

FAY
CG
CER 79-80/42

COPY 2

C. E. - A. A. COPY

WIND-TUNNEL STUDY OF
MUSEUM TOWER, MUSEUM
OF MODERN ART, NEW YORK
by
J. A. Peterka* and J. E. Cermak**



Engineering Sciences

1980

Library

**FLUID MECHANICS AND
WIND ENGINEERING PROGRAM**

COLLEGE OF ENGINEERING

**COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO**

0-10-89 M. JER-VEG 42

WIND-TUNNEL STUDY OF
MUSEUM TOWER, MUSEUM
OF MODERN ART, NEW YORK

by

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

for

Edward Durell Stone Associates and
Architects and Planners
4 East 79th Street
New York, NY 10021

Gruen Associates
257 Park Avenue South
New York, NY 10010

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

January 1980

Engineering Science

MAR 8 1980

Branch Library

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

CER79-80JAP-JEC42



TABLE OF CONTENTS

<u>Chapter</u>		<u>Page</u>
	LIST OF FIGURES	iii
	LIST OF TABLES	iv
	LIST OF SYMBOLS	v
1	INTRODUCTION	1
	1.1 General	1
	1.2 The Wind-Tunnel Test	2
2	EXPERIMENTAL CONFIGURATION	5
	2.1 Wind Tunnel	5
	2.2 Model	5
3	INSTRUMENTATION AND DATA ACQUISITION	8
	3.1 Flow Visualization	8
	3.2 Pressures	8
	3.3 Velocity	10
4	RESULTS	12
	4.1 Flow Visualization	12
	4.2 Velocity	12
	4.3 Pressures	15
	4.4 Force and Moment Coefficients	19
5	DISCUSSION	21
	REFERENCES	26
	FIGURES	27
	TABLES	76
	APPENDIX A	164

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1	Fluid Dynamics and Diffusion Laboratory	28
2	Wind Tunnel Configuration	29
3	Pressure Tap Locations	30
4	Building Location and Pedestrian Wind Velocity Measuring Positions	40
5	Completed Model in Wind Tunnel	41
6	Data Sampling Time Verification	42
7	Mean Velocity and Turbulence Profiles Approaching the Model	43
8	Mean Velocities and Turbulence Intensities at Pedestrian Locations	44
9	Wind Velocity Probabilities for Pedestrian Locations . .	54
10	Contours of Peak External Pressures	60
11	Contours of Peak Pressure Including Effects of Operable Windows	68

LIST OF TABLES

<u>Table</u>		<u>Page</u>
1	Motion Picture Scene Guide	77
2	Pedestrian Wind Velocities and Turbulence Intensities	78
3	Annual Percentage Frequencies of Wind Direction and Speed	84
4	Summary of Wind Effects on People	85
5	Calculation of Reference Pressure	86
6	Maximum Pressure Coefficients and Loads in PSF	87
7	Force and Moment Coefficients and Loads	91

LIST OF SYMBOLS

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

<u>Symbol</u>	<u>Definition</u>	
F_x, F_y	Forces in X,Y direction	
M_x, M_y, M_z	Moments about X,Y,Z axes	
A_R	Reference Area	
L_R	Reference Length	
CF_X	Force coefficient, X direction,	$\frac{F_x}{A_R 0.5\rho U_\infty^2}$
CF_Y	Force coefficient, Y direction,	$\frac{F_y}{A_R 0.5\rho U_\infty^2}$
CM_X	Moment coefficient, X axis,	$\frac{M_x}{A_R H_R 0.5\rho U_\infty^2}$
CM_Y	Moment coefficient, Y axis,	$\frac{M_y}{A_R H_R 0.5\rho U_\infty^2}$
CM_Z	Moment coefficient, Z axis,	$\frac{M_z}{A_R H_R 0.5\rho U_\infty^2}$

1. INTRODUCTION

1.1 General

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

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

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

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

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

1.2 The Wind Tunnel Test

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

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

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

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

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

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

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

2. EXPERIMENTAL CONFIGURATION

2.1 Wind Tunnel

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

2.2 Model

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

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

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

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

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

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

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

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

3. INSTRUMENTATION AND DATA ACQUISITION

3.1 Flow Visualization

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

3.2 Pressures

Mean and fluctuating pressures are measured at each of the pressure taps on the model structure. Data are obtained for 36 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing each 18 in. long are used to connect 76 pressure ports at a time to an 80 tap pressure switch mounted inside the model. The switch was designed and fabricated in the Fluid Dynamics and Diffusion Laboratory to minimize the attenuation of pressure fluctuations across the switch. Each of the 76 measurement ports is directed in turn by the switch to one of four pressure transducers mounted close to the switch. The four pressure input taps not used for transmitting building surface pressures are connected to a common tube leading outside the wind tunnel. This arrangement provides both a means of performing in-place calibration of the transducers and, by connecting this tube to a pitot tube mounted inside the wind tunnel, a means of automatically monitoring the tunnel speed. The switch is operated by

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

The pressure transducers used are 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 is approximately 2,000 Hz. This is sufficiently high that transducer resonance effects on the measured pressures can be ignored. Reference pressures are 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 measures the instantaneous difference between the local pressures on the surface of the building and the static pressure in the free stream above the model.

Each pressure transducer contains a built-in bridge similar to a Wheatstone Bridge. The bridge is monitored by a Honeywell Accudata 118 Gage Control/Amplifier unit which provides excitation to the transducer bridge and amplifies the bridge output. These instruments are characterized by a very stable excitation voltage and amplifier gain. Output from the Honeywell signal conditioners is fed to an on-line data acquisition system consisting of a Hewlett-Packard 21 MX computer, disk unit, card reader, printer, Digi-Data digital tape drive and a Preston Scientific analog-to-digital convertor. The data are processed immediately into pressure coefficient form as described in Section 4.3 and stored for printout or further analysis.

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

3.3 Velocity

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

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

located about a block away, is also tested. These data are helpful in evaluating the degree of pedestrian comfort or discomfort in the proposed plaza area in terms of the undisturbed environment in the immediate vicinity.

Measurements are made with a single hot-wire anemometer mounted with its axis vertical. The instrumentation used is a Thermo Systems constant temperature anemometer (Model 1050) with a 0.001 in. dia platinum film sensing element 0.020 in. long. Output is read from a digital voltmeter with a time-constant circuit for mean voltage and a DISA RMS meter (Model 55035) for rms voltage.

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

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

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

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

where E_{rms} is the root-mean-square voltage output from the anemometer. For interpretation all turbulence measurements were divided by the mean velocity outside the boundary-layer U_{∞} .

4. RESULTS

4.1 Flow Visualization

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

4.2 Velocity

Velocity and turbulence profiles are shown in Figures 7a and 7b. These profiles were taken upstream from the model and are characteristic of the boundary-layer approaching the model. As shown in Figure 7a, the boundary-layer thickness, δ , was 50 in. The corresponding prototype value of δ for this study is shown in Figure 7a. This value was established as a reasonable height for this study. The mean velocity profile has the form

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

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

The profile of longitudinal turbulence intensity is shown in Figure 7b. The turbulence intensities are appropriate for the approach mean velocity profile selected. For the purpose of this report, turbulence intensity is defined as the root-mean-square about the mean of the longitudinal velocity fluctuations divided by the reference mean velocity

U_{∞} at the outer edge of the boundary layer,

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

A 'peak' velocity representing roughly the largest effective gust velocity was calculated,

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

Mean velocity U/U_{∞} , turbulence intensity U_{rms}/U_{∞} , and largest effective gust at the pedestrian measuring positions shown in Figure 4 are listed in Table 2 for 16 wind directions and are plotted in polar form in Figures 8a, 8b, etc. Measurements were taken 5 to 7 ft above the ground surface. A site map is superimposed on the polar plots to aid in visualization of the effects of the nearby structures on the velocity and turbulence magnitudes. An analysis of these wind data is given in Section 5.2.

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

Interpretation of Figure 9 is aided by a description of the effects of wind of various magnitudes on people. The earliest quantitative description of wind effects was established by Sir Francis Beaufort in 1806 for use at sea and is still in use today. Several recent investigators have added to the knowledge of wind effects on pedestrians. These investigations along with suggested criteria for acceptance have been summarized by Penwarden and Wise (4). The Beaufort scale, based on mean velocity only, is reproduced as Table 4 including qualitative descriptions of wind effects. Table 4 suggests that mean wind speeds below 12 mph are of minor concern and that mean speeds above 24 mph are definitely inconvenient. Included in Section 5.2 is an analysis of the percent of time that the 12 and 24 mph magnitude are exceeded by mean winds and implications for pedestrian comfort.

The peak gust values require a somewhat different interpretation. The peak gust curves shown in Figure 9 are the percent of time during which a short gust of the stated magnitude could occur (say 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 locations experience winds in which gusts of 35 mph or higher occur much less frequently than the 24 mph mean winds. Implications of these data are presented in Section 5.2.

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

4.3 Pressures

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

The first is the mean pressure coefficient

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

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

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

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

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

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

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

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

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

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

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

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

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

To determine the largest peak loads acting at any point on the structure for cladding design purposes, the pressure coefficients for all wind directions were searched to obtain, at each pressure tap, the largest absolute value of peak pressure coefficient. Table 6 provides these pressure coefficients and associated wind directions. Included in

Section 5.3 is an analysis of the coefficients of Table 6 including the maximum values obtained and where they occurred on the building.

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

The reference pressure associated with the design hourly mean velocity at the reference velocity location can be used directly with the peak-pressure coefficients to obtain peak local design wind loads for cladding design. For glass design pressures, a glass load factor is used to account for the different duration of measured peak pressures and the one minute loading used in glass design charts. Recent research (6) indicates that the period of application of the peak pressures reported herein is about 5-10 seconds or less. If a glass design is based on these peak values, then a glass strength associated with this

duration load is indicated. If the glass design is based on some alternate load duration--say one minute--then some reduction in peak loads should be made. An estimate of a load reduction factor can be obtained from an empirical relation of glass strength as a function of load duration (8). A glass load factor of 0.73 on the reference pressure was used to convert the short 5-10 second pressure peaks to one minute loads typically cited in glass selection charts.

Local, instantaneous peak loads on the full-scale building suitable for cladding design were computed by multiplying the reference pressure of Table 5 by the peak coefficients of Table 6. Loadings appropriate for glass design were computed by multiplying the reference pressure by the peak coefficients of Table 6 with application of the 0.73 load factor. Table 6 shows both of these results. The maximum psf load given at each tap location is the absolute value of the maximum value found in the tests, irrespective of its algebraic sign. For ease in visualizing the loads on the structure, contours of equal peak pressures for cladding and glass design shown in Table 6 have been plotted on developed elevation views of the structure, Figure 10.

4.4 Forces and Moments

Force coefficients in the horizontal X and Y directions and moment coefficients about the X, Y and Z axes with the origin at ground level at the base of the building with Z axis vertical may be computed for the 24 wind directions tested by integration of mean pressures on the building. Overall forces and moments acting on the full-scale building due to wind loading may be obtained from use of these coefficients which is useful in designing the structural framing of the proposed building.

Force and moment coefficients were computed using the equations shown below.

$$CF_X = \frac{F_X}{A_R 0.5\rho U_\infty^2}$$

$$CM_X = \frac{M_X}{A_R H_R 0.5\rho U_\infty^2}$$

$$CF_Y = \frac{F_Y}{A_R 0.5\rho U_\infty^2}$$

$$CM_Y = \frac{M_Y}{A_R H_R 0.5\rho U_\infty^2}$$

$$CM_Z = \frac{M_Z}{A_R H_R 0.5\rho U_\infty^2}$$

Terms and symbols used in the equations are defined in the List of Symbols and the axes are defined for the building in Figure 3. Force coefficients CF_X and CF_Y were computed for the horizontal forces acting along the X and Y axes, and moment coefficients CM_X , CM_Y and CM_Z were computed for moments M_X , M_Y and M_Z acting about the X, Y and Z axes. A_R and H_R represent a constant reference area and reference length for nondimensionalization of the forces and moments. Values of A_R and H_R are given in Table 7. The signs on the moments are determined by application of the right-hand rule. The force and

moment coefficients were computed using the mean pressure coefficient at each pressure tap. The resulting force and moment coefficients are shown in Table 7 for the 24 wind directions tested in the wind tunnel. Data are presented for the building as a whole and by floor if requested.

The total forces and moments acting on the building for each wind direction may be computed by multiplying the above coefficients by the reference pressure of Table 5 and a gust load factor selected for an appropriate wind gust duration. The gust load factor, shown in Table 5, was selected to increase the loads from an hourly mean load to that of a gust whose duration would be sufficient for its effect to be fully felt by the structure. Forces and moments calculated by application of the reference pressure and load factor are shown in Table 7. A table of gust load factors for various gust durations is incorporated in Table 5 so that the data of Table 7 may be adjusted to a different load duration if desired.

5. DISCUSSION

5.1 Flow Visualization

Flow visualization was performed with the tower in place and with the tower removed to determine the influence of the tower on the pedestrian winds. Flow patterns about the tower itself did not show flow patterns indicative of exceptionally high pressures. However, the height of the tower and the presence of flow separation phenomena typical of tall rectangular buildings indicated some areas of high pressure should be expected on the upper portions of the building. At pedestrian level, winds on E. 53rd street were predominantly along the street and showed little difference with the tower in place or removed. Velocities in the garden area northeast of the tower were relatively calm with the tower removed but showed a tendency for a vortex flow to develop in the garden in the region of locations 7 and 8 of Figure 4, particularly for northwesterly winds.

5.2 Pedestrian Winds

Figure 4 shows the 9 pedestrian locations selected for study. Each location was measured with the tower in place and with the tower replaced with a 60 ft high structure simulating approximately the structure in place before the tower was considered. Thus each of the 9 locations with tower removed represents a comparison with past experience. Table 2 and Figure 8 show that the largest values of mean velocity were measured at location 8 with the tower in place. The mean velocity was 46 percent of the mean wind, U_{∞} , at the

edge of the boundary layer at 1600 ft elevation for a wind azimuth of 225 degrees. In an open-country environment the mean velocity would be about 45-50 percent of U_{∞} . For comparison, the largest mean velocity of location 8 with the tower removed was 15 percent of U_{∞} --a rather low value even for city environments.

The largest values of fluctuating velocity, U_{rms} , were less than 11-12 percent--low values by comparison with other city environments. The largest value of peak gust represented by the mean plus three rms as discussed in section 4.2 were obtained at locations 2 and 3 with the building removed with values of 70 and 72 percent of U_{∞} . Peak velocities expected in an open-country environment are about 80-90 percent of U_{∞} . Thus all peak velocities measured are less than those expected in an open country. However, the peak velocities at location 8 with the tower in place, while not exceedingly high for any one approach wind direction, are consistently of moderate strength for most wind directions.

Velocity data integrated with local wind data from the central park observatory is shown in Figure 9. Based on the data in this figure, mean winds will be above 12 mph, the level where winds become significant, for a maximum of about 28 percent of the time at location 8 with the tower in place. This is a rather high percentage time. Other locations showed percentage times of less than 10 percent. The largest percent of time when mean winds will be above 24 mph, the limit of agreeable wind on land, was less than 2 percent at location 8 with the tower in place and less than 1 percent for other locations. The largest percent of time when

peak gusts could reach 35 mph were less than 1.5 percent of the time at all locations.

The results of the pedestrian velocity analysis showed that at most measured locations, the wind environment will be moderate and will experience little change from previous conditions due to the tower. In the vicinity of location 8, where a vortex flow was evident with the tower in place, frequency of winds up to 12-15 mph will be much larger than found in most city environments. While this wind velocity is not particularly high, location 8 will not be a comfortable sitting environment on many cool or cold days. During the hot months, that location may provide a welcome breeze. Trees or shrubs near location 8 will tend to reduce velocities at that point somewhat (none were modeled in the wind tunnel tests). It is recommended that pedestrian experience be sampled at location 8 after tower construction before corrective action is considered.

5.3 Pressures

Table 6 shows the largest pressure coefficients and wind loads measured on the tower and winter garden for each pressure tap location. The largest peak pressure coefficient measured on the tower structure was 2.0 measured at tap 122 near the top of the north face of the building for an approach wind azimuth of 100 degrees. The instantaneous cladding and 1 minute glass loads corresponding to this coefficient were 68 and 50 psf based on the reference pressure of Table 5. As shown in Figure 10, most areas of the tower experienced significantly lower cladding and glass loads--particularly low on the structure. Loads on the winter garden structure were very low--all

cladding pressures were below 25 psf. All loads listed in Table 6 or plotted in Figure 10 refer to external loads on the structure.

Because operable windows were considered for the tower, an analysis was performed on the influence of open windows on the cladding and glass loads. Because pressures on one face of the building may be positive while pressures on an adjacent face may be negative, an open window on the positive pressure face may transmit positive pressure through the corner room to the cladding on which negative external pressure is applied by the wind. The result is an increased outward-acting load on the curtainwall. This increased load can be applied also to the positive external pressure face as an inward-acting load by an open window on the negative pressure face. Several assumptions were made in performing the analysis: 1) peak pressures--positive or negative--acting on the external side of the cladding due to wind could be effective in bringing the pressure within a single apartment to that peak pressure through a single open window, 2) pressure fluctuations in one apartment would not be transmitted without significant attenuation to an apartment at an adjacent corner of the building or to adjacent floors, 3) all possible critical combinations of window openings and approach wind directions were considered for each pressure tap on floors with windows and the worst case selected, 4) no operable windows were presumed to be closer to a convex building corner than 10 ft.

The results of the analysis are presented in Figure 11 as contour plots of pressure in psf acting either inward or outward.

Both cladding loads and 1 minute equivalent glass loads are presented for a 50-yr recurrence wind. The loads of Figure 11 are significantly higher than those for external wind loads alone reaching cladding loads as high as 100 psf in two local areas.

REFERENCES

1. Cermak, J. E., "Laboratory Simulation of the Atmospheric Boundary Layer," AIAA Jl., Vol. 9, September 1971.
2. Cermak, J. E., "Applications of Fluid Mechanics to Wind Engineering," A Freeman Scholar Lecture, ASME Jl. of Fluids Engineering, Vol. 97, No. 1, March 1975.
3. Cermak, J. E., "Aerodynamics of Buildings," Annual Review of Fluid Mechanics, Vol. 8, 1976, pp. 75-106.
4. Penwarden, A. D., and Wise, A. F. E., "Wind Environment Around Buildings," Building Research Establishment Report, HMSO, 1975.
5. 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," Jl. 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.
8. Architectural Glass Products, Pittsburgh Plate Glass Industries, January 1975.

FIGURES

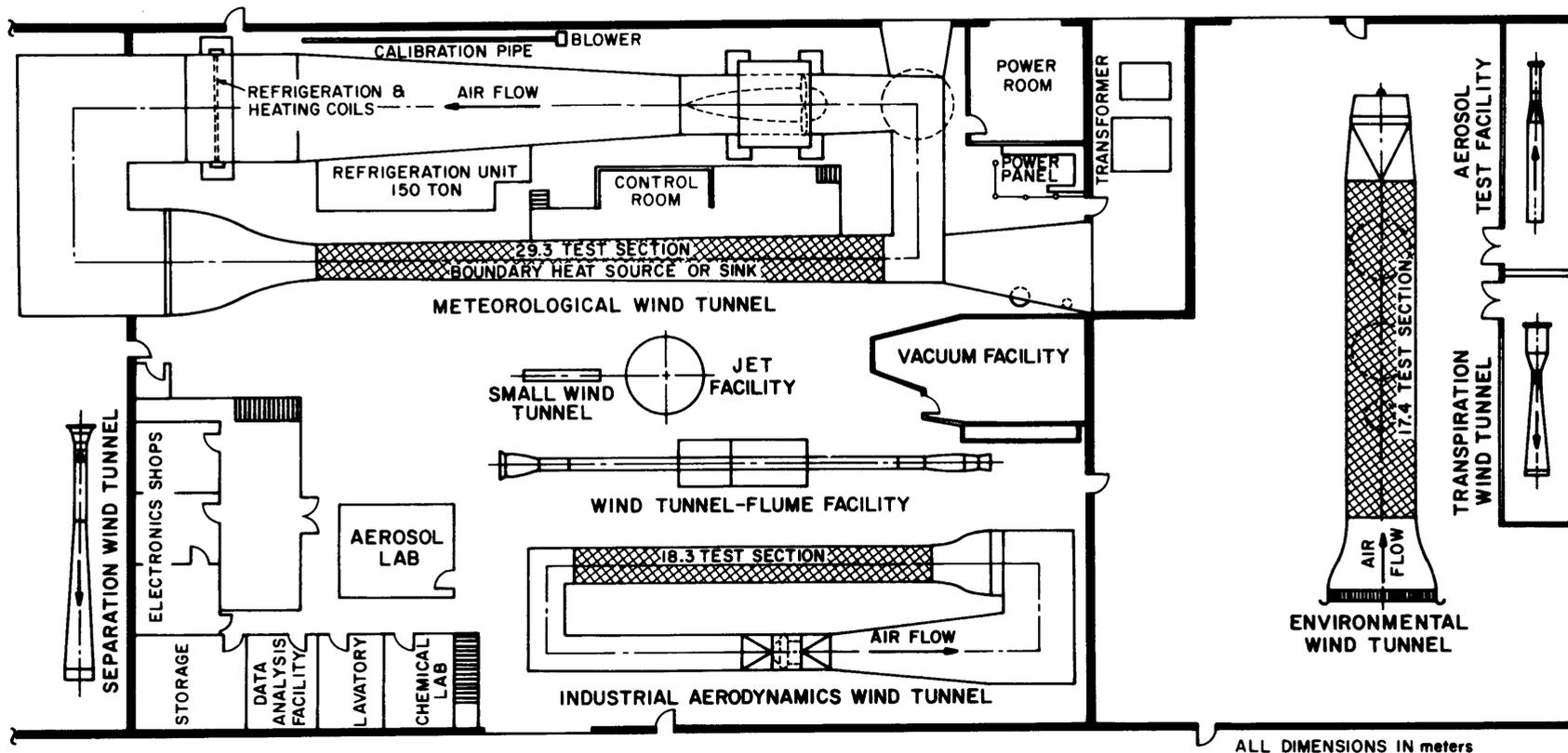
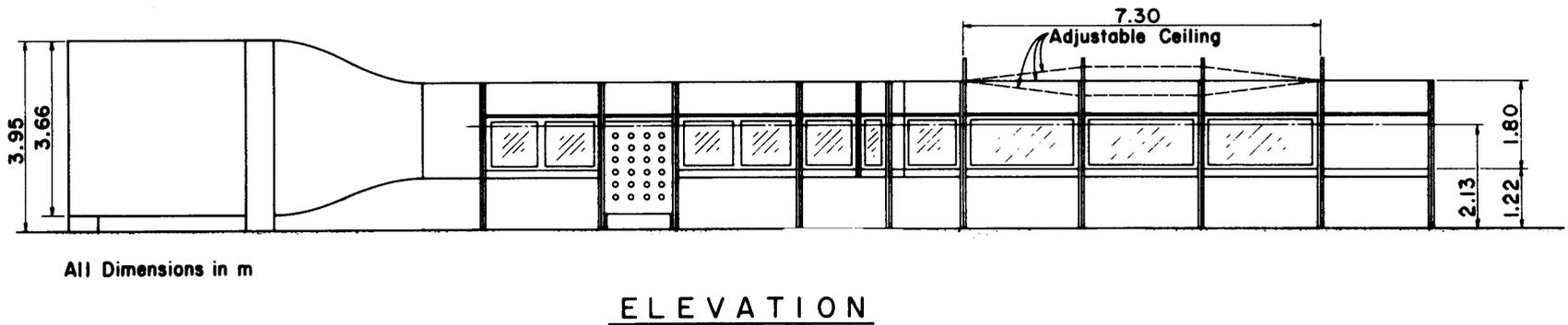
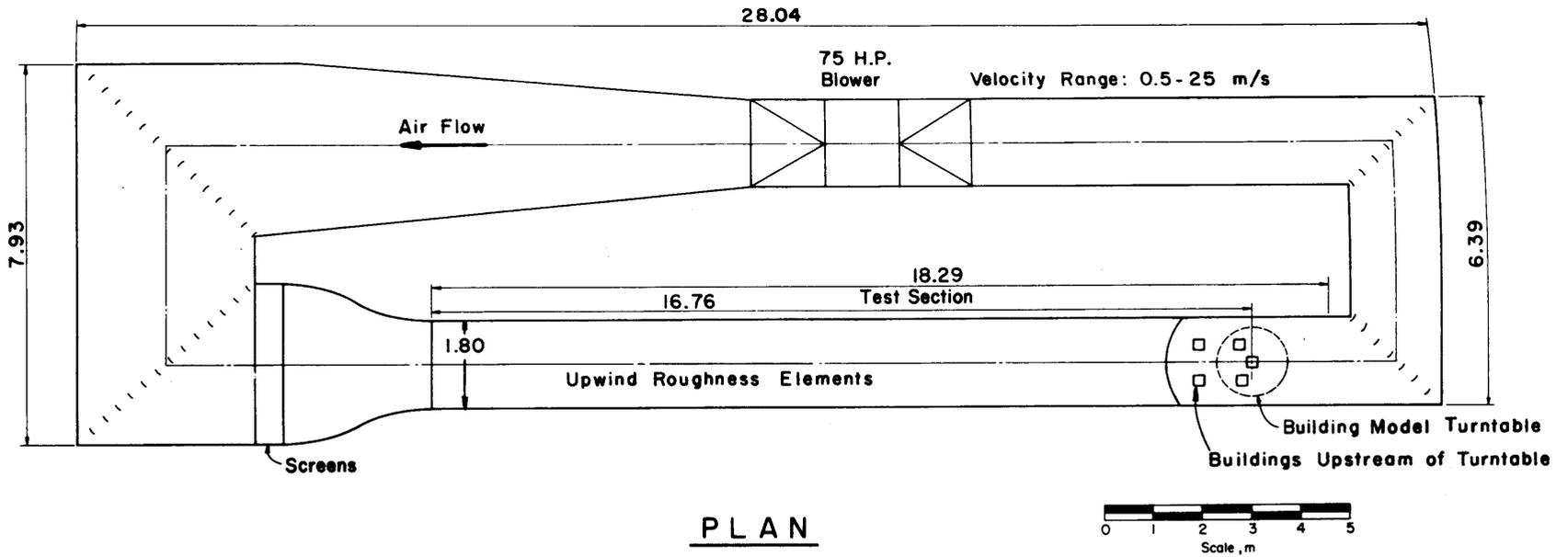
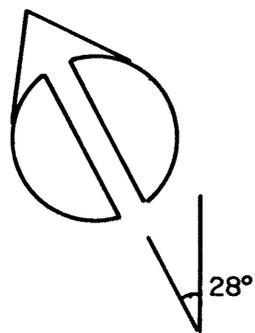
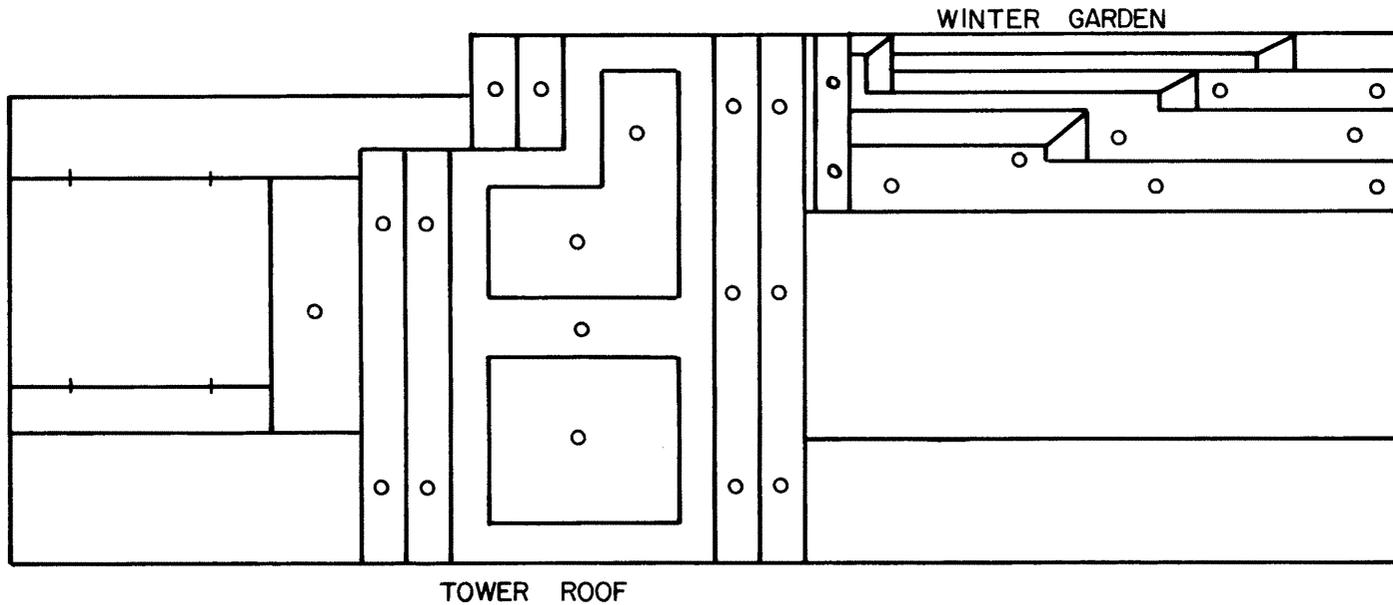


FIGURE 1 - FLUID DYNAMICS AND DIFFUSION LABORATORY
 COLORADO STATE UNIVERSITY



INDUSTRIAL AERODYNAMICS WIND TUNNEL

Figure 2 - Wind Tunnel Configuration



MODEL SCALE = 1/500
 TOTAL TAPS = 379
 DIMENSIONS IN FULL SCALE FEET
 AND MODEL INCHES.

FIGURE 3a. PRESSURE TAP LOCATIONS

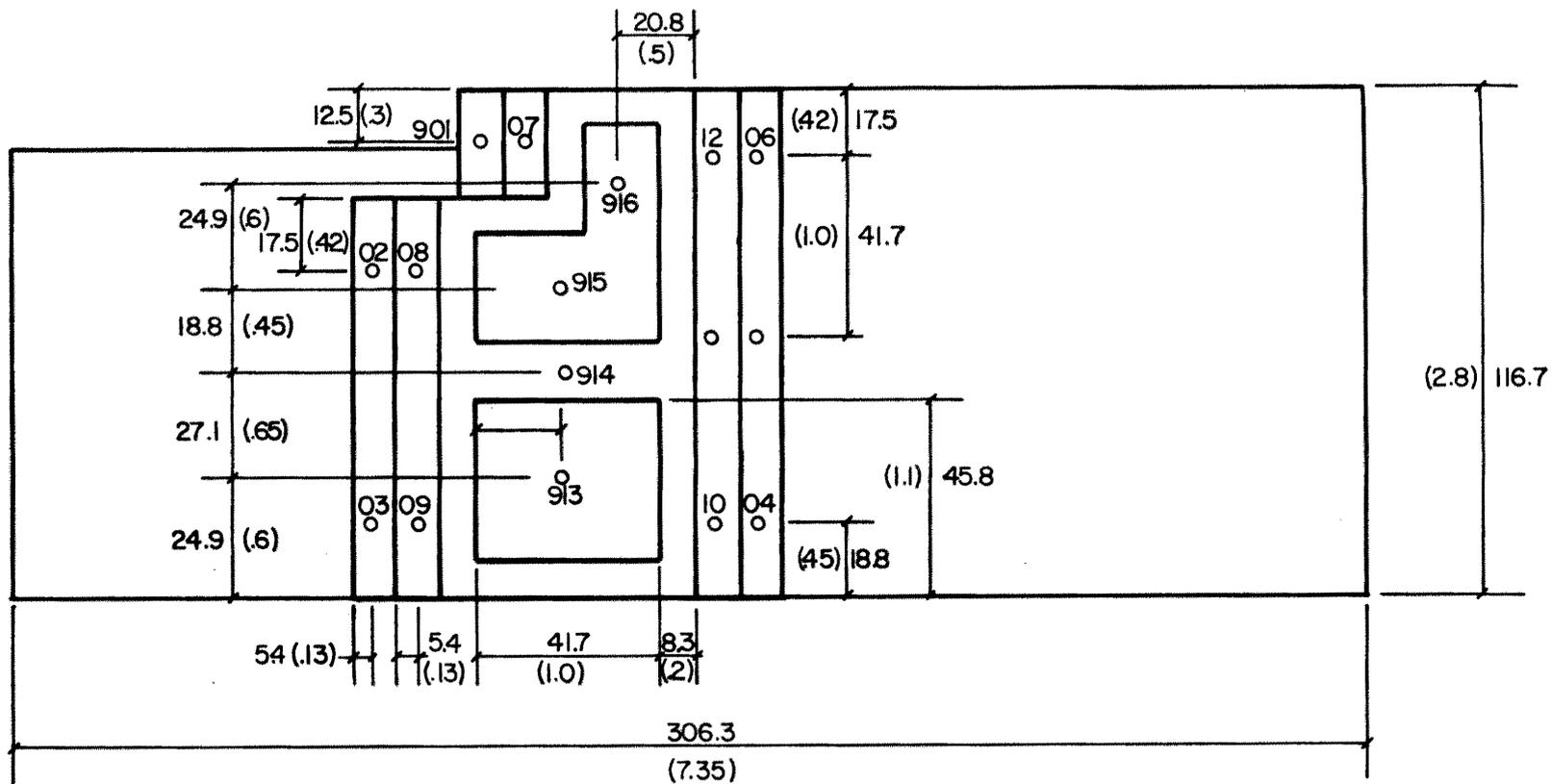


FIGURE 3b. PRESSURE TAP LOCATIONS

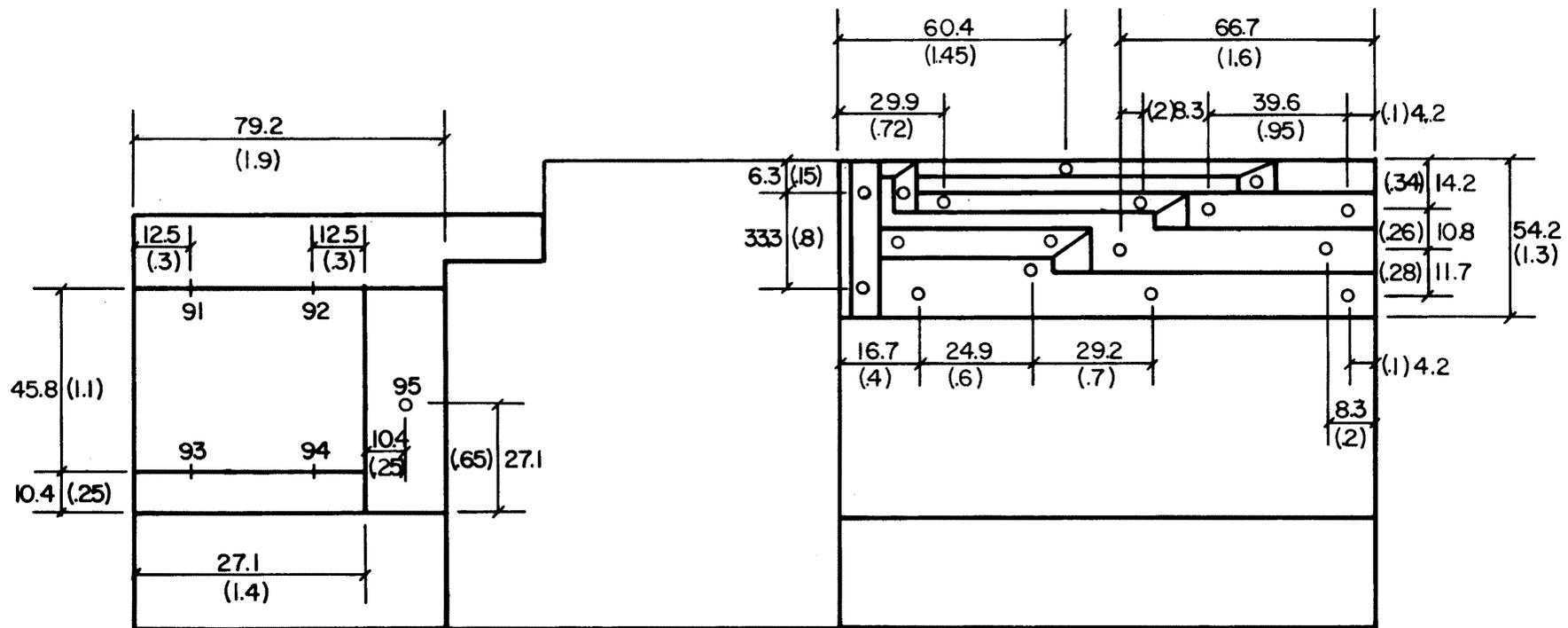


FIGURE 3c. PRESSURE TAP LOCATIONS.

