194	.146	.815	-.189	0	832	-.133	.059	.066	-.379
0	523	-.421	.142	-.025	-1.145	0	718	.179	.181	.778	-.285	0	833	-.104	.071	.340	-.402
0	524	-.418	.132	.008	-1.194	0	719	.164	.107	.673	-.083	0	834	-.056	.085	.343	-.300
0	525	-.170	.048	-.042	-.449	0	720	.125	.105	.601	-.113	0	835	-.062	.093	.396	-.313
0	526	-.217	.060	-.027	-.535	0	721	.133	.108	.496	-.167	0	836	-.075	.076	.318	-.370
0	527	-.229	.073	.008	-.795	0	722	.134	.110	.508	-.208	0	837	-.411	.196	.083	-1.593
0	528	-.268	.108	.005	-.795	0	723	.143	.124	.552	-.234	0	838	-.253	.122	.037	-.953
0	529	-.402	.162	-.074	-1.345	0	724	.090	.147	.668	-.285	0	839	-.169	.069	.069	-.520
0	530	-.460	.162	-.127	-1.388	0	725	.056	.091	.479	-.150	0	840	-.133	.054	.066	-.416
0	531	-.262	.068	-.020	-.533	0	726	.056	.077	.386	-.233	0	841	-.089	.048	.064	-.285
0	601	.072	.152	.587	-.420	0	727	.072	.077	.386	-.216	0	842	-.082	.053	.125	-.313
0	602	.195	.171	.766	-.282	0	728	.083	.082	.435	-.315	0	843	-.120	.070	.101	-.406
0	603	.200	.169	.843	-.228	0	729	.053	.090	.439	-.304	0	844	-.094	.072	.195	-.386
0	604	.212	.166	.756	-.236	0	730	.026	.113	.717	-.236	0	845	-.006	.090	.502	-.293
0	605	.166	.169	.727	-.283	0	731	.063	.072	.385	-.246	0	846	.064	.117	.593	-.236
0	606	.028	.131	.609	-.385	0	732	.072	.076	.349	-.224	0	847	.039	.120	.589	-.274
0	607	.179	.146	.656	-.208	0	733	.100	.093	.590	-.167	0	848	.061	.094	.532	-.232
0	608	.235	.159	.719	-.165	0	734	.077	.091	.574	-.170	0	849	-.257	.133	.189	-1.057
0	609	.235	.160	.744	-.191	0	735	.090	.085	.471	-.140	0	850	-.203	.097	.059	-.746
0	610	.271	.171	.918	-.194	0	736	.110	.096	.653	-.135	0	851	-.147	.068	.098	-.466
0	611	-.017	.127	.515	-.408	0	737	.131	.094	.633	-.127	0	852	-.118	.056	.118	-.441
0	612	.150	.132	.697	-.221	0	801	-.474	.226	.474	-1.473	0	853	-.087	.048	.109	-.288
0	613	.171	.135	.698	-.145	0	802	-.184	.109	.113	-.778	0	854	-.089	.052	.136	-.300
0	614	.197	.134	.722	-.101	0	803	-.141	.062	.084	-.379	0	855	-.103	.072	.143	-.411
0	615	.223	.130	.734	-.071	0	804	-.185	.064	.622	-.490	0	856	-.017	.095	.485	-.478
0	616	-.009	.126	.531	-.373	0	805	-.179	.060	-.067	-.414	0	857	.082	.110	.604	-.306
0	617	.097	.122	.611	-.199	0	806	-.184	.060	-.012	-.490	0	858	.126	.132	.722	-.290
0	618	.135	.120	.644	-.148	0	807	-.183	.052	-.012	-.436	0	859	.075	.116	.628	-.322
0	619	.157	.114	.682	-.118	0	808	-.174	.043	.602	-.461	0	860	-.006	.088	.382	-.354
0	620	.188	.112	.641	-.100	0	809	-.155	.043	.627	-.387	0	861	.139	.118	.775	-.187
0	621	-.030	.135	.479	-.511	0	810	-.124	.053	.205	-.424	0	862	-.128	.063	.217	-.396
0	622	.042	.120	.577	-.329	0	811	-.132	.061	.185	-.369	0	863	-.074	.040	.091	-.212
0	623	.041	.112	.619	-.292	0	812	-.136	.059	.219	-.372	0	864	-.026	.065	.244	-.268
0	624	.058	.102	.644	-.214	0	813	-.480	.183	0.066	-1.298	0	865	.102	.109	.626	-.209
0	625	.033	.091	.621	-.219	0	814	-.294	.157	.109	-1.337	0	911	-.151	.046	.057	-.446
0	701	.137	.138	.638	-.221	0	815	-.175	.063	.035	-.546	0	902	-.163	.040	.022	-.340
0	702	.118	.122	.518	-.255	0	816	-.157	.049	.067	-.416	0	903	-.157	.089	.219	-.653
0	703	.145	.123	.489	-.213	0	817	-.137	.050	.019	-.360	0	904	-.332	.106	-.640	-.738
0	704	.187	.135	.669	-.221	0	818	-.133	.053	.040	-.441	0	905	-.354	.226	.259	-1.473
0	705	.214	.113	.533	-.062	0	819	-.143	.051	.051	-.426	0	906	-.163	.065	.093	-.428
0	706	.292	.177	.862	-.255	0	820	-.159	.049	.051	-.357	0	907	-.158	.043	.086	-.566
0	707	.238	.147	.817	-.116	0	821	-.149	.054	.077	-.397	0	908	-.153	.051	.077	-.586
0	708	.218	.137	.747	-.142	0	822	-.116	.063	.177	-.394	0	1001	-.175	.053	.624	-.438
0	709	.231	.136	.712	-.154	0	823	-.126	.065	.264	-.416	0	1002	-.136	.034	-.019	-.290
0	710	.231	.142	.729	-.165	0	824	-.126	.053	.210	-.372	0	1003	-.132	.049	.015	-.418
0	711	.278	.171	.818	-.191	0	825	-.456	.193	.069	-1.371	0	1004	-.275	.107	.617	-.859
0	712	.280	.193	.926	-.233	0	826	-.281	.150	.094	-1.020	0	0	0.000	0.000	0.000	0.000
0	713	.218	.127	.687	-.073	0	827	-.185	.072	.013	-.638	0	0	0.000	0.000	0.000	0.000
0	714	.210	.123	.648	-.108	0	828	-.146	.051	.042	-.379	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	101	-.174	.020	-.085	-.342	15	208	-.144	.029	-.049	-.348	15	405	-.156	.037	-.036	-.322
15	102	-.174	.026	-.082	-.288	15	209	-.140	.027	-.051	-.263	15	406	-.157	.036	-.025	-.327
15	103	-.167	.026	-.079	-.270	15	210	-.135	.025	-.029	-.250	15	407	-.158	.040	.031	-.351
15	104	-.166	.025	-.075	-.259	15	211	-.132	.025	-.032	-.246	15	408	-.149	.030	-.044	-.294
15	105	-.163	.024	-.088	-.290	15	212	-.131	.024	-.042	-.228	15	409	-.145	.027	-.049	-.245
15	106	-.155	.025	-.066	-.294	15	213	-.149	.022	-.075	-.233	15	410	-.156	.028	-.031	-.255
15	107	-.154	.029	-.059	-.293	15	214	-.143	.022	-.071	-.214	15	411	-.159	.029	-.044	-.260
15	108	-.165	.035	-.069	-.488	15	215	-.140	.021	-.066	-.209	15	412	-.155	.029	-.044	-.253
15	109	-.175	.027	-.100	-.411	15	216	-.137	.021	-.074	-.208	15	413	-.149	.031	-.023	-.281
15	110	-.174	.024	-.103	-.300	15	217	-.131	.020	-.060	-.202	15	414	-.152	.035	.021	-.322
15	111	-.167	.023	-.096	-.277	15	218	-.120	.021	-.057	-.196	15	415	-.147	.027	-.064	-.266
15	112	-.165	.023	-.099	-.270	15	219	-.146	.022	-.068	-.239	15	416	-.143	.023	-.051	-.242
15	113	-.164	.024	-.082	-.268	15	220	-.141	.020	-.074	-.213	15	417	-.151	.025	-.057	-.237
15	114	-.157	.024	-.077	-.254	15	221	-.140	.020	-.068	-.220	15	418	-.163	.026	-.067	-.257
15	115	-.152	.025	-.060	-.271	15	222	-.137	.019	-.054	-.219	15	419	-.160	.027	-.072	-.252
15	116	-.159	.030	-.066	-.320	15	223	-.135	.019	-.074	-.206	15	420	-.153	.030	-.042	-.270
15	117	-.177	.020	-.085	-.325	15	224	-.131	.019	-.062	-.202	15	421	-.148	.035	-.005	-.351
15	118	-.176	.024	-.109	-.280	15	225	-.160	.021	-.077	-.233	15	422	-.153	.026	-.074	-.247
15	119	-.169	.022	-.105	-.270	15	226	-.153	.021	-.066	-.214	15	423	-.155	.024	-.074	-.265
15	120	-.167	.021	-.108	-.251	15	227	-.150	.020	-.085	-.211	15	424	-.163	.025	-.074	-.266
15	121	-.162	.021	-.092	-.248	15	228	-.146	.020	-.088	-.208	15	425	-.163	.026	-.074	-.266
15	122	-.156	.021	-.085	-.231	15	229	-.146	.020	-.072	-.211	15	426	-.168	.027	-.072	-.286
15	123	-.152	.021	-.072	-.237	15	230	-.140	.020	-.059	-.203	15	427	-.163	.032	-.038	-.291
15	124	-.156	.025	-.079	-.280	15	231	-.149	.020	-.080	-.214	15	428	-.160	.037	-.029	-.376
15	125	-.175	.026	-.096	-.288	15	232	-.145	.020	-.077	-.208	15	429	-.158	.027	-.062	-.252
15	126	-.176	.024	-.099	-.271	15	301	-.144	.028	-.039	-.271	15	430	-.166	.025	-.074	-.257
15	127	-.172	.021	-.109	-.254	15	302	-.139	.029	-.016	-.266	15	431	-.171	.027	-.090	-.312
15	128	-.172	.020	-.091	-.234	15	303	-.137	.029	-.010	-.294	15	432	-.177	.031	-.072	-.315
15	129	-.168	.019	-.108	-.231	15	304	-.148	.032	-.011	-.462	15	433	-.163	.030	-.062	-.284
15	130	-.164	.019	-.096	-.233	15	305	-.138	.023	-.064	-.219	15	434	-.156	.033	-.039	-.299
15	131	-.158	.020	-.091	-.239	15	306	-.133	.023	-.054	-.212	15	435	-.162	.037	-.041	-.341
15	132	-.161	.025	-.068	-.316	15	307	-.133	.023	-.057	-.226	15	436	-.164	.023	-.082	-.248
15	133	-.174	.027	-.091	-.411	15	308	-.144	.025	-.046	-.240	15	501	-.143	.052	.016	-.466
15	134	-.178	.026	-.102	-.300	15	309	-.136	.020	-.072	-.229	15	502	-.143	.067	.119	-.541
15	135	-.175	.024	-.102	-.273	15	310	-.133	.020	-.062	-.234	15	503	-.149	.094	.270	-.711
15	136	-.176	.023	-.108	-.268	15	311	-.133	.021	-.062	-.226	15	504	-.174	.121	.185	-.717
15	137	-.172	.020	-.112	-.243	15	312	-.141	.024	-.075	-.234	15	505	-.255	.157	.208	-.979
15	138	-.170	.020	-.102	-.242	15	313	-.139	.019	-.077	-.203	15	506	-.415	.213	.265	-1.871
15	139	-.166	.020	-.092	-.250	15	314	-.137	.019	-.069	-.201	15	507	-.148	.047	.044	-.502
15	140	-.171	.022	-.077	-.260	15	315	-.137	.020	-.059	-.204	15	508	-.154	.057	.059	-.423
15	141	-.180	.025	-.097	-.318	15	316	-.149	.024	-.075	-.243	15	509	-.159	.083	.129	-.590
15	142	-.197	.051	-.045	-.453	15	317	-.147	.019	-.090	-.234	15	510	-.199	.125	.137	-.699
15	143	-.167	.023	-.082	-.256	15	318	-.144	.019	-.072	-.230	15	511	-.290	.170	.190	-1.235
15	144	-.167	.020	-.094	-.237	15	319	-.148	.020	-.077	-.229	15	512	-.373	.167	.154	-1.181
15	201	-.153	.036	-.034	-.367	15	320	-.162	.025	-.090	-.278	15	513	-.150	.046	.041	-.436
15	202	-.145	.036	-.022	-.313	15	321	-.148	.019	-.083	-.219	15	514	-.155	.056	.077	-.433
15	203	-.140	.036	-.017	-.322	15	322	-.141	.019	-.069	-.211	15	515	-.179	.080	.109	-.572
15	204	-.140	.035	-.020	-.397	15	401	-.149	.038	-.034	-.511	15	516	-.228	.113	.142	-.822
15	205	-.137	.031	-.022	-.299	15	402	-.150	.035	-.046	-.438	15	517	-.282	.137	.111	-1.000
15	206	-.137	.030	-.009	-.282	15	403	-.157	.041	-.036	-.497	15	518	-.327	.138	.145	-.951
15	207	-.148	.029	-.062	-.374	15	404	-.157	.041	-.018	-.454	15	519	-.157	.050	.023	-.645

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	520	-.136	.051	.060	-.468	15	715	.171	.095	.677	-.085	15	829	-.108	.042	.053	-.418
15	521	-.166	.071	.107	-.573	15	716	.188	.108	.605	-.107	15	831	-.101	.043	.096	-.324
15	522	-.218	.110	.153	-.832	15	717	.197	.126	.678	-.103	15	832	-.110	.049	.063	-.336
15	523	-.272	.128	.067	-1.035	15	718	.157	.177	.705	-.425	15	833	-.135	.051	.050	-.423
15	524	-.287	.131	.075	-.978	15	719	.186	.091	.575	-.107	15	834	-.144	.044	.111	-.303
15	525	-.162	.046	.002	-.336	15	720	.149	.082	.597	-.117	15	835	-.158	.047	.309	-.322
15	526	-.163	.056	.027	-.503	15	721	.151	.083	.513	-.113	15	836	-.151	.041	.060	-.370
15	527	-.169	.077	.047	-.645	15	722	.165	.091	.488	-.102	15	837	-.453	.179	.084	-1.454
15	528	-.178	.102	.067	-.642	15	723	.185	.114	.633	-.110	15	838	-.245	.115	.091	-.780
15	529	-.261	.139	.022	-1.125	15	724	.148	.171	.732	-.352	15	839	-.179	.059	.045	-.622
15	530	-.299	.138	.030	-1.195	15	725	.086	.067	.382	-.102	15	840	-.155	.047	.079	-.355
15	531	-.212	.055	.050	-.423	15	726	.083	.061	.373	-.127	15	841	-.105	.043	.103	-.399
15	601	-.154	.204	.868	-.425	15	727	.111	.066	.377	-.100	15	842	-.089	.043	.091	-.269
15	602	-.198	.196	.905	-.315	15	728	.126	.071	.415	-.125	15	843	-.096	.049	.084	-.319
15	603	.175	.175	.810	-.317	15	729	.121	.097	.593	-.165	15	844	-.107	.057	.127	-.357
15	604	.167	.161	1.010	-.232	15	730	.125	.157	.907	-.303	15	845	-.105	.057	.170	-.365
15	605	.120	.149	.862	-.265	15	731	.077	.661	.330	-.110	15	846	-.095	.069	.302	-.381
15	606	.089	.176	.697	-.378	15	732	.076	.062	.353	-.148	15	847	-.119	.073	.307	-.341
15	607	.190	.152	.735	-.193	15	733	.161	.104	.625	-.117	15	848	-.126	.059	.254	-.314
15	608	.219	.141	.878	-.143	15	734	.139	.698	.570	-.123	15	849	-.328	.152	.130	-1.190
15	609	.198	.131	.865	-.143	15	735	.087	.075	.463	-.163	15	850	-.199	.109	.127	-.763
15	610	.202	.130	.733	-.130	15	736	.173	.107	.667	-.100	15	851	-.169	.065	.105	-.470
15	611	.017	.130	.527	-.358	15	737	.190	.101	.702	-.085	15	852	-.158	.058	.086	-.411
15	612	.144	.112	.677	-.250	15	801	-.362	.185	.129	-1.121	15	853	-.096	.043	.099	-.273
15	613	.152	.103	.668	-.085	15	802	-.167	.117	.105	-.814	15	854	-.083	.047	.134	-.267
15	614	.167	.111	.827	-.105	15	803	-.114	.060	.111	-.446	15	855	-.097	.066	.101	-.413
15	615	.196	.116	.805	-.110	15	804	-.139	.055	.057	-.490	15	856	-.082	.083	.235	-.490
15	616	-.004	.105	.563	-.358	15	805	-.110	.060	.089	-.459	15	857	-.035	.091	.350	-.410
15	617	.077	.093	.652	-.162	15	806	-.165	.069	.019	-.658	15	858	-.023	.116	.608	-.504
15	618	.112	.092	.512	-.123	15	807	-.169	.069	.017	-.579	15	859	-.055	.111	.502	-.482
15	619	.150	.095	.592	-.107	15	808	-.163	.062	.029	-.533	15	860	-.098	.083	.307	-.396
15	620	.192	.105	.635	-.078	15	809	-.152	.050	.019	-.394	15	861	.057	.102	.504	-.259
15	621	-.040	.091	.370	-.570	15	810	-.154	.042	.033	-.432	15	862	-.114	.069	.170	-.417
15	622	.029	.081	.408	-.285	15	811	-.160	.039	.003	-.334	15	863	-.080	.043	.062	-.247
15	623	.037	.074	.412	-.205	15	812	-.162	.037	-.005	-.327	15	864	-.052	.049	.139	-.254
15	624	.074	.081	.518	-.165	15	813	-.440	.170	.063	-1.359	15	865	.085	.111	.668	-.200
15	625	.071	.088	.487	-.167	15	814	-.245	.140	.127	-.938	15	901	-.127	.050	.166	-.279
15	701	.125	.152	.865	-.258	15	815	-.168	.064	.038	-.569	15	902	-.084	.067	.218	-.286
15	702	.084	.132	.670	-.253	15	816	-.150	.045	.015	-.367	15	903	-.046	.100	.307	-.386
15	703	.087	.124	.747	-.230	15	817	-.117	.043	.055	-.399	15	904	-.221	.097	.139	-.787
15	704	.105	.121	.780	-.315	15	818	-.124	.047	.084	-.355	15	905	-.307	.198	.281	-1.438
15	705	.114	.076	.453	-.097	15	819	-.128	.050	.086	-.372	15	900	-.071	.045	.082	-.255
15	706	.170	.162	.737	-.517	15	820	-.126	.049	.026	-.427	15	907	-.135	.052	.106	-.348
15	707	.201	.119	.788	-.080	15	821	-.133	.047	.057	-.399	15	908	-.138	.041	.063	-.285
15	708	.179	.112	.678	-.112	15	822	-.148	.041	-.003	-.338	15	1001	-.161	.037	-.045	-.353
15	709	.185	.108	.680	-.132	15	823	-.164	.037	.038	-.298	15	1002	-.120	.031	-.010	-.264
15	710	.175	.110	.657	-.230	15	824	-.160	.035	-.031	-.366	15	1003	-.114	.038	.017	-.302
15	711	.187	.128	.732	-.182	15	825	-.480	.178	.087	-1.383	15	1004	-.214	.088	.007	-.701
15	712	.162	.173	.788	-.355	15	826	-.273	.134	.072	-.926	0	0	0.000	0.000	0.000	0.000
15	713	.198	.101	.692	-.060	15	827	-.194	.064	-.014	-.792	0	0	0.000	0.000	0.000	0.000
15	714	.195	.096	.718	-.065	15	828	-.152	.046	.082	-.398	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	101	-.186	.035	-.083	-.327	30	208	-.167	.041	-.011	-.371	30	405	-.179	.034	-.047	-.333
30	102	-.191	.031	-.064	-.315	30	209	-.164	.037	-.022	-.385	30	406	-.179	.036	-.054	-.364
30	103	-.187	.031	-.075	-.298	30	210	-.160	.032	-.039	-.295	30	407	-.178	.035	-.013	-.341
30	104	-.189	.032	-.084	-.316	30	211	-.154	.030	-.042	-.282	30	408	-.188	.040	-.060	-.370
30	105	-.184	.035	-.069	-.363	30	212	-.152	.028	-.045	-.259	30	409	-.177	.033	-.060	-.318
30	106	-.181	.039	-.044	-.413	30	213	-.176	.032	-.065	-.416	30	410	-.187	.031	-.070	-.351
30	107	-.183	.047	-.009	-.438	30	214	-.169	.028	-.073	-.302	30	411	-.188	.031	-.067	-.305
30	108	-.203	.056	-.026	-.550	30	215	-.160	.026	-.067	-.252	30	412	-.183	.031	-.062	-.297
30	109	-.188	.031	-.086	-.366	30	216	-.157	.025	-.083	-.256	30	413	-.173	.031	-.051	-.279
30	110	-.192	.028	-.104	-.418	30	217	-.155	.025	-.062	-.242	30	414	-.174	.032	-.024	-.282
30	111	-.189	.028	-.097	-.371	30	218	-.151	.026	-.037	-.235	30	415	-.173	.035	-.090	-.316
30	112	-.190	.029	-.097	-.316	30	219	-.173	.032	-.076	-.316	30	416	-.172	.026	-.083	-.254
30	113	-.184	.033	-.067	-.354	30	220	-.167	.026	-.069	-.243	30	417	-.177	.026	-.083	-.269
30	114	-.180	.036	-.065	-.358	30	221	-.164	.025	-.079	-.249	30	418	-.186	.026	-.099	-.297
30	115	-.179	.039	-.055	-.366	30	222	-.162	.023	-.078	-.229	30	419	-.188	.026	-.082	-.272
30	116	-.190	.044	-.039	-.397	30	223	-.154	.022	-.086	-.243	30	420	-.178	.027	-.038	-.266
30	117	-.191	.029	-.084	-.367	30	224	-.156	.022	-.079	-.224	30	421	-.170	.029	-.026	-.272
30	118	-.196	.026	-.092	-.279	30	225	-.182	.028	-.087	-.287	30	422	-.192	.037	-.077	-.349
30	119	-.194	.026	-.095	-.288	30	226	-.176	.024	-.101	-.277	30	423	-.188	.027	-.095	-.271
30	120	-.194	.026	-.084	-.304	30	227	-.171	.022	-.092	-.259	30	424	-.196	.027	-.090	-.305
30	121	-.186	.030	-.075	-.296	30	228	-.168	.021	-.093	-.246	30	425	-.194	.026	-.093	-.323
30	122	-.180	.031	-.084	-.293	30	229	-.162	.020	-.092	-.246	30	426	-.195	.026	-.086	-.321
30	123	-.175	.032	-.081	-.298	30	230	-.158	.020	-.086	-.232	30	427	-.188	.027	-.082	-.302
30	124	-.178	.036	-.053	-.324	30	231	-.168	.021	-.100	-.248	30	428	-.184	.031	-.065	-.336
30	125	-.193	.029	-.106	-.327	30	232	-.165	.020	-.097	-.237	30	429	-.194	.027	-.096	-.303
30	126	-.200	.027	-.112	-.332	30	301	-.170	.035	-.046	-.316	30	430	-.196	.024	-.108	-.279
30	127	-.198	.026	-.112	-.302	30	302	-.165	.035	-.038	-.352	30	431	-.196	.027	-.111	-.315
30	128	-.197	.026	-.103	-.288	30	303	-.163	.035	-.034	-.369	30	432	-.203	.030	-.111	-.342
30	129	-.188	.027	-.098	-.298	30	304	-.177	.038	-.041	-.362	30	433	-.193	.029	-.098	-.334
30	130	-.184	.028	-.072	-.282	30	305	-.166	.029	-.070	-.282	30	434	-.182	.029	-.072	-.354
30	131	-.175	.030	-.072	-.296	30	306	-.164	.029	-.065	-.284	30	435	-.188	.034	-.070	-.437
30	132	-.177	.034	-.075	-.329	30	307	-.162	.029	-.059	-.279	30	436	-.192	.024	-.109	-.281
30	133	-.197	.029	-.108	-.330	30	308	-.175	.033	-.067	-.331	30	501	-.153	.050	.080	-.448
30	134	-.207	.027	-.122	-.337	30	309	-.161	.025	-.070	-.253	30	502	-.145	.070	.139	-.499
30	135	-.202	.026	-.122	-.313	30	310	-.159	.025	-.077	-.251	30	503	-.134	.088	.279	-.546
30	136	-.203	.025	-.122	-.304	30	311	-.156	.026	-.064	-.258	30	504	-.118	.095	.179	-.537
30	137	-.196	.027	-.041	-.287	30	312	-.177	.035	-.070	-.334	30	505	-.189	.160	.217	-1.049
30	138	-.196	.028	-.069	-.290	30	313	-.161	.023	-.070	-.266	30	506	-.510	.344	.480	-1.843
30	139	-.186	.029	-.069	-.282	30	314	-.158	.024	-.072	-.266	30	507	-.165	.035	-.033	-.313
30	140	-.189	.032	-.053	-.349	30	315	-.157	.024	-.075	-.253	30	508	-.179	.048	.010	-.418
30	141	-.201	.024	-.103	-.287	30	316	-.182	.037	-.078	-.387	30	509	-.172	.068	.075	-.574
30	142	-.204	.029	-.115	-.362	30	317	-.169	.022	-.095	-.243	30	510	-.188	.119	.106	-.864
30	143	-.195	.024	-.120	-.274	30	318	-.168	.023	-.086	-.245	30	511	-.341	.216	.155	-1.368
30	144	-.194	.023	-.111	-.276	30	319	-.171	.024	-.086	-.264	30	512	-.521	.219	.248	-1.355
30	201	-.182	.060	.023	-.616	30	320	-.195	.031	-.090	-.334	30	513	-.174	.036	-.031	-.364
30	202	-.173	.060	.047	-.566	30	321	-.171	.024	-.088	-.258	30	514	-.182	.049	-.018	-.437
30	203	-.164	.057	.045	-.601	30	322	-.165	.024	-.082	-.246	30	515	-.205	.070	.023	-.546
30	204	-.162	.052	.012	-.601	30	401	-.186	.056	-.015	-.587	30	516	-.269	.111	.171	-.740
30	205	-.160	.044	-.025	-.407	30	402	-.183	.050	-.059	-.556	30	517	-.352	.141	.344	-1.251
30	206	-.159	.038	-.005	-.344	30	403	-.188	.045	-.033	-.465	30	518	-.415	.150	.008	-1.359
30	207	-.175	.046	-.006	-.447	30	404	-.186	.038	-.051	-.404	30	519	-.184	.041	-.044	-.440

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	520	-.163	.045	.036	-.389	30	715	.160	.115	.696	-.262	30	829	-.137	.039	.008	-.342
30	521	-.191	.059	.031	-.507	30	716	.148	.114	.734	-.212	30	831	-.125	.034	.003	-.284
30	522	-.240	.086	.042	-.588	30	717	.141	.114	.587	-.260	30	832	-.119	.035	.047	-.263
30	523	-.293	.098	.057	-.848	30	718	.071	.148	.667	-.320	30	833	-.115	.034	.045	-.269
30	524	-.306	.111	.223	-.940	30	719	.140	.094	.566	-.160	30	834	-.127	.032	.045	-.236
30	525	-.164	.034	-.058	-.306	30	720	.110	.090	.541	-.154	30	835	-.169	.037	.058	-.297
30	526	-.176	.044	-.037	-.444	30	721	.117	.096	.559	-.139	30	836	-.174	.034	-.042	-.337
30	527	-.182	.055	-.018	-.530	30	722	.121	.095	.567	-.139	30	837	-.401	.149	-.033	-1.108
30	528	-.195	.074	.071	-.658	30	723	.229	.103	.549	-.210	30	838	-.293	.127	.002	-1.098
30	529	-.262	.093	.011	-.906	30	724	.042	.131	.553	-.454	30	839	-.215	.007	.025	-.721
30	530	-.286	.096	.050	-1.023	30	725	.048	.069	.376	-.152	30	840	-.175	.045	-.023	-.517
30	531	-.225	.066	.011	-.538	30	726	.060	.068	.435	-.126	30	841	-.138	.037	.002	-.302
30	601	.233	.212	.885	-.527	30	727	.086	.066	.427	-.115	30	842	-.128	.033	-.013	-.314
30	602	.248	.196	.832	-.357	30	728	.106	.068	.540	-.092	30	843	-.119	.032	.008	-.244
30	603	.223	.177	.861	-.417	30	729	.085	.077	.599	-.150	30	844	-.110	.032	.007	-.249
30	604	.222	.169	.843	-.284	30	730	.039	.118	.549	-.414	30	845	-.106	.033	.050	-.249
30	605	.180	.170	.882	-.228	30	731	.086	.080	.397	-.113	30	846	-.112	.034	.083	-.276
30	606	.108	.200	.740	-.483	30	732	.092	.085	.412	-.126	30	847	-.157	.038	.080	-.324
30	607	.208	.177	.842	-.244	30	733	.140	.088	.630	-.154	30	848	-.166	.035	.056	-.281
30	608	.248	.169	.978	-.171	30	734	.124	.087	.569	-.139	30	849	-.312	.114	.030	-.769
30	609	.231	.164	.908	-.260	30	735	.117	.106	.645	-.160	30	850	-.247	.105	.017	-.764
30	610	.244	.163	.900	-.199	30	736	.148	.094	.622	-.154	30	851	-.190	.075	.023	-.827
30	611	.010	.153	.672	-.385	30	737	.177	.094	.653	-.115	30	852	-.164	.050	-.017	-.605
30	612	.142	.145	.674	-.281	30	801	-.473	.209	.100	-1.672	30	853	-.131	.038	.068	-.279
30	613	.160	.136	.680	-.257	30	802	-.291	.167	.690	-1.467	30	854	-.129	.035	.025	-.258
30	614	.157	.131	.708	-.207	30	803	-.183	.081	.637	-.693	30	855	-.107	.033	.061	-.203
30	615	.180	.126	.688	-.204	30	804	-.169	.054	.665	-.460	30	856	-.104	.035	.040	-.248
30	616	-.035	.111	.473	-.322	30	805	-.113	.058	.671	-.454	30	857	-.097	.041	.090	-.327
30	617	.042	.108	.596	-.229	30	806	-.137	.050	.635	-.377	30	858	-.098	.056	.251	-.327
30	618	.066	.109	.595	-.252	30	807	-.137	.051	.660	-.402	30	859	-.120	.063	.341	-.434
30	619	.096	.103	.577	-.184	30	808	-.135	.052	.661	-.342	30	860	-.149	.052	.194	-.346
30	620	.131	.103	.620	-.115	30	809	-.121	.053	.691	-.361	30	861	-.070	.067	.241	-.271
30	621	-.095	.084	.362	-.373	30	810	-.164	.055	.658	-.435	30	862	-.149	.070	.086	-.041
30	622	-.034	.089	.357	-.331	30	811	-.170	.049	.648	-.442	30	863	-.119	.037	.020	-.253
30	623	-.018	.082	.347	-.305	30	812	-.180	.043	.626	-.372	30	864	-.098	.032	.017	-.203
30	624	.015	.082	.396	-.250	30	813	-.448	.164	.108	-1.208	30	865	-.119	.042	.118	-.270
30	625	.004	.080	.375	-.263	30	814	-.335	.170	.135	-.974	30	901	-.055	.079	.236	-.427
30	701	.199	.183	.852	-.267	30	815	-.230	.104	.675	-.741	30	902	-.041	.082	.297	-.324
30	702	.180	.184	.816	-.346	30	816	-.174	.049	-.003	-.415	30	903	-.026	.105	.402	-.583
30	703	.184	.177	.801	-.343	30	817	-.131	.043	.028	-.339	30	904	-.245	.109	.163	-.735
30	704	.200	.175	.829	-.296	30	818	-.134	.040	.015	-.317	30	905	-.439	.186	.078	-1.284
30	705	.183	.114	.554	-.110	30	819	-.136	.041	.007	-.316	30	906	-.109	.056	.096	-.385
30	706	.174	.184	.994	-.425	30	820	-.134	.042	.030	-.296	30	907	-.093	.056	.108	-.319
30	707	.259	.157	.995	-.121	30	821	-.127	.041	.076	-.297	30	908	-.092	.058	.116	-.306
30	708	.242	.154	.814	-.183	30	822	-.149	.041	.080	-.322	30	1001	-.184	.031	-.073	-.297
30	709	.251	.153	.919	-.121	30	823	-.183	.040	-.040	-.334	30	1002	-.136	.033	-.007	-.282
30	710	.230	.151	.877	-.147	30	824	-.176	.036	-.037	-.334	30	1003	-.126	.034	.015	-.249
30	711	.193	.147	.829	-.304	30	825	-.418	.149	-.623	-1.042	30	1004	-.201	.069	.005	-.621
30	712	.117	.170	.845	-.446	30	826	-.315	.139	.063	-1.000	0	0	0.000	0.000	0.000	0.000
30	713	.186	.116	.706	-.097	30	827	-.234	.092	.012	-.708	0	0	0.000	0.000	0.000	0.000
30	714	.187	.117	.713	-.141	30	828	-.176	.048	-.025	-.459	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	101	-.125	.048	.342	-.360	45	208	-.137	.066	.039	-.525	45	405	-.151	.043	.027	-.346
45	102	-.127	.044	.055	-.297	45	209	-.132	.051	.037	-.439	45	406	-.159	.044	.006	-.390
45	103	-.122	.044	.063	-.326	45	210	-.133	.047	.034	-.447	45	407	-.163	.044	-.016	-.389
45	104	-.126	.045	.053	-.352	45	211	-.124	.042	.027	-.360	45	408	-.152	.047	.018	-.390
45	105	-.126	.040	.055	-.413	45	212	-.123	.040	.021	-.302	45	409	-.135	.039	.027	-.389
45	106	-.131	.051	.058	-.378	45	213	-.142	.046	-.003	-.389	45	410	-.144	.037	-.016	-.393
45	107	-.133	.057	.067	-.500	45	214	-.135	.037	-.027	-.296	45	411	-.146	.034	-.005	-.296
45	108	-.147	.062	.032	-.559	45	215	-.126	.034	-.022	-.265	45	412	-.149	.033	-.035	-.274
45	109	-.126	.047	.013	-.304	45	216	-.124	.031	-.029	-.219	45	413	-.144	.035	-.033	-.398
45	110	-.128	.041	-.003	-.310	45	217	-.121	.031	-.005	-.238	45	414	-.158	.039	-.030	-.389
45	111	-.123	.041	.016	-.300	45	218	-.120	.031	.002	-.228	45	415	-.147	.037	-.021	-.285
45	112	-.126	.041	.031	-.318	45	219	-.137	.043	-.019	-.400	45	416	-.138	.030	-.025	-.245
45	113	-.124	.044	.027	-.315	45	220	-.129	.033	-.027	-.312	45	417	-.134	.028	-.035	-.237
45	114	-.129	.047	.031	-.339	45	221	-.124	.027	-.027	-.236	45	418	-.142	.027	-.051	-.231
45	115	-.128	.051	.034	-.386	45	222	-.124	.025	-.037	-.222	45	419	-.143	.024	-.062	-.239
45	116	-.137	.053	.039	-.431	45	223	-.116	.024	-.031	-.215	45	420	-.148	.028	-.053	-.323
45	117	-.118	.042	.032	-.325	45	224	-.114	.024	-.026	-.236	45	421	-.148	.035	-.038	-.405
45	118	-.122	.037	.016	-.337	45	225	-.135	.032	-.031	-.308	45	422	-.143	.030	.008	-.463
45	119	-.117	.035	.026	-.286	45	226	-.131	.026	-.035	-.235	45	423	-.134	.024	-.045	-.220
45	120	-.119	.034	.022	-.243	45	227	-.124	.024	-.040	-.233	45	424	-.138	.022	-.062	-.215
45	121	-.119	.036	-.003	-.305	45	228	-.125	.023	-.045	-.202	45	425	-.132	.022	-.051	-.209
45	122	-.123	.037	-.010	-.334	45	229	-.125	.024	-.050	-.206	45	426	-.142	.023	-.062	-.221
45	123	-.120	.037	-.006	-.334	45	230	-.126	.024	-.043	-.212	45	427	-.148	.027	-.054	-.258
45	124	-.127	.037	-.014	-.336	45	231	-.129	.026	-.053	-.214	45	428	-.160	.034	-.038	-.288
45	125	-.121	.040	-.011	-.381	45	232	-.130	.025	-.053	-.215	45	429	-.132	.023	-.059	-.209
45	126	-.124	.036	-.029	-.254	45	301	-.138	.053	.062	-.320	45	430	-.135	.021	-.068	-.198
45	127	-.119	.034	-.026	-.246	45	302	-.137	.051	.051	-.322	45	431	-.138	.023	-.050	-.219
45	128	-.119	.032	-.024	-.236	45	303	-.130	.049	.053	-.331	45	432	-.144	.026	-.061	-.242
45	129	-.115	.030	-.016	-.246	45	304	-.143	.049	.035	-.346	45	433	-.156	.029	-.070	-.263
45	130	-.117	.029	-.014	-.260	45	305	-.128	.039	.008	-.276	45	434	-.147	.029	-.059	-.269
45	131	-.112	.028	-.032	-.247	45	306	-.130	.039	.000	-.274	45	435	-.160	.032	-.068	-.295
45	132	-.117	.028	-.024	-.262	45	307	-.123	.038	.003	-.280	45	436	-.135	.025	-.054	-.226
45	133	-.124	.039	-.022	-.479	45	308	-.137	.038	-.005	-.311	45	501	-.166	.063	.124	-.462
45	134	-.130	.037	-.029	-.485	45	309	-.121	.030	-.008	-.218	45	502	-.156	.064	.132	-.554
45	135	-.124	.034	-.031	-.379	45	310	-.121	.030	-.008	-.212	45	503	-.169	.065	.096	-.522
45	136	-.124	.031	-.043	-.281	45	311	-.116	.029	-.010	-.207	45	504	-.185	.066	.113	-.513
45	137	-.125	.031	-.037	-.268	45	312	-.137	.032	-.033	-.241	45	505	-.196	.072	.121	-.648
45	138	-.127	.030	-.043	-.236	45	313	-.117	.025	-.041	-.215	45	506	-.192	.082	.119	-.929
45	139	-.123	.029	-.035	-.225	45	314	-.117	.025	-.041	-.215	45	507	-.162	.059	.072	-.534
45	140	-.129	.028	-.039	-.241	45	315	-.113	.024	-.035	-.215	45	508	-.156	.057	.145	-.352
45	141	-.126	.030	-.027	-.252	45	316	-.140	.030	-.054	-.274	45	509	-.164	.057	.194	-.363
45	142	-.131	.033	-.029	-.275	45	317	-.121	.023	-.035	-.191	45	510	-.164	.056	.143	-.456
45	143	-.124	.030	-.032	-.251	45	318	-.121	.023	-.029	-.194	45	511	-.180	.056	.053	-.589
45	144	-.124	.027	-.031	-.236	45	319	-.118	.023	-.030	-.185	45	512	-.178	.052	.033	-.561
45	201	-.148	.077	.101	-.686	45	320	-.141	.027	-.045	-.244	45	513	-.167	.053	.123	-.414
45	202	-.146	.074	.127	-.694	45	321	-.120	.024	-.025	-.196	45	514	-.153	.049	.139	-.300
45	203	-.140	.072	.132	-.810	45	322	-.122	.025	-.021	-.199	45	515	-.162	.043	.088	-.381
45	204	-.140	.067	.129	-.853	45	401	-.143	.049	.011	-.467	45	516	-.176	.048	.123	-.510
45	205	-.139	.063	.064	-.596	45	402	-.145	.045	-.006	-.456	45	517	-.181	.047	.068	-.476
45	206	-.137	.056	.063	-.333	45	403	-.151	.047	.049	-.502	45	518	-.168	.045	.010	-.491
45	207	-.142	.069	.048	-.893	45	404	-.156	.046	.018	-.503	45	519	-.174	.051	.011	-.440

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	520	-.145	.040	.023	-.284	45	715	-.033	.089	.472	-.300	45	829	-.143	.049	.050	-.321
45	521	-.158	.037	-.035	-.297	45	716	-.023	.099	.501	-.345	45	831	-.145	.039	.019	-.300
45	522	-.174	.039	-.007	-.315	45	717	-.008	.113	.542	-.379	45	832	-.136	.039	-.023	-.305
45	523	-.172	.041	-.048	-.369	45	718	.020	.145	.607	-.516	45	833	-.118	.038	.028	-.312
45	524	-.148	.039	-.012	-.320	45	719	.010	.086	.447	-.242	45	834	-.124	.037	-.013	-.279
45	525	-.183	.043	-.065	-.381	45	720	-.032	.076	.397	-.260	45	835	-.144	.044	-.010	-.372
45	526	-.172	.041	-.037	-.362	45	721	-.022	.083	.379	-.292	45	836	-.125	.049	.063	-.420
45	527	-.182	.050	-.058	-.462	45	722	-.003	.090	.434	-.272	45	837	-.314	.170	.261	-1.136
45	528	-.163	.047	-.045	-.399	45	723	.026	.107	.522	-.320	45	838	-.186	.098	.133	-1.110
45	529	-.176	.045	-.062	-.402	45	724	.031	.131	.687	-.352	45	839	-.174	.060	.047	-.477
45	530	-.180	.043	-.063	-.397	45	725	-.027	.063	.329	-.219	45	840	-.174	.050	-.005	-.368
45	531	-.169	.041	-.055	-.359	45	726	-.058	.052	.159	-.240	45	841	-.137	.044	-.006	-.318
45	601	-.155	.069	.222	-.427	45	727	-.028	.061	.249	-.224	45	842	-.142	.038	-.010	-.365
45	602	-.136	.069	.234	-.451	45	728	-.014	.069	.277	-.269	45	843	-.138	.035	-.029	-.304
45	603	-.123	.078	.402	-.499	45	729	.006	.088	.402	-.250	45	844	-.124	.033	-.015	-.292
45	604	-.087	.084	.322	-.476	45	730	.055	.121	.576	-.516	45	845	-.110	.033	.028	-.339
45	605	-.080	.091	.435	-.489	45	731	-.048	.058	.295	-.257	45	846	-.111	.034	.050	-.269
45	606	-.160	.059	.456	-.345	45	732	-.066	.052	.205	-.257	45	847	-.134	.041	-.011	-.304
45	607	-.116	.066	.417	-.330	45	733	.086	.099	.631	-.195	45	848	-.126	.047	-.013	-.380
45	608	-.094	.078	.502	-.305	45	734	.053	.096	.496	-.217	45	849	-.207	.133	.255	-1.003
45	609	-.082	.087	.397	-.315	45	735	-.070	.066	.212	-.335	45	850	-.136	.082	.227	-.615
45	610	-.038	.098	.496	-.312	45	736	.079	.110	.733	-.205	45	851	-.145	.059	.128	-.463
45	611	-.141	.046	.082	-.309	45	737	.090	.109	.766	-.219	45	852	-.163	.051	.036	-.536
45	612	-.078	.055	.182	-.265	45	801	-.383	.220	.472	-1.555	45	853	-.127	.040	.032	-.380
45	613	-.088	.066	.220	-.292	45	802	-.208	.111	.269	-.888	45	854	-.135	.038	.018	-.378
45	614	-.067	.075	.327	-.269	45	803	-.194	.090	.130	-.714	45	855	-.121	.035	.019	-.370
45	615	-.022	.088	.425	-.230	45	804	-.207	.077	.044	-.742	45	856	-.125	.036	-.005	-.406
45	616	-.109	.043	.107	-.277	45	805	-.150	.077	.143	-.495	45	857	-.111	.033	.000	-.271
45	617	-.083	.054	.149	-.255	45	806	-.172	.060	.028	-.454	45	858	-.115	.035	.060	-.258
45	618	-.075	.059	.340	-.250	45	807	-.169	.060	.073	-.464	45	859	-.124	.040	.002	-.292
45	619	-.032	.069	.334	-.264	45	808	-.152	.063	.071	-.422	45	860	-.126	.042	-.011	-.292
45	620	.020	.085	.380	-.277	45	809	-.127	.064	.102	-.454	45	861	-.103	.037	.028	-.247
45	621	-.114	.046	.097	-.279	45	810	-.149	.059	.058	-.476	45	862	-.079	.069	.201	-.451
45	622	-.063	.062	.312	-.259	45	811	-.145	.058	.044	-.464	45	863	-.131	.038	.018	-.263
45	623	-.056	.062	.282	-.260	45	812	-.139	.057	.044	-.357	45	864	-.111	.033	.011	-.235
45	624	-.014	.071	.327	-.232	45	813	-.335	.190	.315	-1.037	45	865	-.116	.033	-.017	-.229
45	625	-.012	.077	.315	-.234	45	814	-.207	.133	.235	-1.112	45	901	-.061	.072	.252	-.330
45	701	-.064	.120	.539	-.487	45	815	-.193	.074	.118	-.563	45	902	-.059	.080	.320	-.433
45	702	-.093	.109	.504	-.377	45	816	-.192	.062	.057	-.451	45	903	-.166	.067	.109	-.500
45	703	-.064	.121	.552	-.412	45	817	-.140	.057	.044	-.367	45	904	-.189	.092	.149	-.594
45	704	-.032	.131	.554	-.425	45	818	-.156	.050	.127	-.446	45	905	-.286	.210	.255	-1.248
45	705	-.014	.094	.352	-.244	45	819	-.157	.049	.089	-.409	45	906	-.113	.087	.180	-.560
45	706	.034	.165	.689	-.457	45	820	-.144	.050	.068	-.400	45	907	-.090	.079	-.192	-.610
45	707	-.046	.088	.420	-.322	45	821	-.124	.050	.099	-.367	45	908	-.088	.072	.174	-.519
45	708	-.056	.086	.412	-.332	45	822	-.137	.047	.036	-.367	45	1001	-.125	.036	-.013	-.252
45	709	-.041	.093	.422	-.354	45	823	-.151	.050	.058	-.364	45	1002	-.132	.060	-.021	-.294
45	710	-.039	.101	.425	-.365	45	824	-.131	.052	.029	-.469	45	1003	-.127	.030	-.019	-.282
45	711	-.003	.134	.599	-.344	45	825	-.346	.190	.289	-1.180	45	1004	-.166	.050	-.015	-.456
45	712	-.009	.155	.606	-.459	45	826	-.203	.118	.205	-.816	0	0	0.000	0.000	0.000	0.000
45	713	-.007	.090	.425	-.245	45	827	-.200	.070	.067	-.532	0	0	0.000	0.000	0.000	0.000
45	714	-.011	.085	.437	-.259	45	828	-.187	.056	.063	-.464	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	101	-.101	.047	.042	-.417	60	208	-.104	.047	.034	-.523	60	405	-.108	.045	.066	-.318
60	102	-.099	.042	.050	-.333	60	209	-.106	.048	.076	-.517	60	406	-.118	.047	.077	-.355
60	103	-.095	.042	.050	-.333	60	210	-.107	.047	.048	-.527	60	407	-.128	.051	.053	-.446
60	104	-.097	.042	.040	-.509	60	211	-.099	.039	.039	-.362	60	408	-.120	.047	.018	-.335
60	105	-.096	.044	.060	-.319	60	212	-.096	.035	.040	-.275	60	409	-.103	.040	.039	-.309
60	106	-.099	.045	.058	-.317	60	213	-.106	.046	.018	-.522	60	410	-.111	.040	.027	-.380
60	107	-.101	.046	.058	-.380	60	214	-.103	.039	.002	-.424	60	411	-.111	.038	.045	-.285
60	108	-.111	.047	.045	-.403	60	215	-.098	.036	.002	-.391	60	412	-.115	.038	.042	-.265
60	109	-.104	.049	.006	-.370	60	216	-.098	.032	-.003	-.335	60	413	-.108	.038	.064	-.272
60	110	-.100	.040	.002	-.306	60	217	-.093	.028	.010	-.282	60	414	-.121	.041	.043	-.376
60	111	-.096	.039	.040	-.290	60	218	-.092	.026	.005	-.200	60	415	-.115	.036	-.011	-.243
60	112	-.096	.038	.052	-.341	60	219	-.108	.033	.008	-.266	60	416	-.111	.030	-.013	-.211
60	113	-.092	.038	.040	-.250	60	220	-.103	.029	-.003	-.216	60	417	-.101	.029	.006	-.214
60	114	-.095	.038	.043	-.303	60	221	-.095	.027	.002	-.253	60	418	-.108	.029	.011	-.225
60	115	-.094	.038	.045	-.285	60	222	-.096	.025	-.008	-.229	60	419	-.109	.033	.040	-.331
60	116	-.100	.039	.040	-.317	60	223	-.090	.023	-.011	-.213	60	420	-.114	.037	.037	-.349
60	117	-.096	.040	.035	-.312	60	224	-.088	.023	-.016	-.171	60	421	-.109	.042	.011	-.429
60	118	-.092	.032	-.008	-.240	60	225	-.105	.033	-.023	-.269	60	422	-.108	.031	-.014	-.253
60	119	-.087	.030	.003	-.238	60	226	-.101	.026	-.018	-.221	60	423	-.103	.026	-.016	-.195
60	120	-.088	.030	0.000	-.235	60	227	-.095	.023	-.026	-.171	60	424	-.107	.026	-.032	-.203
60	121	-.085	.028	.021	-.221	60	228	-.096	.022	-.029	-.176	60	425	-.099	.026	-.011	-.209
60	122	-.089	.029	.021	-.225	60	229	-.088	.021	.013	-.159	60	426	-.108	.028	.002	-.338
60	123	-.088	.028	.010	-.217	60	230	-.089	.021	.014	-.161	60	427	-.116	.035	-.003	-.352
60	124	-.094	.029	.003	-.235	60	231	-.093	.022	.011	-.164	60	428	-.125	.043	-.005	-.479
60	125	-.095	.036	.013	-.266	60	232	-.095	.022	.008	-.168	60	429	-.099	.026	-.003	-.256
60	126	-.092	.033	.003	-.256	60	301	-.101	.040	.016	-.330	60	430	-.104	.024	-.011	-.233
60	127	-.086	.030	-.003	-.203	60	302	-.102	.039	.013	-.310	60	431	-.106	.022	-.021	-.180
60	128	-.087	.029	0.000	-.188	60	303	-.094	.039	.047	-.257	60	432	-.110	.028	-.003	-.293
60	129	-.085	.027	.003	-.180	60	304	-.110	.043	.047	-.349	60	433	-.117	.029	0.000	-.306
60	130	-.087	.027	.006	-.213	60	305	-.099	.035	.011	-.249	60	434	-.107	.030	.014	-.327
60	131	-.087	.026	0.000	-.188	60	306	-.101	.035	.003	-.261	60	435	-.118	.039	-.006	-.426
60	132	-.093	.026	-.003	-.180	60	307	-.093	.035	.010	-.233	60	436	-.102	.022	-.024	-.188
60	133	-.092	.034	.023	-.287	60	308	-.109	.037	.008	-.275	60	501	-.088	.066	.265	-.415
60	134	-.092	.031	.014	-.263	60	309	-.095	.026	-.005	-.217	60	502	-.060	.082	.320	-.429
60	135	-.087	.028	0.003	-.224	60	310	-.098	.026	-.013	-.199	60	503	-.059	.091	.391	-.331
60	136	-.087	.026	-.005	-.216	60	311	-.091	.027	.006	-.196	60	504	-.044	.104	.685	-.354
60	137	-.086	.024	-.014	-.171	60	312	-.115	.036	-.011	-.278	60	505	-.057	.114	.598	-.441
60	138	-.089	.023	-.014	-.179	60	313	-.091	.022	-.023	-.182	60	506	-.051	.130	.664	-.560
60	139	-.087	.023	-.005	-.185	60	314	-.093	.023	-.023	-.187	60	507	-.093	.054	.204	-.293
60	140	-.093	.024	-.010	-.193	60	315	-.085	.023	-.014	-.175	60	508	-.082	.064	.248	-.322
60	141	-.091	.026	-.013	-.224	60	316	-.109	.031	-.031	-.222	60	509	-.082	.071	.317	-.336
60	142	-.098	.027	-.027	-.237	60	317	-.090	.020	-.013	-.162	60	510	-.071	.076	.368	-.317
60	143	-.090	.025	-.023	-.235	60	318	-.094	.020	-.018	-.171	60	511	-.089	.084	.272	-.447
60	144	-.091	.023	-.019	-.172	60	319	-.084	.020	-.014	-.164	60	512	-.105	.097	.550	-.740
60	201	-.107	.049	.072	-.362	60	320	-.103	.025	-.023	-.204	60	513	-.110	.044	.080	-.360
60	202	-.108	.050	.095	-.370	60	321	-.090	.020	-.011	-.148	60	514	-.094	.049	.145	-.331
60	203	-.106	.050	.077	-.441	60	322	-.094	.020	-.008	-.162	60	515	-.102	.053	.224	-.270
60	204	-.109	.051	.040	-.581	60	401	-.111	.057	.037	-.470	60	516	-.102	.061	.232	-.370
60	205	-.104	.047	.071	-.525	60	402	-.116	.055	.061	-.566	60	517	-.115	.067	.278	-.584
60	206	-.100	.039	.043	-.264	60	403	-.115	.050	.066	-.409	60	518	-.114	.070	.331	-.877
60	207	-.104	.048	.031	-.375	60	404	-.117	.047	.060	-.333	60	519	-.113	.041	.100	-.320

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	520	-.105	.037	.062	-.219	60	715	-.352	.068	.278	-.238	50	829	-.109	.050	.114	-.352
60	521	-.120	.035	.011	-.240	60	716	-.344	.073	.273	-.234	60	831	-.106	.046	.075	-.383
60	522	-.133	.035	-.010	-.263	60	717	-.035	.081	.322	-.266	60	832	-.105	.040	.026	-.313
60	523	-.134	.036	.176	-.273	60	718	-.036	.113	.516	-.415	60	833	-.097	.038	.026	-.323
60	524	-.114	.037	.173	-.263	60	719	-.024	.057	.214	-.225	60	834	-.089	.036	.028	-.227
60	525	-.126	.031	-.029	-.283	60	720	-.058	.052	.152	-.261	60	835	-.098	.036	.019	-.227
60	526	-.129	.031	-.026	-.279	60	721	-.057	.057	.207	-.206	60	836	-.099	.039	.019	-.333
60	527	-.126	.037	0.000	-.266	60	722	-.043	.063	.266	-.209	60	837	-.161	.086	.173	-.784
60	528	-.108	.037	.026	-.278	60	723	-.024	.076	.361	-.279	60	838	-.134	.071	.164	-.583
60	529	-.124	.038	-.005	-.307	60	724	-.026	.094	.508	-.296	60	839	-.124	.055	.122	-.526
60	530	-.131	.037	.002	-.343	60	725	-.059	.044	.156	-.229	60	840	-.114	.046	.119	-.372
60	531	-.119	.030	-.036	-.265	60	726	-.074	.041	.105	-.222	50	841	-.102	.041	.083	-.294
60	601	-.132	.094	.384	-.867	60	727	-.054	.044	.132	-.206	60	842	-.095	.038	.093	-.278
60	602	-.116	.078	.348	-.452	60	728	-.043	.050	.178	-.236	60	843	-.099	.037	.096	-.281
60	603	-.102	.079	.325	-.483	60	729	-.042	.061	.211	-.232	60	844	-.098	.036	.032	-.240
60	604	-.074	.080	.408	-.454	60	730	-.009	.082	.479	-.253	60	845	-.091	.035	.037	-.232
60	605	-.074	.083	.407	-.464	60	731	-.062	.042	.185	-.207	60	846	-.084	.033	.036	-.244
60	606	-.122	.062	.211	-.483	60	732	-.068	.040	.209	-.203	60	847	-.095	.034	.023	-.260
60	607	-.097	.063	.211	-.413	60	733	-.018	.069	.459	-.137	50	848	-.099	.034	.006	-.299
60	608	-.078	.070	.279	-.441	60	734	-.012	.066	.354	-.176	60	849	-.129	.069	.164	-.513
60	609	-.081	.077	.433	-.385	60	735	-.074	.053	.217	-.232	60	850	-.124	.066	.188	-.799
60	610	-.066	.073	.237	-.433	60	736	-.008	.073	.438	-.183	60	851	-.107	.053	.211	-.466
60	611	-.116	.044	.073	-.452	60	737	.024	.073	.459	-.165	60	852	-.106	.043	.080	-.375
60	612	-.082	.048	.203	-.346	60	801	-.244	.133	.231	-1.028	60	853	-.102	.041	.073	-.231
60	613	-.098	.052	.185	-.362	60	802	-.192	.109	.164	-.749	60	854	-.098	.038	.057	-.234
60	614	-.075	.059	.186	-.307	60	803	-.170	.100	.166	-.825	60	855	-.087	.036	.060	-.222
60	615	-.040	.067	.256	-.229	60	804	-.150	.080	.086	-.524	60	856	-.091	.035	.062	-.206
60	616	-.096	.036	.047	-.261	60	805	-.126	.068	.189	-.396	60	857	-.092	.030	.042	-.260
60	617	-.092	.042	.103	-.291	60	806	-.119	.060	.080	-.373	60	858	-.089	.029	.031	-.245
60	618	-.093	.047	.073	-.294	60	807	-.122	.060	.070	-.425	60	859	-.084	.029	0.000	-.231
60	619	-.065	.052	.165	-.307	60	808	-.117	.054	.106	-.412	60	860	-.092	.031	-.008	-.237
60	620	-.028	.061	.256	-.266	60	809	-.106	.052	.125	-.382	60	861	-.087	.029	.019	-.187
60	621	-.106	.034	.098	-.318	60	810	-.103	.050	.071	-.438	60	862	-.093	.051	.107	-.385
60	622	-.085	.040	.137	-.216	60	811	-.109	.050	.039	-.487	60	863	-.086	.038	.068	-.218
60	623	-.077	.040	.121	-.235	60	812	-.113	.062	.078	-.990	60	864	-.087	.033	.028	-.201
60	624	-.048	.045	.173	-.216	60	813	-.209	.110	.235	-.862	60	865	-.086	.026	.015	-.181
60	625	-.053	.050	.199	-.209	60	814	-.181	.103	.201	-.782	60	901	-.078	.052	.156	-.276
60	701	-.068	.095	.407	-.403	60	815	-.156	.082	.101	-.533	60	902	-.072	.058	.263	-.318
60	702	-.068	.105	.580	-.425	60	816	-.138	.066	.123	-.482	60	903	-.124	.092	.185	-.787
60	703	-.048	.109	.567	-.363	60	817	-.120	.061	.106	-.481	60	904	-.109	.063	.101	-.403
60	704	-.026	.116	.601	-.299	60	818	-.117	.055	.114	-.464	60	905	-.158	.102	.302	-.711
60	705	-.032	.080	.366	-.207	60	819	-.121	.053	.115	-.464	60	906	-.088	.063	.203	-.338
60	706	-.015	.132	.655	-.461	60	820	-.114	.048	.089	-.297	60	907	-.069	.050	.167	-.291
60	707	-.052	.077	.279	-.425	60	821	-.105	.048	.084	-.278	60	908	-.074	.057	.148	-.331
60	708	-.053	.076	.299	-.385	60	822	-.100	.046	.071	-.326	60	1001	-.095	.023	-.019	-.190
60	709	-.039	.081	.330	-.307	60	823	-.109	.047	.032	-.364	60	1002	-.107	.023	.002	-.218
60	710	-.047	.087	.400	-.367	60	824	-.104	.045	.031	-.315	60	1003	-.093	.024	-.002	-.175
60	711	-.030	.103	.469	-.296	60	825	-.183	.095	.190	-.697	60	1004	-.105	.033	.021	-.390
60	712	-.040	.118	.594	-.398	60	826	-.151	.084	.135	-.646	0	0	0.000	0.000	0.000	0.000
60	713	-.035	.066	.273	-.289	60	827	-.137	.062	.120	-.398	0	0	0.000	0.000	0.000	0.000
60	714	-.032	.065	.286	-.317	60	828	-.125	.055	.120	-.375	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	101	-.040	.038	.083	-.364	75	208	-.042	.047	.151	-.311	75	405	-.076	.053	.112	-.467
75	102	-.045	.038	.078	-.406	75	209	-.038	.051	.253	-.362	75	406	-.095	.057	.068	-.599
75	103	-.042	.041	.096	-.364	75	210	-.048	.050	.248	-.392	75	407	-.108	.064	.068	-.757
75	104	-.048	.040	.103	-.339	75	211	-.051	.039	.101	-.276	75	408	-.065	.043	.093	-.321
75	105	-.044	.041	.081	-.258	75	212	-.050	.036	.083	-.204	75	409	-.054	.042	.099	-.333
75	106	-.053	.042	.086	-.288	75	213	-.039	.034	.110	-.196	75	410	-.066	.046	.132	-.324
75	107	-.061	.044	.090	-.314	75	214	-.037	.039	.218	-.214	75	411	-.066	.045	.132	-.261
75	108	-.087	.045	.038	-.401	75	215	-.035	.040	.156	-.236	75	412	-.082	.046	.151	-.262
75	109	-.037	.028	.045	-.176	75	216	-.042	.039	.140	-.244	75	413	-.080	.050	.120	-.291
75	110	-.041	.028	.066	-.221	75	217	-.045	.034	.135	-.209	75	414	-.103	.056	.086	-.475
75	111	-.038	.031	.101	-.178	75	218	-.045	.032	.113	-.155	75	415	-.058	.039	.062	-.295
75	112	-.044	.033	.113	-.204	75	219	-.038	.031	.199	-.176	75	416	-.064	.037	.057	-.236
75	113	-.041	.035	.118	-.316	75	220	-.038	.032	.158	-.150	75	417	-.053	.037	.060	-.236
75	114	-.049	.038	.096	-.377	75	221	-.034	.034	.128	-.175	75	418	-.065	.037	.075	-.249
75	115	-.055	.039	.083	-.522	75	222	-.042	.033	.140	-.196	75	419	-.070	.039	.070	-.303
75	116	-.081	.043	.025	-.467	75	223	-.042	.031	.086	-.183	75	420	-.087	.047	.104	-.439
75	117	-.031	.027	.063	-.271	75	224	-.043	.029	.075	-.151	75	421	-.085	.051	.109	-.474
75	118	-.036	.026	.058	-.163	75	225	-.039	.029	.060	-.178	75	422	-.061	.036	.075	-.239
75	119	-.034	.026	.065	-.156	75	226	-.041	.029	.071	-.135	75	423	-.055	.033	.083	-.179
75	120	-.036	.027	.081	-.163	75	227	-.039	.030	.083	-.130	75	424	-.064	.032	.073	-.173
75	121	-.035	.029	.086	-.156	75	228	-.045	.029	.083	-.138	75	425	-.053	.032	.106	-.174
75	122	-.042	.030	.063	-.156	75	229	-.039	.028	.071	-.121	75	426	-.065	.034	.073	-.208
75	123	-.045	.030	.071	-.165	75	230	-.042	.027	.068	-.130	75	427	-.071	.041	.075	-.301
75	124	-.061	.034	.060	-.259	75	231	-.038	.029	.108	-.136	75	428	-.087	.047	.137	-.383
75	125	-.027	.029	.070	-.194	75	232	-.040	.028	.120	-.131	75	429	-.050	.035	.064	-.197
75	126	-.032	.025	.057	-.143	75	301	-.053	.044	.119	-.226	75	430	-.059	.033	.049	-.186
75	127	-.029	.025	.066	-.130	75	302	-.062	.043	.109	-.241	75	431	-.051	.034	.061	-.303
75	128	-.033	.025	.055	-.141	75	303	-.050	.043	.106	-.225	75	432	-.061	.035	.073	-.195
75	129	-.031	.025	.060	-.131	75	304	-.064	.045	.088	-.259	75	433	-.068	.037	.099	-.225
75	130	-.038	.025	.043	-.131	75	305	-.049	.041	.153	-.223	75	434	-.057	.037	.158	-.259
75	131	-.038	.026	.045	-.183	75	306	-.064	.038	.096	-.265	75	435	-.073	.044	.122	-.352
75	132	-.051	.026	.030	-.213	75	307	-.052	.038	.093	-.226	75	436	-.051	.035	.163	-.166
75	133	-.026	.029	.057	-.156	75	308	-.064	.039	.090	-.238	75	501	-.061	.065	.311	-.352
75	134	-.031	.026	.055	-.163	75	309	-.046	.034	.083	-.166	75	502	-.031	.073	.363	-.371
75	135	-.029	.026	.065	-.125	75	310	-.058	.034	.068	-.186	75	503	-.028	.080	.418	-.280
75	136	-.034	.025	.055	-.131	75	311	-.046	.034	.077	-.166	75	504	-.015	.085	.376	-.295
75	137	-.031	.023	.081	-.115	75	312	-.058	.036	.047	-.249	75	505	-.017	.095	.454	-.373
75	138	-.037	.023	.070	-.110	75	313	-.042	.033	.147	-.166	75	506	-.005	.113	.602	-.599
75	139	-.035	.024	.068	-.116	75	314	-.053	.032	.130	-.173	75	507	-.058	.056	.177	-.384
75	140	-.046	.024	.080	-.259	75	315	-.043	.033	.107	-.158	75	508	-.045	.059	.319	-.272
75	141	-.029	.023	.070	-.113	75	316	-.058	.037	.080	-.200	75	509	-.044	.062	.278	-.265
75	142	-.034	.024	.038	-.123	75	317	-.038	.032	.107	-.122	75	510	-.026	.065	.353	-.249
75	143	-.029	.022	.055	-.105	75	318	-.048	.031	.104	-.130	75	511	-.037	.074	.342	-.331
75	144	-.034	.023	.061	-.136	75	319	-.039	.031	.078	-.130	75	512	-.032	.092	.528	-.445
75	201	-.045	.048	.199	-.314	75	320	-.055	.037	.068	-.236	75	513	-.066	.052	.370	-.309
75	202	-.042	.056	.216	-.341	75	321	-.043	.029	.081	-.140	75	514	-.045	.052	.252	-.221
75	203	-.040	.058	.351	-.362	75	322	-.050	.029	.080	-.148	75	515	-.049	.053	.379	-.231
75	204	-.051	.059	.273	-.520	75	401	-.057	.047	.083	-.360	75	516	-.049	.056	.236	-.285
75	205	-.056	.047	.136	-.479	75	402	-.065	.047	.078	-.342	75	517	-.059	.061	.259	-.357
75	206	-.055	.039	.110	-.283	75	403	-.069	.047	.055	-.259	75	518	-.060	.072	.247	-.562
75	207	-.044	.040	.130	-.249	75	404	-.080	.050	.080	-.344	75	519	-.066	.045	.151	-.290

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	520	-.044	.046	.140	-.259	75	715	-.008	.081	.429	-.216	75	829	-.061	.040	.093	-.259
75	521	-.041	.045	.201	-.193	75	716	.006	.082	.467	-.216	75	831	-.053	.033	.053	-.213
75	522	-.055	.046	.245	-.242	75	717	.004	.082	.504	-.269	75	832	-.054	.031	.059	-.203
75	523	-.064	.044	.189	-.242	75	718	-.061	.080	.324	-.363	75	833	-.042	.028	.042	-.177
75	524	-.069	.049	.166	-.345	75	719	-.011	.063	.340	-.206	75	834	-.030	.025	.081	-.138
75	525	-.031	.036	.189	-.192	75	720	-.012	.064	.328	-.184	75	835	-.023	.024	.065	-.127
75	526	-.060	.031	.046	-.171	75	721	-.024	.060	.338	-.225	75	836	-.016	.024	.078	-.126
75	527	-.053	.029	.081	-.204	75	722	-.015	.057	.370	-.196	75	837	-.133	.084	.101	-.650
75	528	-.051	.030	.090	-.194	75	723	-.026	.058	.384	-.216	75	838	-.113	.081	.118	-.666
75	529	-.052	.032	.059	-.237	75	724	-.053	.064	.329	-.321	75	839	-.082	.060	.144	-.362
75	530	-.068	.035	.052	-.260	75	725	-.024	.046	.260	-.172	75	840	-.058	.039	.076	-.253
75	531	-.051	.040	.088	-.237	75	726	-.017	.054	.297	-.147	75	841	-.045	.033	.147	-.230
75	601	-.085	.110	.521	-.575	75	727	-.001	.054	.299	-.147	75	842	-.044	.030	.070	-.199
75	602	-.049	.095	.377	-.456	75	728	-.001	.058	.269	-.198	75	843	-.040	.029	.073	-.186
75	603	-.022	.087	.401	-.330	75	729	-.009	.055	.267	-.177	75	844	-.039	.026	.051	-.133
75	604	-.009	.089	.341	-.330	75	730	-.042	.053	.253	-.279	75	845	-.029	.025	.059	-.130
75	605	.008	.101	.428	-.447	75	731	-.009	.059	.264	-.183	75	846	-.021	.023	.061	-.104
75	606	-.080	.097	.313	-.578	75	732	0.000	.062	.277	-.159	75	847	-.015	.023	.067	-.109
75	607	-.050	.085	.306	-.465	75	733	.016	.061	.313	-.183	75	848	-.013	.024	.093	-.098
75	608	-.035	.081	.289	-.316	75	734	.009	.067	.304	-.191	75	849	-.078	.069	.095	-.534
75	609	-.019	.084	.269	-.281	75	735	-.010	.064	.316	-.228	75	850	-.069	.074	.197	-.689
75	610	.001	.094	.490	-.380	75	736	.009	.058	.292	-.210	75	851	-.052	.055	.120	-.377
75	611	-.070	.066	.287	-.460	75	737	.014	.067	.363	-.221	75	852	-.044	.042	.118	-.303
75	612	-.063	.064	.348	-.409	75	801	-.177	.084	.008	-.644	75	853	-.035	.033	.085	-.225
75	613	-.055	.065	.355	-.247	75	802	-.150	.076	.067	-.579	75	854	-.038	.330	.062	-.270
75	614	-.040	.069	.299	-.265	75	803	-.124	.070	.071	-.481	75	855	-.032	.027	.051	-.152
75	615	-.013	.072	.397	-.223	75	804	-.101	.053	.085	-.360	75	856	-.031	.027	.053	-.203
75	616	-.069	.047	.171	-.362	75	805	-.080	.043	.101	-.289	75	857	-.022	.025	.062	-.133
75	617	-.064	.046	.157	-.281	75	806	-.069	.037	.065	-.259	75	858	-.016	.024	.081	-.116
75	618	-.061	.050	.183	-.292	75	807	-.061	.036	.065	-.238	75	859	-.011	.023	.064	-.126
75	619	-.040	.053	.203	-.265	75	808	-.051	.034	.059	-.343	75	860	-.009	.024	.067	-.101
75	620	-.030	.057	.289	-.316	75	809	-.038	.033	.067	-.284	75	861	-.004	.024	.070	-.099
75	621	-.062	.038	.157	-.259	75	810	-.029	.032	.078	-.261	75	862	-.006	.044	.154	-.312
75	622	-.064	.042	.132	-.377	75	811	-.022	.031	.078	-.244	75	863	-.016	.028	.092	-.107
75	623	-.050	.043	.172	-.287	75	812	-.022	.036	.070	-.238	75	864	-.011	.025	.075	-.090
75	624	-.049	.046	.191	-.313	75	813	-.143	.071	.048	-.453	75	865	-.019	.026	.086	-.134
75	625	-.041	.047	.179	-.260	75	814	-.132	.068	.116	-.508	75	901	-.001	.039	.138	-.227
75	701	.070	.130	.642	-.306	75	815	-.108	.060	.079	-.362	75	902	-.007	.043	.160	-.234
75	702	.061	.125	.580	-.292	75	816	-.093	.052	.070	-.324	75	903	-.076	.081	.228	-.546
75	703	.077	.123	.603	-.279	75	817	-.078	.046	.092	-.262	75	904	-.029	.051	.147	-.242
75	704	.071	.127	.661	-.230	75	818	-.073	.039	.070	-.216	75	905	-.065	.092	.236	-.459
75	705	.061	.087	.397	-.149	75	819	-.066	.037	.076	-.205	75	906	-.014	.051	.191	-.203
75	706	.013	.127	.669	-.308	75	820	-.047	.032	.076	-.228	75	907	-.002	.043	.175	-.180
75	707	.040	.114	.522	-.240	75	821	-.039	.029	.073	-.185	75	908	-.001	.042	.155	-.152
75	708	.048	.107	.512	-.257	75	822	-.033	.028	.090	-.163	75	1001	-.009	.021	.064	-.098
75	709	.043	.104	.526	-.253	75	823	-.030	.028	.092	-.165	75	1002	-.024	.025	.064	-.141
75	710	.038	.103	.470	-.264	75	824	-.022	.028	.073	-.185	75	1003	-.018	.025	.070	-.096
75	711	.018	.107	.693	-.274	75	825	-.142	.074	.056	-.507	75	1004	-.022	.030	.106	-.213
75	712	-.039	.104	.450	-.289	75	826	-.127	.072	.076	-.501	0	0	0.000	0.000	0.000	0.000
75	713	-.001	.079	.417	-.275	75	827	-.101	.059	.090	-.359	0	0	0.000	0.000	0.000	0.000
75	714	-.005	.082	.416	-.261	75	828	-.075	.043	.065	-.290	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	101	-.022	.028	.073	-.155	90	208	.126	.093	.425	-.169	90	405	-.027	.074	.192	-.581
90	102	-.055	.032	.058	-.242	90	209	.179	.120	.754	-.138	90	406	-.068	.095	.237	-.710
90	103	-.026	.041	.097	-.282	90	210	.127	.112	.752	-.145	90	407	-.216	.158	.114	-1.150
90	104	-.050	.040	.063	-.321	90	211	.005	.050	.213	-.205	90	408	.033	.049	.194	-.264
90	105	-.047	.047	.096	-.398	90	212	.051	.049	.302	-.167	90	409	.029	.048	.173	-.283
90	106	-.068	.053	.090	-.457	90	213	-.048	.043	.125	-.195	90	410	.018	.052	.184	-.261
90	107	-.151	.074	.058	-.582	90	214	.120	.079	.452	-.119	90	411	.021	.051	.227	-.251
90	108	-.327	.111	-.073	-.911	90	215	.171	.102	.715	-.099	90	412	-.010	.059	.189	-.401
90	109	-.034	.026	.056	-.130	90	216	.128	.092	.536	-.106	90	413	-.056	.102	.195	-.513
90	110	-.045	.027	.049	-.157	90	217	.016	.053	.268	-.256	90	414	-.182	.134	.177	-.699
90	111	-.027	.029	.080	-.140	90	218	.056	.049	.237	-.177	90	415	.037	.043	.219	-.200
90	112	-.038	.032	.061	-.230	90	219	-.071	.043	.085	-.369	90	416	.030	.043	.187	-.172
90	113	-.044	.038	.084	-.225	90	220	.087	.062	.336	-.229	90	417	.025	.045	.200	-.190
90	114	-.091	.055	.097	-.367	90	221	.131	.084	.503	-.140	90	418	.013	.056	.224	-.276
90	115	-.185	.082	.038	-.508	90	222	.104	.079	.461	-.109	90	419	-.010	.069	.202	-.364
90	116	-.296	.085	-.026	-.619	90	223	.031	.052	.263	-.169	90	420	-.044	.138	.241	-.583
90	117	-.029	.028	.085	-.136	90	224	.056	.046	.251	-.087	90	421	-.134	.132	.251	-.843
90	118	-.030	.026	.068	-.135	90	225	-.067	.044	.104	-.328	90	422	.038	.045	.195	-.126
90	119	-.025	.029	.119	-.133	90	226	.053	.050	.290	-.125	90	423	.041	.040	.185	-.175
90	120	-.033	.033	.094	-.189	90	227	.084	.063	.365	-.128	90	424	.033	.041	.175	-.173
90	121	-.045	.044	.126	-.305	90	228	.070	.060	.348	-.087	90	425	.032	.046	.177	-.202
90	122	-.096	.061	.111	-.435	90	229	.043	.048	.203	-.116	90	426	.068	.057	.163	-.364
90	123	-.184	.082	.012	-.584	90	230	.047	.044	.196	-.121	90	427	-.019	.092	.234	-.513
90	124	-.275	.085	-.044	-.729	90	231	.071	.057	.360	-.080	90	428	-.084	.131	.283	-.921
90	125	-.009	.029	.089	-.102	90	232	.076	.053	.290	-.073	90	429	.042	.045	.229	-.120
90	126	-.009	.028	.102	-.101	90	301	.030	.054	.296	-.234	90	430	.050	.048	.224	-.145
90	127	-.013	.029	.102	-.114	90	302	-.009	.054	.150	-.286	90	431	.061	.044	.281	-.137
90	128	-.020	.034	.126	-.195	90	303	.016	.046	.175	-.165	90	432	.033	.039	.182	-.160
90	129	-.032	.042	.152	-.237	90	304	.013	.047	.185	-.210	90	433	.023	.041	.180	-.290
90	130	-.078	.054	.097	-.392	90	305	.057	.060	.354	-.148	90	434	.007	.052	.204	-.387
90	131	-.152	.077	.090	-.589	90	306	.002	.048	.150	-.221	90	435	-.024	.078	.342	-.513
90	132	-.238	.083	-.020	-.761	90	307	.025	.042	.172	-.162	90	436	.072	.054	.296	-.130
90	133	.004	.026	.094	-.128	90	308	.024	.044	.155	-.189	90	501	.201	.160	.960	-.237
90	134	-.002	.027	.107	-.135	90	309	.062	.053	.273	-.099	90	502	.237	.146	.822	-.195
90	135	-.003	.029	.123	-.116	90	310	.021	.050	.212	-.209	90	503	.211	.136	.766	-.114
90	136	-.016	.031	.101	-.176	90	311	.041	.045	.205	-.146	90	504	.183	.124	.796	-.121
90	137	-.019	.034	.118	-.147	90	312	.038	.047	.239	-.184	90	505	.135	.125	.749	-.153
90	138	-.055	.039	.089	-.247	90	313	.059	.047	.258	-.074	90	506	.059	.137	.599	-.328
90	139	-.104	.065	.077	-.445	90	314	.034	.047	.197	-.178	90	507	.150	.141	.751	-.247
90	140	-.248	.108	-.031	-.804	90	315	.046	.043	.199	-.125	90	508	.190	.121	.736	-.138
90	141	-.018	.031	.121	-.138	90	316	.040	.042	.180	-.120	90	509	.179	.107	.715	-.111
90	142	-.011	.022	.092	-.084	90	317	.051	.049	.241	-.093	90	510	.160	.097	.581	-.121
90	143	-.026	.028	.116	-.157	90	318	.041	.050	.259	-.104	90	511	.094	.093	.488	-.214
90	144	-.063	.038	.072	-.293	90	319	.046	.047	.254	-.099	90	512	-.009	.111	.601	-.343
90	201	-.022	.051	.189	-.205	90	320	.037	.046	.222	-.108	90	513	.133	.127	.614	-.308
90	202	.115	.099	.478	-.154	90	321	.049	.044	.224	-.081	90	514	.159	.106	.626	-.322
90	203	.150	.126	.589	-.162	90	322	.049	.045	.232	-.076	90	515	.138	.091	.556	-.313
90	204	.101	.120	.667	-.280	90	401	.023	.046	.187	-.258	90	516	.126	.086	.510	-.104
90	205	-.032	.056	.183	-.275	90	402	.013	.049	.177	-.276	90	517	.069	.073	.426	-.172
90	206	.022	.047	.210	-.305	90	403	.002	.054	.168	-.327	90	518	-.017	.077	.308	-.286
90	207	-.025	.050	.179	-.234	90	404	.003	.070	.214	-.492	90	519	.093	.101	.581	-.311

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	520	.116	.079	.564	-.089	90	715	-.012	.066	.264	-.218	90	829	-.075	.039	.073	-.292
90	521	.101	.068	.425	-.157	90	716	-0.000	.063	.253	-.243	90	831	-.085	.035	.029	-.278
90	522	.072	.061	.345	-.228	90	717	.007	.056	.253	-.183	90	832	-.080	.034	.035	-.245
90	523	.025	.048	.238	-.122	90	718	-.057	.056	.152	-.319	90	833	-.066	.031	.036	-.197
90	524	-.023	.047	.220	-.230	90	719	-.032	.052	.203	-.248	90	834	-.044	.027	.066	-.171
90	525	.053	.061	.375	-.129	90	720	-.030	.055	.231	-.266	90	835	-.044	.026	.062	-.180
90	526	.033	.049	.283	-.155	90	721	-.028	.053	.198	-.223	90	836	-.034	.028	.064	-.162
90	527	.028	.040	.215	-.169	90	722	-.012	.050	.190	-.240	90	837	-.161	.092	.030	-.822
90	528	.021	.036	.195	-.175	90	723	-.017	.048	.212	-.190	90	838	-.132	.085	.040	-.696
90	529	-.002	.037	.180	-.222	90	724	-.045	.046	.124	-.303	90	839	-.103	.057	.041	-.452
90	530	-.034	.045	.170	-.375	90	725	-.044	.070	.180	-.377	90	840	-.073	.035	.050	-.292
90	531	.053	.040	.225	-.165	90	726	-.039	.069	.188	-.362	90	841	-.060	.031	.059	-.162
90	601	-.137	.105	.152	-.760	90	727	-.016	.057	.183	-.266	90	842	-.053	.029	.069	-.169
90	602	-.125	.094	.193	-.590	90	728	-.019	.054	.248	-.281	90	843	-.066	.029	.069	-.169
90	603	-.094	.088	.255	-.483	90	729	-.023	.042	.230	-.172	90	844	-.059	.031	.090	-.167
90	604	-.073	.089	.298	-.458	90	730	-.051	.042	.162	-.223	90	845	-.048	.031	.054	-.164
90	605	-.051	.107	.380	-.653	90	731	-.027	.055	.144	-.231	90	846	-.023	.028	.071	-.157
90	606	-.108	.076	.197	-.623	90	732	.015	.043	.170	-.137	90	847	-.020	.027	.067	-.159
90	607	-.094	.073	.220	-.466	90	733	-.002	.042	.236	-.117	90	848	-.013	.027	.095	-.116
90	608	-.091	.073	.217	-.369	90	734	-.015	.046	.324	-.169	90	849	-.110	.061	.022	-.608
90	609	-.072	.073	.217	-.397	90	735	.004	.045	.190	-.169	90	850	-.114	.065	.071	-.754
90	610	-.047	.085	.387	-.322	90	736	-.019	.045	.207	-.170	90	851	-.079	.049	.069	-.383
90	611	-.071	.062	.159	-.511	90	737	.003	.052	.303	-.134	90	852	-.072	.042	.062	-.342
90	612	-.074	.061	.262	-.423	90	801	-.199	.069	-.029	-.546	90	853	-.057	.035	.066	-.250
90	613	-.079	.061	.185	-.357	90	802	-.183	.070	0.000	-.508	90	854	-.059	.033	.064	-.236
90	614	-.077	.057	.152	-.266	90	803	-.186	.074	.045	-.587	90	855	-.045	.031	.086	-.205
90	615	-.044	.057	.200	-.288	90	804	-.154	.060	.009	-.492	90	856	-.050	.032	.078	-.278
90	616	-.060	.054	.141	-.387	90	805	-.127	.048	.026	-.433	90	857	-.035	.030	.057	-.224
90	617	-.061	.052	.142	-.313	90	806	-.099	.039	.016	-.335	90	858	-.023	.028	.073	-.162
90	618	-.070	.050	.112	-.344	90	807	-.093	.036	.024	-.292	90	859	.002	.024	.090	-.100
90	619	-.055	.049	.175	-.312	90	808	-.075	.033	.033	-.281	90	860	-.001	.028	.095	-.155
90	620	-.046	.050	.169	-.255	90	809	-.059	.031	.031	-.297	90	861	.002	.026	.110	-.088
90	621	-.048	.057	.139	-.418	90	810	-.034	.028	.059	-.199	90	862	-.048	.044	.100	-.295
90	622	-.055	.051	.139	-.261	90	811	-.033	.028	.071	-.145	90	863	-.025	.028	.102	-.138
90	623	-.047	.052	.279	-.309	90	812	-.030	.030	.064	-.167	90	864	-.020	.025	.083	-.167
90	624	-.051	.059	.251	-.354	90	813	-.191	.064	-.010	-.571	90	865	-.004	.022	.084	-.069
90	625	-.051	.069	.217	-.423	90	814	-.178	.068	-.003	-.483	90	901	-.017	.046	.126	-.268
90	701	.008	.152	.689	-.871	90	815	-.164	.074	.021	-.627	90	902	-.050	.066	.150	-.573
90	702	.034	.126	.532	-.559	90	816	-.143	.070	.038	-.490	90	903	-.201	.173	.219	-1.309
90	703	.059	.111	.554	-.446	90	817	-.130	.059	.050	-.425	90	904	-.014	.057	.173	-.293
90	704	.056	.103	.511	-.496	90	818	-.116	.049	.041	-.368	90	905	-.027	.076	.205	-.628
90	705	.038	.062	.278	-.188	90	819	-.113	.044	.010	-.295	90	906	-.052	.063	.133	-.376
90	706	-.032	.077	.319	-.304	90	820	-.088	.034	.012	-.245	90	907	-.001	.052	.233	-.219
90	707	-.018	.097	.458	-.377	90	821	-.067	.029	.026	-.202	90	908	-.012	.048	.174	-.363
90	708	-.012	.097	.431	-.390	90	822	-.045	.026	.035	-.171	90	1001	-.010	.022	.076	-.090
90	709	.022	.094	.438	-.322	90	823	-.049	.025	.040	-.167	90	1002	-.063	.063	.112	-.382
90	710	.024	.086	.405	-.319	90	824	-.041	.027	.054	-.166	90	1003	-.014	.041	.131	-.230
90	711	.011	.073	.336	-.222	90	825	-.193	.086	.014	-.715	90	1004	-.023	.043	.138	-.243
90	712	-.060	.062	.188	-.304	90	826	-.168	.084	.010	-.682	0	0	0.000	0.000	0.000	0.000
90	713	-.027	.060	.273	-.192	90	827	-.139	.068	.029	-.411	0	0	0.000	0.000	0.000	0.000
90	714	-.023	.066	.279	-.235	90	828	-.088	.045	.067	-.316	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	NO	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	101	-.047	.035	.085	-.157	105	208	.237	.083	.553	-.002	105	405	.006	.038	.128	-.183
105	102	-.079	.029	.033	-.219	105	209	.346	.109	.716	-.043	105	406	-.031	.085	.157	-.549
105	103	-.025	.039	.129	-.235	105	210	.320	.133	.950	-.072	105	407	-.217	.143	.157	-.715
105	104	-.056	.036	.132	-.279	105	211	.003	.061	.276	-.189	105	408	.073	.039	.228	-.031
105	105	-.056	.048	.125	-.426	105	212	.125	.059	.361	-.018	105	409	.075	.036	.195	-.024
105	106	-.111	.076	.109	-.474	105	213	-.023	.047	.162	-.182	105	410	.075	.039	.217	-.031
105	107	-.235	.142	.072	-.621	105	214	.217	.075	.486	.015	105	411	.100	.045	.257	-.050
105	108	-.366	.085	-.140	-.828	105	215	.316	.108	.693	.015	105	412	.071	.048	.226	-.241
105	109	-.072	.034	.087	-.197	105	216	.279	.113	.728	.002	105	413	.053	.105	.294	-.481
105	110	-.062	.024	.033	-.165	105	217	.052	.053	.276	-.110	105	414	-.148	.183	.246	-.748
105	111	-.018	.030	.105	-.159	105	218	.142	.052	.339	.012	105	415	.112	.042	.269	.012
105	112	-.024	.035	.127	-.250	105	219	-.062	.054	.170	-.235	105	416	.102	.039	.231	0.000
105	113	-.026	.056	.129	-.352	105	220	.184	.067	.437	0.000	105	417	.104	.039	.241	-.035
105	114	-.101	.097	.122	-.621	105	221	.255	.089	.628	.012	105	418	.109	.044	.269	-.072
105	115	-.243	.119	.060	-.626	105	222	.207	.089	.613	-.047	105	419	.101	.052	.330	-.255
105	116	-.358	.086	-.088	-.733	105	223	.083	.052	.432	-.067	105	420	.103	.099	.375	-.531
105	117	-.061	.036	.088	-.187	105	224	.134	.044	.391	-.005	105	421	-.035	.189	.452	-.928
105	118	-.041	.024	.062	-.160	105	225	-.078	.063	.199	-.357	105	422	.121	.046	.288	-.022
105	119	-.014	.028	.137	-.225	105	226	.128	.050	.356	-.028	105	423	.123	.044	.281	-.012
105	120	-.011	.035	.147	-.324	105	227	.189	.073	.568	.007	105	424	.112	.043	.262	-.019
105	121	-.021	.064	.162	-.344	105	228	.159	.068	.501	-.037	105	425	.126	.047	.284	-.027
105	122	-.101	.104	.115	-.549	105	229	.122	.055	.321	-.040	105	426	.109	.050	.277	-.065
105	123	-.236	.124	.057	-.626	105	230	.126	.051	.317	-.035	105	427	.108	.083	.373	-.491
105	124	-.337	.091	-.047	-.691	105	231	.165	.070	.454	-.037	105	428	.044	.177	.501	-.775
105	125	-.027	.033	.132	-.197	105	232	.173	.070	.463	-.018	105	429	.117	.047	.293	-.024
105	126	-.011	.025	.092	-.130	105	301	.045	.067	.305	-.125	105	430	.124	.046	.289	-.043
105	127	.003	.028	.124	-.127	105	302	-.158	.077	.080	-.471	105	431	.126	.044	.293	-.007
105	128	.001	.035	.129	-.164	105	303	.001	.034	.135	-.123	105	432	.094	.041	.274	-.051
105	129	-.008	.054	.164	-.287	105	304	.003	.039	.154	-.133	105	433	.081	.044	.284	-.079
105	130	-.085	.085	.175	-.518	105	305	.149	.071	.443	-.055	105	434	.070	.060	.289	-.147
105	131	-.209	.115	.107	-.631	105	306	-.042	.058	.190	-.284	105	435	.062	.099	.394	-.337
105	132	-.306	.090	-.008	-.668	105	307	.054	.036	.197	-.066	105	436	.159	.054	.407	.033
105	133	-.004	.034	.130	-.140	105	308	.064	.042	.216	-.056	105	501	.383	.132	.784	-.021
105	134	0.000	.025	.107	-.092	105	309	.156	.058	.406	.007	105	502	.382	.131	.815	.034
105	135	.012	.028	.134	-.094	105	310	.048	.054	.228	-.132	105	503	.335	.123	.753	.017
105	136	-.006	.027	.099	-.127	105	311	.106	.042	.253	-.075	105	504	.319	.109	.717	.039
105	137	-.003	.039	.135	-.185	105	312	.109	.046	.277	-.019	105	505	.216	.096	.604	-.043
105	138	-.062	.047	.070	-.396	105	313	.141	.049	.317	.012	105	506	.035	.082	.520	-.250
105	139	-.138	.092	.077	-.736	105	314	.101	.049	.277	-.055	105	507	.402	.127	.811	-.055
105	140	-.333	.141	-.013	-.975	105	315	.125	.044	.277	.002	105	508	.429	.124	.835	.110
105	141	-.010	.030	.088	-.170	105	316	.121	.044	.288	.002	105	509	.390	.118	.839	.062
105	142	-.029	.027	.062	-.142	105	317	.128	.047	.334	.002	105	510	.352	.110	.859	.044
105	143	-.041	.032	.065	-.182	105	318	.116	.049	.323	-.015	105	511	.215	.095	.676	-.098
105	144	-.101	.050	.043	-.326	105	319	.128	.049	.341	-.042	105	512	-.041	.083	.303	-.323
105	201	-.003	.049	.204	-.172	105	320	.121	.049	.308	-.012	105	513	.358	.123	.813	-.033
105	202	.178	.080	.461	-.105	105	321	.123	.049	.305	-.033	105	514	.353	.120	.777	.027
105	203	.258	.104	.606	-.068	105	322	.129	.056	.351	-.022	105	515	.308	.114	.775	.039
105	204	.273	.140	.858	-.147	105	401	.034	.037	.216	-.068	105	516	.271	.104	.712	.009
105	205	-.152	.083	.397	-.486	105	402	.036	.036	.169	-.067	105	517	.150	.089	.505	-.091
105	206	-.009	.046	.190	-.132	105	403	.024	.034	.135	-.086	105	518	-.067	.079	.289	-.368
105	207	.012	.046	.227	-.130	105	404	.043	.042	.193	-.099	105	519	.185	.095	.546	-.063

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	520	.170	.081	.543	-.025	105	715	-.168	.069	.173	-.422	105	829	-.129	.051	.074	-.334
105	521	.161	.082	.557	-.079	105	716	-.148	.075	.205	-.415	105	831	-.144	.048	.012	-.316
105	522	.141	.082	.518	-.074	105	717	-.112	.082	.298	-.397	105	832	-.144	.049	.013	-.376
105	523	.056	.074	.452	-.180	105	718	-.126	.078	.242	-.486	105	833	-.113	.048	.047	-.291
105	524	-.077	.073	.232	-.325	105	719	-.222	.076	.168	-.478	105	834	-.084	.040	.063	-.234
105	525	.061	.057	.400	-.177	105	720	-.186	.085	.345	-.421	105	835	-.079	.040	.081	-.232
105	526	.022	.047	.261	-.173	105	721	-.116	.087	.343	-.362	105	836	-.063	.040	.090	-.288
105	527	.014	.042	.202	-.151	105	722	-.064	.086	.298	-.311	105	837	-.270	.073	-.049	-.746
105	528	.005	.040	.163	-.151	105	723	-.044	.091	.328	-.313	105	838	-.255	.070	.019	-.602
105	529	-.050	.044	.119	-.239	105	724	-.078	.075	.246	-.347	105	839	-.235	.066	.058	-.514
105	530	-.161	.058	.081	-.469	105	725	-.279	.123	.104	-.742	105	840	-.167	.053	.107	-.376
105	531	.056	.065	.340	-.234	105	726	-.221	.154	.378	-.910	105	841	-.127	.047	.197	-.307
105	601	-.161	.046	-.017	-.358	105	727	-.053	.111	.400	-.526	105	842	-.109	.040	.068	-.251
105	602	-.177	.052	.027	-.629	105	728	.011	.106	.488	-.414	105	843	-.110	.039	.083	-.251
105	603	-.177	.062	.077	-.579	105	729	.037	.096	.464	-.214	105	844	-.096	.038	.079	-.253
105	604	-.171	.063	.099	-.469	105	730	-.055	.086	.271	-.352	105	845	-.075	.038	.081	-.270
105	605	-.155	.065	.098	-.530	105	731	-.070	.085	.256	-.331	105	846	-.045	.034	.098	-.219
105	606	-.170	.041	-.030	-.321	105	732	.010	.100	.510	-.362	105	847	-.036	.033	.102	-.162
105	607	-.162	.040	-.030	-.313	105	733	.059	.104	.537	-.242	105	848	-.020	.035	.128	-.190
105	608	-.182	.043	-.024	-.341	105	734	.077	.116	.513	-.227	105	849	-.257	.070	-.074	-.562
105	609	-.183	.046	.015	-.358	105	735	-.042	.075	.338	-.306	105	850	-.270	.072	-.065	-.648
105	610	-.173	.046	.025	-.328	105	736	.008	.093	.360	-.239	105	851	-.242	.073	.016	-.619
105	611	-.188	.050	-.044	-.419	105	737	.105	.123	.775	-.198	105	852	-.195	.072	.032	-.537
105	612	-.200	.052	-.032	-.454	105	801	-.256	.088	-.612	-.864	105	853	-.143	.058	.070	-.372
105	613	-.217	.053	-.054	-.515	105	802	-.218	.077	-.047	-.708	105	854	-.133	.052	.028	-.399
105	614	-.230	.055	-.024	-.402	105	803	-.249	.081	-.039	-.772	105	855	-.104	.044	.047	-.283
105	615	-.197	.056	.022	-.392	105	804	-.257	.067	-.068	-.641	105	856	-.100	.042	.021	-.272
105	616	-.242	.063	-.064	-.654	105	805	-.224	.050	-.060	-.476	105	857	-.063	.036	.070	-.262
105	617	-.248	.066	-.076	-.678	105	806	-.217	.045	-.061	-.376	105	858	-.037	.035	.095	-.188
105	618	-.265	.067	-.066	-.616	105	807	-.229	.051	-.077	-.456	105	859	.001	.030	.114	-.118
105	619	-.245	.066	-.044	-.530	105	808	-.214	.055	-.053	-.435	105	860	.003	.036	.153	-.156
105	620	-.239	.077	.089	-.579	105	809	-.160	.058	.037	-.409	105	861	-.009	.035	.128	-.116
105	621	-.307	.100	-.044	-.802	105	810	-.113	.055	.091	-.414	105	862	-.179	.092	.153	-.565
105	622	-.294	.089	-.039	-.706	105	811	-.102	.046	.663	-.293	105	863	-.087	.049	.072	-.313
105	623	-.281	.093	.059	-.675	105	812	-.089	.042	.067	-.265	105	864	-.056	.039	.079	-.218
105	624	-.291	.102	.079	-.738	105	813	-.237	.079	.007	-1.038	105	865	-.020	.032	.089	-.158
105	625	-.286	.109	.163	-.693	105	814	-.200	.067	.030	-.609	105	901	-.152	.082	.088	-.539
105	701	-.159	.071	.146	-.648	105	815	-.187	.054	.107	-.471	105	902	-.257	.117	.091	-.772
105	702	-.165	.080	.267	-.624	105	816	-.195	.060	.065	-.458	105	903	-.349	.113	-.075	-.909
105	703	-.144	.081	.214	-.643	105	817	-.198	.066	.081	-.532	105	904	-.141	.072	.084	-.455
105	704	-.140	.094	.244	-.654	105	818	-.227	.058	-.028	-.530	105	905	-.117	.072	.103	-.372
105	705	-.126	.050	.072	-.315	105	819	-.244	.057	-.075	-.520	105	906	-.351	.088	-.090	-.669
105	706	-.135	.091	.256	-.543	105	820	-.224	.053	-.042	-.441	105	907	-.148	.094	.258	-.699
105	707	-.166	.050	.066	-.365	105	821	-.172	.052	.025	-.390	105	908	-.159	.097	.146	-.713
105	708	-.153	.054	.118	-.362	105	822	-.125	.044	.023	-.383	105	1001	-.023	.027	.060	-.133
105	709	-.156	.063	.188	-.427	105	823	-.114	.040	.025	-.256	105	1002	-.149	.094	.079	-.734
105	710	-.143	.071	.341	-.427	105	824	-.095	.042	.079	-.288	105	1003	-.042	.066	.176	-.397
105	711	-.132	.079	.229	-.486	105	825	-.268	.084	-.005	-.699	105	1004	-.118	.055	.065	-.463
105	712	-.143	.075	.210	-.508	105	826	-.228	.079	.011	-.622	0	0	0.000	0.000	0.000	0.000
105	713	-.183	.053	.024	-.360	105	827	-.195	.066	.039	-.485	0	0	0.000	0.000	0.000	0.000
105	714	-.189	.062	.093	-.463	105	828	-.155	.052	.026	-.374	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	101	-.036	.041	.148	-.169	120	208	.238	.095	.635	-.022	120	405	.679	.070	.371	-.113
120	102	-.056	.042	.138	-.232	120	209	.304	.114	.754	-.037	120	406	.104	.083	.430	-.137
120	103	.012	.060	.278	-.258	120	210	.323	.146	1.045	-.065	120	407	.077	.118	.545	-.368
120	104	-.013	.053	.247	-.231	120	211	.397	.094	.465	-.189	120	408	.109	.055	.293	-.025
120	105	.003	.057	.239	-.221	120	212	.169	.080	.508	-.010	120	409	.128	.057	.327	-.010
120	106	-.012	.078	.226	-.418	120	213	.043	.075	.337	-.204	120	410	.141	.062	.359	-.012
120	107	-.089	.118	.196	-.586	120	214	.225	.079	.581	.033	120	411	.174	.071	.451	-.010
120	108	-.285	.134	.202	-.718	120	215	.304	.101	.754	.046	120	412	.176	.073	.474	-.033
120	109	-.066	.035	.091	-.183	120	216	.298	.116	.861	.014	120	413	.222	.087	.588	.012
120	110	-.039	.038	.196	-.156	120	217	.119	.069	.439	-.097	120	414	.221	.119	.673	-.366
120	111	.021	.048	.247	-.196	120	218	.178	.066	.498	.016	120	415	.171	.058	.363	-.007
120	112	.027	.051	.313	-.223	120	219	.306	.069	.316	-.213	120	416	.177	.057	.366	.025
120	113	.050	.058	.272	-.272	120	220	.200	.066	.506	.029	120	417	.187	.058	.388	.036
120	114	.027	.087	.302	-.461	120	221	.266	.091	.697	.029	120	418	.200	.063	.425	.047
120	115	-.071	.146	.285	-.705	120	222	.234	.091	.713	-.014	120	419	.205	.067	.491	.041
120	116	-.240	.130	.196	-.702	120	223	.151	.056	.369	-.005	120	420	.250	.078	.561	.063
120	117	-.062	.039	.123	-.193	120	224	.189	.052	.422	.065	120	421	.266	.100	.634	-.107
120	118	-.022	.035	.208	-.154	120	225	-.019	.063	.256	-.282	120	422	.194	.059	.437	.037
120	119	.019	.040	.269	-.145	120	226	.159	.052	.441	.019	120	423	.192	.059	.517	.051
120	120	.034	.045	.282	-.140	120	227	.227	.075	.592	.043	120	424	.193	.058	.534	.058
120	121	.045	.057	.291	-.282	120	228	.219	.074	.705	.046	120	425	.210	.060	.593	.064
120	122	.001	.091	.275	-.469	120	229	.174	.054	.442	-.019	120	426	.206	.061	.581	.056
120	123	-.101	.140	.267	-.595	120	230	.176	.049	.412	.038	120	427	.229	.068	.537	.061
120	124	-.218	.116	.169	-.711	120	231	.248	.077	.624	.059	120	428	.262	.084	.645	.047
120	125	-.036	.038	.110	-.170	120	232	.255	.074	.576	.068	120	429	.186	.055	.415	.039
120	126	-.004	.031	.130	-.175	120	301	.066	.101	.483	-.181	120	430	.186	.052	.442	.051
120	127	.022	.034	.177	-.161	120	302	-.216	.095	.088	-.586	120	431	.217	.065	.461	.045
120	128	.029	.041	.210	-.264	120	303	-.023	.044	.168	-.222	120	432	.139	.049	.390	-.024
120	129	.032	.056	.285	-.266	120	304	-.035	.047	.142	-.195	120	433	.134	.048	.396	-.039
120	130	-.026	.085	.253	-.414	120	305	.189	.098	.586	-.039	120	434	.150	.051	.452	-.036
120	131	-.117	.125	.240	-.586	120	306	-.011	.072	.252	-.295	120	435	.184	.066	.545	-.053
120	132	-.204	.105	.234	-.635	120	307	.084	.055	.266	-.137	120	436	.220	.067	.479	.033
120	133	-.018	.037	.118	-.188	120	308	.089	.057	.296	-.054	120	501	.289	.143	.703	-.300
120	134	.004	.027	.156	-.088	120	309	.216	.079	.545	.036	120	502	.182	.118	.567	-.222
120	135	.025	.032	.237	-.094	120	310	.122	.064	.366	-.085	120	503	.149	.101	.556	-.161
120	136	.014	.033	.210	-.145	120	311	.169	.060	.407	-.005	120	504	.151	.100	.542	-.119
120	137	.013	.047	.212	-.259	120	312	.169	.061	.427	.027	120	505	.024	.079	.346	-.191
120	138	-.037	.061	.186	-.444	120	313	.205	.061	.512	.012	120	506	-.167	.065	.171	-.368
120	139	-.093	.098	.255	-.616	120	314	.185	.059	.447	-.003	120	507	.343	.153	.815	-.173
120	140	-.206	.135	.196	-.845	120	315	.198	.058	.468	.037	120	508	.241	.120	.679	-.054
120	141	.003	.037	.167	-.178	120	316	.196	.058	.496	.039	120	509	.200	.104	.639	-.056
120	142	-.046	.038	.123	-.175	120	317	.193	.062	.496	.039	120	510	.165	.093	.542	-.071
120	143	-.031	.042	.127	-.204	120	318	.182	.060	.449	.025	120	511	-.005	.078	.344	-.207
120	144	-.086	.067	.146	-.331	120	319	.197	.058	.442	.061	120	512	-.258	.067	.025	-.473
120	201	.045	.095	.516	-.193	120	320	.193	.057	.418	.027	120	513	.258	.142	.771	-.263
120	202	.172	.108	.625	-.251	120	321	.185	.056	.452	.056	120	514	.211	.102	.727	-.025
120	203	.225	.114	.671	-.162	120	322	.216	.065	.493	.069	120	515	.145	.088	.591	-.064
120	204	.275	.151	.799	-.170	120	401	.029	.049	.205	-.108	120	516	.107	.079	.418	-.107
120	205	-.011	.120	.479	-.412	120	402	.050	.056	.244	-.097	120	517	-.057	.068	.171	-.254
120	206	.041	.079	.411	-.164	120	403	.060	.063	.368	-.113	120	518	-.286	.065	.020	-.539
120	207	.073	.084	.481	-.150	120	404	.093	.071	.386	-.093	120	519	.150	.143	.652	-.530

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	520	.125	.073	.439	-.089	120	715	-.242	.045	-.005	-.395	120	829	-.216	.090	.085	-.626
120	521	.075	.060	.342	-.094	120	716	-.207	.046	-.018	-.394	120	831	-.221	.070	.043	-.521
120	522	.035	.057	.293	-.121	120	717	-.166	.050	.047	-.350	120	832	-.204	.062	.029	-.506
120	523	-.099	.054	.149	-.280	120	718	-.158	.061	.141	-.395	120	833	-.167	.053	.024	-.357
120	524	-.247	.055	.084	-.459	120	719	-.297	.052	-.090	-.498	120	834	-.129	.044	.116	-.323
120	525	.045	.094	.419	-.461	120	720	-.289	.057	-.060	-.499	120	835	-.113	.042	.143	-.309
120	526	.019	.042	.104	-.127	120	721	-.265	.057	.010	-.456	120	836	-.088	.043	.097	-.264
120	527	-.035	.036	.116	-.184	120	722	-.209	.058	.077	-.417	120	837	-.224	.053	.123	-.488
120	528	-.051	.035	.109	-.171	120	723	-.171	.061	.084	-.426	120	838	-.209	.055	.079	-.430
120	529	-.140	.040	-.012	-.302	120	724	-.152	.057	.147	-.377	120	839	-.207	.071	.178	-.625
120	530	-.247	.049	-.050	-.422	120	725	-.349	.071	-.163	-.707	120	840	-.174	.068	.176	-.445
120	531	-.177	.122	.174	-.561	120	726	-.356	.078	-.092	-.724	120	841	-.150	.073	.202	-.404
120	601	-.226	.035	-.116	-.387	120	727	-.293	.077	.039	-.667	120	842	-.139	.062	.160	-.369
120	602	-.241	.037	-.124	-.454	120	728	-.280	.083	.039	-.615	120	843	-.148	.058	.078	-.437
120	603	-.253	.042	-.104	-.519	120	729	-.198	.053	.074	-.409	120	844	-.146	.049	.112	-.369
120	604	-.255	.047	-.082	-.700	120	730	-.208	.045	.047	-.427	120	845	-.127	.046	.043	-.288
120	605	-.228	.059	-.050	-.715	120	731	-.314	.056	-.178	-.565	120	846	-.092	.039	.033	-.307
120	606	-.242	.033	-.126	-.377	120	732	-.215	.052	-.037	-.410	120	847	-.068	.036	.090	-.202
120	607	-.239	.033	-.136	-.370	120	733	-.126	.054	.090	-.362	120	848	-.047	.040	.128	-.226
120	608	-.269	.036	-.152	-.431	120	734	-.204	.048	.018	-.387	120	849	-.215	.054	.029	-.445
120	609	-.271	.037	-.157	-.417	120	735	-.230	.048	-.057	-.449	120	850	-.225	.064	.095	-.549
120	610	-.255	.040	-.097	-.441	120	736	-.198	.043	-.070	-.380	120	851	-.190	.073	.286	-.533
120	611	-.276	.042	-.142	-.426	120	737	-.184	.048	.067	-.384	120	852	-.160	.084	.292	-.447
120	612	-.289	.043	-.161	-.442	120	801	-.446	.204	.022	-1.565	120	853	-.126	.076	.211	-.368
120	613	-.305	.044	-.184	-.488	120	802	-.381	.172	.048	-1.172	120	854	-.123	.065	.117	-.433
120	614	-.310	.044	-.191	-.501	120	803	-.315	.103	.005	-.327	120	855	-.108	.058	.185	-.479
120	615	-.276	.042	-.171	-.486	120	804	-.293	.064	-.124	-.599	120	856	-.121	.057	.091	-.516
120	616	-.317	.050	-.178	-.503	120	805	-.293	.057	-.114	-.544	120	857	-.102	.052	.112	-.318
120	617	-.319	.050	-.189	-.499	120	806	-.317	.061	-.143	-.573	120	858	-.084	.051	.067	-.364
120	618	-.333	.051	-.189	-.521	120	807	-.313	.064	-.093	-.576	120	859	-.040	.038	.093	-.174
120	619	-.318	.052	-.174	-.553	120	808	-.253	.070	.024	-.531	120	860	-.023	.042	.152	-.171
120	620	-.311	.055	-.161	-.521	120	809	-.190	.065	.055	-.407	120	861	-.056	.045	.160	-.228
120	621	-.312	.053	-.166	-.560	120	810	-.155	.055	.021	-.383	120	862	-.155	.066	.109	-.442
120	622	-.332	.059	-.188	-.712	120	811	-.137	.046	.010	-.305	120	863	-.087	.063	.295	-.305
120	623	-.328	.060	-.157	-.668	120	812	-.118	.046	.079	-.269	120	864	-.070	.057	.295	-.248
120	624	-.342	.062	-.168	-.596	120	813	-.285	.146	.117	-1.493	120	865	-.036	.041	.102	-.174
120	625	-.348	.071	-.171	-.700	120	814	-.252	.112	.116	-.887	120	901	-.220	.106	.078	-1.003
120	701	-.248	.088	.059	-1.126	120	815	-.292	.103	.105	-.808	120	902	-.320	.129	.017	-.896
120	702	-.252	.118	.022	-1.081	120	816	-.315	.079	-.047	-.663	120	903	-.846	.195	-.254	-1.437
120	703	-.224	.111	.092	-.828	120	817	-.307	.079	.002	-.690	120	904	-.136	.038	.050	-.416
120	704	-.218	.109	.085	-.710	120	818	-.301	.064	-.052	-.552	120	905	-.065	.078	.231	-.400
120	705	-.212	.048	-.067	-.377	120	819	-.285	.058	-.081	-.528	120	906	-.394	.070	-.186	-.744
120	706	-.238	.126	.122	-.890	120	820	-.249	.061	-.029	-.490	120	907	-.245	.152	.261	-1.013
120	707	-.250	.044	-.097	-.588	120	821	-.191	.052	-.021	-.404	120	908	-.252	.138	.131	-.935
120	708	-.236	.047	-.077	-.518	120	822	-.151	.043	-.005	-.314	120	1001	-.055	.050	.138	-.295
120	709	-.229	.052	-.040	-.544	120	823	-.135	.041	.016	-.326	120	1002	-.221	.069	-.012	-.502
120	710	-.205	.056	.000	-.494	120	824	-.116	.042	.045	-.271	120	1003	-.120	.036	.043	-.340
120	711	-.189	.064	.112	-.561	120	825	-.226	.089	.143	-.599	120	1004	-.254	.048	-.091	-.409
120	712	-.176	.074	.129	-.565	120	826	-.198	.079	.138	-.609	0	0	0.000	0.000	0.000	0.000
120	713	-.263	.039	-.139	-.414	120	827	-.210	.083	.179	-.613	0	0	0.000	0.000	0.000	0.000
120	714	-.271	.044	-.112	-.441	120	828	-.217	.083	.091	-.661	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	101	-.068	.052	.142	-.217	135	208	.309	.125	.814	.008	135	405	.141	.106	.477	-.172
135	102	-.039	.067	.240	-.242	135	209	.342	.119	.840	0.600	135	406	.187	.123	.574	-.170
135	103	.057	.081	.379	-.253	135	210	.360	.135	.922	-.318	135	407	.298	.146	.771	-.101
135	104	.042	.079	.380	-.271	135	211	.235	.117	.669	-.075	135	408	.189	.091	.554	-.042
135	105	.086	.081	.377	-.153	135	212	.264	.107	.667	-.005	135	409	.219	.097	.556	-.017
135	106	.103	.088	.405	-.255	135	213	.155	.115	.697	-.160	135	410	.246	.104	.589	.010
135	107	.073	.101	.377	-.436	135	214	.292	.109	.809	.042	135	411	.256	.109	.675	-.032
135	108	-.067	.169	.496	-.795	135	215	.340	.119	.842	.024	135	412	.273	.115	.657	.005
135	109	-.104	.045	.669	-.240	135	216	.357	.142	.904	-.062	135	413	.323	.128	.764	.019
135	110	-.011	.070	.255	-.225	135	217	.229	.108	.661	-.085	135	414	.347	.145	.812	-.086
135	111	.080	.082	.398	-.153	135	218	.267	.102	.674	.054	135	415	.222	.084	.525	-.062
135	112	.096	.086	.439	-.188	135	219	.095	.103	.604	-.157	135	416	.235	.085	.552	.003
135	113	.143	.087	.459	-.088	135	220	.231	.092	.594	.015	135	417	.250	.088	.584	.008
135	114	.159	.096	.535	-.281	135	221	.275	.099	.703	-.034	135	418	.267	.093	.623	.012
135	115	.117	.130	.521	-.488	135	222	.279	.110	.759	-.011	135	419	.266	.097	.593	-.012
135	116	-.067	.190	.529	-.685	135	223	.210	.082	.571	-.033	135	420	.302	.112	.699	-.010
135	117	-.122	.047	.067	-.292	135	224	.236	.080	.550	.026	135	421	.302	.137	.791	-.126
135	118	-.005	.068	.281	-.183	135	225	.045	.078	.377	-.224	135	422	.212	.079	.530	-.069
135	119	.063	.076	.366	-.163	135	226	.183	.072	.516	-.039	135	423	.223	.077	.567	-.081
135	120	.091	.082	.392	-.186	135	227	.237	.086	.586	-.002	135	424	.226	.076	.542	.029
135	121	.141	.084	.508	-.256	135	228	.246	.091	.656	.034	135	425	.242	.078	.566	.013
135	122	.140	.094	.516	-.571	135	229	.229	.079	.516	-.003	135	426	.248	.082	.579	.005
135	123	.091	.138	.463	-.557	135	230	.232	.076	.517	.033	135	427	.268	.109	.776	-.024
135	124	-.066	.176	.508	-.674	135	231	.252	.093	.597	.011	135	428	.265	.139	.791	-.140
135	125	-.116	.047	.132	-.266	135	232	.268	.099	.638	.044	135	429	.208	.079	.574	-.113
135	126	-.014	.057	.251	-.181	135	301	.142	.127	.668	-.173	135	430	.198	.069	.487	-.027
135	127	.034	.062	.325	-.160	135	302	-.223	.151	.229	-.734	135	431	.188	.063	.467	-.016
135	128	.054	.066	.382	-.135	135	303	-.004	.073	.280	-.242	135	432	.140	.065	.379	-.084
135	129	.099	.078	.390	-.343	135	304	-.037	.066	.187	-.295	135	433	.141	.068	.416	-.084
135	130	.076	.092	.385	-.441	135	305	.273	.129	.803	-.040	135	434	.169	.075	.495	-.094
135	131	.024	.140	.416	-.486	135	306	.053	.107	.428	-.285	135	435	.189	.104	.650	-.232
135	132	-.087	.144	.467	-.508	135	307	.142	.085	.529	-.103	135	436	.229	.086	.694	-.059
135	133	-.115	.043	.086	-.310	135	308	.143	.085	.438	-.172	135	501	-.183	.203	.583	-.896
135	134	-.040	.043	.170	-.168	135	309	.267	.103	.690	.024	135	502	-.114	.091	.236	-.499
135	135	.008	.049	.275	-.147	135	310	.161	.081	.514	-.081	135	503	-.070	.077	.231	-.345
135	136	.005	.049	.292	-.173	135	311	.204	.077	.492	-.025	135	504	-.033	.074	.283	-.306
135	137	.032	.062	.295	-.266	135	312	.205	.081	.493	-.333	135	505	-.175	.053	.083	-.311
135	138	.062	.078	.243	-.348	135	313	.246	.094	.601	.037	135	506	-.340	.049	-.133	-.533
135	139	-.023	.107	.271	-.431	135	314	.208	.079	.530	.024	135	507	-.117	.219	.589	-.901
135	140	-.087	.126	.259	-.573	135	315	.224	.083	.578	-.010	135	508	-.013	.106	.441	-.566
135	141	.009	.052	.215	-.325	135	316	.222	.084	.583	-.008	135	509	-.012	.083	.381	-.345
135	142	-.160	.045	-.020	-.374	135	317	.226	.075	.586	.057	135	510	-.018	.073	.281	-.207
135	143	-.009	.066	.328	-.328	135	318	.211	.072	.512	.045	135	511	-.197	.056	.066	-.347
135	144	.005	.109	.393	-.477	135	319	.219	.071	.571	.056	135	512	-.414	.060	-.224	-.630
135	201	.163	.118	.591	-.163	135	320	.209	.074	.549	-.328	135	513	-.154	.225	.572	-1.064
135	202	.230	.111	.633	-.135	135	321	.224	.075	.556	.052	135	514	-.030	.123	.431	-.763
135	203	.236	.110	.671	-.114	135	322	.254	.080	.621	.076	135	515	-.047	.077	.325	-.372
135	204	.242	.126	.925	-.116	135	401	.071	.077	.332	-.264	135	516	-.056	.070	.266	-.261
135	205	.127	.125	.667	-.274	135	402	.106	.086	.384	-.153	135	517	-.220	.053	.034	-.392
135	206	.125	.103	.632	-.145	135	403	.105	.094	.465	-.175	135	518	-.442	.057	-.205	-.623
135	207	.216	.129	.733	-.114	135	404	.133	.131	.485	-.221	135	519	-.173	.206	.630	-.960

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	520	-.020	.102	.292	-.632	135	715	-.299	.037	-.169	-.435	135	829	-.243	.040	-.088	-.396
135	521	-.050	.057	.162	-.365	135	716	-.274	.041	-.135	-.428	135	831	-.211	.044	-.029	-.404
135	522	-.072	.049	.133	-.258	135	717	-.248	.049	-.031	-.452	135	832	-.219	.038	-.049	-.350
135	523	-.219	.042	-.068	-.389	135	718	-.246	.053	-.016	-.457	135	833	-.222	.036	-.083	-.372
135	524	-.315	.046	-.154	-.525	135	719	-.319	.041	-.170	-.472	135	834	-.201	.034	-.098	-.328
135	525	-.100	.150	.345	-.857	135	720	-.341	.044	-.178	-.548	135	835	-.192	.035	-.094	-.318
135	526	-.071	.075	.175	-.619	135	721	-.319	.043	-.175	-.486	135	836	-.179	.037	-.072	-.312
135	527	-.115	.036	.041	-.316	135	722	-.287	.042	-.152	-.443	135	837	-.287	.047	-.111	-.466
135	528	-.114	.036	.055	-.277	135	723	-.267	.046	-.094	-.438	135	838	-.269	.048	-.012	-.487
135	529	-.225	.039	-.104	-.412	135	724	-.272	.050	-.104	-.535	135	839	-.264	.049	.054	-.436
135	530	-.311	.042	-.183	-.495	135	725	-.365	.052	-.225	-.597	135	840	-.243	.042	-.054	-.439
135	531	-.351	.117	.060	-.770	135	726	-.384	.060	-.221	-.665	135	841	-.225	.039	-.049	-.409
135	601	-.275	.034	-.170	-.405	135	727	-.387	.062	-.214	-.665	135	842	-.204	.039	-.015	-.377
135	602	-.280	.033	-.185	-.439	135	728	-.334	.077	-.006	-.637	135	843	-.204	.039	.010	-.359
135	603	-.285	.037	-.183	-.444	135	729	-.281	.062	-.070	-.597	135	844	-.211	.036	-.059	-.327
135	604	-.275	.037	-.154	-.559	135	730	-.277	.058	-.058	-.595	135	845	-.211	.034	-.084	-.340
135	605	-.271	.040	-.152	-.620	135	731	-.368	.051	-.217	-.600	135	846	-.190	.034	-.093	-.312
135	606	-.278	.032	-.186	-.407	135	732	-.302	.046	-.154	-.673	135	847	-.071	.035	-.081	-.291
135	607	-.272	.031	-.190	-.392	135	733	-.180	.053	.083	-.428	135	848	-.142	.036	-.005	-.263
135	608	-.282	.033	-.198	-.410	135	734	-.263	.050	-.084	-.451	135	849	-.235	.060	.040	-.482
135	609	-.297	.033	-.216	-.438	135	735	-.314	.043	-.170	-.491	135	850	-.237	.079	.081	-.594
135	610	-.286	.033	-.182	-.420	135	736	-.245	.043	-.096	-.423	135	851	-.206	.073	.089	-.566
135	611	-.287	.031	-.178	-.397	135	737	-.228	.043	-.086	-.420	135	852	-.213	.072	.190	-.542
135	612	-.286	.031	-.183	-.407	135	801	-.296	.085	-.076	-.818	135	853	-.202	.060	.007	-.446
135	613	-.317	.032	-.211	-.436	135	802	-.263	.070	-.054	-.605	135	854	-.217	.056	-.052	-.453
135	614	-.331	.034	-.225	-.459	135	803	-.248	.047	-.077	-.429	135	855	-.203	.048	-.005	-.443
135	615	-.302	.034	-.198	-.438	135	804	-.242	.042	-.074	-.389	135	856	-.224	.048	-.086	-.471
135	616	-.320	.037	-.212	-.457	135	805	-.257	.043	-.045	-.449	135	857	-.207	.040	-.072	-.342
135	617	-.340	.038	-.232	-.488	135	806	-.239	.051	.013	-.413	135	858	-.214	.042	-.062	-.352
135	618	-.350	.039	-.233	-.473	135	807	-.238	.054	-.064	-.450	135	859	-.167	.042	.002	-.340
135	619	-.340	.041	-.222	-.472	135	808	-.236	.056	-.034	-.500	135	860	-.133	.043	.045	-.333
135	620	-.318	.042	-.186	-.508	135	809	-.237	.054	-.057	-.586	135	861	-.259	.060	-.066	-.480
135	621	-.335	.039	-.212	-.485	135	810	-.220	.050	-.042	-.520	135	862	-.076	.075	.236	-.300
135	622	-.340	.042	-.214	-.517	135	811	-.212	.046	-.081	-.397	135	863	-.096	.046	.084	-.221
135	623	-.337	.044	-.211	-.506	135	812	-.203	.047	-.067	-.423	135	864	-.135	.034	.019	-.241
135	624	-.340	.047	-.196	-.517	135	813	-.295	.087	-.106	-.862	135	865	-.125	.034	.006	-.263
135	625	-.359	.050	-.219	-.543	135	814	-.260	.060	-.111	-.591	135	941	-.267	.096	.030	-.935
135	761	-.283	.058	-.084	-.913	135	815	-.259	.045	-.131	-.434	135	902	-.317	.102	-.020	-.867
135	762	-.308	.104	-.036	-1.080	135	816	-.256	.042	-.140	-.445	135	903	-.782	.176	-.301	-1.480
135	703	-.290	.107	.006	-.748	135	817	-.251	.040	-.101	-.392	135	904	-.352	.115	-.047	-.781
135	704	-.264	.115	.088	-.944	135	818	-.225	.044	.017	-.409	135	905	-.099	.073	.150	-.384
135	705	-.263	.042	-.118	-.399	135	819	-.224	.047	-.034	-.389	135	906	-.321	.068	-.081	-.721
135	706	-.251	.101	.055	-.705	135	820	-.223	.042	-.059	-.414	135	907	-.283	.119	.077	-.968
135	707	-.287	.036	-.185	-.603	135	821	-.226	.038	-.094	-.402	135	908	-.287	.109	-.008	-.892
135	708	-.284	.042	-.169	-.566	135	822	-.209	.036	-.103	-.354	135	1001	-.208	.074	-.030	-.591
135	709	-.272	.051	-.096	-.527	135	823	-.204	.037	-.089	-.344	135	1002	-.287	.084	-.025	-.578
135	710	-.263	.055	-.063	-.543	135	824	-.202	.039	-.062	-.384	135	1003	-.193	.038	-.088	-.376
135	711	-.245	.065	-.026	-.636	135	825	-.269	.048	-.091	-.541	135	1004	-.308	.052	-.167	-.541
135	712	-.231	.069	.010	-.529	135	826	-.255	.046	-.081	-.418	0	0	0.000	0.000	0.000	0.000
135	713	-.297	.032	-.206	-.433	135	827	-.269	.045	-.136	-.527	0	0	0.000	0.000	0.000	0.000
135	714	-.298	.035	-.180	-.433	135	828	-.260	.043	-.126	-.465	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	101	-.041	.075	.337	-.296	150	208	.315	.141	.781	-.035	150	405	.175	.141	.646	-.331
150	102	-.042	.096	.544	-.269	150	209	.284	.142	.722	-.097	150	406	.211	.159	.702	-.412
150	103	.133	.105	.524	-.233	150	210	.274	.149	.780	-.129	150	407	.213	.195	.736	-.476
150	104	.128	.106	.515	-.180	150	211	.255	.144	.824	-.144	150	408	.233	.150	.820	-.430
150	105	.170	.111	.596	-.208	150	212	.269	.137	.816	-.068	150	409	.272	.139	.718	-.343
150	106	.182	.115	.565	-.235	150	213	.261	.148	.781	-.173	150	410	.278	.146	.745	-.131
150	107	.179	.123	.585	-.408	150	214	.300	.136	.783	-.026	150	411	.291	.151	.803	-.114
150	108	.168	.174	.681	-.544	150	215	.306	.138	.743	-.028	150	412	.292	.160	.813	-.138
150	109	-.079	.074	.203	-.306	150	216	.310	.151	.895	-.036	150	413	.294	.175	.827	-.251
150	110	.101	.103	.472	-.235	150	217	.293	.129	.780	-.055	150	414	.189	.200	.843	-.443
150	111	.199	.113	.593	-.221	150	218	.313	.125	.821	-.035	150	415	.218	.147	.682	-.428
150	112	.225	.117	.663	-.302	150	219	.207	.131	.654	-.187	150	416	.241	.131	.707	-.196
150	113	.242	.120	.743	-.185	150	220	.255	.113	.742	-.038	150	417	.241	.132	.692	-.194
150	114	.258	.126	.729	-.405	150	221	.273	.129	.872	-.035	150	418	.237	.135	.721	-.141
150	115	.250	.135	.735	-.555	150	222	.288	.133	.828	-.023	150	419	.239	.146	.835	-.101
150	116	.190	.188	.801	-.539	150	223	.277	.126	.753	-.015	150	420	.216	.162	.813	-.159
150	117	-.120	.073	.202	-.382	150	224	.287	.125	.781	.117	150	421	.095	.193	.677	-.510
150	118	.082	.098	.405	-.193	150	225	.153	.100	.532	-.182	150	422	.194	.138	.660	-.310
150	119	.164	.109	.515	-.147	150	226	.212	.098	.578	-.050	150	423	.219	.115	.776	-.112
150	120	.197	.117	.578	-.132	150	227	.240	.104	.618	-.063	150	424	.244	.113	.718	-.085
150	121	.252	.115	.653	-.089	150	228	.251	.109	.667	-.023	150	425	.196	.114	.733	-.068
150	122	.264	.120	.740	-.187	150	229	.253	.105	.649	.026	150	426	.172	.123	.689	-.162
150	123	.255	.134	.740	-.426	150	230	.262	.106	.662	.041	150	427	.141	.129	.701	-.230
150	124	.197	.183	.737	-.598	150	231	.260	.110	.697	.030	150	428	.066	.167	.648	-.602
150	125	-.145	.071	.182	-.393	150	232	.276	.118	.818	.041	150	429	.165	.139	.646	-.385
150	126	.061	.090	.433	-.278	150	301	.137	.143	.692	-.205	150	430	.142	.106	.576	-.206
150	127	.130	.100	.580	-.256	150	302	-.068	.199	.378	-.782	150	431	.110	.089	.595	-.154
150	128	.161	.108	.568	-.182	150	303	.038	.112	.426	-.336	150	432	.043	.093	.409	-.288
150	129	.214	.112	.634	-.106	150	304	-.016	.112	.385	-.347	150	433	.016	.099	.460	-.298
150	130	.214	.116	.638	-.164	150	305	.321	.142	.862	-.044	150	434	.016	.118	.435	-.414
150	131	.211	.133	.656	-.339	150	306	.193	.159	.706	-.320	150	435	-.067	.176	.470	-.539
150	132	.157	.166	.667	-.433	150	307	.216	.122	.631	-.239	150	436	.149	.194	.808	-.542
150	133	-.164	.078	.193	-.393	150	308	.184	.125	.624	-.298	150	501	-.658	.251	.089	-2.267
150	134	-.005	.084	.393	-.223	150	309	.342	.145	.951	.012	150	502	-.369	.162	-.055	-1.055
150	135	.061	.091	.418	-.178	150	310	.270	.133	.811	-.121	150	503	-.252	.086	.034	-.760
150	136	.070	.090	.463	-.180	150	311	.278	.125	.793	-.019	150	504	-.187	.074	.075	-.545
150	137	.118	.093	.504	-.183	150	312	.241	.147	.786	-.378	150	505	-.299	.042	-.112	-.482
150	138	.126	.095	.517	-.294	150	313	.296	.124	.922	-.003	150	506	-.423	.055	-.252	-.672
150	139	.137	.106	.535	-.349	150	314	.268	.113	.825	.002	150	507	-.601	.241	.256	-1.757
150	140	.117	.117	.567	-.453	150	315	.256	.110	.798	-.007	150	508	-.450	.237	.058	-1.445
150	141	.075	.073	.400	-.164	150	316	.201	.142	.731	-.581	150	509	-.282	.155	.039	-1.091
150	142	-.250	.080	-.018	-.525	150	317	.287	.121	.731	.026	150	510	-.204	.088	.077	-.760
150	143	.083	.096	.530	-.258	150	318	.274	.112	.701	.019	150	511	-.323	.048	-.119	-.636
150	144	.169	.119	.524	-.286	150	319	.248	.106	.615	.031	150	512	-.478	.066	-.254	-.748
150	201	.216	.147	.753	-.362	150	320	.145	.156	.566	-.494	150	513	-.622	.211	.176	-1.594
150	202	.211	.141	.699	-.278	150	321	.301	.120	.776	.026	150	514	-.464	.234	.063	-1.229
150	203	.187	.141	.621	-.221	150	322	.319	.125	.789	.049	150	515	-.329	.172	.037	-1.185
150	204	.152	.141	.626	-.368	150	401	.122	.133	.608	-.484	150	516	-.234	.096	.041	-.695
150	205	.122	.137	.653	-.375	150	402	.164	.130	.610	-.394	150	517	-.322	.048	-.065	-.551
150	206	.113	.115	.598	-.188	150	403	.138	.133	.591	-.414	150	518	-.429	.054	-.177	-.648
150	207	.304	.152	.849	-.169	150	404	.158	.135	.571	-.281	150	519	-.555	.216	.382	-1.490