WINTER GARDEN

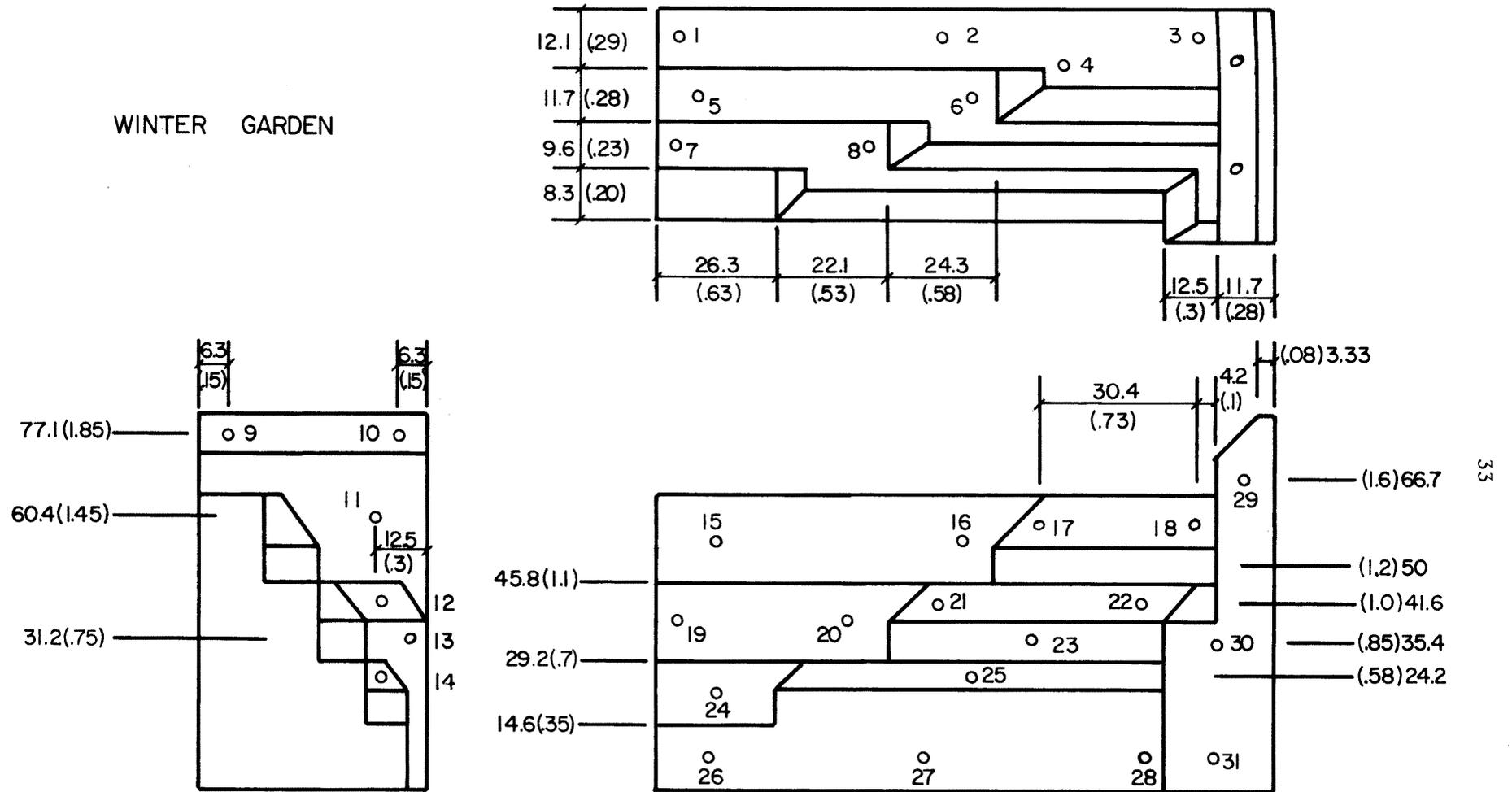


FIGURE 3d. PRESSURE TAP LOCATIONS

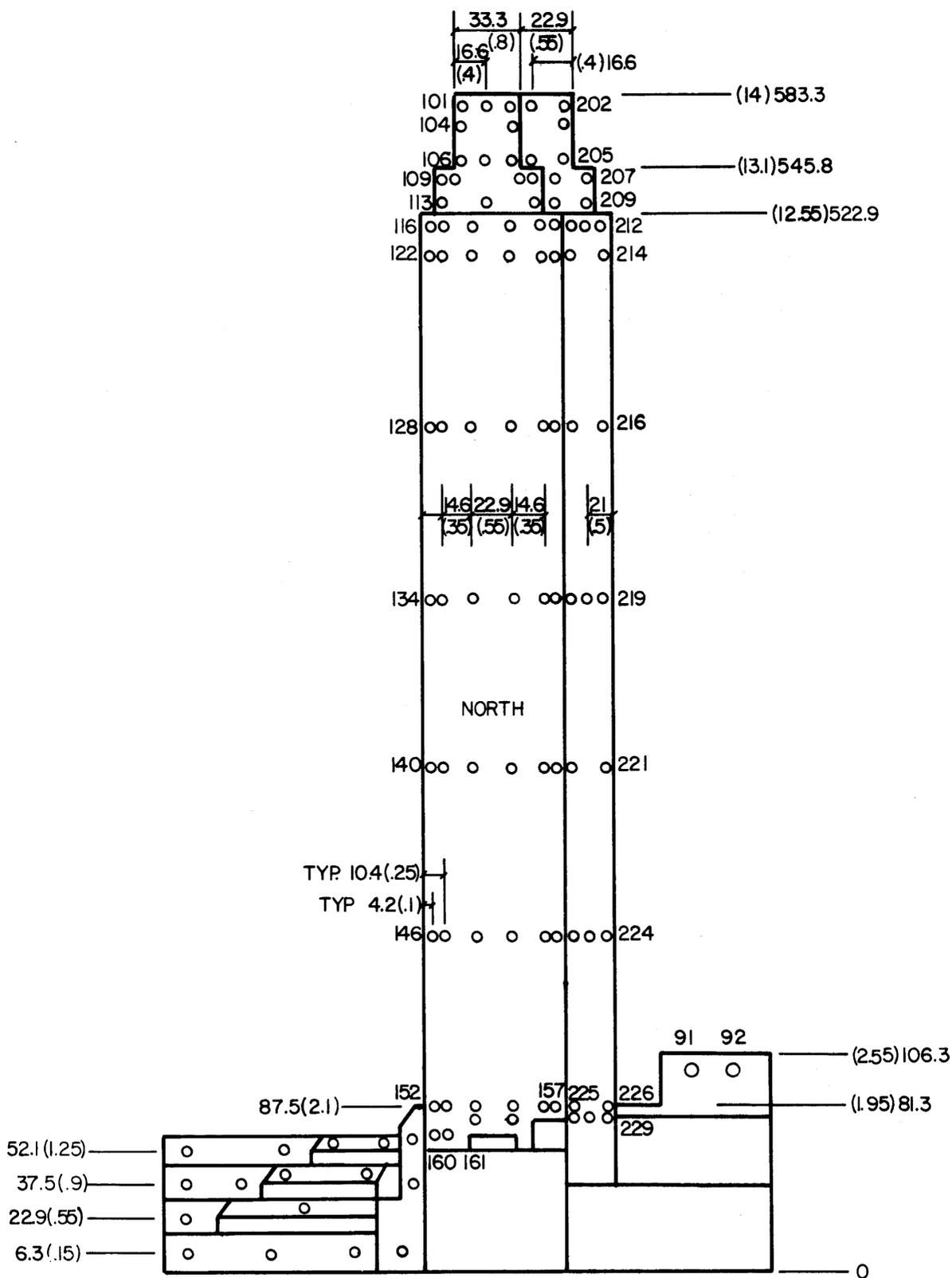


FIGURE 3e. PRESSURE TAP LOCATIONS

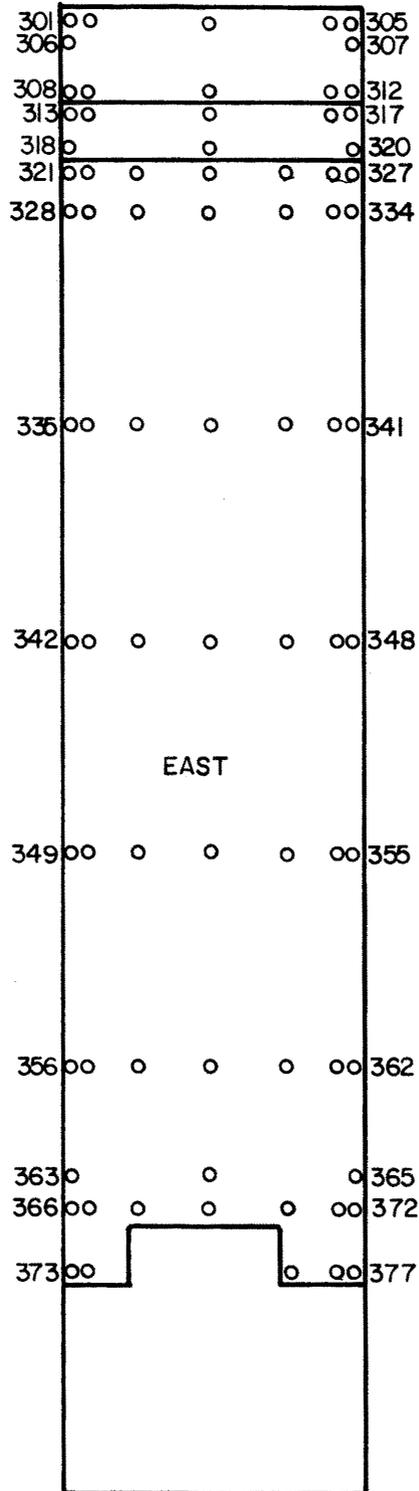


FIGURE 3f PRESSURE TAP LOCATIONS

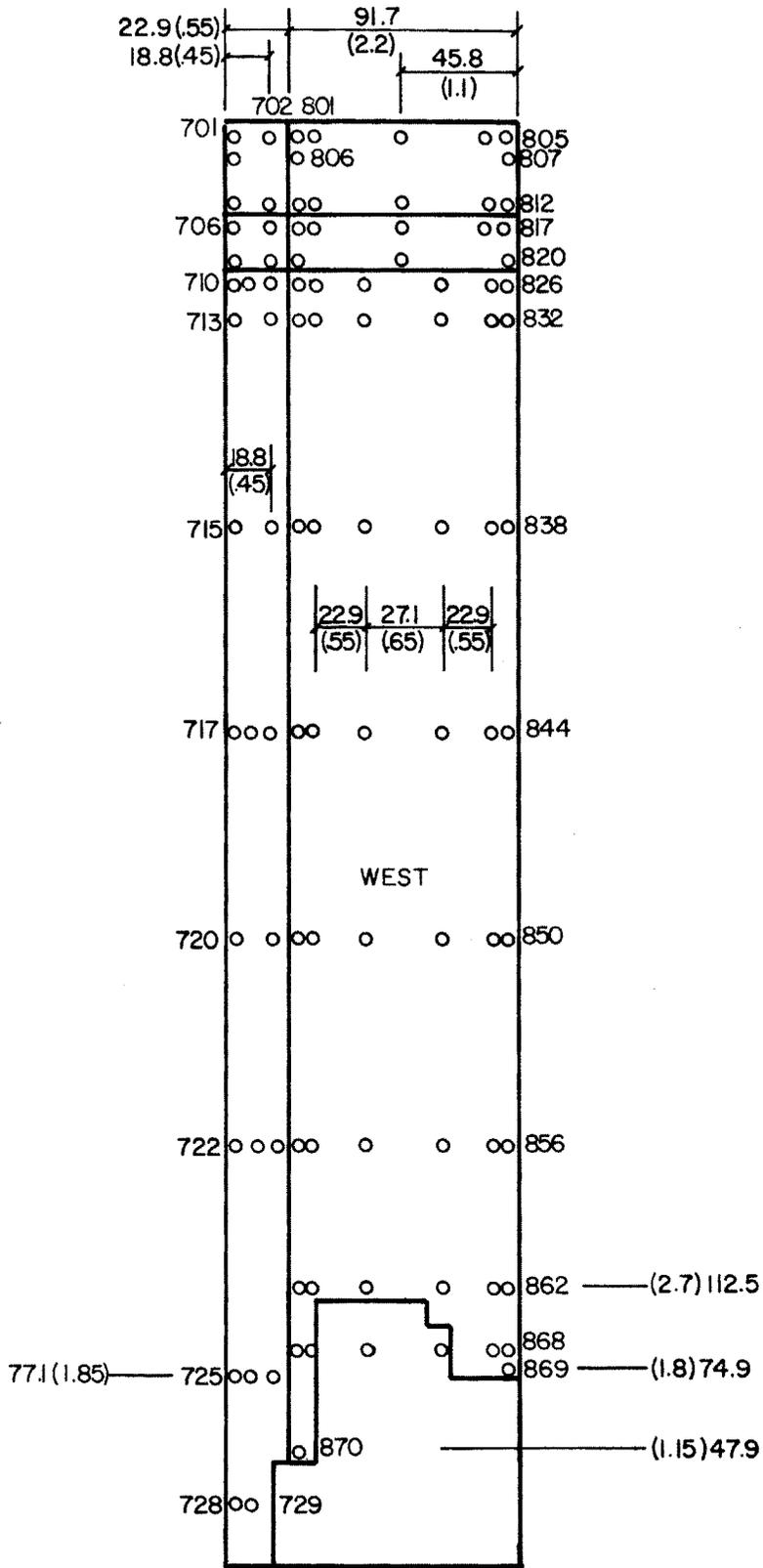


FIGURE 3h PRESSURE TAP LOCATIONS

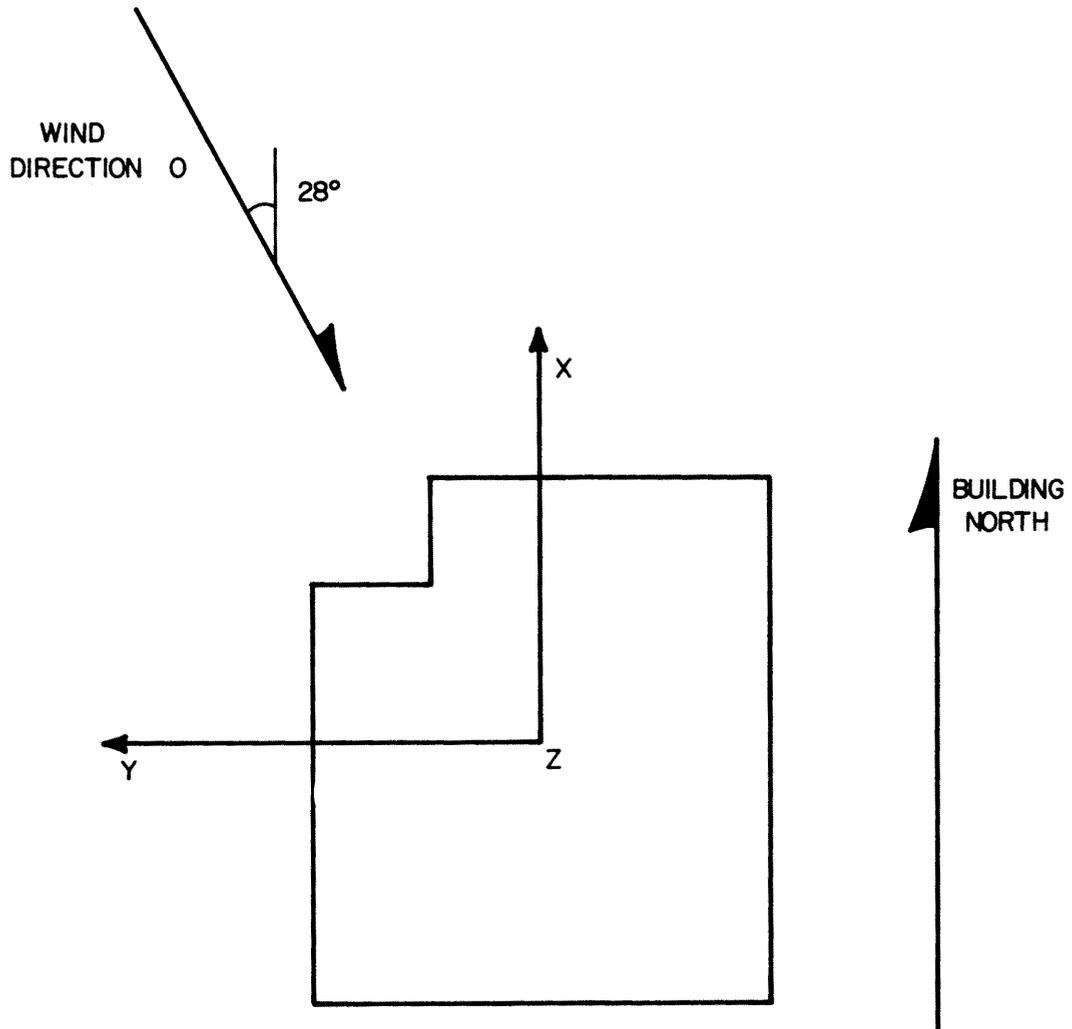


FIGURE 3i
FORCE AND MOMENT COORDINATE SYSTEM

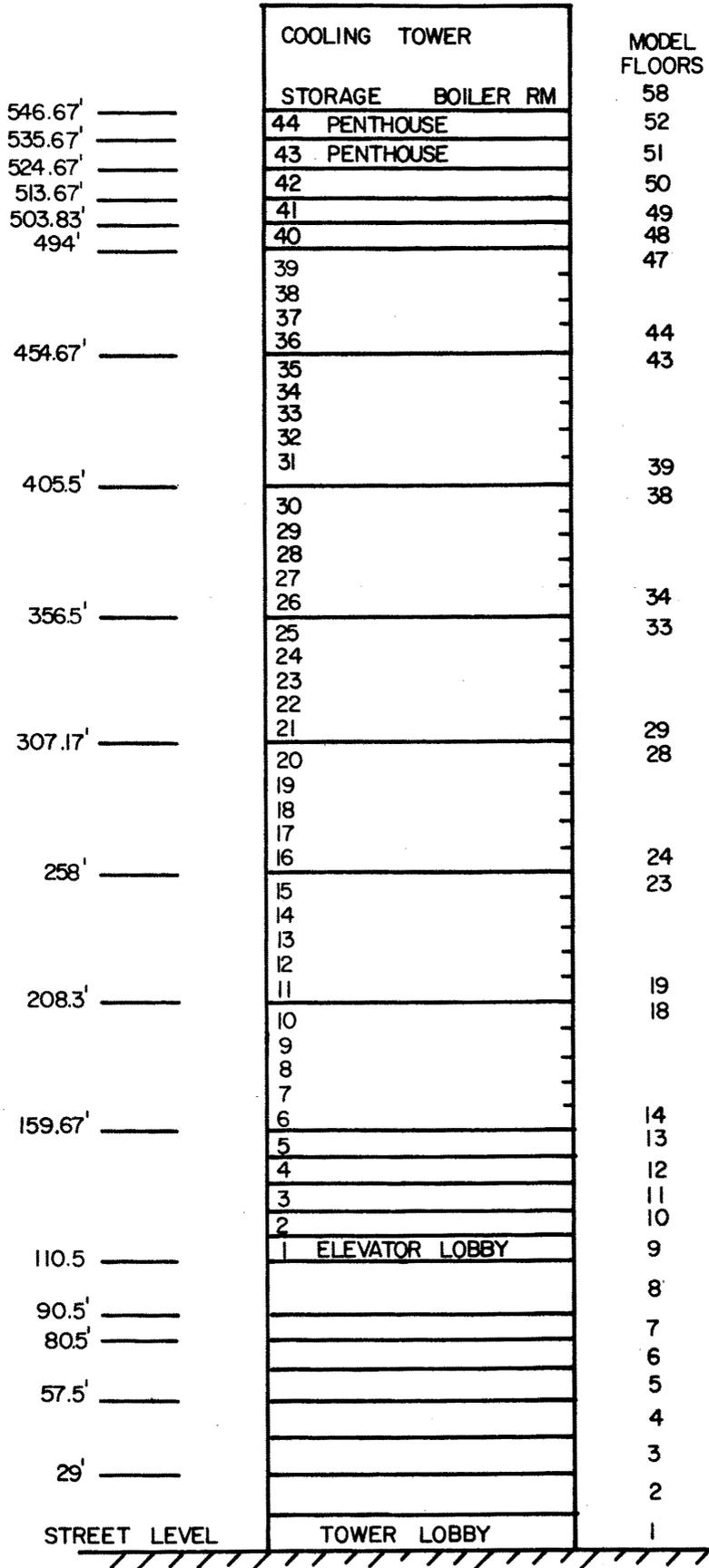


FIGURE 3j FORCE AND MOMENT FLOOR LEVELS

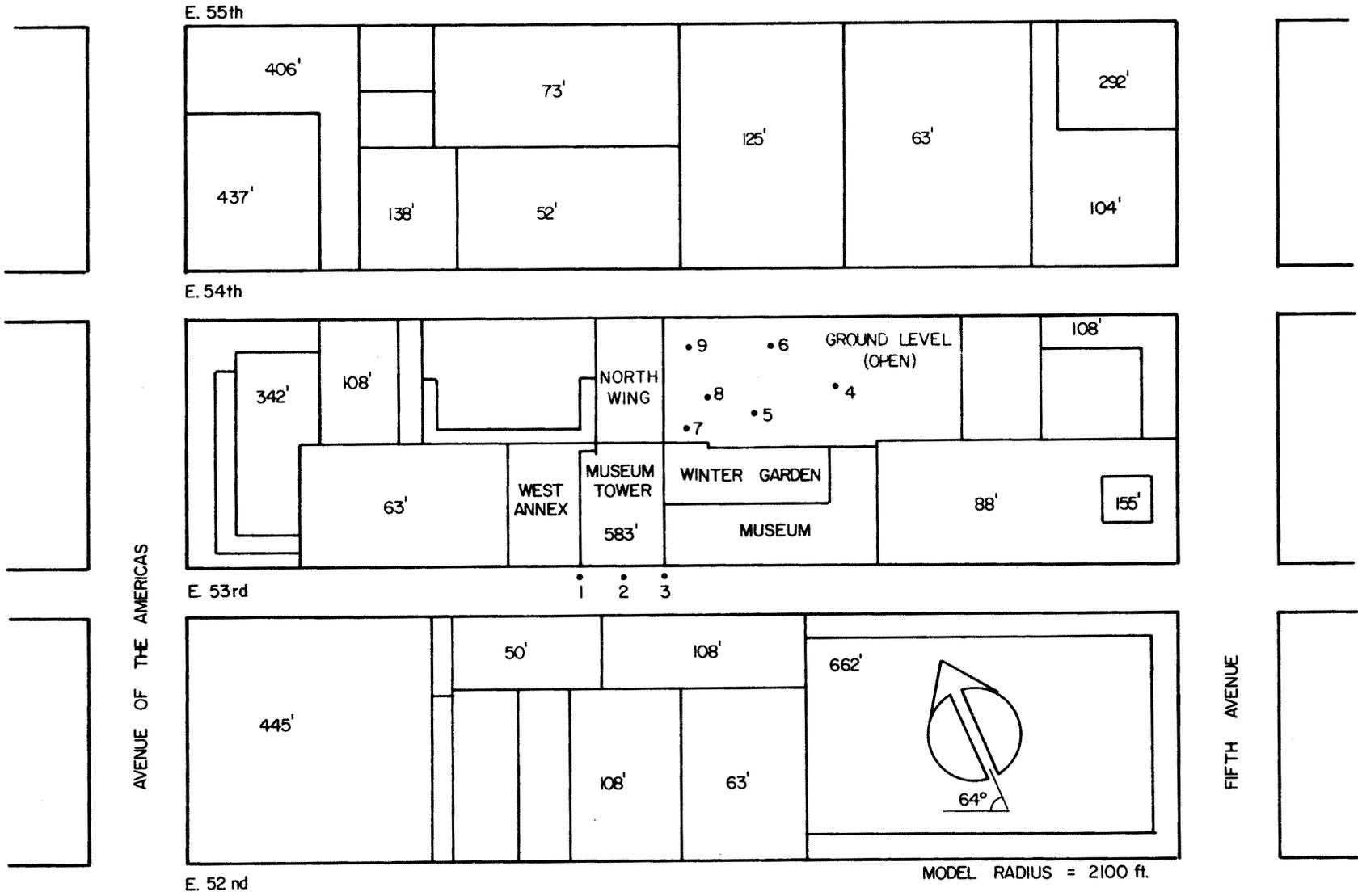


Figure 4. Building Location and Pedestrian Wind Velocity Measuring Positions

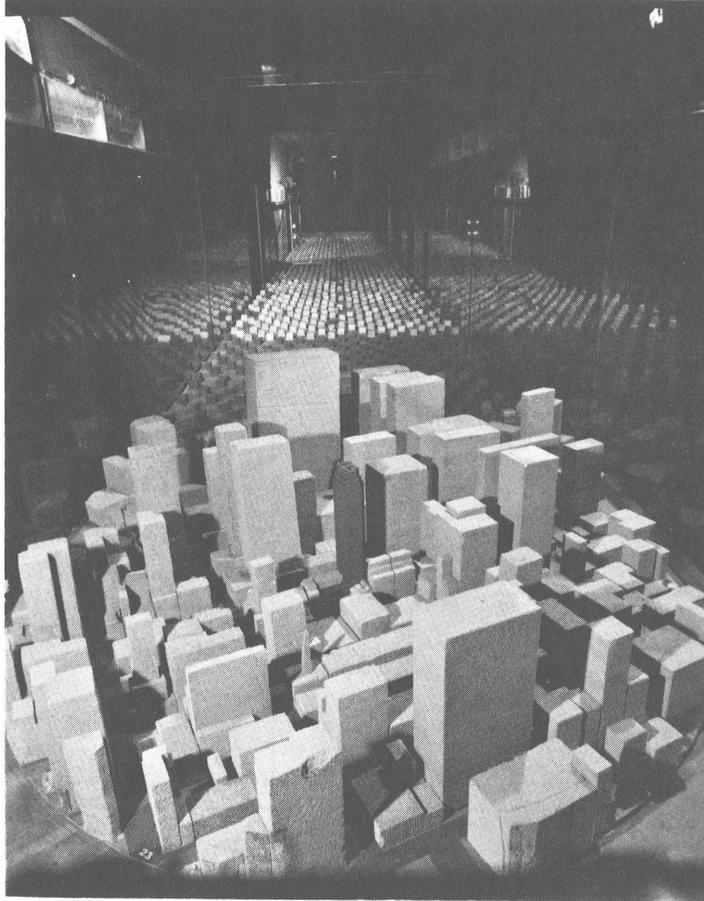


Figure 5. Completed Model in Wind Tunnel.

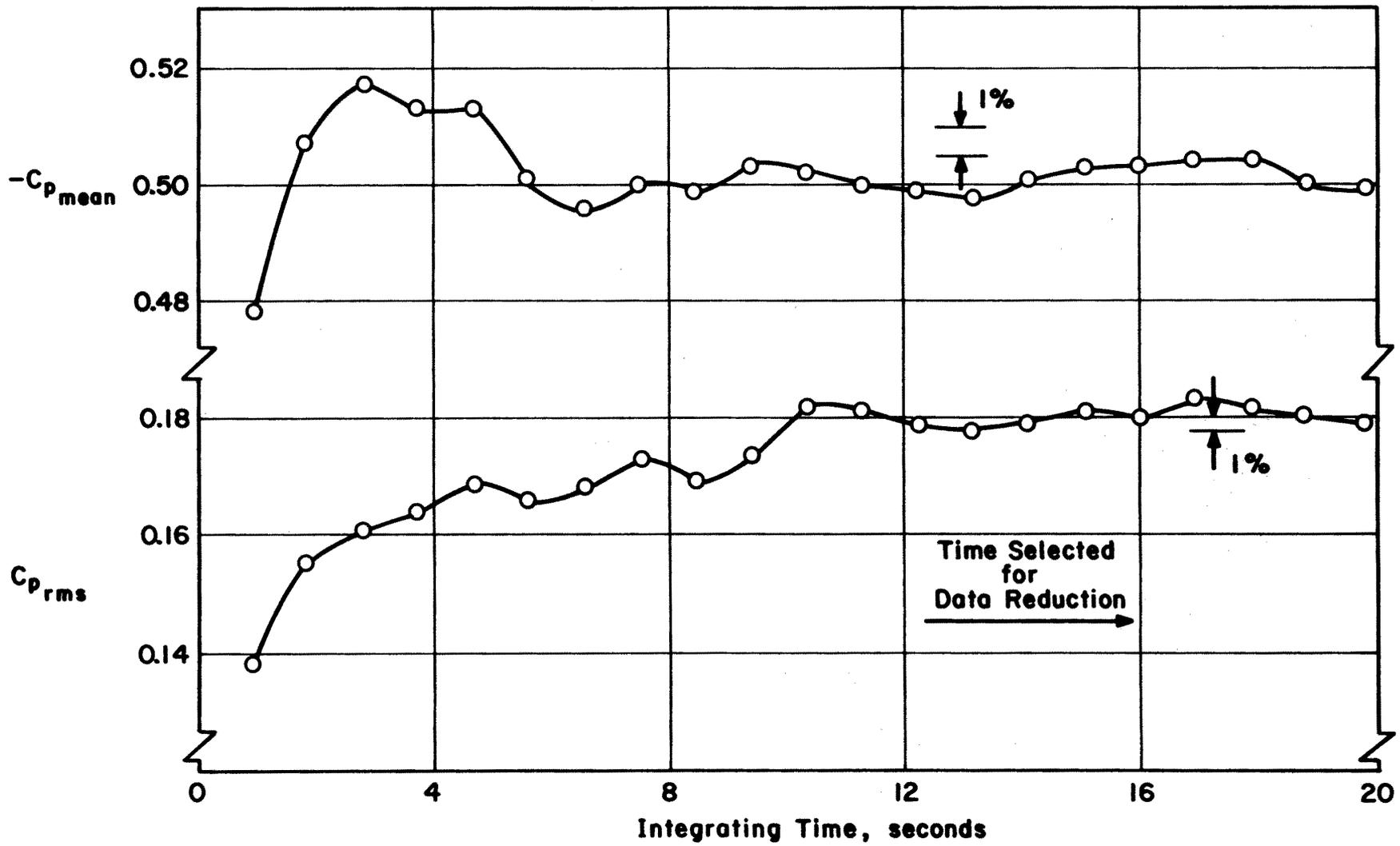


Figure 6- Data Sampling Time Verification

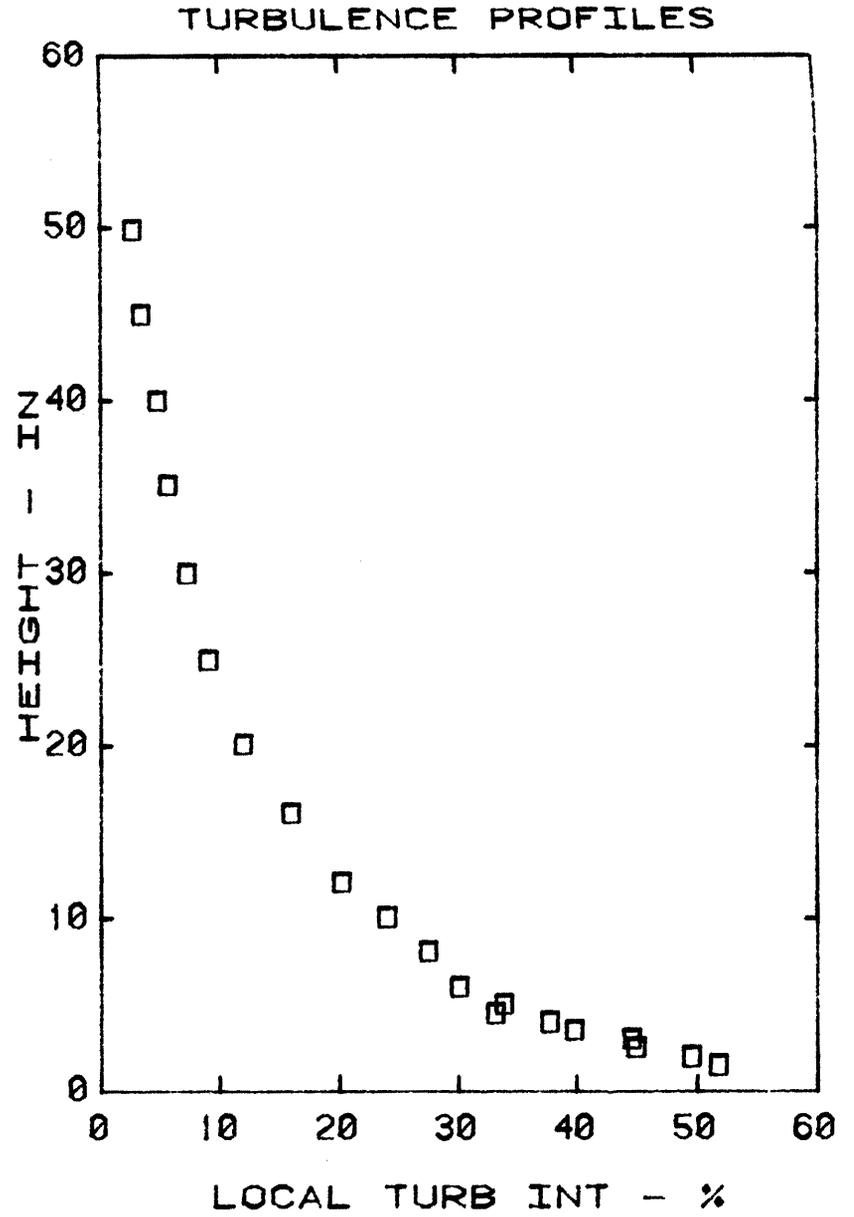
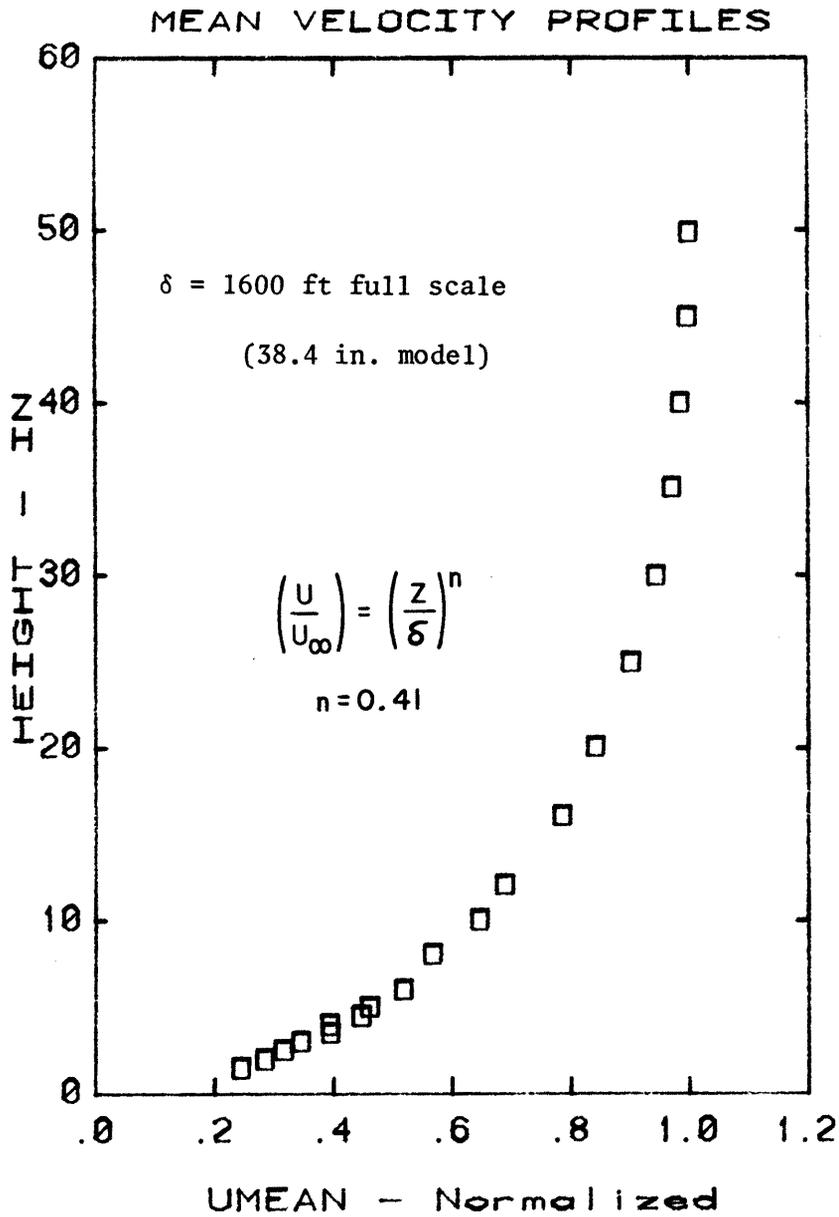


Figure 7. Mean Velocity and Turbulence Profiles approaching the Model

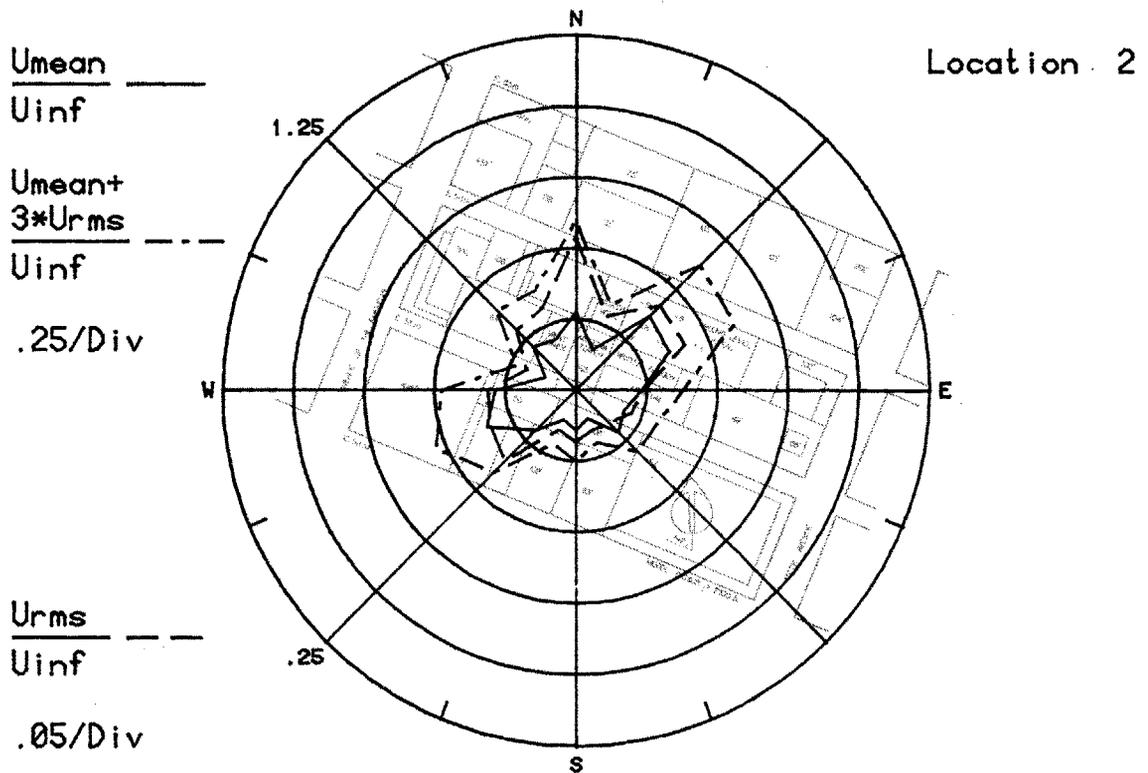
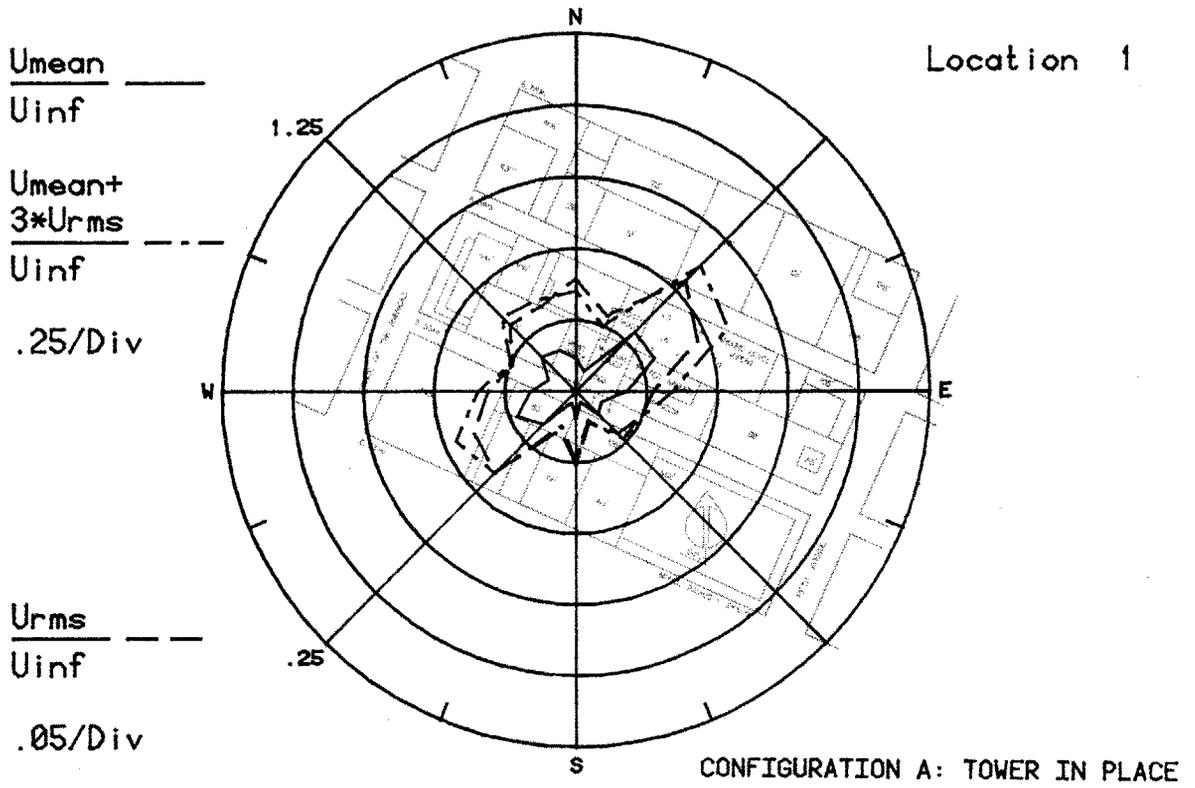
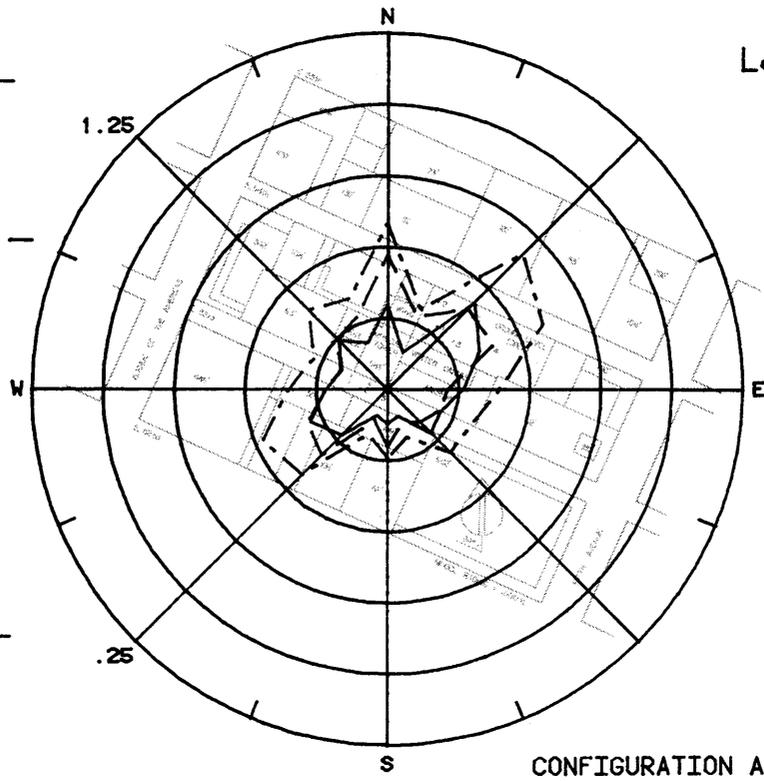


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

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

Location 3

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

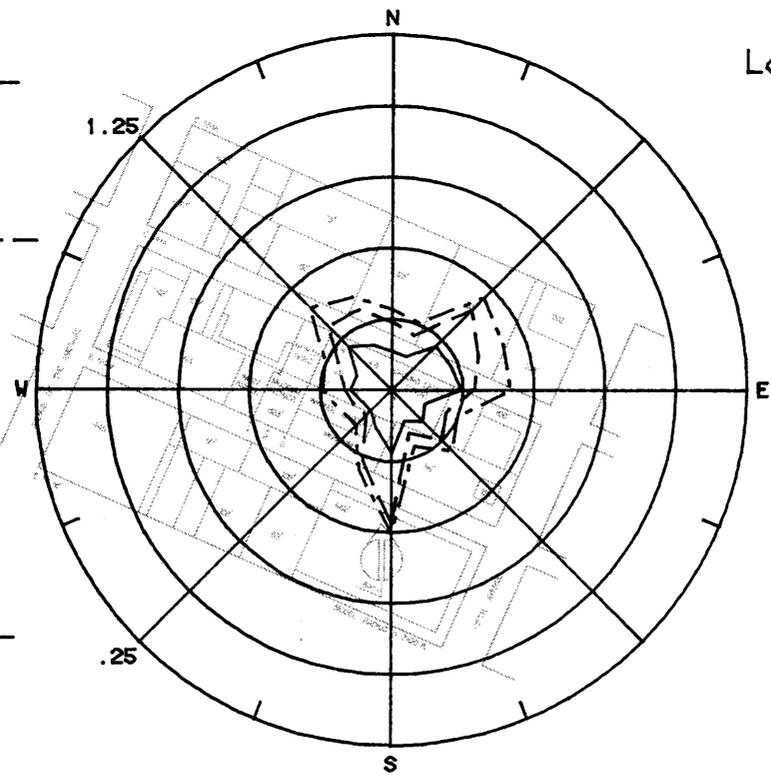


CONFIGURATION A: TOWER IN PLACE

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

Location 4

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



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

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

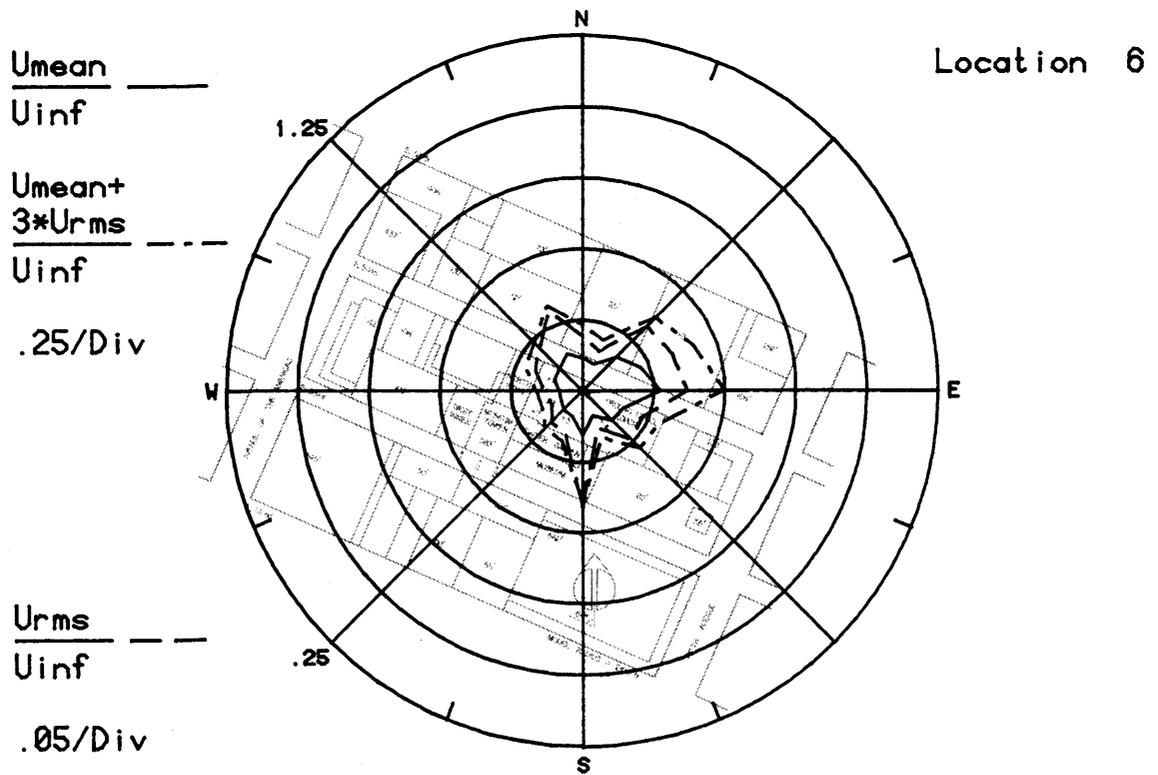
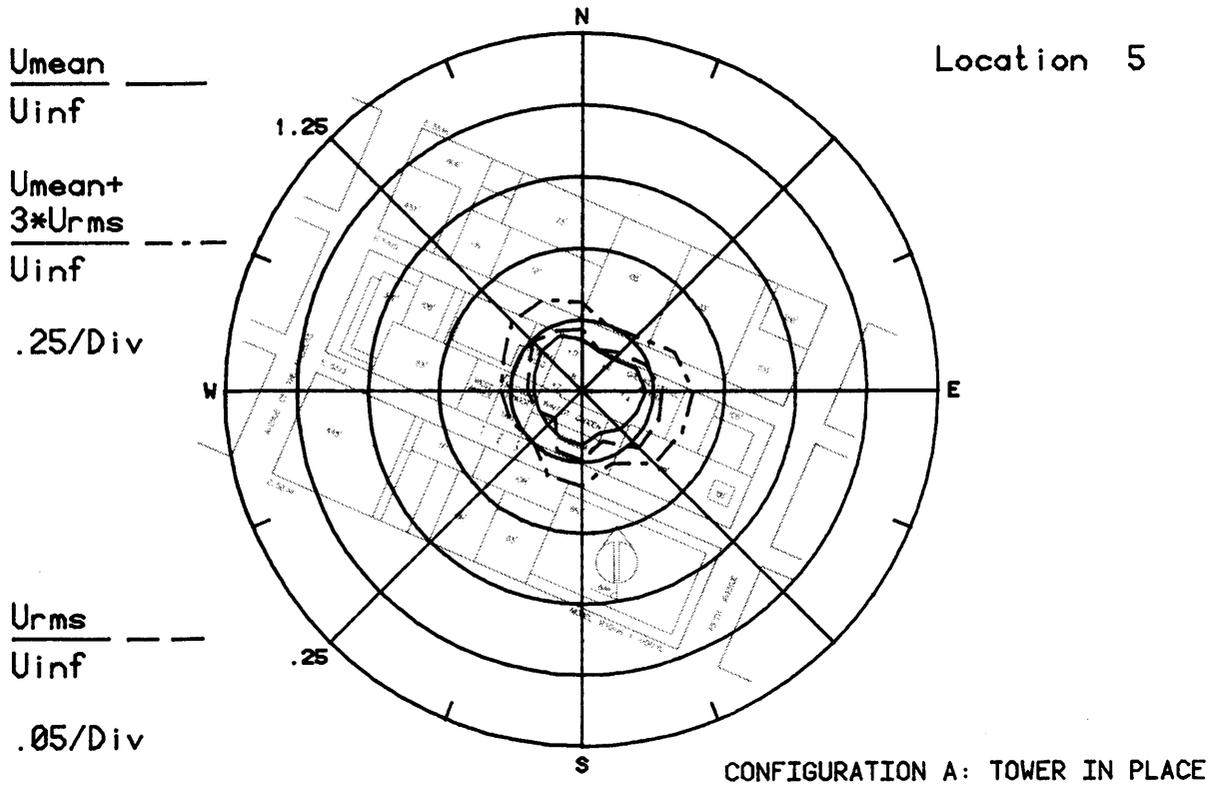