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	520	-.358	.194	.107	-1.093	150	715	-.341	.035	-.238	-.543	150	829	-.278	.050	-.007	-.441
150	521	-.261	.133	.113	-.985	150	716	-.331	.033	-.243	-.507	150	831	-.260	.063	-.016	-.458
150	522	-.218	.090	.064	-.760	150	717	-.317	.036	-.203	-.474	150	832	-.332	.054	-.098	-.608
150	523	-.283	.044	-.046	-.536	150	718	-.327	.045	-.203	-.530	150	833	-.353	.049	-.216	-.515
150	524	-.324	.039	-.189	-.495	150	719	-.324	.032	-.213	-.495	150	834	-.326	.050	-.169	-.497
150	525	-.445	.176	.382	-1.149	150	720	-.346	.033	-.243	-.526	150	835	-.316	.050	-.153	-.592
150	526	-.283	.159	.166	-1.000	150	721	-.341	.032	-.228	-.452	150	836	-.302	.049	-.154	-.493
150	527	-.274	.105	.020	-.774	150	722	-.322	.031	-.233	-.444	150	837	-.321	.040	-.169	-.546
150	528	-.237	.079	-.018	-.666	150	723	-.313	.034	-.205	-.461	150	838	-.300	.038	-.192	-.489
150	529	-.289	.044	-.146	-.562	150	724	-.319	.043	-.206	-.530	150	839	-.302	.037	-.185	-.502
150	530	-.329	.038	-.189	-.556	150	725	-.357	.043	-.216	-.554	150	840	-.287	.031	-.163	-.408
150	531	-.453	.102	-.010	-.856	150	726	-.372	.048	-.239	-.561	150	841	-.275	.037	-.057	-.483
150	601	-.327	.036	-.203	-.528	150	727	-.359	.051	-.218	-.544	150	842	-.242	.052	-.020	-.429
150	602	-.329	.033	-.216	-.466	150	728	-.339	.046	-.197	-.523	150	843	-.265	.053	-.018	-.458
150	603	-.322	.033	-.202	-.470	150	729	-.323	.041	-.180	-.490	150	844	-.326	.053	-.111	-.574
150	604	-.322	.040	-.200	-.636	150	730	-.318	.047	-.177	-.515	150	845	-.350	.053	-.167	-.559
150	605	-.340	.052	-.182	-.744	150	731	-.354	.043	-.231	-.548	150	846	-.319	.051	-.130	-.506
150	606	-.330	.033	-.231	-.449	150	732	-.342	.043	-.215	-.577	150	847	-.299	.051	-.119	-.478
150	607	-.320	.032	-.228	-.433	150	733	-.284	.055	-.084	-.507	150	848	-.287	.055	-.141	-.483
150	608	-.323	.033	-.230	-.431	150	734	-.325	.044	-.187	-.530	150	849	-.287	.042	-.127	-.470
150	609	-.339	.034	-.241	-.454	150	735	-.357	.046	-.207	-.620	150	850	-.294	.046	-.141	-.574
150	610	-.338	.036	-.221	-.523	150	736	-.308	.042	-.187	-.469	150	851	-.276	.040	-.138	-.489
150	611	-.318	.031	-.225	-.454	150	737	-.296	.043	-.174	-.477	150	852	-.280	.039	-.154	-.484
150	612	-.319	.031	-.220	-.430	150	801	-.334	.052	-.128	-.548	150	853	-.260	.040	-.013	-.421
150	613	-.341	.031	-.246	-.449	150	802	-.314	.049	-.145	-.496	150	854	-.254	.048	-.041	-.454
150	614	-.345	.032	-.259	-.467	150	803	-.328	.049	-.161	-.520	150	855	-.256	.049	-.034	-.457
150	615	-.325	.031	-.205	-.456	150	804	-.317	.051	-.104	-.527	150	856	-.319	.053	-.076	-.566
150	616	-.321	.034	-.208	-.456	150	805	-.314	.057	-.096	-.553	150	857	-.351	.056	-.200	-.580
150	617	-.338	.033	-.234	-.475	150	806	-.270	.070	-.008	-.740	150	858	-.375	.062	-.205	-.618
150	618	-.354	.034	-.231	-.539	150	807	-.293	.072	-.016	-.730	150	859	-.324	.056	-.179	-.554
150	619	-.342	.035	-.208	-.517	150	808	-.338	.068	-.125	-.629	150	860	-.303	.055	-.124	-.548
150	620	-.326	.034	-.202	-.492	150	809	-.362	.055	-.172	-.600	150	861	-.379	.069	-.197	-.649
150	621	-.338	.037	-.218	-.515	150	810	-.344	.056	-.172	-.645	150	862	-.241	.042	-.013	-.361
150	622	-.340	.035	-.216	-.534	150	811	-.333	.054	-.156	-.556	150	863	-.223	.042	-.003	-.353
150	623	-.338	.036	-.223	-.538	150	812	-.328	.055	-.163	-.532	150	864	-.257	.048	-.044	-.444
150	624	-.343	.039	-.230	-.505	150	813	-.332	.046	-.148	-.541	150	865	-.286	.056	-.113	-.497
150	625	-.354	.041	-.243	-.549	150	814	-.313	.042	-.164	-.441	150	901	-.369	.079	-.109	-1.076
150	701	-.348	.064	-.185	-.887	150	815	-.321	.042	-.177	-.465	150	902	-.406	.091	-.187	-1.030
150	702	-.353	.065	-.154	-.811	150	816	-.306	.039	-.150	-.473	150	903	-.575	.118	-.262	-1.097
150	703	-.340	.059	-.111	-.682	150	817	-.286	.055	-.005	-.519	150	904	-.488	.091	-.161	-.847
150	704	-.329	.059	-.113	-.646	150	818	-.230	.072	-.130	-.431	150	905	-.303	.095	-.073	-.845
150	705	-.335	.034	-.233	-.452	150	819	-.268	.064	-.018	-.468	150	906	-.428	.097	-.197	-1.008
150	706	-.314	.062	-.111	-.649	150	820	-.331	.054	-.069	-.628	150	907	-.397	.103	-.107	-1.179
150	707	-.344	.042	-.239	-.613	150	821	-.358	.050	-.197	-.597	150	908	-.388	.088	-.132	-.933
150	708	-.337	.046	-.210	-.623	150	822	-.339	.054	-.179	-.587	150	1001	-.344	.114	-.057	-.873
150	709	-.330	.048	-.180	-.620	150	823	-.331	.053	-.179	-.597	150	1002	-.320	.106	-.010	-.740
150	710	-.336	.048	-.193	-.554	150	824	-.319	.051	-.140	-.486	150	1003	-.283	.062	-.124	-.597
150	711	-.333	.051	-.154	-.595	150	825	-.325	.038	-.166	-.488	150	1004	-.287	.046	-.135	-.530
150	712	-.331	.053	-.128	-.575	150	826	-.307	.035	-.182	-.475	0	0	0.000	0.000	0.000	0.000
150	713	-.328	.032	-.230	-.526	150	827	-.312	.035	-.143	-.455	0	0	0.000	0.000	0.000	0.000
150	714	-.228	.034	-.221	-.533	150	828	-.301	.036	-.151	-.439	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	101	.019	.107	.354	-.337	165	208	.225	.141	.740	-.408	165	405	.196	.130	.629	-.247
165	102	.112	.135	.524	-.367	165	209	.250	.141	.841	-.099	165	406	.198	.138	.652	-.265
165	103	.170	.138	.590	-.332	165	210	.260	.137	.772	-.169	165	407	.111	.162	.612	-.523
165	104	.163	.140	.565	-.241	165	211	.274	.141	.792	-.104	165	408	.230	.160	.719	-.622
165	105	.181	.149	.702	-.274	165	212	.282	.141	.831	-.101	165	409	.283	.151	.877	-.356
165	106	.183	.151	.724	-.395	165	213	.188	.161	.802	-.344	165	410	.300	.152	.840	-.252
165	107	.177	.160	.765	-.340	165	214	.247	.135	.883	-.494	165	411	.313	.158	.939	-.178
165	108	.152	.189	.777	-.577	165	215	.263	.128	.866	-.129	165	412	.318	.163	.887	-.332
165	109	-.000	.110	.372	-.395	165	216	.284	.129	1.011	-.111	165	413	.300	.162	.787	-.287
165	110	.189	.145	.688	-.233	165	217	.285	.137	.816	-.076	165	414	.115	.172	.664	-.659
165	111	.254	.152	.739	-.164	165	218	.300	.136	.853	-.031	165	415	.245	.147	.815	-.642
165	112	.262	.156	.770	-.193	165	219	.140	.126	.717	-.331	165	416	.280	.132	.830	-.181
165	113	.264	.154	.744	-.218	165	220	.201	.112	.668	-.213	165	417	.297	.132	.748	-.106
165	114	.266	.158	.752	-.321	165	221	.217	.107	.602	-.200	165	418	.303	.135	.833	-.097
165	115	.253	.168	.762	-.418	165	222	.248	.113	.721	-.088	165	419	.300	.146	.790	-.107
165	116	.204	.196	.735	-.421	165	223	.255	.120	.699	-.061	165	420	.259	.151	.773	-.263
165	117	-.036	.137	.297	-.435	165	224	.266	.123	.780	-.026	165	421	.058	.165	.615	-.657
165	118	.173	.133	.631	-.221	165	225	.140	.105	.610	-.124	165	422	.216	.140	.666	-.414
165	119	.230	.138	.719	-.177	165	226	.199	.095	.580	-.043	165	423	.246	.125	.844	-.074
165	120	.245	.139	.706	-.246	165	227	.228	.101	.623	-.035	165	424	.246	.133	.724	-.080
165	121	.246	.154	.805	-.293	165	228	.251	.107	.645	-.005	165	425	.250	.140	.709	-.143
165	122	.247	.158	.835	-.407	165	229	.247	.112	.717	-.017	165	426	.234	.150	.758	-.241
165	123	.230	.169	.813	-.438	165	230	.256	.115	.734	-.002	165	427	.184	.153	.659	-.362
165	124	.172	.194	.740	-.453	165	231	.244	.109	.679	-.051	165	428	-.016	.176	.602	-.753
165	125	-.070	.121	.312	-.398	165	232	.261	.115	.792	-.003	165	429	.154	.147	.572	-.500
165	126	.143	.152	.588	-.205	165	301	.104	.126	.719	-.317	165	430	.142	.114	.493	-.278
165	127	.194	.154	.661	-.182	165	302	.001	.182	.563	-.694	165	431	.098	.111	.496	-.154
165	128	.211	.154	.729	-.137	165	303	.057	.128	.471	-.357	165	432	.051	.111	.500	-.320
165	129	.220	.144	.783	-.182	165	304	-.012	.146	.458	-.525	165	433	.028	.121	.436	-.387
165	130	.216	.146	.769	-.240	165	305	.301	.137	.807	-.064	165	434	.016	.135	.465	-.401
165	131	.200	.153	.726	-.400	165	306	.210	.165	.882	-.396	165	435	-.137	.159	.448	-.612
165	132	.155	.171	.693	-.474	165	307	.222	.133	.730	-.225	165	436	.164	.194	.721	-.589
165	133	-.109	.127	.370	-.453	165	308	.185	.133	.636	-.206	165	501	-.806	.205	-.364	-2.001
165	134	.022	.125	.504	-.306	165	309	.329	.139	.884	-.010	165	502	-.670	.168	-.139	-1.460
165	135	.069	.118	.562	-.291	165	310	.277	.149	.850	-.166	165	503	-.533	.172	-.153	-1.132
165	136	.077	.112	.526	-.302	165	311	.277	.135	.745	-.121	165	504	-.377	.150	-.082	-.371
165	137	.130	.117	.572	-.177	165	312	.240	.142	.724	-.302	165	505	-.378	.089	-.119	-.912
165	138	.134	.120	.593	-.251	165	313	.304	.122	.758	-.030	165	506	-.433	.074	-.089	-.810
165	139	.132	.126	.580	-.322	165	314	.280	.118	.812	-.020	165	507	-.739	.146	-.319	-1.410
165	140	.106	.134	.554	-.412	165	315	.272	.112	.636	-.045	165	508	-.687	.178	-.077	-1.622
165	141	.110	.109	.494	-.149	165	316	.219	.148	.652	-.813	165	509	-.559	.200	-.082	-1.218
165	142	-.167	.122	.162	-.575	165	317	.292	.114	.689	.020	165	510	-.418	.172	-.054	-.998
165	143	.154	.153	.770	-.218	165	318	.280	.110	.678	.015	165	511	-.406	.102	-.101	-.902
165	144	.176	.129	.641	-.258	165	319	.263	.104	.657	.022	165	512	-.445	.080	-.143	-.813
165	201	.123	.170	.709	-.408	165	320	.170	.163	.607	-.602	165	513	-.722	.153	-.377	-1.670
165	202	.136	.134	.731	-.255	165	321	.278	.119	.803	.017	165	514	-.680	.165	-.116	-1.615
165	203	.122	.129	.645	-.271	165	322	.300	.123	.862	.032	165	515	-.586	.183	-.059	-1.261
165	204	.114	.121	.563	-.266	165	401	.128	.144	.620	-.590	165	516	-.583	.173	-.035	-1.092
165	205	.086	.122	.580	-.327	165	402	.170	.134	.758	-.307	165	517	-.410	.106	-.134	-.902
165	206	.074	.117	.603	-.283	165	403	.159	.133	.688	-.327	165	518	-.425	.073	-.153	-.830
165	207	.189	.172	.764	-.459	165	404	.175	.128	.595	-.241	165	519	-.735	.171	-.213	-1.593

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	520	-.603	.173	-.489	-1.491	165	715	-.368	.049	-.254	-.605	165	829	-.316	.058	-.049	-.514
165	521	-.496	.169	-.099	-1.259	165	716	-.381	.049	-.264	-.571	165	831	-.342	.071	-.057	-.654
165	522	-.392	.142	-.071	-1.017	165	717	-.378	.052	-.248	-.621	165	832	-.399	.063	-.161	-.642
165	523	-.365	.082	-.132	-.764	165	718	-.397	.069	-.231	-.733	165	833	-.412	.059	-.236	-.628
165	524	-.346	.065	-.150	-.760	165	719	-.345	.046	-.225	-.536	165	834	-.388	.060	-.221	-.603
165	525	-.667	.172	-.176	-1.497	165	720	-.368	.048	-.235	-.568	165	835	-.383	.061	-.213	-.608
165	526	-.621	.190	-.084	-1.437	165	721	-.377	.046	-.261	-.555	165	836	-.381	.065	-.171	-.605
165	527	-.469	.142	-.129	-1.077	165	722	-.366	.047	-.244	-.543	165	837	-.339	.044	-.167	-.541
165	528	-.381	.109	-.114	-.813	165	723	-.373	.053	-.243	-.567	165	838	-.314	.039	-.169	-.471
165	529	-.368	.078	-.180	-.733	165	724	-.379	.070	-.235	-.755	165	839	-.322	.039	-.184	-.470
165	530	-.372	.069	-.182	-.776	165	725	-.372	.044	-.258	-.527	165	840	-.321	.045	-.111	-.488
165	531	-.463	.088	-.130	-.867	165	726	-.380	.052	-.259	-.601	165	841	-.314	.054	-.041	-.483
165	601	-.361	.058	-.206	-.652	165	727	-.362	.049	-.236	-.560	165	842	-.296	.067	-.028	-.512
165	602	-.364	.062	-.192	-.702	165	728	-.356	.049	-.223	-.547	165	843	-.350	.068	-.094	-.633
165	603	-.355	.061	-.182	-.690	165	729	-.367	.051	-.233	-.598	165	844	-.416	.064	-.218	-.678
165	604	-.354	.060	-.183	-.676	165	730	-.360	.067	-.190	-.709	165	845	-.417	.059	-.262	-.626
165	605	-.372	.058	-.210	-.674	165	731	-.381	.048	-.249	-.593	165	846	-.387	.059	-.232	-.623
165	606	-.357	.058	-.173	-.728	165	732	-.380	.052	-.239	-.656	165	847	-.382	.059	-.224	-.615
165	607	-.343	.053	-.162	-.672	165	733	-.341	.054	-.119	-.552	165	848	-.367	.062	-.141	-.577
165	608	-.342	.052	-.202	-.600	165	734	-.372	.051	-.236	-.583	165	849	-.308	.046	-.159	-.564
165	609	-.356	.050	-.231	-.547	165	735	-.394	.055	-.268	-.666	165	850	-.321	.040	-.176	-.484
165	610	-.368	.048	-.231	-.562	165	736	-.349	.050	-.226	-.537	165	851	-.300	.041	-.122	-.473
165	611	-.347	.057	-.198	-.666	165	737	-.339	.052	-.206	-.540	165	852	-.312	.046	-.107	-.509
165	612	-.342	.052	-.193	-.595	165	801	-.367	.059	-.195	-.590	165	853	-.312	.054	-.085	-.514
165	613	-.359	.049	-.235	-.586	165	802	-.349	.056	-.158	-.561	165	854	-.323	.066	-.036	-.548
165	614	-.349	.045	-.226	-.552	165	803	-.365	.058	-.167	-.608	165	855	-.344	.070	-.076	-.639
165	615	-.333	.043	-.223	-.517	165	804	-.371	.059	-.158	-.660	165	856	-.403	.064	-.232	-.670
165	616	-.323	.049	-.190	-.570	165	805	-.367	.064	-.158	-.681	165	857	-.409	.066	-.234	-.722
165	617	-.337	.046	-.208	-.517	165	806	-.337	.074	-.086	-.681	165	858	-.410	.073	-.218	-.793
165	618	-.357	.048	-.241	-.581	165	807	-.361	.079	-.044	-.691	165	859	-.372	.067	-.184	-.743
165	619	-.342	.045	-.228	-.547	165	808	-.409	.072	-.193	-.824	165	860	-.370	.067	-.195	-.748
165	620	-.329	.043	-.215	-.543	165	809	-.432	.064	-.239	-.688	165	861	-.399	.075	-.177	-.795
165	621	-.350	.052	-.228	-.608	165	810	-.424	.070	-.244	-.719	165	862	-.303	.044	-.101	-.457
165	622	-.352	.049	-.223	-.547	165	811	-.415	.071	-.200	-.693	165	863	-.283	.056	-.223	-.460
165	623	-.345	.049	-.218	-.550	165	812	-.396	.072	-.205	-.645	165	864	-.355	.069	-.146	-.658
165	624	-.348	.048	-.221	-.555	165	813	-.368	.048	-.195	-.621	165	865	-.354	.059	-.180	-.619
165	625	-.350	.044	-.216	-.512	165	814	-.347	.045	-.177	-.616	165	901	-.439	.087	-.219	-1.475
165	701	-.371	.063	-.190	-.636	165	815	-.356	.046	-.192	-.558	165	902	-.485	.093	-.221	-.936
165	702	-.387	.064	-.215	-.676	165	816	-.346	.050	-.128	-.541	165	903	-.546	.101	-.304	-1.153
165	703	-.377	.065	-.202	-.781	165	817	-.334	.058	-.124	-.541	165	904	-.539	.094	-.169	-1.052
165	704	-.376	.068	-.178	-.932	165	818	-.300	.067	-.010	-.520	165	905	-.406	.109	-.020	-.990
165	705	-.390	.052	-.269	-.583	165	819	-.336	.065	-.083	-.592	165	906	-.538	.117	-.205	-1.244
165	706	-.381	.076	-.187	-.804	165	820	-.391	.066	-.154	-.634	165	907	-.491	.108	-.179	-1.219
165	707	-.369	.052	-.223	-.562	165	821	-.423	.063	-.237	-.657	165	908	-.483	.100	-.218	-1.083
165	708	-.360	.052	-.205	-.547	165	822	-.418	.074	-.231	-.668	165	1001	-.343	.123	-.029	-.954
165	709	-.362	.054	-.205	-.609	165	823	-.412	.073	-.211	-.642	165	1002	-.484	.118	-.156	-1.026
165	710	-.377	.054	-.216	-.639	165	824	-.402	.067	-.195	-.667	165	1003	-.348	.078	-.164	-.713
165	711	-.383	.055	-.243	-.595	165	825	-.354	.048	-.182	-.569	165	1004	-.311	.051	-.154	-.574
165	712	-.395	.069	-.220	-.704	165	826	-.330	.043	-.171	-.491	0	0	0.000	0.000	0.000	0.000
165	713	-.346	.047	-.241	-.543	165	827	-.336	.045	-.195	-.502	0	0	0.000	0.000	0.000	0.000
165	714	-.350	.049	-.238	-.560	165	828	-.332	.044	-.102	-.496	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	101	.090	.121	.549	-.429	180	208	.251	.114	.705	-.225	180	405	.155	.122	.574	-.269
180	102	.175	.133	.741	-.274	180	209	.269	.110	.671	-.051	180	406	.114	.124	.585	-.331
180	103	.206	.122	.756	-.206	180	210	.278	.110	.733	-.020	180	407	-.048	.129	.397	-.559
180	104	.199	.121	.726	-.182	180	211	.301	.115	.719	-.027	180	408	.262	.153	.812	-.374
180	105	.195	.120	.632	-.143	180	212	.322	.124	.809	.015	180	409	.303	.124	.791	-.160
180	106	.192	.117	.648	-.164	180	213	.249	.140	.696	-.187	180	410	.285	.124	.755	-.063
180	107	.188	.117	.595	-.212	180	214	.298	.119	.673	-.220	180	411	.286	.123	.766	-.018
180	108	.169	.117	.582	-.262	180	215	.313	.111	.665	.007	180	412	.260	.126	.721	-.068
180	109	.064	.123	.514	-.282	180	216	.329	.113	.703	.010	180	413	.191	.126	.669	-.172
180	110	.259	.135	.768	-.071	180	217	.343	.122	.751	-.075	180	414	-.062	.128	.504	-.567
180	111	.311	.134	.778	-.027	180	218	.366	.129	.841	-.035	180	415	.300	.154	.771	-.172
180	112	.322	.134	.787	-.010	180	219	.229	.130	.705	-.255	180	416	.340	.128	.789	-.065
180	113	.358	.134	.834	.012	180	220	.272	.117	.671	-.157	180	417	.325	.129	.857	-.013
180	114	.358	.131	.773	.010	180	221	.290	.111	.665	-.071	180	418	.306	.131	.836	-.193
180	115	.347	.128	.723	-.003	180	222	.312	.113	.716	.015	180	419	.246	.123	.742	-.063
180	116	.305	.121	.733	-.030	180	223	.330	.117	.771	.046	180	420	.154	.122	.617	-.173
180	117	.028	.120	.522	-.330	180	224	.343	.122	.869	.041	180	421	-.103	.122	.335	-.601
180	118	.248	.129	.763	-.088	180	225	.225	.105	.627	-.146	180	422	.228	.145	.737	-.342
180	119	.298	.132	.814	-.027	180	226	.255	.101	.661	-.071	180	423	.257	.115	.773	-.019
180	120	.312	.132	.844	-.030	180	227	.274	.101	.701	-.020	180	424	.239	.114	.743	-.062
180	121	.342	.127	.786	.050	180	228	.286	.104	.746	.015	180	425	.220	.112	.695	-.084
180	122	.339	.127	.786	.002	180	229	.312	.108	.744	.043	180	426	.178	.115	.599	-.209
180	123	.330	.127	.754	-.017	180	230	.323	.110	.731	.038	180	427	.094	.111	.591	-.219
180	124	.299	.123	.816	-.075	180	231	.304	.104	.716	.053	180	428	-.171	.121	.316	-.595
180	125	-.009	.112	.434	-.310	180	232	.316	.105	.746	.061	180	429	.114	.132	.578	-.433
180	126	.209	.105	.652	-.063	180	301	.071	.089	.468	-.173	180	430	.129	.097	.541	-.193
180	127	.258	.108	.766	-.030	180	302	.106	.102	.595	-.465	180	431	.116	.095	.518	-.163
180	128	.275	.113	.787	-.017	180	303	.134	.106	.574	-.387	180	432	.041	.090	.360	-.348
180	129	.302	.119	.821	-.010	180	304	.106	.142	.546	-.402	180	433	.005	.093	.390	-.394
180	130	.305	.120	.782	-.050	180	305	.322	.114	.818	.036	180	434	-.015	.100	.412	-.510
180	131	.305	.122	.769	-.007	180	306	.332	.121	.860	-.193	180	435	-.210	.105	.355	-.572
180	132	.290	.123	.754	-.113	180	307	.324	.120	.697	-.096	180	436	.104	.196	.690	-.484
180	133	-.017	.119	.484	-.350	180	308	.283	.138	.727	-.159	180	501	-.495	.116	-.259	-1.868
180	134	.147	.109	.557	-.153	180	309	.374	.123	.823	-.045	180	502	-.490	.097	-.243	-1.170
180	135	.203	.111	.638	-.104	180	310	.377	.131	.859	-.107	180	503	-.505	.114	-.147	-1.286
180	136	.219	.111	.719	-.065	180	311	.366	.128	.826	-.063	180	504	-.490	.118	-.052	-1.087
180	137	.244	.105	.688	-.078	180	312	.300	.150	.818	-.332	180	505	-.460	.116	-.024	-.946
180	138	.256	.106	.686	-.050	180	313	.367	.121	1.008	.060	180	506	-.451	.124	-.097	-.983
180	139	.266	.106	.643	-.020	180	314	.371	.128	1.679	.011	180	507	-.489	.112	-.251	-1.367
180	140	.252	.103	.592	-.050	180	315	.357	.124	1.613	.037	180	508	-.503	.108	-.212	-1.262
180	141	.201	.090	.570	-.025	180	316	.262	.145	.901	-.400	180	509	-.507	.110	-.201	-1.069
180	142	-.138	.097	.245	-.654	180	317	.320	.111	.807	-.050	180	510	-.481	.104	-.175	-.969
180	143	.247	.127	.784	-.065	180	318	.321	.117	.928	-.002	180	511	-.465	.109	-.076	-.901
180	144	.288	.098	.695	-.050	180	319	.292	.104	.812	-.003	180	512	-.467	.122	-.096	-1.068
180	201	.058	.160	.527	-.423	180	320	.133	.132	.530	-.541	180	513	-.471	.096	-.253	-1.035
180	202	.104	.098	.453	-.302	180	321	.321	.109	.780	.063	180	514	-.476	.098	-.227	-1.022
180	203	.096	.090	.438	-.202	180	322	.337	.112	.849	.091	180	515	-.486	.103	-.183	-1.084
180	204	.087	.088	.426	-.214	180	401	.128	.155	.656	-.423	180	516	-.462	.096	-.112	-1.038
180	205	.084	.096	.472	-.171	180	402	.163	.118	.588	-.198	180	517	-.455	.094	-.152	-.880
180	206	.090	.094	.491	-.189	180	403	.157	.119	.543	-.217	180	518	-.464	.114	-.128	-.980
180	207	.204	.152	.811	-.292	180	404	.158	.120	.559	-.249	180	519	-.472	.111	-.259	-1.306

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	520	-.408	.090	-.170	-.843	180	715	-.342	.038	-.225	-.467	180	829	-.334	.078	.081	-.586
180	521	-.418	.094	-.150	-.976	180	716	-.350	.041	-.230	-.504	180	831	-.356	.090	.034	-.733
180	522	-.405	.089	-.117	-.818	180	717	-.344	.044	-.222	-.536	180	832	-.440	.076	-.192	-.773
180	523	-.395	.091	-.064	-.739	180	718	-.362	.050	-.212	-.578	180	833	-.464	.068	-.281	-.729
180	524	-.402	.112	-.016	-1.053	180	719	-.305	.036	-.202	-.426	180	834	-.431	.067	-.231	-.722
180	525	-.437	.106	-.197	-1.113	180	720	-.325	.037	-.221	-.453	180	835	-.423	.068	-.238	-.680
180	526	-.439	.108	-.201	-1.157	180	721	-.332	.038	-.174	-.487	180	836	-.421	.067	-.169	-.674
180	527	-.439	.104	-.174	-1.015	180	722	-.325	.037	-.188	-.527	180	837	-.350	.048	-.187	-.561
180	528	-.408	.101	-.176	-1.014	180	723	-.328	.041	-.206	-.581	180	838	-.325	.050	-.086	-.478
180	529	-.386	.090	-.161	-.836	180	724	-.345	.048	-.214	-.574	180	839	-.334	.054	-.072	-.490
180	530	-.409	.101	-.181	-.848	180	725	-.316	.036	-.199	-.466	180	840	-.334	.058	-.029	-.503
180	531	-.380	.055	-.216	-.680	180	726	-.340	.041	-.219	-.490	180	841	-.338	.074	.039	-.634
180	601	-.355	.080	-.109	-.713	180	727	-.326	.041	-.216	-.474	180	842	-.339	.091	.148	-.687
180	602	-.349	.068	-.133	-.866	180	728	-.329	.043	-.179	-.497	180	843	-.400	.094	-.039	-.696
180	603	-.336	.059	-.146	-.752	180	729	-.345	.046	-.194	-.602	180	844	-.454	.075	-.242	-.763
180	604	-.336	.054	-.166	-.594	180	730	-.330	.048	-.209	-.607	180	845	-.451	.064	-.280	-.698
180	605	-.353	.053	-.183	-.609	180	731	-.333	.037	-.227	-.477	180	846	-.416	.062	-.244	-.644
180	606	-.348	.071	-.145	-.662	180	732	-.328	.039	-.227	-.487	180	847	-.408	.063	-.215	-.623
180	607	-.317	.058	-.153	-.530	180	733	-.308	.040	-.179	-.477	180	848	-.400	.070	-.199	-.722
180	608	-.310	.051	-.165	-.485	180	734	-.336	.040	-.217	-.482	180	849	-.339	.049	-.185	-.581
180	609	-.323	.047	-.184	-.515	180	735	-.339	.042	-.206	-.489	180	850	-.332	.046	-.016	-.516
180	610	-.335	.046	-.199	-.530	180	736	-.313	.041	-.173	-.500	180	851	-.319	.050	-.055	-.462
180	611	-.334	.066	-.150	-.591	180	737	-.306	.041	-.165	-.479	180	852	-.330	.057	-.010	-.431
180	612	-.309	.053	-.163	-.509	180	801	-.376	.063	-.192	-.711	180	853	-.334	.065	-.005	-.612
180	613	-.316	.046	-.156	-.518	180	802	-.358	.061	-.163	-.693	180	854	-.370	.080	.020	-.696
180	614	-.320	.043	-.183	-.471	180	803	-.377	.063	-.171	-.643	180	855	-.399	.080	-.089	-.775
180	615	-.310	.040	-.170	-.466	180	804	-.362	.067	-.070	-.571	180	856	-.439	.073	-.200	-.765
180	616	-.334	.066	-.127	-.599	180	805	-.356	.078	-.072	-.648	180	857	-.430	.066	-.252	-.721
180	617	-.325	.052	-.170	-.525	180	806	-.324	.082	-.020	-.677	180	858	-.428	.071	-.238	-.744
180	618	-.322	.043	-.183	-.467	180	807	-.370	.078	-.093	-.649	180	859	-.392	.066	-.205	-.693
180	619	-.302	.036	-.188	-.420	180	808	-.442	.068	-.220	-.670	180	860	-.389	.069	-.215	-.693
180	620	-.297	.034	-.194	-.406	180	809	-.494	.059	-.303	-.682	180	861	-.416	.073	-.208	-.827
180	621	-.259	.071	-.168	-.675	180	810	-.487	.066	-.303	-.747	180	862	-.311	.051	-.067	-.464
180	622	-.337	.049	-.193	-.584	180	811	-.472	.067	-.296	-.737	180	863	-.309	.067	-.020	-.589
180	623	-.320	.044	-.193	-.540	180	812	-.455	.071	-.265	-.724	180	864	-.392	.070	-.158	-.636
180	624	-.307	.039	-.176	-.457	180	813	-.362	.051	-.189	-.605	180	865	-.384	.065	-.188	-.676
180	625	-.306	.036	-.173	-.448	180	814	-.343	.050	-.168	-.529	180	901	-.487	.069	-.265	-.747
180	701	-.356	.057	-.145	-.558	180	815	-.355	.055	-.145	-.574	180	902	-.498	.071	-.251	-.812
180	702	-.363	.058	-.138	-.658	180	816	-.339	.069	-.063	-.547	180	903	-.430	.079	-.229	-1.172
180	703	-.351	.056	-.161	-.612	180	817	-.323	.080	-.055	-.605	180	904	-.458	.089	-.226	-.963
180	704	-.350	.057	-.171	-.630	180	818	-.287	.080	.070	-.540	180	905	-.421	.098	-.166	-.869
180	705	-.364	.044	-.245	-.505	180	819	-.335	.079	.142	-.620	180	906	-.522	.111	-.044	-1.155
180	706	-.350	.059	-.170	-.607	180	820	-.417	.070	-.156	-.711	180	907	-.502	.078	-.288	-1.004
180	707	-.338	.046	-.193	-.520	180	821	-.479	.065	-.290	-.779	180	908	-.503	.072	-.281	-.940
180	708	-.332	.045	-.196	-.482	180	822	-.468	.068	-.262	-.711	180	1001	-.337	.126	-.037	-.879
180	709	-.335	.046	-.188	-.482	180	823	-.455	.068	-.234	-.683	180	1002	-.372	.088	-.138	-.940
180	710	-.249	.047	-.209	-.487	180	824	-.448	.068	-.236	-.718	180	1003	-.297	.061	-.151	-.568
180	711	-.262	.047	-.181	-.558	180	825	-.358	.049	-.194	-.565	180	1004	-.295	.053	-.120	-.511
180	712	-.353	.051	-.199	-.535	180	826	-.338	.049	-.179	-.496	0	0	0.000	0.000	0.000	0.000
180	713	-.321	.037	-.214	-.451	180	827	-.345	.056	-.054	-.532	0	0	0.000	0.000	0.000	0.000
180	714	-.324	.037	-.209	-.459	180	828	-.347	.064	-.008	-.550	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	101	.186	.141	.658	-.256	195	208	.132	.129	.501	-.370	195	405	.096	.114	.478	-.333
195	102	.224	.142	.682	-.205	195	209	.155	.120	.552	-.304	195	406	.046	.114	.429	-.382
195	103	.214	.132	.673	-.139	195	210	.183	.120	.573	-.296	195	407	-.118	.108	.223	-.508
195	104	.193	.126	.606	-.157	195	211	.215	.109	.611	-.111	195	408	.175	.172	.785	-.584
195	105	.189	.118	.714	-.226	195	212	.273	.118	.844	-.030	195	409	.244	.120	.734	-.293
195	106	.165	.116	.626	-.283	195	213	.127	.110	.562	-.210	195	410	.223	.120	.704	-.112
195	107	.141	.117	.628	-.192	195	214	.168	.120	.578	-.226	195	411	.225	.125	.712	-.102
195	108	.082	.109	.461	-.203	195	215	.207	.120	.590	-.253	195	412	.196	.125	.665	-.176
195	109	.192	.148	.689	-.248	195	216	.237	.124	.621	-.192	195	413	.123	.119	.631	-.332
195	110	.341	.149	.853	-.097	195	217	.267	.112	.704	-.134	195	414	-.123	.109	.259	-.478
195	111	.351	.141	.849	-.030	195	218	.328	.118	.897	.013	195	415	.194	.149	.677	-.512
195	112	.336	.134	.801	.012	195	219	.155	.095	.555	-.236	195	416	.260	.107	.675	-.066
195	113	.318	.124	.737	-.005	195	220	.176	.104	.562	-.337	195	417	.239	.106	.618	-.026
195	114	.296	.119	.702	-.012	195	221	.217	.107	.646	-.212	195	418	.221	.108	.614	-.102
195	115	.271	.113	.709	-.017	195	222	.239	.113	.734	-.145	195	419	.186	.108	.555	-.141
195	116	.197	.107	.568	-.117	195	223	.257	.109	.729	-.093	195	420	.094	.106	.478	-.269
195	117	.150	.143	.625	-.288	195	224	.300	.111	.930	-.048	195	421	-.145	.100	.214	-.553
195	118	.334	.137	.755	-.012	195	225	.155	.098	.486	-.344	195	422	.156	.140	.646	-.406
195	119	.353	.132	.783	.017	195	226	.185	.089	.501	-.225	195	423	.219	.101	.594	-.096
195	120	.347	.127	.790	.031	195	227	.209	.085	.583	-.131	195	424	.206	.105	.597	-.037
195	121	.324	.112	.730	.046	195	228	.220	.088	.611	-.079	195	425	.194	.109	.602	-.121
195	122	.305	.109	.696	.012	195	229	.233	.100	.704	-.175	195	426	.154	.114	.696	-.159
195	123	.283	.106	.686	-.028	195	230	.258	.099	.757	-.040	195	427	.060	.108	.458	-.277
195	124	.241	.100	.711	-.116	195	231	.228	.092	.583	-.012	195	428	-.188	.110	.306	-.513
195	125	.132	.139	.803	-.289	195	232	.247	.092	.633	.012	195	429	.073	.113	.461	-.429
195	126	.283	.131	.747	-.297	195	301	.076	.100	.453	-.210	195	430	.088	.082	.631	-.206
195	127	.305	.114	.813	-.003	195	302	.130	.123	.560	-.189	195	431	.088	.080	.453	-.150
195	128	.299	.107	.851	.063	195	303	.165	.127	.677	-.201	195	432	.022	.088	.431	-.225
195	129	.307	.110	.735	.068	195	304	.139	.140	.609	-.457	195	433	-.008	.092	.503	-.231
195	130	.292	.106	.762	.046	195	305	.302	.122	.743	.005	195	434	-.021	.096	.474	-.316
195	131	.270	.100	.702	.048	195	306	.321	.139	1.062	-.018	195	435	-.206	.094	.231	-.500
195	132	.252	.094	.640	-.007	195	307	.328	.139	.858	-.113	195	436	.050	.179	.665	-.495
195	133	.110	.138	.623	-.299	195	308	.269	.143	.727	-.309	195	501	-.405	.068	-.230	-.722
195	134	.214	.120	.716	-.104	195	309	.357	.119	.795	.063	195	502	-.408	.074	-.219	-.834
195	135	.233	.110	.630	-.068	195	310	.365	.132	.850	.034	195	503	-.430	.094	-.183	-1.030
195	136	.236	.103	.626	-.020	195	311	.375	.135	.842	-.065	195	504	-.433	.100	-.026	-.981
195	137	.247	.088	.687	.036	195	312	.289	.144	.858	-.256	195	505	-.427	.098	-.102	-.864
195	138	.250	.084	.643	.059	195	313	.330	.108	.816	.065	195	506	-.425	.116	-.070	-.876
195	139	.238	.077	.539	.010	195	314	.339	.122	.955	.037	195	507	-.375	.060	-.191	-.741
195	140	.213	.074	.506	-.012	195	315	.347	.122	.793	-.008	195	508	-.391	.059	-.215	-.641
195	141	.224	.094	.635	-.005	195	316	.212	.137	.659	-.442	195	509	-.406	.068	-.199	-.753
195	142	-.065	.113	.385	-.544	195	317	.278	.098	.599	-.037	195	510	-.411	.072	-.170	-.759
195	143	.290	.131	.836	-.033	195	318	.280	.106	.667	-.063	195	511	-.428	.080	-.124	-.737
195	144	.282	.090	.656	.074	195	319	.270	.101	.766	-.011	195	512	-.456	.107	-.010	-.960
195	201	-.105	.131	.344	-.507	195	320	.135	.117	.542	-.355	195	513	-.383	.058	-.212	-.675
195	202	.003	.113	.322	-.478	195	321	.260	.103	.694	-.071	195	514	-.385	.060	-.207	-.717
195	203	.021	.109	.360	-.583	195	322	.279	.106	.772	.011	195	515	-.404	.066	-.223	-.753
195	204	.028	.119	.421	-.666	195	401	.086	.172	.605	-.617	195	516	-.421	.073	-.207	-.839
195	205	.040	.095	.403	-.390	195	402	.129	.117	.562	-.277	195	517	-.438	.076	-.136	-.829
195	206	.099	.112	.762	-.182	195	403	.106	.112	.505	-.303	195	518	-.458	.101	-.117	-1.052
195	207	.073	.127	.516	-.322	195	404	.106	.112	.510	-.371	195	519	-.406	.066	-.219	-.759

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	520	-.366	.067	-.188	-.931	195	715	-.367	.049	-.228	-.585	195	829	-.246	.097	-.140	-.607
195	521	-.375	.072	-.177	-.946	195	716	-.383	.058	-.231	-.638	195	831	-.429	.100	-.054	-.763
195	522	-.383	.071	-.180	-.917	195	717	-.367	.061	-.205	-.691	195	832	-.543	.087	-.284	-.899
195	523	-.390	.071	-.129	-.732	195	718	-.380	.062	-.164	-.684	195	833	-.561	.076	-.343	-.894
195	524	-.465	.095	-.162	-.883	195	719	-.306	.045	-.169	-.532	195	834	-.524	.071	-.313	-.818
195	525	-.397	.072	-.216	-.810	195	720	-.334	.049	-.190	-.527	195	835	-.525	.070	-.307	-.793
195	526	-.394	.073	-.167	-.780	195	721	-.371	.052	-.213	-.635	195	836	-.514	.069	-.308	-.918
195	527	-.393	.078	-.167	-.891	195	722	-.381	.058	-.230	-.666	195	837	-.347	.057	-.142	-.602
195	528	-.380	.076	-.149	-.979	195	723	-.390	.066	-.225	-.749	195	838	-.281	.061	-.051	-.562
195	529	-.376	.074	-.102	-.686	195	724	-.398	.074	-.180	-.828	195	839	-.277	.069	-.012	-.521
195	530	-.402	.085	-.131	-.741	195	725	-.313	.043	-.185	-.466	195	840	-.271	.088	.089	-.589
195	531	-.368	.054	-.217	-.612	195	726	-.330	.049	-.164	-.559	195	841	-.345	.105	.185	-.724
195	601	-.332	.073	-.069	-.883	195	727	-.330	.057	-.165	-.595	195	842	-.431	.108	.184	-.790
195	602	-.339	.068	-.107	-.820	195	728	-.355	.067	-.180	-.658	195	843	-.515	.099	-.013	-.876
195	603	-.337	.061	-.142	-.651	195	729	-.412	.085	-.193	-.889	195	844	-.546	.086	-.160	-.892
195	604	-.346	.058	-.116	-.610	195	730	-.392	.078	-.172	-.747	195	845	-.540	.079	-.236	-.840
195	605	-.364	.056	-.147	-.625	195	731	-.318	.038	-.197	-.483	195	846	-.516	.077	-.173	-.910
195	606	-.319	.057	-.147	-.622	195	732	-.306	.038	-.202	-.466	195	847	-.510	.073	-.223	-.790
195	607	-.301	.051	-.144	-.598	195	733	-.343	.065	-.177	-.678	195	848	-.481	.082	-.239	-.867
195	608	-.310	.049	-.162	-.544	195	734	-.378	.062	-.217	-.643	195	849	-.331	.057	-.051	-.633
195	609	-.332	.049	-.185	-.564	195	735	-.322	.042	-.200	-.507	195	850	-.304	.060	.002	-.536
195	610	-.351	.048	-.195	-.541	195	736	-.371	.070	-.223	-.802	195	851	-.279	.064	.016	-.528
195	611	-.306	.054	-.106	-.524	195	737	-.355	.067	-.202	-.764	195	852	-.306	.076	.058	-.646
195	612	-.284	.047	-.071	-.481	195	801	-.385	.072	-.168	-.694	195	853	-.358	.094	.106	-.683
195	613	-.303	.046	-.117	-.496	195	802	-.350	.081	-.033	-.701	195	854	-.441	.093	.068	-.793
195	614	-.324	.044	-.164	-.491	195	803	-.369	.092	-.104	-.744	195	855	-.472	.084	-.147	-.861
195	615	-.323	.044	-.187	-.484	195	804	-.333	.100	.030	-.679	195	856	-.502	.084	-.200	-.884
195	616	-.310	.056	-.023	-.537	195	805	-.341	.099	.063	-.762	195	857	-.505	.077	-.300	-.815
195	617	-.296	.047	-.063	-.473	195	806	-.327	.092	.035	-.734	195	858	-.526	.095	-.249	-.933
195	618	-.295	.047	-.131	-.503	195	807	-.390	.086	-.102	-.732	195	859	-.486	.089	-.224	-.869
195	619	-.287	.045	-.136	-.468	195	808	-.493	.080	-.229	-.790	195	860	-.483	.088	-.181	-.864
195	620	-.295	.047	-.122	-.494	195	809	-.557	.068	-.308	-.803	195	861	-.519	.099	-.236	-.907
195	621	-.354	.057	-.213	-.597	195	810	-.557	.068	-.287	-.881	195	862	-.272	.064	.000	-.452
195	622	-.347	.050	-.177	-.557	195	811	-.548	.068	-.267	-.820	195	863	-.338	.073	.087	-.582
195	623	-.330	.050	-.131	-.527	195	812	-.525	.069	-.287	-.806	195	864	-.461	.071	-.195	-.801
195	624	-.321	.053	-.149	-.501	195	813	-.349	.053	-.185	-.589	195	865	-.417	.069	-.197	-.878
195	625	-.315	.051	-.154	-.517	195	814	-.301	.063	-.087	-.585	195	901	-.551	.068	-.310	-.828
195	701	-.357	.057	-.157	-.567	195	815	-.283	.080	-.010	-.643	195	902	-.557	.073	-.308	-.950
195	702	-.365	.055	-.175	-.597	195	816	-.215	.099	.101	-.650	195	903	-.482	.132	-.175	-.1409
195	703	-.355	.053	-.188	-.547	195	817	-.230	.098	.163	-.648	195	904	-.495	.121	-.137	-.1202
195	704	-.348	.054	-.164	-.541	195	818	-.260	.092	.106	-.665	195	905	-.426	.102	-.150	-.1067
195	705	-.355	.041	-.233	-.488	195	819	-.353	.090	.145	-.689	195	906	-.540	.117	-.221	-.1252
195	706	-.348	.064	-.144	-.633	195	820	-.481	.081	-.200	-.777	195	907	-.553	.077	-.303	-.915
195	707	-.342	.047	-.185	-.511	195	821	-.557	.070	-.303	-.811	195	908	-.557	.068	-.317	-.834
195	708	-.341	.047	-.200	-.541	195	822	-.545	.069	-.308	-.810	195	1001	-.273	.116	.089	-.1075
195	709	-.345	.049	-.197	-.555	195	823	-.541	.068	-.290	-.788	195	1002	-.318	.076	-.081	-.688
195	710	-.356	.051	-.217	-.560	195	824	-.525	.066	-.244	-.777	195	1003	-.280	.051	-.132	-.600
195	711	-.361	.051	-.188	-.617	195	825	-.329	.054	-.134	-.539	195	1004	-.291	.046	-.139	-.554
195	712	-.356	.056	-.179	-.605	195	826	-.282	.056	-.071	-.498	0	0	0.000	0.000	0.000	0.000
195	713	-.328	.043	-.200	-.509	195	827	-.250	.069	-.018	-.486	0	0	0.000	0.000	0.000	0.000
195	714	-.342	.046	-.220	-.541	195	828	-.213	.082	.180	-.521	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	101	.278	.136	.765	-.070	210	208	.037	.098	.359	-.398	210	405	.031	.089	.350	-.297
210	102	.243	.119	.634	-.115	210	209	.061	.118	.443	-.331	210	406	-.026	.089	.307	-.320
210	103	.199	.109	.577	-.105	210	210	.049	.155	.477	-.536	210	407	-.198	.077	.685	-.452
210	104	.172	.103	.507	-.139	210	211	.151	.128	.595	-.327	210	408	.212	.137	.674	-.273
210	105	.158	.099	.512	-.117	210	212	.201	.125	.889	-.031	210	409	.240	.097	.588	.005
210	106	.120	.092	.531	-.144	210	213	.099	.084	.431	-.302	210	410	.187	.097	.700	-.067
210	107	.076	.087	.398	-.222	210	214	.110	.098	.436	-.387	210	411	.147	.092	.518	-.084
210	108	.009	.065	.244	-.188	210	215	.129	.115	.517	-.358	210	412	.112	.090	.491	-.130
210	109	.303	.146	.834	-.105	210	216	.120	.142	.597	-.382	210	413	.032	.082	.353	-.219
210	110	.367	.131	.853	.049	210	217	.198	.111	.646	-.215	210	414	-.214	.070	.169	-.431
210	111	.343	.121	.816	.044	210	218	.305	.116	.867	.022	210	415	.216	.123	.672	-.227
210	112	.317	.114	.761	.019	210	219	.122	.078	.397	-.220	210	416	.248	.086	.588	-.005
210	113	.301	.108	.665	.036	210	220	.126	.090	.477	-.337	210	417	.201	.082	.519	-.005
210	114	.254	.101	.614	-.029	210	221	.130	.097	.500	-.293	210	418	.171	.082	.486	-.059
210	115	.208	.095	.568	-.102	210	222	.132	.115	.513	-.354	210	419	.126	.081	.442	-.097
210	116	.127	.080	.397	-.080	210	223	.177	.099	.573	-.141	210	420	.017	.076	.327	-.204
210	117	.262	.141	.807	-.137	210	224	.277	.102	.741	.034	210	421	-.237	.070	.062	-.460
210	118	.372	.121	.882	.047	210	225	.112	.103	.485	-.451	210	422	.190	.115	.641	-.394
210	119	.363	.112	.816	.068	210	226	.143	.089	.522	-.185	210	423	.205	.080	.588	.008
210	120	.340	.106	.756	.047	210	227	.166	.089	.514	-.287	210	424	.165	.077	.547	-.030
210	121	.327	.099	.821	.097	210	228	.170	.096	.522	-.173	210	425	.144	.077	.537	-.344
210	122	.286	.093	.692	.054	210	229	.171	.097	.521	-.227	210	426	.092	.077	.447	-.113
210	123	.247	.088	.583	.049	210	230	.230	.095	.702	-.175	210	427	-.001	.071	.343	-.240
210	124	.201	.078	.519	.029	210	231	.181	.083	.493	-.129	210	428	-.268	.076	.084	-.542
210	125	.237	.141	.697	-.146	210	232	.195	.078	.485	-.097	210	429	.087	.088	.444	-.215
210	126	.362	.112	.705	.097	210	301	.082	.111	.600	-.242	210	430	.078	.061	.434	-.115
210	127	.356	.101	.729	.115	210	302	.102	.128	.664	-.334	210	431	.065	.055	.359	-.104
210	128	.333	.092	.711	.115	210	303	.183	.140	.721	-.362	210	432	-.004	.056	.271	-.171
210	129	.307	.088	.621	.036	210	304	.178	.139	.756	-.605	210	433	-.036	.057	.299	-.217
210	130	.285	.085	.604	.058	210	305	.283	.115	.763	-.049	210	434	-.044	.060	.270	-.243
210	131	.249	.081	.551	.049	210	306	.267	.125	.744	-.095	210	435	-.245	.063	.025	-.473
210	132	.230	.077	.502	.036	210	307	.324	.137	.873	-.130	210	436	.025	.132	.467	-.419
210	133	.177	.132	.661	-.241	210	308	.307	.134	.966	-.233	210	501	-.373	.056	-.171	-.697
210	134	.248	.108	.743	-.114	210	309	.313	.108	.769	.664	210	502	-.381	.059	-.220	-.726
210	135	.257	.096	.746	-.041	210	310	.296	.123	.846	-.013	210	503	-.408	.076	-.215	-.863
210	136	.256	.090	.726	.039	210	311	.348	.130	.868	-.671	210	504	-.430	.085	-.182	-1.086
210	137	.271	.079	.558	.078	210	312	.321	.128	1.047	-.187	210	505	-.433	.089	-.156	-1.254
210	138	.268	.076	.560	.092	210	313	.284	.094	.712	-.020	210	506	-.438	.109	-.097	-1.293
210	139	.239	.072	.541	.070	210	314	.274	.104	.708	-.054	210	507	-.363	.051	-.177	-.562
210	140	.203	.069	.517	.029	210	315	.325	.115	.777	-.094	210	508	-.380	.051	-.225	-.593
210	141	.255	.084	.605	.031	210	316	.266	.116	.659	-.097	210	509	-.398	.056	-.265	-.702
210	142	.004	.105	.407	-.414	210	317	.212	.088	.575	-.031	210	510	-.409	.058	-.255	-.717
210	143	.335	.116	.919	.007	210	318	.211	.101	.631	-.118	210	511	-.429	.064	-.253	-.748
210	144	.287	.085	.656	.095	210	319	.256	.109	.753	-.026	210	512	-.475	.089	-.199	-.952
210	201	-.137	.079	.207	-.426	210	320	.188	.112	.626	-.271	210	513	-.395	.054	-.230	-.669
210	202	-.173	.091	.271	-.439	210	321	.208	.099	.559	-.105	210	514	-.399	.053	-.251	-.611
210	203	-.057	.107	.293	-.512	210	322	.222	.102	.580	-.151	210	515	-.419	.056	-.233	-.662
210	204	-.089	.165	.337	-.783	210	401	.094	.147	.603	-.483	210	516	-.445	.054	-.289	-.703
210	205	-.003	.125	.507	-.470	210	402	.111	.092	.472	-.135	210	517	-.461	.058	-.278	-.736
210	206	.112	.123	.685	-.219	210	403	.045	.088	.371	-.228	210	518	-.492	.079	-.260	-.873
210	207	.030	.082	.276	-.263	210	404	.045	.089	.378	-.296	210	519	-.433	.055	-.274	-.639

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	520	-.365	.052	-.232	-.570	210	715	-.352	.050	-.182	-.610	210	829	-.199	.074	.149	-.507
210	521	-.379	.054	-.212	-.589	210	716	-.354	.045	-.227	-.573	210	831	-.281	.099	.050	-.662
210	522	-.398	.055	-.236	-.647	210	717	-.338	.043	-.204	-.518	210	832	-.399	.105	-.009	-.812
210	523	-.403	.054	-.264	-.645	210	718	-.361	.050	-.229	-.543	210	833	-.512	.091	-.171	-.961
210	524	-.415	.075	-.191	-.781	210	719	-.337	.046	-.191	-.563	210	834	-.523	.089	-.268	-.968
210	525	-.403	.060	-.213	-.696	210	720	-.354	.045	-.212	-.599	210	835	-.519	.085	-.287	-.974
210	526	-.388	.060	-.234	-.655	210	721	-.360	.041	-.251	-.572	210	836	-.510	.084	-.256	-.890
210	527	-.394	.061	-.237	-.675	210	722	-.347	.040	-.251	-.543	210	837	-.341	.042	-.218	-.524
210	528	-.388	.058	-.242	-.659	210	723	-.342	.040	-.237	-.530	210	838	-.280	.043	-.135	-.459
210	529	-.397	.058	-.256	-.645	210	724	-.356	.048	-.232	-.542	210	839	-.270	.046	-.052	-.502
210	530	-.416	.063	-.271	-.689	210	725	-.355	.040	-.211	-.562	210	840	-.217	.064	.057	-.449
210	531	-.386	.054	-.259	-.612	210	726	-.363	.044	-.232	-.590	210	841	-.245	.075	.048	-.535
210	601	-.319	.079	-.095	-.948	210	727	-.352	.046	-.244	-.557	210	842	-.280	.100	.102	-.644
210	602	-.314	.072	-.114	-.774	210	728	-.354	.052	-.241	-.587	210	843	-.360	.114	.048	-.895
210	603	-.314	.065	-.084	-.674	210	729	-.363	.053	-.249	-.706	210	844	-.425	.130	.005	-.852
210	604	-.320	.062	-.110	-.572	210	730	-.353	.051	-.227	-.597	210	845	-.509	.106	-.116	-.881
210	605	-.331	.057	-.140	-.594	210	731	-.346	.041	-.232	-.518	210	846	-.564	.116	-.185	-1.094
210	606	-.303	.055	-.104	-.552	210	732	-.331	.040	-.237	-.493	210	847	-.563	.115	-.261	-1.758
210	607	-.292	.050	-.135	-.492	210	733	-.336	.049	-.202	-.577	210	848	-.537	.104	-.287	-1.060
210	608	-.305	.048	-.157	-.527	210	734	-.359	.049	-.244	-.599	210	849	-.326	.040	-.178	-.488
210	609	-.325	.046	-.191	-.512	210	735	-.347	.040	-.234	-.572	210	850	-.293	.046	-.107	-.488
210	610	-.331	.046	-.184	-.512	210	736	-.359	.055	-.236	-.669	210	851	-.267	.047	-.135	-.504
210	611	-.297	.052	-.079	-.483	210	737	-.334	.052	-.202	-.652	210	852	-.252	.064	-.014	-.552
210	612	-.283	.047	-.099	-.478	210	801	-.355	.059	-.192	-.606	210	853	-.274	.079	.064	-.563
210	613	-.307	.044	-.157	-.485	210	802	-.314	.068	-.116	-.589	210	854	-.337	.086	.081	-.705
210	614	-.327	.046	-.202	-.567	210	803	-.313	.076	-.068	-.665	210	855	-.397	.086	-.102	-.857
210	615	-.325	.047	-.196	-.535	210	804	-.245	.096	.033	-.632	210	856	-.457	.096	-.104	-.944
210	616	-.320	.055	-.032	-.500	210	805	-.256	.086	.099	-.604	210	857	-.473	.097	-.137	-.968
210	617	-.313	.055	-.045	-.497	210	806	-.233	.099	.154	-.630	210	858	-.538	.118	-.050	-1.287
210	618	-.323	.051	-.099	-.533	210	807	-.300	.106	.104	-.717	210	859	-.557	.141	-.222	-1.332
210	619	-.327	.047	-.154	-.560	210	808	-.412	.139	-.036	-.757	210	860	-.552	.142	-.255	-1.465
210	620	-.340	.048	-.186	-.650	210	809	-.515	.088	-.145	-.854	210	861	-.559	.127	-.187	-1.456
210	621	-.387	.050	-.216	-.627	210	810	-.523	.083	-.279	-.961	210	862	-.239	.057	-.007	-.438
210	622	-.382	.048	-.257	-.570	210	811	-.503	.071	-.275	-.850	210	863	-.269	.064	-.012	-.535
210	623	-.364	.045	-.244	-.572	210	812	-.494	.069	-.284	-.750	210	864	-.432	.065	-.192	-.651
210	624	-.355	.046	-.207	-.570	210	813	-.340	.047	-.156	-.528	210	865	-.395	.065	-.214	-.625
210	625	-.365	.043	-.176	-.525	210	814	-.289	.049	-.132	-.577	210	901	-.521	.070	-.258	-1.039
210	701	-.337	.059	-.139	-.558	210	815	-.254	.059	-.048	-.617	210	902	-.531	.069	-.289	-.774
210	702	-.331	.056	-.119	-.560	210	816	-.175	.086	.140	-.561	210	903	-.439	.133	-.185	-1.644
210	703	-.325	.054	-.152	-.568	210	817	-.187	.085	.132	-.623	210	904	-.462	.124	-.088	-1.094
210	704	-.326	.056	-.164	-.582	210	818	-.185	.097	.185	-.615	210	905	-.350	.095	-.102	-.814
210	705	-.335	.042	-.214	-.483	210	819	-.258	.102	.109	-.632	210	906	-.480	.122	-.107	-.998
210	706	-.217	.059	-.140	-.640	210	820	-.390	.095	-.068	-.701	210	907	-.540	.085	-.291	-.974
210	707	-.315	.043	-.179	-.492	210	821	-.505	.081	-.189	-.835	210	908	-.538	.077	-.308	-.987
210	708	-.319	.044	-.191	-.527	210	822	-.518	.080	-.261	-.959	210	1001	-.252	.100	.043	-.704
210	709	-.324	.045	-.202	-.528	210	823	-.498	.071	-.258	-.876	210	1002	-.299	.068	-.102	-.532
210	710	-.335	.045	-.197	-.548	210	824	-.495	.072	-.277	-.769	210	1003	-.295	.043	-.177	-.487
210	711	-.344	.051	-.187	-.605	210	825	-.318	.042	-.175	-.476	210	1004	-.369	.041	-.184	-.483
210	712	-.326	.051	-.167	-.547	210	826	-.279	.042	-.118	-.440	0	0	0.000	0.000	0.000	0.000
210	713	-.322	.046	-.187	-.508	210	827	-.243	.052	-.040	-.459	0	0	0.000	0.000	0.000	0.000
210	714	-.335	.050	-.206	-.533	210	828	-.193	.064	.081	-.435	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	101	.352	.142	.824	-.062	225	208	-.002	.065	.241	-.408	225	405	.004	.063	.312	-.178
225	102	.218	.102	.548	-.078	225	209	-.012	.082	.428	-.369	225	406	-.053	.059	.206	-.249
225	103	.159	.087	.453	-.118	225	210	-.070	.117	.357	-.416	225	407	-.201	.050	.018	-.436
225	104	.139	.082	.430	-.131	225	211	.038	.119	.565	-.379	225	408	.251	.135	.788	-.269
225	105	.121	.077	.384	-.074	225	212	.199	.121	.694	-.121	225	409	.209	.077	.509	-.005
225	106	.083	.067	.357	-.099	225	213	.039	.070	.298	-.260	225	410	.121	.066	.431	-.061
225	107	.044	.060	.283	-.120	225	214	.029	.075	.288	-.302	225	411	.101	.067	.380	-.119
225	108	.010	.043	.157	-.140	225	215	.021	.088	.366	-.458	225	412	.064	.065	.342	-.172
225	109	.363	.140	.856	-.027	225	216	-.015	.118	.415	-.472	225	413	-.009	.057	.241	-.206
225	110	.326	.113	.694	.039	225	217	.075	.107	.492	-.253	225	414	-.217	.045	-.038	-.378
225	111	.282	.101	.603	.035	225	218	.230	.112	.747	-.072	225	415	.249	.121	.667	-.226
225	112	.249	.093	.578	.022	225	219	.032	.075	.278	-.275	225	416	.226	.078	.499	-.037
225	113	.227	.087	.549	.067	225	220	.027	.078	.308	-.308	225	417	.158	.065	.390	-.030
225	114	.171	.077	.492	-.029	225	221	.026	.089	.364	-.337	225	418	.123	.064	.345	-.066
225	115	.127	.070	.420	-.059	225	222	.017	.118	.450	-.356	225	419	.072	.060	.332	-.091
225	116	.073	.058	.319	-.088	225	223	.086	.110	.570	-.469	225	420	-.022	.052	.236	-.170
225	117	.340	.139	.801	-.052	225	224	.228	.114	.844	-.049	225	421	-.217	.041	.012	-.344
225	118	.324	.106	.732	.062	225	225	-.001	.091	.249	-.524	225	422	.208	.115	.616	-.317
225	119	.297	.097	.703	.072	225	226	.027	.080	.258	-.268	225	423	.183	.070	.469	-.018
225	120	.264	.091	.637	.039	225	227	.044	.090	.317	-.322	225	424	.129	.058	.415	-.033
225	121	.239	.079	.556	.042	225	228	.044	.104	.399	-.379	225	425	.107	.055	.347	-.040
225	122	.191	.072	.484	-.013	225	229	.073	.097	.393	-.261	225	426	.060	.054	.302	-.109
225	123	.153	.066	.418	-.037	225	230	.194	.105	.614	-.131	225	427	-.013	.050	.256	-.193
225	124	.124	.060	.416	-.066	225	231	.070	.084	.293	-.271	225	428	-.235	.048	-.017	-.380
225	125	.306	.136	.860	-.177	225	232	.091	.079	.332	-.233	225	429	.118	.090	.433	-.175
225	126	.300	.108	.728	.037	225	301	.062	.103	.529	-.203	225	430	.078	.053	.281	-.086
225	127	.276	.099	.684	.029	225	302	.009	.128	.525	-.317	225	431	.046	.044	.286	-.078
225	128	.244	.091	.614	.030	225	303	.165	.164	.814	-.398	225	432	-.002	.041	.167	-.139
225	129	.225	.081	.521	.030	225	304	.243	.145	.842	-.505	225	433	-.026	.041	.215	-.177
225	130	.206	.076	.480	.012	225	305	.211	.122	.695	-.088	225	434	-.024	.041	.183	-.154
225	131	.163	.072	.420	-.027	225	306	.142	.134	.676	-.225	225	435	-.191	.043	.040	-.325
225	132	.154	.069	.448	-.042	225	307	.245	.169	.834	-.320	225	436	.007	.102	.367	-.299
225	133	.235	.143	.654	-.258	225	308	.326	.157	.932	-.368	225	501	-.285	.049	-.142	-.591
225	134	.204	.099	.629	-.069	225	309	.232	.103	.694	-.124	225	502	-.286	.049	-.160	-.768
225	135	.194	.085	.603	-.052	225	310	.182	.110	.596	-.157	225	503	-.304	.054	-.140	-.687
225	136	.187	.078	.560	-.020	225	311	.256	.137	.796	-.210	225	504	-.316	.052	-.165	-.667
225	137	.186	.077	.487	-.027	225	312	.324	.134	.793	-.157	225	505	-.323	.055	-.137	-.643
225	138	.185	.072	.464	-.012	225	313	.214	.096	.649	-.041	225	506	-.334	.067	-.124	-.724
225	139	.150	.064	.374	-.010	225	314	.182	.108	.687	-.111	225	507	-.271	.037	-.142	-.423
225	140	.112	.058	.342	-.074	225	315	.253	.126	.785	-.089	225	508	-.285	.035	-.192	-.433
225	141	.221	.079	.565	-.005	225	316	.267	.118	.715	-.129	225	509	-.296	.037	-.202	-.484
225	142	.121	.091	.642	-.145	225	317	.162	.092	.547	-.135	225	510	-.305	.037	-.197	-.476
225	143	.312	.105	.757	.049	225	318	.151	.109	.567	-.192	225	511	-.324	.042	-.206	-.487
225	144	.240	.086	.566	.067	225	319	.231	.124	.682	-.142	225	512	-.365	.061	-.208	-.722
225	201	-.073	.052	.140	-.290	225	320	.205	.121	.636	-.177	225	513	-.291	.037	-.183	-.439
225	202	-.068	.063	.197	-.378	225	321	.142	.096	.606	-.206	225	514	-.294	.037	-.175	-.438
225	203	-.081	.077	.244	-.388	225	322	.140	.096	.572	-.296	225	515	-.312	.037	-.206	-.467
225	204	-.182	.123	.317	-.592	225	401	.137	.133	.573	-.353	225	516	-.329	.037	-.225	-.496
225	205	-.061	.105	.428	-.458	225	402	.096	.072	.360	-.124	225	517	-.339	.038	-.195	-.501
225	206	.075	.120	.765	-.226	225	403	.019	.064	.327	-.216	225	518	-.363	.052	-.190	-.644
225	207	.008	.060	.246	-.219	225	404	.019	.064	.284	-.185	225	519	-.315	.039	-.195	-.477

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	520	-.266	.040	-.145	-.472	225	715	-.276	.038	-.170	-.425	225	829	-.152	.039	.056	-.317
225	521	-.279	.041	-.153	-.492	225	716	-.282	.037	-.183	-.457	225	831	-.114	.057	.108	-.335
225	522	-.302	.042	-.176	-.517	225	717	-.264	.035	-.165	-.427	225	832	-.126	.083	.123	-.587
225	523	-.303	.039	-.174	-.517	225	718	-.275	.033	-.184	-.381	225	833	-.207	.126	.136	-.797
225	524	-.299	.046	-.168	-.519	225	719	-.265	.036	-.160	-.435	225	834	-.346	.152	.094	-.910
225	525	-.280	.040	-.176	-.489	225	720	-.285	.037	-.193	-.464	225	835	-.449	.142	.093	-1.218
225	526	-.286	.042	-.115	-.480	225	721	-.289	.035	-.183	-.427	225	836	-.450	.132	-.111	-1.240
225	527	-.285	.040	-.176	-.449	225	722	-.273	.033	-.178	-.404	225	837	-.258	.028	-.186	-.361
225	528	-.277	.039	-.171	-.434	225	723	-.264	.033	-.183	-.404	225	838	-.208	.028	-.121	-.338
225	529	-.287	.037	-.186	-.449	225	724	-.271	.032	-.189	-.387	225	839	-.227	.026	-.134	-.350
225	530	-.305	.038	-.208	-.472	225	725	-.283	.034	-.189	-.424	225	840	-.161	.033	-.045	-.295
225	531	-.299	.037	-.198	-.460	225	726	-.283	.030	-.206	-.349	225	841	-.157	.034	-.035	-.331
225	601	-.246	.056	-.065	-.543	225	727	-.267	.024	-.194	-.381	225	842	-.099	.046	.040	-.385
225	602	-.243	.052	-.027	-.459	225	728	-.261	.031	-.183	-.371	225	843	-.130	.048	.010	-.423
225	603	-.231	.052	-.061	-.547	225	729	-.276	.030	-.198	-.381	225	844	-.121	.065	.063	-.429
225	604	-.231	.056	-.073	-.643	225	730	-.263	.032	-.179	-.369	225	845	-.190	.115	.094	-.784
225	605	-.250	.059	-.081	-.703	225	731	-.282	.030	-.201	-.392	225	846	-.321	.160	.090	-.895
225	606	-.236	.047	-.073	-.462	225	732	-.267	.030	-.191	-.372	225	847	-.482	.178	.071	-1.573
225	607	-.220	.043	-.076	-.437	225	733	-.258	.030	-.178	-.364	225	848	-.499	.162	-.070	-1.367
225	608	-.221	.040	-.106	-.391	225	734	-.283	.033	-.203	-.389	225	849	-.234	.028	-.161	-.356
225	609	-.245	.038	-.138	-.387	225	735	-.282	.030	-.189	-.406	225	850	-.218	.036	-.134	-.346
225	610	-.244	.033	-.158	-.466	225	736	-.267	.030	-.174	-.402	225	851	-.198	.026	-.119	-.330
225	611	-.233	.040	-.050	-.384	225	737	-.253	.029	-.156	-.372	225	852	-.187	.029	-.088	-.323
225	612	-.223	.036	-.098	-.356	225	801	-.242	.032	-.144	-.373	225	853	-.158	.033	-.036	-.325
225	613	-.247	.033	-.096	-.382	225	802	-.197	.029	-.104	-.336	225	854	-.131	.047	-.003	-.428
225	614	-.258	.031	-.163	-.392	225	803	-.212	.029	-.114	-.355	225	855	-.151	.053	-.036	-.429
225	615	-.249	.031	-.158	-.377	225	804	-.139	.038	-.008	-.391	225	856	-.172	.077	.022	-.552
225	616	-.266	.037	-.140	-.401	225	805	-.176	.034	-.027	-.370	225	857	-.185	.086	.015	-.693
225	617	-.277	.034	-.156	-.396	225	806	-.180	.041	-.051	-.375	225	858	-.297	.147	.045	-1.067
225	618	-.284	.034	-.128	-.447	225	807	-.125	.046	.039	-.428	225	859	-.426	.164	.012	-1.129
225	619	-.276	.034	-.143	-.460	225	808	-.093	.076	.128	-.607	225	860	-.503	.191	.038	-1.294
225	620	-.271	.035	-.163	-.444	225	809	-.168	.123	.116	-.908	225	861	-.351	.150	.088	-.999
225	621	-.304	.036	-.193	-.457	225	810	-.339	.175	.063	-.938	225	862	-.162	.033	-.030	-.295
225	622	-.298	.033	-.208	-.477	225	811	-.522	.156	-.050	-1.263	225	863	-.118	.039	.023	-.355
225	623	-.279	.031	-.193	-.417	225	812	-.514	.134	-.166	-1.202	225	864	-.188	.055	-.012	-.386
225	624	-.274	.032	-.193	-.407	225	813	-.252	.032	-.143	-.378	225	865	-.225	.061	-.048	-.490
225	625	-.286	.031	-.203	-.406	225	814	-.219	.028	-.128	-.355	225	901	-.653	.166	-.242	-1.291
225	701	-.238	.040	-.123	-.499	225	815	-.217	.029	-.104	-.353	225	902	-.479	.085	-.242	-.810
225	702	-.248	.040	-.130	-.429	225	816	-.143	.041	.007	-.409	225	903	-.280	.088	-.073	-.890
225	703	-.242	.039	-.135	-.447	225	817	-.158	.039	-.020	-.380	225	904	-.371	.085	.038	-.769
225	704	-.239	.039	-.135	-.441	225	818	-.096	.049	.114	-.356	225	905	-.164	.048	-.018	-.434
225	705	-.251	.031	-.178	-.382	225	819	-.107	.062	.108	-.476	225	906	-.274	.094	-.015	-.714
225	706	-.225	.035	-.116	-.394	225	820	-.101	.085	.189	-.501	225	907	-.391	.168	.005	-.993
225	707	-.237	.034	-.141	-.444	225	821	-.202	.130	.136	-.787	225	908	-.637	.193	-.010	-1.464
225	708	-.238	.036	-.141	-.381	225	822	-.366	.150	.114	-1.057	225	1001	-.064	.098	.242	-.503
225	709	-.239	.038	-.138	-.391	225	823	-.461	.124	.028	-.993	225	1002	-.176	.053	-.018	-.390
225	710	-.258	.038	-.163	-.414	225	824	-.456	.111	-.167	-.976	225	1003	-.198	.033	-.108	-.345
225	711	-.264	.036	-.158	-.415	225	825	-.243	.029	-.152	-.341	225	1004	-.223	.032	-.116	-.363
225	712	-.248	.033	-.143	-.387	225	826	-.219	.027	-.138	-.330	0	0	0.000	0.000	0.000	0.000
225	713	-.247	.032	-.170	-.401	225	827	-.214	.028	-.128	-.365	0	0	0.000	0.000	0.000	0.000
225	714	-.254	.038	-.143	-.415	225	828	-.163	.035	-.020	-.318	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	101	.342	.119	.705	-.673	240	208	-.066	.034	.061	-.255	240	405	-.038	.039	.118	-.201
240	102	.151	.075	.385	-.061	240	209	-.085	.040	.113	-.354	240	406	-.079	.037	.100	-.225
240	103	.077	.061	.317	-.076	240	210	-.153	.048	.145	-.331	240	407	-.176	.030	-.046	-.276
240	104	.069	.058	.304	-.076	240	211	-.112	.056	.146	-.332	240	408	.216	.126	.708	-.151
240	105	.057	.055	.267	-.096	240	212	.004	.091	.427	-.266	240	409	.155	.067	.393	-.112
240	106	.012	.046	.177	-.133	240	213	-.051	.044	.132	-.273	240	410	.066	.042	.217	-.092
240	107	-.024	.040	.120	-.162	240	214	-.059	.043	.115	-.270	240	411	.036	.042	.229	-.114
240	108	-.018	.029	.089	-.118	240	215	-.083	.044	.111	-.285	240	412	.009	.042	.204	-.118
240	109	.354	.119	.779	-.101	240	216	-.146	.053	.108	-.400	240	413	-.052	.036	.100	-.178
240	110	.227	.083	.536	.017	240	217	-.102	.055	.147	-.320	240	414	-.197	.028	-.099	-.293
240	111	.174	.072	.440	-.012	240	218	.023	.083	.423	-.182	240	415	.209	.114	.573	-.186
240	112	.141	.064	.385	-.035	240	219	-.077	.045	.125	-.267	240	416	.186	.072	.438	-.072
240	113	.117	.057	.344	-.044	240	220	-.086	.046	.089	-.326	240	417	.098	.045	.298	-.076
240	114	.052	.048	.255	-.168	240	221	-.093	.046	.130	-.272	240	418	.060	.043	.258	-.104
240	115	.009	.043	.207	-.123	240	222	-.145	.055	.044	-.349	240	419	.017	.040	.204	-.091
240	116	-.016	.034	.127	-.113	240	223	-.086	.063	.216	-.304	240	420	-.052	.035	.118	-.181
240	117	.336	.113	.766	-.091	240	224	.058	.080	.467	-.142	240	421	-.197	.029	-.069	-.298
240	118	.210	.085	.568	-.025	240	225	-.088	.051	.143	-.312	240	422	.186	.098	.604	-.142
240	119	.187	.074	.469	-.032	240	226	-.099	.053	.153	-.268	240	423	.146	.062	.369	-.077
240	120	.151	.066	.403	-.037	240	227	-.100	.065	.179	-.331	240	424	.087	.040	.248	-.043
240	121	.132	.057	.359	0.000	240	228	-.123	.068	.194	-.396	240	425	.048	.035	.202	-.077
240	122	.073	.049	.288	-.047	240	229	-.087	.065	.234	-.307	240	426	.044	.034	.151	-.122
240	123	.037	.043	.234	-.079	240	230	.089	.082	.493	-.125	240	427	-.043	.032	.114	-.148
240	124	.023	.039	.219	-.086	240	231	-.087	.053	.166	-.288	240	428	-.207	.030	-.091	-.311
240	125	.284	.105	.710	-.248	240	232	-.071	.053	.116	-.275	240	429	.136	.076	.429	-.171
240	126	.185	.073	.530	-.030	240	301	-.061	.099	.471	-.818	240	430	.062	.043	.221	-.118
240	127	.163	.063	.439	-.032	240	302	-.129	.099	.383	-.907	240	431	.027	.033	.169	-.072
240	128	.125	.054	.356	-.071	240	303	-.028	.163	.736	-.902	240	432	-.008	.032	.122	-.135
240	129	.120	.057	.342	-.035	240	304	.128	.174	.833	-.795	240	433	-.028	.030	.086	-.146
240	130	.094	.051	.304	-.027	240	305	.006	.082	.367	-.211	240	434	-.032	.032	.091	-.166
240	131	.043	.045	.224	-.069	240	306	-.071	.071	.465	-.280	240	435	-.177	.027	-.053	-.262
240	132	.048	.046	.272	-.101	240	307	-.012	.128	.485	-.341	240	436	.011	.070	.280	-.189
240	133	.238	.107	.639	-.096	240	308	.162	.164	.798	-.323	240	501	-.197	.034	-.074	-.323
240	134	.177	.077	.434	-.032	240	309	.034	.075	.403	-.156	240	502	-.209	.032	-.107	-.339
240	135	.155	.066	.380	-.030	240	310	-.025	.067	.324	-.219	240	503	-.225	.033	-.122	-.359
240	136	.132	.059	.339	-.022	240	311	.021	.107	.560	-.250	240	504	-.238	.033	-.137	-.418
240	137	.116	.056	.373	-.046	240	312	.161	.149	.632	-.331	240	505	-.244	.044	-.135	-.532
240	138	.098	.052	.339	-.042	240	313	.037	.075	.490	-.161	240	506	-.265	.059	-.122	-.836
240	139	.044	.044	.245	-.086	240	314	-.014	.068	.369	-.219	240	507	-.268	.029	-.118	-.323
240	140	.014	.043	.192	-.147	240	315	.049	.169	.496	-.232	240	508	-.212	.027	-.123	-.303
240	141	.160	.061	.380	.010	240	316	.169	.128	.653	-.278	240	509	-.217	.026	-.138	-.299
240	142	.184	.078	.676	.015	240	317	.024	.067	.349	-.156	240	510	-.234	.027	-.155	-.347
240	143	.198	.085	.496	-.005	240	318	-.015	.073	.306	-.212	240	511	-.255	.032	-.163	-.403
240	144	.125	.062	.356	-.027	240	319	.116	.111	.666	-.168	240	512	-.285	.049	-.156	-.528
240	201	-.064	.031	.054	-.187	240	320	.200	.116	.635	-.123	240	513	-.213	.026	-.122	-.293
240	202	-.074	.033	.071	-.236	240	321	-.030	.057	.250	-.197	240	514	-.227	.026	-.142	-.318
240	203	-.101	.033	.079	-.226	240	322	-.033	.063	.219	-.301	240	515	-.242	.025	-.158	-.347
240	204	-.172	.047	.054	-.374	240	401	.130	.114	.536	-.268	240	516	-.246	.025	-.163	-.360
240	205	-.132	.048	.164	-.342	240	402	.054	.063	.285	-.244	240	517	-.249	.027	-.166	-.374
240	206	-.059	.073	.408	-.275	240	403	-.020	.041	.123	-.178	240	518	-.279	.038	-.174	-.513
240	207	-.057	.034	.071	-.175	240	404	-.017	.040	.150	-.161	240	519	-.244	.026	-.145	-.337

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	520	-.192	.025	-.110	-.318	240	715	-.206	.021	-.139	-.296	240	829	-.147	.026	-.038	-.257
240	521	-.210	.025	-.127	-.340	240	716	-.207	.021	-.141	-.281	240	831	-.086	.028	.046	-.180
240	522	-.220	.025	-.152	-.388	240	717	-.198	.020	-.134	-.269	240	832	-.036	.031	.079	-.150
240	523	-.231	.027	-.136	-.328	240	718	-.202	.020	-.131	-.273	240	833	-.011	.036	.127	-.238
240	524	-.222	.033	-.122	-.370	240	719	-.192	.021	-.120	-.273	240	834	-.003	.064	.200	-.551
240	525	-.216	.028	-.135	-.367	240	720	-.215	.021	-.161	-.360	240	835	-.043	.176	.351	-.867
240	526	-.220	.029	-.117	-.346	240	721	-.215	.022	-.147	-.303	240	836	-.170	.240	.581	-1.077
240	527	-.225	.026	-.144	-.316	240	722	-.208	.021	-.144	-.283	240	837	-.196	.021	-.122	-.274
240	528	-.209	.026	-.142	-.316	240	723	-.193	.021	-.127	-.269	240	838	-.169	.022	-.096	-.262
240	529	-.225	.025	-.161	-.331	240	724	-.205	.019	-.152	-.274	240	839	-.186	.024	-.082	-.294
240	530	-.234	.026	-.159	-.341	240	725	-.215	.021	-.136	-.306	240	840	-.142	.025	-.041	-.242
240	531	-.222	.024	-.152	-.311	240	726	-.215	.021	-.151	-.295	240	841	-.141	.025	-.030	-.233
240	6C1	-.176	.057	-.020	-.497	240	727	-.208	.021	-.149	-.290	240	842	-.079	.027	.049	-.163
240	6C2	-.157	.054	0.000	-.494	240	728	-.196	.022	-.131	-.279	240	843	-.085	.026	.054	-.186
240	603	-.155	.057	.010	-.494	240	729	-.215	.022	-.151	-.296	240	844	-.035	.030	.071	-.137
240	604	-.159	.065	-.005	-.581	240	730	-.193	.020	-.131	-.268	240	845	-.015	.039	.120	-.228
240	605	-.184	.058	-.040	-.653	240	731	-.207	.021	-.142	-.279	240	846	-.014	.076	.200	-.417
240	606	-.161	.039	-.022	-.392	240	732	-.201	.020	-.136	-.278	240	847	-.076	.184	.389	-.914
240	607	-.152	.037	-.032	-.360	240	733	-.188	.022	-.127	-.298	240	848	-.144	.217	.518	-.812
240	608	-.150	.034	-.037	-.333	240	734	-.215	.022	-.147	-.320	240	849	-.189	.022	-.127	-.310
240	609	-.180	.030	-.092	-.333	240	735	-.208	.021	-.146	-.301	240	850	-.172	.030	-.079	-.332
240	610	-.179	.025	-.107	-.283	240	736	-.204	.022	-.144	-.306	240	851	-.170	.029	-.087	-.325
240	611	-.164	.032	-.040	-.266	240	737	-.183	.021	-.120	-.290	240	852	-.164	.032	-.073	-.346
240	612	-.152	.030	-.020	-.254	240	801	-.183	.023	-.069	-.279	240	853	-.167	.031	-.016	-.300
240	613	-.184	.026	-.085	-.288	240	802	-.161	.022	-.066	-.261	240	854	-.069	.031	.046	-.228
240	614	-.189	.024	-.110	-.295	240	803	-.186	.023	-.097	-.302	240	855	-.066	.029	.043	-.178
240	615	-.188	.021	-.119	-.293	240	804	-.131	.031	-.023	-.242	240	856	-.042	.035	.101	-.200
240	616	-.183	.032	-.045	-.306	240	805	-.173	.026	-.068	-.282	240	857	-.031	.041	.124	-.188
240	617	-.199	.030	-.065	-.308	240	806	-.099	.028	.025	-.213	240	858	-.022	.066	.167	-.445
240	618	-.204	.027	-.109	-.308	240	807	-.113	.025	-.005	-.211	240	859	-.082	.125	.275	-.652
240	619	-.204	.024	-.107	-.310	240	808	-.048	.028	.074	-.155	240	860	-.159	.189	.419	-.940
240	620	-.195	.023	-.120	-.286	240	809	-.050	.028	.071	-.191	240	861	-.041	.094	.249	-.544
240	621	-.229	.024	-.162	-.341	240	810	-.046	.038	.079	-.452	240	862	-.121	.031	.013	-.229
240	622	-.224	.024	-.149	-.323	240	811	-.040	.134	.209	-.797	240	863	-.070	.030	.064	-.158
240	623	-.217	.023	-.147	-.315	240	812	-.144	.233	.396	-.986	240	864	-.044	.039	.112	-.205
240	624	-.203	.024	-.132	-.293	240	813	-.191	.023	-.097	-.284	240	865	-.086	.066	.184	-.328
240	625	-.220	.023	-.144	-.313	240	814	-.179	.021	-.099	-.264	240	901	-.048	.142	-.115	-1.158
240	701	-.172	.028	-.082	-.291	240	815	-.186	.023	-.081	-.280	240	902	-.349	.072	-.152	-.648
240	702	-.181	.027	-.087	-.320	240	816	-.140	.029	-.030	-.242	240	903	-.208	.053	-.056	-.549
240	703	-.184	.025	-.110	-.293	240	817	-.163	.027	-.066	-.259	240	904	-.172	.060	-.003	-.488
240	704	-.173	.024	-.085	-.283	240	818	-.102	.028	.003	-.208	240	905	-.151	.029	-.040	-.272
240	705	-.188	.019	-.124	-.266	240	819	-.092	.029	.012	-.205	240	906	-.044	.040	.089	-.244
240	706	-.161	.024	-.084	-.243	240	820	-.041	.030	.106	-.200	240	907	-.186	.080	.030	-.485
240	707	-.171	.024	-.059	-.274	240	821	-.021	.035	.124	-.266	240	908	-.216	.093	.111	-1.052
240	708	-.181	.024	-.074	-.283	240	822	-.024	.061	.181	-.562	240	1001	.088	.054	.335	-.091
240	709	-.178	.025	-.065	-.281	240	823	-.057	.177	.393	-.754	240	1002	-.107	.033	.023	-.233
240	710	-.198	.023	-.120	-.315	240	824	-.168	.235	.483	-.912	240	1003	-.151	.021	-.084	-.249
240	711	-.188	.021	-.114	-.259	240	825	-.184	.021	-.111	-.251	240	1004	-.166	.021	-.091	-.239
240	712	-.187	.022	-.117	-.261	240	826	-.178	.020	-.109	-.249	0	0	0.000	0.000	0.000	0.000
240	713	-.182	.019	-.117	-.256	240	827	-.181	.023	-.091	-.272	0	0	0.000	0.000	0.000	0.000
240	714	-.181	.021	-.102	-.274	240	828	-.147	.026	-.038	-.242	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	101	-.087	.225	.493	-1.079	255	208	-.132	.030	-.044	-.310	255	405	-.077	.039	.052	-.216
255	102	-.015	.068	.233	-.247	255	209	-.129	.028	-.030	-.250	255	406	-.110	.035	.041	-.235
255	103	-.057	.042	.097	-.265	255	210	-.146	.030	-.035	-.270	255	407	-.168	.028	-.078	-.271
255	104	-.044	.041	.091	-.240	255	211	-.141	.034	.063	-.300	255	408	-.053	.082	.331	-.379
255	105	-.049	.036	.084	-.253	255	212	-.118	.040	.062	-.285	255	409	-.044	.063	.196	-.263
255	106	-.086	.030	.025	-.278	255	213	-.125	.029	-.029	-.262	255	410	-.064	.049	.115	-.238
255	107	-.113	.028	-.005	-.262	255	214	-.131	.032	-.037	-.310	255	411	-.067	.045	.112	-.261
255	108	-.081	.026	.012	-.183	255	215	-.141	.032	-.040	-.361	255	412	-.070	.041	.079	-.271
255	109	-.041	.219	.515	-.825	255	216	-.152	.035	.074	-.347	255	413	-.096	.034	.034	-.253
255	110	-.016	.088	.272	-.455	255	217	-.130	.036	.062	-.334	255	414	-.186	.027	-.086	-.279
255	111	-.028	.062	.205	-.319	255	218	-.093	.039	.141	-.206	255	415	-.055	.076	.305	-.267
255	112	-.035	.052	.149	-.245	255	219	-.141	.031	-.034	-.283	255	416	-.035	.064	.237	-.230
255	113	-.036	.048	.136	-.221	255	220	-.146	.035	-.030	-.342	255	417	-.042	.048	.135	-.229
255	114	-.078	.036	.057	-.233	255	221	-.145	.037	-.020	-.329	255	418	-.060	.044	.112	-.232
255	115	-.103	.031	0.000	-.247	255	222	-.147	.039	.017	-.304	255	419	-.075	.038	.063	-.232
255	116	-.099	.026	-.013	-.198	255	223	-.127	.039	.057	-.317	255	420	-.164	.032	.006	-.256
255	117	-.063	.205	.439	-1.047	255	224	-.078	.047	.228	-.206	255	421	-.172	.028	-.084	-.295
255	118	-.057	.081	.188	-.624	255	225	-.156	.037	-.060	-.394	255	422	-.050	.073	.285	-.267
255	119	-.041	.066	.168	-.339	255	226	-.154	.040	-.044	-.332	255	423	-.053	.054	.170	-.243
255	120	-.049	.055	.134	-.319	255	227	-.149	.044	-.027	-.408	255	424	-.054	.042	.120	-.230
255	121	-.050	.047	.111	-.206	255	228	-.142	.043	.059	-.317	255	425	-.056	.038	.096	-.203
255	122	-.080	.037	.077	-.220	255	229	-.107	.043	.082	-.294	255	426	-.082	.035	.076	-.220
255	123	-.091	.031	.037	-.220	255	230	-.042	.058	.292	-.186	255	427	-.098	.034	.032	-.214
255	124	-.086	.029	.035	-.242	255	231	-.129	.039	.023	-.314	255	428	-.174	.027	-.083	-.279
255	125	-.143	.161	.468	-.797	255	232	-.117	.034	.005	-.238	255	429	-.047	.053	.269	-.264
255	126	-.109	.084	.169	-.421	255	301	-.149	.059	.076	-.446	255	430	-.073	.045	.122	-.217
255	127	-.088	.069	.116	-.320	255	302	-.119	.066	.173	-.405	255	431	-.072	.036	.068	-.228
255	128	-.094	.057	.069	-.332	255	303	-.034	.090	.358	-.287	255	432	-.092	.036	.037	-.217
255	129	-.083	.052	.107	-.292	255	304	-.079	.077	.451	-.300	255	433	-.093	.034	.070	-.217
255	130	-.083	.045	.091	-.300	255	305	-.121	.045	.156	-.395	255	434	-.089	.035	.079	-.216
255	131	-.098	.036	.050	-.297	255	306	-.129	.044	.212	-.430	255	435	-.165	.028	-.049	-.263
255	132	-.082	.038	.129	-.247	255	307	-.098	.065	.402	-.321	255	436	-.112	.035	.075	-.212
255	133	-.154	.099	.287	-.585	255	308	-.070	.086	.449	-.321	255	501	-.172	.026	-.089	-.263
255	134	-.132	.079	.168	-.362	255	309	-.102	.037	.097	-.222	255	502	-.172	.025	-.097	-.264
255	135	-.120	.072	.166	-.465	255	310	-.113	.039	.117	-.238	255	503	-.189	.025	-.107	-.287
255	136	-.119	.062	.106	-.354	255	311	-.097	.060	.254	-.276	255	504	-.192	.028	-.115	-.329
255	137	-.119	.056	.067	-.320	255	312	-.074	.089	.407	-.329	255	505	-.204	.051	-.086	-.311
255	138	-.111	.050	.082	-.290	255	313	-.092	.041	.144	-.246	255	506	-.223	.072	-.053	-.639
255	139	-.118	.040	.015	-.312	255	314	-.100	.043	.186	-.237	255	507	-.185	.026	-.071	-.292
255	140	-.120	.037	.017	-.272	255	315	-.075	.066	.242	-.295	255	508	-.186	.027	-.100	-.269
255	141	-.113	.062	.124	-.327	255	316	-.058	.077	.358	-.300	255	509	-.184	.026	-.110	-.277
255	142	-.122	.068	.164	-.398	255	317	-.086	.044	.148	-.216	255	510	-.188	.026	-.118	-.303
255	143	-.109	.054	.106	-.304	255	318	-.090	.049	.159	-.251	255	511	-.215	.040	-.110	-.457
255	144	-.099	.044	.072	-.218	255	319	-.053	.071	.280	-.290	255	512	-.239	.056	-.118	-.716
255	201	-.117	.028	-.015	-.226	255	320	-.045	.076	.384	-.256	255	513	-.181	.025	-.089	-.267
255	202	-.120	.029	-.040	-.230	255	321	-.089	.046	.175	-.233	255	514	-.180	.024	-.099	-.263
255	203	-.127	.031	-.003	-.247	255	322	-.087	.041	.143	-.203	255	515	-.197	.023	-.120	-.272
255	204	-.140	.037	-.007	-.302	255	401	-.135	.094	.242	-.643	255	516	-.201	.025	-.128	-.311
255	205	-.140	.045	0.000	-.330	255	402	-.079	.051	.143	-.258	255	517	-.199	.028	-.100	-.345
255	206	-.136	.053	.107	-.374	255	403	-.084	.042	.096	-.240	255	518	-.213	.036	-.110	-.392
255	207	-.127	.028	-.049	-.265	255	404	-.071	.043	.191	-.217	255	519	-.201	.026	-.122	-.285

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	520	-.154	.023	-.086	-.240	255	715	-.140	.021	-.048	-.215	255	829	-.088	.047	.107	-.262
255	521	-.168	.023	-.099	-.243	255	716	-.141	.021	-.060	-.222	255	831	0.000	.073	.301	-.234
255	522	-.174	.023	-.111	-.255	255	717	-.137	.022	-.061	-.225	255	832	.041	.069	.339	-.186
255	523	-.184	.024	-.103	-.278	255	718	-.141	.023	-.060	-.236	255	833	.036	.060	.296	-.170
255	524	-.174	.029	-.084	-.303	255	719	-.136	.018	-.063	-.202	255	834	.018	.061	.267	-.179
255	525	-.163	.026	-.074	-.272	255	720	-.154	.018	-.093	-.230	255	835	.037	.085	.403	-.235
255	526	-.174	.026	-.086	-.314	255	721	-.152	.020	-.065	-.232	255	836	.079	.127	.555	-.497
255	527	-.178	.025	-.088	-.266	255	722	-.140	.020	-.061	-.227	255	837	-.134	.024	-.058	-.247
255	528	-.163	.025	-.079	-.258	255	723	-.137	.022	-.058	-.240	255	838	-.153	.028	.033	-.305
255	529	-.176	.025	-.099	-.271	255	724	-.149	.020	-.078	-.242	255	839	-.158	.037	-.008	-.380
255	530	-.182	.027	-.088	-.305	255	725	-.158	.017	-.098	-.227	255	840	-.106	.047	.363	-.319
255	531	-.158	.020	-.091	-.237	255	726	-.154	.017	-.098	-.209	255	841	-.077	.057	.133	-.305
255	601	-.177	.081	.023	-.655	255	727	-.150	.018	-.089	-.209	255	842	-.022	.074	.277	-.296
255	602	-.154	.079	.096	-.546	255	728	-.138	.019	-.063	-.200	255	843	-.007	.076	.305	-.288
255	603	-.140	.070	.050	-.603	255	729	-.155	.019	-.098	-.223	255	844	.033	.069	.275	-.216
255	604	-.124	.062	.079	-.612	255	730	-.139	.019	-.079	-.215	255	845	.027	.057	.232	-.234
255	605	-.135	.045	.026	-.508	255	731	-.152	.018	-.083	-.222	255	846	-.000	.054	.226	-.227
255	606	-.146	.046	-.008	-.482	255	732	-.149	.017	-.079	-.217	255	847	-.018	.072	.259	-.263
255	607	-.134	.042	.008	-.467	255	733	-.139	.020	-.063	-.205	255	848	-.004	.100	.420	-.436
255	608	-.121	.037	-.012	-.361	255	734	-.161	.020	-.084	-.230	255	849	-.161	.030	-.071	-.315
255	609	-.136	.032	-.031	-.328	255	735	-.150	.018	-.086	-.220	255	850	-.140	.041	.008	-.323
255	610	-.131	.027	-.040	-.257	255	736	-.147	.019	-.079	-.210	255	851	-.171	.053	.000	-.422
255	611	-.143	.028	-.031	-.258	255	737	-.130	.020	-.065	-.199	255	852	-.175	.078	.025	-.524
255	612	-.127	.026	-.003	-.243	255	801	-.137	.040	.012	-.324	255	853	-.112	.107	.173	-.588
255	613	-.144	.022	-.070	-.273	255	802	-.144	.049	.086	-.351	255	854	-.063	.145	.384	-.736
255	614	-.139	.020	-.055	-.218	255	803	-.183	.054	.066	-.389	255	855	-.056	.149	.494	-.761
255	615	-.134	.018	-.070	-.209	255	804	-.073	.057	.239	-.303	255	856	-.054	.152	.384	-.725
255	616	-.152	.023	-.035	-.281	255	805	-.087	.054	.153	-.267	255	857	-.015	.131	.262	-.583
255	617	-.163	.021	-.046	-.227	255	806	-.002	.073	.275	-.227	255	858	-.021	.082	.207	-.468
255	618	-.157	.020	-.078	-.215	255	807	-.011	.074	.285	-.229	255	859	-.048	.078	.257	-.450
255	619	-.150	.018	-.078	-.212	255	808	.053	.076	.341	-.231	255	860	-.063	.090	.287	-.418
255	620	-.139	.018	-.088	-.200	255	809	.041	.068	.346	-.170	255	861	.035	.067	.366	-.199
255	621	-.175	.020	-.118	-.247	255	810	.032	.070	.361	-.186	255	862	-.030	.053	.196	-.229
255	622	-.167	.019	-.108	-.240	255	811	.120	.092	.474	-.181	255	863	.046	.073	.324	-.168
255	623	-.158	.018	-.091	-.235	255	812	.281	.137	.695	-.333	255	864	.125	.097	.632	-.117
255	624	-.147	.018	-.084	-.222	255	813	-.135	.030	-.036	-.287	255	865	.037	.046	.308	-.127
255	625	-.162	.018	-.106	-.232	255	814	-.160	.035	-.031	-.310	255	901	-.194	.061	.002	-.532
255	701	-.129	.034	-.017	-.280	255	815	-.194	.047	.018	-.379	255	902	-.141	.056	.016	-.343
255	702	-.132	.033	.010	-.291	255	816	-.102	.046	.143	-.257	255	903	-.113	.036	.062	-.293
255	703	-.131	.031	-.017	-.275	255	817	-.087	.051	.189	-.247	255	904	-.102	.037	.012	-.282
255	704	-.122	.037	.017	-.344	255	818	-.007	.073	.301	-.229	255	905	-.150	.069	.056	-.571
255	705	-.141	.020	-.076	-.228	255	819	.012	.078	.323	-.295	255	906	-.089	.071	.097	-.394
255	706	-.124	.039	.003	-.367	255	820	.074	.078	.402	-.152	255	907	-.328	.079	-.114	-.669
255	707	-.125	.025	-.033	-.276	255	821	.068	.071	.397	-.176	255	908	-.385	.119	-.089	-.868
255	708	-.125	.022	-.056	-.237	255	822	.048	.075	.344	-.176	255	1001	-.093	.069	.170	-.364
255	709	-.115	.024	-.018	-.227	255	823	.115	.108	.535	-.199	255	1002	-.120	.030	-.015	-.292
255	710	-.134	.024	-.045	-.235	255	824	.240	.162	.767	-.377	255	1003	-.138	.020	-.069	-.212
255	711	-.132	.027	-.030	-.252	255	825	-.124	.025	-.030	-.234	255	1004	-.156	.020	-.092	-.245
255	712	-.136	.029	-.050	-.255	255	826	-.149	.030	-.046	-.287	0	0	0.000	0.000	0.000	0.000
255	713	-.129	.017	-.063	-.184	255	827	-.173	.039	-.040	-.336	0	0	0.000	0.000	0.000	0.000
255	714	-.121	.020	-.045	-.192	255	828	-.125	.039	.059	-.272	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	101	-.516	.199	.143	-1.394	270	208	-.218	.050	-.075	-.504	270	445	-.151	.053	.022	-.585
270	102	-.265	.150	.020	-1.059	270	209	-.213	.050	-.031	-.488	270	446	-.161	.047	.006	-.518
270	103	-.231	.103	-.016	-.797	270	210	-.195	.051	-.028	-.423	270	467	-.178	.041	-.016	-.363
270	104	-.196	.087	.007	-.755	270	211	-.197	.056	-.016	-.460	270	468	-.191	.077	.083	-.483
270	105	-.199	.082	.007	-.758	270	212	-.171	.062	.166	-.459	270	409	-.159	.061	.094	-.425
270	106	-.204	.074	-.021	-.670	270	213	-.226	.050	-.093	-.482	270	410	-.170	.054	.043	-.463
270	107	-.224	.063	-.042	-.573	270	214	-.200	.052	.065	-.475	270	411	-.156	.054	.027	-.427
270	108	-.186	.048	-.042	-.421	270	215	-.202	.053	.055	-.525	270	412	-.144	.051	.045	-.401
270	109	-.473	.202	.247	-1.313	270	216	-.197	.054	.169	-.423	270	413	-.140	.046	.038	-.435
270	110	-.296	.156	.102	-1.022	270	217	-.186	.052	.054	-.382	270	414	-.174	.036	-.048	-.350
270	111	-.241	.116	.088	-.854	270	218	-.141	.054	.146	-.337	270	415	-.168	.072	.131	-.449
270	112	-.205	.091	.062	-.643	270	219	-.201	.046	-.067	-.425	270	416	-.149	.066	.118	-.439
270	113	-.187	.073	.026	-.776	270	220	-.192	.046	.008	-.384	270	417	-.144	.058	.053	-.423
270	114	-.186	.061	.000	-.591	270	221	-.184	.043	-.029	-.379	270	418	-.149	.056	.034	-.412
270	115	-.206	.056	-.046	-.473	270	222	-.167	.043	.013	-.340	270	419	-.145	.053	.032	-.391
270	116	-.199	.047	-.030	-.493	270	223	-.171	.043	.039	-.311	270	420	-.144	.047	.022	-.347
270	117	-.379	.186	.231	-1.240	270	224	-.156	.045	.044	-.286	270	421	-.160	.035	-.018	-.296
270	118	-.274	.118	.094	-.880	270	225	-.189	.040	-.078	-.366	270	422	-.185	.061	.121	-.516
270	119	-.241	.096	.047	-.708	270	226	-.168	.040	-.046	-.332	270	423	-.175	.056	.035	-.515
270	120	-.218	.080	.039	-.564	270	227	-.176	.040	-.037	-.335	270	424	-.159	.052	.026	-.423
270	121	-.204	.071	.036	-.564	270	228	-.172	.038	-.034	-.324	270	425	-.143	.050	.034	-.390
270	122	-.190	.063	.023	-.499	270	229	-.171	.038	-.029	-.311	270	426	-.149	.050	.050	-.407
270	123	-.197	.058	.018	-.473	270	230	-.153	.040	-.024	-.322	270	427	-.147	.047	.018	-.342
270	124	-.192	.052	-.037	-.415	270	231	-.169	.036	-.024	-.304	270	428	-.165	.040	.011	-.363
270	125	-.299	.107	.078	-1.002	270	232	-.168	.035	-.018	-.301	270	429	-.179	.046	.006	-.391
270	126	-.254	.082	.033	-.669	270	301	-.206	.071	.032	-.535	270	430	-.179	.040	-.038	-.361
270	127	-.242	.072	.033	-.618	270	302	-.180	.080	.110	-.588	270	431	-.159	.038	-.021	-.527
270	128	-.228	.065	.044	-.503	270	303	-.119	.082	.251	-.478	270	432	-.161	.038	.042	-.323
270	129	-.215	.058	.020	-.498	270	304	-.159	.075	.155	-.483	270	433	-.149	.037	.008	-.385
270	130	-.190	.055	.115	-.425	270	305	-.180	.064	.123	-.489	270	434	-.139	.038	.062	-.510
270	131	-.196	.050	.016	-.392	270	306	-.182	.072	.181	-.486	270	435	-.162	.038	-.035	-.516
270	132	-.186	.050	-.005	-.421	270	307	-.142	.091	.297	-.430	270	436	-.163	.028	-.072	-.248
270	133	-.262	.060	-.067	-.727	270	308	-.142	.092	.369	-.451	270	501	-.159	.033	-.048	-.318
270	134	-.248	.057	-.060	-.499	270	309	-.174	.057	.101	-.391	270	502	-.156	.029	-.066	-.291
270	135	-.246	.056	.002	-.538	270	310	-.181	.063	.123	-.431	270	503	-.169	.028	-.085	-.286
270	136	-.237	.054	.007	-.429	270	311	-.155	.082	.323	-.491	270	504	-.173	.031	-.061	-.331
270	137	-.221	.049	-.046	-.506	270	312	-.151	.093	.300	-.507	270	505	-.175	.041	-.054	-.352
270	138	-.201	.049	-.029	-.460	270	313	-.181	.046	.050	-.369	270	506	-.181	.049	-.045	-.420
270	139	-.202	.045	-.052	-.426	270	314	-.182	.050	.101	-.376	270	507	-.169	.034	-.061	-.337
270	140	-.199	.048	-.063	-.457	270	315	-.174	.060	.168	-.414	270	508	-.168	.030	-.059	-.316
270	141	-.224	.045	-.062	-.428	270	316	-.186	.064	.157	-.473	270	509	-.163	.028	-.062	-.289
270	142	-.235	.059	-.052	-.508	270	317	-.191	.042	-.022	-.334	270	510	-.159	.027	-.062	-.273
270	143	-.211	.041	.002	-.353	270	318	-.189	.044	-.011	-.396	270	511	-.176	.033	-.080	-.411
270	144	-.202	.042	.021	-.369	270	319	-.187	.049	-.022	-.369	270	512	-.180	.041	-.062	-.479
270	201	-.208	.043	-.088	-.447	270	320	-.202	.053	.099	-.423	270	513	-.164	.032	-.081	-.379
270	202	-.192	.045	-.033	-.516	270	321	-.190	.040	-.653	-.321	270	514	-.160	.030	-.086	-.331
270	203	-.200	.045	.011	-.371	270	322	-.178	.041	-.054	-.332	270	515	-.175	.028	-.099	-.284
270	204	-.203	.054	.021	-.527	270	401	-.273	.109	-.018	-.810	270	516	-.170	.027	-.081	-.292
270	205	-.200	.060	-.010	-.485	270	402	-.190	.064	-.006	-.548	270	517	-.159	.026	-.066	-.296
270	206	-.171	.068	.049	-.475	270	403	-.181	.062	-.014	-.623	270	518	-.155	.030	-.059	-.352
270	207	-.221	.049	-.104	-.499	270	404	-.162	.058	.005	-.631	270	519	-.182	.035	-.096	-.403

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	520	-.146	.034	-.040	-.331	270	715	-.142	.020	-.079	-.224	270	829	-.087	.041	.197	-.267
270	521	-.152	.031	-.063	-.283	270	716	-.140	.021	-.082	-.232	270	831	.209	.087	.496	-.194
270	522	-.153	.028	-.063	-.308	270	717	-.133	.022	-.067	-.237	270	832	.279	.110	.616	-.124
270	523	-.151	.026	-.067	-.250	270	718	-.141	.025	-.061	-.278	270	833	.234	.128	.646	-.264
270	524	-.133	.028	-.010	-.288	270	719	-.126	.018	-.066	-.261	270	834	.103	.126	.641	-.271
270	525	-.172	.043	-.064	-.452	270	720	-.143	.018	-.092	-.221	270	835	-.015	.126	.519	-.417
270	526	-.165	.040	-.084	-.489	270	721	-.141	.018	-.087	-.227	270	836	-.084	.124	.512	-.567
270	527	-.160	.034	-.071	-.357	270	722	-.133	.018	-.077	-.221	270	837	-.149	.023	-.085	-.235
270	528	-.136	.029	-.013	-.298	270	723	-.125	.020	-.063	-.219	270	838	-.149	.026	-.039	-.249
270	529	-.140	.025	-.048	-.296	270	724	-.132	.020	-.058	-.209	270	839	-.204	.036	-.088	-.373
270	530	-.148	.025	-.058	-.321	270	725	-.145	.017	-.091	-.217	270	840	-.148	.035	.015	-.307
270	531	-.145	.019	-.081	-.226	270	726	-.141	.017	-.094	-.214	270	841	-.081	.038	.080	-.298
270	601	-.159	.049	0.000	-.410	270	727	-.133	.018	-.079	-.202	270	842	.111	.068	.352	-.264
270	602	-.143	.050	.081	-.372	270	728	-.124	.019	-.067	-.194	270	843	.202	.089	.510	-.179
270	603	-.139	.051	.094	-.517	270	729	-.142	.019	-.084	-.216	270	844	.281	.103	.664	-.117
270	604	-.131	.051	.038	-.408	270	730	-.123	.020	-.053	-.209	270	845	.217	.107	.558	-.075
270	605	-.152	.050	.007	-.430	270	731	-.140	.017	-.086	-.198	270	846	.056	.090	.475	-.315
270	606	-.150	.037	-.031	-.324	270	732	-.133	.017	-.071	-.199	270	847	-.127	.083	.369	-.502
270	607	-.138	.036	-.008	-.384	270	733	-.125	.019	-.063	-.209	270	848	-.189	.068	.184	-.427
270	608	-.130	.035	-.003	-.311	270	734	-.148	.019	-.084	-.229	270	849	-.145	.022	-.077	-.233
270	609	-.148	.031	-.043	-.305	270	735	-.140	.018	-.087	-.202	270	850	-.132	.025	-.034	-.230
270	610	-.146	.028	-.067	-.309	270	736	-.131	.020	-.067	-.224	270	851	-.163	.031	-.028	-.313
270	611	-.142	.027	-.010	-.280	270	737	-.119	.020	-.054	-.204	270	852	-.155	.038	.005	-.385
270	612	-.131	.023	-.051	-.222	270	801	-.176	.057	.046	-.432	270	853	-.044	.046	.129	-.271
270	613	-.149	.021	-.089	-.234	270	802	-.162	.076	.078	-.395	270	854	.131	.073	.408	-.219
270	614	-.143	.019	-.076	-.204	270	803	-.206	.085	.126	-.501	270	855	.209	.089	.491	-.243
270	615	-.134	.019	-.072	-.202	270	804	-.095	.067	.189	-.359	270	856	.274	.107	.580	-.347
270	616	-.135	.021	-.069	-.214	270	805	-.094	.058	.217	-.245	270	857	.197	.089	.475	-.227
270	617	-.150	.019	-.097	-.222	270	806	-.072	.069	.435	-.357	270	858	.038	.069	.285	-.326
270	618	-.144	.018	-.091	-.207	270	807	.122	.079	.439	-.233	270	859	-.127	.053	.117	-.369
270	619	-.135	.017	-.081	-.194	270	808	.200	.104	.541	-.227	270	860	-.174	.050	.122	-.375
270	620	-.127	.017	-.066	-.183	270	809	.209	.125	.598	-.201	270	861	.058	.066	.360	-.215
270	621	-.152	.019	-.099	-.235	270	810	.180	.146	.621	-.302	270	862	-.079	.036	.205	-.196
270	622	-.148	.019	-.094	-.214	270	811	.198	.163	.760	-.360	270	863	.095	.057	.359	-.075
270	623	-.139	.017	-.089	-.209	270	812	.240	.205	.877	-.305	270	864	.299	.093	.695	-.029
270	624	-.131	.017	-.081	-.188	270	813	-.173	.033	-.062	-.313	270	865	.177	.109	.744	-.074
270	625	-.147	.017	-.095	-.206	270	814	-.189	.041	-.029	-.344	270	901	-.330	.222	.119	-1.518
270	701	-.149	.038	-.005	-.336	270	815	-.227	.058	-.024	-.491	270	902	-.138	.062	.117	-.590
270	702	-.148	.038	-.013	-.392	270	816	-.136	.051	.034	-.305	270	903	-.079	.047	.052	-.321
270	703	-.141	.032	-.036	-.298	270	817	-.082	.049	.086	-.308	270	904	-.146	.057	.085	-.385
270	704	-.133	.038	-.030	-.321	270	818	.111	.070	.364	-.246	270	905	-.223	.120	.077	-.819
270	705	-.153	.019	-.089	-.230	270	819	.202	.086	.510	-.158	270	906	-.395	.106	-.028	-.734
270	706	-.143	.043	-.012	-.398	270	820	.273	.117	.753	-.192	270	907	-.560	.142	-.184	-1.079
270	707	-.143	.026	-.044	-.235	270	821	.256	.140	.704	-.173	270	908	-.671	.226	-.157	-1.432
270	708	-.136	.023	-.061	-.217	270	822	.182	.150	.644	-.227	270	1001	-.251	.083	-.070	-.905
270	709	-.129	.025	-.040	-.224	270	823	.141	.159	.758	-.396	270	1002	-.154	.032	-.036	-.364
270	710	-.147	.026	-.063	-.255	270	824	.109	.174	.677	-.346	270	1003	-.150	.022	-.082	-.245
270	711	-.144	.029	-.033	-.301	270	825	-.151	.028	-.051	-.209	270	1004	-.152	.022	-.083	-.253
270	712	-.151	.031	-.043	-.293	270	826	-.179	.032	-.060	-.300	0	0	0.000	0.000	0.000	0.000
270	713	-.132	.017	-.079	-.196	270	827	-.219	.044	-.029	-.383	0	0	0.000	0.000	0.000	0.000
270	714	-.126	.020	-.056	-.209	270	828	-.173	.038	.003	-.307	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	101	-.457	.111	-.196	-1.206	285	208	-.278	.064	.068	-.582	285	405	-.187	.048	-.008	-.477
285	102	-.482	.128	-.092	-1.195	285	209	-.255	.053	-.036	-.459	285	406	-.190	.043	-.022	-.444
285	103	-.475	.134	-.049	-1.206	285	210	-.244	.046	-.070	-.431	285	407	-.189	.044	-.024	-.518
285	104	-.461	.140	.081	-1.243	285	211	-.236	.045	-.073	-.446	285	408	-.261	.057	-.062	-.507
285	105	-.425	.127	-.003	-.942	285	212	-.227	.046	-.041	-.446	285	409	-.241	.054	-.043	-.520
285	106	-.387	.116	-.005	-.963	285	213	-.285	.070	-.083	-.639	285	410	-.239	.050	-.046	-.429
285	107	-.355	.110	.019	-.822	285	214	-.266	.060	-.011	-.524	285	411	-.225	.044	-.073	-.463
285	108	-.330	.111	.010	-1.021	285	215	-.261	.054	-.075	-.507	285	412	-.204	.041	-.041	-.458
285	109	-.447	.104	-.162	-1.077	285	216	-.251	.046	-.113	-.491	285	413	-.186	.036	-.041	-.436
285	110	-.466	.113	-.123	-.965	285	217	-.229	.042	-.031	-.392	285	414	-.195	.033	-.062	-.361
285	111	-.470	.118	-.083	-1.091	285	218	-.211	.044	.099	-.368	285	415	-.241	.063	-.006	-.493
285	112	-.451	.118	-.055	-1.041	285	219	-.274	.066	-.088	-.577	285	416	-.221	.057	.022	-.482
285	113	-.399	.113	-.008	-.851	285	220	-.254	.056	-.062	-.506	285	417	-.205	.050	.016	-.496
285	114	-.356	.103	-.023	-.856	285	221	-.249	.052	-.102	-.469	285	418	-.208	.048	-.016	-.493
285	115	-.330	.098	-.049	-.730	285	222	-.229	.042	-.089	-.391	285	419	-.196	.045	.019	-.388
285	116	-.321	.104	-.036	-.768	285	223	-.213	.038	-.079	-.391	285	420	-.183	.040	-.029	-.334
285	117	-.433	.109	-.131	-1.373	285	224	-.195	.038	-.049	-.373	285	421	-.177	.032	-.067	-.314
285	118	-.450	.116	-.162	-1.060	285	225	-.275	.073	-.049	-.684	285	422	-.200	.057	.076	-.471
285	119	-.448	.112	.006	-1.064	285	226	-.251	.061	-.092	-.550	285	423	-.192	.053	.010	-.388
285	120	-.424	.102	.058	-.814	285	227	-.242	.054	-.088	-.501	285	424	-.172	.048	.082	-.393
285	121	-.276	.087	.016	-.691	285	228	-.215	.040	-.094	-.446	285	425	-.158	.045	.041	-.358
285	122	-.339	.083	.023	-.593	285	229	-.184	.036	-.045	-.378	285	426	-.167	.044	.030	-.349
285	123	-.311	.084	-.047	-.590	285	230	-.156	.044	.118	-.290	285	427	-.163	.040	.008	-.333
285	124	-.298	.093	-.008	-.734	285	231	-.206	.042	-.083	-.404	285	428	-.176	.033	-.032	-.342
285	125	-.427	.104	-.135	-1.080	285	232	-.200	.039	-.071	-.405	285	429	-.168	.054	.071	-.345
285	126	-.446	.115	-.044	-1.096	285	301	-.264	.062	.038	-.658	285	430	-.168	.047	.054	-.360
285	127	-.439	.110	-.071	-.918	285	302	-.267	.077	.052	-.773	285	431	-.142	.045	.094	-.575
285	128	-.403	.099	-.081	-.796	285	303	-.259	.080	.074	-.829	285	432	-.144	.042	.049	-.436
285	129	-.356	.088	-.058	-.825	285	304	-.271	.077	.044	-.868	285	433	-.133	.041	.092	-.363
285	130	-.324	.085	.013	-.673	285	305	-.256	.050	-.024	-.556	285	434	-.125	.041	.067	-.317
285	131	-.298	.080	.073	-.666	285	306	-.257	.056	.055	-.658	285	435	-.165	.031	-.044	-.285
285	132	-.293	.092	-.047	-.674	285	307	-.251	.065	.228	-.626	285	436	-.163	.031	.021	-.299
285	133	-.439	.121	-.097	-1.234	285	308	-.266	.070	.097	-.615	285	501	-.181	.035	-.073	-.382
285	134	-.460	.136	-.149	-1.187	285	309	-.250	.043	.008	-.412	285	502	-.176	.030	-.081	-.295
285	135	-.427	.118	-.010	-.922	285	310	-.255	.045	.087	-.441	285	503	-.191	.031	-.092	-.314
285	136	-.394	.115	.141	-.872	285	311	-.250	.060	.219	-.444	285	504	-.201	.040	-.073	-.423
285	137	-.340	.094	.005	-.772	285	312	-.264	.075	.179	-.482	285	505	-.208	.051	-.074	-.510
285	138	-.325	.094	-.062	-1.017	285	313	-.219	.039	-.060	-.361	285	506	-.209	.056	-.044	-.705
285	139	-.305	.084	.023	-.717	285	314	-.226	.041	-.057	-.390	285	507	-.193	.033	-.033	-.323
285	140	-.305	.104	-.085	-.850	285	315	-.220	.053	.021	-.425	285	508	-.189	.030	-.073	-.326
285	141	-.356	.093	-.089	-.754	285	316	-.226	.062	.057	-.458	285	509	-.185	.030	-.062	-.344
285	142	-.401	.113	-.096	-.982	285	317	-.193	.037	-.010	-.355	285	510	-.185	.036	-.065	-.412
285	143	-.312	.073	-.130	-.652	285	318	-.204	.039	.000	-.387	285	511	-.207	.046	-.092	-.461
285	144	-.293	.071	-.102	-.713	285	319	-.195	.051	.084	-.401	285	512	-.220	.063	-.046	-.740
285	201	-.280	.076	-.003	-.653	285	320	-.199	.063	.125	-.455	285	513	-.182	.035	-.067	-.422
285	202	-.263	.070	-.023	-.626	285	321	-.192	.041	.078	-.315	285	514	-.177	.032	-.090	-.336
285	203	-.258	.066	-.050	-.580	285	322	-.187	.038	.060	-.306	285	515	-.189	.028	-.101	-.288
285	204	-.250	.063	-.054	-.509	285	401	-.257	.068	-.030	-.615	285	516	-.184	.030	-.090	-.369
285	205	-.231	.059	-.013	-.529	285	402	-.249	.063	-.019	-.621	285	517	-.181	.036	-.054	-.398
285	206	-.224	.060	-.018	-.564	285	403	-.231	.060	-.030	-.534	285	518	-.180	.041	-.024	-.442
285	207	-.301	.077	-.013	-.650	285	404	-.208	.054	-.029	-.545	285	519	-.188	.032	-.081	-.323

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	520	-.153	.033	-.064	-.264	285	715	-.173	.024	-.099	-.276	285	829	-.118	.043	.176	-.257
285	521	-.160	.031	-.063	-.295	285	716	-.170	.024	-.092	-.265	285	831	.118	.093	.478	-.147
285	522	-.163	.029	-.066	-.292	285	717	-.163	.024	-.082	-.288	285	832	.232	.110	.623	-.065
285	523	-.168	.029	-.036	-.267	285	718	-.169	.027	-.084	-.273	285	833	.306	.120	.737	-.005
285	524	-.151	.032	-.065	-.265	285	719	-.153	.021	-.071	-.224	285	834	.330	.123	.787	.019
285	525	-.170	.029	-.073	-.290	285	720	-.172	.021	-.100	-.242	285	835	.308	.138	.847	-.104
285	526	-.174	.033	-.077	-.331	285	721	-.167	.020	-.074	-.240	285	836	.195	.136	.688	-.261
285	527	-.173	.030	-.064	-.301	285	722	-.159	.019	-.097	-.232	285	837	-.166	.022	-.084	-.269
285	528	-.151	.029	.021	-.287	285	723	-.150	.021	-.082	-.232	285	838	-.159	.026	-.045	-.285
285	529	-.156	.029	-.036	-.280	285	724	-.159	.022	-.082	-.242	285	839	-.205	.034	-.079	-.366
285	530	-.163	.031	-.003	-.292	285	725	-.172	.020	-.084	-.239	285	840	-.154	.034	-.005	-.293
285	531	-.171	.025	-.071	-.311	285	726	-.167	.020	-.097	-.245	285	841	-.124	.037	.044	-.265
285	601	-.176	.053	.025	-.395	285	727	-.159	.020	-.087	-.231	285	842	.022	.064	.427	-.183
285	602	-.144	.053	.068	-.331	285	728	-.151	.021	-.082	-.237	285	843	.086	.081	.571	-.129
285	603	-.152	.057	.058	-.404	285	729	-.169	.021	-.089	-.249	285	844	.190	.091	.656	-.066
285	604	-.146	.057	.120	-.404	285	730	-.152	.022	-.079	-.245	285	845	.241	.101	.633	-.031
285	605	-.177	.058	.119	-.463	285	731	-.166	.019	-.104	-.247	285	846	.233	.098	.628	-.053
285	606	-.175	.047	.015	-.392	285	732	-.159	.019	-.097	-.232	285	847	.149	.108	.479	-.231
285	607	-.161	.043	.010	-.425	285	733	-.151	.021	-.087	-.242	285	848	.023	.111	.435	-.377
285	608	-.162	.046	-.026	-.428	285	734	-.175	.021	-.109	-.282	285	849	-.157	.022	-.086	-.269
285	609	-.183	.043	-.040	-.476	285	735	-.165	.020	-.104	-.240	285	850	-.145	.024	-.062	-.235
285	610	-.173	.038	-.063	-.422	285	736	-.159	.021	-.084	-.242	285	851	-.158	.028	-.045	-.288
285	611	-.167	.033	-.043	-.359	285	737	-.145	.022	-.064	-.229	285	852	-.156	.033	-.045	-.329
285	612	-.157	.030	-.049	-.321	285	801	-.203	.061	-.010	-.562	285	853	-.093	.036	.040	-.228
285	613	-.178	.028	-.082	-.377	285	802	-.188	.075	.068	-.558	285	854	.012	.052	.212	-.147
285	614	-.174	.028	-.097	-.394	285	803	-.195	.081	.073	-.537	285	855	.067	.063	.324	-.163
285	615	-.165	.025	-.089	-.310	285	804	-.075	.065	.136	-.363	285	856	.149	.083	.547	-.057
285	616	-.165	.028	-.046	-.339	285	805	-.106	.065	.202	-.327	285	857	.141	.095	.481	-.110
285	617	-.181	.025	-.094	-.305	285	806	.057	.098	.515	-.223	285	858	.083	.094	.474	-.212
285	618	-.174	.022	-.094	-.267	285	807	.090	.110	.468	-.288	285	859	-.040	.075	.228	-.322
285	619	-.165	.021	-.100	-.259	285	808	.186	.115	.592	-.131	285	860	-.146	.071	.102	-.481
285	620	-.155	.020	-.092	-.231	285	809	.246	.124	.940	-.110	285	861	.105	.098	.444	-.217
285	621	-.183	.028	-.091	-.384	285	810	.313	.130	.740	-.100	285	862	-.098	.033	.023	-.228
285	622	-.174	.025	-.089	-.320	285	811	.389	.148	.919	-.049	285	863	.020	.054	.254	-.152
285	623	-.166	.022	-.097	-.262	285	812	.411	.167	.869	-.185	285	864	.192	.090	.573	-.063
285	624	-.157	.021	-.091	-.239	285	813	-.189	.037	-.058	-.458	285	865	.353	.172	.967	-.115
285	625	-.174	.020	-.097	-.245	285	814	-.195	.042	-.023	-.463	285	901	-.646	.155	-.167	-1.518
285	701	-.182	.047	-.005	-.502	285	815	-.217	.054	-.031	-.453	285	902	-.529	.146	-.015	-1.102
285	702	-.176	.039	-.056	-.413	285	816	-.133	.047	.050	-.359	285	903	-.098	.044	.079	-.251
285	703	-.168	.033	-.066	-.349	285	817	-.104	.050	.146	-.368	285	904	-.140	.039	.015	-.309
285	704	-.160	.036	-.044	-.338	285	818	.074	.091	.500	-.231	285	905	-.156	.072	.092	-.584
285	705	-.180	.022	-.120	-.250	285	819	.158	.112	.620	-.191	285	906	-.458	.125	.029	-.987
285	706	-.168	.044	-.046	-.380	285	820	.265	.118	.664	-.058	285	907	-.580	.114	-.270	-1.106
285	707	-.173	.033	-.063	-.400	285	821	.347	.124	.795	-.005	285	908	-.611	.151	-.280	-1.428
285	708	-.165	.028	-.072	-.336	285	822	.397	.134	.874	.011	285	1001	-.468	.174	-.063	-1.246
285	709	-.157	.028	-.068	-.301	285	823	.423	.156	.995	-.100	285	1002	-.154	.029	-.045	-.288
285	710	-.175	.028	-.082	-.298	285	824	.345	.160	.826	-.163	285	1003	-.156	.023	-.071	-.238
285	711	-.174	.032	-.087	-.315	285	825	-.161	.027	-.053	-.280	285	1004	-.161	.024	-.078	-.285
285	712	-.177	.034	-.077	-.331	285	826	-.178	.031	-.044	-.303	0	0	0.000	0.000	0.000	0.000
285	713	-.162	.022	-.091	-.285	285	827	-.205	.041	0.000	-.376	0	0	0.000	0.000	0.000	0.000
285	714	-.155	.024	-.064	-.268	285	828	-.168	.038	.002	-.350	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	101	-.227	.048	-.067	-.533	300	208	-.224	.045	-.056	-.463	300	405	-.254	.078	-.044	-.788
300	102	-.241	.060	-.043	-.699	300	209	-.214	.040	-.051	-.391	300	406	-.272	.075	-.040	-.806
300	103	-.247	.062	-.088	-.669	300	210	-.215	.040	-.051	-.375	300	407	-.291	.089	-.094	-1.163
300	104	-.256	.069	-.062	-.769	300	211	-.217	.042	-.034	-.370	300	408	-.256	.051	-.105	-.548
300	105	-.263	.078	-.038	-.649	300	212	-.217	.043	-.033	-.381	300	409	-.246	.053	-.063	-.550
300	106	-.264	.078	-.006	-.640	300	213	-.230	.039	-.051	-.373	300	410	-.257	.055	-.050	-.553
300	107	-.268	.082	-.014	-.700	300	214	-.218	.034	-.053	-.329	300	411	-.262	.061	-.081	-.741
300	108	-.285	.095	-.016	-.965	300	215	-.214	.033	-.045	-.341	300	412	-.258	.064	-.059	-.695
300	109	-.228	.049	-.072	-.538	300	216	-.218	.034	-.073	-.346	300	413	-.259	.066	-.069	-.747
300	110	-.234	.051	-.064	-.637	300	217	-.216	.034	-.081	-.359	300	414	-.284	.066	-.097	-.780
300	111	-.238	.054	-.005	-.688	300	218	-.216	.034	-.056	-.357	300	415	-.264	.037	-.147	-.421
300	112	-.245	.055	-.008	-.835	300	219	-.232	.040	-.081	-.480	300	416	-.248	.037	-.105	-.391
300	113	-.241	.049	-.072	-.448	300	220	-.216	.031	-.085	-.345	300	417	-.244	.039	-.083	-.385
300	114	-.244	.049	-.070	-.439	300	221	-.210	.029	-.102	-.310	300	418	-.258	.041	-.113	-.404
300	115	-.251	.053	-.073	-.471	300	222	-.210	.030	-.102	-.306	300	419	-.263	.046	-.114	-.443
300	116	-.273	.072	-.081	-.656	300	223	-.213	.029	-.089	-.302	300	420	-.260	.052	-.061	-.451
300	117	-.221	.051	-.045	-.622	300	224	-.215	.029	-.086	-.306	300	421	-.262	.056	-.022	-.523
300	118	-.226	.052	0.000	-.571	300	225	-.228	.039	-.124	-.447	300	422	-.262	.034	-.152	-.382
300	119	-.230	.049	0.008	-.538	300	226	-.211	.031	-.112	-.413	300	423	-.252	.033	-.124	-.366
300	120	-.236	.046	-.027	-.475	300	227	-.208	.031	-.107	-.396	300	424	-.245	.035	-.108	-.365
300	121	-.235	.042	-.102	-.412	300	228	-.213	.032	-.089	-.394	300	425	-.245	.037	-.083	-.368
300	122	-.241	.041	-.093	-.416	300	229	-.211	.028	-.094	-.318	300	426	-.262	.041	-.106	-.410
300	123	-.249	.045	-.083	-.479	300	230	-.210	.028	-.110	-.302	300	427	-.267	.045	-.136	-.482
300	124	-.270	.058	-.072	-.566	300	231	-.207	.028	-.110	-.300	300	428	-.263	.050	-.125	-.487
300	125	-.219	.045	-.051	-.535	300	232	-.209	.027	-.121	-.330	300	429	-.240	.031	-.136	-.351
300	126	-.226	.045	-.053	-.456	300	301	-.263	.062	-.009	-.512	300	430	-.252	.032	-.144	-.390
300	127	-.233	.044	-.086	-.431	300	302	-.265	.068	0.019	-.725	300	431	-.233	.031	-.130	-.387
300	128	-.239	.043	-.107	-.420	300	303	-.264	.075	0.019	-.845	300	432	-.258	.034	-.117	-.384
300	129	-.234	.040	-.115	-.383	300	304	-.283	.079	-.017	-.728	300	433	-.256	.036	-.138	-.406
300	130	-.240	.040	-.124	-.428	300	305	-.253	.048	-.047	-.478	300	434	-.258	.042	-.108	-.487
300	131	-.248	.044	-.142	-.437	300	306	-.254	.051	-.059	-.546	300	435	-.272	.047	-.091	-.535
300	132	-.266	.054	-.132	-.493	300	307	-.253	.054	-.074	-.570	300	436	-.251	.029	-.146	-.346
300	133	-.219	.044	-.083	-.509	300	308	-.274	.060	-.097	-.717	300	501	-.300	.075	-.116	-.820
300	134	-.236	.048	-.097	-.586	300	309	-.248	.035	-.110	-.374	300	502	-.285	.057	-.127	-.535
300	135	-.245	.049	-.120	-.541	300	310	-.248	.036	-.117	-.407	300	503	-.306	.063	-.141	-.567
300	136	-.251	.047	-.126	-.558	300	311	-.245	.037	-.122	-.409	300	504	-.323	.079	-.117	-.773
300	137	-.234	.042	-.120	-.458	300	312	-.265	.039	-.125	-.485	300	505	-.332	.092	-.135	-.861
300	138	-.236	.042	-.113	-.629	300	313	-.247	.033	-.119	-.374	300	506	-.326	.093	-.125	-.891
300	139	-.237	.042	-.126	-.477	300	314	-.245	.034	-.122	-.376	300	507	-.312	.078	-.141	-.783
300	140	-.264	.059	-.132	-.627	300	315	-.243	.034	-.130	-.401	300	508	-.300	.058	-.132	-.561
300	141	-.242	.045	-.120	-.426	300	316	-.264	.034	-.169	-.459	300	509	-.305	.064	-.122	-.567
300	142	-.271	.064	-.107	-.571	300	317	-.241	.029	-.128	-.343	300	510	-.319	.075	-.103	-.658
300	143	-.230	.040	-.110	-.391	300	318	-.239	.029	-.130	-.337	300	511	-.346	.088	-.117	-.828
300	144	-.234	.039	-.121	-.410	300	319	-.237	.029	-.138	-.330	300	512	-.348	.091	-.161	-.858
300	201	-.237	.061	-.048	-.610	300	320	-.256	.029	-.155	-.359	300	513	-.263	.051	-.080	-.542
300	202	-.227	.056	-.049	-.661	300	321	-.245	.030	-.142	-.349	300	514	-.263	.050	-.124	-.554
300	203	-.228	.055	.003	-.669	300	322	-.239	.030	-.133	-.349	300	515	-.291	.057	-.086	-.568
300	204	-.231	.056	.029	-.750	300	401	-.264	.077	-.066	-.723	300	516	-.311	.065	-.142	-.741
300	205	-.228	.058	-.040	-.445	300	402	-.269	.076	-.044	-.715	300	517	-.327	.079	-.155	-.781
300	206	-.226	.062	.006	-.475	300	403	-.262	.074	-.042	-.900	300	518	-.336	.090	-.125	-1.002
300	207	-.236	.050	-.077	-.491	300	404	-.256	.077	-.036	-.797	300	519	-.257	.042	-.121	-.517