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

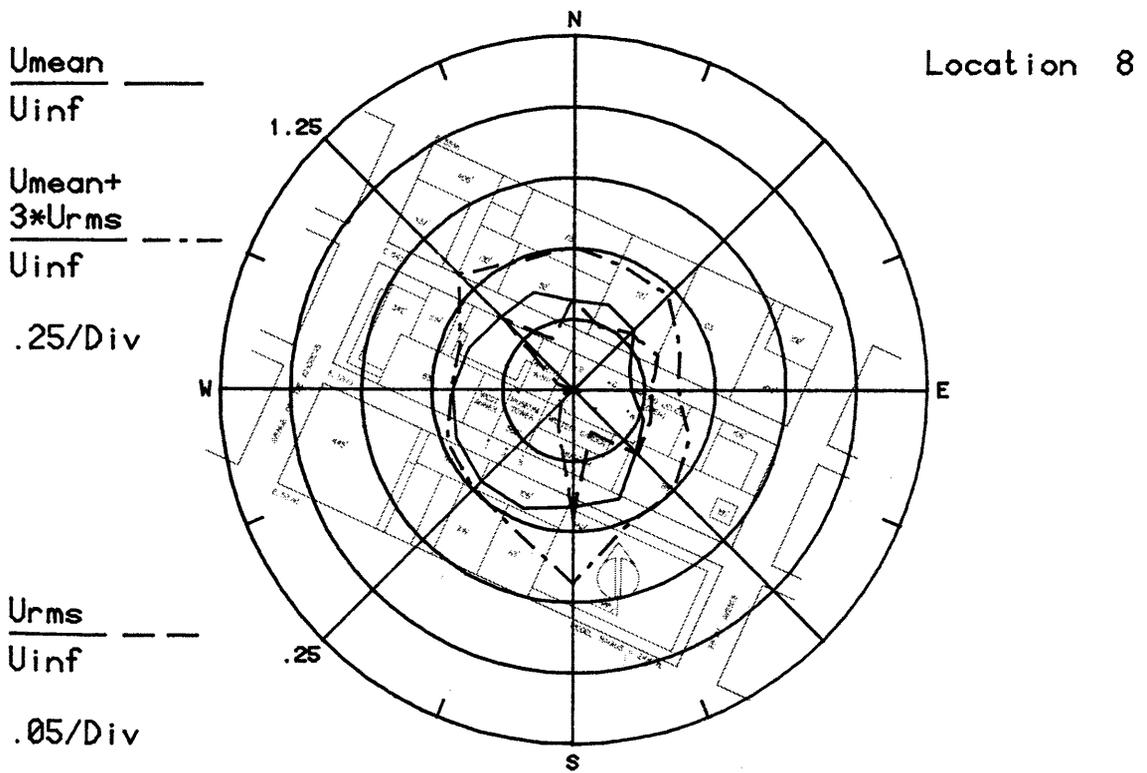
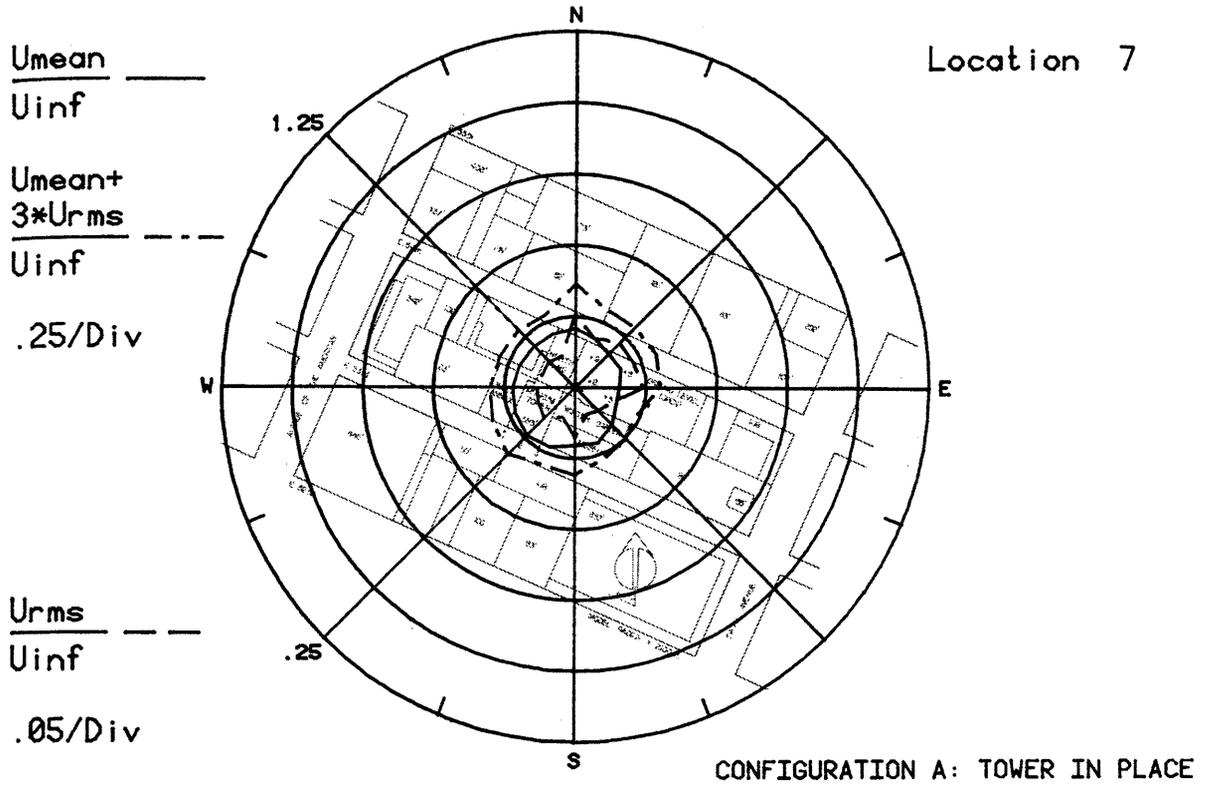


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

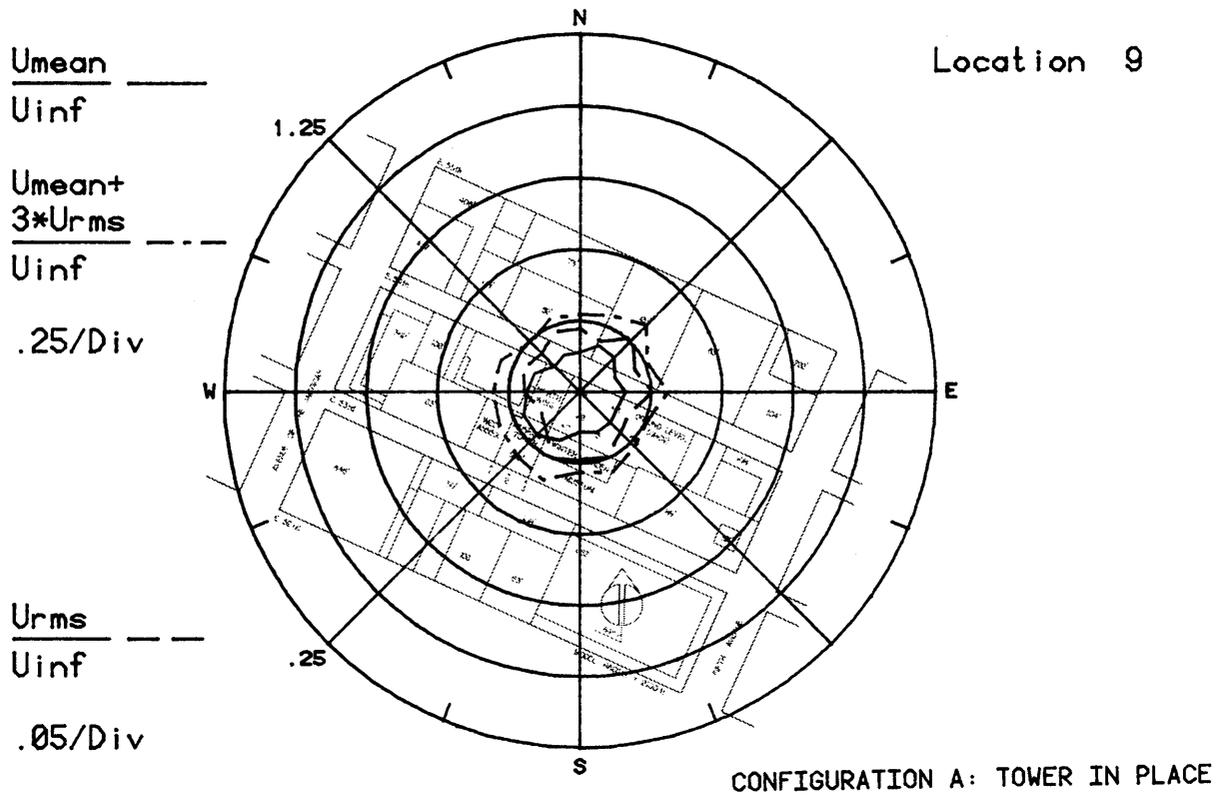


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Location 9

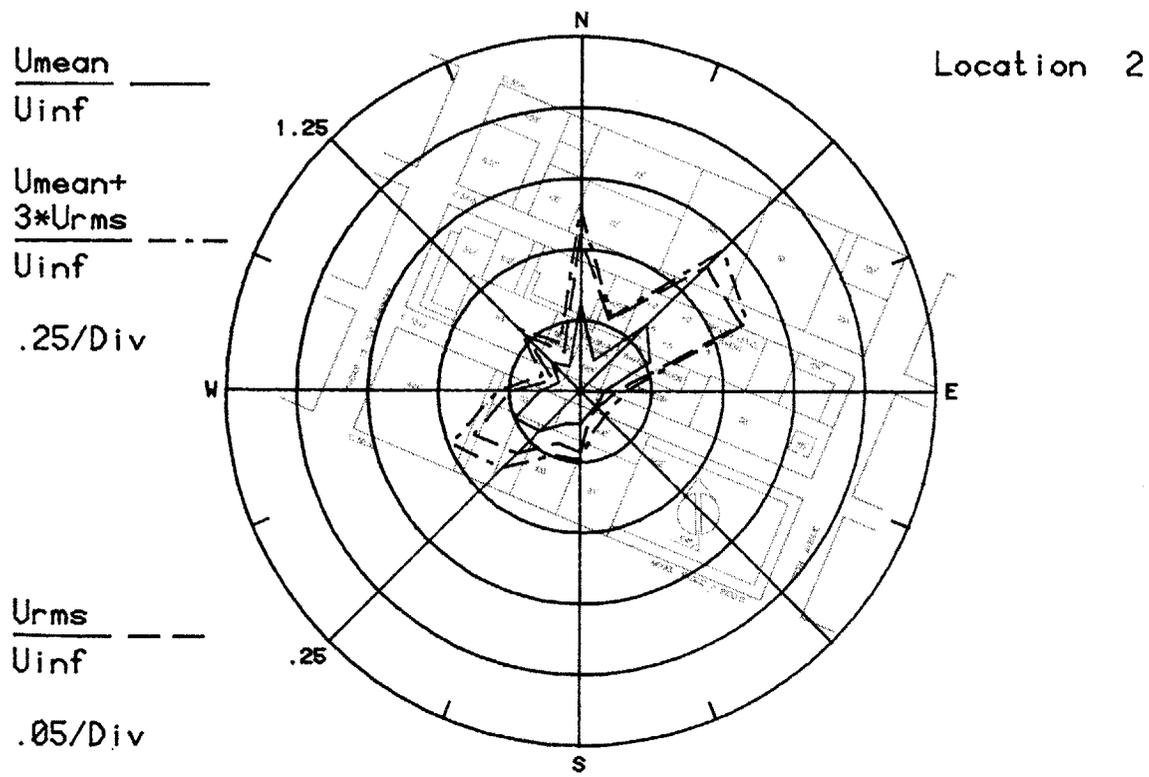
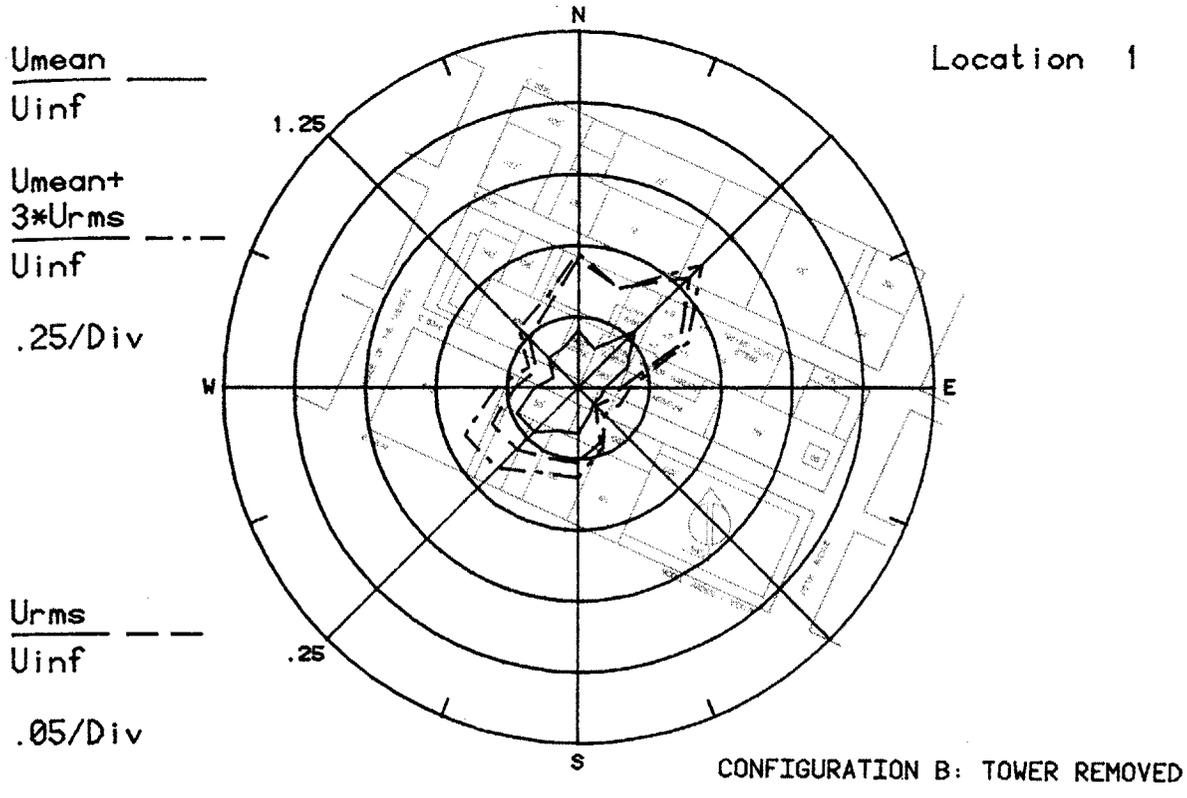


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

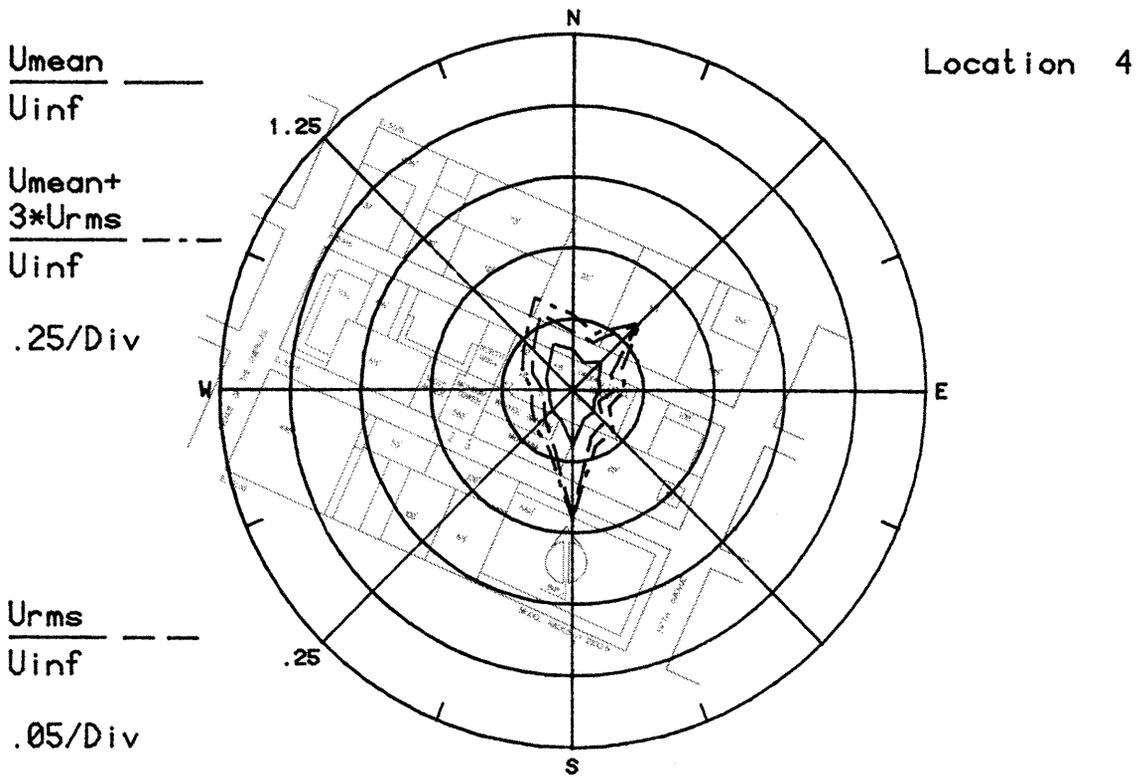
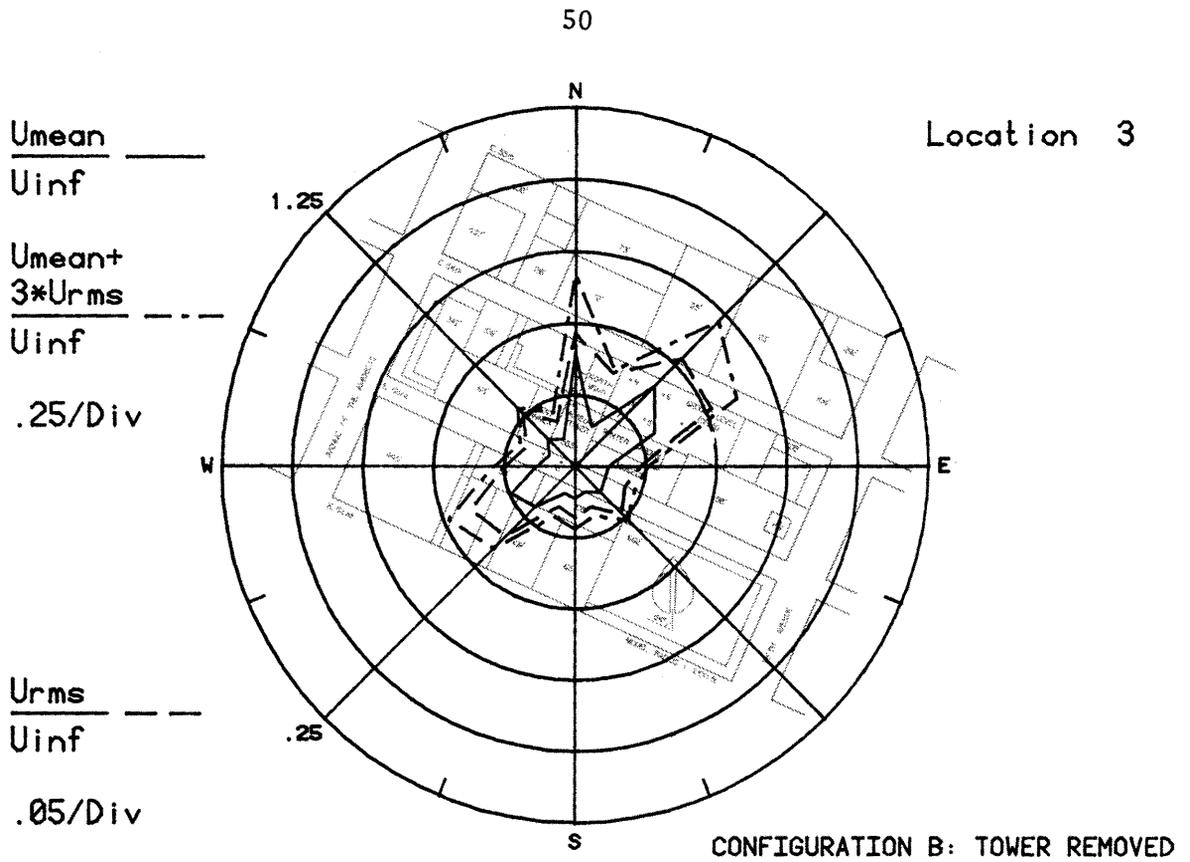
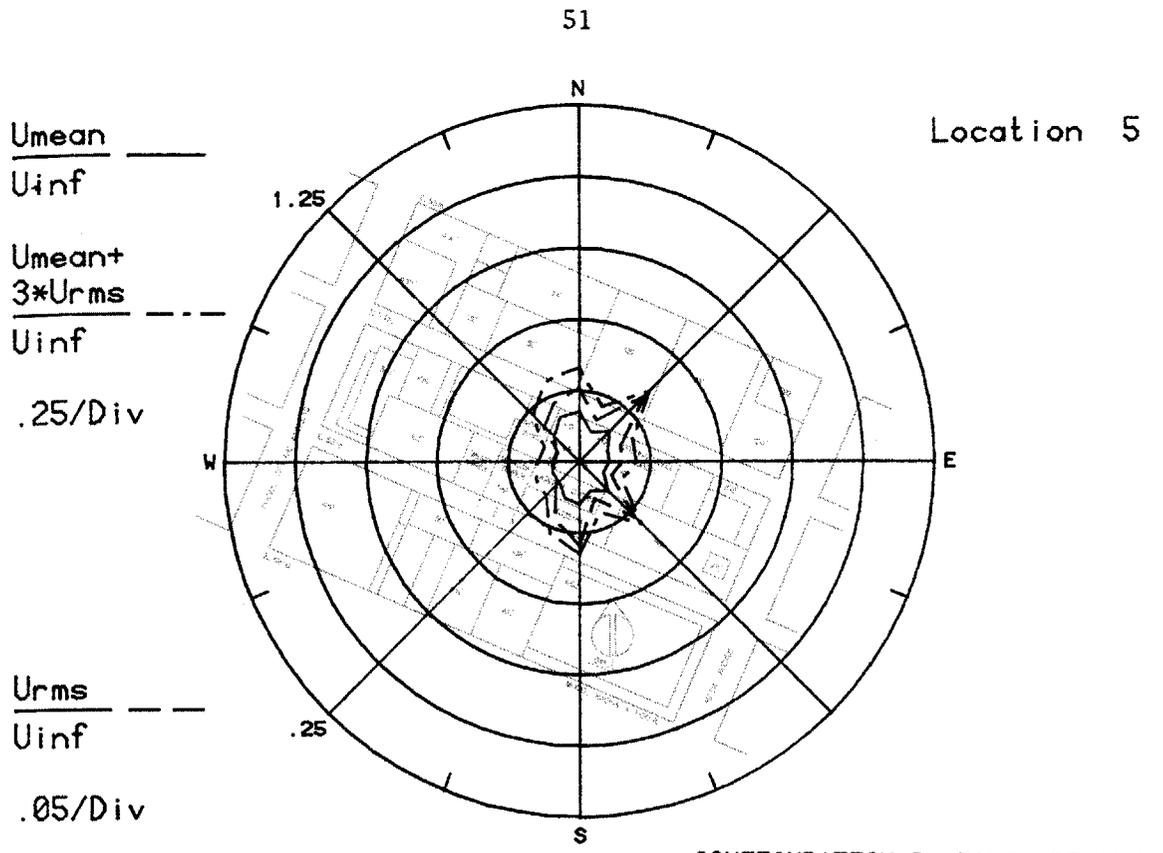


Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4



CONFIGURATION B: TOWER REMOVED

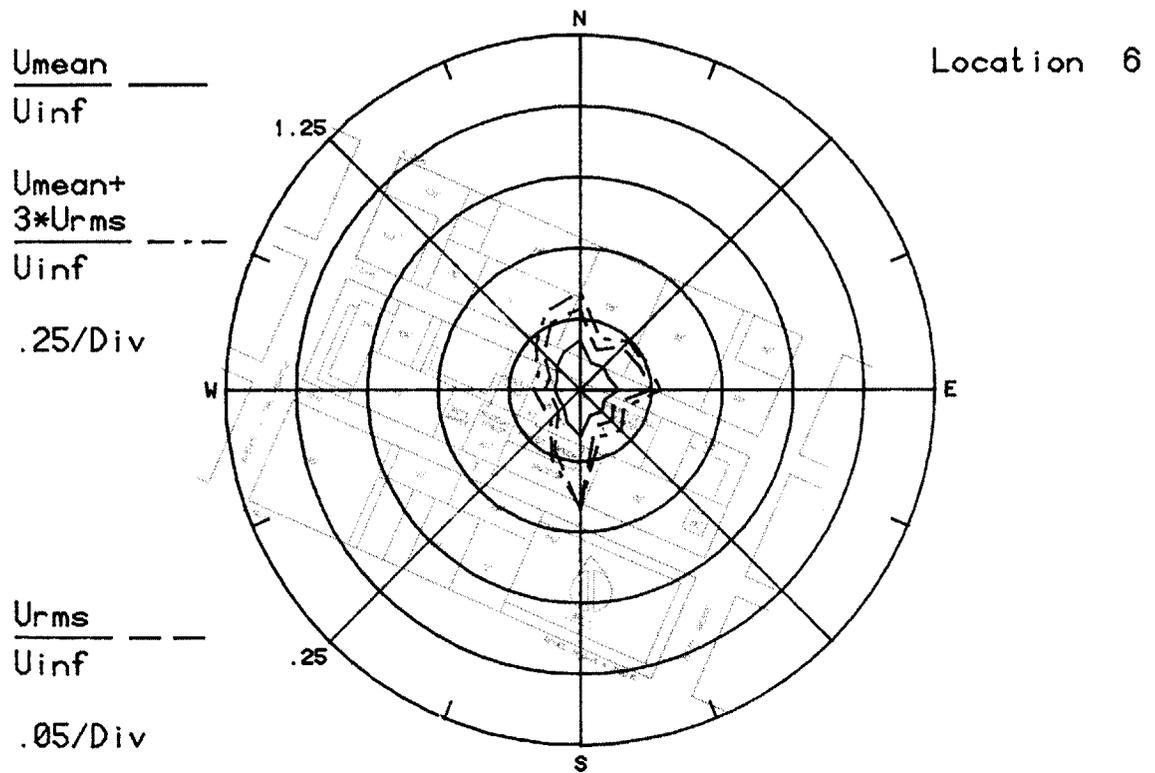


Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

$\frac{U_{mean}}{U_{inf}}$ _____

U_{inf}

1.25

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

U_{inf}

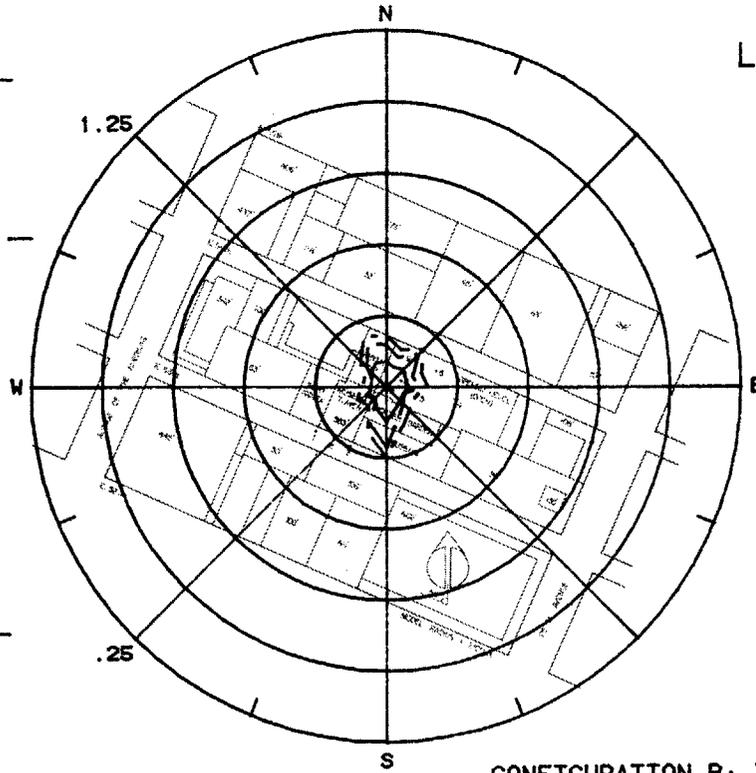
.25/Div

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

U_{inf}

.25

.05/Div



$\frac{U_{mean}}{U_{inf}}$ _____

U_{inf}

1.25

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

U_{inf}

.25/Div

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

U_{inf}

.25

.05/Div

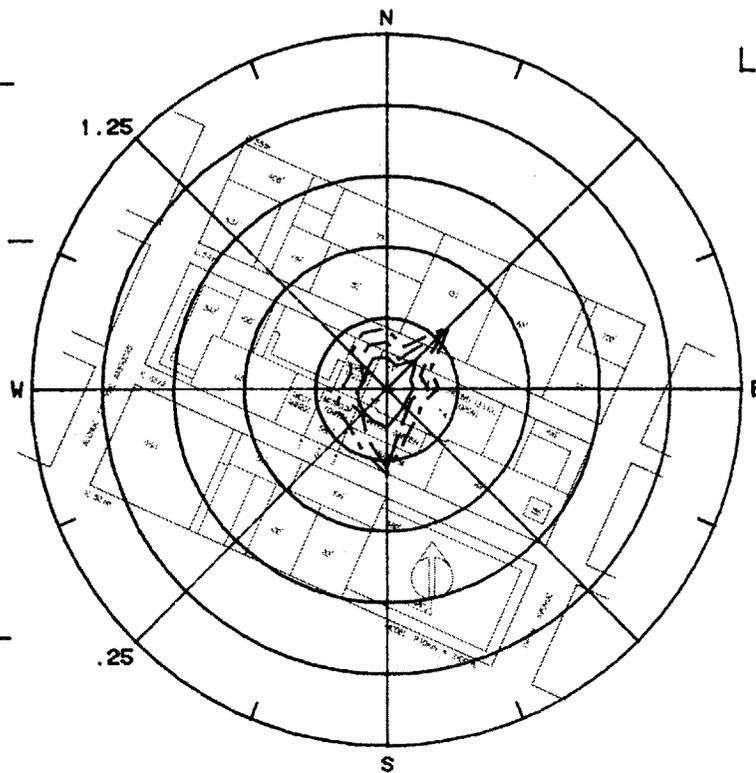


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

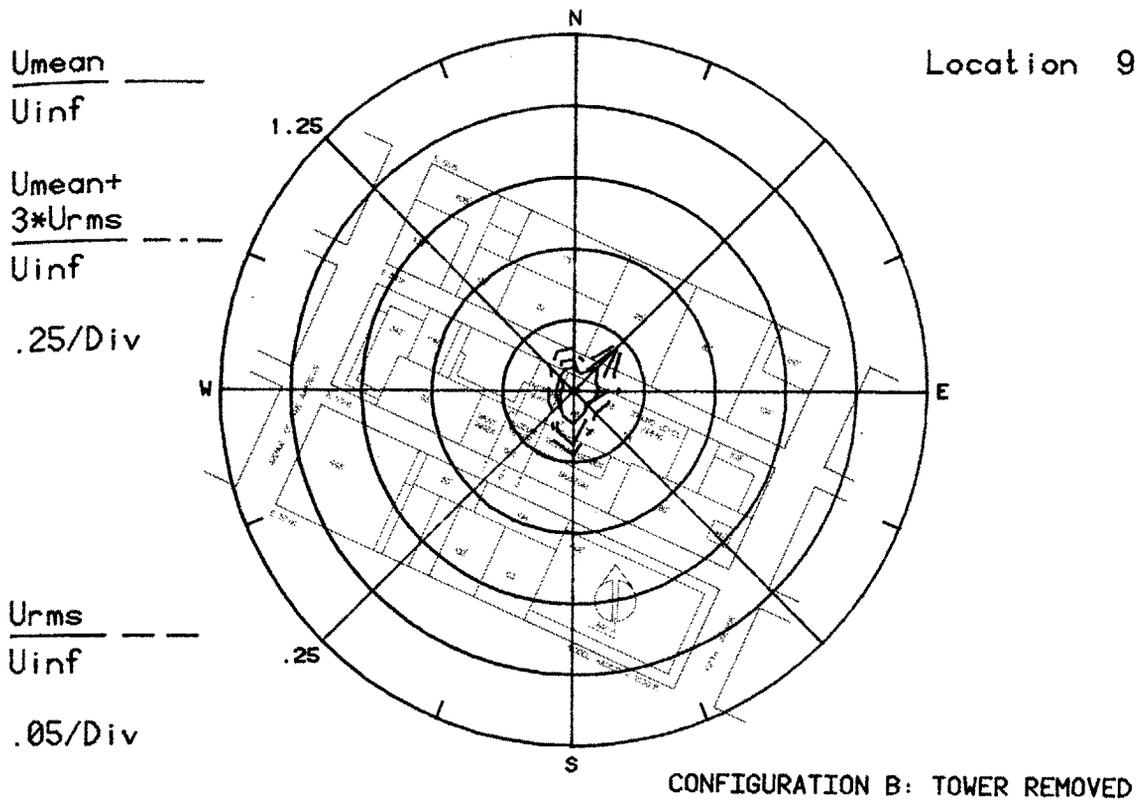


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Location 9

CONFIGURATION A: TOWER IN PLACE

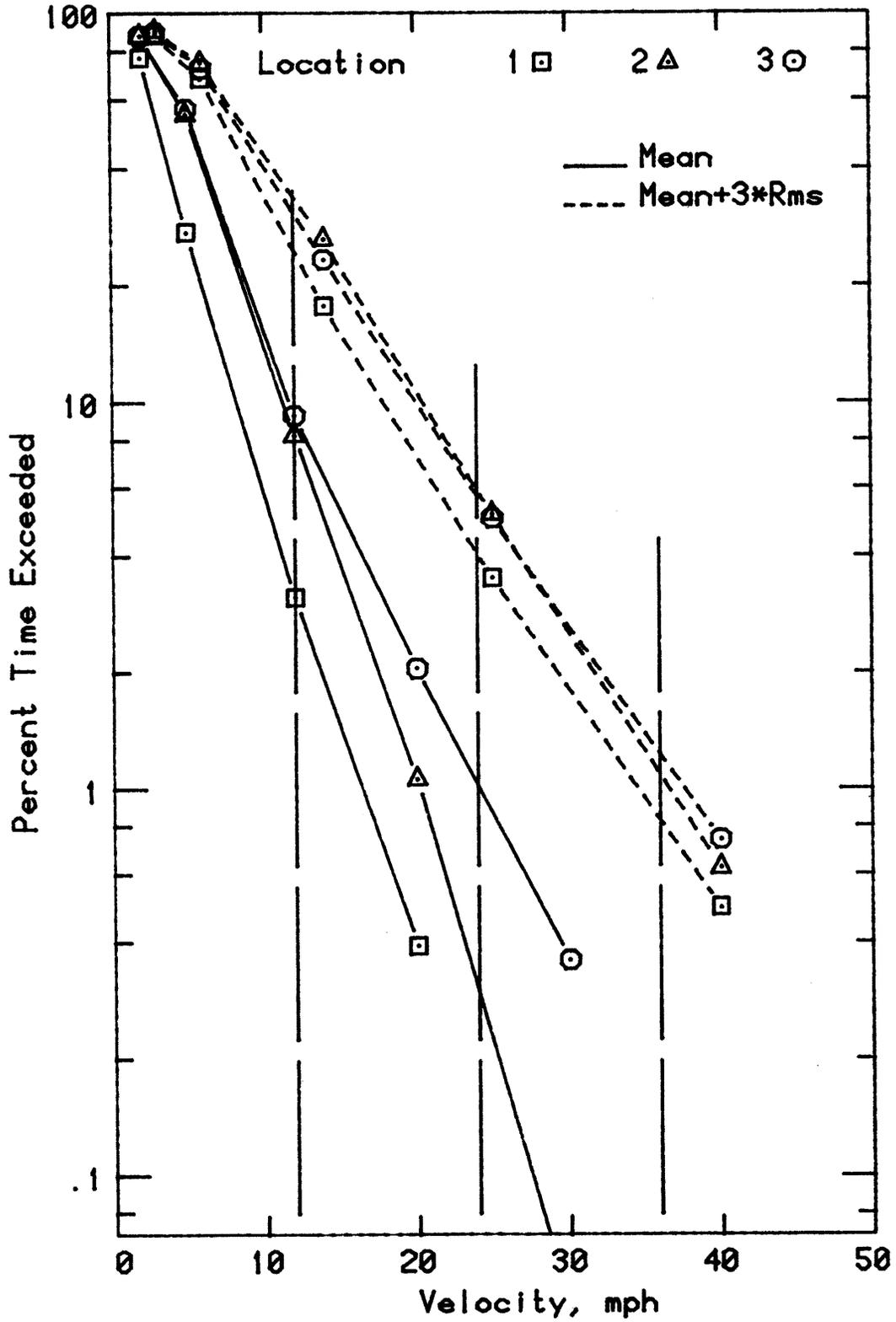


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

CONFIGURATION A: TOWER IN PLACE

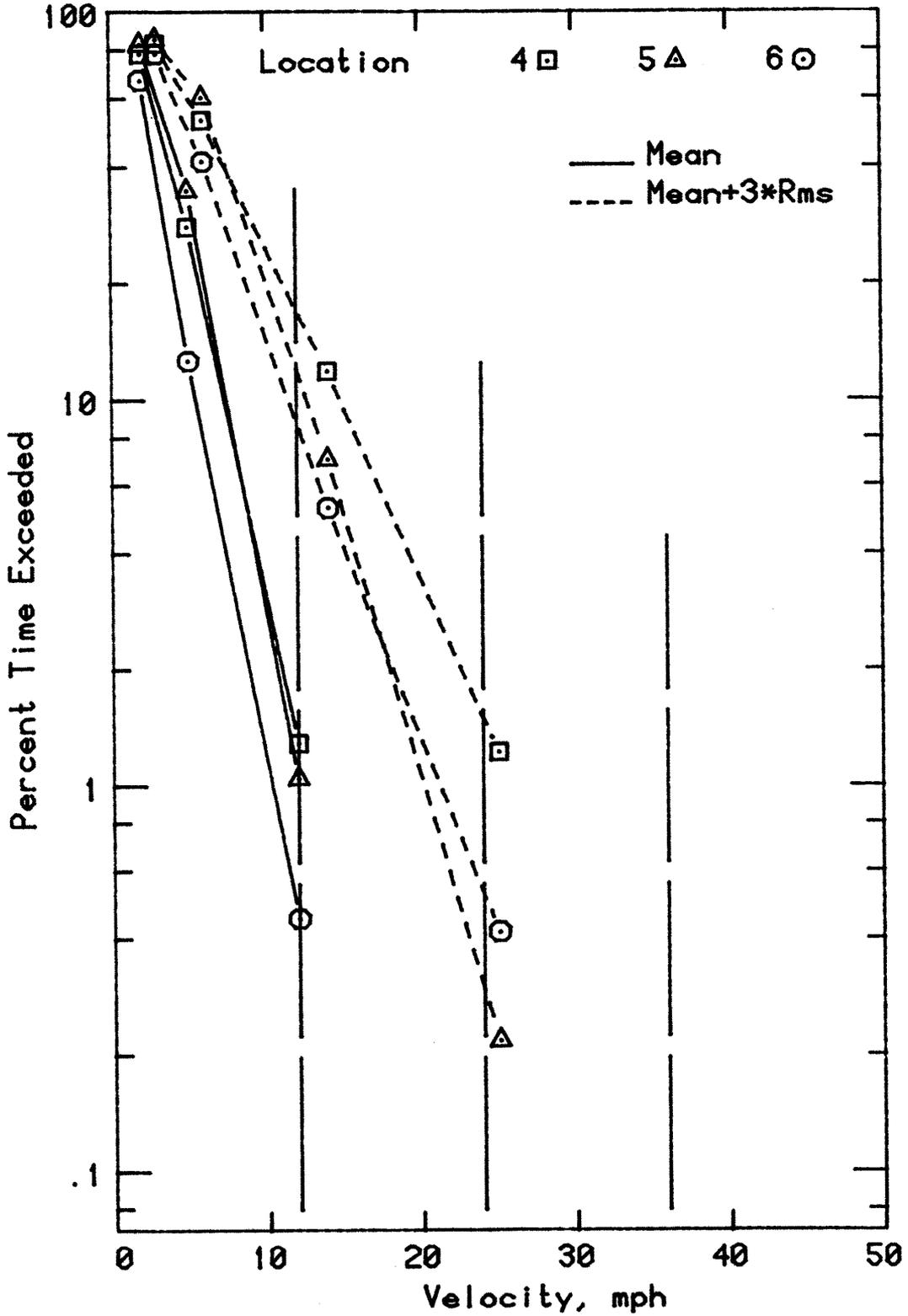


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

CONFIGURATION A: TOWER IN PLACE

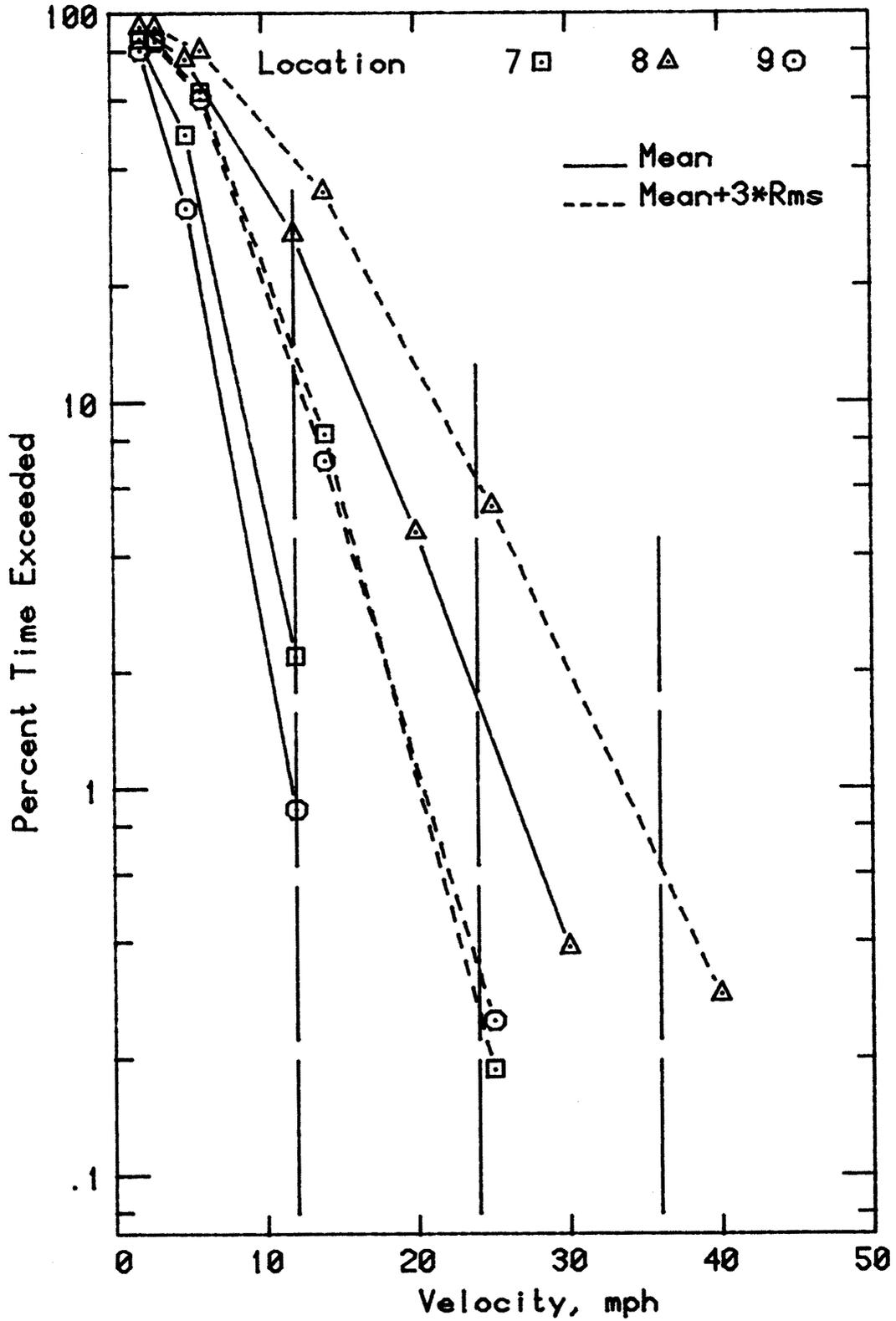


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

CONFIGURATION B: TOWER REMOVED

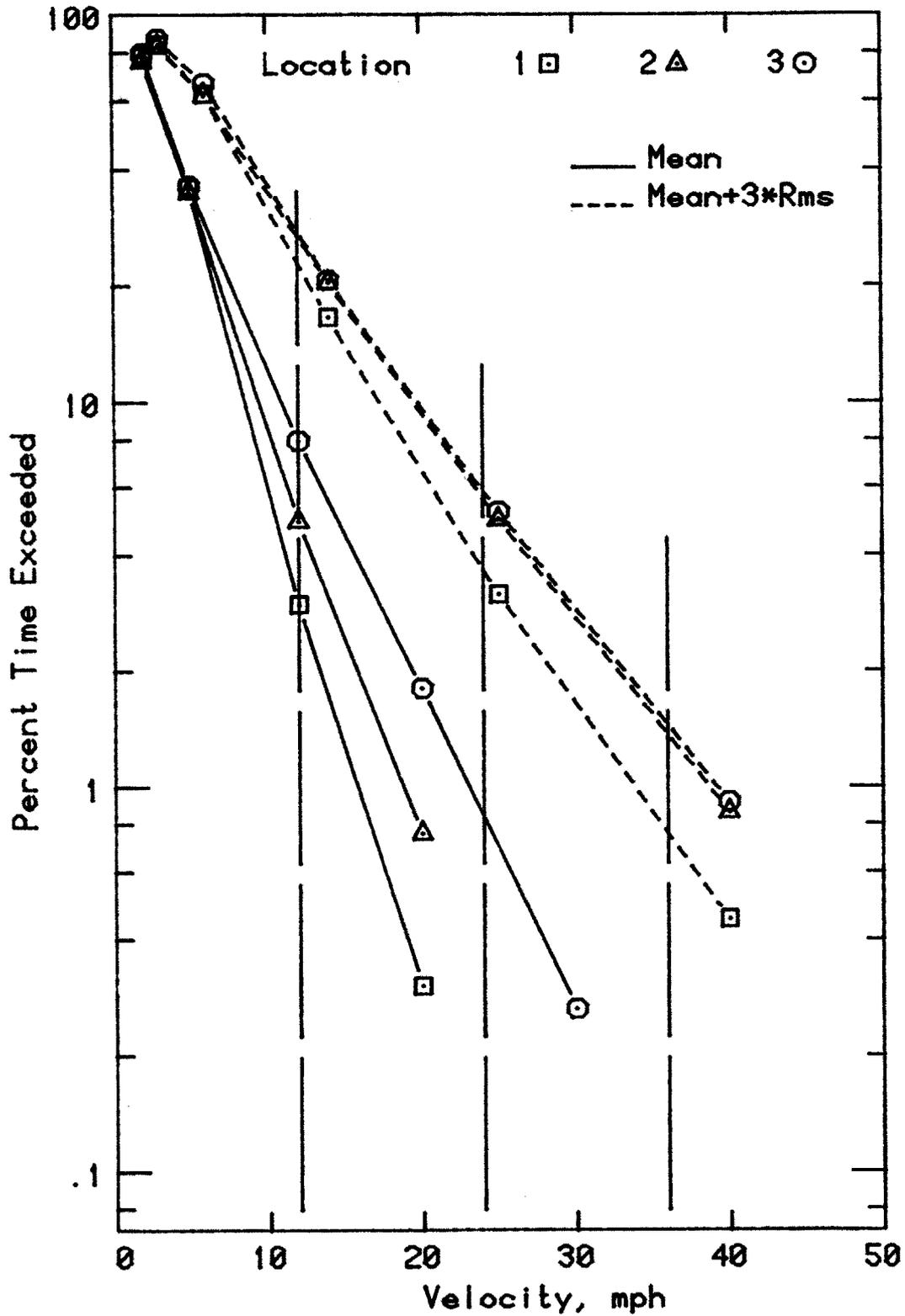


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

CONFIGURATION B: TOWER REMOVED

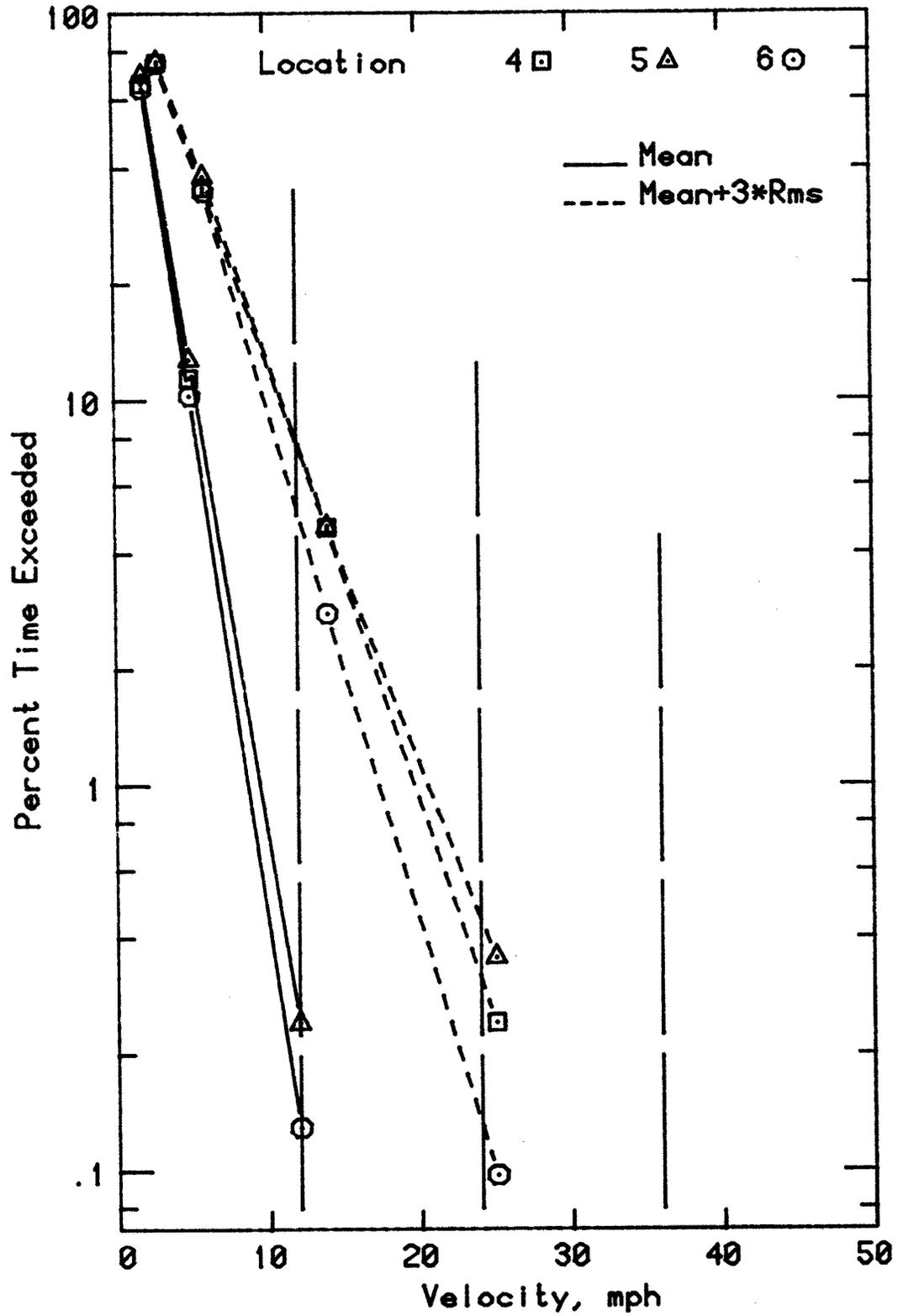


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

CONFIGURATION B: TOWER REMOVED

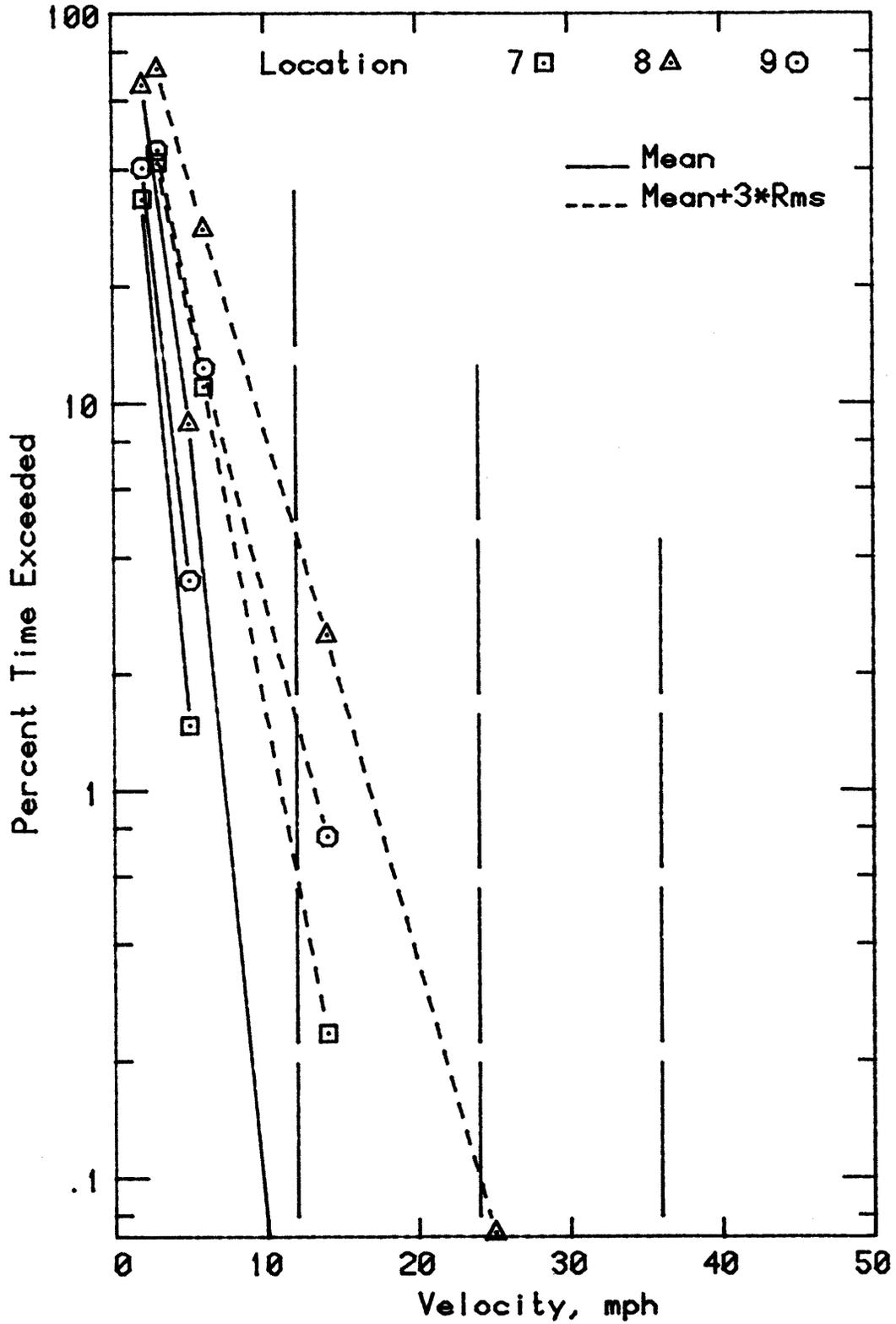


Figure 9f. Wind Velocity Probabilities for Pedestrian Locations

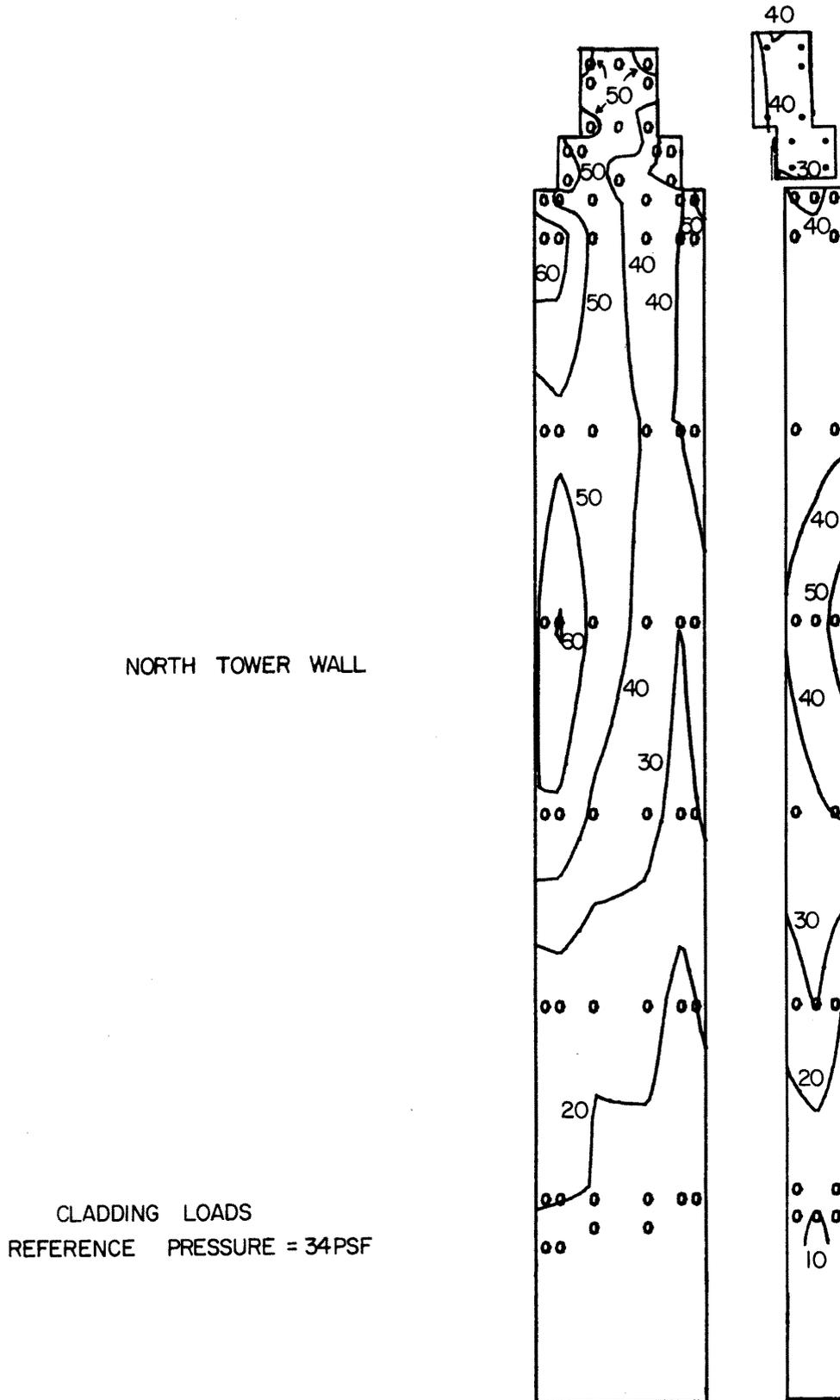


Figure 10a. Contours of Peak External Pressures

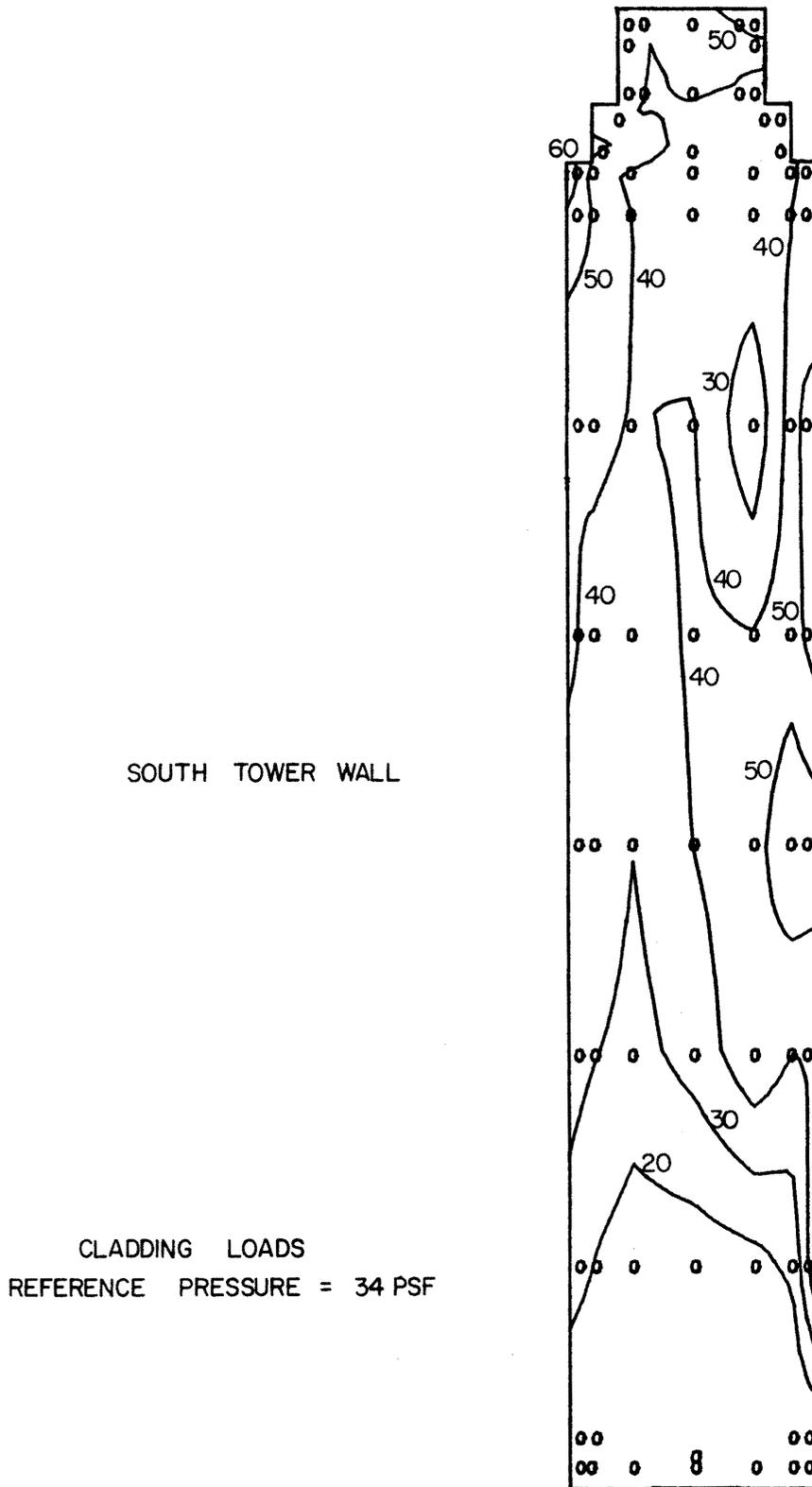


Figure 10c. Contours of Peak External Pressures

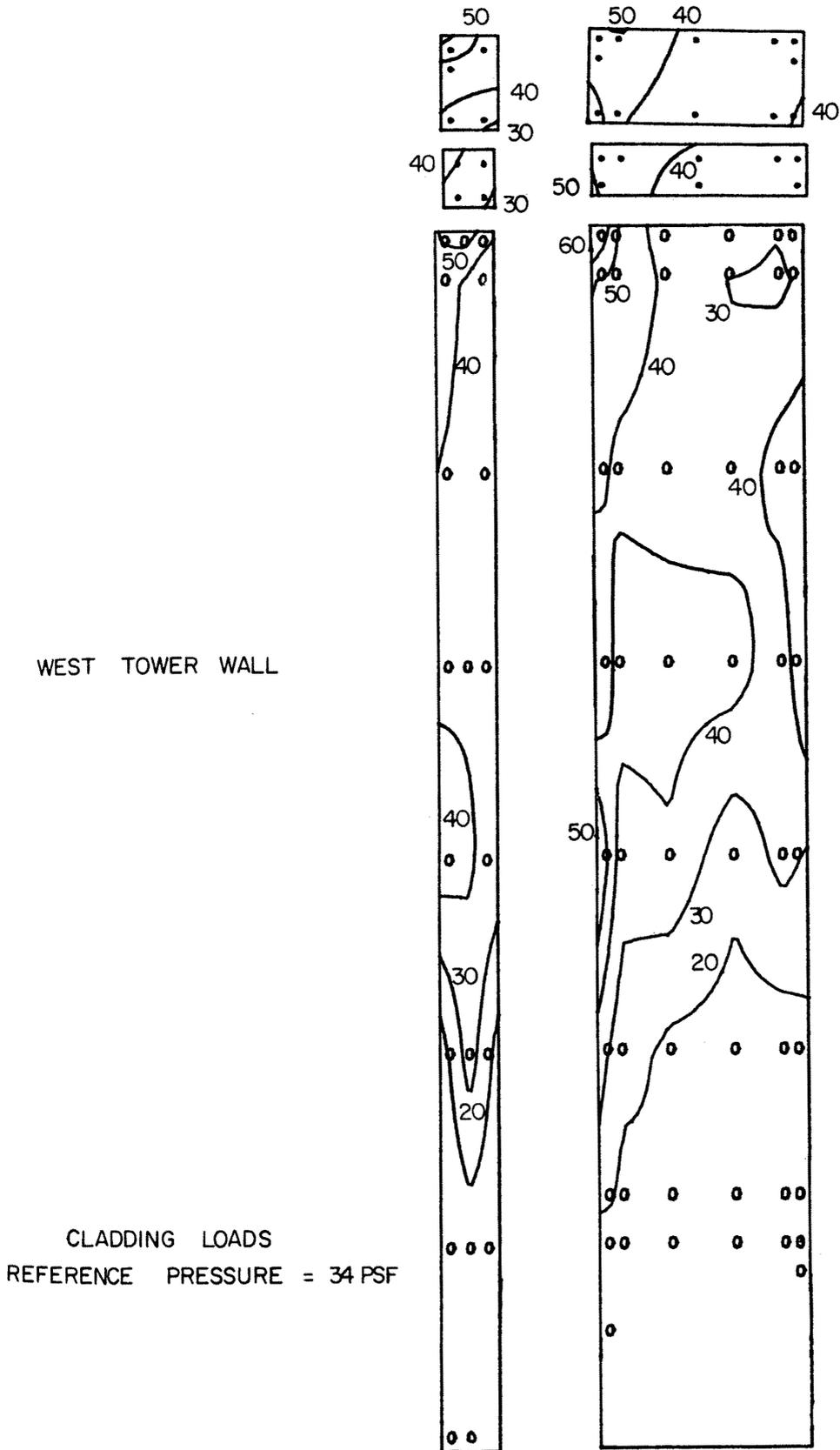


Figure 10d. Contours of Peak External Pressures

NORTH TOWER WALL

GLASS LOADS
REFERENCE PRESSURE = 34 PSF
GLASS LOAD FACTOR = 0.73

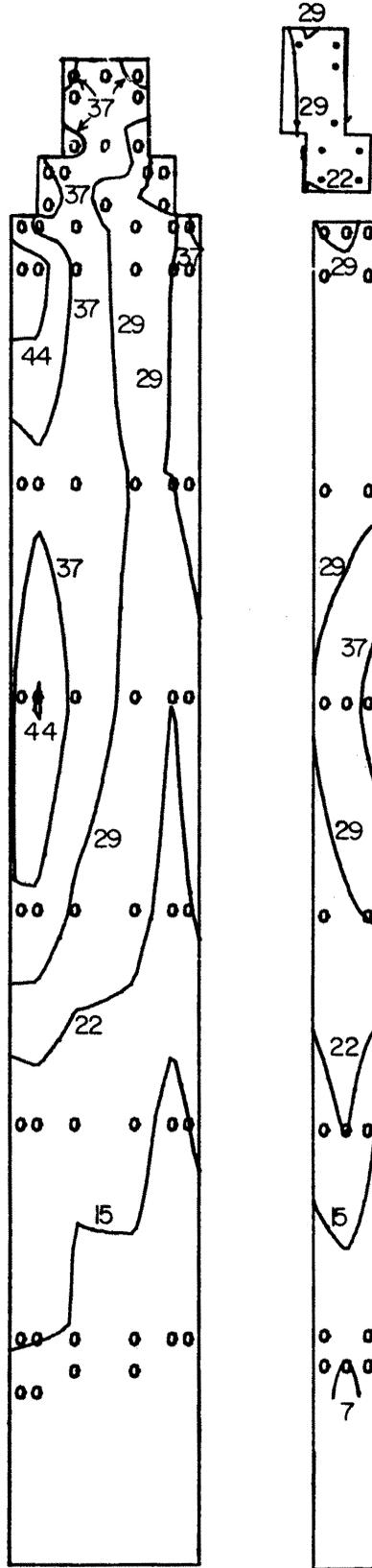


Figure 10e. Contours of Peak External Pressures

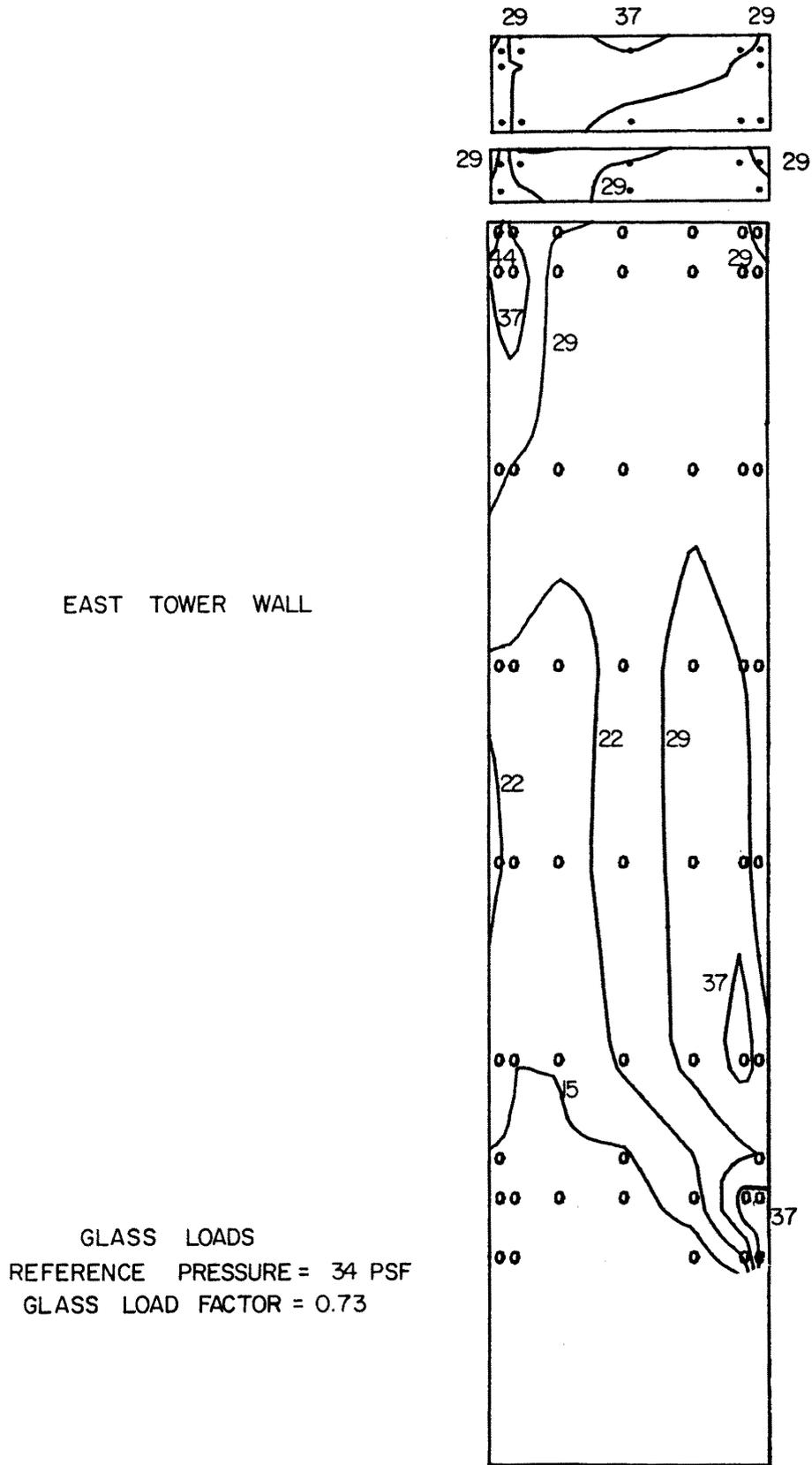


Figure 10f. Contours of Peak External Pressures

SOUTH TOWER WALL

GLASS LOADS
 REFERENCE PRESSURE = 34 PSF
 GLASS LOAD FACTOR = 0.73

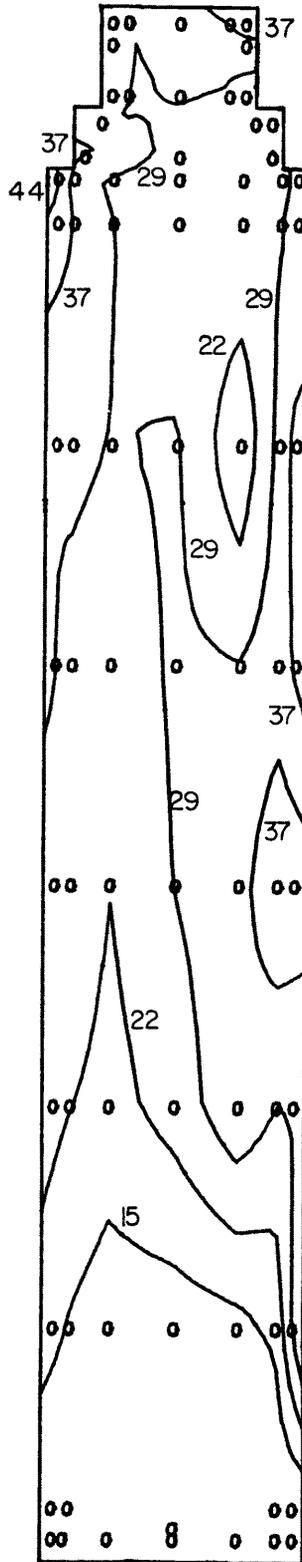
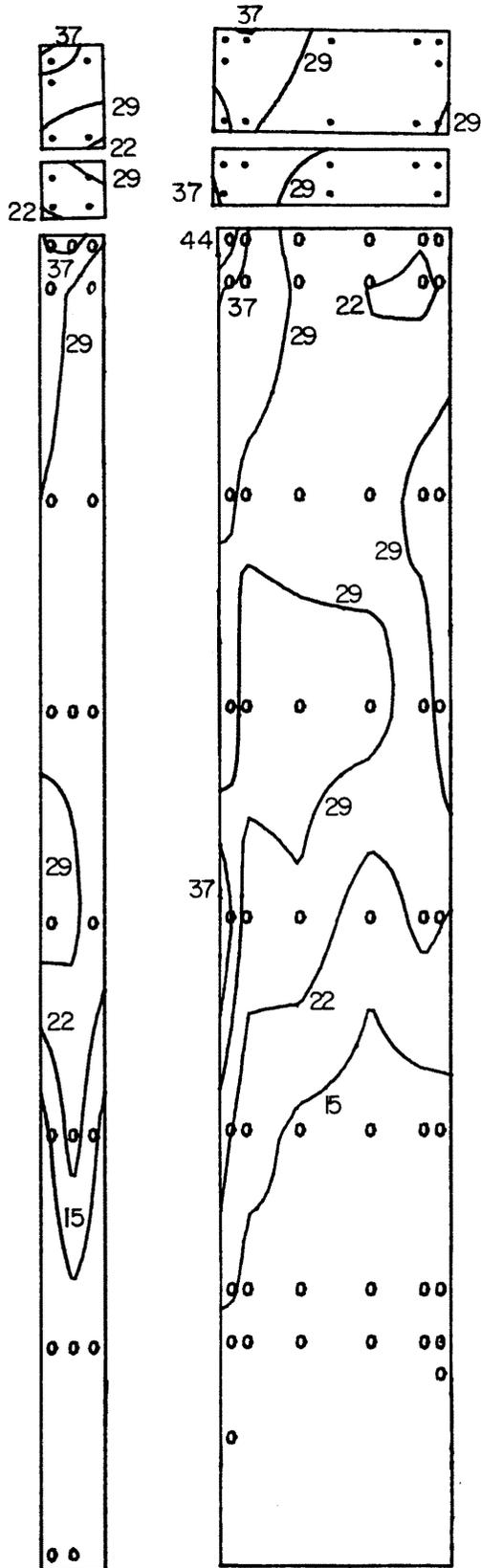


Figure 10g. Contours of Peak External Pressures



WEST TOWER WALL

GLASS LOADS
REFERENCE PRESSURE = 34 PSF
GLASS LOAD FACTOR = 0.73

Figure 10h. Contours of Peak External Pressures

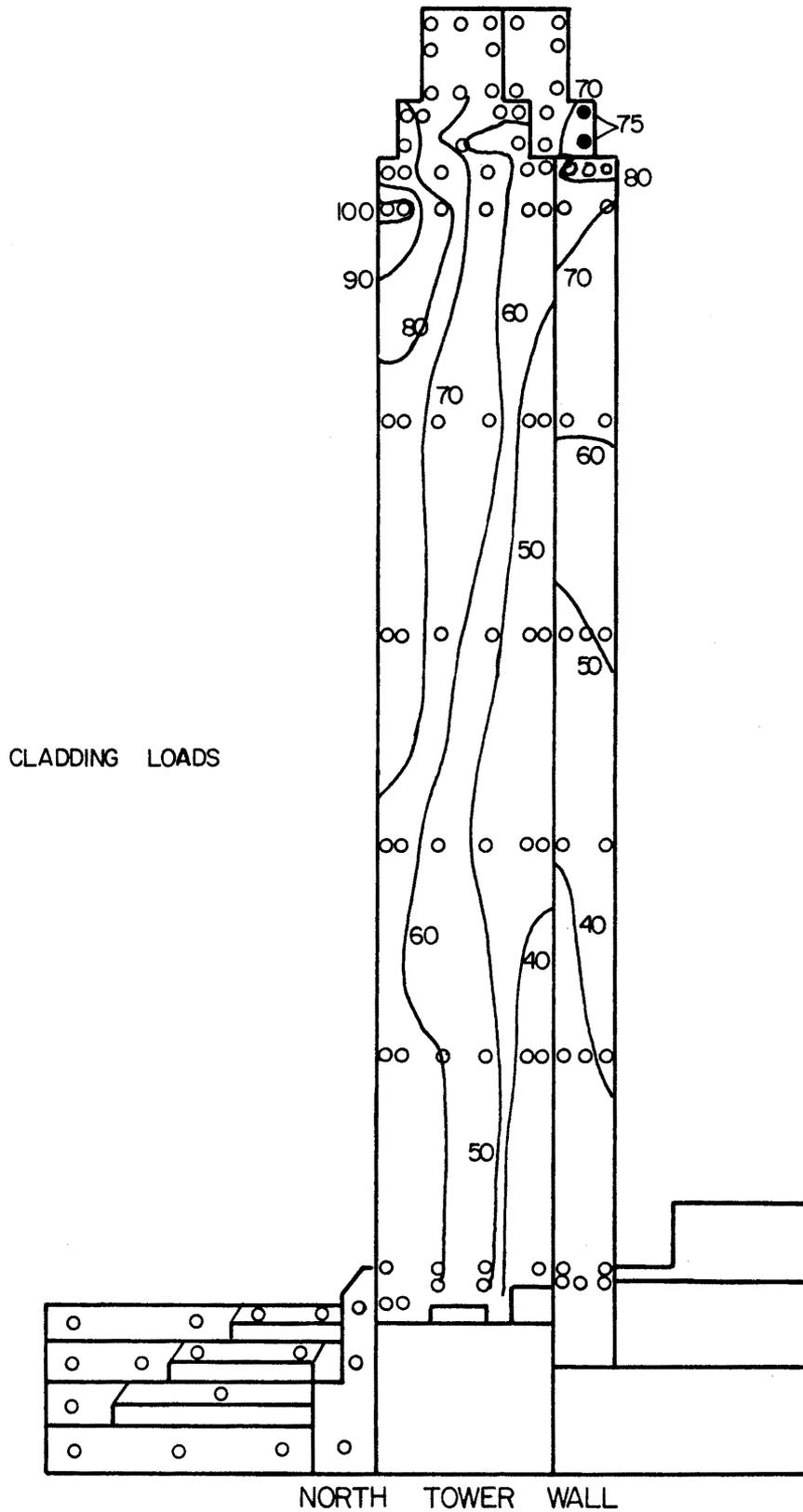
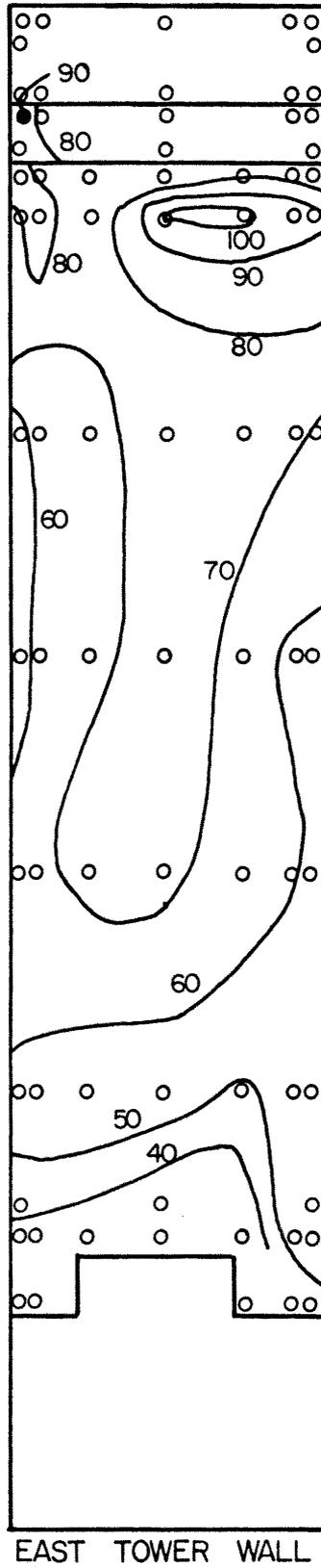


Figure 11a. Contours of Peak Pressure Including Effects of Operable Windows



CLADDING LOADS

Figure 11 b. Contours of Peak Pressure Including Effects of Operable Windows

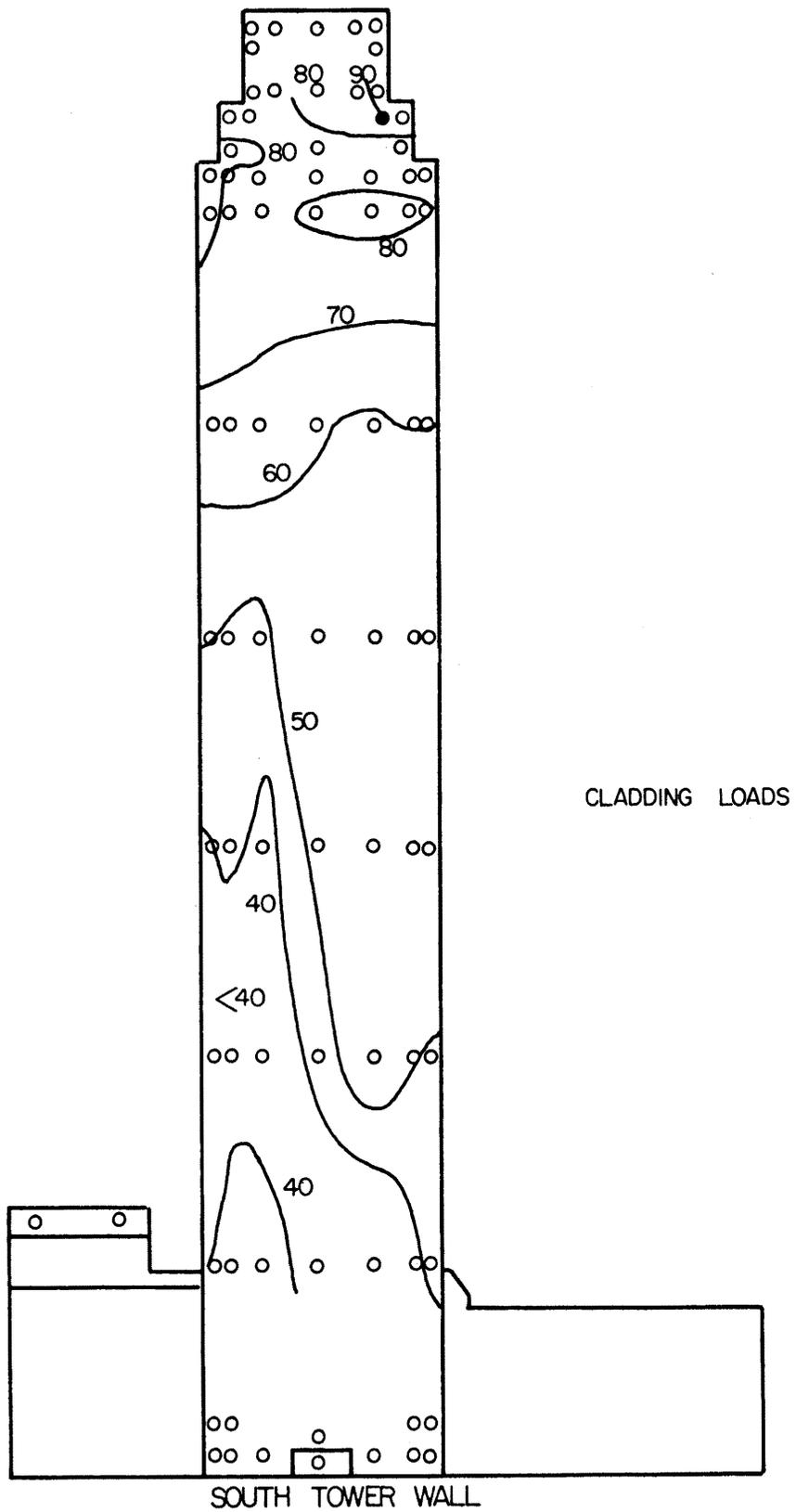


Figure 11c. Contours of Peak Pressure Including Effects of Operable Windows

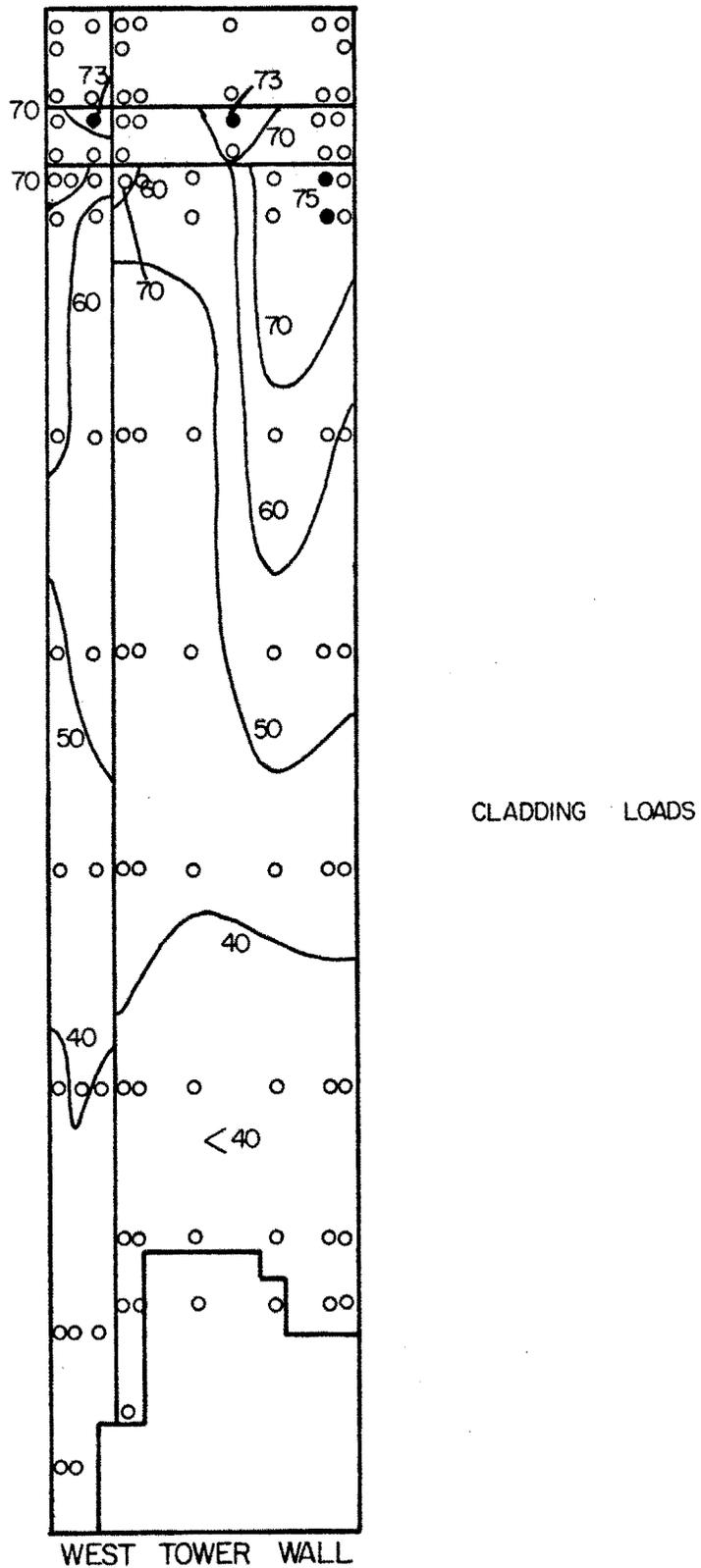


Figure 11d. Contours of Peak Pressure Including Effects of Operable Windows

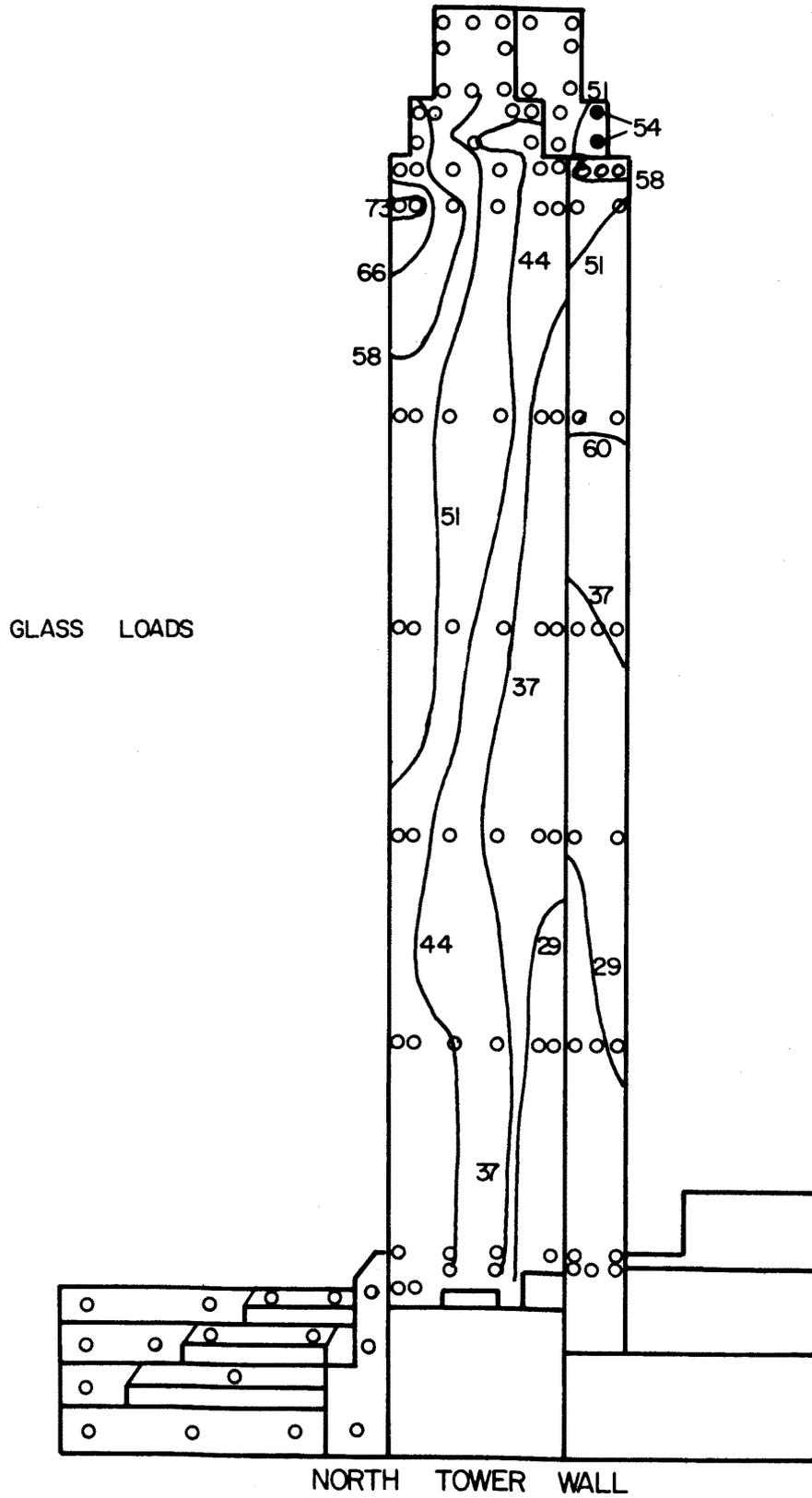
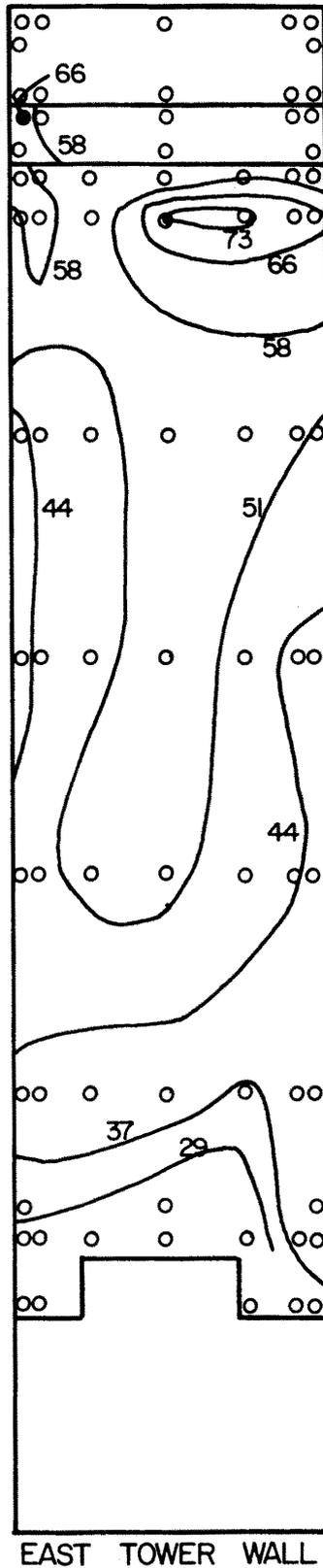


Figure 11e. Contours of Peak Pressure Including Effects of Operable Windows



GLASS LOADS

Figure 11 f. Contours of Peak Pressure Including Effects of Operable Windows

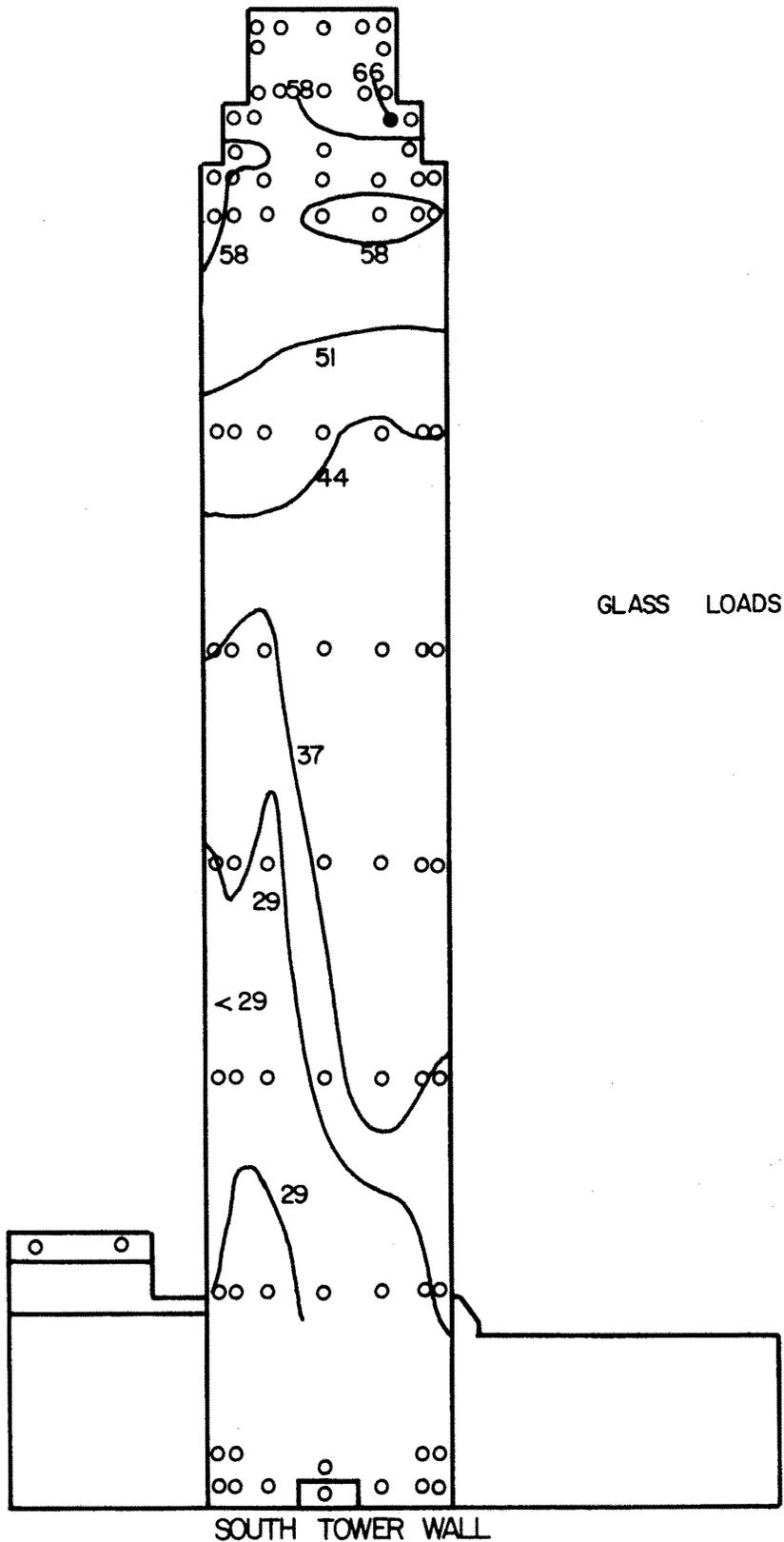


Figure 11g. Contours of Peak Pressure Including Effects of Operable Windows

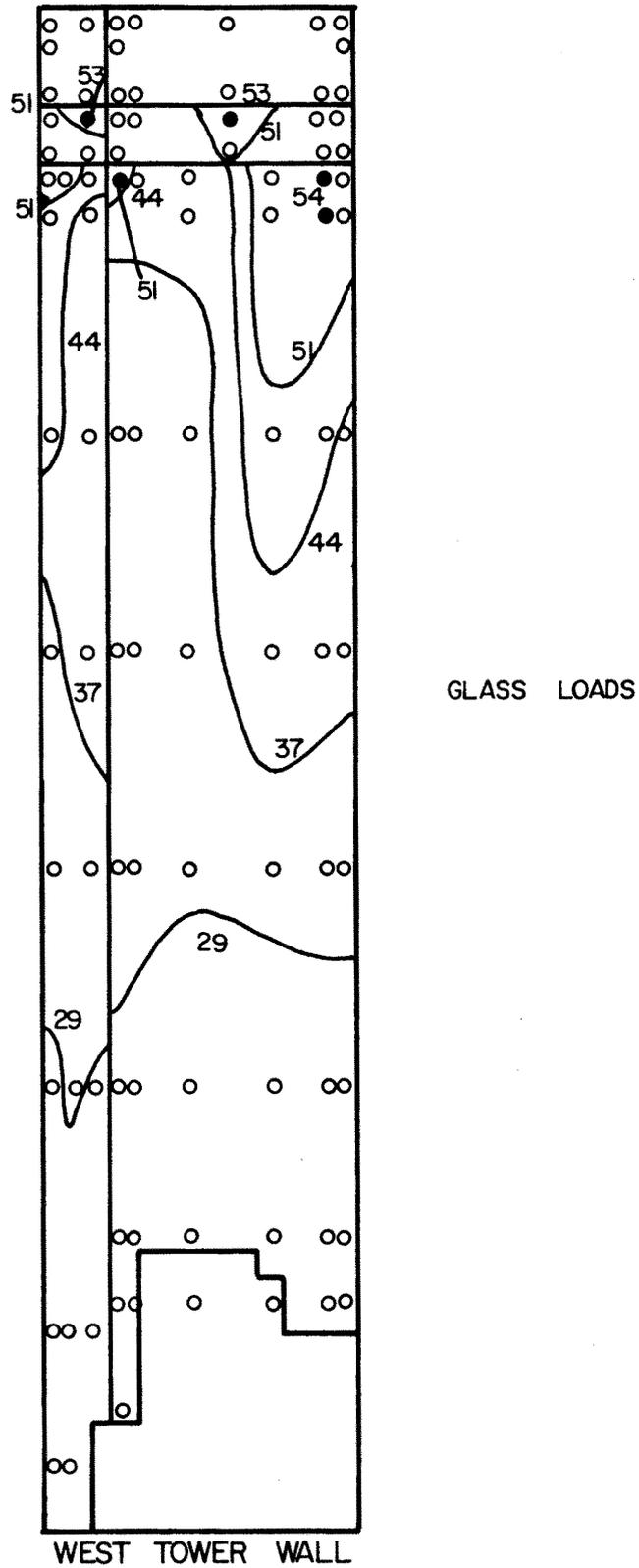


Figure 11 h. Contours of Peak Pressure Including Effects of Operable Windows

TABLES

TABLE 1

MOTION PICTURE SCENE GUIDE

<u>Run No.</u>	<u>Approach Wind Azimuth, degrees</u>	<u>Tower in place or not in place</u>
1	113	In
2	113	Not In
3	23	In
4	23	Not In
5	293	In
6	293	Not In
7	248	In
8	248	Not In
9	203	In
10	203	Not In
11	158	In
12	158	Not In

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PEDESTRIAN VELOCITIES WITH TOWER IN

LOCATION 1				LOCATION 2			
WIND AZIMUTH	UMEAN/UIHF (PERCENT)	URMS/UIHF (PERCENT)	UMEAN+3*URMS/UIHF (PERCENT)	WIND AZIMUTH	UMEAN/UIHF (PERCENT)	URMS/UIHF (PERCENT)	UMEAN+3*URMS/UIHF (PERCENT)
00	11.5	7.9	35.1	00	27.5	10.7	59.6
20	7.6	5.7	24.8	20	15.5	5.6	32.4
40	29.4	11.0	62.3	40	35.5	8.4	62.0
60	30.2	9.3	58.2	60	33.7	8.3	60.6
80	17.9	5.5	34.4	80	23.3	4.8	37.7
100	19.7	4.9	24.5	100	18.5	4.2	31.2
120	11.2	4.2	23.7	120	20.9	3.3	30.8
140	11.3	3.9	11.0	140	10.7	3.0	19.8
160	9.9	3.2	24.8	160	14.1	3.7	25.0
180	4.4	2.9	13.0	180	11.4	3.1	20.5
200	12.8	7.0	40.4	200	19.9	7.7	41.2
220	22.2	11.1	45.7	220	33.9	5.5	53.3
240	16.0	8.8	34.7	240	28.5	6.2	47.2
260	10.2	6.8	24.9	260	21.1	5.5	35.5
280	17.1	6.6	32.4	280	11.5	4.7	19.7
300	15.4	6.4	34.8	300	19.2	6.9	35.6
320				320			
340				340			
360				360			

LOCATION 3				LOCATION 4			
WIND AZIMUTH	UMEAN/UIHF (PERCENT)	URMS/UIHF (PERCENT)	UMEAN+3*URMS/UIHF (PERCENT)	WIND AZIMUTH	UMEAN/UIHF (PERCENT)	URMS/UIHF (PERCENT)	UMEAN+3*URMS/UIHF (PERCENT)
00	29.9	5.5	58.3	00	13.9	4.8	28.2
20	14.0	3.5	30.5	20	12.2	4.2	25.4
40	43.3	8.0	67.3	40	22.0	7.9	45.8
60	23.5	3.1	59.2	60	22.5	6.6	42.3
80	36.7	4.2	39.4	80	24.5	5.8	41.9
100	30.0	3.9	32.0	100	12.4	4.1	24.8
120	10.1	3.1	31.1	120	15.3	4.9	30.1
140	10.0	2.7	18.0	140	11.6	3.2	21.2
160	9.2	2.4	24.0	160	22.1	4.4	30.3
180	22.9	6.0	42.3	180	14.2	3.3	30.3
200	22.2	6.6	47.4	200	10.2	3.5	17.6
220	11.9	6.0	34.7	220	11.0	3.0	19.2
240	17.7	6.3	28.0	240	14.5	4.4	24.4
260	14.2	6.3	39.1	260	13.1	3.9	20.5
280	24.2	5.5	32.4	280	21.7	6.9	40.7
300	17.7	5.5	34.3	300	17.1	6.1	35.4
320				320			
340				340			
360				360			

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PEDESTRIAN VELOCITIES WITH TOWER IN

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	11.1	4.3	31.1
22.5	11.1	4.3	31.1
45.0	11.1	4.3	31.1
67.5	11.1	4.3	31.1
90.0	11.1	4.3	31.1
112.5	11.1	4.3	31.1
135.0	11.1	4.3	31.1
157.5	11.1	4.3	31.1
180.0	11.1	4.3	31.1
202.5	11.1	4.3	31.1
225.0	11.1	4.3	31.1
247.5	11.1	4.3	31.1
270.0	11.1	4.3	31.1
292.5	11.1	4.3	31.1
315.0	11.1	4.3	31.1
337.5	11.1	4.3	31.1

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	11.8	3.9	23.5
22.5	10.3	3.0	19.4
45.0	17.0	6.4	36.3
67.5	21.8	6.8	42.2
90.0	27.5	7.4	49.7
112.5	15.6	4.6	29.5
135.0	14.2	4.8	28.6
157.5	15.9	2.8	17.7
180.0	15.9	8.1	39.9
202.5	11.1	2.2	18.8
225.0	9.9	3.3	18.8
247.5	8.8	3.3	15.5
270.0	8.8	3.3	16.6
292.5	10.3	6.6	21.4
315.0	11.1	3.3	24.4
337.5	14.2	3.0	32.3

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	20.9	5.1	36.1
22.5	18.0	4.3	31.9
45.0	16.6	4.3	31.9
67.5	16.6	4.3	31.9
90.0	16.6	4.3	31.9
112.5	16.6	4.3	31.9
135.0	16.6	4.3	31.9
157.5	16.6	4.3	31.9
180.0	16.6	4.3	31.9
202.5	16.6	4.3	31.9
225.0	16.6	4.3	31.9
247.5	16.6	4.3	31.9
270.0	16.6	4.3	31.9
292.5	16.6	4.3	31.9
315.0	16.6	4.3	31.9
337.5	16.6	4.3	31.9

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0	31.5	6.4	50.6
22.5	32.0	4.8	47.0
45.0	30.0	5.7	47.2
67.5	21.4	6.4	40.0
90.0	20.4	5.5	37.1
112.5	26.7	4.4	44.3
135.0	31.0	4.4	50.1
157.5	41.1	2.2	51.2
180.0	45.0	9.0	68.4
202.5	45.0	2.8	53.6
225.0	45.0	1.1	49.4
247.5	45.0	1.1	48.2
270.0	45.0	1.1	43.0
292.5	39.9	1.1	43.3
315.0	36.6	2.2	57.4
337.5	37.0	3.9	49.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 PEDESTRIAN VELOCITIES WITH TOWER IN

LOCATION 9

WIND AZIMUTH	UMEAN/UIHF (PERCENT)	URMS/UIHF (PERCENT)	UMEAN+3*URMS/UIHF (PERCENT)
0.00	14.0	4.4	27.3
22.50	17.5	5.8	32.0
45.00	17.00	5.4	32.1
67.50	13.22	4.2	25.8
90.00	16.00	5.1	32.2
112.50	14.22	3.8	25.7
135.00	15.22	4.0	27.2
157.50	15.33	5.0	30.3
180.00	14.00	4.8	28.3
202.50	18.33	5.0	33.4
225.00	21.33	5.4	31.5
247.50	21.66	5.4	30.4
270.00	18.66	5.9	30.4
292.50	17.00	5.2	29.8
315.00	14.00	4.8	27.6
337.50	14.0	4.8	27.6

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PEDESTRIAN VELOCITIES WITH TOWER REMOVED

LOCATION 1				LOCATION 2			
WIND AZINUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)	WIND AZINUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	20.2	9.0	47.3	0.00	31.3	10.9	64.1
22.50	14.9	7.7	37.6	22.50	11.9	10.4	28.1
45.00	28.0	10.7	60.8	45.00	33.1	12.4	70.5
67.50	18.2	7.7	41.1	67.50	26.5	12.2	63.2
90.00	9.4	3.3	19.0	90.00	8.5	2.5	16.3
112.50	8.5	2.2	13.6	112.50	7.4	1.9	13.1
135.00	7.7	1.1	10.0	135.00	7.5	1.6	12.4
157.50	10.3	4.4	22.7	157.50	8.4	1.9	14.1
180.00	15.9	5.5	31.1	180.00	11.4	4.3	24.1
202.50	16.1	5.5	32.2	202.50	12.6	4.0	24.5
225.00	22.3	6.6	40.5	225.00	19.7	6.3	38.5
247.50	23.4	6.6	43.1	247.50	24.8	8.1	49.1
270.00	15.4	4.4	28.8	270.00	14.3	4.4	29.0
292.50	15.4	4.4	28.8	292.50	14.3	4.4	29.0
315.00	15.0	4.4	29.9	315.00	14.2	4.0	14.3
337.50	14.7	4.9	29.4	337.50	9.6	3.0	18.6

LOCATION 3				LOCATION 4			
WIND AZINUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)	WIND AZINUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	39.4	9.3	67.3	0.00	14.2	4.1	26.4
22.50	15.1	7.7	36.6	22.50	10.7	3.7	21.7
45.00	39.7	10.7	71.1	45.00	14.1	3.9	33.8
67.50	30.5	10.4	61.1	67.50	9.9	3.9	18.7
90.00	11.9	4.6	23.1	90.00	9.7	3.0	18.8
112.50	11.1	3.4	20.3	112.50	8.3	2.0	14.2
135.00	12.4	4.4	26.6	135.00	10.8	3.3	20.4
157.50	9.9	3.3	18.6	157.50	10.7	3.5	21.3
180.00	11.1	3.3	21.1	180.00	19.1	8.2	45.7
202.50	11.0	3.3	19.9	202.50	11.0	3.7	22.2
225.00	19.4	4.0	30.0	225.00	9.9	3.2	18.3
247.50	19.4	4.0	30.0	247.50	9.1	2.2	15.7
270.00	13.3	3.3	22.9	270.00	8.4	2.2	14.6
292.50	13.3	3.3	22.9	292.50	10.1	3.1	19.9
315.00	13.9	3.3	23.9	315.00	12.1	3.1	23.9
337.50	10.4	3.3	22.4	337.50	17.6	8.9	35.1

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PEDESTRIAN VELOCITIES WITH TOWER REMOVED

LOCATION 5

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.8	5.1	33.1
22.50	11.3	3.2	20.9
45.00	15.1	6.6	34.6
67.50	10.8	3.2	20.3
90.00	10.7	3.1	19.9
112.50	9.1	2.2	16.5
135.00	14.4	4.4	30.9
157.50	10.7	3.2	20.3
180.00	14.4	4.4	30.9
202.50	13.7	3.9	26.6
225.00	9.8	2.2	16.5
247.50	10.1	2.2	16.3
270.00	9.6	1.7	14.7
292.50	8.5	1.6	13.3
315.00	12.4	3.5	22.8
337.50	17.2	4.5	30.7

LOCATION 6

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	17.6	5.7	34.7
22.50	10.2	3.1	19.5
45.00	11.6	6.6	24.3
67.50	10.9	4.4	24.4
90.00	13.5	5.0	28.6
112.50	10.9	6.0	16.8
135.00	10.8	6.1	20.1
157.50	15.7	4.8	17.8
180.00	12.2	4.8	41.4
202.50	11.1	6.1	25.9
225.00	11.1	6.6	14.6
247.50	8.8	5.0	14.2
270.00	8.9	5.5	16.4
292.50	8.8	5.0	15.7
315.00	11.4	5.5	21.9
337.50	14.5	6.2	30.1

LOCATION 7

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	9.0	2.9	17.8
22.50	7.6	2.2	14.3
45.00	8.8	3.2	18.5
67.50	7.4	2.0	13.3
90.00	8.0	2.2	14.8
112.50	6.4	1.1	10.4
135.00	6.6	1.7	11.5
157.50	8.0	2.2	14.9
180.00	6.9	4.4	24.7
202.50	6.6	2.2	17.3
225.00	6.6	1.1	10.8
247.50	6.6	1.1	11.1
270.00	6.6	1.1	11.1
292.50	6.6	1.1	11.1
315.00	6.6	1.1	11.1
337.50	9.4	3.3	19.4

LOCATION 8

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	11.3	3.3	21.2
22.50	9.1	2.3	16.0
45.00	14.5	5.5	31.0
67.50	9.1	2.3	16.8
90.00	9.5	2.3	18.5
112.50	7.9	1.9	13.6
135.00	8.8	2.7	15.0
157.50	8.8	2.7	15.0
180.00	13.3	5.5	29.9
202.50	11.1	3.3	18.8
225.00	11.1	3.3	18.8
247.50	11.1	3.3	18.8
270.00	10.0	2.7	16.6
292.50	10.0	2.7	16.6
315.00	9.8	2.7	17.5
337.50	11.7	3.3	21.7

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
PEDESTRIAN VELOCITIES WITH TOWER REMOVED

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	8.3	2.3	15.1
22.50	16.8	1.2	10.4
45.00	12.3	4.4	25.9
67.50	8.3	2.2	15.4
90.00	8.9	2.3	16.4
112.50	7.6	1.6	12.4
135.00	7.1	1.3	10.9
157.50	8.7	2.2	15.4
180.00	11.4	3.8	22.6
202.50	9.6	3.0	18.7
225.00	6.8	1.2	10.5
247.50	6.6	1.0	9.6
270.00	6.4	.9	9.0
292.50	6.1	.8	8.6
315.00	7.0	1.4	14.0
337.50	8.4	2.4	15.2

TABLE 3

ANNUAL PERCENTAGE FREQUENCIES OF WIND DIRECTION AND SPEED

Based on Summary of Hourly Observations
 Central Park Observatory, New York City
 1961 - 1965
 Anemometer Elevation = 67 ft above ground

Annual Hourly Observations of Wind Speed - Miles Per Hour

<u>Direction</u>	<u>0-3</u>	<u>4-7</u>	<u>8-12</u>	<u>13-18</u>	<u>19-24</u>	<u>Total</u>
N	1.5	3.5	4.8	1.5	.3	11.5
NE	.8	2.5	4.5	3.0	.8	11.5
E	.8	2.0	1.8	.3		4.8
SE	.8	2.5	4.0	.5		7.8
S	.8	2.5	3.5	.5		7.3
SW	1.5	6.0	11.5	2.8	.3	22.0
W	3.3	6.25	8.3	3.5	.5	21.8
NW	1.3	3.5	5.0	3.3	.5	13.5
Total	10.5	28.8	43.3	15.3	2.3	100.0

TABLE 4
SUMMARY OF WIND EFFECTS ON PEOPLE

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

Note: Table from Reference 4, p. 40

TABLE 5

CALCULATION OF REFERENCE PRESSURE

1. Basic Wind Speed from ANSI A58.1 (Ref. 5):

50-yr fastest mile at 30 ft = 80 mph.

Mean hourly wind speed, 30 ft = $\frac{80}{1.27} = 63.0$ mph.

Mean hourly gradient wind speed = $63 \left(\frac{1000}{30}\right)^{.17} = 114.3$ mph.

Reference wind speed U_{∞} = gradient wind speed.

Reference pressure = $0.5 \rho U_{\infty}^2 = 0.00256 (114.3)^2 = 33.5$ psf.

Use 34 psf.

2. Calculation of 1 minute equivalent glass pressures from cladding peak pressures: multiply by glass load factor = 0.73 (ref. 8).

3. Loads for 100-yr recurrence wind:

100-yr fastest mile at 30 ft = 90 mph (ref. 5).

Multiply 50-yr loads by $\left(\frac{90}{80}\right)^2 = 1.27$.

4. Gust Load Factor (ref. 6):

<u>Gust Duration, sec</u>	<u>Gust Load Factor</u>
10-15	$(1.4)^2 = 1.96$
30	$(1.32)^2 = 1.74$

TABLE 6 -- LARGEST VALUE OF ABS(CPMAX) OR ABS(CMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT) MUSEUM TOWER BUILDING, NEW YORK

TAP	AZI - MUTH	PRESS COEFF	PEAK LOAD (PSF)	GLASS LOAD (PSF)	TAP	AZI - MUTH	PRESS COEFF	PEAK LOAD (PSF)	GLASS LOAD (PSF)	TAP	AZI - MUTH	PRESS COEFF	PEAK LOAD (PSF)	GLASS LOAD (PSF)
1	00	1.0	45	2	4	00	1.0	45	2	4	00	1.0	45	2
2	90	0.5	30	1	5	90	0.5	30	1	5	90	0.5	30	1
3	00	1.0	45	2	6	00	1.0	45	2	6	00	1.0	45	2
4	90	0.5	30	1	7	90	0.5	30	1	7	90	0.5	30	1
5	00	1.0	45	2	8	00	1.0	45	2	8	00	1.0	45	2
6	90	0.5	30	1	9	90	0.5	30	1	9	90	0.5	30	1
7	00	1.0	45	2	10	00	1.0	45	2	10	00	1.0	45	2
8	90	0.5	30	1	11	90	0.5	30	1	11	90	0.5	30	1
9	00	1.0	45	2	12	00	1.0	45	2	12	00	1.0	45	2
10	90	0.5	30	1	13	90	0.5	30	1	13	90	0.5	30	1
11	00	1.0	45	2	14	00	1.0	45	2	14	00	1.0	45	2
12	90	0.5	30	1	15	90	0.5	30	1	15	90	0.5	30	1
13	00	1.0	45	2	16	00	1.0	45	2	16	00	1.0	45	2
14	90	0.5	30	1	17	90	0.5	30	1	17	90	0.5	30	1
15	00	1.0	45	2	18	00	1.0	45	2	18	00	1.0	45	2
16	90	0.5	30	1	19	90	0.5	30	1	19	90	0.5	30	1
17	00	1.0	45	2	20	00	1.0	45	2	20	00	1.0	45	2
18	90	0.5	30	1	21	90	0.5	30	1	21	90	0.5	30	1
19	00	1.0	45	2	22	00	1.0	45	2	22	00	1.0	45	2
20	90	0.5	30	1	23	90	0.5	30	1	23	90	0.5	30	1
21	00	1.0	45	2	24	00	1.0	45	2	24	00	1.0	45	2
22	90	0.5	30	1	25	90	0.5	30	1	25	90	0.5	30	1
23	00	1.0	45	2	26	00	1.0	45	2	26	00	1.0	45	2
24	90	0.5	30	1	27	90	0.5	30	1	27	90	0.5	30	1
25	00	1.0	45	2	28	00	1.0	45	2	28	00	1.0	45	2
26	90	0.5	30	1	29	90	0.5	30	1	29	90	0.5	30	1
27	00	1.0	45	2	30	00	1.0	45	2	30	00	1.0	45	2
28	90	0.5	30	1	31	90	0.5	30	1	31	90	0.5	30	1
29	00	1.0	45	2	32	00	1.0	45	2	32	00	1.0	45	2
30	90	0.5	30	1	33	90	0.5	30	1	33	90	0.5	30	1
31	00	1.0	45	2	34	00	1.0	45	2	34	00	1.0	45	2
32	90	0.5	30	1	35	90	0.5	30	1	35	90	0.5	30	1
33	00	1.0	45	2	36	00	1.0	45	2	36	00	1.0	45	2
34	90	0.5	30	1	37	90	0.5	30	1	37	90	0.5	30	1
35	00	1.0	45	2	38	00	1.0	45	2	38	00	1.0	45	2
36	90	0.5	30	1	39	90	0.5	30	1	39	90	0.5	30	1
37	00	1.0	45	2	40	00	1.0	45	2	40	00	1.0	45	2
38	90	0.5	30	1	41	90	0.5	30	1	41	90	0.5	30	1
39	00	1.0	45	2	42	00	1.0	45	2	42	00	1.0	45	2
40	90	0.5	30	1	43	90	0.5	30	1	43	90	0.5	30	1
41	00	1.0	45	2	44	00	1.0	45	2	44	00	1.0	45	2
42	90	0.5	30	1	45	90	0.5	30	1	45	90	0.5	30	1
43	00	1.0	45	2	46	00	1.0	45	2	46	00	1.0	45	2
44	90	0.5	30	1	47	90	0.5	30	1	47	90	0.5	30	1
45	00	1.0	45	2	48	00	1.0	45	2	48	00	1.0	45	2
46	90	0.5	30	1	49	90	0.5	30	1	49	90	0.5	30	1
47	00	1.0	45	2	50	00	1.0	45	2	50	00	1.0	45	2
48	90	0.5	30	1	51	90	0.5	30	1	51	90	0.5	30	1
49	00	1.0	45	2	52	00	1.0	45	2	52	00	1.0	45	2
50	90	0.5	30	1	53	90	0.5	30	1	53	90	0.5	30	1
51	00	1.0	45	2	54	00	1.0	45	2	54	00	1.0	45	2
52	90	0.5	30	1	55	90	0.5	30	1	55	90	0.5	30	1
53	00	1.0	45	2	56	00	1.0	45	2	56	00	1.0	45	2
54	90	0.5	30	1	57	90	0.5	30	1	57	90	0.5	30	1
55	00	1.0	45	2	58	00	1.0	45	2	58	00	1.0	45	2
56	90	0.5	30	1	59	90	0.5	30	1	59	90	0.5	30	1
57	00	1.0	45	2	60	00	1.0	45	2	60	00	1.0	45	2
58	90	0.5	30	1	61	90	0.5	30	1	61	90	0.5	30	1
59	00	1.0	45	2	62	00	1.0	45	2	62	00	1.0	45	2
60	90	0.5	30	1	63	90	0.5	30	1	63	90	0.5	30	1
61	00	1.0	45	2	64	00	1.0	45	2	64	00	1.0	45	2
62	90	0.5	30	1	65	90	0.5	30	1	65	90	0.5	30	1
63	00	1.0	45	2	66	00	1.0	45	2	66	00	1.0	45	2
64	90	0.5	30	1	67	90	0.5	30	1	67	90	0.5	30	1
65	00	1.0	45	2	68	00	1.0	45	2	68	00	1.0	45	2
66	90	0.5	30	1	69	90	0.5	30	1	69	90	0.5	30	1
67	00	1.0	45	2	70	00	1.0	45	2	70	00	1.0	45	2
68	90	0.5	30	1	71	90	0.5	30	1	71	90	0.5	30	1
69	00	1.0	45	2	72	00	1.0	45	2	72	00	1.0	45	2
70	90	0.5	30	1	73	90	0.5	30	1	73	90	0.5	30	1
71	00	1.0	45	2	74	00	1.0	45	2	74	00	1.0	45	2
72	90	0.5	30	1	75	90	0.5	30	1	75	90	0.5	30	1
73	00	1.0	45	2	76	00	1.0	45	2	76	00	1.0	45	2
74	90	0.5	30	1	77	90	0.5	30	1	77	90	0.5	30	1
75	00	1.0	45	2	78	00	1.0	45	2	78	00	1.0	45	2
76	90	0.5	30	1	79	90	0.5	30	1	79	90	0.5	30	1
77	00	1.0	45	2	80	00	1.0	45	2	80	00	1.0	45	2
78	90	0.5	30	1	81	90	0.5	30	1	81	90	0.5	30	1
79	00	1.0	45	2	82	00	1.0	45	2	82	00	1.0	45	2
80	90	0.5	30	1	83	90	0.5	30	1	83	90	0.5	30	1
81	00	1.0	45	2	84	00	1.0	45	2	84	00	1.0	45	2
82	90	0.5	30	1	85	90	0.5	30	1	85	90	0.5	30	1
83	00	1.0	45	2	86	00	1.0	45	2	86	00	1.0	45	2
84	90	0.5	30	1	87	90	0.5	30	1	87	90	0.5	30	1
85	00	1.0	45	2	88	00	1.0	45	2	88	00	1.0	45	2
86	90	0.5	30	1	89	90	0.5	30	1	89	90	0.5	30	1
87	00	1.0	45	2	90	00	1.0	45	2	90	00	1.0	45	2
88	90	0.5	30	1	91	90	0.5	30	1	91	90	0.5	30	1
89	00	1.0	45	2	92	00	1.0	45	2	92	00	1.0	45	2
90	90	0.5	30	1	93	90	0.5	30	1	93	90	0.5	30	1
91	00	1.0	45	2	94	00	1.0	45	2	94	00	1.0	45	2
92	90	0.5	30	1	95	90	0.5	30	1	95	90	0.5	30	1
93	00	1.0	45	2	96	00	1.0	45	2	96	00	1.0	45	2
94	90	0.5	30	1	97	90	0.5	30	1	97	90	0.5	30	1
95	00	1.0	45	2	98	00	1.0	45	2	98	00	1.0	45	2
96	90	0												

TABLE 6 --

CLADDING AND GLASS LOADS -- MUSEUM TOWER BUILDING, NEW YORK
 LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
 REFERENCE PRESSURE = 34. PSF GLASS LOAD FACTOR = .730

TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD	TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD	TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD
4	190	1	99	224	3	80	1	13	10	5	60	1	16	39
7	190	1	98	224	10	10	1	29	10	55	100	1	89	40
10	190	1	34	33	100	0	1	49	10	50	180	1	18	40
13	190	1	57	39	200	0	1	45	10	45	100	1	35	46
16	190	1	75	43	300	0	1	40	10	40	100	1	72	42
19	190	1	00	44	400	0	1	45	10	45	100	1	67	41
22	190	1	94	44	500	0	1	40	10	40	100	1	89	41
25	190	1	99	44	600	0	1	46	10	46	100	1	79	43
28	190	1	91	44	700	0	1	48	10	48	100	1	79	43
31	190	1	95	44	800	0	1	44	10	44	100	1	00	44
34	190	1	23	44	900	0	1	42	10	42	100	1	40	44
37	190	1	15	44	1000	0	1	40	10	40	100	1	17	44
40	190	1	08	44	1100	0	1	40	10	40	100	1	18	44
43	190	1	09	44	1200	0	1	40	10	40	100	1	18	44
46	190	1	98	44	1300	0	1	35	10	35	100	1	56	44
49	190	1	13	44	1400	0	1	33	10	33	100	1	42	44
52	190	1	05	44	1500	0	1	35	10	35	100	1	48	44
55	190	1	72	44	1600	0	1	37	10	37	100	1	64	44
58	190	1	33	44	1700	0	1	44	10	44	100	1	71	44
61	190	1	17	44	1800	0	1	61	10	61	100	1	71	44
64	190	1	12	44	1900	0	1	44	10	44	100	1	71	44
67	190	1	06	44	2000	0	1	37	10	37	100	1	71	44
70	190	1	90	44	2100	0	1	35	10	35	100	1	71	44
73	190	1	83	44	2200	0	1	35	10	35	100	1	71	44
76	190	1	71	44	2300	0	1	38	10	38	100	1	71	44
79	190	1	06	44	2400	0	1	40	10	40	100	1	71	44
82	190	1	26	44	2500	0	1	54	10	54	100	1	71	44
85	190	1	94	44	2600	0	1	49	10	49	100	1	71	44
88	190	1	71	44	2700	0	1	33	10	33	100	1	71	44
91	190	1	60	44	2800	0	1	39	10	39	100	1	71	44
94	190	1	95	44	2900	0	1	48	10	48	100	1	71	44
97	190	1	61	44	3000	0	1	42	10	42	100	1	71	44
100	190	1	43	44	3100	0	1	39	10	39	100	1	71	44
103	190	1	56	44	3200	0	1	41	10	41	100	1	71	44
106	190	1	17	44	3300	0	1	33	10	33	100	1	71	44
109	190	1	46	44	3400	0	1	40	10	40	100	1	71	44
112	190	1	44	44	3500	0	1	42	10	42	100	1	71	44
115	190	1	43	44	3600	0	1	39	10	39	100	1	71	44
118	190	1	78	44	3700	0	1	41	10	41	100	1	71	44
121	190	1	72	44	3800	0	1	41	10	41	100	1	71	44
124	190	1	48	44	3900	0	1	44	10	44	100	1	71	44
127	190	1	98	44	4000	0	1	44	10	44	100	1	71	44
130	190	1	52	44	4100	0	1	40	10	40	100	1	71	44