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	520	-.211	.038	-.076	-.376	300	715	-.314	.039	-.188	-.448	300	829	-.176	.051	.149	-.548
300	521	-.223	.040	-.035	-.431	300	716	-.306	.038	-.188	-.474	300	831	.114	.120	.569	-.174
300	522	-.240	.048	-.092	-.501	300	717	-.294	.037	-.177	-.468	300	832	.170	.110	.599	-.082
300	523	-.254	.053	-.122	-.567	300	718	-.298	.042	-.183	-.456	300	833	.186	.107	.633	-.075
300	524	-.251	.065	-.026	-.636	300	719	-.259	.034	-.145	-.376	300	834	.170	.116	.740	-.067
300	525	-.228	.038	-.082	-.414	300	720	-.286	.033	-.186	-.407	300	835	.116	.125	.647	-.179
300	526	-.218	.040	-.077	-.435	300	721	-.289	.031	-.169	-.330	300	836	.049	.115	.475	-.233
300	527	-.217	.040	-.084	-.399	300	722	-.280	.030	-.175	-.374	300	837	-.272	.037	-.168	-.430
300	528	-.201	.043	-.040	-.429	300	723	-.269	.031	-.166	-.308	300	838	-.253	.040	-.125	-.414
300	529	-.215	.045	-.022	-.429	300	724	-.267	.035	-.157	-.381	300	839	-.299	.053	-.147	-.488
300	530	-.231	.052	.011	-.542	300	725	-.260	.032	-.166	-.387	300	840	-.235	.045	-.074	-.435
300	531	-.228	.027	-.132	-.337	300	726	-.259	.031	-.161	-.371	300	841	-.179	.041	0.000	-.384
300	601	-.280	.072	-.051	-.636	300	727	-.260	.031	-.164	-.374	300	842	-.005	.080	.404	-.234
300	602	-.233	.069	-.031	-.575	300	728	-.257	.033	-.159	-.384	300	843	.069	.097	.500	-.184
300	603	-.258	.076	-.003	-.590	300	729	-.260	.031	-.169	-.399	300	844	.141	.087	.545	-.071
300	604	-.265	.081	-.011	-.561	300	730	-.249	.033	-.111	-.358	300	845	.150	.084	.526	-.080
300	605	-.319	.088	-.056	-.718	300	731	-.250	.033	-.153	-.382	300	846	.111	.079	.566	-.125
300	606	-.285	.069	-.074	-.627	300	732	-.233	.032	-.108	-.363	300	847	.017	.076	.393	-.208
300	607	-.254	.061	-.026	-.569	300	733	-.247	.035	-.143	-.374	300	848	-.059	.068	.256	-.235
300	608	-.274	.071	-.008	-.623	300	734	-.277	.034	-.185	-.399	300	849	-.252	.036	-.142	-.400
300	609	-.313	.076	-.063	-.720	300	735	-.238	.030	-.154	-.347	300	850	-.230	.039	-.096	-.388
300	610	-.320	.064	-.161	-.665	300	736	-.258	.033	-.164	-.387	300	851	-.254	.047	-.106	-.449
300	611	-.258	.063	.032	-.480	300	737	-.239	.033	-.141	-.365	300	852	-.250	.053	-.112	-.646
300	612	-.247	.060	.039	-.448	300	801	-.340	.070	-.070	-.721	300	853	-.160	.054	.364	-.548
300	613	-.287	.058	-.095	-.508	300	802	-.301	.081	-.051	-.641	300	854	-.002	.086	.334	-.539
300	614	-.294	.052	-.082	-.562	300	803	-.285	.082	-.027	-.668	300	855	.071	.096	.494	-.411
300	615	-.291	.046	-.170	-.480	300	804	-.120	.067	.173	-.468	300	856	.128	.093	.545	-.363
300	616	-.231	.062	.008	-.543	300	805	-.130	.061	.155	-.518	300	857	.098	.080	.382	-.222
300	617	-.254	.050	-.024	-.493	300	806	.065	.112	.476	-.270	300	858	.032	.073	.323	-.214
300	618	-.276	.047	-.082	-.474	300	807	.113	.138	.716	-.221	300	859	-.064	.055	.198	-.237
300	619	-.276	.040	-.112	-.418	300	808	.163	.137	.750	-.160	300	860	-.114	.049	.091	-.265
300	620	-.268	.036	-.169	-.410	300	809	.198	.143	.700	-.211	300	861	.028	.066	.297	-.184
300	621	-.262	.061	.042	-.535	300	810	.242	.161	.780	-.144	300	862	-.175	.043	.075	-.325
300	622	-.260	.047	-.092	-.497	300	811	.271	.174	.782	-.182	300	863	-.013	.064	.325	-.217
300	623	-.260	.041	-.132	-.437	300	812	.252	.171	.777	-.249	300	864	.146	.090	.643	-.090
300	624	-.252	.037	-.148	-.465	300	813	-.323	.051	-.179	-.436	300	865	.120	.104	.678	-.133
300	625	-.268	.035	-.166	-.395	300	814	-.310	.053	-.145	-.497	300	901	-.377	.115	-.125	-1.194
300	701	-.320	.064	-.112	-.652	300	815	-.314	.062	-.115	-.526	300	902	-.375	.122	.085	-.983
300	702	-.318	.056	-.157	-.587	300	816	-.213	.055	.054	-.422	300	903	-.132	.058	.066	-.435
300	703	-.305	.046	-.167	-.513	300	817	-.158	.053	.093	-.347	300	904	-.153	.050	.042	-.398
300	704	-.300	.047	-.157	-.514	300	818	.066	.107	.462	-.325	300	905	-.191	.068	.035	-.540
300	705	-.315	.033	-.225	-.440	300	819	.158	.139	.684	-.203	300	906	-.350	.095	-.051	-.857
300	706	-.302	.053	-.137	-.556	300	820	.222	.149	.777	-.133	300	907	-.348	.089	-.115	-.743
300	707	-.318	.056	-.166	-.564	300	821	.254	.158	.850	-.110	300	908	-.329	.099	-.107	-.954
300	708	-.307	.047	-.166	-.493	300	822	.266	.162	.884	-.126	300	1001	-.276	.086	-.051	-.900
300	709	-.303	.046	-.164	-.480	300	823	.251	.169	.799	-.131	300	1002	-.247	.042	-.115	-.427
300	710	-.317	.045	-.188	-.495	300	824	.169	.157	.639	-.245	300	1003	-.235	.031	-.139	-.384
300	711	-.314	.046	-.178	-.485	300	825	-.289	.041	-.160	-.435	300	1004	-.267	.050	-.139	-.507
300	712	-.319	.049	-.154	-.517	300	826	-.295	.046	-.121	-.454	0	0	0.000	0.000	0.000	0.000
300	713	-.290	.041	-.153	-.460	300	827	-.314	.057	-.098	-.536	0	0	0.000	0.000	0.000	0.000
300	714	-.293	.041	-.145	-.455	300	828	-.257	.051	-.669	-.472	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	101	-.213	.038	-.605	-.399	315	208	-.225	.036	-.695	-.369	315	405	-.307	.062	-.120	-.659
315	102	-.223	.043	-.692	-.443	315	209	-.226	.037	-.100	-.388	315	406	-.314	.048	-.184	-.553
315	103	-.227	.044	-.084	-.472	315	210	-.224	.039	-.111	-.400	315	407	-.318	.067	-.124	-1.642
315	104	-.237	.047	-.100	-.529	315	211	-.220	.040	-.100	-.392	315	408	-.292	.056	-.099	-.649
315	105	-.248	.049	-.655	-.538	315	212	-.218	.041	-.074	-.381	315	409	-.289	.054	-.122	-.695
315	106	-.249	.050	-.071	-.578	315	213	-.223	.030	-.111	-.331	315	410	-.299	.049	-.149	-.670
315	107	-.249	.054	-.060	-.565	315	214	-.216	.030	-.125	-.321	315	411	-.306	.056	-.155	-.596
315	108	-.262	.064	-.051	-.619	315	215	-.219	.032	-.123	-.342	315	412	-.298	.055	-.135	-.609
315	109	-.213	.037	-.602	-.370	315	216	-.224	.034	-.108	-.337	315	413	-.348	.057	-.159	-.736
315	110	-.217	.035	-.106	-.385	315	217	-.219	.033	-.120	-.359	315	414	-.319	.057	-.170	-.862
315	111	-.220	.034	-.116	-.366	315	218	-.212	.033	-.109	-.361	315	415	-.302	.046	-.175	-.467
315	112	-.228	.034	-.130	-.366	315	219	-.215	.032	-.098	-.328	315	416	-.283	.041	-.145	-.437
315	113	-.228	.031	-.131	-.353	315	220	-.214	.029	-.111	-.307	315	417	-.296	.039	-.164	-.436
315	114	-.228	.031	-.135	-.358	315	221	-.225	.033	-.119	-.339	315	418	-.304	.039	-.194	-.471
315	115	-.228	.034	-.119	-.378	315	222	-.226	.033	-.131	-.345	315	419	-.302	.044	-.164	-.456
315	116	-.240	.045	-.678	-.473	315	223	-.226	.032	-.106	-.343	315	420	-.292	.047	-.137	-.514
315	117	-.214	.034	-.087	-.364	315	224	-.223	.031	-.131	-.351	315	421	-.300	.050	-.140	-.561
315	118	-.222	.033	-.090	-.373	315	225	-.228	.034	-.682	-.353	315	422	-.297	.046	-.159	-.483
315	119	-.225	.032	-.109	-.353	315	226	-.220	.031	-.100	-.334	315	423	-.287	.035	-.155	-.406
315	120	-.231	.030	-.120	-.343	315	227	-.224	.030	-.103	-.328	315	424	-.282	.035	-.112	-.397
315	121	-.226	.029	-.138	-.347	315	228	-.228	.029	-.127	-.315	315	425	-.293	.034	-.177	-.437
315	122	-.226	.029	-.138	-.329	315	229	-.231	.030	-.114	-.342	315	426	-.300	.036	-.202	-.462
315	123	-.228	.030	-.111	-.345	315	230	-.223	.030	-.097	-.331	315	427	-.302	.040	-.179	-.444
315	124	-.238	.042	-.117	-.427	315	231	-.231	.029	-.112	-.334	315	428	-.291	.044	-.149	-.474
315	125	-.218	.032	-.122	-.397	315	232	-.227	.029	-.138	-.335	315	429	-.288	.036	-.159	-.412
315	126	-.226	.031	-.127	-.415	315	301	-.262	.054	-.060	-.476	315	430	-.291	.033	-.120	-.404
315	127	-.231	.031	-.133	-.434	315	302	-.253	.061	-.023	-.596	315	431	-.268	.033	-.162	-.416
315	128	-.237	.031	-.136	-.438	315	303	-.268	.067	.030	-.681	315	432	-.305	.034	-.192	-.432
315	129	-.230	.027	-.135	-.316	315	304	-.300	.074	-.022	-.903	315	433	-.295	.036	-.180	-.444
315	130	-.229	.027	-.131	-.316	315	305	-.262	.045	-.122	-.464	315	434	-.305	.040	-.177	-.462
315	131	-.227	.029	-.097	-.326	315	306	-.254	.046	-.107	-.459	315	435	-.309	.044	-.169	-.473
315	132	-.237	.041	-.084	-.402	315	307	-.271	.047	-.144	-.551	315	436	-.292	.031	-.159	-.412
315	133	-.223	.033	-.119	-.402	315	308	-.295	.051	-.160	-.568	315	501	-.313	.067	-.149	-.695
315	134	-.234	.034	-.131	-.408	315	309	-.262	.036	-.125	-.397	315	502	-.320	.055	-.185	-.598
315	135	-.240	.034	-.136	-.402	315	310	-.256	.036	-.145	-.399	315	503	-.344	.073	-.154	-.683
315	136	-.247	.034	-.138	-.435	315	311	-.275	.037	-.139	-.407	315	504	-.386	.093	-.164	-1.020
315	137	-.241	.031	-.157	-.351	315	312	-.306	.046	-.104	-.516	315	505	-.400	.110	-.164	-1.155
315	138	-.241	.030	-.130	-.358	315	313	-.261	.032	-.130	-.376	315	506	-.430	.115	-.184	-1.205
315	139	-.238	.031	-.149	-.367	315	314	-.256	.032	-.147	-.367	315	507	-.326	.062	-.132	-.643
315	140	-.247	.038	-.117	-.443	315	315	-.275	.032	-.144	-.389	315	508	-.335	.062	-.134	-.711
315	141	-.240	.032	-.144	-.370	315	316	-.305	.044	-.150	-.476	315	509	-.338	.068	-.164	-.753
315	142	-.286	.055	-.155	-.524	315	317	-.268	.031	-.157	-.371	315	510	-.363	.071	-.145	-.736
315	143	-.238	.032	-.142	-.362	315	318	-.262	.031	-.150	-.376	315	511	-.395	.089	-.125	-.878
315	144	-.237	.028	-.150	-.339	315	319	-.279	.031	-.162	-.392	315	512	-.434	.103	-.182	-1.095
315	201	-.241	.051	-.066	-.489	315	320	-.305	.041	-.180	-.499	315	513	-.300	.047	-.159	-.564
315	202	-.236	.051	-.054	-.451	315	321	-.269	.030	-.169	-.386	315	514	-.311	.048	-.185	-.598
315	203	-.234	.051	-.066	-.479	315	322	-.257	.030	-.144	-.379	315	515	-.330	.055	-.169	-.628
315	204	-.233	.050	-.055	-.423	315	401	-.341	.092	-.097	-.865	315	516	-.354	.061	-.127	-.613
315	205	-.225	.049	-.052	-.405	315	402	-.311	.071	-.099	-.748	315	517	-.370	.065	-.179	-.738
315	206	-.219	.053	-.033	-.421	315	403	-.307	.070	-.093	-.958	315	518	-.404	.083	-.182	-.965
315	207	-.227	.035	-.112	-.373	315	404	-.298	.066	-.090	-.806	315	519	-.306	.050	-.142	-.563

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	520	-.261	.047	-.133	-.477	315	715	-.372	.057	-.177	-.618	315	829	-.181	.046	-.008	-.343
315	521	-.285	.054	-.119	-.589	315	716	-.372	.056	-.157	-.613	315	831	.238	.118	.605	-.071
315	522	-.313	.067	-.114	-.671	315	717	-.354	.054	-.178	-.554	315	832	.334	.129	.812	.033
315	523	-.335	.078	-.138	-.875	315	718	-.359	.057	-.141	-.571	315	833	.321	.119	.723	.030
315	524	-.347	.091	-.096	-.952	315	719	-.309	.058	-.008	-.544	315	834	.244	.107	.664	-.040
315	525	-.272	.046	-.124	-.473	315	720	-.347	.060	-.159	-.650	315	835	.104	.101	.589	-.146
315	526	-.277	.053	-.122	-.610	315	721	-.359	.057	-.164	-.777	315	836	.010	.088	.402	-.197
315	527	-.286	.057	-.111	-.571	315	722	-.344	.052	-.162	-.711	315	837	-.293	.055	-.097	-.490
315	528	-.282	.066	-.069	-.647	315	723	-.326	.051	-.169	-.605	315	838	-.258	.057	-.029	-.485
315	529	-.315	.079	-.128	-.864	315	724	-.327	.050	-.157	-.522	315	839	-.304	.067	-.099	-.593
315	530	-.349	.099	-.114	-1.002	315	725	-.316	.054	-.149	-.576	315	840	-.245	.054	-.038	-.451
315	531	-.280	.039	-.169	-.464	315	726	-.327	.057	-.106	-.729	315	841	-.182	.042	-.024	-.338
315	601	-.318	.111	.220	-.759	315	727	-.323	.054	-.132	-.674	315	842	.069	.078	.404	-.192
315	602	-.283	.104	.409	-.644	315	728	-.312	.052	-.128	-.636	315	843	.190	.102	.643	-.070
315	603	-.302	.104	.196	-.724	315	729	-.327	.051	-.141	-.612	315	844	.277	.116	.791	-.076
315	604	-.318	.111	.152	-.734	315	730	-.299	.052	-.124	-.498	315	845	.260	.106	.651	-.043
315	605	-.387	.138	-.005	-1.149	315	731	-.312	.057	-.148	-.578	315	846	.174	.088	.542	-.232
315	606	-.284	.105	.144	-.618	315	732	-.294	.051	-.135	-.469	315	847	.009	.069	.413	-.200
315	607	-.258	.103	.169	-.615	315	733	-.299	.055	-.132	-.547	315	848	-.079	.051	.167	-.235
315	608	-.275	.105	.196	-.778	315	734	-.330	.056	-.170	-.575	315	849	-.276	.053	-.081	-.515
315	609	-.332	.102	.178	-.754	315	735	-.302	.050	-.146	-.517	315	850	-.240	.052	-.049	-.415
315	610	-.384	.102	-.040	-.807	315	736	-.319	.052	-.185	-.531	315	851	-.264	.057	-.075	-.473
315	611	-.259	.111	.238	-.756	315	737	-.295	.052	-.154	-.523	315	852	-.263	.055	-.083	-.485
315	612	-.239	.117	.254	-.634	315	801	-.389	.072	-.137	-.726	315	853	-.161	.043	-.014	-.472
315	613	-.295	.101	.213	-.628	315	802	-.346	.076	-.008	-.753	315	854	.044	.075	.338	-.229
315	614	-.325	.087	.095	-.671	315	803	-.339	.081	-.052	-.632	315	855	.144	.095	.542	-.224
315	615	-.336	.070	-.048	-.616	315	804	-.151	.070	-.138	-.381	315	856	.224	.109	.712	-.099
315	616	-.228	.118	.302	-.730	315	805	-.144	.066	.127	-.415	315	857	.187	.094	.604	-.068
315	617	-.252	.118	.335	-.701	315	806	.129	.091	.512	-.160	315	858	.084	.076	.372	-.184
315	618	-.296	.107	.278	-.761	315	807	.235	.116	.728	-.116	315	859	-.064	.050	.180	-.227
315	619	-.320	.082	.091	-.719	315	808	.293	.125	.737	-.122	315	860	-.112	.043	.227	-.251
315	620	-.319	.066	.058	-.592	315	809	.300	.131	.736	-.057	315	861	.062	.068	.361	-.151
315	621	-.271	.116	.342	-.724	315	810	.275	.139	.729	-.089	315	862	-.194	.050	.043	-.384
315	622	-.286	.112	.371	-.788	315	811	.244	.141	.732	-.124	315	863	.001	.055	.218	-.164
315	623	-.314	.086	.205	-.692	315	812	.156	.123	.556	-.194	315	864	.211	.091	.620	-.016
315	624	-.313	.070	.072	-.748	315	813	-.364	.064	-.162	-.618	315	865	.153	.083	.592	-.077
315	625	-.324	.061	-.108	-.664	315	814	-.342	.062	-.067	-.602	315	901	-.320	.089	-.105	-.368
315	701	-.387	.116	-.085	-1.056	315	815	-.343	.066	-.062	-.604	315	902	-.344	.107	.008	-1.364
315	702	-.389	.093	-.127	-.865	315	816	-.233	.055	-.037	-.429	315	903	-.157	.050	.049	-.354
315	703	-.384	.072	-.172	-.690	315	817	-.178	.050	.027	-.377	315	904	-.169	.050	.000	-.426
315	704	-.373	.069	-.178	-.711	315	818	.114	.085	.448	-.172	315	905	-.270	.076	.037	-.580
315	705	-.386	.051	-.239	-.631	315	819	.279	.123	.772	-.121	315	906	-.350	.098	-.011	-.813
315	706	-.367	.067	-.189	-.713	315	820	.371	.149	.880	-.059	315	907	-.308	.074	-.124	-.925
315	707	-.378	.090	-.117	-.865	315	821	.377	.150	.969	-.041	315	908	-.281	.078	-.108	-1.049
315	708	-.388	.076	-.159	-.748	315	822	.327	.143	.910	-.003	315	1001	-.284	.072	-.078	-.844
315	709	-.384	.070	-.133	-.660	315	823	.223	.137	.906	-.141	315	1002	-.273	.046	-.143	-.463
315	710	-.399	.065	-.194	-.673	315	824	.103	.114	.556	-.195	315	1003	-.271	.041	-.153	-.454
315	711	-.386	.062	-.215	-.660	315	825	-.311	.057	-.095	-.516	315	1004	-.313	.073	-.143	-.697
315	712	-.381	.064	-.197	-.658	315	826	-.309	.062	-.060	-.518	0	0	0.000	0.000	0.000	0.000
315	713	-.325	.060	-.058	-.539	315	827	-.323	.067	-.064	-.570	0	0	0.000	0.000	0.000	0.000
315	714	-.342	.061	-.069	-.594	315	828	-.264	.059	-.019	-.459	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	101	-.196	.030	-.093	-.341	330	268	-.204	.030	-.097	-.336	330	405	-.269	.035	-.147	-.539
330	102	-.203	.033	-.085	-.353	330	209	-.202	.028	-.123	-.319	330	406	-.277	.019	-.215	-.339
330	103	-.210	.036	-.091	-.463	330	210	-.198	.027	-.118	-.309	330	407	-.291	.043	-.150	-.807
330	104	-.220	.043	-.069	-.597	330	211	-.195	.028	-.118	-.317	330	408	-.265	.037	-.141	-.446
330	105	-.219	.049	-.068	-.522	330	212	-.195	.029	-.112	-.317	330	409	-.256	.032	-.127	-.428
330	106	-.214	.053	-.024	-.533	330	213	-.195	.026	-.104	-.319	330	410	-.261	.020	-.200	-.327
330	107	-.215	.057	-.041	-.573	330	214	-.193	.024	-.115	-.298	330	411	-.265	.030	-.164	-.425
330	108	-.224	.061	-.036	-.566	330	215	-.197	.024	-.110	-.305	330	412	-.261	.029	-.149	-.372
330	109	-.195	.029	-.097	-.319	330	216	-.201	.025	-.116	-.313	330	413	-.269	.028	-.182	-.367
330	110	-.197	.027	-.113	-.309	330	217	-.202	.026	-.124	-.316	330	414	-.284	.017	-.230	-.332
330	111	-.203	.027	-.112	-.313	330	218	-.194	.026	-.110	-.316	330	415	-.276	.037	-.164	-.408
330	112	-.209	.027	-.110	-.344	330	219	-.196	.027	-.110	-.371	330	416	-.256	.029	-.179	-.359
330	113	-.206	.031	-.099	-.333	330	220	-.200	.025	-.115	-.298	330	417	-.263	.026	-.184	-.359
330	114	-.201	.032	-.090	-.344	330	221	-.203	.024	-.116	-.287	330	418	-.267	.023	-.195	-.347
330	115	-.204	.034	-.071	-.369	330	222	-.203	.024	-.119	-.300	330	419	-.270	.027	-.184	-.432
330	116	-.211	.040	-.047	-.432	330	223	-.202	.023	-.121	-.286	330	420	-.266	.029	-.177	-.466
330	117	-.196	.028	-.110	-.322	330	224	-.199	.024	-.118	-.276	330	421	-.278	.029	-.197	-.422
330	118	-.202	.027	-.123	-.316	330	225	-.213	.029	-.094	-.316	330	422	-.273	.035	-.152	-.400
330	119	-.207	.026	-.134	-.322	330	226	-.208	.026	-.096	-.311	330	423	-.270	.027	-.136	-.380
330	120	-.210	.024	-.137	-.314	330	227	-.212	.025	-.093	-.306	330	424	-.265	.025	-.150	-.354
330	121	-.204	.024	-.134	-.302	330	228	-.214	.024	-.127	-.305	330	425	-.268	.022	-.182	-.352
330	122	-.198	.024	-.124	-.291	330	229	-.208	.025	-.130	-.308	330	426	-.273	.022	-.188	-.372
330	123	-.195	.025	-.118	-.294	330	230	-.199	.025	-.123	-.302	330	427	-.274	.028	-.184	-.398
330	124	-.202	.029	-.107	-.369	330	231	-.209	.025	-.127	-.306	330	428	-.271	.034	-.149	-.415
330	125	-.209	.030	-.124	-.357	330	232	-.210	.025	-.135	-.319	330	429	-.266	.023	-.195	-.382
330	126	-.214	.029	-.127	-.375	330	301	-.235	.034	-.124	-.395	330	430	-.267	.023	-.182	-.400
330	127	-.221	.028	-.140	-.364	330	302	-.230	.038	-.111	-.478	330	431	-.246	.023	-.158	-.326
330	128	-.226	.027	-.152	-.379	330	303	-.237	.040	-.051	-.453	330	432	-.280	.025	-.202	-.379
330	129	-.216	.026	-.134	-.319	330	304	-.262	.040	-.149	-.455	330	433	-.272	.025	-.179	-.372
330	130	-.210	.026	-.129	-.314	330	305	-.234	.031	-.132	-.400	330	434	-.271	.026	-.167	-.393
330	131	-.206	.026	-.118	-.306	330	306	-.230	.032	-.132	-.415	330	435	-.273	.031	-.150	-.422
330	132	-.206	.031	-.093	-.341	330	307	-.240	.031	-.147	-.405	330	436	-.267	.023	-.198	-.347
330	133	-.211	.029	-.138	-.338	330	308	-.262	.033	-.160	-.453	330	501	-.320	.064	-.150	-.699
330	134	-.217	.029	-.145	-.331	330	309	-.228	.028	-.139	-.355	330	502	-.276	.017	-.231	-.342
330	135	-.225	.028	-.149	-.333	330	310	-.225	.028	-.129	-.354	330	503	-.327	.067	-.139	-.656
330	136	-.233	.028	-.151	-.352	330	311	-.237	.029	-.142	-.362	330	504	-.341	.071	-.147	-.979
330	137	-.228	.026	-.146	-.328	330	312	-.268	.042	-.160	-.433	330	505	-.341	.068	-.162	-.870
330	138	-.225	.027	-.148	-.338	330	313	-.228	.026	-.144	-.327	330	506	-.346	.055	-.205	-.689
330	139	-.223	.028	-.121	-.311	330	314	-.225	.026	-.150	-.329	330	507	-.319	.064	-.136	-.696
330	140	-.226	.032	-.118	-.349	330	315	-.239	.026	-.154	-.327	330	508	-.311	.050	-.150	-.517
330	141	-.229	.029	-.132	-.349	330	316	-.272	.037	-.160	-.400	330	509	-.314	.052	-.170	-.526
330	142	-.270	.058	-.079	-.680	330	317	-.239	.025	-.155	-.362	330	510	-.329	.046	-.215	-.537
330	143	-.222	.029	-.149	-.350	330	318	-.235	.025	-.137	-.354	330	511	-.343	.075	-.141	-.903
330	144	-.221	.025	-.135	-.320	330	319	-.249	.024	-.157	-.362	330	512	-.352	.076	-.126	-.785
330	201	-.214	.047	-.046	-.424	330	320	-.280	.028	-.179	-.389	330	513	-.310	.049	-.184	-.570
330	202	-.202	.043	-.044	-.399	330	321	-.237	.024	-.131	-.312	330	514	-.306	.043	-.177	-.549
330	203	-.203	.038	-.082	-.382	330	322	-.230	.024	-.131	-.314	330	515	-.326	.061	-.149	-.713
330	204	-.205	.033	-.099	-.344	330	401	-.290	.050	-.157	-.579	330	516	-.348	.071	-.060	-.741
330	205	-.200	.031	-.105	-.324	330	402	-.268	.031	-.184	-.492	330	517	-.350	.034	-.268	-.503
330	206	-.193	.033	-.080	-.360	330	403	-.266	.040	-.144	-.450	330	518	-.352	.064	-.188	-.673
330	207	-.203	.032	-.093	-.347	330	404	-.262	.037	-.154	-.436	330	519	-.292	.050	-.150	-.557

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	520	-.265	.051	-.112	-.510	330	715	-.249	.083	.127	-.502	330	829	-.152	.045	.045	-.359
330	521	-.302	.061	-.098	-.605	330	716	-.238	.079	.085	-.489	330	831	.106	.102	.519	-.116
330	522	-.334	.070	-.136	-.652	330	717	-.204	.071	.092	-.540	330	832	.235	.122	.685	-.072
330	523	-.344	.078	-.141	-.844	330	718	-.196	.064	-.005	-.381	330	833	.273	.118	.758	-.024
330	524	-.331	.079	-.109	-.934	330	719	-.127	.099	.302	-.381	330	834	.227	.104	.648	-.027
330	525	-.249	.038	-.127	-.395	330	720	-.206	.094	.233	-.521	330	835	.094	.085	.502	-.130
330	526	-.263	.048	-.120	-.473	330	721	-.234	.093	.123	-.559	330	836	.004	.071	.331	-.198
330	527	-.283	.052	-.116	-.552	330	722	-.214	.077	.071	-.497	330	837	-.151	.061	.060	-.381
330	528	-.303	.068	-.114	-.616	330	723	-.177	.075	.116	-.456	330	838	-.126	.056	.078	-.329
330	529	-.346	.081	-.128	-.802	330	724	-.183	.064	.054	-.418	330	839	-.161	.061	.113	-.423
330	530	-.366	.083	-.160	-.821	330	725	-.184	.085	.252	-.440	330	840	-.137	.046	.019	-.312
330	531	-.247	.037	-.133	-.424	330	726	-.214	.078	.152	-.505	330	841	-.136	.041	.008	-.309
330	601	-.026	.152	.662	-.453	330	727	-.202	.073	.054	-.473	330	842	.007	.063	.298	-.196
330	602	.017	.163	.541	-.378	330	728	-.174	.072	.082	-.413	330	843	.088	.083	.450	-.154
330	603	-.016	.159	.624	-.426	330	729	-.194	.069	.089	-.473	330	844	.198	.112	.726	-.049
330	604	-.068	.146	.543	-.693	330	730	-.168	.064	.071	-.421	330	845	.226	.111	.759	-.039
330	605	-.168	.114	.434	-1.102	330	731	-.201	.061	-.608	-.453	330	846	.176	.100	.561	-.078
330	606	-.030	.128	.475	-.427	330	732	-.187	.059	0.000	-.402	330	847	.029	.078	.463	-.177
330	607	.052	.161	.586	-.423	330	733	-.177	.069	.082	-.468	330	848	-.063	.056	.265	-.254
330	608	.051	.171	.777	-.386	330	734	-.205	.069	.003	-.481	330	849	-.141	.057	.036	-.365
330	609	-.039	.157	.624	-.451	330	735	-.178	.058	.041	-.410	330	850	-.117	.049	.044	-.322
330	610	-.125	.119	.525	-.449	330	736	-.175	.070	.024	-.495	330	851	-.131	.046	.114	-.359
330	611	-.060	.103	.388	-.413	330	737	-.155	.071	.041	-.480	330	852	-.146	.046	-.009	-.343
330	612	.033	.138	.600	-.408	330	801	-.212	.062	-.024	-.499	330	853	-.121	.037	.016	-.340
330	613	-.002	.150	.546	-.404	330	802	-.206	.059	-.611	-.449	330	854	-.015	.055	.210	-.207
330	614	-.053	.149	.538	-.419	330	803	-.239	.061	.003	-.516	330	855	.040	.071	.353	-.227
330	615	-.107	.122	.559	-.397	330	804	-.179	.055	.052	-.411	330	856	.115	.090	.532	-.177
330	616	-.051	.102	.329	-.351	330	805	-.217	.063	.016	-.447	330	857	.106	.088	.460	-.122
330	617	-.015	.126	.480	-.391	330	806	-.039	.088	.284	-.315	330	858	.053	.087	.452	-.229
330	618	-.040	.133	.600	-.415	330	807	.084	.127	.525	-.290	330	859	-.057	.068	.303	-.240
330	619	-.094	.131	.537	-.475	330	808	.250	.152	.762	-.209	330	860	-.101	.051	.147	-.235
330	620	-.133	.113	.400	-.451	330	809	.294	.147	.756	-.158	330	861	.046	.074	.397	-.140
330	621	-.121	.096	.260	-.399	330	810	.257	.132	.084	-.149	330	862	-.102	.042	.030	-.281
330	622	-.098	.107	.337	-.597	330	811	.205	.119	.591	-.199	330	863	-.019	.063	.231	-.138
330	623	-.126	.113	.386	-.575	330	812	.107	.099	.472	-.201	330	864	.114	.071	.417	-.072
330	624	-.156	.107	.566	-.633	330	813	-.186	.068	.014	-.486	330	865	.172	.114	.707	-.079
330	625	-.211	.087	.253	-.779	330	814	-.184	.064	.003	-.469	330	901	-.309	.087	-.082	-.845
330	701	-.172	.090	.248	-.720	330	815	-.212	.067	-.025	-.478	330	902	-.324	.112	.030	-.881
330	702	-.239	.093	.168	-.757	330	816	-.176	.049	-.009	-.389	330	903	-.220	.054	.020	-.544
330	703	-.264	.077	.068	-.698	330	817	-.187	.054	-.011	-.442	330	904	-.243	.059	-.072	-1.093
330	704	-.254	.075	.011	-.669	330	818	-.022	.078	.298	-.295	330	905	-.274	.069	-.080	-.723
330	705	-.260	.053	-.109	-.419	330	819	.115	.115	.572	-.188	330	906	-.327	.117	.031	-.772
330	706	-.212	.068	-.005	-.594	330	820	.274	.133	.734	-.144	330	907	-.317	.081	-.080	-.794
330	707	-.126	.105	.350	-.438	330	821	.325	.135	.825	-.033	330	908	-.275	.077	-.097	-.990
330	708	-.207	.086	.160	-.483	330	822	.279	.119	.783	-.033	330	1001	-.279	.066	-.107	-.593
330	709	-.235	.082	.169	-.519	330	823	.165	.101	.540	-.135	330	1002	-.235	.030	-.135	-.381
330	710	-.255	.075	.079	-.600	330	824	.080	.083	.384	-.191	330	1003	-.237	.035	-.067	-.422
330	711	-.232	.073	.008	-.546	330	825	-.155	.061	.053	-.367	330	1004	-.319	.067	-.160	-.619
330	712	-.217	.070	.008	-.543	330	826	-.153	.059	.089	-.372	0	0	0.000	0.000	0.000	0.000
330	713	-.122	.099	.285	-.397	330	827	-.172	.058	.063	-.386	0	0	0.000	0.000	0.000	0.000
330	714	-.187	.097	.187	-.483	330	828	-.164	.050	.033	-.386	0	0	0.000	0.000	0.000	0.000

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	101	-.168	.039	-.041	-.341	345	208	-.160	.023	-.075	-.271	345	405	-.214	.045	-.074	-.466
345	102	-.179	.048	-.028	-.412	345	209	-.160	.023	-.081	-.240	345	406	-.226	.048	-.067	-.449
345	103	-.183	.056	-.011	-.486	345	210	-.157	.023	-.081	-.240	345	407	-.242	.053	-.080	-.463
345	104	-.187	.061	.003	-.661	345	211	-.153	.023	-.077	-.240	345	408	-.179	.034	-.087	-.332
345	105	-.185	.060	-.018	-.725	345	212	-.153	.023	-.081	-.243	345	409	-.172	.028	-.085	-.287
345	106	-.177	.052	-.042	-.573	345	213	-.155	.024	-.085	-.231	345	410	-.184	.029	-.088	-.300
345	107	-.174	.047	-.037	-.649	345	214	-.151	.020	-.069	-.223	345	411	-.198	.029	-.103	-.327
345	108	-.179	.042	-.041	-.598	345	215	-.152	.020	-.077	-.220	345	412	-.204	.031	-.074	-.337
345	109	-.163	.035	-.043	-.335	345	216	-.154	.019	-.088	-.218	345	413	-.214	.033	-.074	-.357
345	110	-.169	.032	-.065	-.312	345	217	-.150	.020	-.072	-.212	345	414	-.240	.045	-.043	-.467
345	111	-.172	.033	-.078	-.352	345	218	-.143	.021	-.066	-.214	345	415	-.175	.036	-.075	-.292
345	112	-.175	.034	-.077	-.349	345	219	-.159	.028	-.068	-.254	345	416	-.166	.028	-.083	-.255
345	113	-.173	.036	-.055	-.397	345	220	-.159	.024	-.077	-.251	345	417	-.180	.027	-.088	-.256
345	114	-.167	.034	-.057	-.367	345	221	-.161	.022	-.092	-.243	345	418	-.192	.026	-.111	-.268
345	115	-.166	.033	-.072	-.387	345	222	-.157	.021	-.094	-.234	345	419	-.202	.026	-.111	-.295
345	116	-.169	.035	-.058	-.412	345	223	-.154	.021	-.057	-.235	345	420	-.214	.030	-.095	-.329
345	117	-.170	.029	-.078	-.320	345	224	-.152	.022	-.038	-.240	345	421	-.236	.044	-.058	-.401
345	118	-.176	.027	-.083	-.280	345	225	-.182	.030	-.094	-.327	345	422	-.191	.037	-.071	-.342
345	119	-.180	.026	-.095	-.278	345	226	-.175	.027	-.091	-.327	345	423	-.182	.026	-.095	-.285
345	120	-.182	.026	-.094	-.304	345	227	-.173	.024	-.095	-.237	345	424	-.192	.025	-.120	-.313
345	121	-.166	.023	-.098	-.255	345	228	-.170	.022	-.103	-.280	345	425	-.204	.024	-.136	-.309
345	122	-.160	.023	-.092	-.240	345	229	-.161	.022	-.080	-.240	345	426	-.213	.026	-.138	-.317
345	123	-.159	.023	-.092	-.247	345	230	-.154	.023	-.057	-.231	345	427	-.219	.033	-.114	-.346
345	124	-.159	.026	-.080	-.304	345	231	-.166	.023	-.089	-.255	345	428	-.236	.049	-.085	-.430
345	125	-.176	.027	-.069	-.294	345	232	-.163	.022	-.091	-.237	345	429	-.192	.027	-.083	-.292
345	126	-.182	.026	-.089	-.275	345	301	-.159	.029	-.054	-.277	345	430	-.189	.025	-.094	-.284
345	127	-.187	.024	-.115	-.278	345	302	-.155	.030	-.035	-.288	345	431	-.203	.025	-.122	-.297
345	128	-.189	.024	-.115	-.281	345	303	-.159	.030	-.042	-.337	345	432	-.214	.035	-.122	-.380
345	129	-.182	.025	-.100	-.267	345	304	-.169	.032	-.054	-.356	345	433	-.210	.035	-.109	-.417
345	130	-.178	.025	-.088	-.260	345	305	-.149	.023	-.067	-.224	345	434	-.216	.037	-.107	-.377
345	131	-.173	.026	-.083	-.266	345	306	-.147	.023	-.056	-.232	345	435	-.230	.050	-.080	-.439
345	132	-.169	.032	-.071	-.298	345	307	-.154	.024	-.063	-.250	345	436	-.185	.026	-.103	-.274
345	133	-.181	.027	-.105	-.347	345	308	-.167	.028	-.059	-.282	345	501	-.286	.089	-.040	-.761
345	134	-.188	.026	-.103	-.349	345	309	-.144	.021	-.056	-.208	345	502	-.272	.069	-.058	-.665
345	135	-.192	.025	-.106	-.349	345	310	-.142	.021	-.056	-.208	345	503	-.270	.068	-.075	-.670
345	136	-.197	.024	-.108	-.355	345	311	-.149	.022	-.059	-.216	345	504	-.267	.056	-.122	-.590
345	137	-.194	.025	-.123	-.289	345	312	-.172	.033	-.054	-.327	345	505	-.261	.051	-.123	-.519
345	138	-.195	.026	-.118	-.309	345	313	-.146	.022	-.067	-.215	345	506	-.258	.047	-.119	-.465
345	139	-.191	.027	-.095	-.283	345	314	-.145	.023	-.063	-.220	345	507	-.277	.076	-.014	-.684
345	140	-.193	.031	-.103	-.310	345	315	-.153	.023	-.058	-.237	345	508	-.282	.063	-.043	-.575
345	141	-.192	.029	-.097	-.301	345	316	-.182	.036	-.077	-.330	345	509	-.264	.056	-.043	-.625
345	142	-.238	.068	-.058	-.561	345	317	-.153	.021	-.087	-.221	345	510	-.265	.055	-.104	-.615
345	143	-.185	.030	-.089	-.318	345	318	-.154	.022	-.071	-.228	345	511	-.260	.051	-.115	-.542
345	144	-.185	.026	-.108	-.303	345	319	-.164	.023	-.091	-.234	345	512	-.255	.047	-.109	-.497
345	201	-.174	.033	-.068	-.360	345	320	-.190	.031	-.067	-.335	345	513	-.278	.074	-.050	-.620
345	202	-.168	.027	-.061	-.290	345	321	-.154	.022	-.059	-.231	345	514	-.270	.059	-.035	-.511
345	203	-.169	.026	-.086	-.269	345	322	-.149	.022	-.043	-.216	345	515	-.259	.055	-.018	-.508
345	204	-.171	.027	-.063	-.306	345	401	-.180	.040	-.050	-.476	345	516	-.261	.058	-.107	-.580
345	205	-.164	.028	-.048	-.354	345	402	-.174	.036	-.053	-.423	345	517	-.256	.054	-.109	-.514
345	206	-.159	.029	-.045	-.271	345	403	-.188	.037	-.067	-.381	345	518	-.249	.051	-.111	-.648
345	207	-.162	.027	-.049	-.327	345	404	-.201	.041	-.074	-.433	345	519	-.262	.080	-.016	-.656

STATE OFFICE BUILDING CLEVELAND, OHIO

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	520	-.256	.064	-.670	-.542	345	715	.203	.154	.774	-.227	345	829	-.135	.038	-.010	-.259
345	521	-.271	.060	-.387	-.549	345	716	.120	.158	.785	-.276	345	831	-.132	.050	.100	-.318
345	522	-.298	.068	-.054	-.599	345	717	.051	.135	.604	-.296	345	832	-.056	.083	.314	-.272
345	523	-.291	.068	-.077	-.640	345	718	-.098	.115	.436	-.342	345	833	.030	.110	.498	-.234
345	524	-.262	.065	-.114	-.611	345	719	.252	.129	.754	-.153	345	834	.063	.115	.608	-.215
345	525	-.263	.066	-.064	-.557	345	720	.203	.133	.679	-.211	345	835	.016	.100	.680	-.244
345	526	-.267	.067	-.057	-.542	345	721	.179	.131	.717	-.258	345	836	-.048	.075	.450	-.271
345	527	-.301	.078	-.678	-.679	345	722	.145	.127	.612	-.287	345	837	-.266	.135	.005	-1.010
345	528	-.307	.079	-.072	-.655	345	723	.106	.131	.635	-.219	345	838	-.226	.109	.635	-.732
345	529	-.327	.084	-.103	-.776	345	724	-.047	.119	.491	-.397	345	839	-.143	.060	.005	-.489
345	530	-.320	.081	-.114	-.815	345	725	.117	.089	.451	-.296	345	840	-.110	.050	.027	-.322
345	531	-.298	.058	-.121	-.540	345	726	.126	.088	.557	-.149	345	841	-.108	.043	.045	-.279
345	601	.079	.118	.505	-.305	345	727	.145	.092	.547	-.198	345	842	-.115	.041	.629	-.269
345	602	.220	.133	.707	-.202	345	728	.168	.099	.581	-.116	345	843	-.186	.058	.154	-.342
345	603	.257	.143	.736	-.220	345	729	.135	.109	.511	-.196	345	844	-.023	.081	.363	-.259
345	604	.281	.147	.738	-.188	345	730	.068	.115	.578	-.243	345	845	.041	.096	.474	-.193
345	605	.194	.153	.702	-.230	345	731	.069	.069	.346	-.175	345	846	.051	.098	.505	-.264
345	606	.024	.105	.403	-.312	345	732	.078	.070	.317	-.155	345	847	-.022	.086	.318	-.264
345	607	.226	.133	.754	-.233	345	733	.156	.102	.508	-.175	345	848	-.068	.070	.229	-.353
345	608	.327	.155	.813	-.233	345	734	.131	.104	.469	-.201	345	849	-.316	.168	.441	-.982
345	609	.351	.163	.856	-.240	345	735	.098	.078	.376	-.157	345	850	-.178	.184	.638	-.696
345	610	.312	.160	.854	-.188	345	736	.163	.098	.531	-.103	345	851	-.120	.052	.037	-.328
345	611	-.024	.091	.291	-.323	345	737	.176	.097	.547	-.083	345	852	-.083	.058	.107	-.298
345	612	.196	.115	.575	-.129	345	801	-.170	.092	.603	-.871	345	853	-.083	.052	.143	-.282
345	613	.258	.133	.735	-.113	345	802	-.158	.061	.027	-.567	345	854	-.080	.047	.146	-.293
345	614	.293	.143	.825	-.157	345	803	-.159	.040	.014	-.355	345	855	-.060	.072	.325	-.428
345	615	.283	.143	.846	-.165	345	804	-.171	.040	-.045	-.366	345	856	.626	.090	.466	-.390
345	616	-.013	.084	.361	-.299	345	805	-.183	.034	-.072	-.360	345	857	.071	.101	.486	-.361
345	617	.134	.100	.539	-.126	345	806	-.180	.038	-.008	-.355	345	858	.067	.109	.533	-.287
345	618	.219	.124	.756	-.124	345	807	-.188	.056	.186	-.489	345	859	-.013	.091	.557	-.336
345	619	.267	.135	.735	-.145	345	808	-.122	.097	.380	-.478	345	860	-.073	.071	.269	-.366
345	620	.289	.141	.800	-.168	345	809	-.000	.149	.638	-.433	345	861	.069	.095	.450	-.207
345	621	-.054	.080	.323	-.338	345	810	.098	.165	.791	-.401	345	862	-.072	.047	.129	-.285
345	622	.079	.086	.400	-.198	345	811	.093	.151	.614	-.368	345	863	-.050	.036	.110	-.183
345	623	.099	.092	.478	-.150	345	812	.034	.117	.479	-.315	345	864	.618	.064	.530	-.158
345	624	.154	.102	.550	-.157	345	813	-.161	.079	-.024	-1.062	345	865	.123	.094	.527	-.103
345	625	.123	.102	.490	-.194	345	814	-.161	.069	-.016	-.764	345	901	-.248	.120	.237	-.798
345	701	.133	.129	.603	-.243	345	815	-.154	.044	-.041	-.388	345	902	-.197	.097	.124	-.640
345	702	.105	.128	.609	-.300	345	816	-.152	.038	-.036	-.449	345	903	-.259	.078	-.016	-.637
345	703	.044	.124	.460	-.318	345	817	-.164	.036	-.043	-.332	345	904	-.380	.117	-.018	-.954
345	704	.006	.127	.570	-.362	345	818	-.169	.039	.027	-.404	345	905	-.242	.120	.236	-.798
345	705	-.089	.083	.265	-.289	345	819	-.169	.054	.143	-.423	345	906	-.217	.045	-.081	-.474
345	706	-.126	.085	.369	-.362	345	820	-.099	.084	.282	-.326	345	907	-.290	.125	.088	-.887
345	707	.257	.146	.702	-.160	345	821	.006	.123	.540	-.299	345	908	-.273	.113	.053	-1.011
345	708	.196	.148	.735	-.292	345	822	.072	.131	.672	-.326	345	1001	-.207	.054	-.043	-.554
345	709	.151	.160	.665	-.300	345	823	.043	.117	.556	-.337	345	1002	-.193	.043	-.068	-.417
345	710	.065	.153	.645	-.302	345	824	-.001	.093	.334	-.334	345	1003	-.185	.045	-.048	-.384
345	711	-.010	.143	.581	-.377	345	825	-.179	.086	.022	-.705	345	1004	-.307	.076	-.113	-.686
345	712	-.126	.103	.599	-.411	345	826	-.175	.072	.003	-.551	0	0	0.000	0.000	0.000	0.000
345	713	.290	.129	.779	-.083	345	827	-.153	.052	-.010	-.380	0	0	0.000	0.000	0.000	0.000
345	714	.270	.146	.808	-.136	345	828	-.133	.042	-.005	-.374	0	0	0.000	0.000	0.000	0.000

APPENDIX B

PRESSURE DATA, POST OFFICE BUILDING

Note: Pressure coefficients are defined in Section 4.3
Pressure tap designation is explained in Figure 31

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	.005	.078	.348	-.241	15	101	-.054	.101	.486	-.438	30	101	-.172	.045	.059	-.391
0	102	.056	.101	.438	-.275	15	102	-.032	.089	.452	-.308	30	102	-.152	.071	.249	-.382
0	103	.105	.128	.598	-.319	15	103	-.013	.086	.452	-.298	30	103	-.110	.089	.280	-.473
0	104	.121	.079	.477	-.097	15	104	-.056	.063	.281	-.261	30	104	-.145	.042	.042	-.356
0	105	.212	.111	.724	-.095	15	105	-.015	.055	.220	-.192	30	105	-.078	.061	.164	-.266
0	106	.186	.145	.783	-.270	15	106	-.002	.061	.292	-.216	30	106	-.042	.075	.263	-.359
0	107	.104	.057	.364	-.050	15	107	-.030	.058	.264	-.207	30	107	-.133	.033	.009	-.240
0	108	.185	.104	.760	-.070	15	108	-.007	.053	.261	-.186	30	108	-.077	.060	.193	-.277
0	109	.161	.125	.640	-.170	15	109	.018	.066	.412	-.176	30	109	-.032	.073	.320	-.249
0	201	-.416	.151	.112	-.991	15	201	-.103	.090	.202	-.635	30	201	-.217	.087	.040	-.727
0	202	-.098	.046	.037	-.314	15	202	-.066	.037	.090	-.215	30	202	-.174	.039	-.045	-.365
0	203	-.099	.036	.032	-.278	15	203	-.081	.033	.099	-.272	30	203	-.177	.041	0.000	-.442
0	204	-.117	.023	-.049	-.213	15	204	-.112	.028	-.026	-.231	30	204	-.157	.038	-.042	-.390
0	205	-.346	.123	.074	-.920	15	205	-.061	.095	.264	-.527	30	205	-.142	.121	.169	-.756
0	206	-.092	.043	.039	-.330	15	206	-.049	.034	.069	-.338	30	206	-.135	.036	-.003	-.322
0	207	-.095	.030	.021	-.244	15	207	-.073	.030	.061	-.253	30	207	-.158	.032	-.048	-.300
0	208	-.123	.023	-.047	-.223	15	208	-.117	.028	0.000	-.236	30	208	-.136	.027	-.039	-.226
0	209	-.385	.188	.202	-1.454	15	209	-.041	.102	.289	-.773	30	209	-.086	.116	.289	-1.014
0	210	-.080	.040	.073	-.234	15	210	-.037	.031	.098	-.141	30	210	-.107	.032	.020	-.227
0	211	-.073	.031	.058	-.196	15	211	-.060	.032	.122	-.183	30	211	-.147	.034	-.032	-.278
0	212	-.120	.021	-.023	-.196	15	212	-.116	.025	-.035	-.208	30	212	-.139	.026	-.045	-.260
0	301	-.126	.023	-.029	-.238	15	301	-.129	.031	-.038	-.255	30	301	-.152	.034	-.036	-.297
0	302	-.124	.022	-.036	-.218	15	302	-.126	.029	-.042	-.234	30	302	-.149	.030	-.053	-.288
0	303	-.126	.022	-.052	-.217	15	303	-.127	.026	-.011	-.229	30	303	-.156	.027	-.060	-.249
0	304	-.125	.023	-.063	-.205	15	304	-.130	.031	-.030	-.247	30	304	-.137	.026	-.046	-.250
0	305	-.132	.022	-.066	-.205	15	305	-.136	.030	-.038	-.245	30	305	-.147	.024	-.063	-.240
0	306	-.123	.022	-.045	-.196	15	306	-.126	.025	-.038	-.248	30	306	-.140	.021	-.071	-.209
0	307	-.143	.028	-.071	-.270	15	307	-.141	.033	-.035	-.282	30	307	-.144	.025	-.059	-.237
0	308	-.129	.024	-.049	-.254	15	308	-.134	.030	-.043	-.253	30	308	-.140	.026	-.056	-.238
0	309	-.127	.022	-.039	-.238	15	309	-.128	.026	-.022	-.236	30	309	-.143	.023	-.071	-.215
0	401	-.411	.186	.116	-1.314	15	401	-.107	.086	.172	-.503	30	401	-.263	.103	-.017	-.745
0	402	-.116	.072	.102	-.569	15	402	-.086	.060	.099	-.378	30	402	-.209	.064	-.028	-.529
0	403	-.094	.038	.040	-.286	15	403	-.083	.048	.077	-.556	30	403	-.185	.052	-.040	-.478
0	404	-.116	.026	-.016	-.260	15	404	-.110	.033	0.000	-.335	30	404	-.173	.054	-.012	-.544
0	405	-.344	.132	.123	-.841	15	405	-.120	.111	.250	-.875	30	405	-.271	.098	.003	-.713
0	406	-.085	.049	.218	-.403	15	406	-.068	.048	.138	-.260	30	406	-.190	.045	-.036	-.379
0	407	-.077	.035	.086	-.251	15	407	-.070	.043	.101	-.261	30	407	-.176	.040	-.045	-.366
0	408	-.124	.025	-.018	-.218	15	408	-.119	.030	-.018	-.272	30	408	-.171	.046	-.056	-.507
0	409	-.273	.140	.167	-1.116	15	409	-.114	.099	.314	-.487	30	409	-.211	.052	-.080	-.536
0	410	-.087	.057	.163	-.412	15	410	-.078	.054	.114	-.300	30	410	-.188	.035	-.032	-.587
0	411	-.068	.035	.076	-.199	15	411	-.074	.041	.111	-.247	30	411	-.171	.028	-.039	-.291
0	412	-.123	.024	-.039	-.212	15	412	-.120	.029	-.021	-.228	30	412	-.170	.036	-.051	-.301

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	101	-.167	.034	-.038	-.319	60	101	-.168	.034	-.054	-.477	75	101	-.167	.088	.123	-.578
45	102	-.162	.033	-.029	-.380	60	102	-.181	.045	-.058	-.604	75	102	-.145	.090	.140	-.572
45	103	-.152	.038	-.005	-.375	60	103	-.172	.052	-.036	-.474	75	103	-.120	.082	.123	-.668
45	104	-.150	.028	-.054	-.266	60	104	-.157	.027	-.044	-.329	75	104	-.142	.059	.075	-.445
45	105	-.147	.030	.010	-.253	60	105	-.168	.035	-.048	-.331	75	105	-.104	.061	.105	-.455
45	106	-.149	.050	.048	-.444	60	106	-.194	.055	-.630	-.509	75	106	-.107	.065	.098	-.585
45	107	-.140	.024	-.067	-.242	60	107	-.148	.024	-.049	-.235	75	107	-.108	.054	.123	-.316
45	108	-.155	.029	-.005	-.260	60	108	-.173	.034	-.058	-.341	75	108	-.085	.064	.193	-.410
45	109	-.152	.050	.063	-.423	60	109	-.185	.052	-.035	-.520	75	109	-.079	.067	.138	-.550
45	201	-.158	.039	-.037	-.397	60	201	-.145	.040	-.005	-.318	75	201	-.101	.052	.083	-.344
45	202	-.123	.031	-.018	-.377	60	202	-.108	.033	-.005	-.344	75	202	-.078	.041	.048	-.369
45	203	-.133	.025	-.050	-.229	60	203	-.101	.029	-.010	-.260	75	203	-.078	.033	.030	-.316
45	204	-.142	.034	-.010	-.269	60	204	-.102	.031	-.015	-.361	75	204	-.080	.035	.013	-.351
45	205	-.130	.050	.063	-.434	60	205	-.124	.041	.086	-.298	75	205	-.100	.054	.073	-.414
45	206	-.126	.026	-.024	-.216	60	206	-.097	.028	.069	-.244	75	206	-.071	.033	.056	-.196
45	207	-.136	.024	-.042	-.212	60	207	-.096	.027	.008	-.212	75	207	-.068	.025	.023	-.164
45	208	-.145	.033	-.029	-.276	60	208	-.097	.023	-.020	-.227	75	208	-.071	.027	.012	-.223
45	209	-.125	.040	.056	-.351	60	209	-.127	.031	.008	-.231	75	209	-.103	.064	.083	-.508
45	210	-.129	.027	-.040	-.226	60	210	-.104	.030	-.008	-.227	75	210	-.075	.037	.045	-.224
45	211	-.132	.024	-.058	-.216	60	211	-.098	.022	-.010	-.181	75	211	-.064	.024	.017	-.145
45	212	-.148	.031	-.040	-.263	60	212	-.100	.024	-.007	-.250	75	212	-.071	.030	.037	-.269
45	301	-.183	.071	.026	-.680	60	301	-.116	.034	-.025	-.395	75	301	-.081	.038	.043	-.508
45	302	-.174	.053	.029	-.580	60	302	-.107	.029	-.012	-.362	75	302	-.076	.036	.073	-.279
45	303	-.180	.045	-.029	-.442	60	303	-.117	.030	-.025	-.482	75	303	-.091	.036	.081	-.369
45	304	-.166	.050	-.034	-.397	60	304	-.106	.025	-.036	-.242	75	304	-.067	.031	.027	-.274
45	305	-.168	.043	-.054	-.550	60	305	-.107	.021	-.035	-.179	75	305	-.068	.032	.055	-.226
45	306	-.163	.042	-.022	-.481	60	306	-.105	.021	-.031	-.188	75	306	-.067	.033	.078	-.168
45	307	-.169	.051	-.043	-.423	60	307	-.109	.024	-.040	-.211	75	307	-.070	.031	.133	-.188
45	308	-.151	.037	.074	-.325	60	308	-.098	.020	-.005	-.165	75	308	-.058	.026	.090	-.166
45	309	-.160	.036	-.024	-.313	60	309	-.106	.020	-.030	-.163	75	309	-.066	.030	.058	-.156
45	401	-.168	.039	-.011	-.348	60	401	-.153	.046	-.003	-.412	75	401	-.070	.063	.146	-.407
45	402	-.137	.041	-.013	-.523	60	402	-.125	.048	.028	-.445	75	402	-.085	.049	.096	-.382
45	403	-.134	.027	-.030	-.314	60	403	-.098	.036	.044	-.361	75	403	-.085	.043	.061	-.364
45	404	-.152	.036	-.003	-.305	60	404	-.104	.030	-.016	-.247	75	404	-.089	.040	.027	-.394
45	405	-.181	.043	-.014	-.430	60	405	-.160	.039	.046	-.369	75	405	-.067	.078	.271	-.508
45	406	-.158	.037	.002	-.364	60	406	-.132	.043	.069	-.440	75	406	-.089	.048	.055	-.317
45	407	-.143	.028	-.046	-.253	60	407	-.105	.037	.099	-.262	75	407	-.088	.037	.052	-.244
45	408	-.164	.039	-.032	-.369	60	408	-.106	.029	.007	-.290	75	408	-.097	.049	.053	-.485
45	409	-.194	.057	-.037	-.516	60	409	-.176	.044	.053	-.443	75	409	-.094	.078	.208	-.477
45	410	-.165	.038	-.035	-.373	60	410	-.153	.043	.061	-.346	75	410	-.109	.048	.090	-.366
45	411	-.156	.030	-.034	-.364	60	411	-.114	.034	.041	-.270	75	411	-.099	.036	.015	-.337
45	412	-.177	.041	-.053	-.471	60	412	-.112	.028	.021	-.240	75	412	-.101	.043	.120	-.395

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	101	-.098	.028	-.005	-.224	105	101	-.107	.038	.048	-.334	120	101	-.068	.028	.040	-.259
90	102	-.142	.057	.002	-.489	105	102	-.130	.051	.017	-.428	120	102	-.072	.039	.075	-.478
90	103	-.134	.066	.028	-.482	105	103	-.158	.087	.040	-.714	120	103	-.073	.062	.092	-.802
90	104	-.108	.027	-.029	-.209	105	104	-.115	.032	-.005	-.264	120	104	-.079	.024	.009	-.179
90	105	-.096	.034	.007	-.257	105	105	-.115	.038	.022	-.250	120	105	-.064	.028	.037	-.226
90	106	-.123	.047	.005	-.318	105	106	-.149	.060	.069	-.455	120	106	-.078	.039	.045	-.294
90	107	-.084	.023	-.010	-.171	105	107	-.095	.027	-.003	-.212	120	107	-.069	.022	.014	-.139
90	108	-.096	.032	-.005	-.224	105	108	-.110	.034	.016	-.233	120	108	-.071	.025	.035	-.176
90	109	-.114	.050	.017	-.344	105	109	-.133	.053	.012	-.395	120	109	-.067	.034	.038	-.240
90	201	-.074	.037	.043	-.316	105	201	-.072	.036	.057	-.267	120	201	-.048	.044	.127	-.316
90	202	-.032	.030	.057	-.273	105	202	-.007	.030	.126	-.164	120	202	-.029	.041	.118	-.257
90	203	-.051	.033	.071	-.255	105	203	-.024	.024	.062	-.136	120	203	-.057	.039	.085	-.290
90	204	-.047	.033	.057	-.185	105	204	-.022	.026	.067	-.147	120	204	-.055	.029	.096	-.188
90	205	-.064	.031	.043	-.223	105	205	-.075	.035	.067	-.207	120	205	-.050	.035	.160	-.191
90	206	-.031	.026	.062	-.171	105	206	-.014	.025	.093	-.143	120	206	-.033	.035	.117	-.158
90	207	-.050	.032	.055	-.164	105	207	-.024	.022	.059	-.129	120	207	-.065	.031	.045	-.200
90	208	-.048	.033	.050	-.195	105	208	-.024	.023	.057	-.166	120	208	-.055	.025	.028	-.165
90	209	-.062	.029	.059	-.176	105	209	-.073	.029	.026	-.209	120	209	-.063	.032	.075	-.330
90	210	-.039	.028	.050	-.150	105	210	-.026	.025	.059	-.150	120	210	-.050	.043	.104	-.226
90	211	-.048	.028	.035	-.145	105	211	-.028	.020	.036	-.124	120	211	-.066	.027	.049	-.219
90	212	-.052	.032	.048	-.226	105	212	-.026	.024	.045	-.129	120	212	-.056	.029	.056	-.181
90	301	-.041	.039	.105	-.235	105	301	-.006	.028	.102	-.159	120	301	-.020	.033	.136	-.151
90	302	-.033	.040	.133	-.307	105	302	-.006	.028	.119	-.147	120	302	-.017	.035	.167	-.136
90	303	-.034	.059	.164	-.457	105	303	-.003	.036	.122	-.193	120	303	-.030	.037	.139	-.137
90	304	-.039	.027	.057	-.142	105	304	-.014	.020	.062	-.119	120	304	-.024	.025	.118	-.103
90	305	-.031	.033	.104	-.174	105	305	-.007	.027	.098	-.176	120	305	.004	.038	.203	-.089
90	306	-.007	.043	.150	-.185	105	306	.035	.039	.205	-.129	120	306	.054	.042	.337	-.087
90	307	-.039	.025	.064	-.126	105	307	-.032	.019	.045	-.128	120	307	-.048	.020	.023	-.110
90	308	-.028	.026	.083	-.128	105	308	-.028	.018	.059	-.097	120	308	-.028	.026	.141	-.094
90	309	-.003	.041	.171	-.129	105	309	.023	.030	.145	-.093	120	309	.042	.036	.200	-.113
90	401	-.064	.031	.041	-.223	105	401	-.065	.031	.034	-.197	120	401	-.036	.033	.101	-.150
90	402	-.036	.028	.076	-.192	105	402	-.015	.027	.086	-.109	120	402	-.029	.034	.190	-.156
90	403	-.037	.032	.119	-.155	105	403	-.015	.023	.062	-.121	120	403	-.051	.031	.063	-.195
90	404	-.045	.046	.126	-.331	105	404	-.045	.039	.081	-.329	120	404	-.086	.043	.052	-.353
90	405	-.076	.032	.050	-.266	105	405	-.074	.031	.062	-.174	120	405	-.047	.025	.045	-.143
90	406	-.049	.031	.112	-.219	105	406	-.020	.027	.083	-.134	120	406	-.037	.022	.052	-.155
90	407	-.034	.035	.123	-.218	105	407	-.016	.025	.079	-.112	120	407	-.056	.029	.040	-.212
90	408	-.040	.053	.174	-.299	105	408	-.076	.051	.067	-.416	120	408	-.127	.049	.017	-.402
90	409	-.084	.028	.059	-.190	105	409	-.069	.032	.057	-.176	120	409	-.047	.022	.054	-.181
90	410	-.070	.031	.100	-.186	105	410	-.025	.034	.114	-.183	120	410	-.034	.018	.037	-.111
90	411	-.041	.040	.155	-.293	105	411	-.014	.032	.112	-.143	120	411	-.066	.041	.030	-.278
90	412	-.044	.065	.169	-.380	105	412	-.111	.073	.084	-.521	120	412	-.230	.071	-.047	-.628

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	101	-.076	.020	-.003	-.152	150	101	-.083	.025	.002	-.190	165	101	-.073	.030	.024	-.248
135	102	-.073	.026	.012	-.266	150	102	-.058	.025	.021	-.165	165	102	-.041	.022	.036	-.162
135	103	-.073	.041	.031	-.508	150	103	-.043	.029	.048	-.239	165	103	-.020	.022	.053	-.099
135	104	-.089	.019	-.027	-.160	150	104	-.096	.023	-.009	-.197	165	104	-.078	.019	-.017	-.154
135	105	-.067	.022	.007	-.237	150	105	-.051	.022	.041	-.124	165	105	-.031	.020	.039	-.092
135	106	-.079	.031	.029	-.250	150	106	-.047	.024	.043	-.148	165	106	-.024	.022	.058	-.109
135	107	-.079	.020	.007	-.143	150	107	-.092	.025	-.021	-.189	165	107	-.075	.023	.010	-.174
135	108	-.076	.021	-.003	-.182	150	108	-.068	.024	.010	-.156	165	108	-.040	.023	.044	-.142
135	109	-.071	.025	.007	-.189	150	109	-.048	.026	.029	-.146	165	109	-.017	.022	.070	-.101
135	201	-.068	.054	.135	-.397	150	201	-.044	.034	.106	-.233	165	201	-.025	.027	.060	-.210
135	202	-.074	.048	.073	-.428	150	202	-.056	.043	.082	-.393	165	202	-.030	.038	.106	-.250
135	203	-.128	.047	.026	-.557	150	203	-.146	.072	.091	-.590	165	203	-.107	.074	.135	-.523
135	204	-.121	.034	-.024	-.296	150	204	-.133	.043	-.017	-.359	165	204	-.150	.063	-.014	-.453
135	205	-.062	.036	.153	-.220	150	205	-.036	.029	.096	-.278	165	205	-.014	.025	.082	-.108
135	206	-.067	.033	.056	-.228	150	206	-.049	.034	.077	-.180	165	206	-.019	.034	.120	-.178
135	207	-.126	.029	-.027	-.291	150	207	-.131	.035	.058	-.295	165	207	-.091	.051	.084	-.309
135	208	-.108	.025	-.005	-.218	150	208	-.116	.037	-.009	-.357	165	208	-.125	.062	.034	-.617
135	209	-.075	.030	.044	-.192	150	209	-.043	.029	.057	-.196	165	209	-.011	.024	.073	-.091
135	210	-.101	.041	.034	-.288	150	210	-.061	.039	.081	-.252	165	210	-.020	.036	.109	-.202
135	211	-.115	.025	-.041	-.237	150	211	-.108	.035	.022	-.254	165	211	-.066	.045	.118	-.289
135	212	-.129	.039	-.024	-.336	150	212	-.148	.059	.065	-.438	165	212	-.180	.108	.062	-.873
135	301	-.029	.049	.199	-.254	150	301	.002	.075	.400	-.257	165	301	.063	.100	.414	-.227
135	302	-.005	.052	.269	-.191	150	302	.026	.077	.453	-.261	165	302	.080	.100	.449	-.255
135	303	-.022	.054	.247	-.196	150	303	.011	.075	.359	-.269	165	303	.050	.102	.475	-.251
135	304	-.021	.043	.187	-.145	150	304	.007	.064	.343	-.216	165	304	.063	.086	.461	-.173
135	305	.043	.081	.317	-.092	150	305	.079	.078	.462	-.130	165	305	.121	.096	.561	-.106
135	306	.099	.056	.380	-.036	150	306	.140	.077	.474	-.084	165	306	.140	.086	.603	-.065
135	307	-.049	.030	.085	-.169	150	307	-.021	.042	.218	-.149	165	307	.023	.052	.265	-.120
135	308	.002	.046	.271	-.128	150	308	.039	.053	.261	-.093	165	308	.090	.069	.501	-.075
135	309	.083	.050	.428	-.072	150	309	.126	.060	.431	-.046	165	309	.140	.079	.605	-.032
135	401	-.051	.032	.048	-.182	150	401	-.040	.031	.079	-.225	165	401	-.027	.028	.109	-.203
135	402	-.075	.037	.066	-.320	150	402	-.063	.043	.108	-.465	165	402	-.047	.042	.096	-.273
135	403	-.117	.043	.017	-.441	150	403	-.123	.062	.046	-.772	165	403	-.094	.058	.135	-.472
135	404	-.192	.090	.014	-.724	150	404	-.257	.116	.003	-.807	165	404	-.265	.116	-.014	-.907
135	405	-.056	.023	.036	-.157	150	405	-.044	.023	.048	-.185	165	405	-.033	.022	.062	-.120
135	406	-.076	.031	.049	-.213	150	406	-.069	.037	.058	-.280	165	406	-.049	.033	.075	-.202
135	407	-.117	.040	.022	-.315	150	407	-.109	.049	.038	-.355	165	407	-.092	.051	.138	-.330
135	408	-.206	.080	-.024	-.702	150	408	-.258	.104	-.027	-.784	165	408	-.272	.109	-.003	-.897
135	409	-.059	.018	.005	-.129	150	409	-.065	.022	.034	-.166	165	409	-.056	.021	.039	-.150
135	410	-.077	.027	.002	-.213	150	410	-.080	.033	.098	-.287	165	410	-.062	.029	.050	-.210
135	411	-.137	.044	-.005	-.353	150	411	-.134	.048	-.002	-.357	165	411	-.108	.047	.032	-.330
135	412	-.322	.100	-.065	-.850	150	412	-.341	.105	-.098	-.877	165	412	-.301	.109	-.039	-.856