TABLE 6 --

CLADDING AND GLASS LOADS -- MUSEUM TOWER BUILDING, NEW YORK
 LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
 REFERENCE PRESSURE = 34. PSF GLASS LOAD FACTOR = 1.730

TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD	TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD	TAP	AZI-MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD
			(PSF)	(PSF)				(PSF)	(PSF)				(PSF)	(PSF)
7119	50	1.14	38.8	66.7	823	60	1.02	34.7	60.3	855	90	.43	14.5	25.0
7220	80	1.13	44.4	77.0	824	10	1.17	40.0	70.0	856	190	.47	15.9	27.6
7221	80	1.13	38.3	66.7	825	30	1.90	30.0	51.0	857	90	.65	22.8	39.7
7222	50	1.03	20.9	37.5	826	190	1.14	38.8	66.7	858	90	.49	16.6	28.9
7223	50	1.03	35.0	61.7	827	10	1.46	49.9	85.9	859	90	.56	19.0	32.9
7224	50	.67	22.8	40.0	828	10	1.42	48.3	82.8	860	90	.43	14.5	25.0
7225	200	.32	11.0	19.0	829	10	1.14	38.8	66.7	861	90	.45	15.1	26.1
7226	90	.32	13.3	23.0	830	10	.87	29.9	51.5	862	90	.55	18.8	32.9
7227	190	.32	12.4	21.7	831	190	.79	26.6	45.8	863	10	.40	13.3	23.0
7228	10	.32	17.4	30.0	832	20	.40	13.3	23.0	864	20	.55	18.8	32.9
7229	200	.32	11.0	19.0	833	10	1.02	34.7	60.3	865	90	.29	14.9	26.1
8001	40	1.13	46.3	82.8	834	10	1.10	33.7	59.4	866	90	.42	14.4	25.0
8002	40	1.43	49.2	85.3	835	10	1.05	32.5	56.9	867	90	.40	13.3	23.0
8003	190	1.07	36.5	66.7	836	180	1.77	39.9	69.5	868	80	.53	17.7	30.6
8004	190	.99	33.3	60.3	837	190	1.31	44.5	78.0	869	80	.61	20.0	34.4
8005	190	.99	33.3	60.3	838	180	1.35	46.6	81.6	870	20	.37	12.0	20.9
8006	10	1.13	43.3	78.0	839	10	1.97	45.9	80.9	871	20	1.02	34.4	59.4
8007	50	1.13	52.3	90.0	840	80	1.33	45.4	80.4	902	190	1.03	35.0	60.3
8008	10	1.13	52.3	90.0	841	190	1.11	44.4	78.0	903	190	.90	30.6	53.4
8009	10	1.13	41.1	73.4	842	190	1.11	44.4	78.0	904	190	1.10	37.7	64.4
8010	50	1.13	33.3	60.3	843	80	1.99	45.8	81.6	905	80	.98	33.3	58.3
8011	190	.99	32.9	60.3	844	190	1.11	44.4	78.0	906	80	1.04	35.0	60.3
8012	190	1.17	39.9	70.0	845	80	1.33	45.2	80.4	907	30	.96	33.3	58.3
8013	10	1.14	48.0	82.8	846	190	1.05	32.5	56.9	908	190	1.08	36.6	63.4
8014	10	1.14	45.4	80.4	847	80	1.14	38.8	66.7	909	190	1.30	44.4	78.0
8015	190	1.10	37.3	66.7	848	180	.67	23.0	40.0	910	180	1.29	43.3	75.9
8016	300	.99	33.3	60.3	849	180	.99	33.3	60.3	911	10	.89	30.6	53.4
8017	50	1.13	33.3	60.3	850	180	.99	33.3	60.3	912	10	1.11	37.7	64.4
8018	20	1.13	49.9	87.0	851	190	.99	33.3	60.3	913	20	1.03	35.0	60.3
8019	190	.94	32.2	58.3	852	190	1.11	44.4	78.0	914	30	1.03	35.0	60.3
8020	190	1.00	34.4	60.3	853	190	.99	33.3	60.3	915	90	1.00	34.4	59.4
8021	10	1.13	66.6	116.7	854	90	.61	17.7	30.6	916	90	1.00	34.4	59.4
8022	20	1.49	50.6	88.0	855	90	.61	17.7	30.6					

TABLE 7

TOTAL FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

AZIMUTH	CFX	CFY	FORCE (X) (KIPS)	FORCE (Y) (KIPS)	CMX	CMY	CMZ	MOM (X) (1000-FT-KIPS)	MOM (Y) (1000-FT-KIPS)	MOM (Z)
0			-85.5	-105.0	23.12	-44.64	-1.68	181.1	-33.4	-5.3
10			-77.1	-112.6	16.98	-39.45	-1.53	133.1	-33.4	-4.2
20			-61.1	-122.7	11.92	-26.38	-1.11	93.3	-20.6	-4.0
30			-40.0	-133.0	7.28	-13.27	-0.72	62.4	-16.1	-2.2
40			-20.0	-144.0	4.53	-7.79	-0.41	39.6	-10.0	-1.1
50			-10.0	-155.0	2.79	-4.66	-0.23	22.9	-6.7	-0.6
60			-5.0	-166.0	1.77	-2.77	-0.13	13.5	-4.4	-0.4
70			-2.5	-177.0	1.11	-1.53	-0.07	7.7	-2.2	-0.2
80			-1.3	-188.0	0.59	-0.84	-0.04	4.0	-1.1	-0.1
90			-0.7	-199.0	0.33	-0.43	-0.02	2.1	-0.6	-0.1
100			-0.4	-210.0	0.20	-0.23	-0.01	1.1	-0.3	-0.0
110			-0.2	-220.0	0.12	-0.12	-0.00	0.6	-0.2	-0.0
120			-0.1	-230.0	0.07	-0.07	-0.00	0.3	-0.1	-0.0
130			-0.0	-240.0	0.04	-0.04	-0.00	0.2	-0.0	-0.0
140			0.0	-250.0	0.02	-0.02	-0.00	0.1	-0.0	-0.0
150			0.0	-260.0	0.01	-0.01	-0.00	0.0	-0.0	-0.0
160			0.0	-270.0	0.00	0.00	0.00	0.0	0.0	0.0
170			0.0	-280.0	0.00	0.00	0.00	0.0	0.0	0.0
180			0.0	-290.0	0.00	0.00	0.00	0.0	0.0	0.0
190			0.0	-300.0	0.00	0.00	0.00	0.0	0.0	0.0
200			0.0	-310.0	0.00	0.00	0.00	0.0	0.0	0.0
210			0.0	-320.0	0.00	0.00	0.00	0.0	0.0	0.0
220			0.0	-330.0	0.00	0.00	0.00	0.0	0.0	0.0
230			0.0	-340.0	0.00	0.00	0.00	0.0	0.0	0.0
240			0.0	-350.0	0.00	0.00	0.00	0.0	0.0	0.0
250			0.0	-360.0	0.00	0.00	0.00	0.0	0.0	0.0
260			0.0	-370.0	0.00	0.00	0.00	0.0	0.0	0.0
270			0.0	-380.0	0.00	0.00	0.00	0.0	0.0	0.0
280			0.0	-390.0	0.00	0.00	0.00	0.0	0.0	0.0
290			0.0	-400.0	0.00	0.00	0.00	0.0	0.0	0.0
300			0.0	-410.0	0.00	0.00	0.00	0.0	0.0	0.0
310			0.0	-420.0	0.00	0.00	0.00	0.0	0.0	0.0
320			0.0	-430.0	0.00	0.00	0.00	0.0	0.0	0.0
330			0.0	-440.0	0.00	0.00	0.00	0.0	0.0	0.0
340			0.0	-450.0	0.00	0.00	0.00	0.0	0.0	0.0
350			0.0	-460.0	0.00	0.00	0.00	0.0	0.0	0.0

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 0			GUST FACTOR = 1.32		REF. AREA = 1140 SQ. FT.			REF. LENGTH = 116 FT.		
REF. PRESS = 34.0 PSF			FORCE(X)	FORCE(Y)	CMX	CMY	CMZ	MOM(X)	MOM(Y)	MOM(Z)
FLOOR	CFX	CFY	(KIPS)	(KIPS)				(1000-FT-KIPS)		
46	-.47	-.18	-31.6	-12.2	.75	-1.93	-.01	5.842	-15.129	-.076
47	-.48	-.19	-32.2	-12.7	.79	-2.01	-.01	6.188	-15.746	-.079
48	-.49	-.19	-32.8	-13.1	.84	-2.09	-.01	6.543	-16.374	-.082
49	-.49	-.19	-32.4	-12.9	.84	-2.10	-.01	6.584	-16.486	-.078
50	-.51	-.20	-34.4	-13.4	.89	-2.28	-.01	6.963	-17.834	-.074
51	-.40	-.20	-27.0	-13.8	.94	-1.83	-.01	7.335	-14.339	-.059
52	-.41	-.19	-28.0	-13.1	.91	-1.93	-.00	7.093	-15.128	-.035
53	-.96	-.71	-64.9	-48.0	3.47	-4.70	-.06	27.190	-36.815	-.471

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 10
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.40	-.14	-26.8	-9.3	.57	-1.64	-.01	4.465	-12.836	-.070
47	-.41	-.14	-27.5	-9.4	.59	-1.72	-.01	4.607	-13.437	-.074
48	-.42	-.14	-28.2	-9.5	.61	-1.79	-.01	4.752	-14.051	-.078
49	-.42	-.13	-28.1	-9.1	.59	-1.82	-.01	4.623	-14.295	-.078
50	-.45	-.13	-30.3	-8.9	.59	-2.01	-.01	4.628	-15.745	-.083
51	-.38	-.13	-25.3	-8.9	.60	-1.71	-.01	4.695	-13.433	-.107
52	-.38	-.12	-25.5	-8.4	.58	-1.76	-.01	4.523	-13.805	-.047
53	-1.00	-.44	-67.6	-29.5	2.14	-4.89	-.02	16.738	-38.302	-.191

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 20		GUST FACTOR = 1.32		REF. AREA = 1140 SQ. FT.			REF. LENGTH = 116 FT.			
REF. PRESS = 34.0 PSF										
FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.226	-.09	-17.5	-6.2	.38	-1.07	-.01	2.973	-8.397	-.076
47	-.227	-.09	-18.1	-6.0	.38	-1.13	-.01	2.953	-8.836	-.075
48	-.228	-.09	-18.6	-5.9	.37	-1.19	-.01	2.930	-9.285	-.074
49	-.228	-.08	-18.6	-5.7	.37	-1.21	-.01	2.882	-9.476	-.071
50	-.230	-.09	-20.1	-6.0	.40	-1.33	-.01	3.132	-10.453	-.073
51	-.228	-.07	-19.0	-4.5	.30	-1.29	-.02	2.374	-10.097	-.165
52	-.226	-.08	-17.5	-5.5	.38	-1.21	-.02	2.988	-9.494	-.147
53	-.25	-.25	-50.4	-16.8	1.21	-3.65	-.05	9.499	-28.570	-.423

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 30
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.13	.00	-8.8	.2	-.01	-.54	-.01	-.096	-4.231	-.077
47	-.13	.00	-9.1	.2	-.01	-.57	-.01	-.117	-4.439	-.078
48	-.14	.00	-9.3	.2	-.02	-.59	-.01	-.139	-4.651	-.080
49	-.13	.01	-9.0	.5	-.03	-.59	-.01	-.243	-4.603	-.077
50	-.13	.01	-9.1	1.0	-.07	-.60	-.01	-.509	-4.714	-.075
51	-.12	.03	-8.2	1.9	-.13	-.55	-.01	-.984	-4.332	-.103
52	-.11	.02	-7.6	1.6	-.11	-.52	-.01	-.883	-4.094	-.073
53	-.33	.02	-22.2	1.1	-.08	-1.61	-.05	-.636	-12.601	-.384

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 40
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 40
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.07	.16	-4.6	10.8	-.66	-.28	-.00	-5.194	-2.215	-.002
47	-.07	.16	-4.9	10.8	-.68	-.31	-.00	-5.304	-2.417	-.002
48	-.08	.16	-5.3	10.9	-.69	-.34	-.00	-5.415	-2.626	-.002
49	-.08	.16	-5.3	11.1	-.72	-.34	.00	-5.641	-2.698	.001
50	-.08	.19	-5.6	13.0	-.86	-.37	.00	-6.744	-2.909	.008
51	-.08	.21	-5.2	14.2	-.96	-.35	.00	-7.504	-3.748	.011
52	-.08	.24	-5.6	15.9	-1.10	-.39	.00	-8.626	-3.017	.031
53	-.25	.63	-16.7	42.6	-3.08	-1.21	.02	-24.127	-9.460	.140

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 50
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X) (1000-FT-KIPS)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 50
 REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.13	.39	-8.8	26.0	-1.59	-.54	-.01	-12.468	-4.235	-.058
47	-.14	.38	-9.1	26.0	-1.62	-.57	-.01	-12.712	-4.467	-.055
48	-.14	.38	-9.4	26.0	-1.65	-.60	-.01	-12.955	-4.706	-.052
49	-.14	.39	-9.6	26.3	-1.71	-.62	-.01	-13.380	-4.869	-.043
50	-.16	.45	-10.6	30.3	-2.01	-.71	-.00	-15.732	-5.529	-.030
51	-.13	.38	-8.8	26.3	-1.73	-.60	-.00	-15.537	-4.665	-.024
52	-.13	.43	-8.8	29.0	-2.00	-.59	-.00	-15.680	-4.618	-.028
53	-.31	1.53	-20.8	103.3	-7.47	-1.51	.09	-58.535	-11.807	.671

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 60
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 60
 REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.11	.35	-7.2	23.8	-1.46	-.44	-.01	-11.420	-3.437	-.044
47	-.11	.35	-7.3	23.7	-1.48	-.45	-.00	-11.608	-3.557	-.039
48	-.11	.35	-7.4	23.6	-1.51	-.47	-.00	-11.794	-3.679	-.034
49	-.10	.35	-7.1	23.9	-1.55	-.46	-.00	-12.137	-3.802	-.023
50	-.10	.41	-7.0	23.4	-1.81	-.46	-.00	-14.210	-4.615	-.004
51	-.09	.39	-6.0	26.6	-1.78	-.41	-.00	-13.908	-4.190	-.006
52	-.09	.39	-5.9	26.1	-1.80	-.41	-.00	-14.128	-4.188	-.013
53	-.14	1.32	-9.5	89.1	-6.45	-.69	.07	-50.500	-5.395	.528

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 70
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 70		GUST FACTOR = 1.32		REF. AREA = 1140 SQ.FT.		REF. LENGTH = 116 FT.				
REF. PRESS = 34.0 PSF										
FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.07	.36	-4.8	24.3	-1.49	-.29	.00	-11.668	-2.288	.005
47	-.07	.36	-5.0	24.3	-1.52	-.31	.00	-11.886	-2.458	.006
48	-.08	.36	-5.3	24.3	-1.54	-.34	.00	-12.104	-2.632	.007
49	-.08	.36	-5.5	24.2	-1.57	-.34	.00	-12.331	-2.683	.008
50	-.08	.40	-5.5	27.1	-1.80	-.37	.00	-14.077	-2.880	.009
51	-.07	.37	-4.7	25.0	-1.69	-.32	.01	-13.238	-2.492	.050
52	-.06	.41	-3.8	27.7	-1.91	-.36	.01	-14.968	-2.071	.061
53	-.08	1.32	-5.1	88.9	-6.43	-.37	.07	-50.383	-2.900	.517

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 80
 REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.06	.45	-4.3	30.4	-1.86	-.26	.02	-14.572	-2.069	.145
47	-.07	.45	-4.5	30.6	-1.91	-.28	.02	-14.979	-2.211	.150
48	-.07	.46	-4.7	30.8	-1.96	-.30	.02	-15.390	-2.358	.156
49	-.07	.47	-4.7	31.0	-2.03	-.30	.02	-16.042	-2.389	.150
50	-.07	.54	-4.9	36.7	-2.43	-.32	.02	-19.063	-2.543	.142
51	-.06	.48	-3.8	32.9	-2.20	-.29	.02	-17.246	-2.249	.164
52	-.05	.54	-3.5	36.6	-2.53	-.24	.02	-19.798	-1.890	.186
53	-.03	1.62	-1.9	109.3	-7.91	-.14	.09	-61.945	-1.062	.722

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 90
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 90
 REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.00	.44	.3	29.7	-1.82	.02	.03	-14.221	.153	.200
47	.00	.44	.33	29.7	-1.86	.02	.03	-14.545	.150	.209
48	.00	.44	.33	29.8	-1.90	.02	.03	-14.870	.148	.217
49	.01	.43	.33	30.1	-1.95	.03	.03	-15.314	.257	.219
50	.02	.51	1.1	34.3	-2.28	.04	.03	-17.828	.377	.237
51	.01	.48	.5	32.1	-2.17	.03	.02	-17.025	.241	.120
52	.03	.54	2.2	36.4	-2.52	.15	.03	-19.707	1.177	.221
53	.08	1.38	5.4	106.4	-7.70	.39	.05	-60.322	3.085	.421

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 100
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.07	.48	4.9	32.7	-2.00	.30	.04	-15.671	2.342	.296
47	.08	.49	5.1	33.1	-2.07	.30	.04	-16.188	2.493	.309
48	.08	.50	5.3	33.3	-2.11	.30	.04	-16.712	2.648	.323
49	.08	.51	5.4	33.5	-2.20	.30	.04	-17.439	2.804	.336
50	.09	.53	5.4	33.8	-2.26	.30	.04	-20.655	3.324	.350
51	.08	.53	5.1	33.7	-2.24	.30	.02	-18.931	2.696	.360
52	.07	.61	5.0	33.2	-2.28	.30	.03	-22.327	2.690	.366
53	.11	1.79	7.3	121.1	-8.77	.30	.04	-68.678	4.114	.341

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 110
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE (X) (KIPS)	FORCE (Y) (KIPS)	CMX	CMY	CMZ	MOM (X)	MOM (Y) (1000-FT-KIPS)	MOM (Z)
45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 110
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.02	.39	1.7	26.0	-1.59	.10	.01	-12.474	.806	.115
47	.02	.40	1.6	26.7	-1.67	.10	.02	-13.071	.785	.118
48	.02	.41	1.5	27.4	-1.75	.10	.02	-13.682	.761	.121
49	.02	.42	2.0	28.6	-1.86	.13	.02	-14.542	1.002	.118
50	.05	.50	3.4	34.0	-2.25	.23	.02	-17.641	1.784	.119
51	.00	.46	.3	31.1	-2.10	.02	.00	-16.468	.173	.022
52	.02	.51	1.4	34.8	-2.40	.10	.01	-18.810	.768	.091
53	.00	1.52	.1	102.4	-7.41	-.01	-.01	-58.045	-.074	-.055

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 120
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.01	.45	.8	30.7	-1.88	.05	.00	-14.691	.400	.025
47	.01	.47	.6	31.8	-1.99	.04	.00	-15.570	.295	.023
48	.01	.49	.4	33.0	-2.10	.02	.00	-16.472	.186	.021
49	.01	.51	.7	34.3	-2.24	.04	.00	-17.547	.331	.022
50	.03	.60	1.7	40.7	-2.70	.12	.00	-21.145	.908	.032
51	.03	.65	1.8	37.3	-2.52	.12	.01	-19.758	.956	.046
52	.01	.62	1.9	42.1	-2.91	.04	.01	-22.802	.296	.046
53	.12	1.86	7.9	125.4	-9.07	.57	.05	-71.080	-4.463	.381

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 130
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
44	44	00	00	00	00	00	00	00	00	00
43	43	00	00	00	00	00	00	00	00	00
42	42	00	00	00	00	00	00	00	00	00
41	41	00	00	00	00	00	00	00	00	00
40	40	00	00	00	00	00	00	00	00	00
39	39	00	00	00	00	00	00	00	00	00
38	38	00	00	00	00	00	00	00	00	00
37	37	00	00	00	00	00	00	00	00	00
36	36	00	00	00	00	00	00	00	00	00
35	35	00	00	00	00	00	00	00	00	00
34	34	00	00	00	00	00	00	00	00	00
33	33	00	00	00	00	00	00	00	00	00
32	32	00	00	00	00	00	00	00	00	00
31	31	00	00	00	00	00	00	00	00	00
30	30	00	00	00	00	00	00	00	00	00
29	29	00	00	00	00	00	00	00	00	00
28	28	00	00	00	00	00	00	00	00	00
27	27	00	00	00	00	00	00	00	00	00
26	26	00	00	00	00	00	00	00	00	00
25	25	00	00	00	00	00	00	00	00	00
24	24	00	00	00	00	00	00	00	00	00
23	23	00	00	00	00	00	00	00	00	00
22	22	00	00	00	00	00	00	00	00	00
21	21	00	00	00	00	00	00	00	00	00
20	20	00	00	00	00	00	00	00	00	00
19	19	00	00	00	00	00	00	00	00	00
18	18	00	00	00	00	00	00	00	00	00
17	17	00	00	00	00	00	00	00	00	00
16	16	00	00	00	00	00	00	00	00	00
15	15	00	00	00	00	00	00	00	00	00
14	14	00	00	00	00	00	00	00	00	00
13	13	00	00	00	00	00	00	00	00	00
12	12	00	00	00	00	00	00	00	00	00
11	11	00	00	00	00	00	00	00	00	00
10	10	00	00	00	00	00	00	00	00	00
9	9	00	00	00	00	00	00	00	00	00
8	8	00	00	00	00	00	00	00	00	00
7	7	00	00	00	00	00	00	00	00	00
6	6	00	00	00	00	00	00	00	00	00
5	5	00	00	00	00	00	00	00	00	00
4	4	00	00	00	00	00	00	00	00	00
3	3	00	00	00	00	00	00	00	00	00
2	2	00	00	00	00	00	00	00	00	00
1	1	00	00	00	00	00	00	00	00	00

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 130
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CHX	CHY	CHZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.01	.36	.0	24.4	-1.44	.05	.01	-11.689	.365	.085
47	.01	.37	.0	22.4	-1.35	.05	.01	-12.150	.258	.086
48	.00	.37	.0	23.3	-1.61	.02	.01	-12.619	.146	.088
49	.00	.38	.0	23.9	-1.69	.02	.01	-13.201	.168	.089
50	.01	.40	.0	24.1	-1.99	.05	.01	-15.615	.408	.100
51	-.03	.40	-3.1	27.0	-1.83	.21	.00	-14.360	-1.661	.024
52	-.02	1.49	-1.7	22.8	-2.27	.11	.01	-17.752	-1.895	.062
53	.10	1.41	-6.9	25.6	-6.90	.50	-.02	-54.018	-3.928	-1.145

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 140
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.02	.13	1.7	9.0	-.55	.10	.01	-4.334	.799	.099
47	.02	.13	1.6	9.1	-.57	.10	.01	-4.430	.793	.102
48	.02	.13	1.6	9.1	-.58	.10	.01	-4.526	.786	.105
49	.02	.14	1.8	9.2	-.60	.11	.01	-4.688	.891	.111
50	.04	.16	2.5	10.7	-.71	.16	.02	-5.529	1.283	.136
51	.00	.13	3.3	8.8	-.59	.02	.00	-4.645	.172	.025
52	.02	.17	1.3	11.4	-.79	.09	.01	-6.162	.729	.073
53	.01	.25	.7	37.0	-2.68	.05	.00	-20.988	.412	.015

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 150
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.01	-.01	.8	-1.0	.06	.05	.01	.463	.382	.054
47	.01	-.02	.9	-1.2	.07	.05	.01	.586	.404	.055
48	.01	-.02	1.0	-1.4	.09	.05	.01	.712	.427	.052
49	.02	-.02	1.1	-1.5	.10	.08	.01	.784	.629	.054
50	.03	-.03	2.3	-1.7	.11	.10	.01	.881	1.200	.067
51	.01	-.00	2.4	-1.2	.01	.05	-.00	.097	.381	-.012
52	.03	-.00	2.1	-1.1	.01	.15	-.00	.066	1.152	-.034
53	.04	.02	3.0	1.2	-.09	.22	-.00	-.693	1.714	-.012

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 160
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.01	-.05	1.0	-3.7	.22	.06	-.00	1.756	.462	-.023
47	.01	-.06	1.0	-3.8	.24	.06	-.00	1.860	.487	-.024
48	.02	-.06	1.0	-3.9	.25	.07	-.00	1.967	.512	-.025
49	.02	-.06	1.3	-3.8	.25	.08	-.00	1.927	.661	-.023
50	.03	-.05	2.1	-3.7	.24	.14	-.00	1.897	1.094	-.017
51	.01	-.03	1.3	-1.1	.13	.02	-.01	1.019	.183	-.051
52	.02	-.05	1.7	-1.1	.22	.12	-.01	1.741	.905	-.053
53	.04	-.11	2.6	-7.6	.55	.19	-.03	4.325	1.499	-.223

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 170
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.08	-.02	5.3	-1.4	.09	.33	-.01	.679	2.563	-.059
47	.08	-.02	5.2	-1.6	.10	.32	-.01	.770	2.525	-.054
48	.07	-.03	5.0	-1.7	.11	.32	-.01	.865	2.483	-.049
49	.07	-.02	4.8	-1.6	.10	.31	-.01	.809	2.439	-.042
50	.08	-.02	5.2	-1.2	.08	.34	-.00	.625	2.674	-.037
51	.03	-.01	1.7	-.5	.03	.12	-.01	.270	1.908	-.066
52	.04	-.01	2.8	-.8	.06	.20	-.01	.444	1.542	-.086
53	.11	.01	7.3	.8	-.06	.54	-.03	-.468	4.263	-.265

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 180
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.13	-.01	8.9	-.4	.02	.55	-.00	.191	4.278	-.038
47	.13	-.01	9.1	-.8	.05	.57	-.00	.374	4.457	-.032
48	.14	-.02	9.3	-1.1	.07	.59	-.00	.564	4.639	-.026
49	.14	-.02	9.4	-1.1	.07	.61	-.00	.558	4.801	-.018
50	.16	-.01	10.7	-.6	.04	.71	-.00	.336	5.533	-.009
51	.08	-.01	5.5	-.4	-.03	.37	-.01	-.204	2.918	-.047
52	.11	-.00	7.5	-.3	-.02	.52	-.01	-.175	4.056	-.063
53	.30	.05	20.1	3.6	-.26	1.45	-.02	-2.019	11.378	-.183

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 190
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.16	-.03	10.6	-2.1	.13	.65	.01	.982	5.083	.111
47	.17	-.04	11.4	-2.5	.16	.71	.02	1.232	5.553	.127
48	.18	-.04	12.1	-3.0	.19	.77	.02	1.490	6.037	.144
49	.19	-.05	13.1	-3.1	.20	.85	.02	1.574	6.674	.153
50	.24	-.05	16.2	-3.1	.21	1.08	.02	1.608	8.435	.174
51	.21	-.01	13.9	-1.5	.04	.94	.01	.278	7.358	.067
52	.23	-.04	15.8	-2.9	.20	1.09	.01	1.574	8.559	.094
53	.62	-.02	42.2	-1.6	.12	3.05	.04	.907	23.919	.288

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 200
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.02	-.03	1.4	-2.0	.12	.09	.01	.955	.694	.044
47	.02	-.03	1.6	-2.2	.14	.10	.01	1.090	.771	.048
48	.03	-.04	1.7	-2.5	.16	.11	.01	1.229	.849	.052
49	.03	-.04	2.3	-2.4	.16	.15	.01	1.233	1.177	.061
50	.06	-.03	4.0	-2.3	.15	.26	.01	1.189	2.062	.087
51	.05	-.00	3.2	-2.3	.01	.22	-.00	.100	1.687	-.031
52	.06	-.01	4.3	-1.1	.06	.30	-.01	.481	2.347	.043
53	.10	-.02	6.7	-1.6	.12	.48	-.02	.904	3.791	-.130

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 210
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.03	-.04	2.2	-2.8	.17	.13	.01	1.332	1.038	.050
47	.03	-.04	2.2	-2.8	.19	.14	.01	1.456	1.064	.051
48	.03	-.05	2.2	-3.2	.20	.14	.01	1.584	1.091	.053
49	.04	-.05	2.2	-3.1	.20	.16	.01	1.556	1.261	.056
50	.05	-.04	3.5	-2.9	.19	.23	.01	1.483	1.820	.069
51	.05	-.03	3.5	-2.7	.12	.14	-.00	1.917	1.134	-.008
52	.05	-.03	3.5	-2.6	.15	.23	-.00	1.200	1.773	-.035
53	.09	-.09	3.1	-6.1	.4	.23	-.01	3.429	1.763	-.094

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 220
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
4	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 220										
REF. PRESS = 34.0 PSF										
GUST FACTOR = 1.32										
REF. AREA = 1140 SQ. FT.										
REF. LENGTH = 116 FT.										
FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.09	-.08	6.2	-5.4	.33	.38	.01	2.586	2.992	.095
47	.09	-.08	6.4	-5.7	.33	.40	.01	2.773	3.114	.094
48	.10	-.09	6.5	-5.9	.36	.41	.01	2.966	3.238	.093
49	.10	-.09	6.9	-5.9	.38	.45	.01	2.978	3.532	.092
50	.13	-.09	8.9	-5.9	.39	.58	.01	3.084	4.543	.101
51	.10	-.07	6.7	-5.1	.34	.46	.01	2.682	3.574	.054
52	.13	-.07	8.4	-4.8	.33	.58	.01	2.605	4.571	.045
53	.31	-.29	20.9	-19.9	1.44	1.51	.03	11.267	11.834	.209

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 230
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.10	-.08	6.5	-5.1	.31	.40	.01	2.447	3.111	.074
47	.10	-.08	6.8	-5.4	.34	.42	.01	2.632	3.302	.073
48	.10	-.08	7.0	-5.7	.36	.45	.01	2.823	3.499	.073
49	.11	-.08	7.4	-5.9	.36	.48	.01	2.785	3.774	.076
50	.13	-.08	9.0	-5.3	.35	.59	.01	2.741	4.659	.092
51	.08	-.08	5.2	-5.9	.38	.53	.01	2.954	2.772	.082
52	.11	-.05	7.6	-3.5	.24	.52	.00	1.883	4.089	.027
53	.30	-.25	20.3	-16.7	1.21	1.47	.02	9.491	11.480	.147

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 240
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.14	-.09	9.7	-6.4	.39	.59	.01	3.060	4.643	.098
47	.15	-.10	10.1	-6.8	.42	.63	.01	3.312	4.946	.100
48	.16	-.11	10.5	-7.2	.46	.67	.01	3.571	5.257	.101
49	.17	-.10	11.2	-7.0	.46	.73	.01	3.586	5.684	.102
50	.20	-.10	13.3	-7.1	.47	.90	.01	3.675	7.026	.112
51	.11	-.12	7.3	-8.2	.56	.49	.02	4.357	3.867	.149
52	.15	-.10	9.8	-6.7	.46	.68	.02	3.629	5.314	.123
53	.49	-.40	33.3	-27.2	1.97	2.41	.03	15.399	18.886	.267

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 250
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.12	-.10	8.3	-6.8	.42	.51	.02	3.266	3.960	.133
47	.13	-.11	8.7	-7.2	.45	.53	.02	3.544	4.150	.138
48	.13	-.11	8.7	-7.7	.49	.55	.02	3.832	4.344	.144
49	.14	-.11	9.3	-7.6	.49	.60	.02	3.844	4.714	.148
50	.17	-.11	11.5	-7.6	.50	.76	.02	3.920	5.961	.169
51	.10	-.12	6.5	-8.2	.55	.44	.02	4.325	3.448	.172
52	.13	-.13	8.6	-8.6	.59	.60	.02	4.633	4.674	.182
53	.39	-.49	26.5	-33.1	2.40	1.92	.07	18.766	15.024	.527

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 260
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 260
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.13	-.13	10.0	-8.6	.52	.61	.02	4.106	4.787	.144
47	.13	-.13	10.4	-9.1	.57	.65	.02	4.440	5.066	.153
48	.16	-.14	10.7	-9.6	.61	.68	.02	4.784	5.353	.163
49	.17	-.14	11.3	-9.6	.62	.73	.02	4.884	5.757	.172
50	.20	-.15	13.6	-10.1	.67	.90	.03	5.231	7.085	.202
51	.12	-.17	7.9	-11.6	.79	.53	.04	6.174	4.174	.275
52	.15	-.18	10.3	-11.9	.82	.71	.03	6.434	5.548	.210
53	.44	-.67	29.5	-45.1	3.26	2.14	.11	25.538	16.738	.868

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 270
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.11	-.16	7.2	-10.5	.64	.44	.02	5.044	3.465	.135
47	.11	-.16	7.5	-10.9	.68	.47	.02	5.353	3.660	.141
48	.11	-.17	7.7	-11.4	.72	.49	.02	5.670	3.859	.147
49	.12	-.17	8.2	-11.4	.74	.53	.02	5.781	4.154	.155
50	.15	-.18	9.9	-12.1	.80	.65	.02	6.300	5.130	.187
51	.09	-.16	5.9	-11.0	.75	.40	.02	5.855	3.153	.173
52	.11	-.20	7.2	-13.3	.92	.50	.02	7.195	3.893	.145
53	.27	-.66	18.0	-44.8	3.24	1.30	.08	25.394	10.193	.603

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 280
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	.05	-.19	3.7	-12.7	.78	.22	.02	6.106	1.752	.170
47	.05	-.20	3.6	-13.5	.84	.22	.02	6.596	1.761	.179
48	.05	-.21	3.5	-14.2	.91	.23	.02	7.100	1.768	.188
49	.05	-.21	3.7	-14.3	.93	.24	.03	7.283	1.886	.203
50	.07	-.23	4.6	-15.2	1.01	.31	.03	7.899	2.408	.255
51	.00	-.25	1.0	-16.6	1.12	.00	.03	2.800	.010	.264
52	.03	-.24	1.7	-16.4	1.14	.12	.03	8.892	.926	.236
53	.08	-.97	5.7	-65.6	4.75	.41	.07	37.212	3.232	.585

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 290
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.00	-.27	-.2	-18.1	1.11	-.01	.03	8.670	-.106	.231
47	-.01	-.28	-.5	-19.0	1.19	-.03	.03	9.310	-.257	.235
48	-.01	-.30	-.8	-20.0	1.27	-.05	.03	9.969	-.414	.239
49	-.01	-.30	-.7	-20.5	1.33	-.04	.03	10.436	-.351	.243
50	-.00	-.34	-.0	-23.0	1.53	-.00	.04	11.949	-.001	.247
51	-.04	-.38	-2.2	-25.6	1.73	-.18	.03	13.575	-1.396	.256
52	-.04	-.39	-2.4	-25.5	1.83	-.16	.05	14.328	-1.281	.256
53	-.16	-1.39	-10.6	-35.9	6.80	-.77	.02	53.243	-6.015	.188

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 300
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
2	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
3	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
4	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
5	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
6	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.000	0.000	0.000
7	0.04	0.06	3.0	3.0	0.04	0.03	0.00	0.000	0.000	0.000
8	.10	.08	6.4	5.6	.07	.08	.01	.562	.647	.071
9	.05	.04	3.6	3.2	.04	.05	.01	.287	.394	.044
10	.06	.06	3.7	3.3	.06	.06	.01	.509	.504	.050
11	.06	.06	3.9	3.4	.07	.07	.01	.580	.564	.057
12	.06	.06	4.1	3.6	.08	.08	.01	.655	.627	.063
13	.06	.07	4.2	3.8	.09	.09	.01	.735	.693	.069
14	.06	.07	4.4	4.0	.10	.10	.01	.808	.763	.073
15	.06	.07	4.4	4.1	.11	.11	.01	.861	.837	.072
16	.07	.07	4.4	4.2	.11	.11	.01	.861	.837	.072
17	.07	.07	4.4	4.3	.12	.12	.01	.916	.893	.072
18	.07	.07	4.4	4.4	.12	.13	.01	.971	.933	.072
19	.07	.07	4.4	4.4	.13	.14	.01	1.027	1.077	.071
20	.08	.07	4.4	4.4	.14	.15	.01	1.084	1.163	.071
21	.08	.07	4.4	4.4	.14	.16	.01	1.142	1.253	.070
22	.08	.07	4.4	4.4	.15	.17	.01	1.201	1.346	.070
23	.08	.08	4.4	4.4	.16	.18	.01	1.260	1.443	.070
24	.08	.08	4.4	4.4	.16	.18	.01	1.404	1.437	.080
25	.08	.09	4.4	4.4	.18	.18	.01	1.566	1.413	.092
26	.07	.09	4.4	4.4	.20	.18	.01	1.735	1.384	.105
27	.10	.09	4.4	4.4	.22	.17	.01	1.913	1.349	.117
28	.06	.10	4.4	4.4	.22	.17	.02	2.098	1.309	.129
29	.06	.11	4.4	4.4	.22	.16	.02	2.291	1.263	.141
30	.06	.11	4.4	4.4	.23	.15	.02	2.492	1.211	.153
31	.05	.11	4.4	4.4	.23	.14	.02	2.701	1.154	.165
32	.04	.11	4.4	4.4	.23	.13	.02	2.979	1.074	.178
33	.04	.11	4.4	4.4	.23	.12	.02	3.358	.964	.193
34	.04	.11	4.4	4.4	.23	.11	.03	3.752	.846	.208
35	.04	.11	4.4	4.4	.23	.09	.03	4.163	.721	.223
36	.04	.11	4.4	4.4	.23	.07	.03	4.590	.587	.238
37	.04	.11	4.4	4.4	.23	.06	.03	5.033	.446	.252
38	.04	.11	4.4	4.4	.23	.04	.03	5.493	.296	.267
39	.04	.11	4.4	4.4	.23	.04	.04	5.970	.139	.282
40	.04	.11	4.4	4.4	.23	.00	.04	6.462	.026	.297
41	.04	.11	4.4	4.4	.23	.00	.04	7.008	.000	.308
42	.04	.11	4.4	4.4	.23	.00	.04	7.742	.000	.318
43	.04	.11	4.4	4.4	.23	.00	.04	8.418	.000	.328
44	.04	.11	4.4	4.4	.23	.00	.04	9.117	.000	.339
45	.04	.11	4.4	4.4	.23	.00	.04	9.837	.000	.349

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 300
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.04	-.33	-2.9	-22.1	1.35	-.18	.05	10.580	-1.376	.359
47	-.05	-.34	-3.3	-23.0	1.45	-.21	.05	11.344	-1.633	.369
48	-.06	-.36	-3.8	-24.3	1.55	-.24	.05	12.131	-1.900	.380
49	-.05	-.37	-3.7	-24.8	1.61	-.24	.05	12.606	-1.886	.386
50	-.05	-.41	-3.3	-27.4	1.81	-.22	.06	14.214	-1.688	.434
51	-.08	-.34	-5.6	-23.0	1.56	-.38	.04	12.190	-2.973	.342
52	-.06	-.43	-4.0	-28.9	2.00	-.28	.05	15.640	-2.161	.391
53	-.15	-1.41	-10.4	-95.0	6.88	-.75	.08	53.869	-5.871	.660

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 310
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X) (1000-FT-KIPS)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.04	-.26	-3.0	-17.8	1.09	-.18	.04	8.549	-1.435	.288
47	-.05	-.27	-3.3	-18.4	1.15	-.20	.04	9.020	-1.595	.285
48	-.05	-.28	-3.5	-19.0	1.21	-.22	.04	9.503	-1.761	.282
49	-.05	-.28	-3.3	-19.0	1.24	-.22	.03	9.677	-1.691	.274
50	-.04	-.28	-2.8	-20.4	1.35	-.19	.04	10.590	-1.471	.289
51	-.08	-.23	-5.6	-15.4	1.04	-.38	.02	8.139	-2.963	.170
52	-.05	-.23	-3.6	-23.8	1.64	-.25	.03	12.862	-1.944	.222
53	-.17	-.95	-11.8	-64.3	4.66	-.85	-.01	36.476	-6.664	-.063

TABLE 7

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 320
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 320
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.06	-.23	-4.1	-15.3	.94	-.25	.02	7.349	-1.980	.187
47	-.06	-.24	-4.3	-15.9	.99	-.27	.02	7.773	-2.097	.189
48	-.07	-.24	-4.4	-16.5	1.05	-.28	.02	8.209	-2.217	.192
49	-.06	-.25	-4.2	-16.6	1.08	-.28	.02	8.430	-2.157	.187
50	-.06	-.27	-4.0	-18.1	1.20	-.29	.02	9.384	-2.083	.194
51	-.09	-.22	-5.8	-14.6	.99	-.40	.01	7.757	-3.096	.092
52	-.06	-.28	-4.2	-18.7	1.29	-.29	.01	10.098	-2.293	.108
53	-.18	-.34	-12.2	-63.5	4.60	-.88	-.04	36.00	-6.904	-.342

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 330
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
8	0.02	0.04	0.11	0.11	0.03	0.01	0.00	0.206	0.091	0.005
9	0.02	0.05	0.22	0.22	0.05	0.03	0.00	0.359	0.215	0.018
10	0.02	0.02	0.11	0.11	0.02	0.02	0.00	0.183	0.121	0.011
11	0.02	0.03	0.11	0.11	0.03	0.02	0.00	0.271	0.132	0.006
12	0.02	0.04	0.11	0.11	0.04	0.02	0.00	0.322	0.142	0.005
13	0.02	0.04	0.11	0.11	0.04	0.02	0.00	0.351	0.152	0.009
14	0.02	0.04	0.11	0.11	0.05	0.02	0.00	0.377	0.163	0.012
15	0.01	0.04	0.11	0.11	0.05	0.02	0.00	0.404	0.173	0.015
16	0.01	0.04	0.11	0.11	0.06	0.02	0.00	0.444	0.173	0.018
17	0.01	0.04	0.11	0.11	0.07	0.02	0.00	0.515	0.155	0.022
18	0.01	0.05	0.11	0.11	0.08	0.02	0.00	0.588	0.133	0.026
19	0.01	0.05	0.11	0.11	0.09	0.01	0.00	0.666	0.103	0.029
20	0.00	0.06	0.11	0.11	0.10	0.01	0.00	0.753	0.073	0.033
21	0.00	0.06	0.11	0.11	0.11	0.01	0.00	0.840	0.041	0.037
22	0.00	0.06	0.11	0.11	0.11	0.00	0.01	0.933	0.004	0.041
23	0.00	0.07	0.11	0.11	0.13	0.00	0.01	1.033	0.000	0.044
24	0.00	0.07	0.11	0.11	0.14	0.00	0.01	1.144	0.000	0.048
25	0.00	0.08	0.11	0.11	0.16	0.00	0.01	1.277	0.000	0.056
26	0.00	0.08	0.11	0.11	0.18	0.00	0.01	1.444	0.000	0.064
27	0.00	0.09	0.11	0.11	0.20	0.00	0.01	1.644	0.000	0.073
28	0.04	0.09	0.11	0.11	0.22	0.00	0.01	1.877	0.000	0.081
29	0.04	0.10	0.11	0.11	0.24	0.00	0.01	2.144	0.000	0.090
30	0.05	0.11	0.11	0.11	0.27	0.00	0.01	2.444	0.000	0.099
31	0.05	0.11	0.11	0.11	0.30	0.00	0.01	2.777	0.000	0.107
32	0.05	0.11	0.11	0.11	0.33	0.00	0.01	3.144	0.000	0.116
33	0.05	0.12	0.11	0.11	0.36	0.00	0.02	3.555	0.000	0.122
34	0.06	0.13	0.11	0.11	0.41	0.00	0.02	4.000	0.000	0.129
35	0.06	0.14	0.11	0.11	0.44	0.00	0.02	4.444	0.000	0.133
36	0.06	0.15	0.11	0.11	0.48	0.00	0.02	4.933	0.000	0.137
37	0.07	0.15	0.11	0.11	0.51	0.00	0.02	5.466	0.000	0.140
38	0.07	0.17	0.11	0.11	0.56	0.00	0.02	6.033	0.000	0.144
39	0.07	0.17	0.11	0.11	0.60	0.00	0.02	6.644	0.000	0.148
40	0.07	0.18	0.11	0.11	0.64	0.00	0.02	7.299	0.000	0.151
41	0.07	0.18	0.11	0.11	0.68	0.00	0.02	7.988	0.000	0.147
42	0.07	0.19	0.11	0.11	0.72	0.00	0.02	8.711	0.000	0.143
43	0.08	0.19	0.11	0.11	0.77	0.00	0.02	9.477	0.000	0.139
44	0.08	0.20	0.11	0.11	0.81	0.00	0.02	10.288	0.000	0.135
45	0.08	0.20	0.11	0.11	0.86	0.00	0.02	11.144	0.000	0.130

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 330
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.08	-.21	-5.4	-14.1	.87	-.33	.02	6.778	-2.610	.126
47	-.08	-.21	-5.5	-14.5	.91	-.35	.02	7.097	-2.714	.122
48	-.08	-.22	-5.7	-14.9	.95	-.36	.01	7.423	-2.819	.117
49	-.08	-.22	-5.3	-14.7	.96	-.34	.01	7.485	-2.690	.108
50	-.07	-.23	-4.9	-15.5	1.03	-.32	.01	8.068	-2.520	.102
51	-.08	-.17	-5.7	-11.7	.79	-.39	.00	6.192	-3.031	.039
52	-.08	-.25	-5.1	-17.1	1.18	-.35	.01	9.238	-2.741	.058
53	-.18	-.74	-12.3	-50.1	3.63	-.89	-.03	28.413	-6.956	-.229

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 340
REF PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 340
 REF PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ.FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.15	-.17	-10.3	-11.5	.70	-.63	-.00	5.510	-4.934	-.023
47	-.16	-.18	-10.7	-11.8	.74	-.67	-.00	5.784	-5.229	-.022
48	-.16	-.18	-11.1	-12.2	.77	-.71	-.00	6.065	-5.530	-.022
49	-.16	-.18	-11.0	-12.1	.79	-.72	-.00	6.174	-5.604	-.021
50	-.17	-.19	-11.6	-13.1	.87	-.77	-.00	6.791	-6.030	-.021
51	-.14	-.18	-9.8	-11.8	.80	-.66	-.01	6.272	-5.175	-.041
52	-.14	-.20	-9.4	-13.0	.91	-.65	-.01	7.146	-5.094	-.064
53	-.39	-.63	-26.6	-42.6	3.08	-1.93	-.05	24.166	-15.097	-.380

TABLE 7.

FLOOR FORCE AND MOMENT LOADS : PRELIMINARY RESULTS FOR MUSEUM TOWER, N.Y., N.Y. (NO LOADS FLOORS 1-6)

WIND DIRECTION 350
REF. PRESS = 34.0 PSF

GUST FACTOR = 1.32

REF. AREA = 1140 SQ. FT.

REF. LENGTH = 116 FT.

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
46	-.21	-.22	-13.9	-14.7	.90	-.85	-.00	7.037	-6.656	-.037
47	-.21	-.22	-14.2	-15.0	.93	-.89	-.00	7.320	-6.961	-.038
48	-.22	-.23	-14.5	-15.2	.97	-.93	-.00	7.608	-7.273	-.038
49	-.21	-.22	-14.8	-15.2	.99	-.94	-.01	7.723	-7.386	-.040
50	-.23	-.24	-15.5	-16.4	1.09	-1.04	-.01	8.527	-8.110	-.049
51	-.21	-.22	-15.9	-18.3	1.24	-.94	-.01	9.725	-7.359	-.114
52	-.20	-.27	-13.4	-18.5	1.27	-.92	-.02	9.986	-7.239	-.118
53	-.59	-.83	-40.0	-56.2	4.07	-2.89	-.05	31.874	-22.667	-.416

APPENDIX A
PRESSURE DATA

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

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	1	-.039	.091	.395	-.198	0	115	.395	.190	1.028	-.476	0	204	.316	.168	.886	-.261
0	2	-.059	.042	.186	-.178	0	116	.016	.091	.375	-.241	0	205	.337	.173	.867	-.165
0	3	-.050	.077	.344	-.257	0	117	.143	.121	.587	-.193	0	206	.376	.195	.969	-.174
0	4	-.039	.044	.243	-.153	0	118	.286	.153	.783	-.093	0	207	.293	.162	.847	-.207
0	5	-.096	.037	.205	-.240	0	119	.392	.181	.936	-.059	0	208	.275	.180	.899	-.237
0	6	-.068	.037	.203	-.191	0	120	.425	.193	1.093	-.137	0	209	.296	.168	.899	-.160
0	7	-.092	.047	.157	-.234	0	121	.411	.195	1.028	-.452	0	210	.310	.168	.847	-.276
0	8	-.093	.037	.134	-.210	0	122	.031	.100	.370	-.270	0	211	.348	.175	.928	-.284
0	9	-.090	.062	.278	-.264	0	123	.161	.127	.613	-.199	0	212	.300	.141	.736	-.178
0	10	-.198	.081	.007	-.694	0	124	.319	.148	.875	-.144	0	213	.324	.170	.856	-.261
0	11	-.074	.035	.058	-.313	0	125	.421	.171	.976	-.078	0	214	.347	.159	.902	-.124
0	12	-.131	.039	.075	-.406	0	126	.452	.177	1.034	-.038	0	215	.252	.162	.810	-.231
0	13	-.050	.029	.056	-.201	0	127	.441	.179	1.061	-.095	0	216	.265	.145	.723	-.093
0	14	-.105	.033	.058	-.205	0	128	-.005	.089	.388	-.273	0	217	.099	.138	.640	-.276
0	15	-.097	.040	.159	-.276	0	129	.104	.112	.619	-.259	0	218	.094	.150	.630	-.383
0	16	-.073	.033	.200	-.207	0	130	.240	.140	.806	-.208	0	219	.076	.131	.566	-.310
0	17	-.067	.038	.277	-.207	0	131	.324	.164	.967	-.179	0	220	-.048	.089	.437	-.316
0	18	-.043	.037	.151	-.199	0	132	.357	.171	.959	-.127	0	221	-.037	.091	.422	-.288
0	19	-.088	.040	.084	-.231	0	133	.345	.174	.948	-.206	0	222	-.157	.048	.043	-.319
0	20	-.101	.035	.091	-.211	0	134	-.068	.083	.340	-.333	0	223	-.146	.049	.087	-.323
0	21	-.120	.039	.062	-.297	0	135	.028	.096	.444	-.230	0	224	-.120	.043	.099	-.316
0	22	-.115	.044	.060	-.404	0	136	.130	.125	.589	-.184	0	225	-.085	.044	.141	-.208
0	23	-.102	.040	.111	-.241	0	137	.187	.145	.715	-.163	0	226	-.102	.042	.101	-.221
0	24	-.120	.033	.037	-.222	0	138	.197	.153	.781	-.263	0	227	-.081	.046	.136	-.195
0	25	-.113	.034	.066	-.249	0	139	.181	.150	.765	-.295	0	228	-.034	.037	.158	-.144
0	26	-.108	.031	.048	-.204	0	140	-.171	.070	.086	-.442	0	229	-.061	.040	.102	-.171
0	27	-.111	.033	.065	-.229	0	141	-.132	.078	.213	-.386	0	301	-.309	.072	-.122	-.614
0	28	-.139	.027	-.020	-.237	0	142	-.049	.096	.276	-.324	0	302	-.311	.074	-.109	-.704
0	29	-.126	.023	-.027	-.207	0	143	-.010	.109	.504	-.261	0	303	-.320	.078	-.114	-.753
0	30	-.119	.028	-.020	-.220	0	144	-.014	.109	.483	-.300	0	304	-.336	.065	-.119	-.600
0	31	-.132	.027	-.013	-.236	0	145	-.016	.107	.502	-.373	0	305	-.331	.063	-.153	-.582
0	91	-.128	.030	-.033	-.272	0	146	-.238	.064	-.035	-.598	0	306	-.322	.078	-.121	-.736
0	92	-.134	.045	.021	-.403	0	147	-.188	.056	.046	-.456	0	307	-.337	.064	-.106	-.661
0	93	-.124	.029	-.008	-.273	0	148	-.122	.052	.161	-.280	0	308	-.337	.080	-.156	-.803
0	94	-.148	.045	-.020	-.461	0	149	-.136	.052	.144	-.298	0	309	-.328	.068	-.156	-.633
0	95	-.037	.055	.241	-.197	0	150	-.147	.049	.093	-.322	0	310	-.321	.068	-.133	-.660
0	101	.054	.110	.430	-.259	0	151	-.159	.044	.059	-.376	0	311	-.323	.065	-.139	-.604
0	102	.208	.154	.771	-.232	0	152	-.157	.038	.040	-.318	0	312	-.318	.064	-.133	-.580
0	103	.326	.183	.872	-.398	0	153	-.154	.036	.083	-.285	0	313	-.334	.075	-.143	-.813
0	104	.083	.121	.531	-.249	0	154	-.084	.039	.128	-.179	0	314	-.317	.066	-.122	-.722
0	105	.308	.213	.966	-.437	0	155	-.095	.055	.164	-.225	0	315	-.321	.060	-.149	-.590
0	106	.104	.125	.482	-.195	0	156	-.013	.091	.470	-.215	0	316	-.304	.070	-.114	-.796
0	107	.336	.168	.852	-.148	0	157	-.050	.075	.345	-.251	0	317	-.315	.066	-.115	-.670
0	108	.423	.187	.970	-.236	0	158	-.154	.036	.035	-.255	0	318	-.272	.062	-.102	-.686
0	109	.033	.104	.457	-.266	0	159	-.138	.041	.123	-.248	0	319	-.268	.062	-.044	-.586
0	110	.145	.132	.733	-.247	0	160	-.073	.054	.189	-.220	0	320	-.249	.062	-.057	-.515
0	111	.409	.217	1.200	-.192	0	161	-.081	.061	.216	-.235	0	321	-.310	.075	-.112	-.747
0	112	.413	.197	.953	-.338	0	201	.211	.153	.731	-.204	0	322	-.290	.068	-.109	-.649
0	113	.091	.121	.487	-.255	0	202	.256	.169	.811	-.255	0	323	-.283	.059	-.094	-.527
0	114	.307	.173	.868	-.104	0	203	.154	.142	.888	-.214	0	324	-.294	.061	-.103	-.587

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	325	-.283	.056	-.110	-.532	0	375	-.128	.058	.231	-.375	0	549	-.227	.076	-.003	-1.006
0	326	-.262	.054	-.078	-.485	0	376	-.198	.105	.023	-.796	0	550	-.198	.069	-.015	-.802
0	327	-.264	.054	-.087	-.480	0	377	-.296	.159	.023	-1.494	0	551	-.232	.052	-.074	-.490
0	328	-.322	.077	-.100	-.738	0	501	-.257	.055	-.087	-.482	0	552	-.225	.051	-.062	-.626
0	329	-.304	.069	-.134	-.655	0	502	-.261	.052	-.112	-.486	0	553	-.242	.057	-.005	-.606
0	330	-.281	.060	-.118	-.585	0	503	-.256	.051	-.114	-.463	0	554	-.265	.065	-.000	-.563
0	331	-.280	.062	-.120	-.613	0	504	-.253	.052	-.088	-.498	0	555	-.206	.073	-.025	-.839
0	332	-.287	.060	-.114	-.559	0	505	-.205	.048	-.060	-.433	0	556	-.208	.068	.005	-.758
0	333	-.278	.054	-.105	-.484	0	506	-.237	.053	-.065	-.478	0	557	-.211	.056	-.036	-.536
0	334	-.261	.055	-.080	-.485	0	507	-.198	.042	-.042	-.377	0	558	-.203	.038	-.056	-.377
0	335	-.341	.099	-.042	-.882	0	508	-.290	.064	-.116	-.582	0	559	-.212	.048	-.025	-.512
0	336	-.346	.091	-.061	-.812	0	509	-.275	.049	-.135	-.551	0	560	-.230	.056	-.092	-.594
0	337	-.271	.075	-.060	-.725	0	510	-.267	.046	-.122	-.499	0	561	-.239	.064	-.072	-.609
0	338	-.292	.082	-.028	-.797	0	511	-.262	.044	-.135	-.460	0	562	-.119	.033	.007	-.296
0	339	-.290	.081	-.087	-1.051	0	512	-.282	.047	-.111	-.502	0	563	-.120	.031	.018	-.245
0	340	-.294	.073	-.107	-.738	0	514	-.265	.053	-.102	-.466	0	564	-.128	.033	-.007	-.304
0	341	-.287	.079	-.093	-.733	0	515	-.224	.050	-.094	-.467	0	565	-.143	.035	-.026	-.280
0	342	-.310	.094	-.097	-.790	0	516	-.206	.053	-.072	-.419	0	566	-.152	.037	-.013	-.291
0	343	-.307	.091	-.051	-.806	0	517	-.260	.064	-.066	-.631	0	567	-.149	.040	-.015	-.290
0	344	-.324	.085	-.038	-.670	0	518	-.219	.050	-.086	-.426	0	568	-.150	.043	-.007	-.357
0	345	-.326	.095	-.103	-.839	0	519	-.306	.052	-.151	-.560	0	569	-.106	.029	.018	-.204
0	346	-.311	.100	-.059	-.925	0	520	-.202	.048	-.019	-.388	0	570	-.110	.028	.002	-.204
0	347	-.307	.096	-.085	-.942	0	521	-.184	.047	-.033	-.378	0	571	-.117	.033	-.017	-.230
0	348	-.318	.094	-.093	-.909	0	522	-.229	.048	-.057	-.415	0	572	-.111	.023	.002	-.180
0	349	-.229	.066	-.067	-.614	0	523	-.286	.050	-.155	-.540	0	573	-.117	.032	.047	-.238
0	350	-.216	.066	.034	-.544	0	524	-.194	.048	-.042	-.394	0	574	-.112	.027	.002	-.214
0	351	-.248	.080	-.028	-.661	0	525	-.291	.049	-.128	-.605	0	575	-.111	.027	.000	-.215
0	352	-.320	.104	-.049	-1.020	0	526	-.268	.051	-.107	-.509	0	576	-.110	.029	-.007	-.219
0	353	-.357	.129	-.042	-1.133	0	527	-.250	.046	-.010	-.473	0	577	-.118	.030	-.010	-.236
0	354	-.387	.130	-.053	-1.382	0	528	-.217	.046	-.039	-.422	0	578	-.122	.030	-.021	-.235
0	355	-.295	.083	-.113	-.774	0	529	-.256	.047	-.097	-.470	0	579	-.114	.031	-.002	-.235
0	356	-.195	.073	.025	-.708	0	530	-.240	.046	-.072	-.514	0	580	-.112	.032	-.010	-.209
0	357	-.225	.079	.035	-.589	0	531	-.292	.049	-.138	-.498	0	701	.123	.198	.755	-.471
0	358	-.203	.099	.102	-.596	0	532	-.259	.048	-.127	-.486	0	702	.065	.122	.591	-.294
0	359	-.303	.134	.156	-.951	0	533	-.297	.054	-.136	-.552	0	703	.214	.185	.848	-.404
0	360	-.357	.154	.043	-1.280	0	534	-.213	.059	-.010	-.484	0	704	.280	.171	.847	-.235
0	361	-.423	.165	-.092	-1.607	0	535	-.256	.060	-.047	-.619	0	705	.311	.180	.941	-.218
0	362	-.361	.152	-.042	-1.433	0	536	-.225	.058	-.049	-.577	0	706	.157	.140	.753	-.280
0	363	-.161	.053	.089	-.422	0	537	-.257	.054	-.103	-.503	0	707	.174	.142	.951	-.258
0	364	-.162	.075	.086	-.539	0	538	-.230	.024	-.146	-.320	0	708	.134	.138	.770	-.254
0	365	-.345	.138	-.077	-1.175	0	539	-.279	.057	-.089	-.567	0	709	.145	.145	.736	-.346
0	366	-.114	.047	.097	-.366	0	540	-.290	.075	-.005	-.614	0	710	.260	.152	.884	-.238
0	367	-.143	.048	.097	-.321	0	541	-.231	.064	-.018	-.593	0	711	.266	.162	.889	-.227
0	368	-.121	.052	.146	-.355	0	542	-.200	.063	.020	-.554	0	712	.298	.157	.903	-.197
0	369	-.167	.057	.125	-.434	0	543	-.246	.064	-.044	-.626	0	713	.254	.154	.896	-.226
0	370	-.183	.101	.137	-.779	0	544	-.208	.051	-.044	-.501	0	714	.318	.161	.884	-.146
0	371	-.292	.146	-.009	-1.720	0	545	-.236	.050	-.044	-.434	0	715	.199	.147	.749	-.225
0	372	-.263	.128	-.030	-1.481	0	546	-.219	.059	.020	-.439	0	716	.242	.149	.833	-.140
0	373	-.133	.048	.140	-.347	0	547	-.283	.055	-.076	-.500	0	717	.063	.123	.493	-.314
0	374	-.098	.045	.095	-.366	0	548	-.198	.074	.000	-.877	0	718	.102	.131	.586	-.258

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	719	.123	.134	.609	-.253	0	840	-.383	.228	.177	-1.299	10	4	-.053	.033	.165	-.199
0	720	-.026	.082	.313	-.273	0	841	-.253	.160	.094	-.956	10	5	-.099	.037	.111	-.204
0	721	-.005	.089	.357	-.250	0	842	-.171	.054	.071	-.418	10	6	-.077	.031	.196	-.170
0	722	-.117	.043	.081	-.273	0	843	-.105	.067	.161	-.549	10	7	-.129	.027	-.006	-.241
0	723	-.118	.045	.084	-.307	0	844	-.214	.055	.000	-.418	10	8	-.114	.024	.044	-.192
0	724	-.103	.043	.065	-.290	0	845	-.299	.161	.102	-1.183	10	9	-.114	.043	.145	-.251
0	725	-.008	.063	.285	-.149	0	846	-.167	.088	.058	-.669	10	10	-.181	.061	-.033	-.706
0	726	-.070	.046	.123	-.190	0	847	-.205	.142	.141	-.806	10	11	-.082	.027	.039	-.219
0	727	-.068	.048	.165	-.188	0	848	-.161	.046	-.013	-.460	10	12	-.139	.026	-.049	-.260
0	728	-.030	.042	.133	-.144	0	849	-.179	.040	-.046	-.372	10	13	-.056	.022	.028	-.176
0	729	-.015	.062	.264	-.154	0	850	-.206	.083	.040	-.614	10	14	-.121	.023	-.017	-.224
0	801	-.521	.224	.272	-1.164	0	851	-.161	.049	.068	-.413	10	15	-.102	.036	.135	-.230
0	802	-.302	.209	.247	-1.069	0	852	-.194	.072	-.002	-.543	10	16	-.079	.031	.145	-.170
0	803	-.152	.073	.127	-.474	0	853	-.158	.046	.010	-.489	10	17	-.075	.033	.193	-.180
0	804	-.173	.044	.017	-.324	0	854	-.162	.034	-.043	-.330	10	18	-.052	.032	.109	-.234
0	805	-.196	.041	-.052	-.335	0	855	-.112	.034	.015	-.262	10	19	-.114	.026	.057	-.225
0	806	-.558	.229	.293	-1.193	0	856	-.190	.042	-.049	-.418	10	20	-.119	.024	.033	-.207
0	807	-.201	.042	-.054	-.416	0	857	-.138	.041	-.018	-.377	10	21	-.136	.026	.016	-.248
0	808	-.501	.221	.373	-1.251	0	858	-.101	.036	.053	-.247	10	22	-.125	.030	-.012	-.305
0	809	-.416	.236	.340	-1.200	0	859	-.079	.036	.090	-.255	10	23	-.121	.026	-.008	-.215
0	810	-.116	.098	.192	-.590	0	860	-.132	.029	.005	-.256	10	24	-.132	.024	-.010	-.202
0	811	-.101	.049	.090	-.320	0	861	-.149	.029	-.036	-.272	10	25	-.127	.024	-.010	-.200
0	812	-.228	.046	-.058	-.422	0	862	-.099	.039	.063	-.301	10	26	-.123	.023	-.013	-.186
0	813	-.483	.213	.237	-1.216	0	863	-.121	.039	-.010	-.310	10	27	-.126	.023	-.013	-.193
0	814	-.352	.224	.235	-1.081	0	864	-.104	.040	.099	-.326	10	28	-.146	.024	-.065	-.241
0	815	-.118	.086	.158	-.483	0	865	-.035	.042	.172	-.160	10	29	-.137	.028	-.025	-.239
0	816	-.153	.044	.057	-.309	0	866	-.106	.033	.043	-.220	10	30	-.125	.024	-.041	-.242
0	817	-.175	.039	-.018	-.300	0	867	-.112	.029	-.006	-.209	10	31	-.141	.024	-.063	-.231
0	818	-.225	.206	.493	-1.122	0	868	-.126	.043	.010	-.317	10	91	-.119	.029	.005	-.250
0	819	-.057	.082	.292	-.471	0	869	-.105	.034	.023	-.243	10	92	-.122	.037	.026	-.451
0	820	-.173	.042	.013	-.298	0	870	-.080	.053	.161	-.300	10	93	-.121	.031	.025	-.287
0	821	-.599	.287	.323	-1.703	0	901	-.158	.160	.927	-.335	10	94	-.128	.036	.012	-.341
0	822	-.333	.275	.307	-1.362	0	902	-.142	.152	.349	-.751	10	95	-.073	.047	.222	-.205
0	823	-.137	.140	.280	-.798	0	903	-.102	.055	.168	-.287	10	101	.113	.134	.530	-.467
0	824	-.123	.061	.131	-.509	0	904	-.278	.062	-.085	-.718	10	102	.240	.173	.892	-.301
0	825	-.156	.042	.065	-.322	0	905	-.276	.060	-.088	-.524	10	103	.318	.167	.869	-.573
0	826	-.151	.043	.014	-.330	0	906	-.245	.057	-.017	-.530	10	104	.116	.149	.634	-.277
0	827	-.383	.234	.566	-1.245	0	907	-.112	.143	.764	-.316	10	105	.345	.175	.986	-.235
0	828	-.546	.272	.330	-1.352	0	908	-.146	.158	.360	-.895	10	106	.157	.129	.663	-.161
0	829	-.052	.122	.421	-.734	0	909	-.139	.054	.108	-.309	10	107	.341	.183	.985	-.214
0	830	-.110	.056	.086	-.368	0	910	-.259	.057	-.072	-.556	10	108	.389	.186	1.038	-.205
0	831	-.148	.040	-.001	-.280	0	911	-.267	.058	-.057	-.533	10	109	.080	.122	.527	-.261
0	832	-.198	.039	-.071	-.349	0	912	-.271	.057	-.085	-.531	10	110	.190	.148	.733	-.172
0	833	-.495	.183	.115	-1.189	0	913	-.281	.076	.013	-.590	10	111	.380	.193	1.063	-.163
0	834	-.496	.188	.096	-1.048	0	914	-.300	.078	-.036	-.712	10	112	.361	.181	.942	-.180
0	835	-.243	.181	.144	-.971	0	915	-.492	.106	-.234	-.896	10	113	.128	.133	.642	-.229
0	836	-.146	.076	.065	-.570	0	916	-.460	.113	-.155	-.918	10	114	.341	.154	.937	-.007
0	837	-.163	.050	.063	-.461	10	1	-.101	.037	.154	-.194	10	115	.389	.189	.936	-.158
0	838	-.212	.053	.007	-.475	10	2	-.066	.036	.167	-.154	10	116	.036	.101	.433	-.260
0	839	-.438	.140	-.024	-.931	10	3	-.106	.038	.140	-.273	10	117	.141	.131	.636	-.233

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	118	.281	.160	.858	-.195	10	207	.259	.178	.839	-.475	10	328	-.322	.106	-.054	-.773
10	119	.371	.185	.982	-.193	10	208	.162	.174	.727	-.388	10	329	-.317	.087	-.057	-.717
10	120	.383	.175	.931	-.088	10	209	.255	.173	.835	-.333	10	330	-.306	.076	-.058	-.749
10	121	.338	.178	.961	-.153	10	210	.192	.156	.896	-.295	10	331	-.328	.082	-.045	-.838
10	122	.025	.102	.479	-.287	10	211	.236	.178	.889	-.223	10	332	-.311	.075	-.022	-.733
10	123	.139	.128	.630	-.183	10	212	.222	.147	.748	-.208	10	333	-.310	.075	-.029	-.873
10	124	.299	.166	.853	-.118	10	213	.179	.162	.890	-.351	10	334	-.300	.074	-.013	-.846
10	125	.366	.185	.954	-.091	10	214	.270	.158	.796	-.295	10	335	-.355	.108	-.058	-.840
10	126	.382	.180	.999	-.100	10	215	.129	.157	.687	-.499	10	336	-.337	.096	-.037	-.780
10	127	.349	.172	.984	-.106	10	216	.165	.140	.707	-.305	10	337	-.366	.120	-.013	-1.083
10	128	-.035	.081	.398	-.275	10	217	.038	.120	.518	-.403	10	338	-.340	.097	-.005	-.894
10	129	.039	.102	.558	-.217	10	218	.092	.133	.787	-.366	10	339	-.345	.096	.026	-.899
10	130	.162	.123	.682	-.108	10	219	.071	.113	.665	-.270	10	340	-.330	.089	-.064	-.880
10	131	.224	.143	.777	-.094	10	220	-.024	.080	.496	-.333	10	341	-.329	.088	-.089	-.769
10	132	.284	.163	.828	-.128	10	221	-.026	.072	.436	-.276	10	342	-.327	.097	-.104	-.846
10	133	.254	.167	.827	-.217	10	222	-.090	.040	.069	-.321	10	343	-.324	.097	-.073	-.756
10	134	-.128	.071	.236	-.377	10	223	-.099	.041	.058	-.343	10	344	-.325	.094	-.049	-.719
10	135	-.053	.080	.358	-.283	10	224	-.088	.041	.142	-.214	10	345	-.368	.104	-.067	-.979
10	136	.059	.088	.468	-.160	10	225	-.067	.035	.079	-.177	10	346	-.370	.112	-.076	-1.330
10	137	.094	.100	.527	-.163	10	226	-.075	.034	.077	-.183	10	347	-.369	.107	-.061	-1.160
10	138	.111	.105	.574	-.184	10	227	-.063	.035	.078	-.172	10	348	-.355	.103	-.057	-1.117
10	139	.097	.108	.585	-.338	10	228	-.049	.031	.126	-.128	10	349	-.230	.069	.017	-.661
10	140	-.161	.058	.095	-.366	10	229	-.090	.033	.038	-.200	10	350	-.225	.068	-.028	-.535
10	141	-.122	.057	.208	-.337	10	301	-.296	.090	-.033	-.782	10	351	-.259	.082	-.015	-.707
10	142	-.041	.060	.227	-.243	10	302	-.317	.098	-.025	-.743	10	352	-.308	.103	-.027	-1.061
10	143	-.018	.071	.303	-.226	10	303	-.375	.122	.041	-.963	10	353	-.371	.149	-.080	-1.255
10	144	-.005	.073	.374	-.184	10	304	-.381	.092	.043	-.926	10	354	-.373	.147	-.062	-1.322
10	145	-.014	.076	.352	-.208	10	305	-.373	.095	-.153	-1.011	10	355	-.388	.115	-.117	-.944
10	146	-.169	.045	-.003	-.408	10	306	-.322	.114	-.005	-.911	10	356	-.170	.056	-.012	-.527
10	147	-.151	.040	.019	-.329	10	307	-.369	.091	-.116	-.891	10	357	-.168	.057	-.012	-.432
10	148	-.105	.041	.085	-.266	10	308	-.323	.111	-.005	-.829	10	358	-.170	.064	.042	-.500
10	149	-.108	.040	.074	-.233	10	309	-.309	.091	-.023	-.680	10	359	-.232	.092	.087	-.692
10	150	-.102	.038	.057	-.246	10	310	-.347	.104	-.024	-.855	10	360	-.309	.120	.038	-1.105
10	151	-.122	.039	.029	-.329	10	311	-.351	.089	-.074	-.854	10	361	-.324	.125	-.065	-1.084
10	152	-.135	.032	-.014	-.361	10	312	-.343	.091	-.078	-.991	10	362	-.317	.130	-.038	-1.243
10	153	-.124	.029	.048	-.274	10	313	-.338	.113	.003	-1.086	10	363	-.134	.038	-.004	-.295
10	154	-.104	.033	.089	-.189	10	314	-.331	.099	-.017	-1.006	10	364	-.148	.053	.250	-.449
10	155	-.081	.043	.173	-.204	10	315	-.358	.103	-.069	-1.093	10	365	-.272	.119	-.026	-1.121
10	156	-.038	.065	.264	-.179	10	316	-.323	.076	-.078	-.700	10	366	-.124	.036	.111	-.311
10	157	-.060	.055	.140	-.197	10	317	-.338	.081	.008	-.771	10	367	-.127	.036	.099	-.277
10	158	-.104	.026	.014	-.178	10	318	-.340	.119	.051	-.910	10	368	-.128	.039	.073	-.307
10	159	-.110	.029	.036	-.192	10	319	-.347	.099	.031	-.867	10	369	-.143	.042	.020	-.406
10	160	-.065	.045	.172	-.176	10	320	-.351	.094	-.089	-.869	10	370	-.184	.081	.077	-.604
10	161	-.068	.048	.152	-.203	10	321	-.317	.096	-.069	-.830	10	371	-.250	.122	-.019	-1.362
10	201	.201	.166	.753	-.475	10	322	-.304	.086	-.046	-.683	10	372	-.252	.113	-.022	-1.248
10	202	.254	.159	.759	-.197	10	323	-.305	.076	-.050	-.715	10	373	-.118	.034	.010	-.270
10	203	.309	.178	.946	-.289	10	324	-.312	.082	-.079	-.846	10	374	-.117	.035	-.008	-.286
10	204	.195	.162	.740	-.418	10	325	-.325	.079	.039	-.666	10	375	-.122	.046	.127	-.336
10	205	.237	.158	.825	-.234	10	326	-.311	.073	-.056	-.693	10	376	-.202	.091	-.017	-.865
10	206	.233	.192	.959	-.384	10	327	-.313	.072	-.122	-.710	10	377	-.250	.129	-.036	-.965

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	501	-.228	.055	-.051	-.494	10	552	-.228	.053	-.088	-.556	10	722	-.126	.047	.087	-.363
10	502	-.221	.052	-.037	-.428	10	553	-.247	.058	-.094	-.495	10	723	-.123	.045	.031	-.310
10	503	-.215	.050	-.038	-.432	10	554	-.258	.060	-.085	-.500	10	724	-.118	.050	.075	-.393
10	504	-.226	.052	-.051	-.467	10	555	-.239	.084	-.058	-.863	10	725	-.036	.062	.282	-.162
10	505	-.189	.050	-.032	-.384	10	556	-.241	.087	-.033	-.892	10	726	-.092	.041	.082	-.212
10	506	-.236	.056	-.097	-.532	10	557	-.231	.076	-.039	-.750	10	727	-.091	.042	.098	-.214
10	507	-.243	.057	-.070	-.494	10	558	-.187	.042	-.013	-.462	10	728	-.057	.041	.111	-.180
10	508	-.253	.060	-.099	-.521	10	559	-.169	.039	-.030	-.453	10	729	-.046	.062	.244	-.170
10	509	-.239	.052	-.075	-.440	10	560	-.173	.045	-.053	-.470	10	801	-.651	.164	-.022	-1.247
10	510	-.239	.050	-.079	-.416	10	561	-.182	.052	-.047	-.492	10	802	-.500	.185	.039	-1.123
10	511	-.257	.050	-.093	-.423	10	562	-.143	.047	-.044	-.526	10	803	-.235	.070	-.045	-.619
10	512	-.258	.055	-.087	-.450	10	563	-.130	.035	-.040	-.460	10	804	-.195	.045	-.025	-.350
10	514	-.228	.048	-.072	-.439	10	564	-.124	.027	-.010	-.254	10	805	-.206	.047	-.017	-.383
10	515	-.205	.051	-.048	-.417	10	565	-.128	.026	-.008	-.250	10	806	-.681	.162	-.025	-1.271
10	516	-.192	.056	-.019	-.420	10	566	-.128	.026	-.013	-.226	10	807	-.209	.043	-.028	-.405
10	517	-.239	.055	-.087	-.482	10	567	-.127	.027	-.002	-.224	10	808	-.635	.181	.011	-1.550
10	518	-.195	.043	-.074	-.405	10	568	-.122	.030	-.023	-.301	10	809	-.518	.173	.005	-1.225
10	519	-.286	.063	-.103	-.567	10	569	-.109	.028	-.002	-.201	10	810	-.221	.102	.151	-.613
10	520	-.188	.043	-.034	-.375	10	570	-.110	.026	-.000	-.195	10	811	-.122	.041	.012	-.311
10	521	-.172	.042	-.026	-.361	10	571	-.110	.028	-.012	-.206	10	812	-.217	.044	-.081	-.400
10	522	-.199	.044	-.055	-.372	10	572	-.108	.022	-.035	-.168	10	813	-.651	.182	-.116	-1.414
10	523	-.259	.048	-.097	-.425	10	573	-.113	.028	-.013	-.206	10	814	-.527	.201	.065	-1.336
10	524	-.178	.046	-.021	-.471	10	574	-.112	.027	-.021	-.213	10	815	-.218	.097	.068	-.709
10	525	-.269	.055	-.075	-.507	10	575	-.110	.027	-.020	-.208	10	816	-.186	.043	-.025	-.350
10	526	-.249	.062	-.047	-.526	10	576	-.111	.026	-.015	-.191	10	817	-.226	.045	-.078	-.380
10	527	-.232	.045	-.060	-.403	10	577	-.114	.026	-.015	-.195	10	818	-.637	.203	-.041	-1.355
10	528	-.202	.044	-.047	-.419	10	578	-.116	.026	-.023	-.193	10	819	-.211	.111	.094	-.653
10	529	-.233	.046	-.083	-.489	10	579	-.113	.027	-.007	-.198	10	820	-.200	.043	-.053	-.363
10	530	-.213	.046	-.070	-.441	10	580	-.107	.026	-.010	-.193	10	821	-.679	.241	-.119	-1.957
10	531	-.271	.051	-.097	-.532	10	701	-.065	.150	.464	-.563	10	822	-.518	.222	.145	-1.278
10	532	-.244	.055	-.039	-.501	10	702	.129	.154	.603	-.371	10	823	-.255	.143	.069	-.822
10	533	-.281	.064	-.052	-.600	10	703	.079	.194	.728	-.542	10	824	-.184	.063	-.004	-.496
10	534	-.208	.056	-.025	-.711	10	704	.174	.166	.718	-.333	10	825	-.176	.040	-.054	-.393
10	535	-.249	.057	-.050	-.803	10	705	.182	.162	.792	-.449	10	826	-.165	.036	-.039	-.310
10	536	-.219	.049	-.064	-.611	10	706	.144	.172	.688	-.385	10	827	-.530	.190	.140	-1.463
10	537	-.248	.044	-.103	-.417	10	707	.150	.176	.740	-.385	10	828	-.641	.211	.067	-1.421
10	538	-.223	.020	-.162	-.287	10	708	.153	.171	.685	-.410	10	829	-.156	.138	.176	-.999
10	539	-.281	.053	-.069	-.527	10	709	.150	.161	.810	-.381	10	830	-.176	.074	.017	-.597
10	540	-.291	.069	-.073	-.618	10	710	.139	.152	.629	-.501	10	831	-.175	.043	-.032	-.345
10	541	-.229	.059	-.062	-.702	10	711	.140	.158	.634	-.489	10	832	-.208	.041	-.071	-.380
10	542	-.198	.058	-.047	-.698	10	712	.183	.150	.660	-.368	10	833	-.560	.158	.215	-1.229
10	543	-.245	.059	-.099	-.679	10	713	.143	.149	.625	-.389	10	834	-.555	.152	.025	-1.101
10	544	-.217	.049	-.101	-.611	10	714	.202	.154	.714	-.274	10	835	-.303	.167	.082	-.928
10	545	-.249	.048	-.090	-.440	10	715	.103	.141	.593	-.397	10	836	-.206	.084	-.012	-.755
10	546	-.231	.057	-.047	-.546	10	716	.141	.144	.721	-.327	10	837	-.189	.043	-.054	-.456
10	547	-.294	.056	-.132	-.485	10	717	.011	.108	.497	-.461	10	838	-.223	.043	-.080	-.451
10	548	-.187	.069	-.024	-.680	10	718	.030	.107	.444	-.316	10	839	-.461	.120	-.145	-.966
10	549	-.213	.071	-.047	-.751	10	719	.043	.105	.463	-.287	10	840	-.532	.192	.069	-1.313
10	550	-.185	.067	-.050	-.746	10	720	-.050	.065	.254	-.269	10	841	-.258	.113	.010	-.792
10	551	-.224	.050	-.030	-.512	10	721	-.041	.070	.285	-.273	10	842	-.222	.048	-.063	-.443

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
10	843	-.169	.069	.054	-.572	20	7	-.120	.023	.026	-.209	20	121	.182	.178	.884	-.269
10	844	-.262	.049	-.114	-.533	20	8	-.106	.020	-.031	-.166	20	122	-.027	.102	.377	-.377
10	845	-.422	.147	.053	-1.034	20	9	-.110	.032	.107	-.201	20	123	.062	.126	.575	-.263
10	846	-.226	.097	.046	-.729	20	10	-.156	.037	-.062	-.486	20	124	.160	.148	.884	-.178
10	847	-.315	.140	.072	-.973	20	11	-.083	.030	.027	-.372	20	125	.198	.173	.969	-.256
10	848	-.198	.054	-.022	-.550	20	12	-.124	.022	-.034	-.224	20	126	.207	.175	.942	-.218
10	849	-.211	.044	-.080	-.464	20	13	-.058	.023	.026	-.206	20	127	.175	.170	.876	-.261
10	850	-.248	.093	.017	-.681	20	14	-.114	.020	-.035	-.170	20	128	-.065	.075	.275	-.421
10	851	-.190	.049	-.019	-.429	20	15	-.105	.031	.031	-.242	20	129	-.013	.092	.426	-.362
10	852	-.231	.083	-.003	-.620	20	16	-.080	.026	.066	-.167	20	130	.070	.111	.590	-.213
10	853	-.177	.054	-.005	-.483	20	17	-.071	.031	.068	-.190	20	131	.109	.130	.707	-.213
10	854	-.173	.042	.028	-.355	20	18	-.050	.031	.157	-.180	20	132	.131	.132	.686	-.278
10	855	-.122	.043	.049	-.328	20	19	-.108	.021	.014	-.178	20	133	.096	.133	.716	-.305
10	856	-.204	.047	-.030	-.420	20	20	-.111	.020	-.038	-.178	20	134	-.120	.064	.208	-.313
10	857	-.163	.043	.010	-.371	20	21	-.128	.022	-.045	-.204	20	135	-.068	.069	.280	-.238
10	858	-.128	.037	.022	-.288	20	22	-.119	.024	-.031	-.242	20	136	.006	.076	.436	-.178
10	859	-.105	.039	.036	-.351	20	23	-.117	.023	-.021	-.190	20	137	.020	.086	.527	-.186
10	860	-.150	.031	-.022	-.268	20	24	-.129	.019	-.049	-.188	20	138	.029	.087	.526	-.218
10	861	-.153	.030	-.019	-.292	20	25	-.123	.019	-.010	-.181	20	139	.012	.085	.460	-.208
10	862	-.124	.037	.012	-.299	20	26	-.120	.019	-.034	-.179	20	140	-.121	.042	.115	-.310
10	863	-.121	.037	.020	-.403	20	27	-.123	.019	.002	-.179	20	141	-.098	.045	.187	-.257
10	864	-.132	.039	.019	-.344	20	28	-.135	.020	-.075	-.232	20	142	-.053	.051	.262	-.173
10	865	-.059	.032	.091	-.149	20	29	-.132	.021	-.061	-.214	20	143	-.038	.058	.308	-.174
10	866	-.128	.033	-.016	-.231	20	30	-.127	.021	-.047	-.216	20	144	-.024	.060	.311	-.203
10	867	-.117	.034	.118	-.223	20	31	-.128	.020	-.070	-.210	20	145	-.031	.061	.311	-.209
10	868	-.128	.039	.120	-.290	20	91	-.131	.024	-.044	-.230	20	146	-.130	.036	-.011	-.289
10	869	-.119	.032	.082	-.251	20	92	-.131	.028	-.013	-.314	20	147	-.120	.034	.036	-.247
10	870	-.094	.039	.053	-.276	20	93	-.138	.027	-.039	-.259	20	148	-.092	.035	.140	-.203
10	901	.159	.177	.786	-.377	20	94	-.143	.028	-.026	-.343	20	149	-.093	.035	.106	-.202
10	902	-.469	.166	.078	-.959	20	95	-.101	.033	.053	-.207	20	150	-.088	.032	.034	-.206
10	903	-.182	.049	-.007	-.397	20	101	.063	.155	.766	-.376	20	151	-.109	.033	.033	-.269
10	904	-.348	.100	-.074	-.736	20	102	.137	.180	.873	-.328	20	152	-.121	.026	-.022	-.325
10	905	-.356	.093	-.107	-.967	20	103	.206	.192	.928	-.477	20	153	-.112	.025	-.015	-.247
10	906	-.351	.089	-.045	-.874	20	104	.051	.157	.650	-.354	20	154	-.101	.030	.031	-.198
10	907	.137	.160	.713	-.507	20	105	.328	.206	.949	-.259	20	155	-.090	.029	.041	-.183
10	908	-.475	.162	.098	-.995	20	106	.158	.150	.731	-.241	20	156	-.061	.047	.179	-.178
10	909	-.200	.049	-.016	-.441	20	107	.211	.186	1.067	-.241	20	157	-.073	.041	.139	-.174
10	910	-.324	.100	-.039	-.754	20	108	.235	.187	1.061	-.218	20	158	-.098	.023	-.006	-.178
10	911	-.363	.109	-.062	-.886	20	109	.008	.124	.601	-.368	20	159	-.106	.025	.011	-.178
10	912	-.365	.089	-.050	-.883	20	110	.085	.147	.722	-.310	20	160	-.084	.031	.060	-.188
10	913	-.337	.086	-.080	-.699	20	111	.230	.202	1.036	-.275	20	161	-.080	.034	.089	-.184
10	914	-.407	.118	-.065	-.838	20	112	.199	.186	.845	-.328	20	201	.093	.183	.812	-.459
10	915	-.437	.105	-.063	-.865	20	113	.046	.128	.571	-.366	20	202	.163	.191	.996	-.442
10	916	-.449	.110	-.068	-.890	20	114	.340	.186	.950	-.115	20	203	.197	.195	.899	-.297
20	1	-.092	.030	.089	-.197	20	115	.233	.197	.937	-.303	20	204	.051	.157	.683	-.662
20	2	-.057	.038	.171	-.151	20	116	-.015	.104	.593	-.346	20	205	.104	.170	.706	-.529
20	3	-.104	.029	.055	-.187	20	117	.049	.126	.695	-.344	20	206	.074	.175	.747	-.555
20	4	-.044	.035	.154	-.208	20	118	.143	.147	.780	-.257	20	207	.135	.194	.755	-.405
20	5	-.100	.033	.146	-.176	20	119	.194	.171	.911	-.161	20	208	.030	.160	.694	-.453
20	6	-.076	.030	.092	-.160	20	120	.234	.181	.876	-.238	20	209	.111	.185	.754	-.459