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	101	-.190	.058	-.078	-.558	195	101	-.171	.026	-.106	-.293	210	101	-.172	.029	-.075	-.385
180	102	-.115	.023	-.030	-.227	195	102	-.146	.023	-.069	-.266	210	102	-.149	.025	-.067	-.281
180	103	-.097	.023	-.007	-.220	195	103	-.128	.024	-.058	-.232	210	103	-.129	.025	-.055	-.237
180	104	-.166	.023	-.097	-.255	195	104	-.181	.022	-.115	-.264	210	104	-.179	.022	-.095	-.265
180	105	-.113	.021	-.037	-.182	195	105	-.153	.021	-.090	-.256	210	105	-.148	.021	-.056	-.236
180	106	-.098	.024	-.012	-.209	195	106	-.137	.023	-.062	-.224	210	106	-.134	.023	-.056	-.236
180	107	-.149	.023	-.063	-.240	195	107	-.180	.024	-.098	-.279	210	107	-.172	.023	-.090	-.269
180	108	-.124	.025	-.025	-.272	195	108	-.164	.023	-.096	-.266	210	108	-.156	.023	-.069	-.250
180	109	-.105	.026	-.025	-.222	195	109	-.147	.026	-.066	-.255	210	109	-.147	.022	-.048	-.253
180	201	-.086	.026	.005	-.172	195	201	-.103	.029	.018	-.218	210	201	-.091	.028	.059	-.189
180	202	-.064	.033	.050	-.219	195	202	-.087	.037	.077	-.231	210	202	-.059	.042	.114	-.201
180	203	-.082	.058	.095	-.618	195	203	-.082	.041	.085	-.359	210	203	-.071	.045	.103	-.269
180	204	-.268	.098	-.057	-.840	195	204	-.273	.153	.133	-.895	210	204	-.076	.144	.308	-.825
180	205	-.079	.028	.028	-.195	195	205	-.103	.029	.008	-.253	210	205	-.095	.026	.014	-.207
180	206	-.032	.034	.135	-.179	195	206	-.022	.045	.213	-.159	210	206	.035	.048	.258	-.114
180	207	-.067	.062	.129	-.407	195	207	-.012	.053	.211	-.239	210	207	.074	.061	.350	-.120
180	208	-.201	.092	.127	-.736	195	208	-.170	.146	.275	-1.014	210	208	.037	.160	.594	-.656
180	209	-.081	.025	0.000	-.189	195	209	-.117	.028	-.026	-.215	210	209	-.107	.025	-.019	-.197
180	210	-.059	.039	.100	-.260	195	210	-.075	.053	.147	-.253	210	210	.007	.055	.186	-.184
180	211	-.051	.054	.083	-.306	195	211	-.007	.047	.154	-.179	210	211	.061	.049	.282	-.128
180	212	-.237	.157	.067	-1.226	195	212	-.163	.145	.176	-1.055	210	212	.020	.129	.446	-.586
180	301	.067	.115	.579	-.272	195	301	.093	.127	.685	-.274	210	301	.036	.118	.484	-.260
180	302	.068	.117	.621	-.287	195	302	.048	.111	.509	-.235	210	302	.002	.101	.428	-.335
180	303	.065	.118	.526	-.297	195	303	.011	.100	.528	-.331	210	303	.003	.103	.480	-.286
180	304	.086	.094	.594	-.167	195	304	.124	.117	.649	-.143	210	304	.109	.093	.581	-.194
180	305	.151	.100	.579	-.082	195	305	.152	.110	.874	-.080	210	305	.108	.089	.651	-.127
180	306	.173	.110	.618	-.117	195	306	.129	.082	.522	-.074	210	306	.106	.079	.473	-.053
180	307	.031	.054	.374	-.144	195	307	.060	.066	.532	-.112	210	307	.070	.055	.348	-.082
180	308	.117	.077	.501	-.100	195	308	.129	.087	.472	-.102	210	308	.092	.062	.391	-.091
180	309	.165	.090	.604	-.018	195	309	.130	.070	.431	-.030	210	309	.110	.061	.407	-.022
180	401	-.106	.028	-.022	-.297	195	401	-.152	.030	-.062	-.312	210	401	-.159	.045	-.043	-.517
180	402	-.133	.054	.037	-.376	195	402	-.245	.058	-.074	-.524	210	402	-.285	.064	-.106	-.589
180	403	-.145	.070	.043	-.491	195	403	-.261	.092	-.038	-.578	210	403	-.397	.106	-.101	-1.088
180	404	-.482	.166	-.097	-1.231	195	404	-.545	.212	-.093	-1.505	210	404	-.311	.132	-.018	-1.120
180	405	-.104	.026	-.023	-.245	195	405	-.157	.032	-.058	-.307	210	405	-.163	.035	-.059	-.398
180	406	-.101	.035	.023	-.307	195	406	-.168	.061	-.032	-.501	210	406	-.296	.092	-.050	-.711
180	407	-.125	.046	0.000	-.366	195	407	-.130	.035	-.016	-.527	210	407	-.148	.063	.002	-.635
180	408	-.437	.121	-.083	-1.020	195	408	-.466	.118	-.165	-.966	210	408	-.488	.130	-.186	-1.105
180	409	-.138	.026	-.022	-.249	195	409	-.143	.020	-.074	-.229	210	409	-.134	.024	-.003	-.261
180	410	-.112	.032	.067	-.269	195	410	-.115	.025	-.021	-.219	210	410	-.096	.023	-.013	-.244
180	411	-.160	.141	.429	-.528	195	411	-.173	.043	-.051	-.423	210	411	-.135	.041	-.018	-.330
180	412	-.355	.100	-.097	-.875	195	412	-.359	.092	-.141	-.761	210	412	-.313	.073	-.141	-.740

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	101	-.133	.026	-.051	-.409	240	101	-.092	.045	.083	-.325	255	101	-.085	.063	.112	-.569
225	102	-.132	.032	-.039	-.317	240	102	-.091	.041	.045	-.317	255	102	-.100	.064	.109	-.480
225	103	-.122	.027	-.043	-.241	240	103	-.070	.030	.053	-.215	255	103	-.078	.056	.087	-.471
225	104	-.127	.020	-.051	-.196	240	104	-.072	.025	.050	-.168	255	104	-.062	.035	.066	-.224
225	105	-.119	.019	-.058	-.191	240	105	-.073	.022	.023	-.172	255	105	-.078	.036	.046	-.265
225	106	-.112	.021	-.034	-.212	240	106	-.059	.022	.029	-.154	255	106	-.058	.038	.068	-.287
225	107	-.117	.018	-.055	-.172	240	107	-.061	.023	.040	-.141	255	107	-.042	.029	.081	-.144
225	108	-.112	.020	-.037	-.187	240	108	-.068	.020	.028	-.150	255	108	-.067	.038	.062	-.299
225	109	-.113	.021	-.043	-.187	240	109	-.061	.022	.019	-.144	255	109	-.060	.040	.068	-.294
225	201	-.061	.038	.121	-.182	240	201	-.034	.045	.220	-.215	255	201	-.011	.079	.349	-.292
225	202	-.002	.056	.228	-.158	240	202	.022	.074	.356	-.256	255	202	.010	.106	.494	-.366
225	203	-.032	.062	.208	-.225	240	203	.046	.082	.396	-.249	255	203	-.052	.081	.389	-.275
225	204	-.066	.099	.420	-.507	240	204	.139	.099	.534	-.222	255	204	-.044	.118	.595	-.335
225	205	-.069	.030	.153	-.208	240	205	-.032	.029	.112	-.139	255	205	.010	.061	.299	-.156
225	206	.075	.059	.405	-.098	240	206	.097	.075	.463	-.123	255	206	.074	.115	.588	-.182
225	207	.139	.077	.537	-.068	240	207	.214	.094	.769	-.107	255	207	.013	.088	.524	-.188
225	208	.230	.105	.647	-.199	240	208	.287	.111	.781	-.180	255	208	-.002	.133	.597	-.313
225	209	-.075	.026	.035	-.190	240	209	-.031	.028	.097	-.142	255	209	-.003	.050	.201	-.161
225	210	.061	.042	.230	-.087	240	210	.085	.052	.312	-.071	255	210	.044	.087	.513	-.191
225	211	.121	.056	.415	-.031	240	211	.180	.080	.560	-.040	255	211	.015	.065	.340	-.125
225	212	.155	.076	.569	-.145	240	212	.143	.073	.481	-.089	255	212	-.056	.116	.445	-.341
225	301	-.004	.123	.373	-.645	240	301	-.261	.210	.183	-.989	255	301	-.209	.094	.079	-.768
225	302	-.032	.061	.222	-.196	240	302	-.102	.042	.066	-.484	255	302	-.163	.071	.011	-.583
225	303	-.015	.059	.283	-.182	240	303	-.059	.032	.092	-.154	255	303	-.112	.056	.027	-.485
225	304	.088	.160	.539	-.507	240	304	-.159	.194	.408	-.743	255	304	-.166	.120	.256	-.758
225	305	.098	.072	.481	-.222	240	305	.011	.070	.241	-.361	255	305	-.118	.085	.118	-.415
225	306	.073	.052	.315	-.056	240	306	.029	.037	.197	-.099	255	306	-.076	.062	.112	-.313
225	307	.066	.105	.399	-.645	240	307	-.105	.171	.337	-.989	255	307	-.163	.128	.212	-.949
225	308	.075	.064	.516	-.069	240	308	-.002	.055	.259	-.176	255	308	-.124	.065	.111	-.382
225	309	.084	.055	.354	-.031	240	309	.040	.044	.257	-.092	255	309	-.087	.064	.131	-.254
225	401	-.204	.081	-.016	-.690	240	401	-.233	.125	.061	-.770	255	401	-.196	.124	.153	-.850
225	402	-.262	.064	-.080	-.573	240	402	-.298	.107	-.013	-.856	255	402	-.278	.129	.087	-.859
225	403	-.476	.087	-.240	-.894	240	403	-.406	.080	.168	-.938	255	403	-.255	.094	.051	-.712
225	404	-.352	.093	-.113	-1.075	240	404	-.673	.225	-.154	-1.529	255	404	-.309	.139	-.024	-1.038
225	405	-.160	.051	.006	-.378	240	405	-.132	.073	.167	-.613	255	405	-.119	.085	.118	-.504
225	406	-.285	.066	-.106	-.603	240	406	-.262	.098	.100	-.675	255	406	-.203	.101	.063	-.768
225	407	-.307	.153	-.032	-.809	240	407	-.401	.092	-.095	-.822	255	407	-.218	.086	.046	-.681
225	408	-.659	.177	-.134	-1.443	240	408	-.512	.200	-.086	-1.225	255	408	-.242	.133	.016	-.866
225	409	-.136	.030	.002	-.267	240	409	-.098	.056	.113	-.411	255	409	-.083	.068	.134	-.537
225	410	-.089	.042	.035	-.384	240	410	-.126	.059	.116	-.393	255	410	-.099	.050	.106	-.344
225	411	-.093	.019	-.034	-.199	240	411	-.083	.031	.060	-.267	255	411	-.120	.046	.052	-.330
225	412	-.303	.062	-.138	-.610	240	412	-.250	.054	-.092	-.476	255	412	-.143	.059	.016	-.403

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	101	-.062	.042	.094	-.265	285	101	-.014	.063	.311	-.198	300	101	-.050	.059	.226	-.224
270	102	-.092	.043	.079	-.557	285	102	-.002	.073	.308	-.215	300	102	.029	.080	.395	-.251
270	103	-.076	.034	.032	-.222	285	103	.001	.086	.405	-.229	300	103	.134	.111	.524	-.335
270	104	-.056	.038	.102	-.251	285	104	.090	.064	.366	-.086	300	104	.067	.060	.303	-.092
270	105	-.088	.028	0.000	-.208	285	105	.115	.084	.517	-.083	300	105	.194	.093	.560	-.082
270	106	-.063	.025	.038	-.148	285	106	.094	.097	.501	-.170	300	106	.271	.137	.769	-.161
270	107	-.040	.045	.146	-.228	285	107	.083	.051	.284	-.055	300	107	.066	.051	.307	-.067
270	108	-.073	.026	.010	-.179	285	108	.087	.069	.396	-.091	300	108	.169	.086	.546	-.062
270	109	-.066	.025	.024	-.160	285	109	.041	.073	.385	-.135	300	109	.186	.119	.764	-.079
270	201	-.090	.038	.052	-.263	285	201	-.255	.145	.083	-.796	300	201	-.181	.225	.361	-1.119
270	202	-.056	.073	.305	-.278	285	202	-.110	.051	.075	-.503	300	202	-.128	.057	.089	-.482
270	203	.078	.122	.562	-.271	285	203	-.103	.043	.121	-.324	300	203	-.141	.054	.128	-.450
270	204	.084	.122	.516	-.333	285	204	-.046	.095	.413	-.405	300	204	-.164	.056	.188	-.395
270	205	-.052	.025	.046	-.154	285	205	-.180	.130	.108	-.919	300	205	-.199	.213	.496	-.960
270	206	.026	.082	.451	-.189	285	206	-.080	.050	.121	-.319	300	206	-.102	.041	.101	-.229
270	207	.238	.134	.909	-.094	285	207	-.068	.057	.346	-.258	300	207	-.120	.047	.143	-.286
270	208	.061	.107	.489	-.263	285	208	.023	.107	.501	-.289	300	208	-.177	.053	.028	-.391
270	209	-.056	.032	.067	-.182	285	209	-.152	.133	.127	-.947	300	209	-.157	.168	.420	-.963
270	210	.019	.092	.363	-.354	285	210	-.082	.051	.094	-.262	300	210	-.082	.039	.065	-.257
270	211	.215	.106	.665	-.043	285	211	-.047	.050	.308	-.174	300	211	-.096	.048	.110	-.317
270	212	-.041	.080	.294	-.311	285	212	-.018	.085	.520	-.319	300	212	-.165	.051	.034	-.341
270	301	-.402	.123	-.067	-1.049	285	301	-.181	.091	.025	-.908	300	301	-.232	.066	-.054	-.847
270	302	-.336	.126	0.000	-.935	285	302	-.147	.074	.046	-.594	300	302	-.226	.061	-.036	-.599
270	303	-.170	.085	.094	-.609	285	303	-.125	.056	.036	-.490	300	303	-.175	.044	-.619	-.378
270	304	-.350	.097	-.081	-1.328	285	304	-.250	.117	.064	-1.181	300	304	-.232	.054	-.072	-.426
270	305	-.345	.107	.014	-.836	285	305	-.133	.053	.022	-.600	300	305	-.228	.063	-.022	-.462
270	306	-.146	.059	.063	-.432	285	306	-.097	.039	.033	-.386	300	306	-.190	.056	-.019	-.372
270	307	-.405	.145	-.044	-1.126	285	307	-.190	.116	.083	-1.296	300	307	-.270	.082	-.654	-.568
270	308	-.256	.094	-.011	-.730	285	308	-.121	.045	.025	-.330	300	308	-.203	.062	-.042	-.473
270	309	-.132	.049	.051	-.330	285	309	-.083	.037	.061	-.256	300	309	-.128	.042	.061	-.307
270	401	-.140	.097	.092	-.830	285	401	-.303	.163	.325	-1.057	300	401	-.350	.188	.114	-1.458
270	402	-.264	.157	.219	-1.430	285	402	-.146	.066	.182	-.564	300	402	-.227	.107	.143	-.716
270	403	-.388	.138	.030	-1.258	285	403	-.149	.059	.053	-.561	300	403	-.177	.073	.106	-.622
270	404	-.465	.149	-.129	-1.160	285	404	-.155	.090	.110	-.881	300	404	-.174	.057	.034	-.383
270	405	-.107	.063	.155	-.543	285	405	-.283	.124	.138	-.880	300	405	-.654	.201	-.020	-1.413
270	406	-.166	.132	.225	-.743	285	406	-.116	.053	.270	-.375	300	406	-.126	.057	.101	-.366
270	407	-.285	.149	.144	-.827	285	407	-.135	.051	.046	-.647	300	407	-.130	.057	.106	-.347
270	408	-.292	.108	.002	-.687	285	408	-.130	.074	.112	-.617	300	408	-.175	.054	.034	-.372
270	409	-.056	.043	.159	-.290	285	409	-.227	.095	.170	-.647	300	409	-.350	.083	-.036	-.809
270	410	-.049	.056	.184	-.316	285	410	-.184	.061	.193	-.369	300	410	-.095	.043	.087	-.300
270	411	-.064	.062	.173	-.338	285	411	-.099	.043	.107	-.254	300	411	-.090	.047	.146	-.251
270	412	-.107	.053	.084	-.368	285	412	-.100	.046	.104	-.630	300	412	-.149	.048	.082	-.377

CLEVELAND POST OFFICE
STATE OFFICE BUILDING NOT IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	101	-.108	.075	.250	-.344	330	101	-.037	.091	.339	-.396	345	101	.008	.096	.448	-.272
315	102	-.103	.096	.338	-.385	330	102	-.033	.110	.447	-.347	345	102	.043	.112	.509	-.255
315	103	-.052	.113	.456	-.413	330	103	-.013	.126	.486	-.369	345	103	.065	.128	.637	-.329
315	104	.023	.082	.368	-.185	330	104	.102	.104	.629	-.184	345	104	.210	.134	.684	-.147
315	105	.067	.082	.400	-.240	330	105	.141	.120	.545	-.188	345	105	.205	.133	.800	-.074
315	106	.081	.087	.552	-.234	330	106	.109	.117	.571	-.210	345	106	.144	.129	.706	-.158
315	107	.013	.062	.303	-.150	330	107	.066	.077	.369	-.111	345	107	.144	.092	.545	-.058
315	108	.054	.073	.346	-.174	330	108	.092	.094	.457	-.196	345	108	.142	.102	.584	-.066
315	109	.061	.091	.548	-.219	330	109	.051	.101	.433	-.239	345	109	.074	.112	.636	-.155
315	201	-.309	.167	.295	-1.325	330	201	-.445	.151	-.031	-1.063	345	201	-.476	.167	.002	-1.466
315	202	-.132	.046	.135	-.335	330	202	-.151	.039	.015	-.486	345	202	-.145	.053	.013	-.514
315	203	-.124	.049	.211	-.326	330	203	-.141	.037	.019	-.322	345	203	-.125	.038	.023	-.318
315	204	-.204	.043	-.020	-.414	330	204	-.166	.029	-.017	-.290	345	204	-.130	.026	.005	-.221
315	205	-.178	.168	.396	-.718	330	205	-.311	.115	.194	-.778	345	205	-.330	.131	.163	-1.092
315	206	-.072	.050	.174	-.293	330	206	-.107	.046	.079	-.326	345	206	-.123	.056	.089	-.384
315	207	-.095	.040	.109	-.219	330	207	-.109	.035	.063	-.222	345	207	-.110	.035	.070	-.257
315	208	-.216	.038	-.017	-.397	330	208	-.181	.027	-.023	-.264	345	208	-.137	.023	-.017	-.222
315	209	-.188	.192	.394	-.923	330	209	-.340	.164	.176	-1.032	345	209	-.405	.199	.077	-1.433
315	210	-.074	.046	.121	-.239	330	210	-.109	.041	.057	-.265	345	210	-.127	.051	.058	-.349
315	211	-.087	.039	.154	-.199	330	211	-.110	.034	.045	-.211	345	211	-.109	.034	.027	-.244
315	212	-.221	.035	-.087	-.374	330	212	-.186	.026	-.113	-.318	345	212	-.139	.021	-.063	-.230
315	301	-.265	.044	-.118	-.451	330	301	-.200	.033	-.110	-.350	345	301	-.136	.023	-.063	-.249
315	302	-.261	.044	-.127	-.465	330	302	-.199	.032	-.108	-.344	345	302	-.138	.022	-.074	-.236
315	303	-.216	.036	-.105	-.365	330	303	-.184	.028	-.100	-.329	345	303	-.139	.025	-.053	-.235
315	304	-.280	.048	-.110	-.473	330	304	-.207	.031	-.130	-.379	345	304	-.147	.023	-.074	-.233
315	305	-.286	.052	-.116	-.515	330	305	-.206	.032	-.134	-.363	345	305	-.148	.023	-.074	-.224
315	306	-.245	.045	-.129	-.465	330	306	-.188	.028	-.119	-.313	345	306	-.140	.024	-.056	-.222
315	307	-.338	.073	-.129	-.610	330	307	-.234	.041	-.147	-.426	345	307	-.158	.030	-.060	-.304
315	308	-.277	.050	-.107	-.469	330	308	-.206	.033	-.116	-.373	345	308	-.158	.026	-.069	-.276
315	309	-.179	.040	-.036	-.335	330	309	-.177	.028	-.093	-.295	345	309	-.144	.027	-.063	-.257
315	401	-.498	.178	-.043	-1.233	330	401	-.627	.194	-.071	-1.354	345	401	-.616	.213	-.160	-1.445
315	402	-.293	.082	-.033	-.590	330	402	-.281	.075	-.089	-.632	345	402	-.233	.089	-.017	-.631
315	403	-.235	.068	.121	-.647	330	403	-.237	.052	-.089	-.480	345	403	-.183	.056	.023	-.470
315	404	-.234	.064	.082	-.532	330	404	-.203	.041	-.066	-.387	345	404	-.147	.032	-.038	-.304
315	405	-.550	.163	-.178	-1.455	330	405	-.570	.131	-.238	-1.118	345	405	-.527	.148	-.172	-1.107
315	406	-.191	.049	-.029	-.475	330	406	-.193	.035	-.083	-.430	345	406	-.173	.055	.016	-.471
315	407	-.193	.053	-.019	-.419	330	407	-.190	.042	-.076	-.366	345	407	-.148	.042	-.014	-.412
315	408	-.224	.044	-.017	-.391	330	408	-.201	.034	-.105	-.352	345	408	-.150	.028	-.052	-.266
315	409	-.362	.079	-.095	-.790	330	409	-.425	.097	-.170	-.963	345	409	-.407	.116	-.052	-1.023
315	410	-.196	.049	-.023	-.563	330	410	-.232	.061	-.073	-.525	345	410	-.209	.088	.056	-.619
315	411	-.146	.029	-.039	-.251	330	411	-.149	.027	-.052	-.282	345	411	-.117	.040	.074	-.319
315	412	-.194	.033	-.023	-.313	330	412	-.183	.026	-.097	-.268	345	412	-.141	.026	-.022	-.243

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	.024	.076	.468	-.272	15	101	-.104	.083	.363	-.469	30	101	-.203	.082	.164	-.481
0	102	.055	.086	.430	-.226	15	102	-.011	.105	.466	-.371	30	102	-.095	.120	.636	-.435
0	103	.097	.111	.505	-.205	15	103	.037	.124	.561	-.610	30	103	-.030	.149	.650	-.668
0	104	.137	.082	.435	-.179	15	104	-.059	.064	.369	-.219	30	104	-.153	.076	.220	-.420
0	105	.205	.113	.706	-.075	15	105	.028	.083	.595	-.222	30	105	-.052	.101	.357	-.443
0	106	.206	.134	.803	-.158	15	106	.051	.110	.510	-.482	30	106	-.034	.156	.523	-.781
0	107	.116	.062	.373	-.060	15	107	-.032	.054	.314	-.150	30	107	-.131	.054	.132	-.266
0	108	.159	.089	.590	-.044	15	108	.022	.081	.529	-.253	30	108	-.073	.092	.344	-.412
0	109	.120	.089	.598	-.139	15	109	.021	.097	.443	-.433	30	109	-.085	.140	.378	-.639
0	201	-.238	.163	.298	-.849	15	201	-.029	.107	.247	-.773	30	201	-.098	.119	.201	-.686
0	202	-.055	.042	.098	-.269	15	202	-.044	.054	.178	-.325	30	202	-.127	.056	.111	-.335
0	203	-.117	.037	.070	-.264	15	203	-.099	.052	.118	-.319	30	203	-.155	.049	.055	-.385
0	204	-.162	.027	-.010	-.261	15	204	-.146	.037	.016	-.320	30	204	-.149	.040	.008	-.283
0	205	-.163	.149	.549	-.709	15	205	.038	.115	.407	-.502	30	205	-.008	.128	.385	-.575
0	206	-.014	.046	.236	-.207	15	206	.016	.058	.328	-.154	30	206	-.030	.060	.208	-.237
0	207	-.093	.040	.481	-.238	15	207	-.068	.055	.157	-.247	30	207	-.098	.052	.117	-.275
0	208	-.167	.026	-.070	-.266	15	208	-.151	.032	-.036	-.279	30	208	-.136	.032	.013	-.275
0	209	-.090	.145	.396	-.825	15	209	.045	.095	.427	-.472	30	209	-0.000	.103	.451	-.626
0	210	-.002	.042	.241	-.132	15	210	.016	.048	.266	-.147	30	210	-.008	.056	.264	-.200
0	211	-.067	.045	.228	-.202	15	211	-.057	.050	.175	-.230	30	211	-.060	.053	.216	-.222
0	212	-.168	.025	-.070	-.262	15	212	-.152	.031	-.052	-.253	30	212	-.135	.031	-.035	-.272
0	301	-.175	.026	-.083	-.285	15	301	-.163	.035	-.047	-.342	30	301	-.151	.040	-.032	-.301
0	302	-.176	.025	-.093	-.270	15	302	-.165	.033	-.047	-.319	30	302	-.154	.039	-.034	-.319
0	303	-.182	.024	-.114	-.269	15	303	-.172	.029	-.069	-.310	30	303	-.149	.034	-.029	-.336
0	304	-.179	.025	-.083	-.272	15	304	-.163	.033	-.054	-.278	30	304	-.142	.032	-.040	-.256
0	305	-.186	.025	-.103	-.288	15	305	-.170	.032	-.065	-.284	30	305	-.148	.032	-.060	-.270
0	306	-.177	.023	-.096	-.266	15	306	-.166	.026	-.087	-.263	30	306	-.141	.026	-.072	-.256
0	307	-.186	.026	-.099	-.285	15	307	-.171	.033	-.069	-.299	30	307	-.145	.033	-.052	-.266
0	308	-.186	.025	-.091	-.270	15	308	-.172	.032	-.069	-.279	30	308	-.147	.032	-.037	-.286
0	309	-.179	.022	-.098	-.251	15	309	-.169	.027	-.080	-.260	30	309	-.144	.025	-.056	-.262
0	401	-.351	.208	.169	-1.196	15	401	-.120	.133	.273	-.791	30	401	-.250	.141	.208	-1.175
0	402	-.166	.096	.093	-.608	15	402	-.167	.135	.232	-.789	30	402	-.299	.116	.089	-.752
0	403	-.172	.060	.047	-.541	15	403	-.160	.086	.111	-.659	30	403	-.240	.083	.079	-.745
0	404	-.174	.031	-.065	-.386	15	404	-.158	.048	.026	-.495	30	404	-.185	.075	.045	-.628
0	405	-.336	.144	.192	-.945	15	405	-.220	.181	.206	-1.147	30	405	-.434	.210	.150	-1.352
0	406	-.087	.050	.165	-.396	15	406	-.106	.081	.136	-.547	30	406	-.214	.081	.063	-.647
0	407	-.130	.053	.051	-.363	15	407	-.131	.079	.082	-.556	30	407	-.213	.073	.114	-.676
0	408	-.180	.031	-.075	-.358	15	408	-.160	.041	.018	-.373	30	408	-.173	.052	-.005	-.486
0	409	-.239	.127	.272	-.901	15	409	-.248	.123	.173	-1.085	30	409	-.393	.098	-.053	-.904
0	410	-.080	.056	.204	-.354	15	410	-.134	.056	.116	-.327	30	410	-.216	.041	-.069	-.399
0	411	-.090	.035	.073	-.241	15	411	-.125	.047	.077	-.307	30	411	-.182	.039	-.035	-.332
0	412	-.175	.025	-.096	-.285	15	412	-.167	.031	.015	-.266	30	412	-.156	.035	-.024	-.315

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	101	-.165	.028	-.077	-.332	60	101	-.166	.026	-.079	-.299	75	101	-.125	.031	.032	-.347
45	102	-.150	.039	.003	-.380	60	102	-.175	.041	-.049	-.594	75	102	-.136	.040	.003	-.410
45	103	-.143	.051	.063	-.382	60	103	-.179	.052	.046	-.422	75	103	-.134	.052	0.000	-.485
45	104	-.146	.024	-.042	-.227	60	104	-.158	.023	-.077	-.266	75	104	-.123	.024	-.006	-.243
45	105	-.131	.041	.063	-.378	60	105	-.169	.040	-.033	-.351	75	105	-.120	.036	.006	-.296
45	106	-.144	.082	.111	-.564	60	106	-.199	.060	.006	-.447	75	106	-.143	.049	.002	-.310
45	107	-.126	.023	-.042	-.213	60	107	-.151	.023	-.076	-.222	75	107	-.114	.022	-.047	-.217
45	108	-.141	.039	.094	-.334	60	108	-.176	.036	-.046	-.322	75	108	-.126	.033	.019	-.263
45	109	-.161	.068	.131	-.459	60	109	-.185	.043	-.062	-.383	75	109	-.130	.035	.002	-.301
45	201	-.128	.043	.059	-.307	60	201	-.145	.036	-.008	-.292	75	201	-.102	.031	.008	-.222
45	202	-.074	.038	.073	-.252	60	202	-.117	.036	.046	-.260	75	202	-.081	.031	.033	-.202
45	203	-.090	.032	.087	-.222	60	203	-.110	.035	.014	-.283	75	203	-.081	.032	.013	-.222
45	204	-.138	.038	.019	-.264	60	204	-.115	.030	-.015	-.261	75	204	-.074	.031	.055	-.214
45	205	-.082	.054	.097	-.388	60	205	-.112	.040	.021	-.242	75	205	-.089	.032	.025	-.299
45	206	-.059	.035	.091	-.196	60	206	-.078	.031	.084	-.196	75	206	-.063	.024	.019	-.156
45	207	-.087	.030	.026	-.212	60	207	-.091	.027	.024	-.202	75	207	-.071	.025	.014	-.165
45	208	-.142	.037	-.006	-.326	60	208	-.114	.027	-.005	-.210	75	208	-.072	.026	.033	-.199
45	209	-.083	.047	.133	-.255	60	209	-.121	.033	.050	-.228	75	209	-.095	.024	.008	-.181
45	210	-.052	.033	.144	-.221	60	210	-.075	.027	.041	-.166	75	210	-.057	.022	.068	-.136
45	211	-.071	.033	.093	-.171	60	211	-.083	.024	.027	-.158	75	211	-.058	.022	.038	-.175
45	212	-.140	.039	.051	-.297	60	212	-.115	.027	.009	-.210	75	212	-.067	.027	.017	-.251
45	301	-.188	.089	.020	-.972	60	301	-.147	.054	-.027	-.486	75	301	-.085	.034	.044	-.235
45	302	-.191	.081	-.042	-1.071	60	302	-.148	.053	-.020	-.631	75	302	-.080	.032	.028	-.221
45	303	-.191	.057	-.046	-.709	60	303	-.154	.050	-.009	-.489	75	303	-.087	.033	.055	-.255
45	304	-.164	.055	.046	-.471	60	304	-.135	.036	-.005	-.292	75	304	-.070	.029	.050	-.225
45	305	-.172	.051	-.032	-.606	60	305	-.134	.031	-.012	-.264	75	305	-.076	.027	.043	-.176
45	306	-.177	.046	-.042	-.504	60	306	-.141	.034	-.044	-.365	75	306	-.075	.026	.058	-.158
45	307	-.157	.051	.144	-.470	60	307	-.133	.035	-.017	-.275	75	307	-.072	.029	.038	-.213
45	308	-.156	.048	.066	-.391	60	308	-.120	.027	-.015	-.216	75	308	-.064	.027	.038	-.150
45	309	-.173	.041	-.023	-.389	60	309	-.131	.026	-.040	-.255	75	309	-.073	.028	.112	-.164
45	401	-.145	.045	0.000	-.456	60	401	-.171	.049	-.021	-.466	75	401	-.112	.048	.077	-.348
45	402	-.098	.056	.043	-.499	60	402	-.166	.061	.030	-.442	75	402	-.100	.050	.052	-.326
45	403	-.095	.036	.022	-.369	60	403	-.138	.060	.009	-.565	75	403	-.086	.047	.043	-.339
45	404	-.137	.034	-.022	-.272	60	404	-.125	.041	.018	-.431	75	404	-.088	.042	.036	-.306
45	405	-.153	.038	-.019	-.358	60	405	-.174	.039	-.040	-.407	75	405	-.110	.037	.172	-.273
45	406	-.120	.044	.068	-.457	60	406	-.171	.048	-.033	-.424	75	406	-.100	.040	.131	-.301
45	407	-.104	.031	0.000	-.209	60	407	-.135	.044	.071	-.316	75	407	-.082	.035	.052	-.221
45	408	-.149	.036	.002	-.332	60	408	-.134	.036	.006	-.331	75	408	-.090	.043	.039	-.416
45	409	-.186	.052	-.005	-.470	60	409	-.170	.031	-.023	-.313	75	409	-.119	.033	.019	-.279
45	410	-.151	.043	.008	-.445	60	410	-.167	.038	-.020	-.381	75	410	-.106	.033	.055	-.219
45	411	-.138	.031	.045	-.267	60	411	-.139	.039	.002	-.302	75	411	-.094	.033	.046	-.232
45	412	-.168	.037	-.015	-.334	60	412	-.137	.035	-.021	-.299	75	412	-.095	.037	.054	-.303

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	101	-.086	.027	-.003	-.259	105	101	-.114	.038	.051	-.366	120	101	-.107	.024	-.034	-.239
90	102	-.090	.043	.015	-.348	105	102	-.137	.050	.007	-.508	120	102	-.087	.028	0.000	-.204
90	103	-.086	.055	.044	-.388	105	103	-.154	.088	.045	-.633	120	103	-.082	.032	.019	-.251
90	104	-.091	.026	-.006	-.267	105	104	-.123	.035	.026	-.313	120	104	-.113	.023	-.037	-.187
90	105	-.076	.031	.034	-.270	105	105	-.122	.041	-.008	-.297	120	105	-.092	.024	0.000	-.197
90	106	-.082	.040	.032	-.304	105	106	-.135	.057	.020	-.379	120	106	-.084	.028	.010	-.230
90	107	-.081	.022	-.005	-.167	105	107	-.109	.027	-.021	-.203	120	107	-.108	.025	-.017	-.187
90	108	-.078	.028	.029	-.210	105	108	-.111	.039	.016	-.260	120	108	-.091	.025	.007	-.188
90	109	-.071	.033	.057	-.243	105	109	-.113	.056	.040	-.527	120	109	-.088	.028	.008	-.227
90	201	-.061	.033	.044	-.217	105	201	-.068	.038	.076	-.191	120	201	-.080	.028	.024	-.198
90	202	-.045	.027	.053	-.168	105	202	-.039	.039	.091	-.170	120	202	-.140	.031	-.025	-.303
90	203	-.050	.033	.063	-.196	105	203	-.087	.041	.079	-.234	120	203	-.202	.043	-.081	-.392
90	204	-.076	.041	.057	-.243	105	204	-.057	.031	.036	-.229	120	204	-.184	.038	-.084	-.410
90	205	-.075	.029	.028	-.173	105	205	-.110	.041	.038	-.285	120	205	-.090	.028	.015	-.220
90	206	-.088	.029	.008	-.205	105	206	-.133	.048	.007	-.328	120	206	-.218	.045	-.072	-.400
90	207	-.092	.040	.092	-.241	105	207	-.161	.058	.101	-.399	120	207	-.232	.079	-.019	-.577
90	208	-.088	.043	.037	-.330	105	208	-.107	.040	.025	-.283	120	208	-.210	.040	-.096	-.397
90	209	-.062	.025	.040	-.159	105	209	-.095	.040	.046	-.234	120	209	-.089	.028	.025	-.195
90	210	-.011	.032	.159	-.139	105	210	-.029	.050	.145	-.171	120	210	-.089	.043	.082	-.241
90	211	.019	.042	.244	-.094	105	211	.053	.051	.280	-.162	120	211	-.052	.056	.146	-.225
90	212	-.104	.080	.076	-.639	105	212	-.070	.061	.097	-.384	120	212	-.246	.062	-.049	-.526
90	301	-.042	.041	.115	-.248	105	301	-.021	.026	.082	-.153	120	301	-.050	.033	.143	-.163
90	302	-.026	.046	.139	-.235	105	302	-.013	.025	.114	-.163	120	302	-.030	.037	.156	-.145
90	303	-.018	.054	.188	-.354	105	303	-.001	.031	.125	-.143	120	303	-.032	.042	.165	-.158
90	304	-.039	.028	.057	-.209	105	304	-.041	.021	.031	-.119	120	304	-.075	.034	.133	-.200
90	305	-.018	.032	.115	-.230	105	305	.006	.024	.109	-.092	120	305	.019	.041	.252	-.087
90	306	-.001	.040	.142	-.147	105	306	.051	.050	.175	-.066	120	306	.070	.039	.267	-.030
90	307	-.017	.031	.129	-.160	105	307	.009	.024	.079	-.097	120	307	-.019	.026	.106	-.118
90	308	-.008	.027	.102	-.110	105	308	-.004	.020	.074	-.074	120	308	-.004	.027	.133	-.082
90	309	.002	.038	.184	-.121	105	309	.026	.027	.155	-.069	120	309	.065	.033	.267	-.030
90	401	-.052	.029	.060	-.188	105	401	-.069	.032	.049	-.216	120	401	-.078	.026	-.003	-.180
90	402	-.041	.029	.202	-.301	105	402	-.032	.032	.086	-.137	120	402	-.109	.025	-.010	-.214
90	403	-.033	.030	.139	-.011	105	403	-.042	.029	.076	-.152	120	403	-.137	.031	-.032	-.291
90	404	-.049	.042	.144	-.057	105	404	-.067	.041	.040	-.326	120	404	-.189	.049	-.074	-.537
90	405	-.065	.028	.058	-.269	105	405	-.081	.033	.025	-.221	120	405	-.078	.021	0.000	-.170
90	406	-.049	.027	.073	-.163	105	406	-.025	.026	.092	-.153	120	406	-.081	.023	-.013	-.260
90	407	-.025	.035	.141	-.186	105	407	-.023	.027	.061	-.160	120	407	-.108	.032	-.007	-.276
90	408	-.034	.055	.225	-.316	105	408	-.089	.047	.059	-.361	120	408	-.230	.056	-.093	-.463
90	409	-.080	.025	.019	-.180	105	409	-.079	.033	.043	-.204	120	409	-.084	.020	.003	-.168
90	410	-.065	.031	.055	-.227	105	410	-.027	.033	.147	-.181	120	410	-.058	.021	.008	-.180
90	411	-.033	.037	.178	-.183	105	411	-.013	.031	.119	-.180	120	411	-.103	.043	.003	-.350
90	412	-.038	.060	.188	-.307	105	412	-.117	.064	.058	-.471	120	412	-.339	.095	-.098	-.802

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE
PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	101	-.168	.022	-.096	-.256	150	101	-.245	.033	-.139	-.395	165	101	-.237	.045	-.113	-.475
135	102	-.120	.021	-.055	-.200	150	102	-.184	.027	-.099	-.277	165	102	-.187	.031	-.093	-.330
135	103	-.108	.022	-.041	-.193	150	103	-.154	.030	-.059	-.270	165	103	-.144	.028	-.049	-.263
135	104	-.179	.023	-.104	-.264	150	104	-.256	.027	-.178	-.405	165	104	-.244	.027	-.163	-.357
135	105	-.127	.022	-.050	-.210	150	105	-.189	.026	-.114	-.274	165	105	-.188	.027	-.099	-.274
135	106	-.109	.023	-.028	-.195	150	106	-.152	.031	-.043	-.267	165	106	-.135	.030	-.037	-.247
135	107	-.165	.026	-.066	-.259	150	107	-.254	.030	-.150	-.383	165	107	-.272	.031	-.171	-.380
135	108	-.121	.024	-.033	-.205	150	108	-.184	.030	-.066	-.363	165	108	-.180	.030	-.056	-.319
135	109	-.108	.027	-.005	-.206	150	109	-.162	.030	-.037	-.267	165	109	-.154	.029	-.038	-.271
135	201	-.110	.028	-.021	-.254	150	201	-.157	.032	-.048	-.357	165	201	-.146	.028	-.024	-.281
135	202	-.173	.038	-.045	-.335	150	202	-.228	.043	-.090	-.415	165	202	-.234	.034	-.132	-.421
135	203	-.246	.059	-.051	-.555	150	203	-.296	.098	-.022	-.757	165	203	-.249	.053	.003	-.653
135	204	-.271	.049	-.131	-.506	150	204	-.404	.068	-.205	-.687	165	204	-.477	.113	.038	-1.052
135	205	-.111	.027	-.015	-.208	150	205	-.150	.036	-.022	-.315	165	205	-.130	.031	-.010	-.276
135	206	-.188	.045	-.036	-.357	150	206	-.245	.046	-.086	-.442	165	206	-.250	.039	-.097	-.455
135	207	-.237	.058	-.043	-.504	150	207	-.293	.090	-.014	-.624	165	207	-.211	.056	.040	-.546
135	208	-.257	.042	-.149	-.464	150	208	-.389	.067	-.013	-.797	165	208	-.437	.177	.270	-1.114
135	209	-.102	.027	-.003	-.190	150	209	-.160	.033	-.045	-.283	165	209	-.160	.036	-.057	-.354
135	210	-.130	.038	.013	-.251	150	210	-.210	.047	-.010	-.368	165	210	-.251	.045	-.054	-.412
135	211	-.187	.047	.017	-.382	150	211	-.235	.079	.008	-.451	165	211	-.177	.060	.097	-.458
135	212	-.306	.068	-.068	-.760	150	212	-.485	.170	.158	-1.548	165	212	-.526	.309	.238	-2.188
135	301	-.039	.058	.264	-.235	150	301	-.082	.093	.336	-.379	165	301	-.018	.132	.509	-.385
135	302	-.014	.061	.330	-.188	150	302	-.054	.087	.338	-.311	165	302	-.025	.119	.440	-.338
135	303	-.039	.063	.256	-.289	150	303	-.044	.088	.344	-.421	165	303	-.047	.124	.571	-.421
135	304	-.043	.055	.177	-.192	150	304	-.079	.071	.360	-.309	165	304	.050	.116	.474	-.305
135	305	.078	.069	.372	-.088	150	305	.064	.071	.387	-.163	165	305	.124	.095	.602	-.128
135	306	.123	.066	.428	-.025	150	306	.140	.081	.482	-.091	165	306	.117	.084	.597	-.089
135	307	.011	.037	.182	-.106	150	307	-.008	.045	.211	-.150	165	307	.049	.067	.333	-.161
135	308	.046	.048	.271	-.059	150	308	.035	.052	.266	-.099	165	308	.108	.075	.504	-.124
135	309	.115	.050	.395	-.012	150	309	.129	.063	.427	-.043	165	309	.125	.071	.519	-.048
135	401	-.110	.022	-.030	-.198	150	401	-.159	.027	-.046	-.307	165	401	-.159	.028	-.053	-.273
135	402	-.145	.030	0.000	-.292	150	402	-.199	.034	-.072	-.343	165	402	-.225	.041	-.089	-.426
135	403	-.196	.050	-.063	-.453	150	403	-.244	.060	-.069	-.568	165	403	-.281	.081	-.091	-.630
135	404	-.295	.080	-.093	-.877	150	404	-.449	.112	-.168	-1.008	165	404	-.505	.133	-.145	-1.187
135	405	-.117	.020	-.053	-.241	150	405	-.177	.025	-.083	-.320	165	405	-.186	.027	-.097	-.305
135	406	-.132	.030	-.015	-.345	150	406	-.191	.033	-.005	-.429	165	406	-.213	.039	-.083	-.412
135	407	-.175	.057	.033	-.464	150	407	-.219	.054	-.040	-.509	165	407	-.253	.057	-.069	-.543
135	408	-.327	.085	-.083	-.862	150	408	-.452	.115	-.184	-1.253	165	408	-.489	.126	-.190	-1.256
135	409	-.133	.019	-.053	-.203	150	409	-.208	.024	-.114	-.346	165	409	-.201	.028	-.073	-.314
135	410	-.125	.032	-.010	-.296	150	410	-.187	.033	-.066	-.376	165	410	-.198	.033	-.057	-.326
135	411	-.199	.051	-.066	-.459	150	411	-.240	.050	-.101	-.503	165	411	-.256	.052	-.035	-.511
135	412	-.474	.111	-.193	-.958	150	412	-.604	.132	-.269	-1.247	165	412	-.511	.120	-.257	-1.117

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	101	-.366	.108	-.162	-1.041	195	101	-.209	.039	-.085	-.492	210	101	-.163	.034	-.026	-.384
180	102	-.234	.040	-.078	-.406	195	102	-.211	.041	-.072	-.460	210	102	-.168	.038	-.033	-.325
180	103	-.210	.039	-.093	-.381	195	103	-.204	.041	-.063	-.524	210	103	-.167	.043	-.018	-.411
180	104	-.312	.045	-.192	-.529	195	104	-.213	.036	-.112	-.335	210	104	-.164	.027	-.056	-.287
180	105	-.222	.035	-.123	-.378	195	105	-.201	.033	-.090	-.326	210	105	-.153	.029	-.020	-.328
180	106	-.202	.039	-.075	-.363	195	106	-.199	.034	-.106	-.353	210	106	-.149	.031	-.043	-.328
180	107	-.281	.038	-.158	-.408	195	107	-.210	.032	-.114	-.330	210	107	-.162	.026	-.072	-.299
180	108	-.237	.039	-.125	-.394	195	108	-.201	.032	-.104	-.322	210	108	-.153	.028	-.038	-.297
180	109	-.206	.034	-.091	-.365	195	109	-.197	.041	.047	-.399	210	109	-.148	.032	-.043	-.397
180	201	-.212	.044	-.066	-.486	195	201	-.206	.061	.059	-.467	210	201	-.186	.069	.135	-.476
180	202	-.269	.057	-.040	-.552	195	202	-.279	.070	-.018	-.715	210	202	-.305	.067	-.003	-.555
180	203	-.229	.072	.157	-.465	195	203	-.226	.083	.186	-.510	210	203	-.198	.085	.276	-.437
180	204	-.286	.207	.230	-1.117	195	204	-.127	.172	.382	-.813	210	204	-.010	.127	.401	-.941
180	205	-.205	.039	-.090	-.355	195	205	-.189	.040	.021	-.343	210	205	-.145	.046	.158	-.397
180	206	-.252	.057	0.000	-.489	195	206	-.249	.060	.019	-.455	210	206	-.265	.058	.023	-.504
180	207	-.111	.081	-.214	-.349	195	207	-.091	.077	.220	-.300	210	207	-.079	.072	.184	-.307
180	208	-.042	.273	.613	-1.038	195	208	.109	.215	.589	-.951	210	208	.244	.132	.818	-.724
180	209	-.213	.041	-.094	-.510	195	209	-.194	.048	-.018	-.531	210	209	-.159	.058	.026	-.491
180	210	-.261	.064	-.035	-.517	195	210	-.262	.060	-.059	-.520	210	210	-.279	.057	-.056	-.473
180	211	-.072	.077	.269	-.373	195	211	-.065	.069	.213	-.253	210	211	-.055	.067	.323	-.261
180	212	-.051	.310	.491	-1.547	195	212	.115	.127	.446	-1.018	210	212	.165	.074	.475	-.665
180	301	-.068	.143	.573	-.649	195	301	-.070	.149	.393	-.773	210	301	-.077	.143	.360	-1.010
180	302	-.103	.123	.558	-.521	195	302	-.115	.107	.277	-.499	210	302	-.112	.081	.281	-.320
180	303	-.060	.123	.413	-.376	195	303	-.082	.108	.377	-.370	210	303	-.083	.079	.255	-.356
180	304	.111	.120	.643	-.521	195	304	.098	.163	.589	-.585	210	304	.071	.185	.603	-.662
180	305	.130	.097	.563	-.315	195	305	.099	.097	.523	-.414	210	305	.089	.083	.509	-.264
180	306	.137	.100	.718	-.152	195	306	.094	.082	.675	-.162	210	306	.073	.062	.425	-.159
180	307	.086	.091	.421	-.555	195	307	.063	.134	.521	-.603	210	307	.042	.140	.452	-.775
180	308	.122	.073	.573	-.163	195	308	.103	.072	.447	-.170	210	308	.079	.062	.429	-.136
180	309	.151	.080	.637	-.029	195	309	.110	.070	.521	-.115	210	309	.082	.045	.378	-.051
180	401	-.234	.051	-.109	-.513	195	401	-.230	.059	.035	-.585	210	401	-.215	.072	-.043	-.627
180	402	-.352	.082	-.170	-.728	195	402	-.365	.090	-.018	-.763	210	402	-.372	.093	-.044	-.814
180	403	-.494	.121	-.117	-1.000	195	403	-.560	.103	-.284	-1.097	210	403	-.595	.100	-.153	-1.002
180	404	-.601	.194	-.150	-1.512	195	404	-.543	.172	-.200	-1.520	210	404	-.512	.116	-.176	-1.435
180	405	-.248	.044	-.112	-.427	195	405	-.215	.051	-.047	-.502	210	405	-.191	.051	-.018	-.504
180	406	-.332	.087	-.131	-.811	195	406	-.329	.089	.008	-.751	210	406	-.321	.089	.016	-.764
180	407	-.291	.089	-.090	-.849	195	407	-.327	.119	-.075	-.956	210	407	-.401	.147	-.097	-.915
180	408	-.724	.166	-.266	-1.678	195	408	-.836	.179	-.247	-1.774	210	408	-.885	.202	-.217	-1.992
180	409	-.270	.040	-.144	-.432	195	409	-.191	.036	-.074	-.395	210	409	-.167	.043	-.036	-.412
180	410	-.221	.036	-.069	-.410	195	410	-.188	.033	-.016	-.372	210	410	-.179	.044	.011	-.420
180	411	-.295	.067	-.099	-.597	195	411	-.245	.057	-.093	-.552	210	411	-.201	.039	-.074	-.407
180	412	-.502	.087	-.309	-.889	195	412	-.505	.080	-.311	-.929	210	412	-.473	.067	-.297	-.834

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	101	-.122	.033	-.018	-.264	240	101	-.087	.025	.026	-.199	255	101	-.066	.022	.074	-.153
225	102	-.127	.031	.018	-.273	240	102	-.091	.024	.008	-.237	255	102	-.083	.020	.034	-.164
225	103	-.124	.034	-.010	-.287	240	103	-.086	.025	.021	-.212	255	103	-.083	.020	.031	-.169
225	104	-.117	.022	-.036	-.194	240	104	-.072	.019	.013	-.138	255	104	-.054	.019	.106	-.113
225	105	-.110	.035	.041	-.251	240	105	-.103	.020	-.018	-.175	255	105	-.070	.018	.010	-.125
225	106	-.105	.037	.055	-.260	240	106	-.091	.020	-.011	-.157	255	106	-.065	.019	.023	-.196
225	107	-.111	.036	.046	-.273	240	107	-.079	.021	.008	-.162	255	107	-.050	.019	.034	-.109
225	108	-.111	.035	.041	-.256	240	108	-.097	.019	-.029	-.175	255	108	-.065	.018	.034	-.121
225	109	-.104	.036	.054	-.302	240	109	-.093	.020	-.024	-.169	255	109	-.074	.021	.014	-.146
225	201	-.138	.055	.132	-.418	240	201	-.116	.043	.105	-.290	255	201	-.099	.028	-.014	-.220
225	202	-.233	.067	.098	-.516	240	202	-.190	.041	-.005	-.357	255	202	-.128	.036	-.018	-.386
225	203	-.137	.076	.183	-.403	240	203	-.126	.055	.050	-.316	255	203	-.113	.037	.058	-.253
225	204	.093	.112	.594	-.331	240	204	.158	.104	.506	-.170	255	204	.064	.101	.483	-.158
225	205	-.102	.040	.103	-.307	240	205	-.089	.025	.047	-.175	255	205	-.065	.024	.050	-.206
225	206	-.214	.049	-.018	-.372	240	206	-.177	.034	-.003	-.329	255	206	-.125	.022	-.031	-.207
225	207	-.038	.063	.212	-.264	240	207	-.039	.039	.112	-.175	255	207	-.082	.033	.060	-.195
225	208	.267	.101	.643	-.103	240	208	.271	.099	.634	.008	255	208	.077	.098	.532	-.220
225	209	-.117	.042	.183	-.305	240	209	-.096	.029	.016	-.230	255	209	-.086	.029	.023	-.222
225	210	-.226	.048	-.036	-.410	240	210	-.187	.037	-.063	-.318	255	210	-.126	.028	-.018	-.325
225	211	-.017	.059	.196	-.238	240	211	-.018	.044	.159	-.149	255	211	-.068	.031	.068	-.156
225	212	.149	.057	.416	-.016	240	212	.119	.053	.388	-.023	255	212	-.001	.052	.220	-.135
225	301	-.132	.148	.233	-1.028	240	301	-.341	.193	.110	-1.137	255	301	-.157	.116	.085	-1.058
225	302	-.112	.050	.124	-.305	240	302	-.142	.032	-.031	-.378	255	302	-.098	.031	.013	-.220
225	303	-.069	.049	.144	-.215	240	303	-.089	.028	.054	-.190	255	303	-.061	.028	.069	-.193
225	304	-.004	.186	.534	-.612	240	304	-.251	.181	.381	-.779	255	304	-.130	.122	.187	-.640
225	305	.057	.074	.397	-.340	240	305	-.032	.065	.191	-.392	255	305	-.055	.050	.140	-.343
225	306	.058	.048	.380	-.070	240	306	-0.000	.030	.159	-.091	255	306	-.033	.033	.124	-.135
225	307	-.007	.134	.446	-.571	240	307	-.140	.126	.227	-.759	255	307	-.098	.075	.124	-.635
225	308	.057	.061	.377	-.162	240	308	-.010	.045	.206	-.212	255	308	-.053	.042	.105	-.224
225	309	.071	.045	.320	-.038	240	309	.022	.034	.170	-.076	255	309	-.027	.037	.114	-.132
225	401	-.156	.056	.018	-.499	240	401	-.120	.040	.050	-.339	255	401	-.095	.027	.008	-.312
225	402	-.282	.102	-.010	-.743	240	402	-.222	.076	-.011	-.597	255	402	-.118	.036	.056	-.365
225	403	-.448	.094	-.188	-.984	240	403	-.437	.116	-.042	-1.004	255	403	-.209	.086	-.008	-.651
225	404	-.529	.180	-.134	-1.461	240	404	-.716	.156	-.268	-1.351	255	404	-.347	.142	-.045	-.928
225	405	-.144	.043	-.021	-.367	240	405	-.116	.033	.011	-.277	255	405	-.099	.063	.048	-.918
225	406	-.204	.074	.029	-.473	240	406	-.155	.045	0.000	-.344	255	406	-.099	.032	.085	-.257
225	407	-.373	.099	-.059	-.772	240	407	-.294	.108	.091	-.722	255	407	-.145	.059	.108	-.400
225	408	-.718	.191	-.139	-1.621	240	408	-.504	.195	-.060	-1.330	255	408	-.244	.119	.014	-.909
225	409	-.133	.045	0.000	-.704	240	409	-.109	.032	.029	-.227	255	409	-.064	.027	.053	-.204
225	410	-.146	.064	.057	-.464	240	410	-.123	.042	.006	-.363	255	410	-.068	.031	.060	-.222
225	411	-.129	.033	.016	-.276	240	411	-.092	.115	.404	-.357	255	411	-.068	.035	.060	-.257
225	412	-.367	.065	-.183	-.753	240	412	-.279	.067	-.011	-.652	255	412	-.134	.055	.016	-.376

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	101	-.077	.027	.016	-.198	285	101	-.076	.042	.117	-.205	300	101	-.067	.067	.177	-.267
270	102	-.110	.025	-.019	-.226	285	102	-.109	.044	.046	-.309	300	102	-.083	.098	.257	-.393
270	103	-.111	.021	-.006	-.186	285	103	-.105	.050	.172	-.276	300	103	-.045	.137	.483	-.430
270	104	-.072	.031	.047	-.209	285	104	-.029	.053	.300	-.161	300	104	.103	.069	.375	-.083
270	105	-.105	.022	-.016	-.183	285	105	-.001	.066	.268	-.213	300	105	.166	.094	.513	-.080
270	106	-.104	.021	.008	-.185	285	106	-.005	.081	.364	-.251	300	106	.194	.133	.770	-.124
270	107	-.068	.030	.059	-.169	285	107	.041	.052	.279	-.178	300	107	.085	.052	.366	-.083
270	108	-.098	.023	-.018	-.198	285	108	.001	.055	.211	-.200	300	108	.123	.076	.458	-.050
270	109	-.099	.021	-.029	-.180	285	109	-.026	.063	.249	-.229	300	109	.088	.095	.530	-.167
270	201	-.124	.028	-.039	-.331	285	201	-.164	.092	.145	-.605	300	201	-.247	.198	.297	-1.190
270	202	-.140	.037	-.016	-.340	285	202	-.128	.038	.060	-.336	300	202	-.186	.057	.075	-.402
270	203	-.121	.043	.063	-.360	285	203	-.125	.032	.033	-.306	300	203	-.177	.054	.047	-.438
270	204	-.014	.102	.440	-.398	285	204	-.082	.060	.243	-.353	300	204	-.178	.041	-.027	-.457
270	205	-.105	.027	-.037	-.344	285	205	-.116	.130	.287	-.646	300	205	-.176	.233	.537	-1.036
270	206	-.126	.025	-.013	-.265	285	206	-.110	.041	.058	-.271	300	206	-.130	.061	.105	-.405
270	207	-.117	.032	-.005	-.284	285	207	-.107	.035	.022	-.221	300	207	-.178	.043	-.017	-.390
270	208	-.057	.075	.260	-.459	285	208	-.034	.081	.394	-.284	300	208	-.163	.032	-.063	-.368
270	209	-.103	.021	-.003	-.209	285	209	-.117	.110	.271	-.560	300	209	-.162	.146	.371	-.660
270	210	-.114	.022	-.003	-.202	285	210	-.103	.037	.036	-.248	300	210	-.129	.047	.105	-.289
270	211	-.103	.028	.024	-.264	285	211	-.103	.033	.044	-.194	300	211	-.172	.047	.042	-.372
270	212	-.069	.060	.263	-.344	285	212	-.058	.057	.210	-.287	300	212	-.154	.030	-.042	-.280
270	301	-.085	.077	.228	-.572	285	301	-.118	.051	.066	-.449	300	301	-.165	.034	-.050	-.289
270	302	-.073	.054	.151	-.443	285	302	-.111	.036	.025	-.303	300	302	-.157	.034	-.047	-.385
270	303	-.059	.048	.108	-.279	285	303	-.094	.033	.009	-.241	300	303	-.143	.033	-.006	-.375
270	304	-.084	.074	.214	-.549	285	304	-.067	.066	.222	-.377	300	304	-.166	.034	-.033	-.286
270	305	-.065	.046	.116	-.302	285	305	-.073	.041	.142	-.207	300	305	-.169	.036	-.038	-.294
270	306	-.050	.038	.096	-.214	285	306	-.068	.032	.084	-.196	300	306	-.151	.035	.002	-.278
270	307	-.073	.049	.220	-.424	285	307	-.062	.060	.200	-.331	300	307	-.158	.033	.025	-.297
270	308	-.055	.045	.210	-.185	285	308	-.061	.039	.129	-.186	300	308	-.155	.033	-.022	-.311
270	309	-.044	.042	.191	-.186	285	309	-.062	.033	.065	-.173	300	309	-.139	.031	-.023	-.252
270	401	-.108	.028	.058	-.247	285	401	-.230	.106	-.017	-.740	300	401	-.617	.247	-.067	-1.987
270	402	-.107	.038	.109	-.268	285	402	-.158	.059	.033	-.498	300	402	-.356	.105	-.069	-.793
270	403	-.117	.047	.597	-.413	285	403	-.144	.041	-.009	-.339	300	403	-.198	.068	.061	-.715
270	404	-.118	.075	.096	-.581	285	404	-.168	.078	.020	-.667	300	404	-.162	.049	.095	-.361
270	405	-.101	.030	.047	-.212	285	405	-.228	.096	-.032	-.656	300	405	-.759	.173	-.261	-1.453
270	406	-.088	.039	.106	-.271	285	406	-.134	.042	.009	-.307	300	406	-.247	.082	.005	-.696
270	407	-.089	.039	.053	-.234	285	407	-.130	.040	.011	-.434	300	407	-.169	.051	.036	-.408
270	408	-.097	.061	.092	-.430	285	408	-.150	.062	.022	-.464	300	408	-.147	.043	.158	-.302
270	409	-.069	.029	.072	-.191	285	409	-.169	.058	-.005	-.429	300	409	-.435	.092	-.131	-.859
270	410	-.061	.036	.122	-.204	285	410	-.138	.038	-.019	-.281	300	410	-.161	.053	-.008	-.449
270	411	-.060	.036	.095	-.249	285	411	-.108	.034	.032	-.252	300	411	-.128	.041	.013	-.352
270	412	-.064	.050	.108	-.453	285	412	-.117	.050	.008	-.402	300	412	-.136	.037	.095	-.293

CLEVELAND POST OFFICE
STATE OFFICE BUILDING IN PLACE

PRESSURE DATA

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	101	-.165	.065	.111	-.325	330	101	-.112	.080	.290	-.351	345	101	-.016	.094	.474	-.228
315	102	-.150	.096	.248	-.423	330	102	-.153	.091	.266	-.424	345	102	-.047	.105	.431	-.329
315	103	-.069	.130	.463	-.621	330	103	-.113	.104	.413	-.439	345	103	-.034	.117	.408	-.359
315	104	-.001	.061	.354	-.173	330	104	.037	.081	.395	-.173	345	104	.138	.121	.746	-.107
315	105	.072	.068	.382	-.111	330	105	.055	.075	.613	-.129	345	105	.122	.126	.704	-.252
315	106	.143	.108	.607	-.281	330	106	.066	.082	.533	-.356	345	106	.085	.117	.617	-.473
315	107	-.002	.041	.200	-.131	330	107	.032	.062	.375	-.112	345	107	.108	.098	.538	-.096
315	108	.058	.059	.318	-.103	330	108	.038	.056	.410	-.105	345	108	.086	.092	.550	-.171
315	109	.096	.092	.493	-.485	330	109	.027	.063	.284	-.319	345	109	.039	.076	.522	-.321
315	201	-.122	.172	.417	-.885	330	201	-.149	.156	.295	-.882	345	201	-.186	.156	.252	-.865
315	202	-.232	.067	.056	-.448	330	202	-.151	.056	.090	-.304	345	202	-.106	.049	.155	-.272
315	203	-.229	.057	.014	-.443	330	203	-.176	.046	.062	-.330	345	203	-.121	.064	.324	-.282
315	204	-.215	.039	-.094	-.435	330	204	-.156	.027	-.023	-.264	345	204	-.159	.035	-.029	-.306
315	205	.074	.177	.602	-.712	330	205	.017	.143	.570	-.681	345	205	-.066	.143	.422	-.746
315	206	-.116	.074	.204	-.435	330	206	-.047	.062	.246	-.249	345	206	.015	.068	.267	-.191
315	207	-.209	.054	.005	-.434	330	207	-.143	.045	.131	-.272	345	207	-.050	.064	.209	-.234
315	208	-.218	.034	-.117	-.345	330	208	-.153	.020	-.087	-.223	345	208	-.150	.027	-.062	-.249
315	209	.040	.131	.498	-.860	330	209	-.002	.127	.345	-.717	345	209	-.054	.132	.318	-.884
315	210	-.113	.054	.100	-.367	330	210	-.055	.051	.147	-.192	345	210	.023	.065	.312	-.197
315	211	-.204	.056	.078	-.460	330	211	-.143	.040	.059	-.280	345	211	-.031	.063	.270	-.173
315	212	-.214	.031	-.122	-.342	330	212	-.154	.020	-.058	-.236	345	212	-.155	.024	-.050	-.257
315	301	-.225	.037	-.115	-.418	330	301	-.157	.027	-.064	-.277	345	301	-.172	.032	-.065	-.375
315	302	-.221	.036	-.117	-.379	330	302	-.157	.029	-.062	-.290	345	302	-.171	.032	-.080	-.395
315	303	-.240	.033	-.097	-.367	330	303	-.153	.027	-.067	-.309	345	303	-.168	.029	-.066	-.348
315	304	-.229	.038	-.125	-.403	330	304	-.151	.021	-.085	-.222	345	304	-.160	.027	-.077	-.260
315	305	-.238	.041	-.117	-.417	330	305	-.157	.022	-.088	-.237	345	305	-.167	.028	-.069	-.272
315	306	-.212	.034	-.115	-.376	330	306	-.151	.023	-.073	-.234	345	306	-.163	.026	-.072	-.290
315	307	-.228	.037	-.109	-.404	330	307	-.154	.022	-.090	-.236	345	307	-.164	.028	-.075	-.284
315	308	-.228	.038	-.112	-.399	330	308	-.156	.021	-.084	-.249	345	308	-.163	.024	-.086	-.261
315	309	-.200	.030	-.094	-.321	330	309	-.155	.021	-.079	-.229	345	309	-.164	.023	-.090	-.246
315	401	-.477	.131	-.142	-1.300	330	401	-.416	.146	-.090	-1.331	345	401	-.339	.194	.087	-1.652
315	402	-.542	.117	-.167	-1.180	330	402	-.435	.074	-.164	-.837	345	402	-.363	.110	.048	-.784
315	403	-.325	.073	-.009	-.648	330	403	-.306	.063	-.134	-.644	345	403	-.281	.064	-.110	-.922
315	404	-.228	.054	.002	-.499	330	404	-.188	.052	-.021	-.606	345	404	-.196	.053	-.057	-.619
315	405	-.887	.206	-.264	-1.790	330	405	-.731	.181	-.258	-1.696	345	405	-.545	.178	-.068	-1.602
315	406	-.308	.089	-.078	-.879	330	406	-.283	.089	-.076	-.792	345	406	-.205	.094	.012	-.686
315	407	-.292	.073	-.058	-.595	330	407	-.271	.056	-.062	-.512	345	407	-.260	.071	-.074	-.560
315	408	-.222	.043	-.061	-.392	330	408	-.177	.039	-.041	-.381	345	408	-.188	.039	-.059	-.383
315	409	-.488	.083	-.237	-.861	330	409	-.418	.083	-.185	-.953	345	409	-.365	.092	-.072	-.776
315	410	-.212	.036	-.098	-.403	330	410	-.211	.045	-.088	-.538	345	410	-.180	.064	-.005	-.538
315	411	-.180	.034	-.044	-.350	330	411	-.158	.025	-.059	-.263	345	411	-.133	.035	.011	-.351
315	412	-.202	.035	-.089	-.365	330	412	-.163	.028	-.044	-.260	345	412	-.178	.030	-.045	-.332

FIGURES

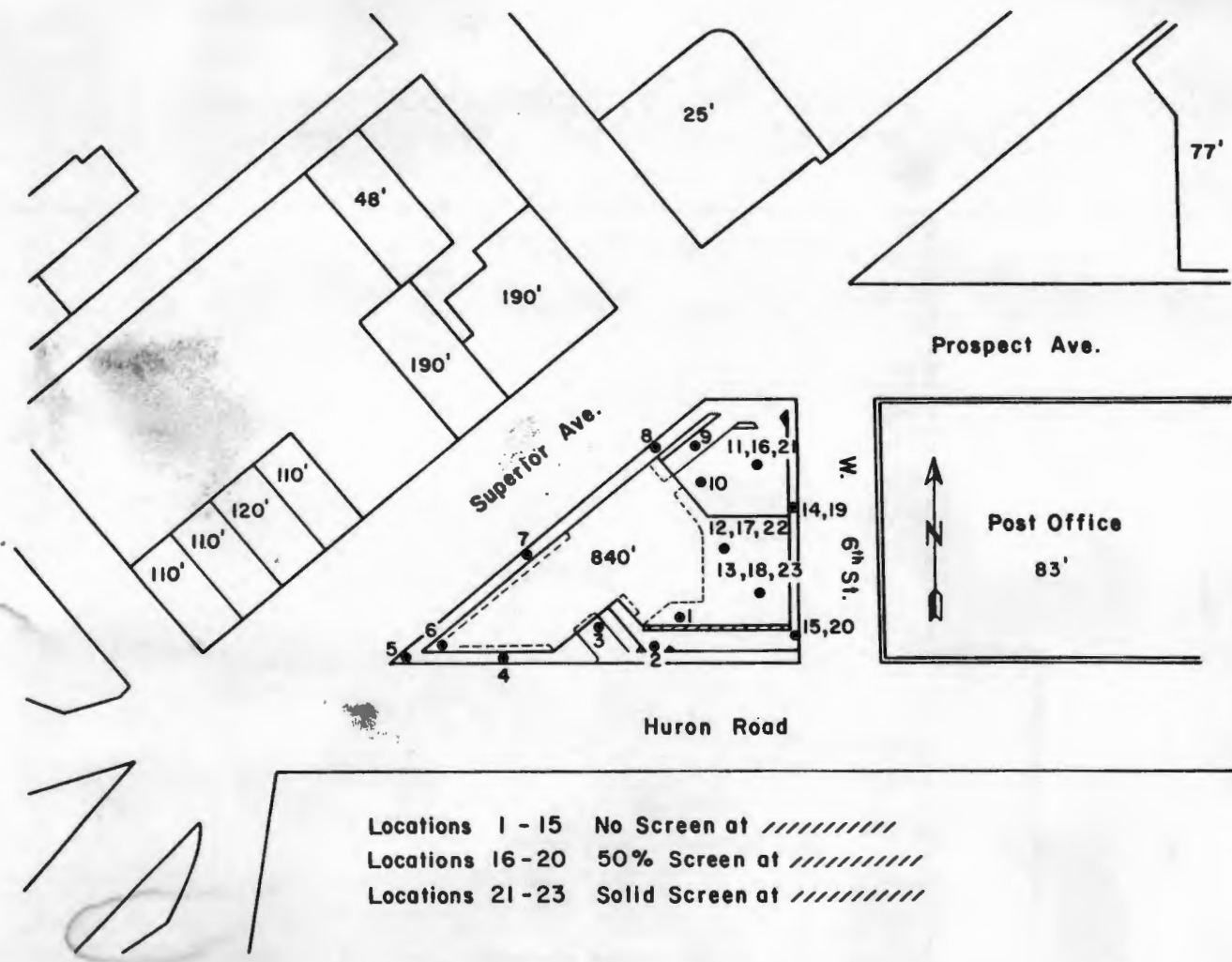


Figure 1. State Office Building Location and Pedestrian Wind Velocity Measuring Positions

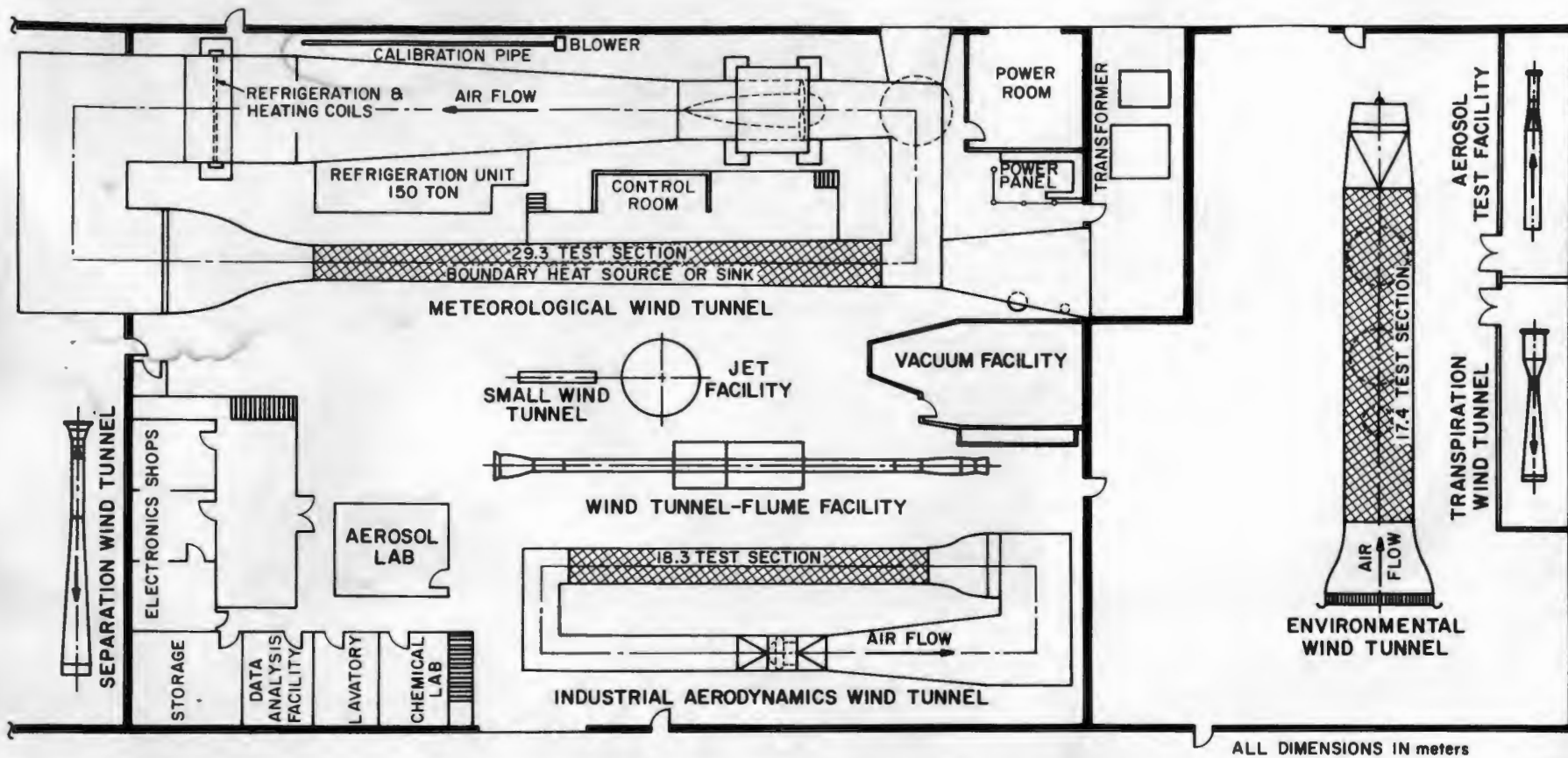


Figure 2. FLUID DYNAMICS AND DIFFUSION LABORATORY
COLORADO STATE UNIVERSITY

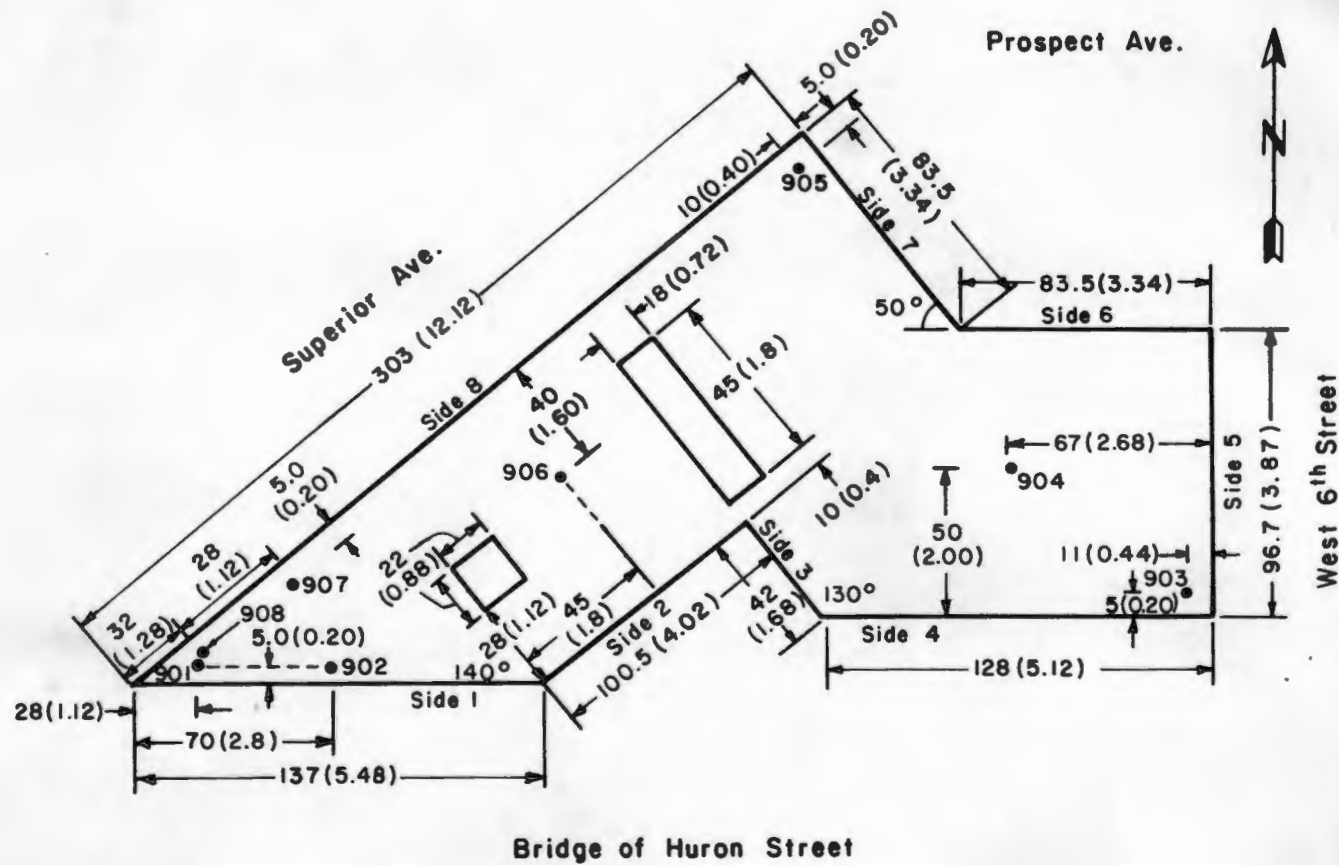


Figure 3a. Pressure Tap Locations, State Office Building-Roof

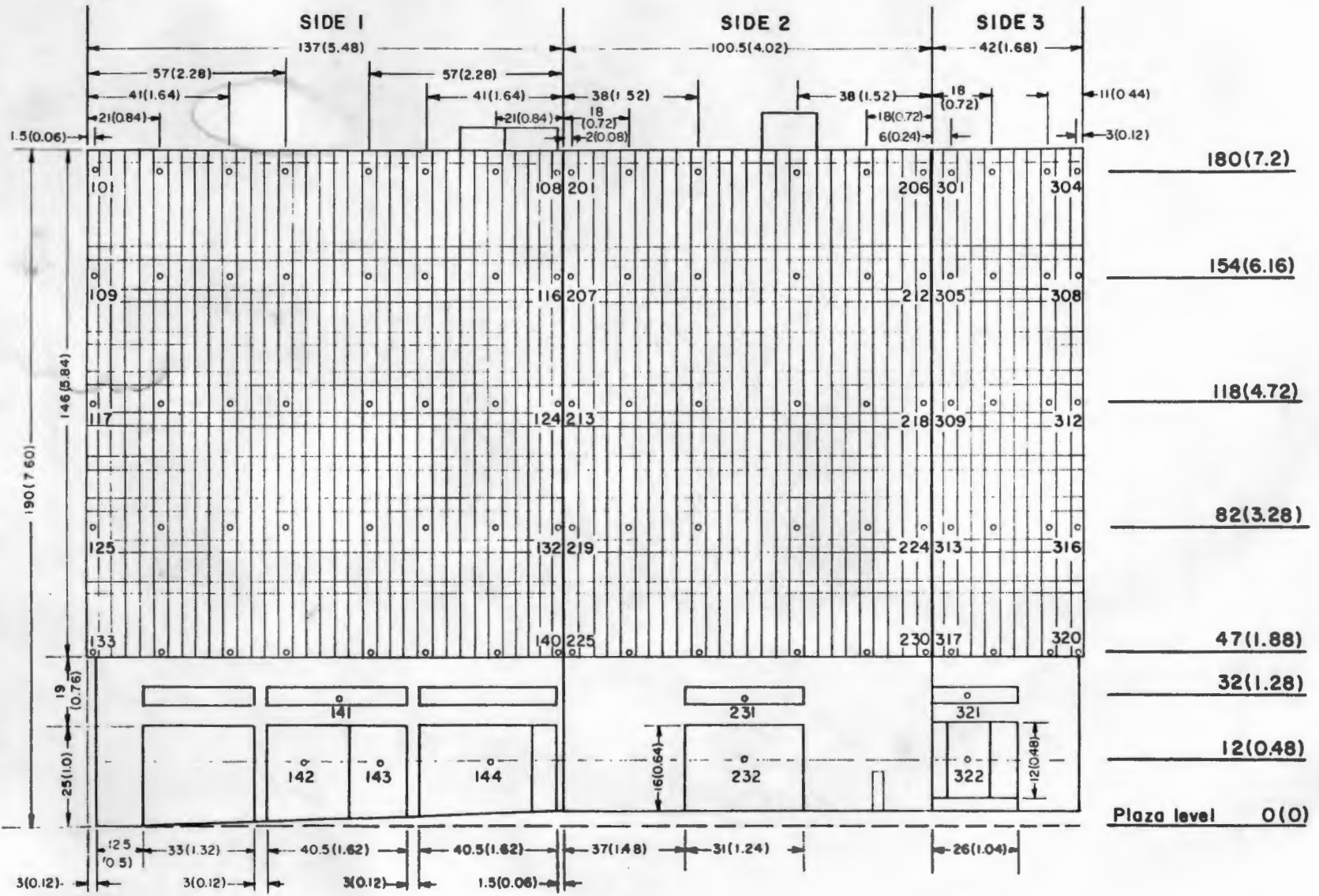


Figure 3b. Pressure Tap Locations

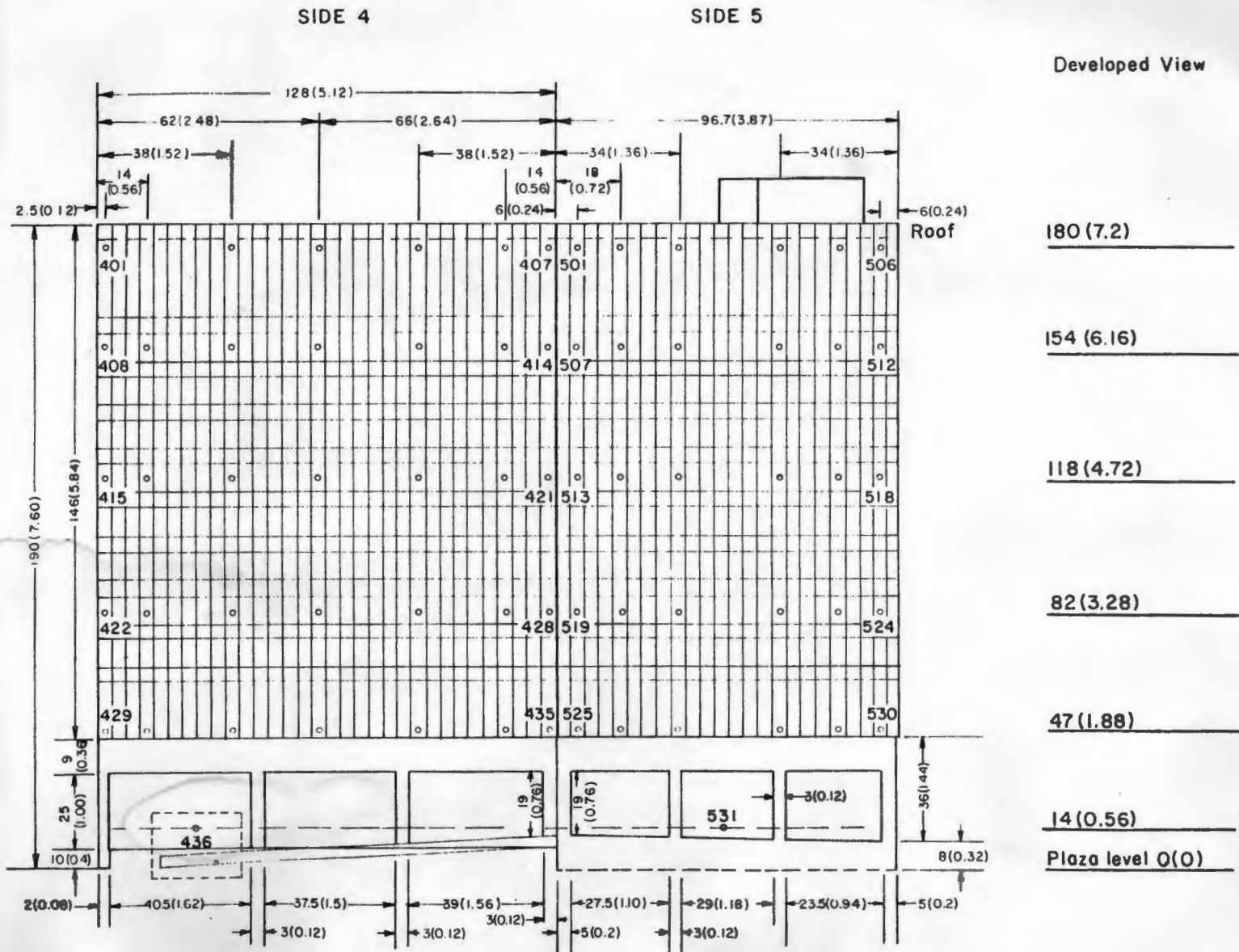


Figure 3c. Pressure Tap Locations

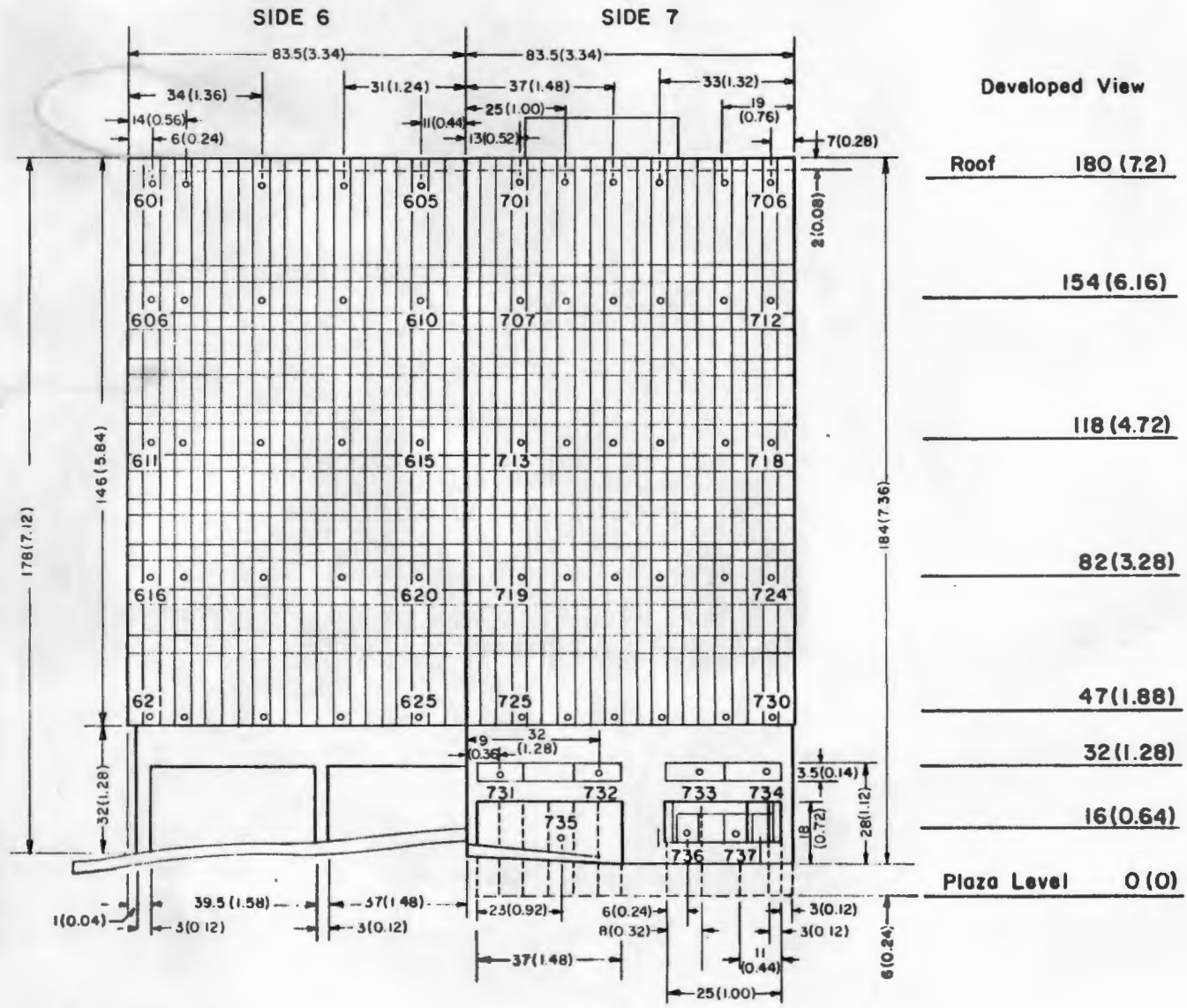


Figure 3d. Pressure Tap Locations

**SIDE 8
(Superior Elevation)**

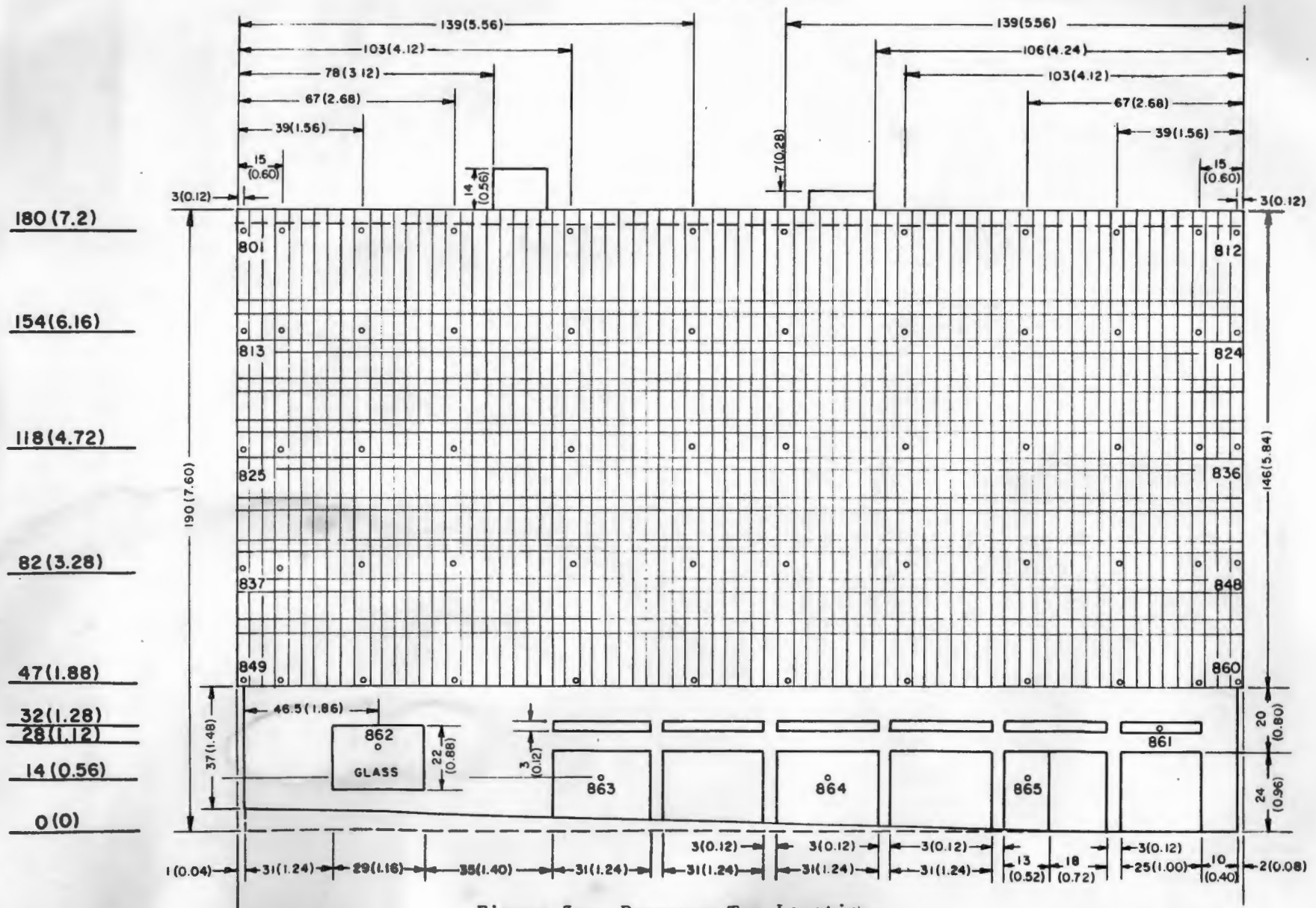


Figure 3e. Pressure Tap Locations

Plaza Level

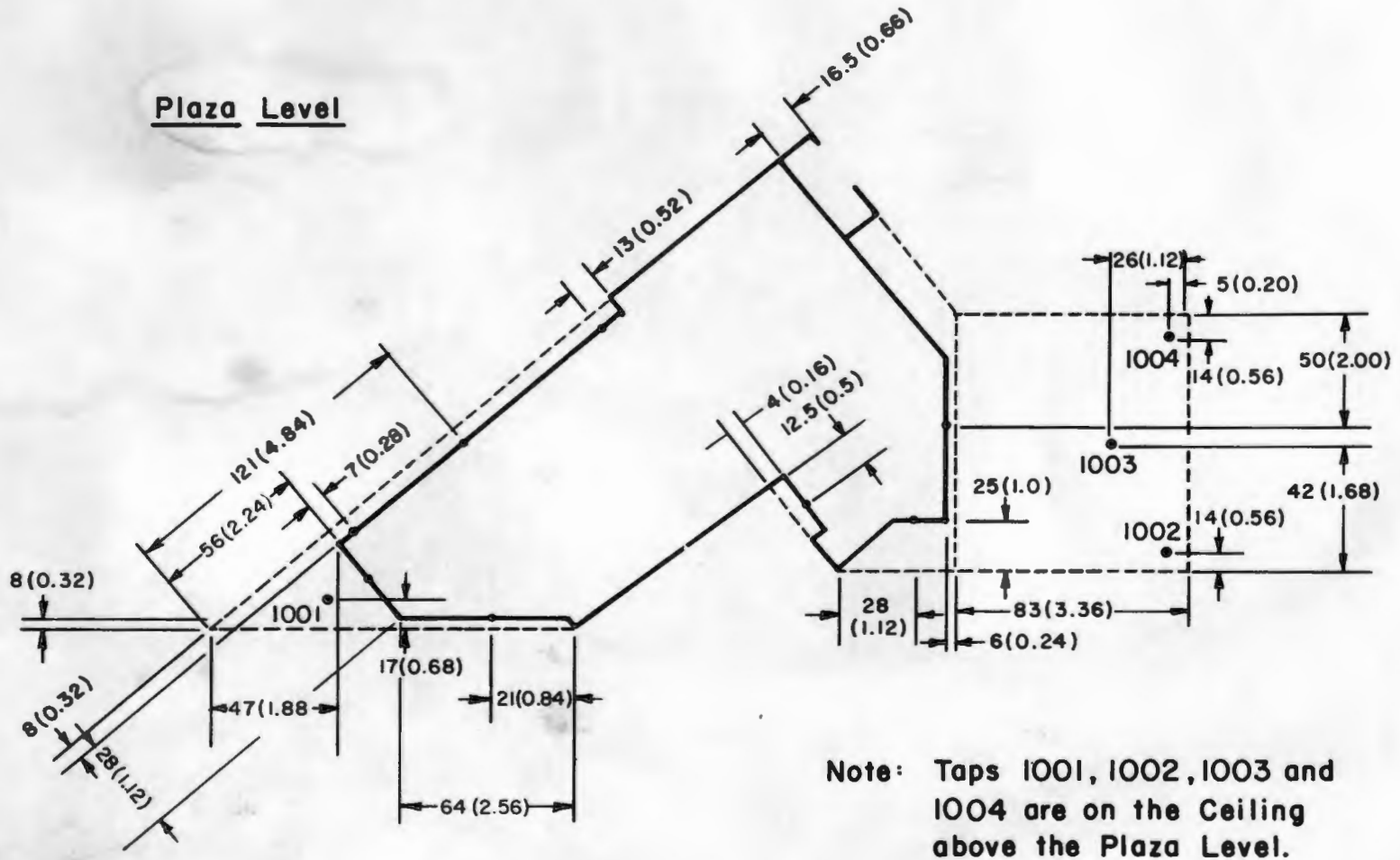


Figure 3f. Pressure Tap Locations, State Office Building--
Ceiling above Plaza Level

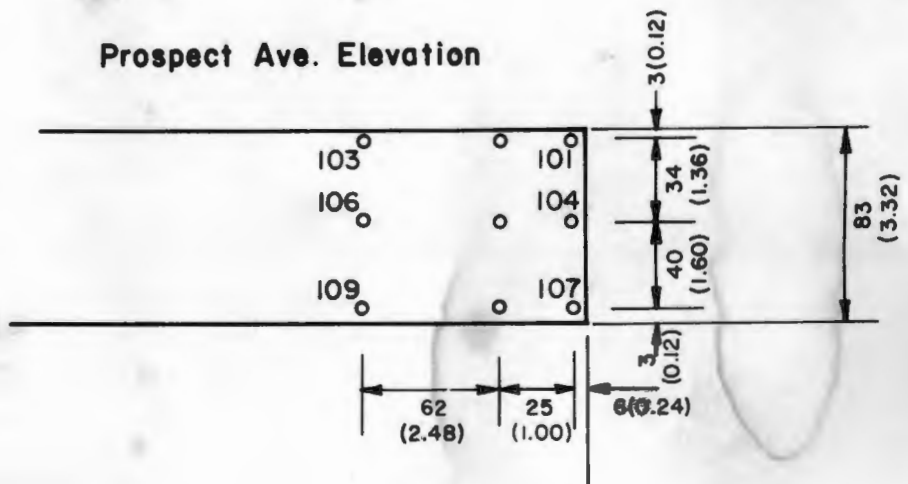
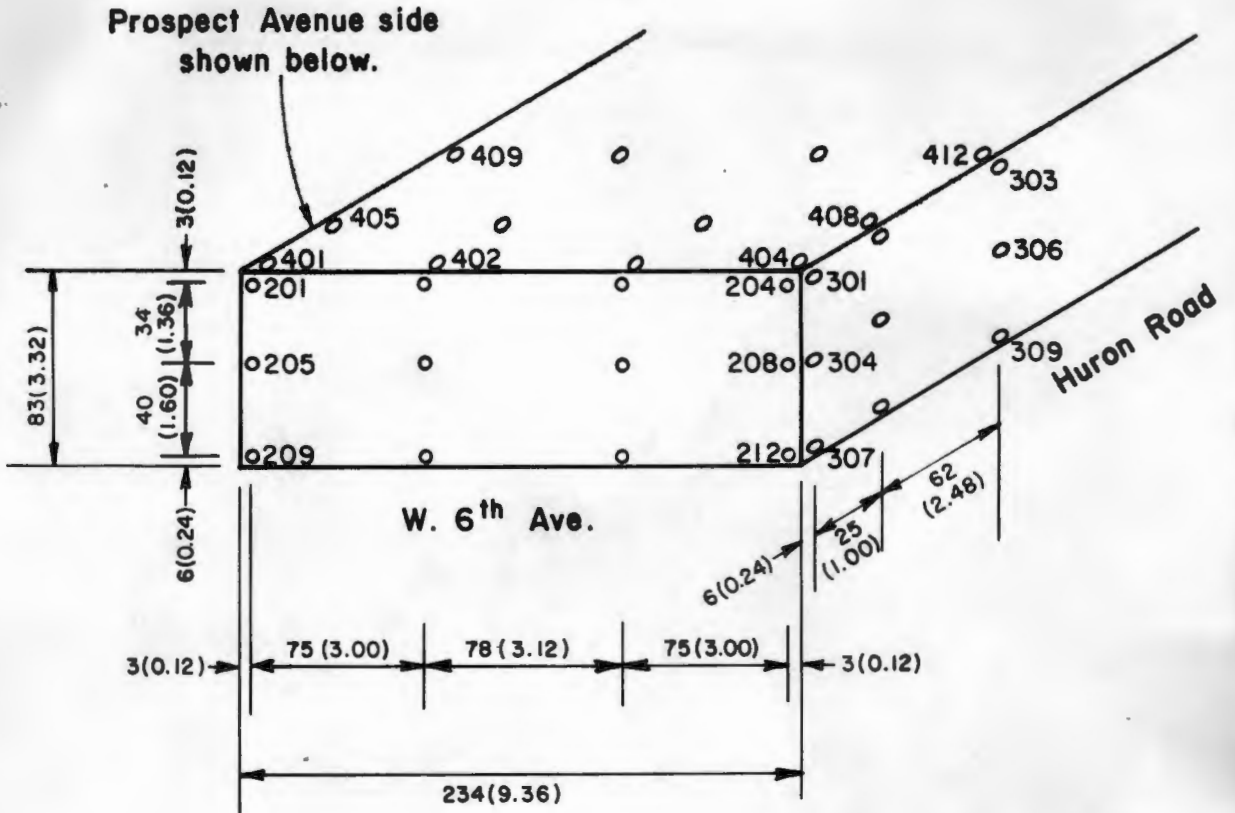


Figure 3g. Pressure Tap Locations

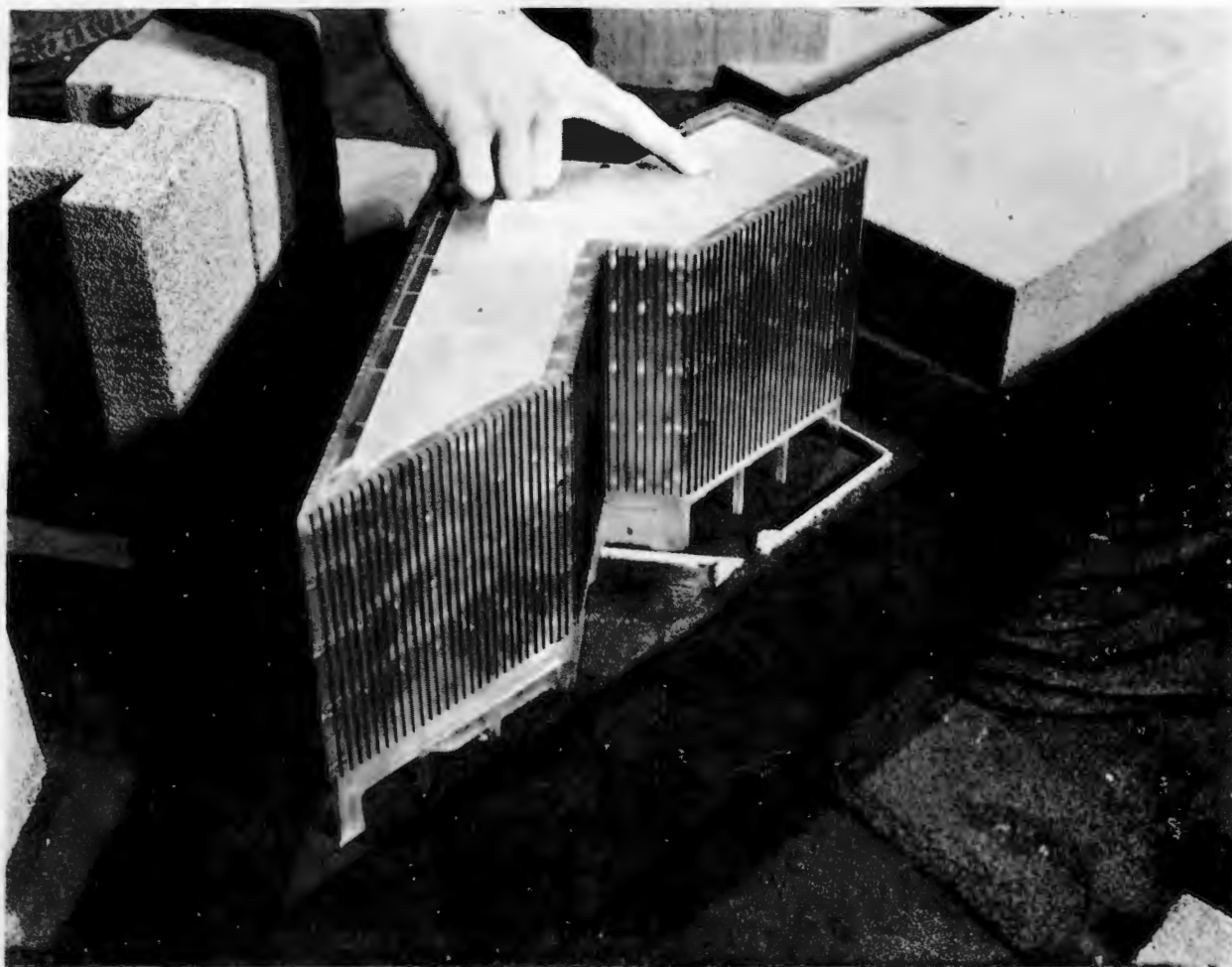


Figure 4. Photograph of Model in Wind Tunnel

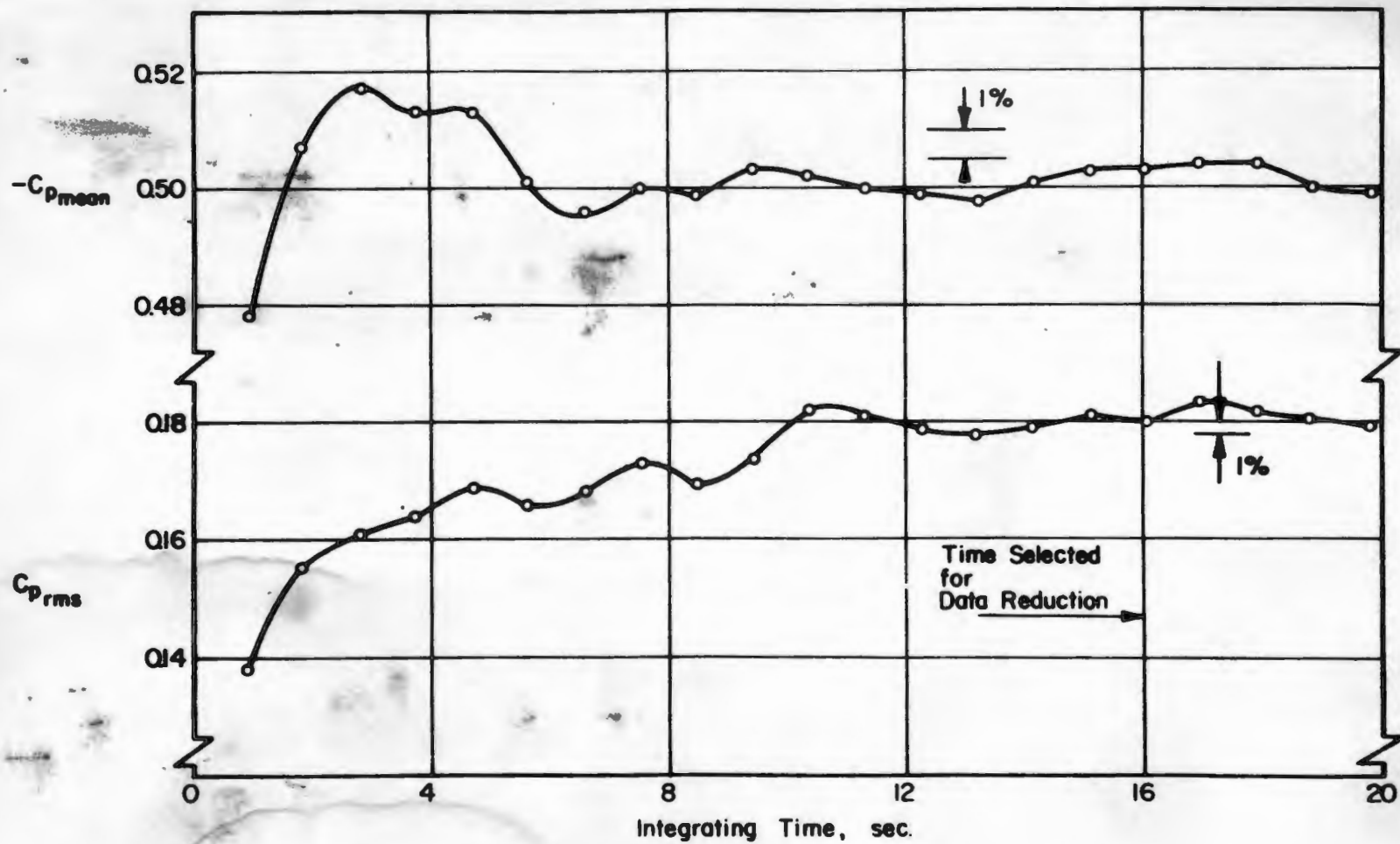


Figure 5. Data Sampling Time Verification

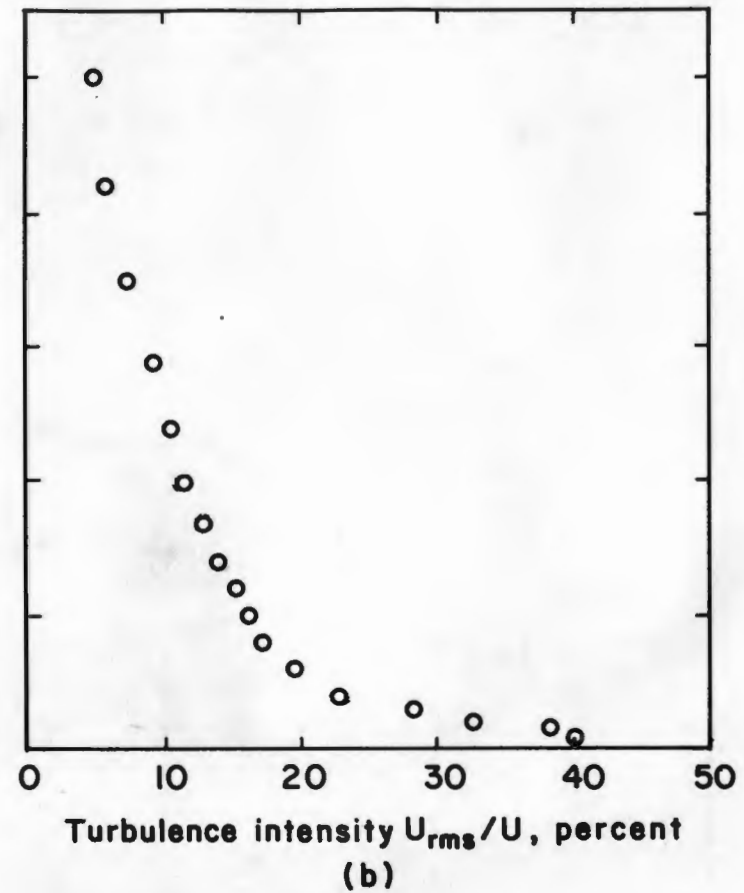
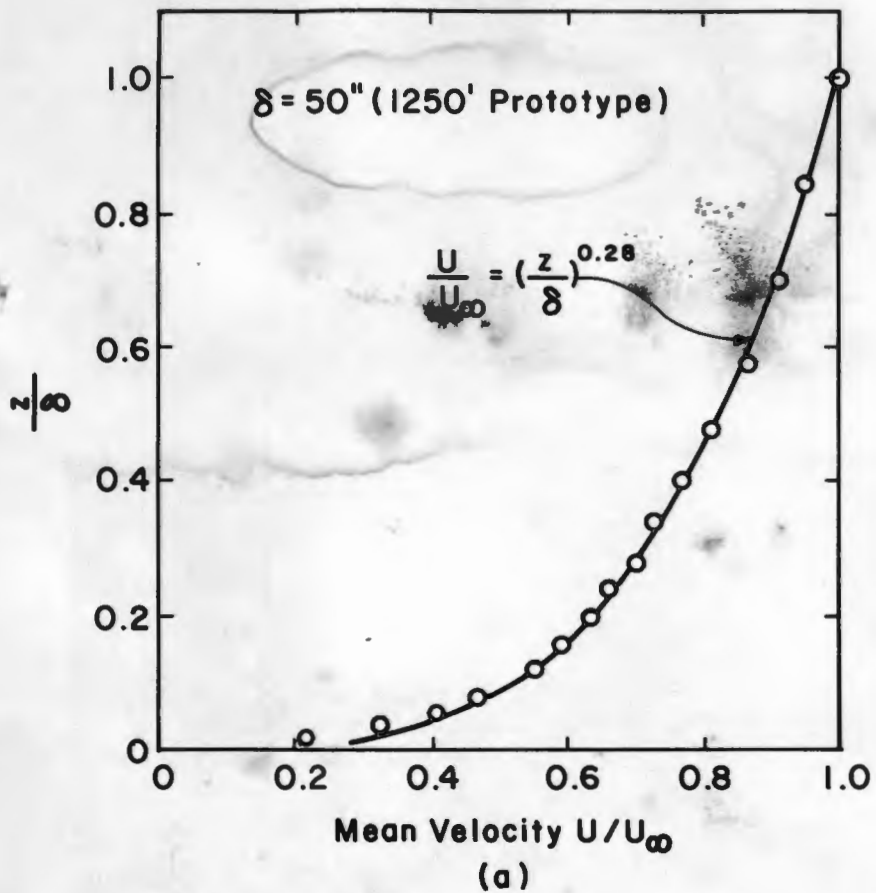


Figure 6. Velocity and Turbulence Profiles approaching the Model

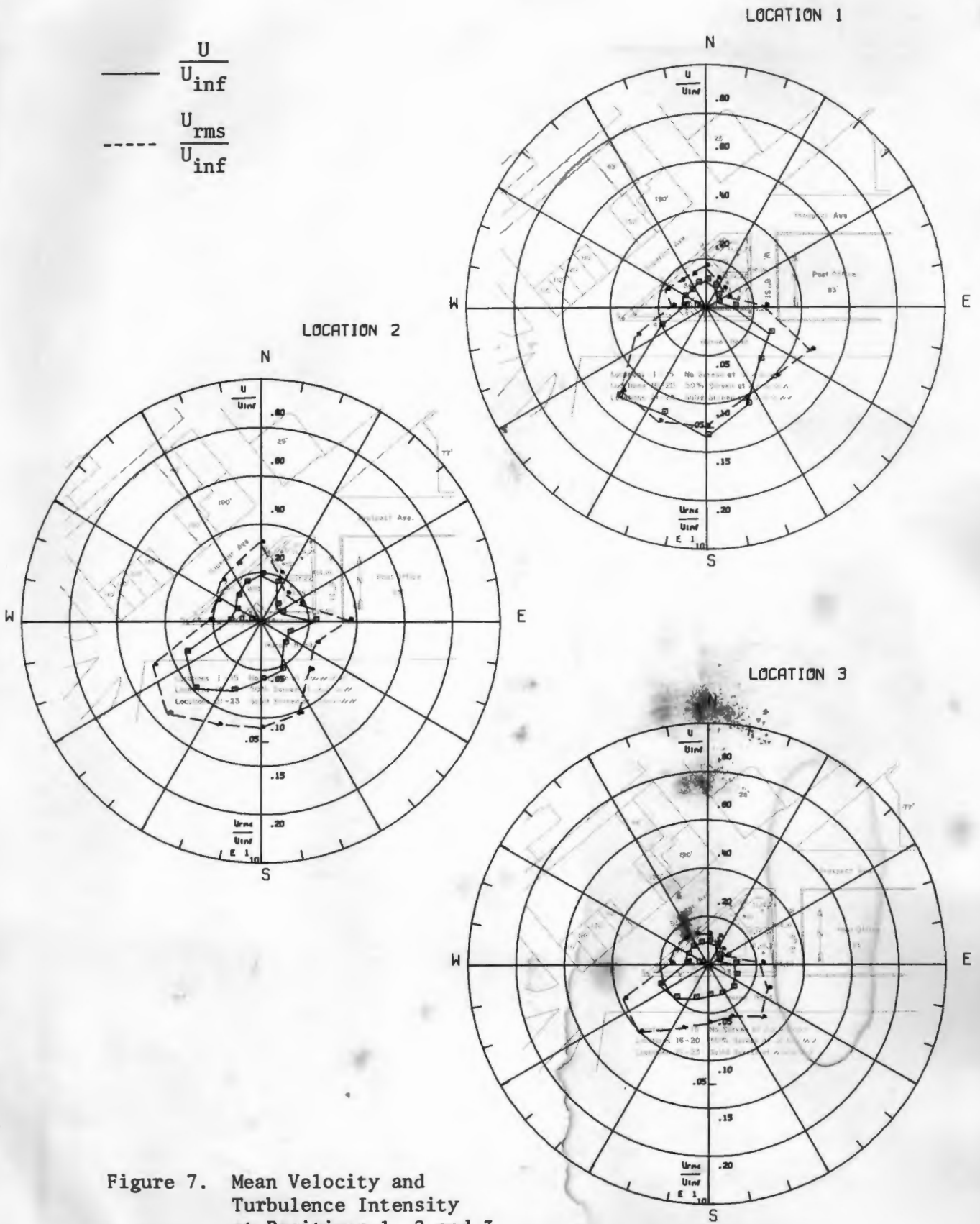


Figure 7. Mean Velocity and Turbulence Intensity at Positions 1, 2 and 3

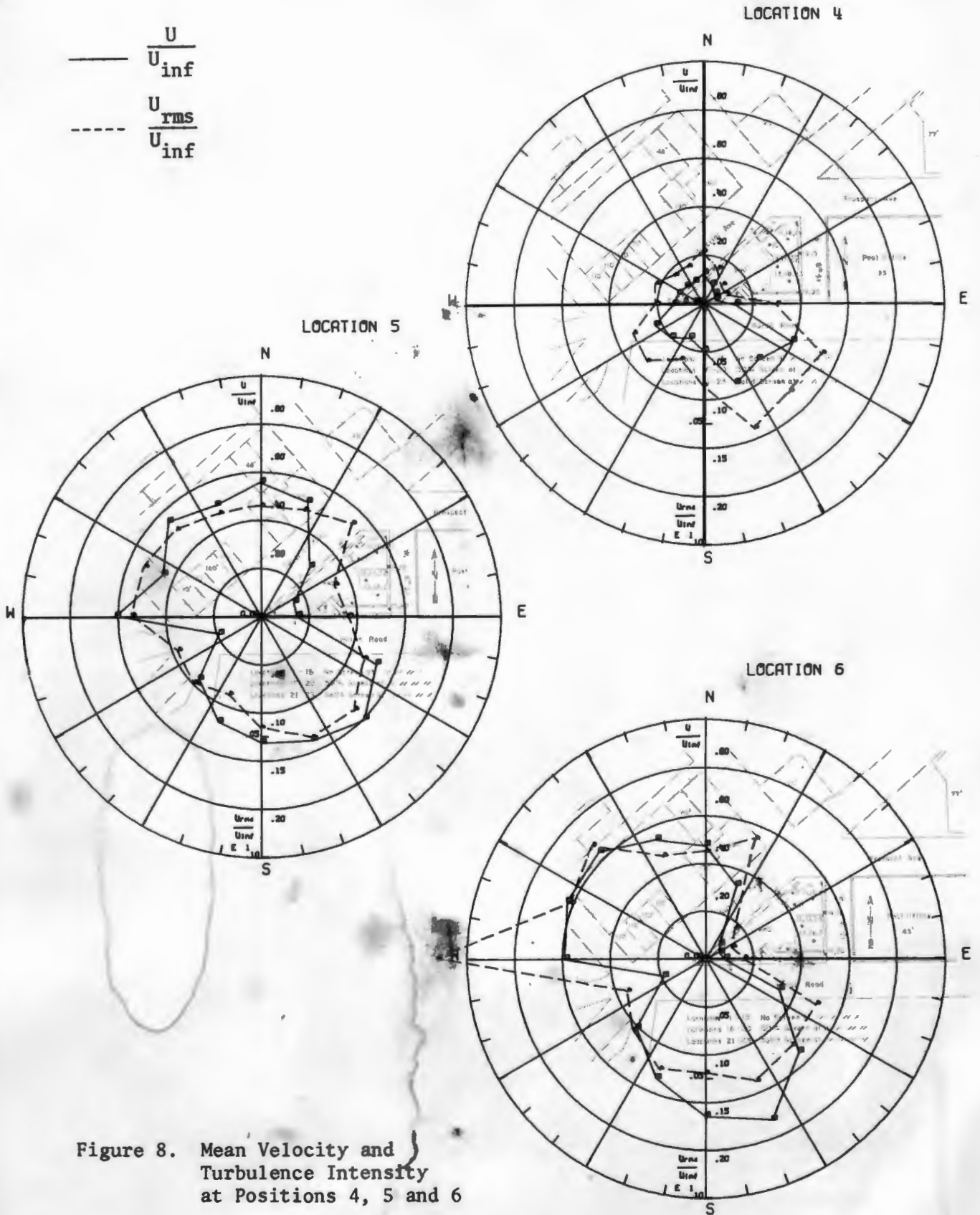


Figure 8. Mean Velocity and Turbulence Intensity at Positions 4, 5 and 6

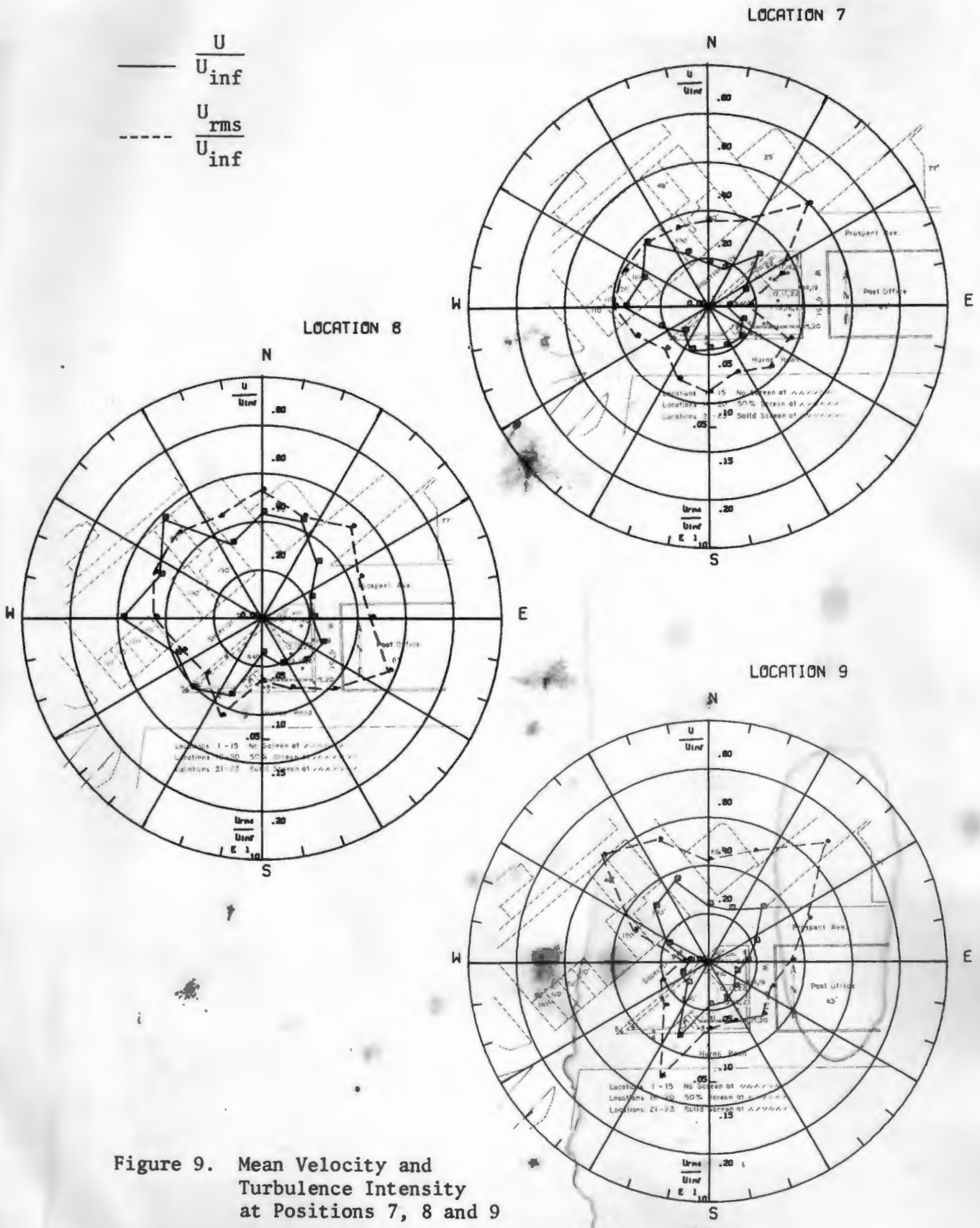


Figure 9. Mean Velocity and Turbulence Intensity at Positions 7, 8 and 9

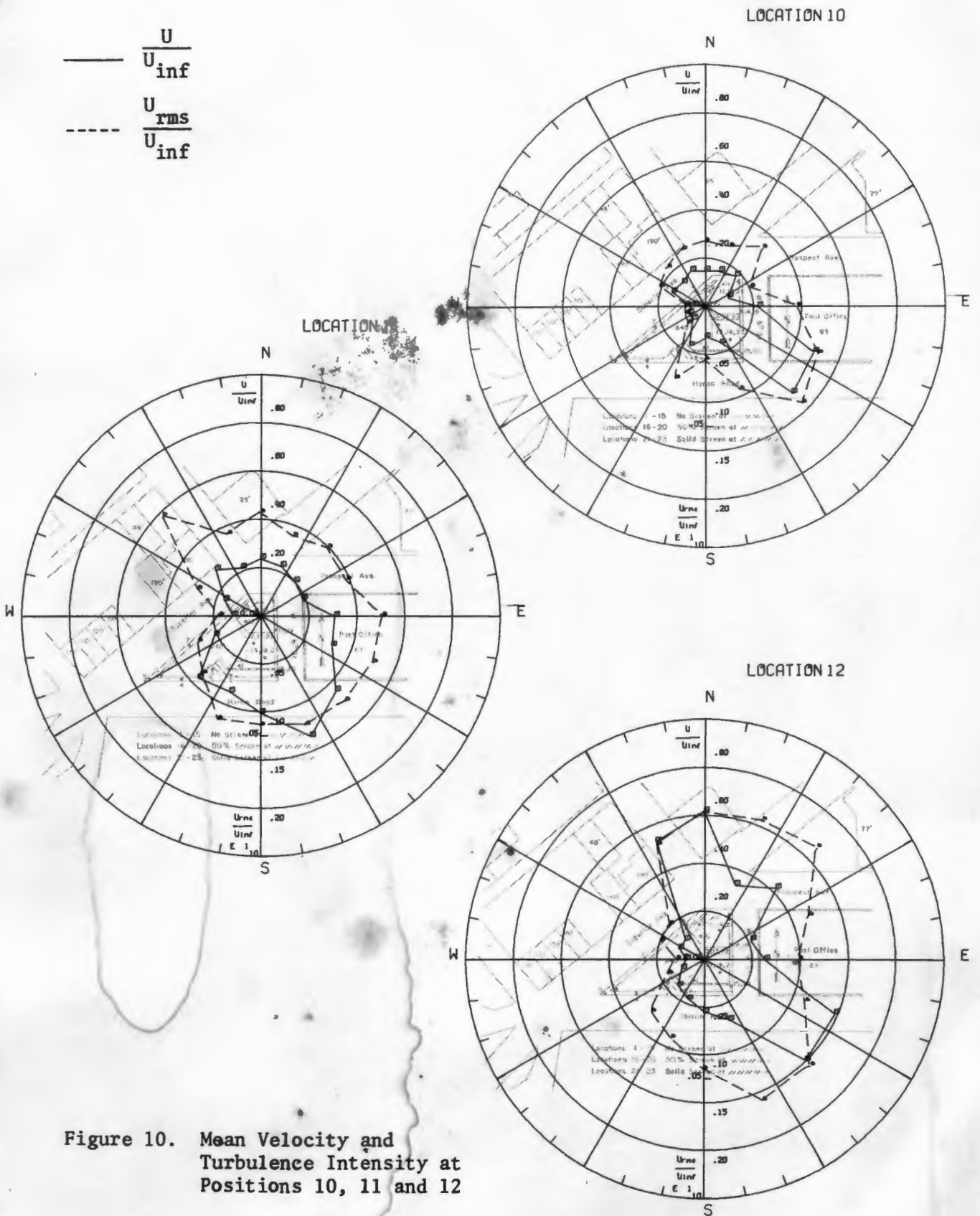


Figure 10. Mean Velocity and Turbulence Intensity at Positions 10, 11 and 12

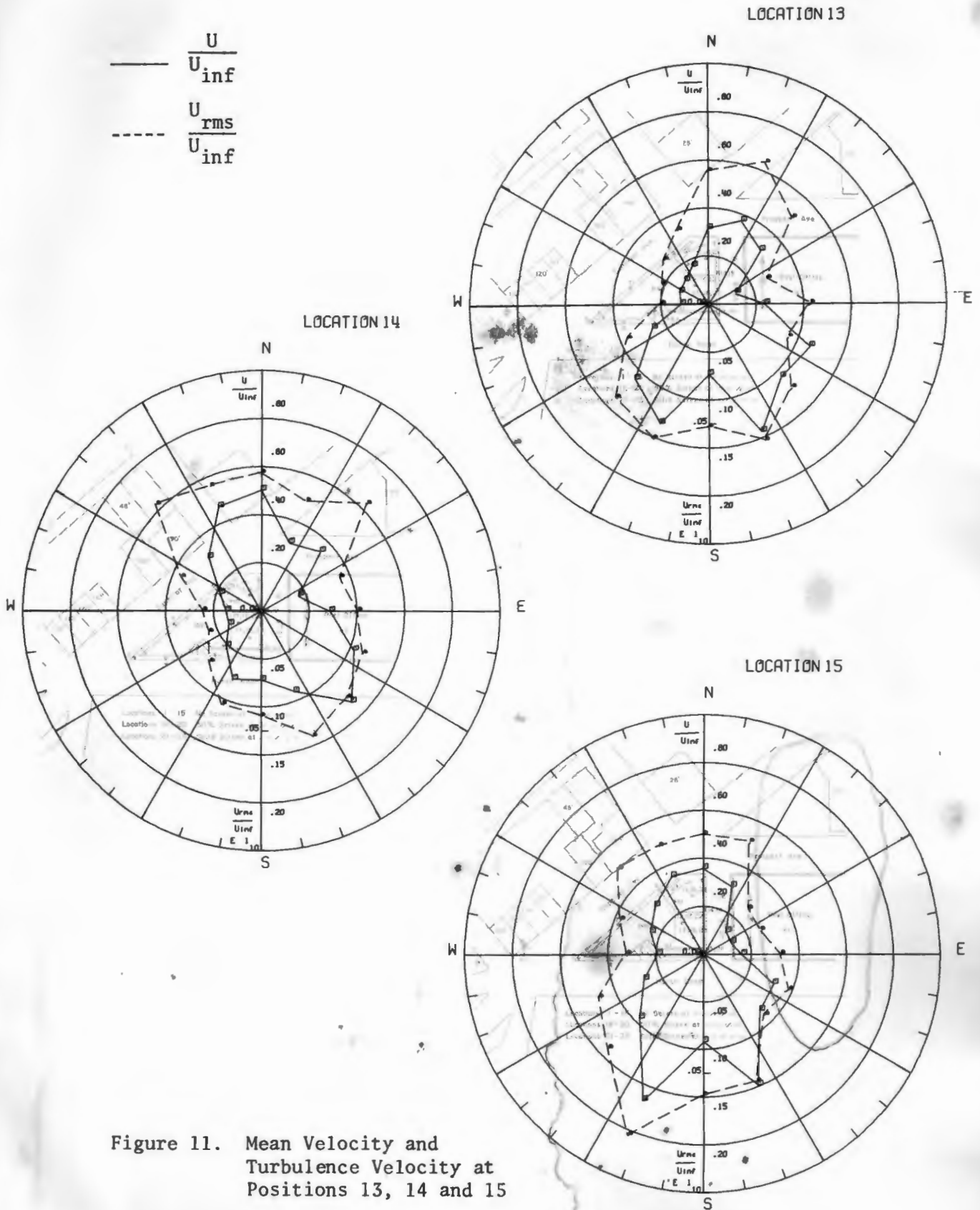


Figure 11. Mean Velocity and Turbulence Velocity at Positions 13, 14 and 15

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

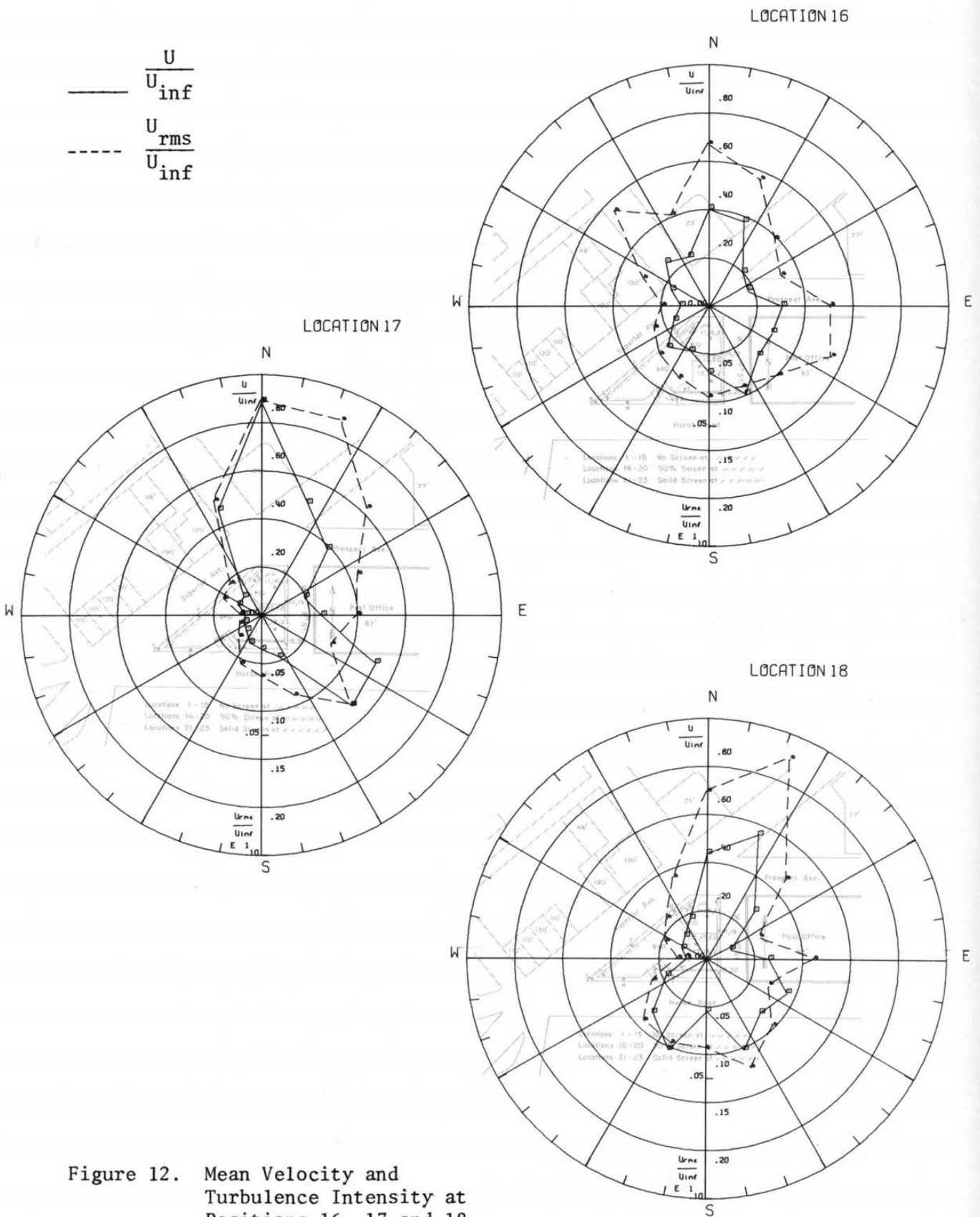


Figure 12. Mean Velocity and Turbulence Intensity at Positions 16, 17 and 18

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

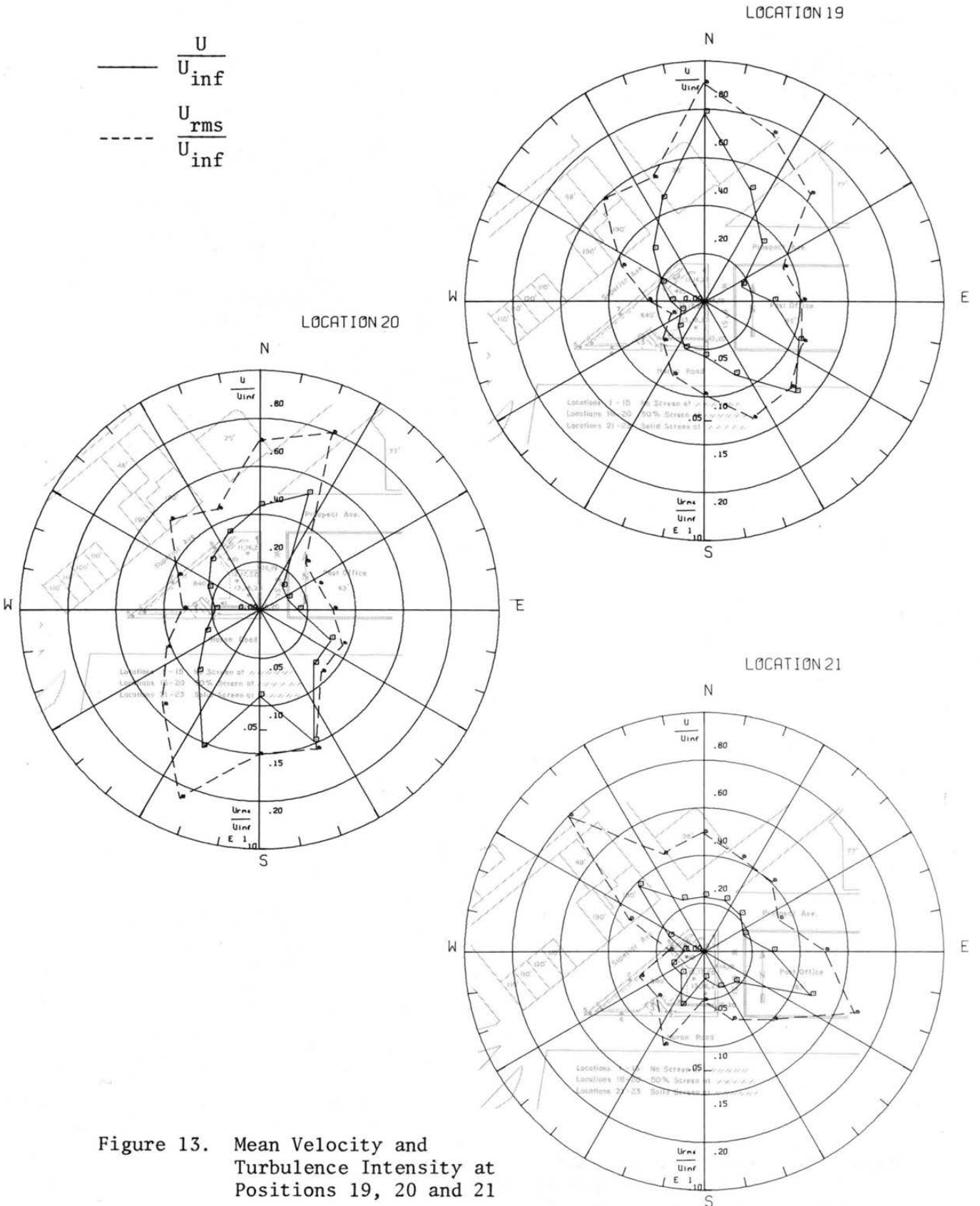
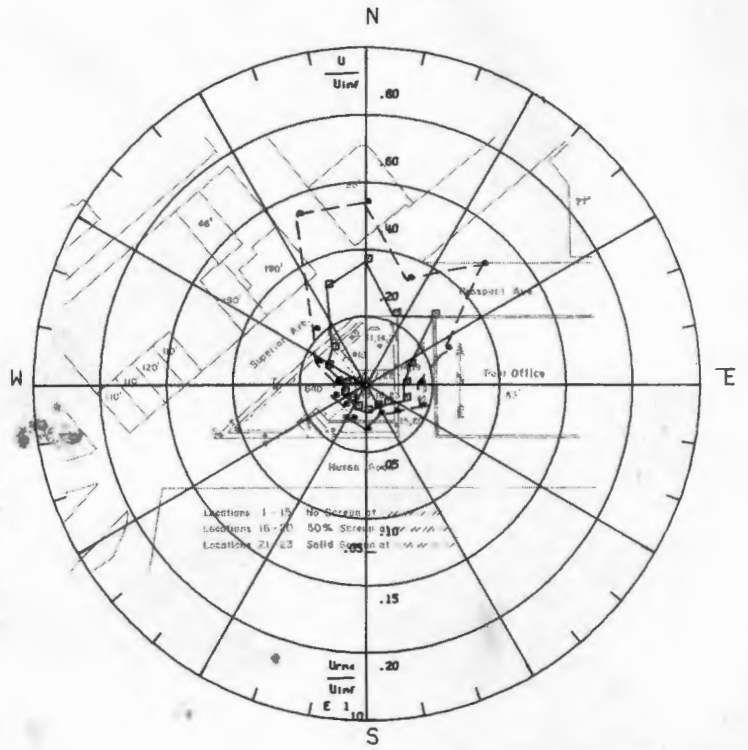


Figure 13. Mean Velocity and Turbulence Intensity at Positions 19, 20 and 21

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

LOCATION 22



LOCATION 23

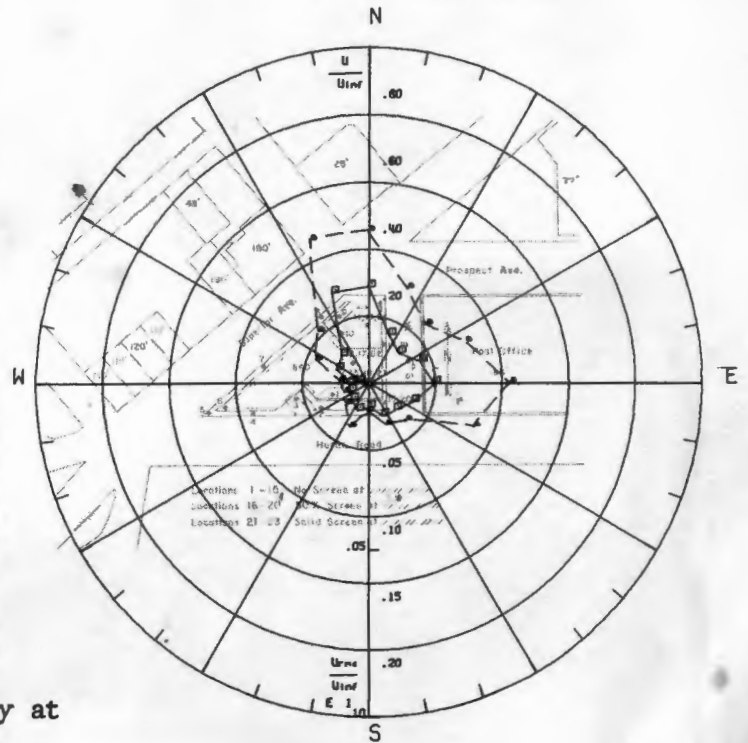


Figure 14. Mean Velocity and Turbulence Intensity at Positions 22 and 23

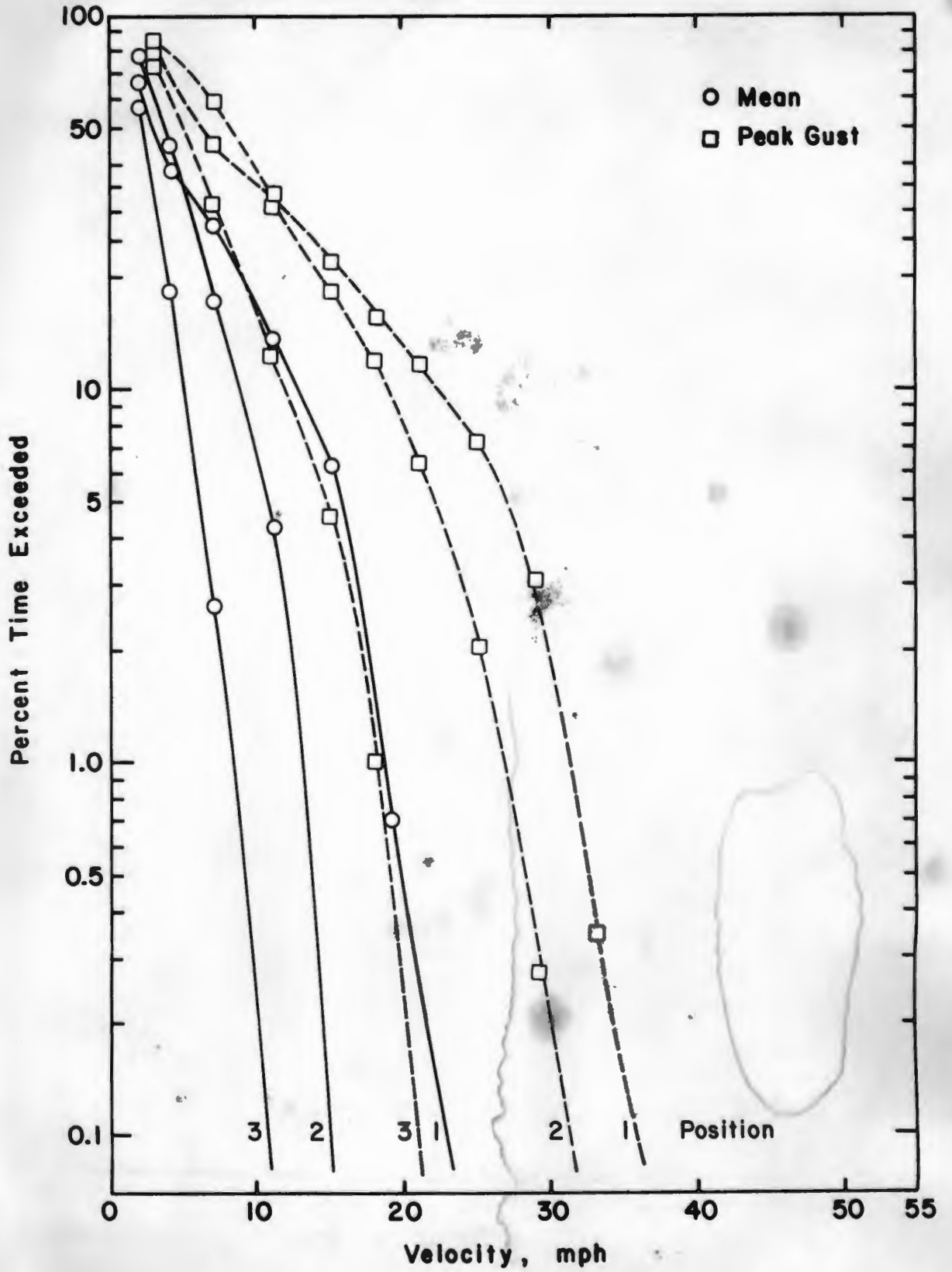


Figure 15. Wind Velocity Probabilities for Positions 1, 2, and 3

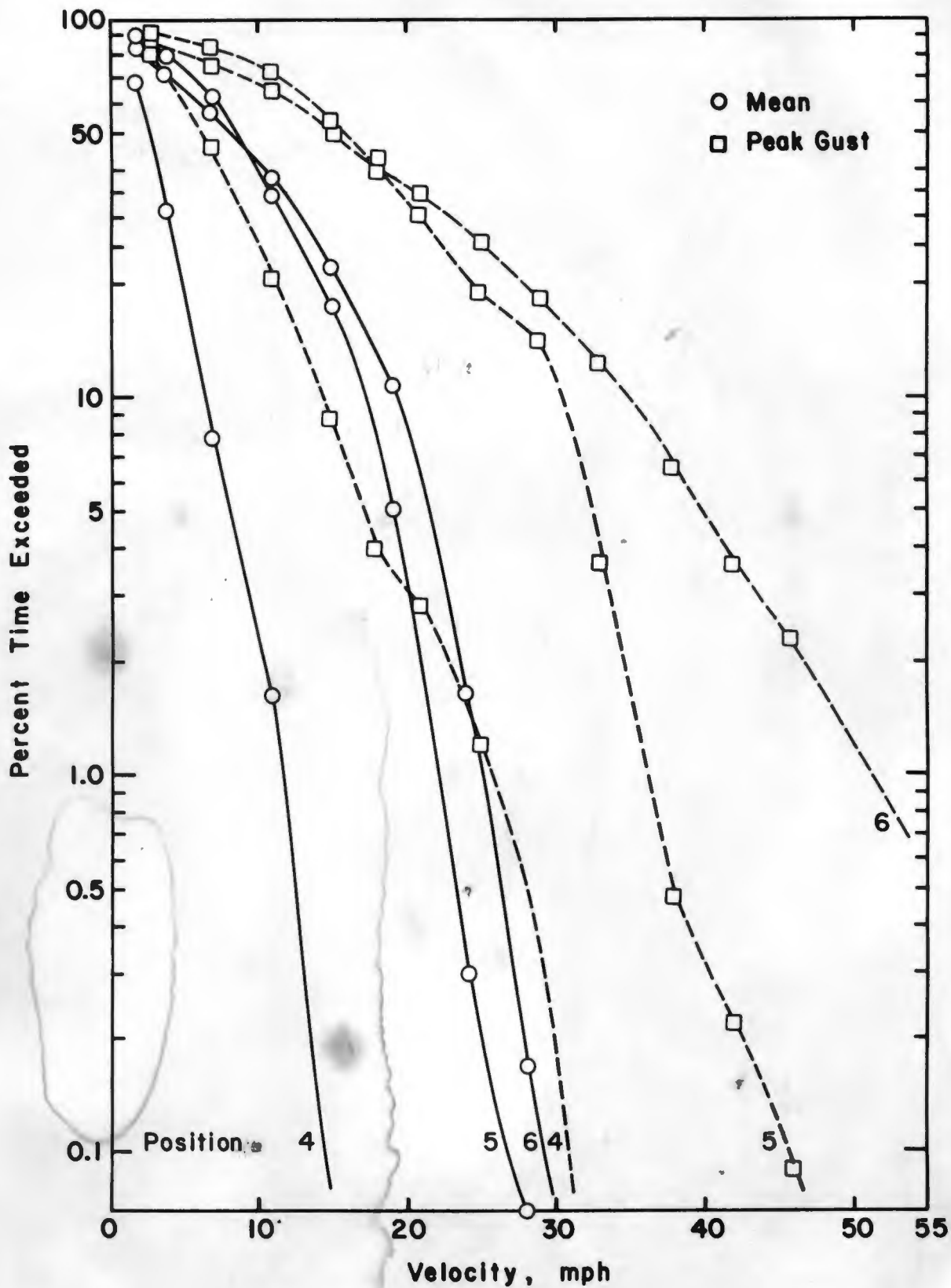


Figure 16. Wind Velocity Probabilities for Positions 4, 5, and 6

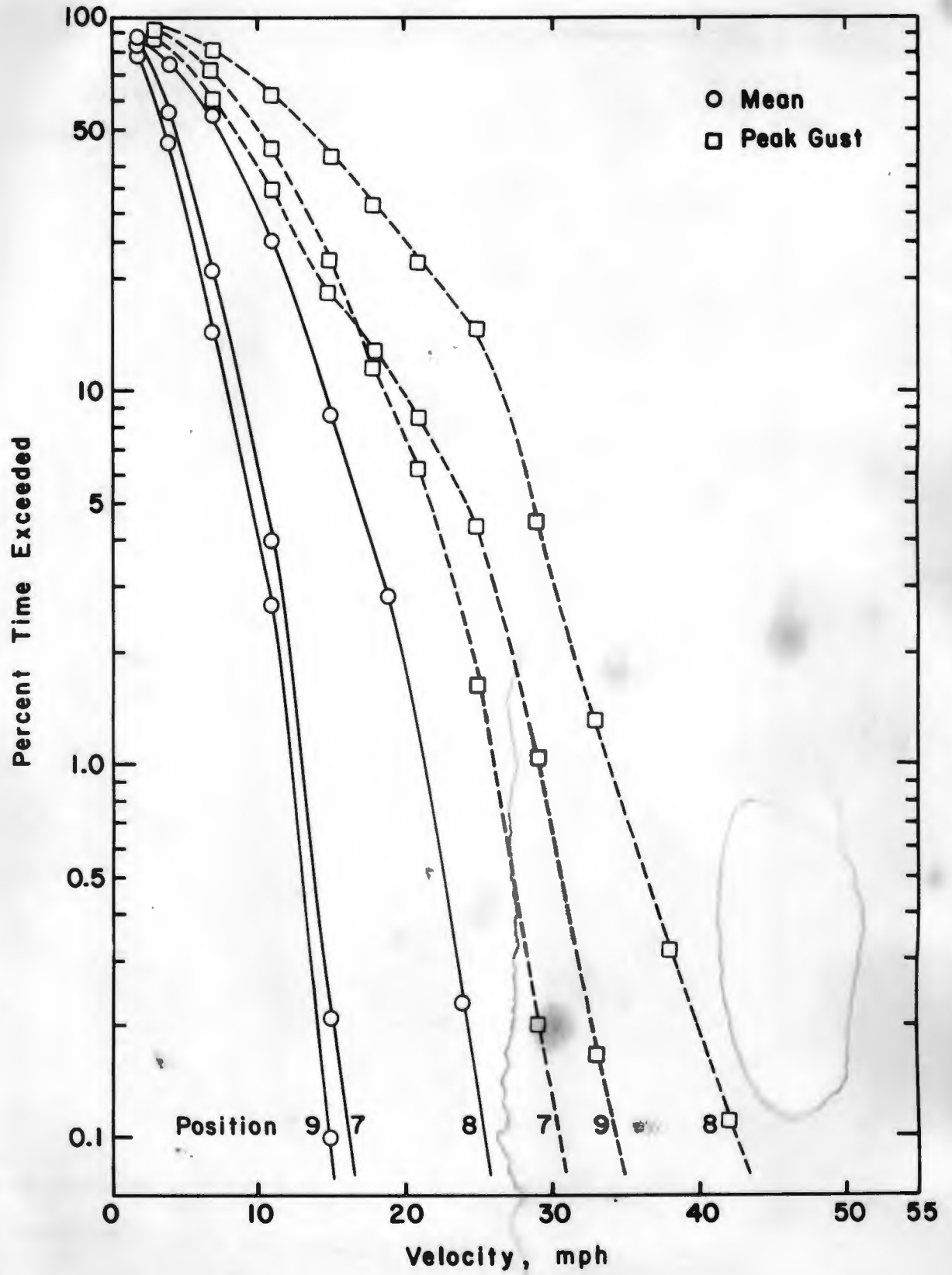


Figure 17. Wind Velocity Probabilities for Positions 7, 8, and 9

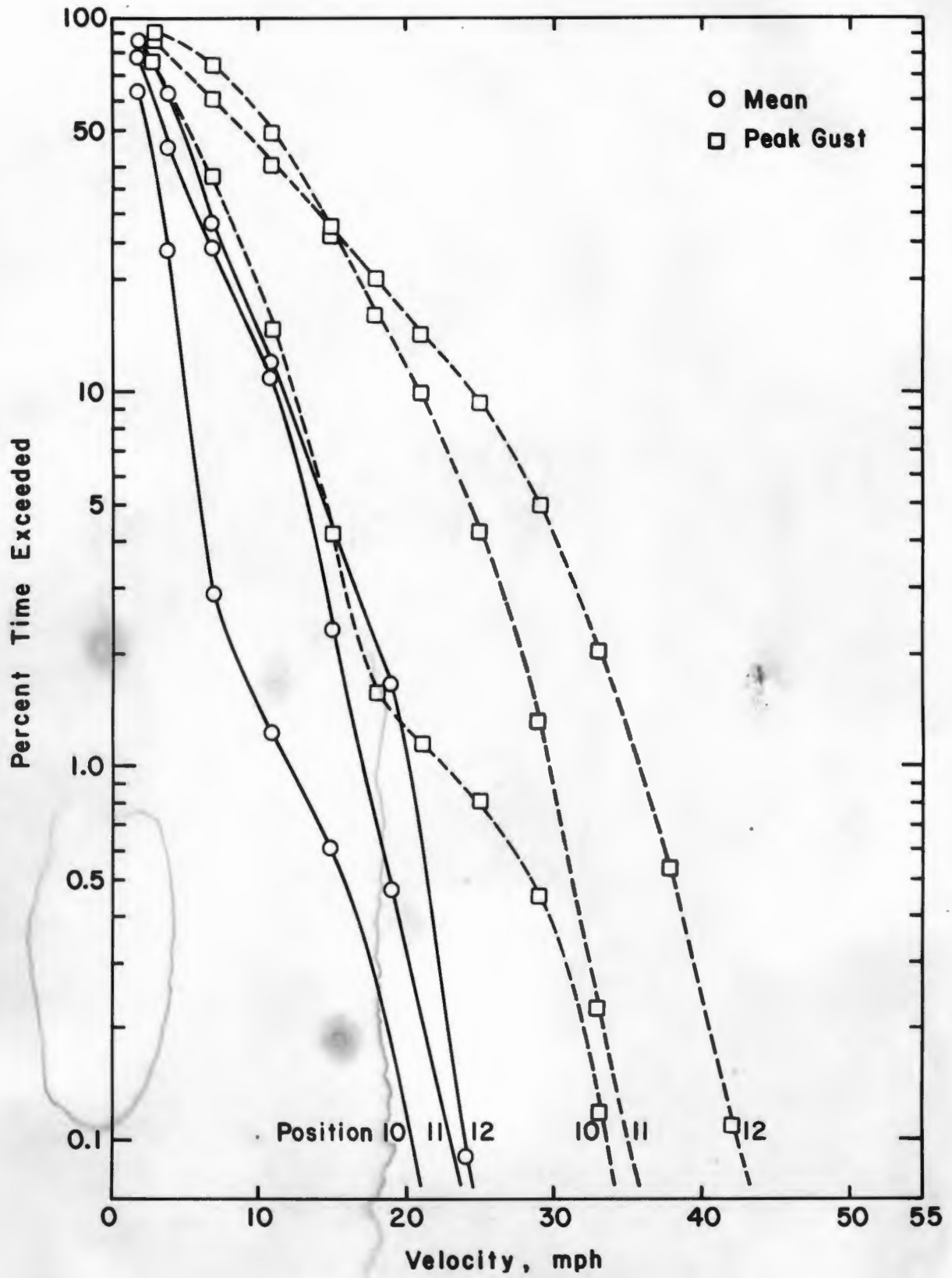


Figure 18. Wind Velocity Probabilities for Positions 10, 11, and 12

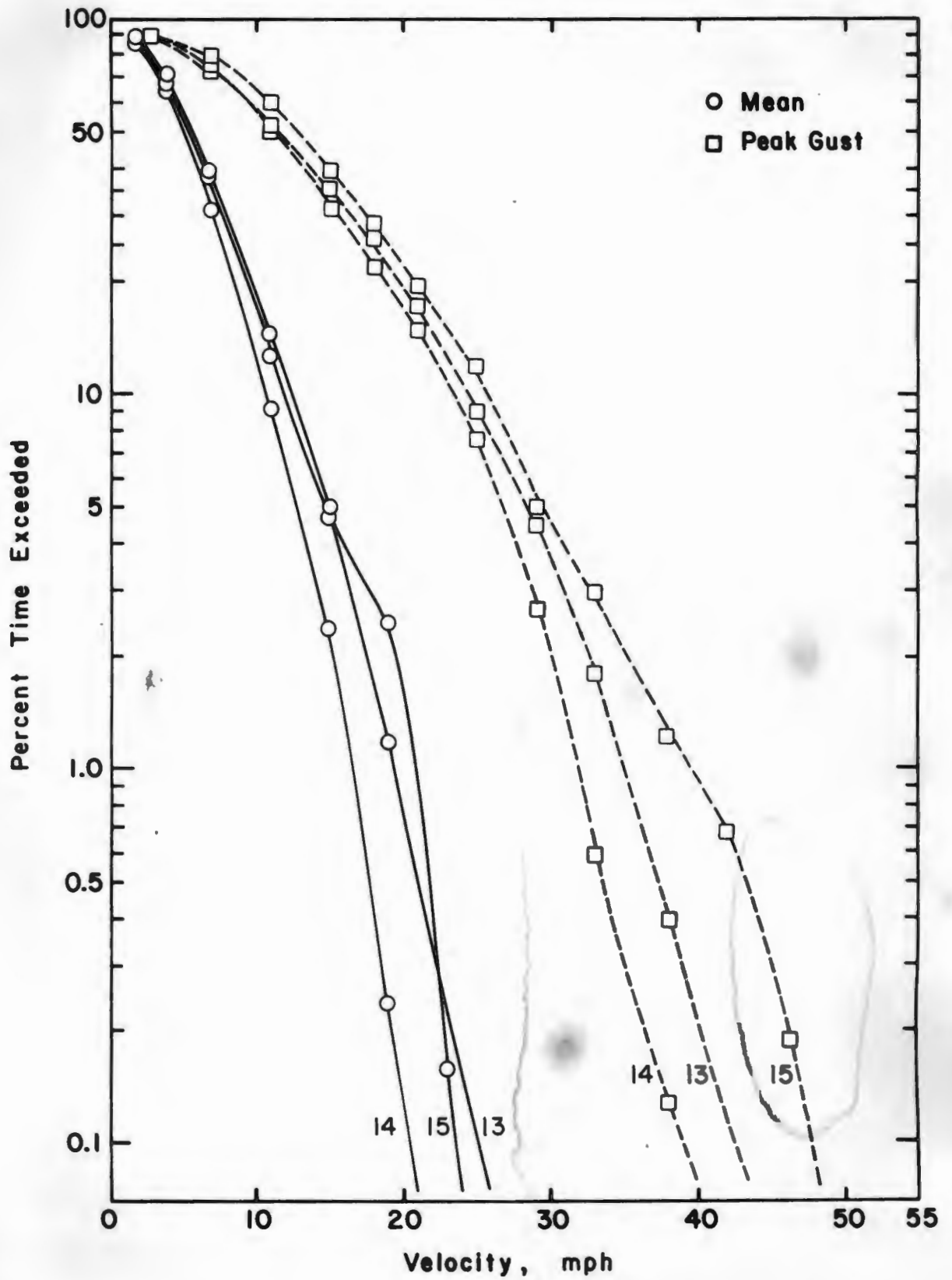


Figure 19. Wind Velocity Probabilities for Positions 13, 14, and 15

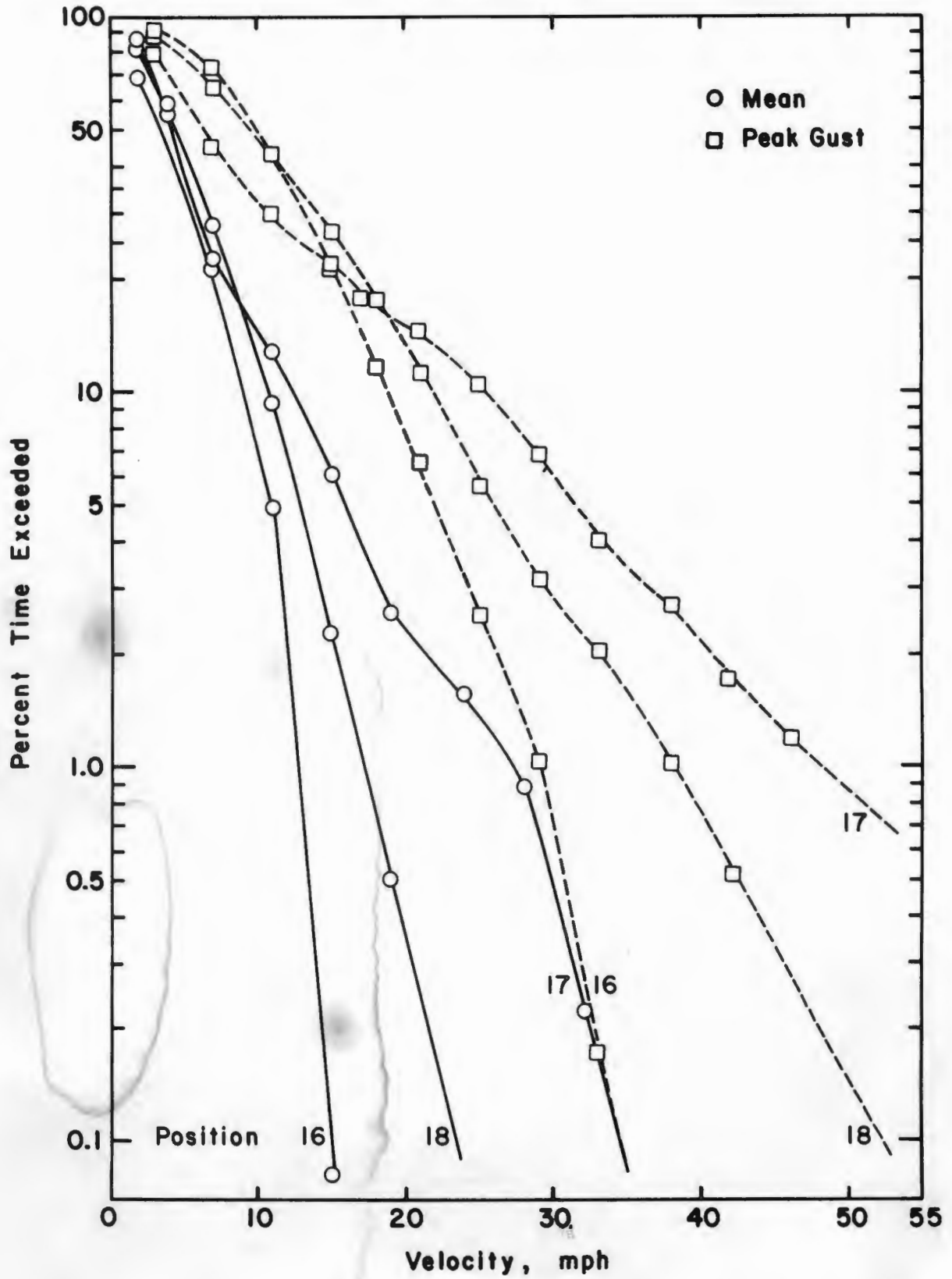


Figure 20. Wind Velocity Probabilities for Positions 16, 17, and 18

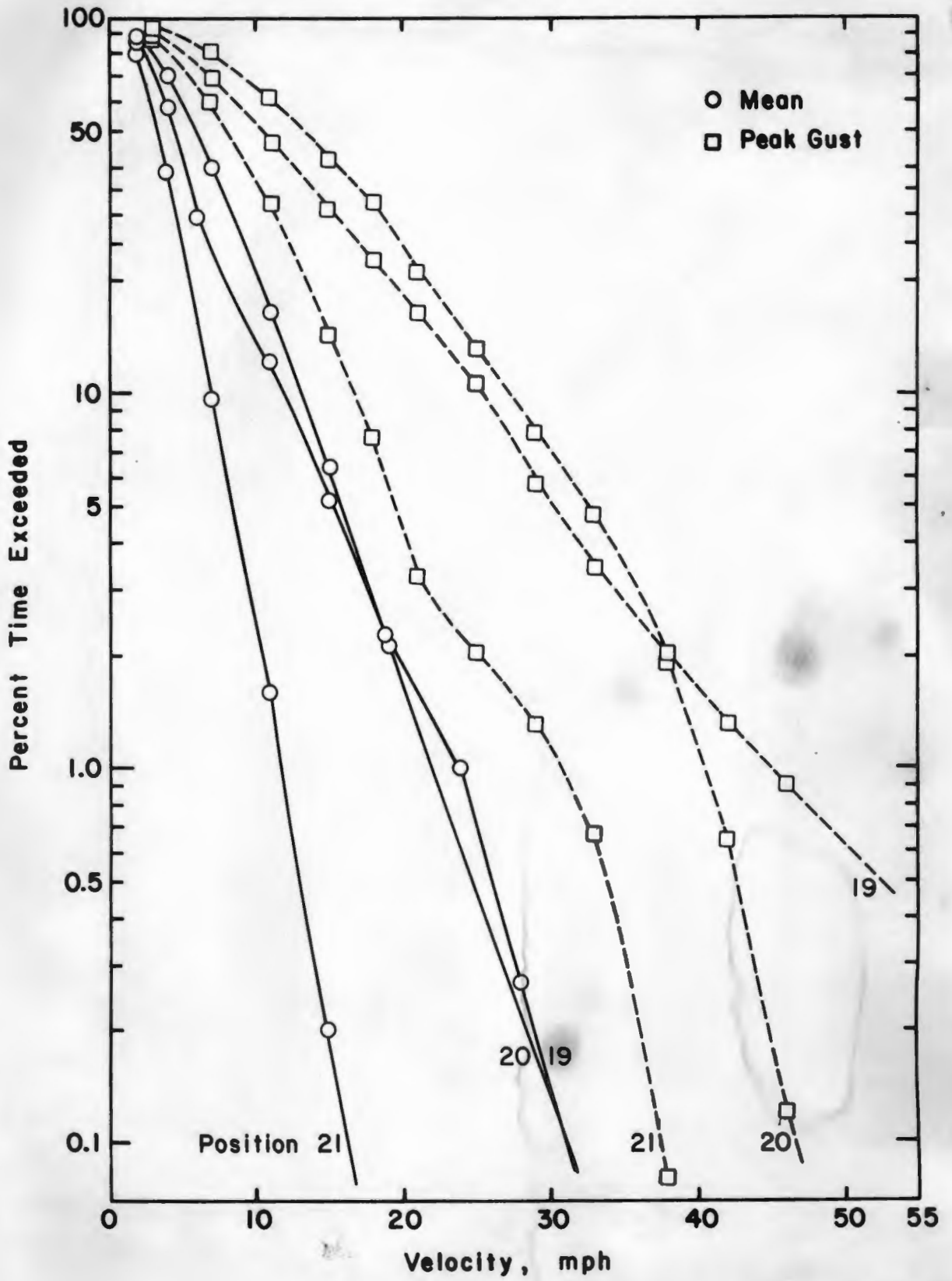


Figure 21. Wind Velocity Probabilities for Positions 19, 20, and 21

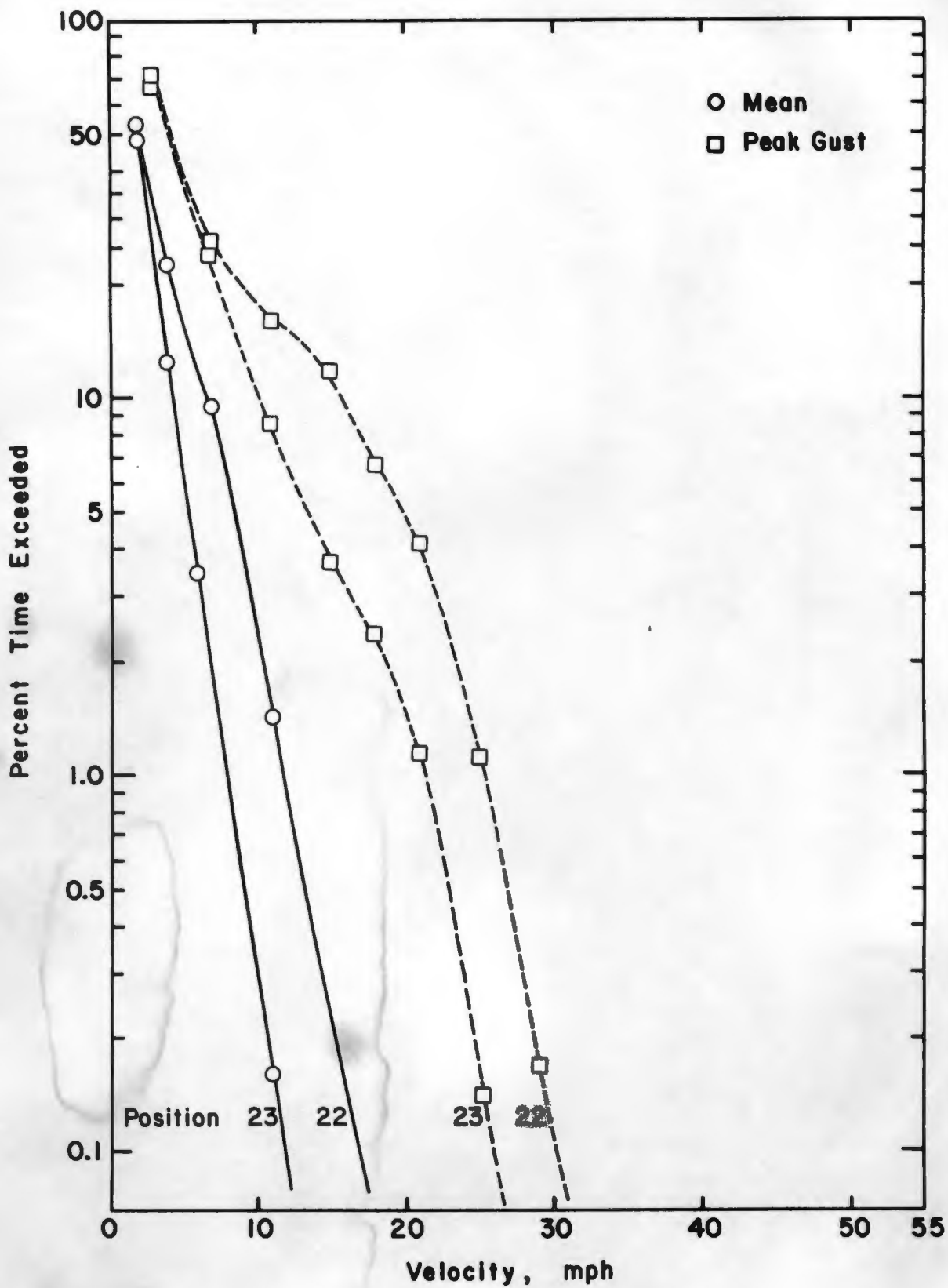


Figure 22. Wind Velocity Probabilities for Positions 22 and 23

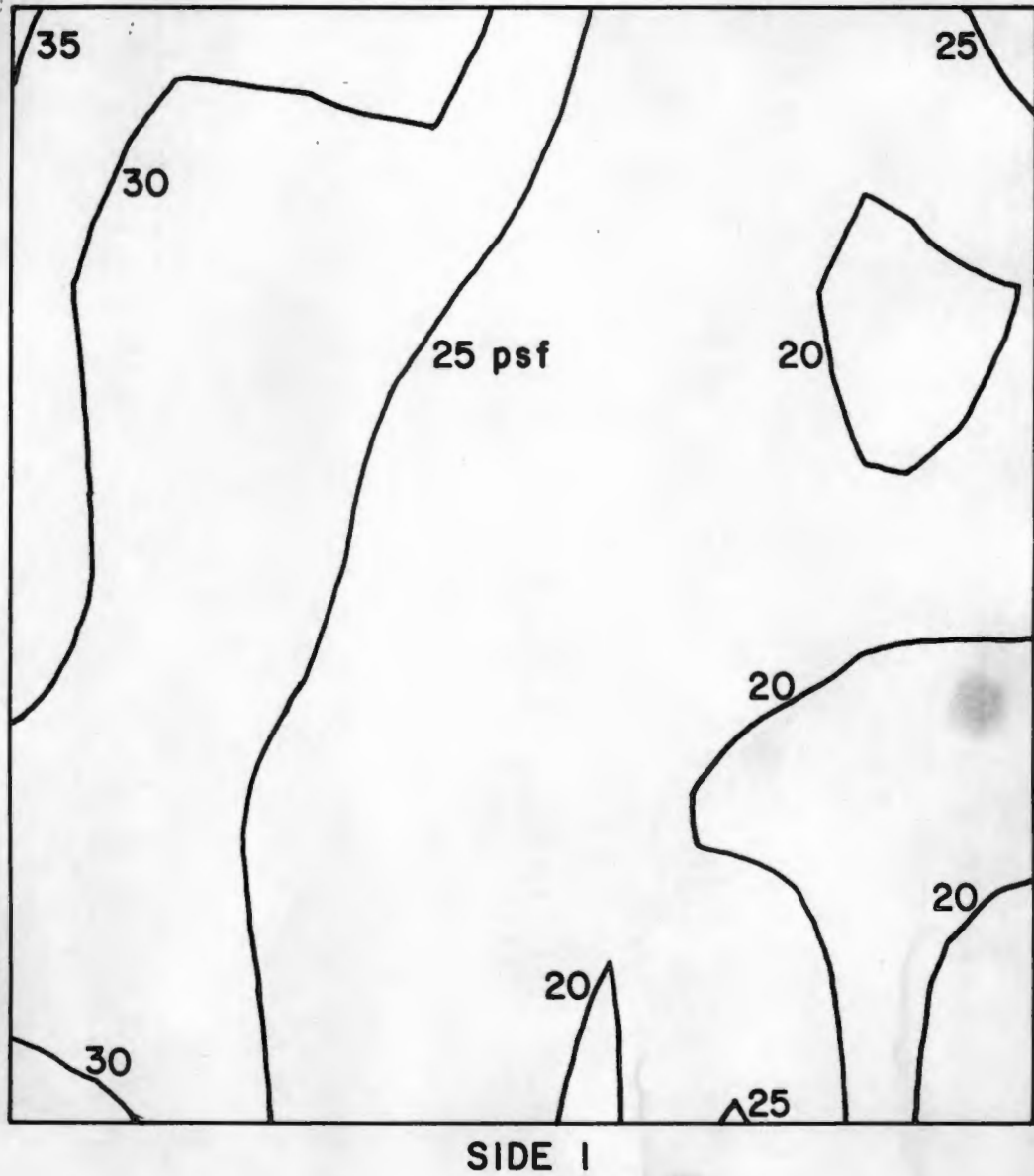


Figure 23. Peak Pressures on Side 1, State Office Building

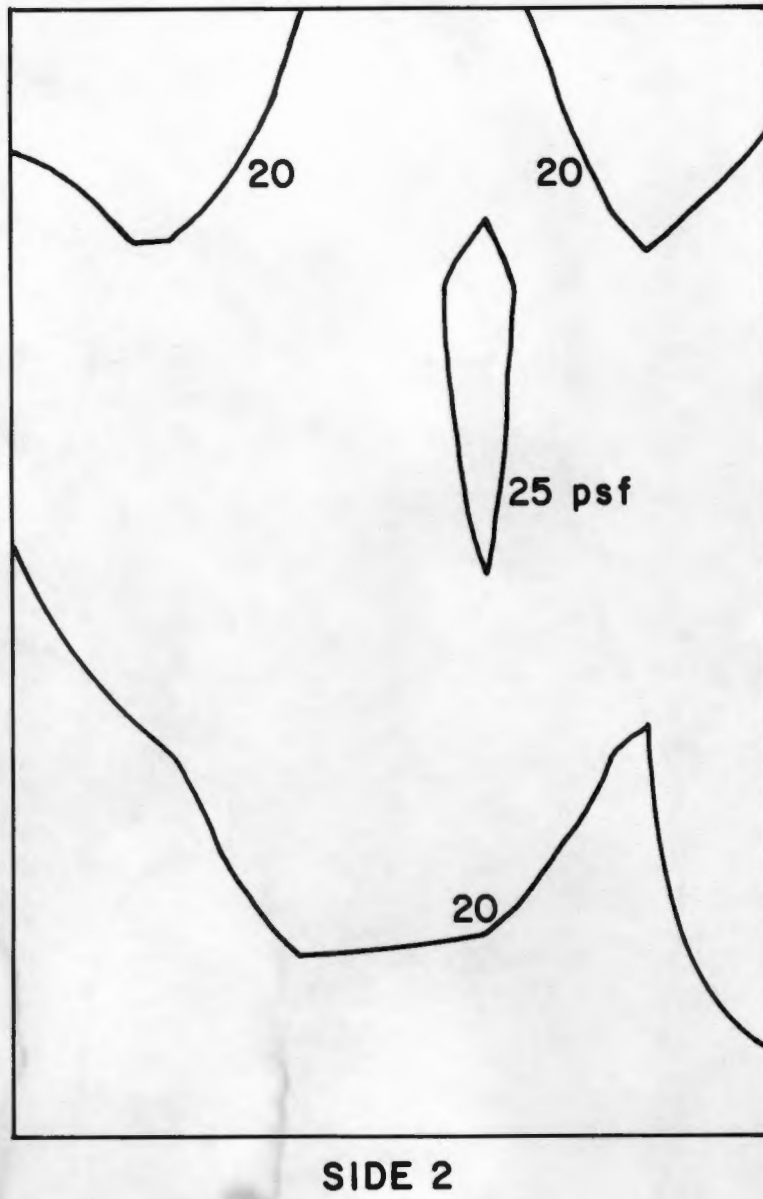


Figure 24. Peak Pressures on Side 2, State Office Building

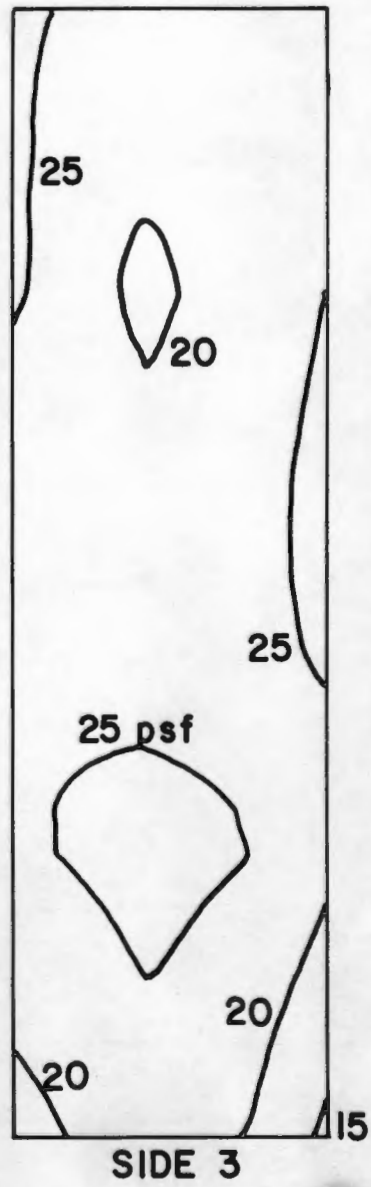


Figure 25. Peak Pressures on Side 3, State Office Building

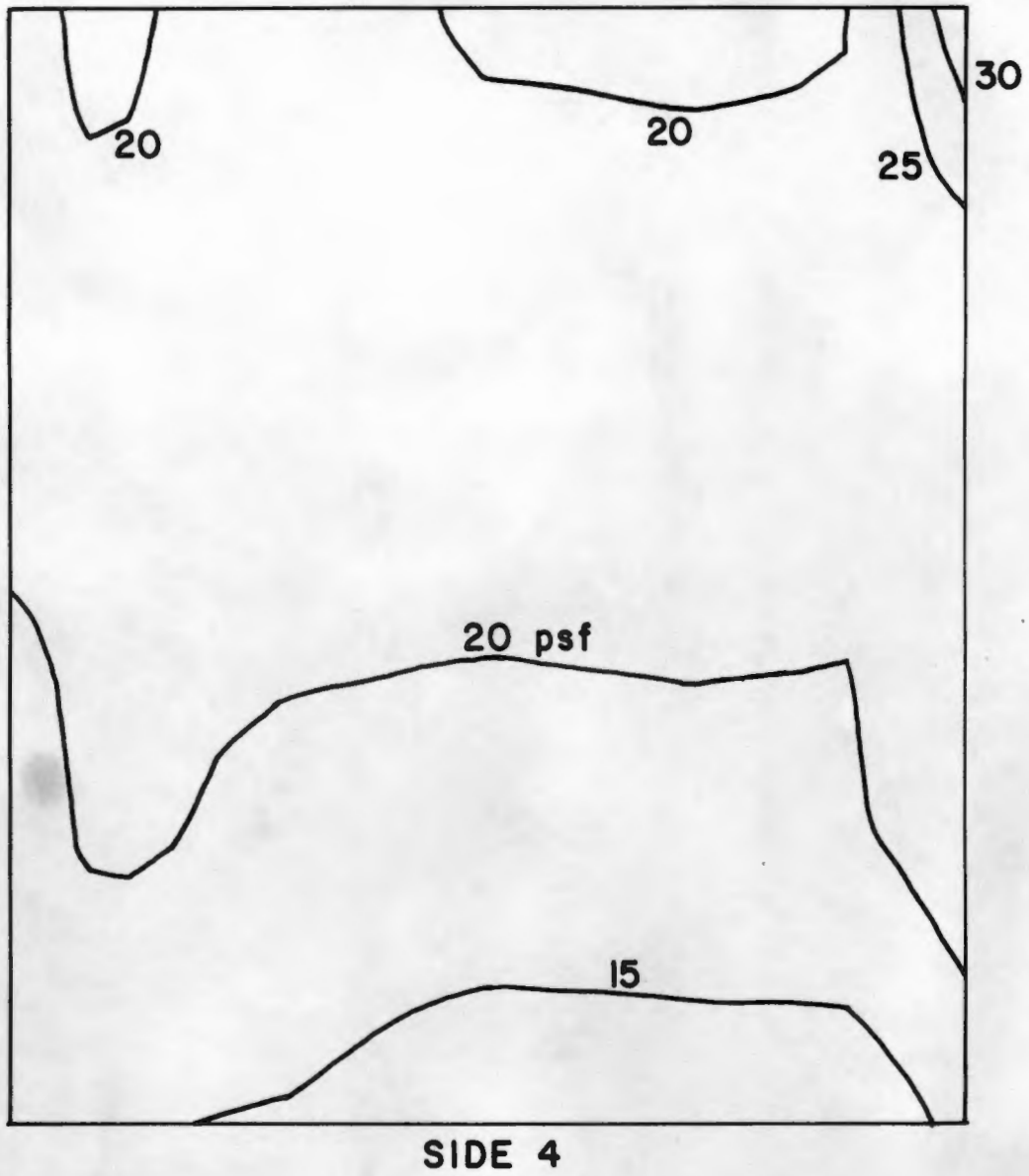


Figure 26. Peak Pressure Contours on Side 4, State Office Building

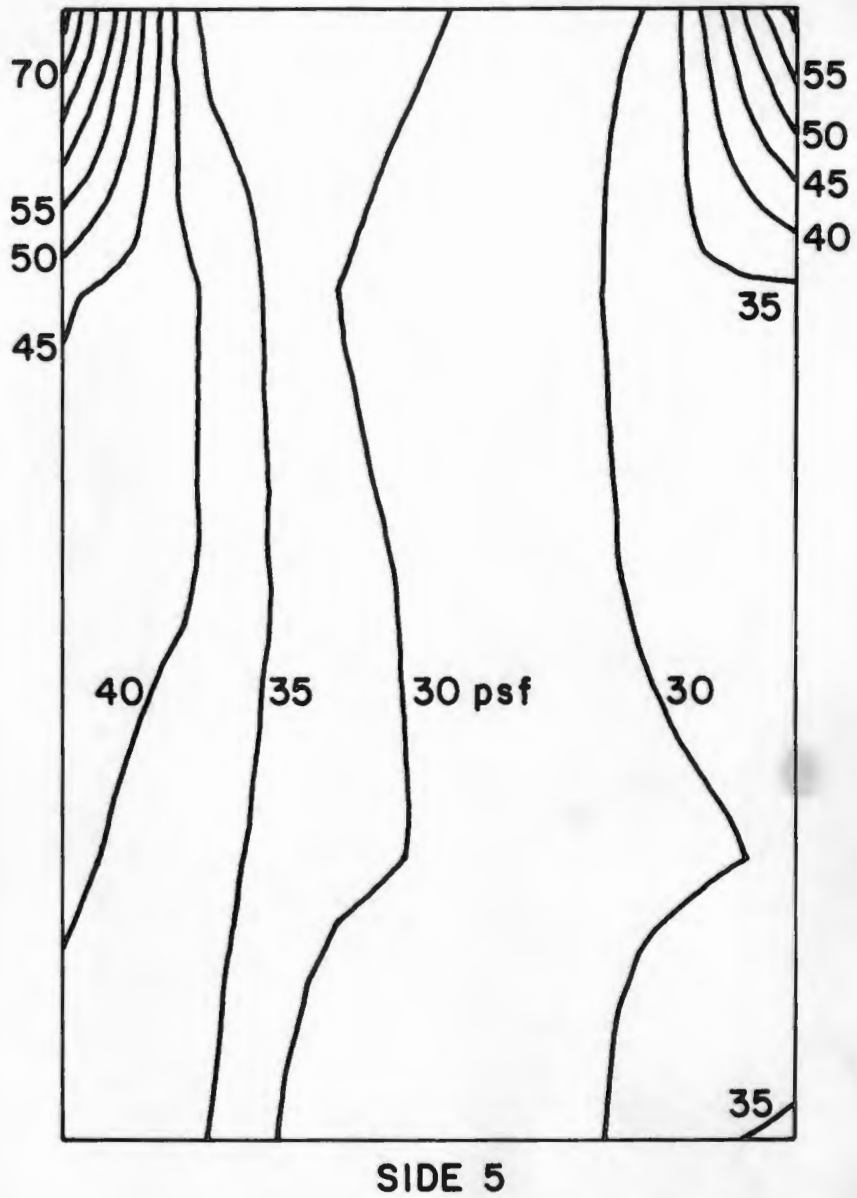
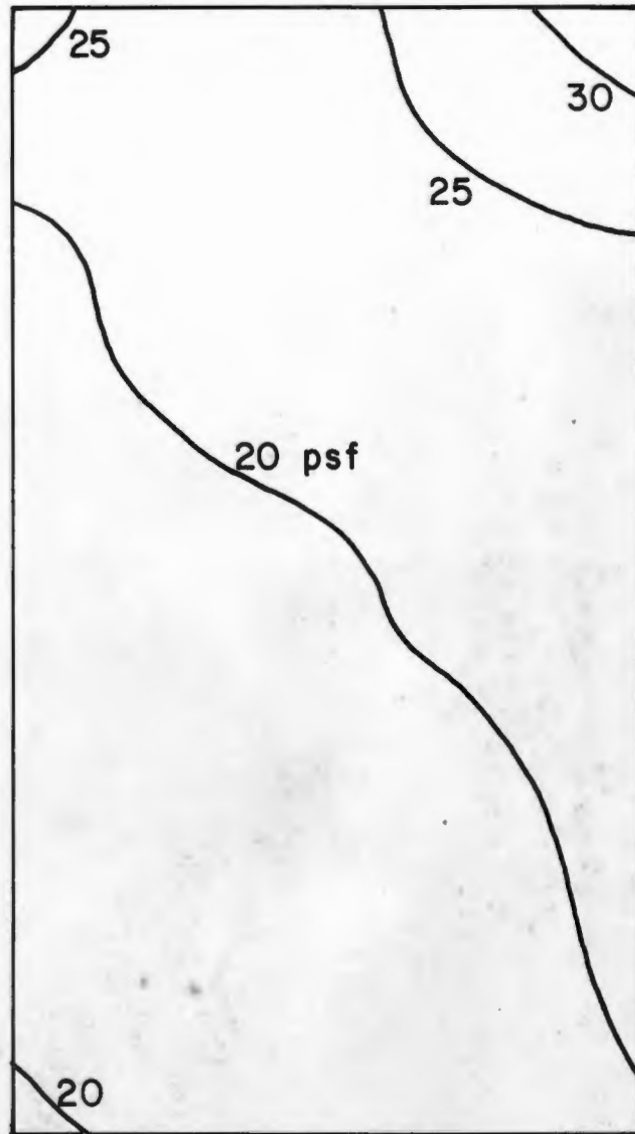


Figure 27. Peak Pressures on Side 5, State Office Building



SIDE 6

Figure 28. Peak Pressures on Side 6, State Office Building

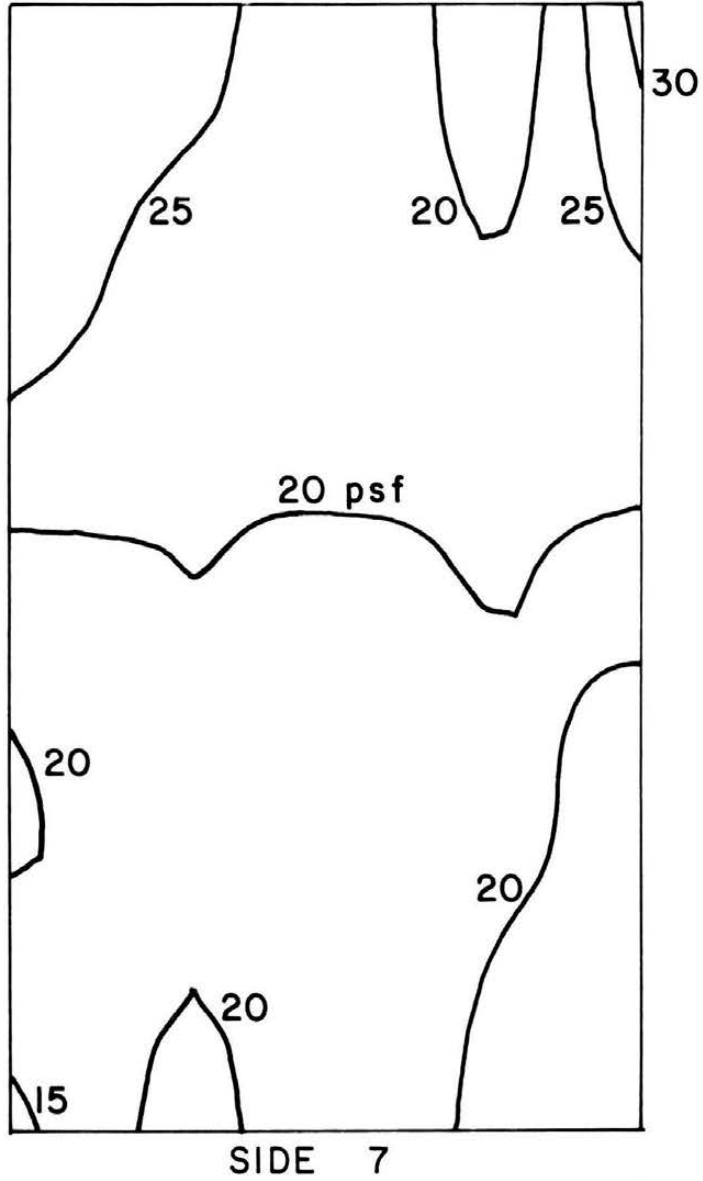


Figure 29. Peak Pressures on Side 7, State Office Building

#489164

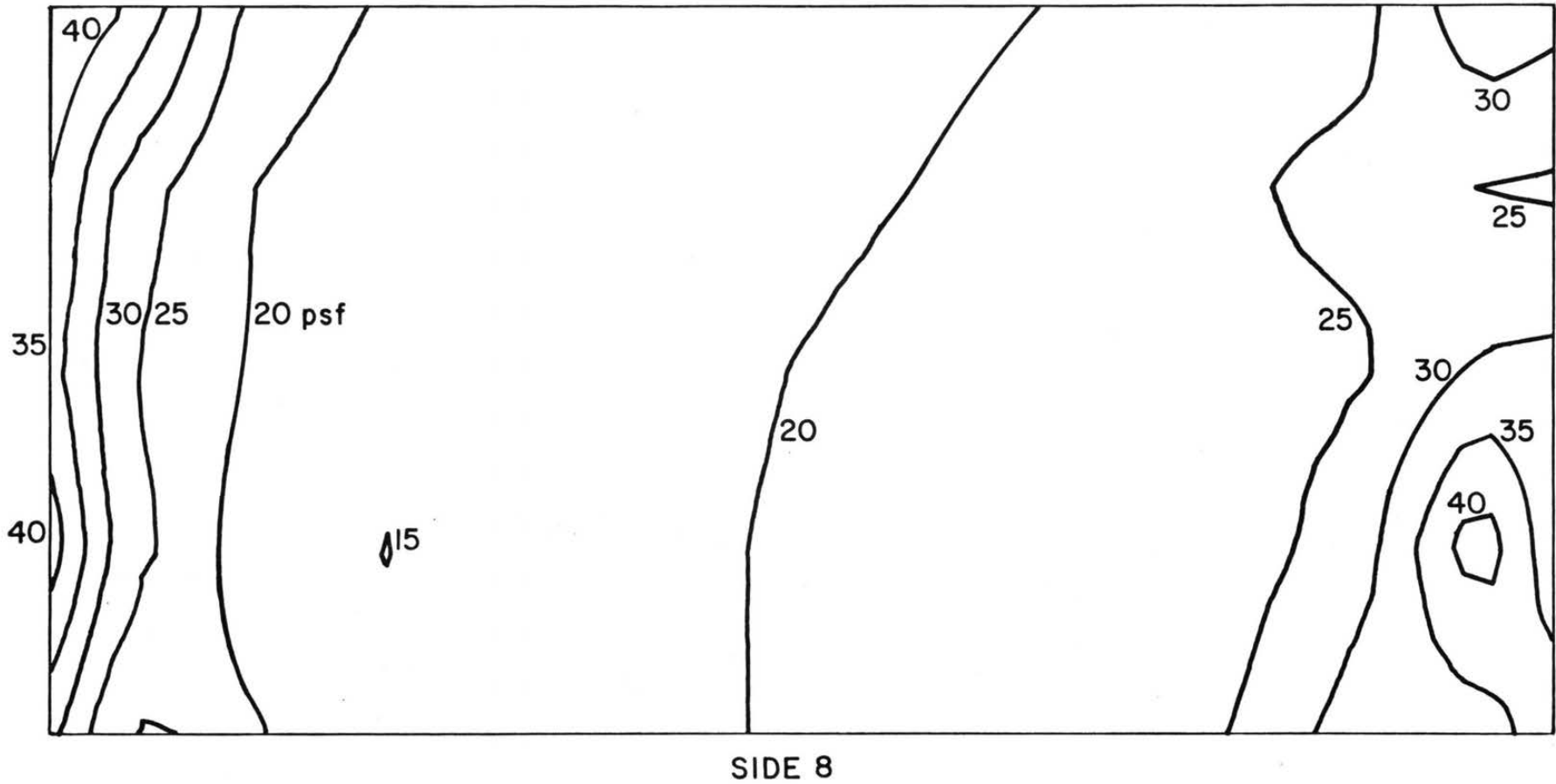


Figure 30. Peak Pressures on Side 8
State Office Building