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	210	.071	.154	.661	-.393	20	331	-.320	.111	.073	-.748	20	504	-.193	.051	-.044	-.453
20	211	.119	.191	.928	-.419	20	332	-.328	.109	.012	-.961	20	505	-.179	.052	-.042	-.400
20	212	.117	.170	.750	-.365	20	333	-.337	.100	.007	-.860	20	506	-.213	.051	-.056	-.410
20	213	.059	.156	.787	-.477	20	334	-.323	.097	.013	-.828	20	507	-.206	.048	-.060	-.424
20	214	.136	.165	.799	-.285	20	335	-.283	.112	-.059	-.984	20	508	-.207	.051	-.072	-.469
20	215	-.008	.121	.594	-.437	20	336	-.270	.104	-.010	-.792	20	509	-.199	.044	-.081	-.410
20	216	.043	.123	.652	-.303	20	337	-.315	.121	.007	-.944	20	510	-.200	.043	-.082	-.382
20	217	-.052	.083	.313	-.345	20	338	-.318	.112	.016	-.818	20	511	-.201	.045	-.078	-.383
20	218	.000	.089	.419	-.274	20	339	-.343	.115	-.074	-1.090	20	512	-.208	.050	-.077	-.435
20	219	-.016	.083	.399	-.278	20	340	-.329	.103	-.089	-.979	20	514	-.191	.044	-.065	-.353
20	220	-.058	.059	.244	-.240	20	341	-.326	.106	-.029	-1.126	20	515	-.181	.055	-.024	-.453
20	221	-.052	.059	.222	-.235	20	342	-.253	.086	-.038	-.674	20	516	-.165	.061	-.009	-.470
20	222	-.091	.037	.032	-.221	20	343	-.255	.090	.065	-.719	20	517	-.216	.049	-.039	-.502
20	223	-.101	.038	.072	-.232	20	344	-.258	.091	-.042	-.723	20	518	-.183	.046	-.061	-.452
20	224	-.098	.037	.070	-.223	20	345	-.314	.113	-.029	-.971	20	519	-.231	.059	-.065	-.509
20	225	-.092	.028	.036	-.197	20	346	-.327	.117	-.013	-.879	20	520	-.168	.040	-.052	-.372
20	226	-.084	.027	.024	-.193	20	347	-.337	.115	-.059	-1.172	20	521	-.162	.045	-.019	-.387
20	227	-.090	.027	.031	-.188	20	348	-.323	.109	-.064	-1.023	20	522	-.174	.042	-.055	-.346
20	228	-.059	.029	.073	-.160	20	349	-.209	.062	-.039	-.882	20	523	-.220	.044	-.090	-.415
20	229	-.102	.029	.019	-.188	20	350	-.201	.062	-.018	-.636	20	524	-.158	.050	-.012	-.365
20	301	-.223	.089	-.035	-1.171	20	351	-.227	.074	-.010	-.640	20	525	-.223	.053	-.081	-.526
20	302	-.242	.104	-.010	-1.225	20	352	-.256	.092	-.059	-.711	20	526	-.194	.060	-.060	-.554
20	303	-.331	.151	.011	-1.486	20	353	-.244	.096	.007	-.701	20	527	-.210	.041	-.090	-.445
20	304	-.406	.143	-.001	-1.234	20	354	-.257	.093	-.017	-.949	20	528	-.176	.039	-.065	-.372
20	305	-.394	.130	-.035	-1.141	20	355	-.276	.087	-.114	-.736	20	529	-.205	.040	-.086	-.401
20	306	-.244	.103	-.031	-.888	20	356	-.144	.035	-.025	-.346	20	530	-.178	.039	-.055	-.379
20	307	-.412	.132	.005	-1.109	20	357	-.134	.035	.005	-.295	20	531	-.229	.047	-.095	-.493
20	308	-.233	.106	.018	-.901	20	358	-.134	.041	.007	-.458	20	532	-.199	.055	-.055	-.524
20	309	-.228	.094	.021	-.757	20	359	-.168	.056	.042	-.547	20	533	-.231	.064	-.047	-.608
20	310	-.301	.133	.076	-1.067	20	360	-.231	.084	-.023	-.812	20	534	-.169	.044	-.065	-.459
20	311	-.365	.135	.074	-1.007	20	361	-.219	.090	-.032	-.851	20	535	-.212	.045	-.102	-.538
20	312	-.364	.137	.090	-1.062	20	362	-.218	.089	-.038	-.912	20	536	-.186	.041	-.062	-.439
20	313	-.241	.104	-.025	-.781	20	363	-.120	.028	.014	-.214	20	537	-.212	.038	-.109	-.461
20	314	-.243	.102	-.004	-.716	20	364	-.145	.032	.018	-.323	20	538	-.185	.020	-.125	-.261
20	315	-.319	.132	.009	-1.165	20	365	-.207	.091	-.069	-1.129	20	539	-.238	.051	-.095	-.518
20	316	-.397	.139	.124	-1.045	20	366	-.116	.031	.005	-.249	20	540	-.231	.058	-.076	-.538
20	317	-.356	.119	.088	-1.207	20	367	-.121	.031	.003	-.242	20	541	-.193	.042	-.063	-.430
20	318	-.249	.105	-.008	-.847	20	368	-.125	.033	.023	-.247	20	542	-.160	.041	-.033	-.399
20	319	-.329	.126	.028	-.949	20	369	-.131	.033	.042	-.258	20	543	-.201	.039	-.057	-.445
20	320	-.361	.109	.020	-.808	20	370	-.157	.054	.062	-.616	20	544	-.174	.035	-.070	-.352
20	321	-.259	.102	.055	-.715	20	371	-.199	.080	-.053	-.752	20	545	-.209	.042	-.101	-.417
20	322	-.254	.100	.064	-.818	20	372	-.200	.076	-.058	-.705	20	546	-.188	.049	-.058	-.434
20	323	-.286	.109	.021	-.933	20	373	-.121	.028	-.012	-.233	20	547	-.236	.046	-.125	-.463
20	324	-.324	.119	-.003	-.811	20	374	-.118	.027	-.013	-.206	20	548	-.148	.041	-.045	-.352
20	325	-.346	.115	.014	-.910	20	375	-.121	.030	.052	-.291	20	549	-.175	.041	-.068	-.401
20	326	-.334	.108	.031	-.967	20	376	-.163	.056	-.015	-.733	20	550	-.142	.035	-.050	-.329
20	327	-.342	.108	.037	-1.154	20	377	-.184	.081	-.049	-1.114	20	551	-.183	.030	-.097	-.350
20	328	-.262	.114	.017	-.831	20	501	-.197	.055	-.047	-.469	20	552	-.186	.040	-.076	-.420
20	329	-.263	.096	-.019	-.628	20	502	-.193	.049	-.034	-.462	20	553	-.198	.044	-.087	-.440
20	330	-.273	.097	.064	-.649	20	503	-.189	.045	-.039	-.432	20	554	-.202	.045	-.099	-.435

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
20	555	-.185	.046	-.071	-.577	20	725	-.083	.034	.048	-.168	20	846	-.170	.059	-.007	-.564
20	556	-.181	.046	-.071	-.533	20	726	-.102	.028	.018	-.189	20	847	-.229	.092	.033	-.951
20	557	-.175	.040	-.060	-.508	20	727	-.106	.028	.013	-.188	20	848	-.161	.036	-.029	-.377
20	558	-.160	.027	-.078	-.342	20	728	-.094	.028	.018	-.182	20	849	-.159	.030	-.046	-.330
20	559	-.157	.029	-.040	-.330	20	729	-.089	.034	.037	-.170	20	850	-.185	.066	.048	-.533
20	560	-.158	.031	-.076	-.348	20	801	-.591	.177	-.061	-1.194	20	851	-.159	.032	-.050	-.389
20	561	-.163	.036	-.063	-.524	20	802	-.509	.167	-.139	-1.057	20	852	-.174	.057	.003	-.450
20	562	-.138	.031	-.060	-.345	20	803	-.239	.061	-.060	-.617	20	853	-.143	.039	-.003	-.411
20	563	-.133	.026	-.058	-.322	20	804	-.188	.045	-.035	-.445	20	854	-.148	.031	-.017	-.318
20	564	-.127	.026	-.005	-.216	20	805	-.189	.046	-.020	-.385	20	855	-.132	.031	-.016	-.288
20	565	-.125	.025	-.008	-.210	20	806	-.623	.175	-.178	-1.264	20	856	-.166	.032	-.026	-.366
20	566	-.124	.024	-.011	-.210	20	807	-.197	.045	-.032	-.398	20	857	-.143	.030	-.031	-.286
20	567	-.122	.024	-.017	-.200	20	808	-.585	.195	-.060	-1.474	20	858	-.132	.027	.011	-.240
20	568	-.118	.024	-.023	-.284	20	809	-.458	.160	-.012	-1.151	20	859	-.131	.028	-.008	-.262
20	569	-.117	.026	-.037	-.205	20	810	-.244	.079	-.003	-.560	20	860	-.146	.026	.021	-.230
20	570	-.119	.024	-.039	-.195	20	811	-.135	.044	.016	-.356	20	861	-.146	.027	.030	-.238
20	571	-.116	.026	-.028	-.213	20	812	-.192	.045	-.001	-.403	20	862	-.125	.028	-.009	-.251
20	572	-.111	.020	-.025	-.175	20	813	-.568	.178	-.106	-1.253	20	863	-.146	.031	-.047	-.262
20	573	-.116	.025	-.013	-.205	20	814	-.462	.169	-.075	-1.096	20	864	-.131	.029	-.008	-.235
20	574	-.123	.027	.028	-.197	20	815	-.240	.075	-.025	-.595	20	865	-.075	.033	.073	-.174
20	575	-.121	.026	.026	-.195	20	816	-.188	.042	-.043	-.462	20	866	-.125	.026	-.023	-.220
20	576	-.113	.024	-.003	-.200	20	817	-.198	.043	-.045	-.343	20	867	-.129	.026	.023	-.218
20	577	-.115	.024	-.010	-.200	20	818	-.583	.199	-.109	-1.445	20	868	-.138	.031	-.008	-.243
20	578	-.115	.024	-.003	-.189	20	819	-.252	.083	-.003	-.715	20	869	-.131	.028	-.008	-.265
20	579	-.112	.023	.005	-.188	20	820	-.194	.039	-.066	-.342	20	870	-.106	.030	.043	-.251
20	580	-.108	.024	-.023	-.175	20	821	-.553	.178	-.087	-1.345	20	901	.029	.160	.609	-.613
20	701	-.135	.132	.398	-.842	20	822	-.601	.211	-.025	-1.490	20	902	-.451	.143	-.088	-.970
20	702	.008	.161	.567	-.584	20	823	-.285	.109	.021	-.791	20	903	-.193	.046	-.025	-.432
20	703	-.020	.153	.577	-.667	20	824	-.213	.055	-.042	-.523	20	904	-.265	.100	.135	-.741
20	704	.037	.166	.625	-.488	20	825	-.171	.038	-.029	-.354	20	905	-.340	.121	.032	-.808
20	705	.065	.164	.882	-.473	20	826	-.171	.041	-.056	-.336	20	906	-.354	.121	.073	-.916
20	706	-.016	.151	.499	-.550	20	827	-.552	.176	-.090	-1.139	20	907	.016	.155	.727	-.486
20	707	.034	.169	.587	-.570	20	828	-.527	.179	.038	-1.205	20	908	-.458	.148	-.060	-1.083
20	708	.003	.150	.576	-.688	20	829	-.260	.136	.082	-.847	20	909	-.200	.052	.107	-.441
20	709	.026	.145	.503	-.400	20	830	-.194	.054	-.016	-.450	20	910	-.246	.092	.027	-.736
20	710	-.003	.139	.440	-.546	20	831	-.167	.038	-.017	-.342	20	911	-.348	.126	-.009	-.872
20	711	.005	.145	.595	-.488	20	832	-.194	.037	-.066	-.399	20	912	-.383	.138	.181	-1.115
20	712	.054	.142	.675	-.405	20	833	-.451	.151	.013	-1.098	20	913	-.278	.081	-.036	-.622
20	713	-.002	.136	.499	-.508	20	834	-.444	.140	-.052	-1.051	20	914	-.344	.122	-.016	-.897
20	714	.059	.141	.714	-.364	20	835	-.260	.113	.039	-.819	20	915	-.394	.128	-.078	-.999
20	715	-.021	.106	.398	-.391	20	836	-.206	.062	-.029	-.622	20	916	-.409	.132	-.063	-.990
20	716	.022	.111	.539	-.340	20	837	-.174	.039	-.052	-.361	30	1	-.090	.028	.077	-.179
20	717	-.063	.075	.311	-.347	20	838	-.204	.041	-.065	-.399	30	2	-.063	.026	.088	-.145
20	718	-.043	.079	.332	-.346	20	839	-.369	.094	-.150	-.814	30	3	-.105	.028	.067	-.204
20	719	-.037	.080	.387	-.283	20	840	-.342	.128	-.010	-.889	30	4	-.049	.025	.093	-.135
20	720	-.071	.052	.213	-.312	20	841	-.237	.081	-.014	-.610	30	5	-.104	.026	.002	-.205
20	721	-.070	.057	.219	-.287	20	842	-.180	.035	-.059	-.440	30	6	-.075	.024	.028	-.143
20	722	-.108	.036	.004	-.240	20	843	-.171	.046	-.026	-.534	30	7	-.115	.022	-.008	-.203
20	723	-.131	.043	.046	-.355	20	844	-.199	.036	-.084	-.418	30	8	-.103	.022	-.024	-.187
20	724	-.117	.036	-.000	-.296	20	845	-.271	.096	.051	-.777	30	9	-.116	.026	.036	-.216

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	10	-.142	.028	-.039	-.299	30	124	.051	.106	.744	-.245	30	213	-.091	.129	.432	-.608
30	11	-.077	.022	.017	-.174	30	125	.036	.113	.604	-.274	30	214	-.022	.143	.542	-.722
30	12	-.123	.023	-.051	-.227	30	126	.027	.118	.613	-.305	30	215	-.099	.110	.351	-.788
30	13	-.053	.019	.028	-.124	30	127	-.007	.124	.606	-.320	30	216	-.061	.097	.346	-.538
30	14	-.116	.021	-.052	-.191	30	128	-.069	.062	.195	-.310	30	217	-.094	.072	.218	-.598
30	15	-.106	.025	-.000	-.183	30	129	-.060	.066	.237	-.274	30	218	-.060	.071	.286	-.406
30	16	-.077	.025	.049	-.166	30	130	-.020	.073	.331	-.231	30	219	-.068	.063	.229	-.341
30	17	-.070	.025	.049	-.150	30	131	-.007	.083	.414	-.223	30	220	-.077	.049	.156	-.283
30	18	-.052	.025	.070	-.138	30	132	.014	.090	.482	-.225	30	221	-.076	.046	.178	-.229
30	19	-.104	.022	.002	-.172	30	133	-.028	.094	.496	-.349	30	222	-.093	.029	.034	-.185
30	20	-.106	.021	-.021	-.174	30	134	-.113	.046	.128	-.367	30	223	-.102	.031	.038	-.221
30	21	-.122	.022	-.035	-.191	30	135	-.091	.049	.185	-.297	30	224	-.104	.031	.071	-.250
30	22	-.111	.022	-.012	-.191	30	136	-.036	.050	.230	-.207	30	225	-.103	.023	-.018	-.198
30	23	-.109	.021	-.018	-.190	30	137	-.045	.056	.320	-.199	30	226	-.095	.023	-.008	-.185
30	24	-.125	.021	-.045	-.203	30	138	-.041	.060	.395	-.218	30	227	-.101	.022	-.020	-.182
30	25	-.116	.020	-.039	-.195	30	139	-.055	.063	.409	-.297	30	228	-.073	.022	.038	-.143
30	26	-.113	.020	-.037	-.191	30	140	-.113	.033	.023	-.240	30	229	-.106	.025	-.001	-.202
30	27	-.118	.020	-.045	-.199	30	141	-.099	.034	.023	-.234	30	301	-.147	.047	-.015	-.500
30	28	-.132	.020	-.060	-.190	30	142	-.069	.038	.082	-.202	30	302	-.144	.055	.018	-.550
30	29	-.124	.020	-.058	-.184	30	143	-.069	.042	.114	-.197	30	303	-.218	.091	.061	-.840
30	30	-.121	.021	-.039	-.190	30	144	-.069	.048	.277	-.190	30	304	-.228	.131	.278	-.954
30	31	-.125	.020	-.058	-.186	30	145	-.071	.051	.290	-.219	30	305	-.262	.137	.244	-.842
30	91	-.126	.024	-.046	-.210	30	146	-.102	.028	.009	-.207	30	306	-.155	.051	.044	-.498
30	92	-.118	.025	-.024	-.224	30	147	-.106	.030	.024	-.197	30	307	-.291	.155	.330	-1.034
30	93	-.127	.026	-.018	-.238	30	148	-.098	.033	.061	-.228	30	308	-.157	.053	.010	-.836
30	94	-.128	.025	-.013	-.215	30	149	-.096	.032	.028	-.198	30	309	-.145	.058	.088	-.756
30	95	-.117	.024	.012	-.200	30	150	-.090	.029	.007	-.190	30	310	-.150	.095	.163	-.604
30	101	-.012	.137	.549	-.473	30	151	-.107	.029	.004	-.243	30	311	-.235	.153	.337	-.821
30	102	.026	.142	.765	-.371	30	152	-.120	.025	-.027	-.238	30	312	-.254	.158	.432	-.923
30	103	.001	.141	.636	-.381	30	153	-.115	.025	-.025	-.196	30	313	-.151	.051	.001	-.586
30	104	.003	.143	1.016	-.402	30	154	-.110	.024	-.000	-.193	30	314	-.194	.056	.023	-.597
30	105	.065	.164	.833	-.368	30	155	-.102	.027	.024	-.187	30	315	-.159	.092	.149	-.667
30	106	.031	.113	.594	-.354	30	156	-.094	.035	.111	-.218	30	316	-.239	.140	.241	-.770
30	107	.030	.133	.702	-.293	30	157	-.097	.031	.059	-.219	30	317	-.223	.135	.353	-.943
30	108	-.028	.136	.555	-.430	30	158	-.102	.023	-.021	-.177	30	318	-.162	.048	.008	-.574
30	109	-.022	.126	.823	-.417	30	159	-.109	.024	-.030	-.182	30	319	-.173	.099	.211	-.718
30	110	.005	.123	.800	-.376	30	160	-.098	.026	-.010	-.193	30	320	-.228	.127	.367	-.868
30	111	.040	.144	.783	-.334	30	161	-.096	.027	.023	-.176	30	321	-.160	.049	-.004	-.564
30	112	-.008	.129	.626	-.343	30	201	-.088	.153	.573	-.755	30	322	-.152	.056	.036	-.478
30	113	-.009	.116	.899	-.324	30	202	-.003	.155	.637	-.676	30	323	-.166	.072	.059	-.712
30	114	.101	.123	.819	-.191	30	203	-.029	.149	.595	-.666	30	324	-.175	.093	.138	-1.083
30	115	.010	.136	.729	-.367	30	204	-.099	.147	.531	-.731	30	325	-.208	.101	.167	-.702
30	116	-.026	.108	.537	-.312	30	205	-.053	.156	.550	-.661	30	326	-.222	.110	.244	-.849
30	117	-.010	.106	.552	-.256	30	206	-.100	.151	.520	-.714	30	327	-.247	.122	.266	-1.338
30	118	.027	.103	.528	-.241	30	207	-.058	.145	.532	-.813	30	328	-.156	.051	-.003	-.738
30	119	.030	.116	.556	-.292	30	208	-.112	.148	.546	-.742	30	329	-.153	.051	.024	-.448
30	120	.032	.124	.814	-.332	30	209	-.053	.145	.554	-.616	30	330	-.148	.065	.122	-.462
30	121	-.021	.130	.681	-.452	30	210	-.072	.127	.474	-.637	30	331	-.175	.087	.146	-.684
30	122	-.056	.106	.674	-.390	30	211	-.067	.149	.534	-.633	30	332	-.193	.107	.155	-.803
30	123	-.019	.103	.661	-.355	30	212	-.049	.125	.482	-.582	30	333	-.237	.118	.200	-.770

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	334	-.242	.121	.234	-.795	30	507	-.174	.041	-.040	-.423	30	558	-.138	.027	-.043	-.263
30	335	-.170	.047	-.010	-.566	30	508	-.167	.038	-.052	-.349	30	559	-.141	.029	-.037	-.358
30	336	-.153	.046	.036	-.458	30	509	-.162	.037	-.015	-.357	30	560	-.141	.027	-.047	-.292
30	337	-.171	.069	.070	-.501	30	510	-.164	.036	-.043	-.321	30	561	-.147	.031	-.028	-.324
30	338	-.175	.069	.076	-.452	30	511	-.220	.036	-.103	-.374	30	562	-.124	.031	-.043	-.417
30	339	-.206	.084	.146	-.732	30	512	-.166	.038	-.050	-.353	30	563	-.122	.027	-.034	-.365
30	340	-.209	.088	.199	-.869	30	514	-.164	.037	-.050	-.357	30	564	-.116	.024	0.000	-.208
30	341	-.214	.087	.162	-.795	30	515	-.129	.039	.029	-.329	30	565	-.119	.024	-.008	-.227
30	342	-.156	.033	-.048	-.325	30	516	-.106	.040	.044	-.385	30	566	-.118	.025	-.021	-.210
30	343	-.161	.037	-.035	-.362	30	517	-.173	.040	-.034	-.398	30	567	-.115	.027	-.017	-.233
30	344	-.150	.041	-.000	-.404	30	518	-.143	.035	-.033	-.293	30	568	-.115	.032	-.020	-.543
30	345	-.170	.058	.024	-.493	30	519	-.178	.038	-.063	-.432	30	569	-.104	.026	-.015	-.196
30	346	-.180	.066	.066	-.521	30	520	-.149	.035	-.034	-.348	30	570	-.104	.024	-.015	-.190
30	347	-.197	.067	.039	-.847	30	521	-.127	.037	-.022	-.354	30	571	-.106	.026	0.000	-.194
30	348	-.186	.063	.046	-.760	30	522	-.143	.033	-.035	-.292	30	572	-.101	.022	-.012	-.176
30	349	-.153	.034	-.021	-.350	30	523	-.189	.033	-.082	-.321	30	573	-.105	.028	.028	-.232
30	350	-.145	.034	.026	-.366	30	524	-.106	.038	-.005	-.334	30	574	-.101	.024	.007	-.177
30	351	-.157	.036	-.022	-.331	30	525	-.175	.035	-.070	-.363	30	575	-.100	.024	-.005	-.176
30	352	-.155	.041	-.027	-.409	30	526	-.141	.035	-.035	-.317	30	576	-.097	.026	-.007	-.178
30	353	-.162	.049	.047	-.489	30	527	-.186	.038	-.077	-.401	30	577	-.101	.026	-.002	-.178
30	354	-.173	.050	.060	-.464	30	528	-.155	.036	-.009	-.348	30	578	-.101	.026	-.008	-.177
30	355	-.172	.035	-.062	-.347	30	529	-.176	.034	-.031	-.373	30	579	-.100	.025	.020	-.179
30	356	-.139	.032	-.015	-.371	30	530	-.148	.033	-.020	-.347	30	580	-.098	.028	.012	-.206
30	357	-.137	.032	.003	-.291	30	531	-.189	.037	-.067	-.408	30	701	-.183	.132	.340	-.810
30	358	-.131	.031	-.011	-.273	30	532	-.160	.038	-.042	-.387	30	702	-.130	.133	.487	-.747
30	359	-.149	.035	-.009	-.320	30	533	-.181	.040	-.060	-.389	30	703	-.088	.139	.459	-.870
30	360	-.156	.041	-.033	-.417	30	534	-.147	.039	-.035	-.367	30	704	-.117	.153	.481	-.753
30	361	-.151	.043	-.022	-.441	30	535	-.188	.039	-.072	-.458	30	705	-.091	.156	.574	-.667
30	362	-.150	.042	-.043	-.371	30	536	-.154	.036	-.044	-.467	30	706	-.143	.129	.526	-.659
30	363	-.125	.030	-.004	-.240	30	537	-.181	.033	-.072	-.327	30	707	-.113	.132	.586	-.604
30	364	-.136	.028	-.018	-.290	30	538	-.154	.016	-.105	-.217	30	708	-.132	.132	.558	-.676
30	365	-.155	.043	-.054	-.397	30	539	-.199	.043	-.065	-.438	30	709	-.114	.129	.423	-.602
30	366	-.109	.031	.007	-.237	30	540	-.183	.046	-.055	-.602	30	710	-.126	.116	.341	-.648
30	367	-.114	.031	.021	-.230	30	541	-.165	.041	-.057	-.473	30	711	-.137	.127	.410	-.714
30	368	-.126	.029	-.020	-.229	30	542	-.136	.040	-.025	-.506	30	712	-.093	.123	.431	-.654
30	369	-.129	.028	-.019	-.236	30	543	-.176	.035	-.057	-.485	30	713	-.136	.115	.366	-.651
30	370	-.141	.034	-.043	-.376	30	544	-.137	.029	-.029	-.310	30	714	-.080	.127	.499	-.631
30	371	-.160	.047	-.043	-.492	30	545	-.171	.036	-.057	-.520	30	715	-.120	.096	.276	-.639
30	372	-.159	.047	-.056	-.575	30	546	-.143	.042	-.022	-.519	30	716	-.077	.097	.299	-.613
30	373	-.104	.035	.153	-.207	30	547	-.189	.032	-.109	-.381	30	717	-.110	.067	.296	-.474
30	374	-.101	.031	.062	-.210	30	548	-.131	.040	.008	-.497	30	718	-.083	.071	.218	-.498
30	375	-.128	.031	.034	-.274	30	549	-.157	.040	-.031	-.597	30	719	-.084	.069	.204	-.416
30	376	-.152	.040	.000	-.440	30	550	-.123	.033	-.012	-.327	30	720	-.084	.050	.155	-.335
30	377	-.159	.049	-.002	-.532	30	551	-.163	.027	-.072	-.299	30	721	-.091	.052	.147	-.345
30	501	-.164	.041	-.031	-.349	30	552	-.156	.031	-.065	-.455	30	722	-.105	.029	.021	-.226
30	502	-.167	.041	-.037	-.348	30	553	-.158	.036	-.051	-.791	30	723	-.120	.032	.022	-.232
30	503	-.167	.040	-.011	-.356	30	554	-.159	.037	-.056	-.738	30	724	-.112	.028	-.005	-.227
30	504	-.163	.040	-.023	-.381	30	555	-.150	.038	-.054	-.353	30	725	-.099	.025	.021	-.173
30	505	-.138	.042	.005	-.364	30	556	-.143	.040	-.040	-.364	30	726	-.107	.022	-.008	-.179
30	506	-.176	.040	-.056	-.368	30	557	-.143	.034	-.041	-.330	30	727	-.114	.023	-.015	-.183

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
30	728	-.103	.022	-.023	-.172	30	849	-.143	.027	-.055	-.276	40	13	-.019	.029	.100	-.116
30	729	-.109	.025	.013	-.183	30	850	-.148	.042	-.007	-.354	40	14	-.082	.028	.040	-.177
30	801	-.367	.145	.003	-1.078	30	851	-.144	.029	-.051	-.270	40	15	-.087	.032	.026	-.201
30	802	-.332	.109	-.047	-.951	30	852	-.149	.035	-.030	-.329	40	16	-.052	.029	.079	-.149
30	803	-.192	.057	.031	-.505	30	853	-.129	.026	-.032	-.236	40	17	-.042	.028	.075	-.164
30	804	-.163	.046	-.035	-.643	30	854	-.132	.027	-.042	-.241	40	18	-.015	.027	.142	-.097
30	805	-.162	.044	-.020	-.520	30	855	-.121	.026	-.023	-.209	40	19	-.088	.026	-.006	-.202
30	806	-.386	.133	.043	-1.135	30	856	-.148	.029	-.064	-.275	40	20	-.089	.028	-.002	-.240
30	807	-.167	.041	-.013	-.419	30	857	-.131	.026	-.042	-.346	40	21	-.100	.027	-.016	-.249
30	808	-.353	.126	.128	-1.012	30	858	-.126	.024	.003	-.226	40	22	-.081	.023	.034	-.146
30	809	-.292	.113	.031	-.937	30	859	-.121	.025	-.020	-.232	40	23	-.087	.024	.022	-.162
30	810	-.192	.058	-.003	-.488	30	860	-.135	.025	-.046	-.285	40	24	-.100	.029	.057	-.206
30	811	-.106	.043	.054	-.425	30	861	-.126	.026	-.020	-.224	40	25	-.084	.027	.072	-.177
30	812	-.163	.041	-.040	-.389	30	862	-.118	.022	-.049	-.191	40	26	-.086	.027	.045	-.178
30	813	-.381	.128	-.058	-1.083	30	863	-.108	.025	-.031	-.202	40	27	-.085	.027	.057	-.183
30	814	-.288	.104	-.001	-.912	30	864	-.128	.022	-.061	-.201	40	28	-.091	.025	.013	-.164
30	815	-.192	.055	.005	-.467	30	865	-.088	.023	-.007	-.216	40	29	-.080	.032	.096	-.199
30	816	-.167	.042	-.007	-.374	30	866	-.119	.023	-.047	-.202	40	30	-.078	.026	.065	-.168
30	817	-.205	.038	-.035	-.387	30	867	-.119	.024	.017	-.210	40	31	-.081	.025	.021	-.165
30	818	-.348	.123	-.062	-.989	30	868	-.115	.028	.058	-.261	40	91	-.123	.019	-.058	-.182
30	819	-.199	.053	-.008	-.533	30	869	-.113	.026	.018	-.246	40	92	-.125	.019	-.055	-.188
30	820	-.171	.035	-.031	-.368	30	870	-.104	.024	-.018	-.264	40	93	-.129	.025	-.036	-.256
30	821	-.370	.142	-.075	-1.267	30	901	-.116	.133	.378	-.721	40	94	-.135	.023	-.056	-.257
30	822	-.340	.131	-.027	-1.121	30	902	-.280	.090	-.024	-.783	40	95	-.127	.023	-.056	-.227
30	823	-.218	.066	-.039	-.532	30	903	-.172	.043	.003	-.438	40	101	.061	.208	1.200	-.645
30	824	-.201	.048	-.057	-.554	30	904	-.150	.058	.030	-.496	40	102	.012	.164	.970	-.431
30	825	-.165	.039	-.015	-.360	30	905	-.172	.094	.191	-.645	40	103	-.070	.137	.690	-.530
30	826	-.141	.036	-.007	-.357	30	906	-.204	.114	.292	-.737	40	104	.050	.192	.899	-.539
30	827	-.328	.127	.015	-.839	30	907	-.113	.136	.526	-.630	40	105	-.038	.129	.483	-.492
30	828	-.342	.121	.040	-.954	30	908	-.273	.090	-.011	-.883	40	106	.091	.183	.828	-.740
30	829	-.161	.070	.077	-.506	30	909	-.172	.045	.099	-.436	40	107	.039	.158	.678	-.499
30	830	-.188	.047	-.055	-.463	30	910	-.154	.057	.089	-.581	40	108	-.108	.131	.523	-.519
30	831	-.161	.039	-.032	-.363	30	911	-.172	.091	.110	-.804	40	109	.072	.180	.834	-.688
30	832	-.183	.038	-.064	-.372	30	912	-.223	.138	.284	-1.030	40	110	.069	.169	.849	-.520
30	833	-.307	.098	-.020	-.841	30	913	-.193	.060	.012	-.663	40	111	-.053	.114	.662	-.362
30	834	-.300	.083	-.091	-.683	30	914	-.198	.080	-.003	-.640	40	112	-.111	.100	.368	-.484
30	835	-.197	.064	-.012	-.568	30	915	-.241	.094	.047	-.714	40	113	.041	.177	.927	-.590
30	836	-.184	.043	-.044	-.429	30	916	-.255	.102	.070	-.766	40	114	.070	.121	.698	-.292
30	837	-.158	.035	-.052	-.323	40	1	-.086	.028	.012	-.182	40	115	-.108	.093	.344	-.437
30	838	-.180	.036	-.073	-.365	40	2	-.041	.034	.147	-.159	40	116	.036	.152	.685	-.645
30	839	-.252	.063	-.080	-.520	40	3	-.072	.033	.169	-.189	40	117	.022	.146	.698	-.511
30	840	-.232	.078	.074	-.741	40	4	-.013	.030	.097	-.155	40	118	.011	.121	.562	-.310
30	841	-.190	.050	-.029	-.454	40	5	-.086	.028	.038	-.214	40	119	-.042	.094	.464	-.308
30	842	-.152	.030	-.055	-.309	40	6	-.047	.033	.089	-.161	40	120	-.078	.082	.302	-.305
30	843	-.147	.033	-.026	-.361	40	7	-.097	.025	-.006	-.174	40	121	-.150	.091	.254	-.516
30	844	-.167	.032	-.069	-.311	40	8	-.085	.028	.005	-.242	40	122	.022	.158	.956	-.574
30	845	-.204	.063	.017	-.577	40	9	-.072	.035	.079	-.177	40	123	.018	.145	.966	-.509
30	846	-.148	.039	-.027	-.453	40	10	-.090	.030	.067	-.193	40	124	.011	.113	.590	-.242
30	847	-.183	.060	.048	-.507	40	11	-.040	.033	.143	-.159	40	125	-.049	.089	.446	-.275
30	848	-.148	.029	-.051	-.354	40	12	-.074	.027	.052	-.153	40	126	-.086	.074	.257	-.297

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	127	-.139	.077	.231	-.449	40	216	-.194	.124	.122	-.839	40	337	-.023	.080	.284	-.340
40	128	-.039	.100	.542	-.597	40	217	-.213	.097	.090	-.900	40	338	-.050	.065	.228	-.299
40	129	-.053	.090	.426	-.524	40	218	-.217	.109	.060	-1.159	40	339	-.054	.077	.278	-.599
40	130	-.055	.071	.356	-.320	40	219	-.190	.093	.095	-.830	40	340	-.051	.093	.355	-.480
40	131	-.086	.059	.224	-.313	40	220	-.203	.072	-.053	-.740	40	341	-.062	.114	.581	-.692
40	132	-.100	.057	.127	-.422	40	221	-.178	.074	.116	-.672	40	342	-.123	.028	.003	-.245
40	133	-.153	.070	.066	-.537	40	222	-.149	.043	-.039	-.449	40	343	-.108	.039	.086	-.298
40	134	-.088	.072	.330	-.577	40	223	-.161	.051	-.028	-.558	40	344	-.071	.047	.127	-.306
40	135	-.086	.060	.264	-.476	40	224	-.123	.044	.124	-.444	40	345	-.060	.052	.163	-.214
40	136	-.066	.046	.250	-.340	40	225	-.132	.024	-.056	-.221	40	346	-.050	.058	.205	-.248
40	137	-.097	.039	.179	-.357	40	226	-.115	.025	-.016	-.211	40	347	-.059	.072	.325	-.406
40	138	-.114	.042	.056	-.496	40	227	-.130	.022	-.060	-.201	40	348	-.055	.080	.406	-.475
40	139	-.140	.052	.033	-.669	40	228	-.090	.022	.019	-.184	40	349	-.130	.029	-.009	-.292
40	140	-.097	.062	.198	-.462	40	229	-.121	.026	-.018	-.221	40	350	-.105	.032	.049	-.240
40	141	-.094	.053	.188	-.429	40	301	-.121	.043	.053	-.296	40	351	-.090	.037	.080	-.251
40	142	-.081	.040	.161	-.270	40	302	-.098	.050	.158	-.278	40	352	-.067	.040	.134	-.213
40	143	-.103	.033	.046	-.218	40	303	-.130	.076	.176	-.405	40	353	-.070	.051	.232	-.311
40	144	-.126	.037	.016	-.328	40	304	-.061	.115	.378	-.560	40	354	-.081	.059	.320	-.555
40	145	-.157	.048	.010	-.411	40	305	-.081	.154	.524	-.980	40	355	-.042	.067	.331	-.364
40	146	-.102	.048	.169	-.366	40	306	-.126	.044	.031	-.361	40	356	-.141	.038	.026	-.311
40	147	-.105	.045	.137	-.319	40	307	-.084	.183	.722	-.731	40	357	-.111	.039	.087	-.279
40	148	-.096	.033	.041	-.250	40	308	-.145	.044	.026	-.360	40	358	-.079	.036	.126	-.215
40	149	-.097	.027	.023	-.205	40	309	-.108	.050	.107	-.310	40	359	-.076	.035	.088	-.331
40	150	-.095	.025	.019	-.204	40	310	-.052	.082	.326	-.349	40	360	-.079	.035	.070	-.226
40	151	-.119	.026	-.016	-.302	40	311	-.058	.148	.541	-.650	40	361	-.081	.036	.102	-.193
40	152	-.101	.034	.043	-.283	40	312	-.080	.178	.680	-.839	40	362	-.085	.035	.045	-.291
40	153	-.098	.032	.054	-.267	40	313	-.113	.043	.093	-.311	40	363	-.097	.044	.199	-.303
40	154	-.090	.033	.225	-.206	40	314	-.145	.053	.120	-.348	40	364	-.068	.034	.113	-.169
40	155	-.086	.029	.130	-.169	40	315	-.029	.086	.289	-.389	40	365	-.087	.029	.037	-.240
40	156	-.098	.028	.046	-.189	40	316	-.033	.143	.438	-.519	40	366	-.071	.055	.225	-.276
40	157	-.113	.024	-.026	-.195	40	317	-.054	.162	.632	-.654	40	367	-.053	.055	.220	-.234
40	158	-.083	.029	.065	-.214	40	318	-.153	.041	-.003	-.351	40	368	-.053	.042	.224	-.177
40	159	-.087	.029	.056	-.210	40	319	-.054	.099	.295	-.446	40	369	-.062	.038	.230	-.222
40	160	-.086	.029	.054	-.207	40	320	-.039	.182	.670	-.729	40	370	-.066	.032	.096	-.231
40	161	-.080	.030	.049	-.169	40	321	-.127	.042	.017	-.335	40	371	-.080	.030	.034	-.228
40	201	-.228	.201	.665	-1.170	40	322	-.095	.053	.100	-.345	40	372	-.092	.030	.031	-.223
40	202	-.079	.167	.676	-.743	40	323	-.070	.071	.183	-.349	40	373	-.059	.055	.309	-.240
40	203	-.124	.187	.677	-.897	40	324	-.043	.087	.301	-.367	40	374	-.053	.048	.202	-.218
40	204	-.248	.158	.449	-1.178	40	325	-.051	.103	.335	-.517	40	375	-.075	.031	.101	-.187
40	205	-.257	.190	.405	-1.038	40	326	-.058	.135	.458	-.711	40	376	-.084	.028	.075	-.180
40	206	-.274	.150	.197	-.882	40	327	-.091	.164	.554	-1.280	40	377	-.085	.028	.092	-.180
40	207	-.187	.168	.471	-.850	40	328	-.122	.040	.032	-.299	40	501	-.181	.051	-.016	-.507
40	208	-.283	.155	.317	-.929	40	329	-.101	.049	.093	-.295	40	502	-.185	.047	-.047	-.412
40	209	-.229	.162	.290	-.979	40	330	-.060	.066	.182	-.289	40	503	-.184	.048	-.043	-.401
40	210	-.232	.124	.272	-.755	40	331	-.048	.084	.278	-.347	40	504	-.180	.051	-.016	-.451
40	211	-.232	.139	.426	-.778	40	332	-.035	.105	.426	-.375	40	505	-.166	.058	-.007	-.436
40	212	-.167	.128	.442	-.707	40	333	-.059	.133	.432	-.793	40	506	-.208	.055	-.072	-.471
40	213	-.249	.121	.318	-.709	40	334	-.076	.149	.537	-.841	40	507	-.202	.053	-.058	-.541
40	214	-.183	.148	.285	-.987	40	335	-.131	.039	.034	-.285	40	508	-.193	.050	-.050	-.483
40	215	-.252	.129	.133	-.932	40	336	-.094	.044	.080	-.257	40	509	-.186	.047	-.053	-.440

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRNS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRNS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRNS	CPMAX	CPMIN
40	510	-.189	.046	-.048	-.406	40	561	-.195	.048	-.080	-.551	40	802	-.400	.159	-.097	-1.446
40	511	-.262	.051	-.129	-.521	40	562	-.128	.024	-.049	-.216	40	803	-.250	.114	-.016	-.941
40	512	-.196	.056	-.048	-.530	40	563	-.127	.026	-.027	-.230	40	804	-.208	.081	-.030	-.762
40	514	-.185	.052	-.045	-.464	40	564	-.129	.030	-.017	-.259	40	805	-.207	.076	-.048	-.679
40	515	-.145	.046	-.012	-.349	40	565	-.144	.035	-.021	-.344	40	806	-.353	.155	-.049	-1.202
40	516	-.119	.043	.009	-.311	40	566	-.163	.041	-.023	-.481	40	807	-.199	.072	-.035	-.733
40	517	-.197	.053	-.071	-.509	40	567	-.196	.059	-.002	-.584	40	808	-.325	.124	-.091	-1.012
40	518	-.159	.049	-.035	-.412	40	568	-.243	.085	-.025	-.967	40	809	-.262	.108	-.033	-.874
40	519	-.188	.045	-.076	-.435	40	569	-.109	.022	.003	-.173	40	810	-.203	.082	-.016	-.863
40	520	-.164	.053	-.032	-.520	40	570	-.113	.021	-.008	-.173	40	811	-.132	.076	.039	-.791
40	521	-.155	.053	-.014	-.472	40	571	-.114	.026	.010	-.207	40	812	-.191	.069	-.026	-.725
40	522	-.164	.046	-.032	-.421	40	572	-.075	.026	.030	-.149	40	813	-.417	.131	-.137	-1.081
40	523	-.197	.045	-.077	-.456	40	573	-.078	.034	.067	-.176	40	814	-.302	.119	-.068	-.886
40	524	-.121	.045	-.002	-.323	40	574	-.102	.024	.005	-.173	40	815	-.229	.102	-.041	-1.015
40	525	-.179	.041	-.031	-.403	40	575	-.105	.024	.005	-.180	40	816	-.198	.066	-.043	-.566
40	526	-.148	.039	.002	-.393	40	576	-.114	.024	-.027	-.209	40	817	-.263	.066	-.116	-.683
40	527	-.203	.050	-.069	-.533	40	577	-.107	.027	.005	-.204	40	818	-.353	.122	-.084	-1.018
40	528	-.162	.044	-.041	-.476	40	578	-.097	.029	.015	-.188	40	819	-.227	.086	-.053	-.729
40	529	-.187	.043	-.075	-.456	40	579	-.074	.032	.065	-.172	40	820	-.205	.064	-.072	-.784
40	530	-.152	.040	-.037	-.381	40	580	-.075	.032	.135	-.177	40	821	-.321	.118	-.110	-.982
40	531	-.191	.041	-.074	-.404	40	701	-.309	.169	.227	-1.197	40	822	-.310	.114	-.025	-.844
40	532	-.152	.039	-.039	-.313	40	702	-.287	.208	.326	-1.376	40	823	-.233	.092	-.049	-.795
40	533	-.175	.040	-.049	-.344	40	703	-.249	.190	.299	-1.278	40	824	-.222	.079	-.067	-.791
40	534	-.152	.045	-.040	-.433	40	704	-.225	.147	.337	-.824	40	825	-.183	.062	-.022	-.577
40	535	-.195	.045	-.079	-.515	40	705	-.221	.152	.326	-.865	40	826	-.160	.060	-.028	-.608
40	536	-.154	.038	-.044	-.337	40	706	-.298	.155	.147	-1.040	40	827	-.290	.104	-.070	-.834
40	537	-.175	.036	-.075	-.356	40	707	-.306	.172	.233	-1.166	40	828	-.305	.102	-.077	-.980
40	538	-.144	.015	-.100	-.202	40	708	-.279	.146	.137	-.913	40	829	-.173	.089	.009	-.903
40	539	-.184	.039	-.074	-.495	40	709	-.289	.161	.211	-1.008	40	830	-.207	.070	-.000	-.825
40	540	-.167	.046	-.025	-.630	40	710	-.293	.135	.121	-.894	40	831	-.175	.054	-.022	-.568
40	541	-.178	.038	-.072	-.433	40	711	-.314	.144	.103	-.975	40	832	-.197	.053	-.082	-.604
40	542	-.148	.037	-.040	-.363	40	712	-.262	.138	.145	-.892	40	833	-.269	.101	-.095	-1.133
40	543	-.188	.035	-.089	-.401	40	713	-.300	.126	.113	-.801	40	834	-.267	.083	-.109	-.967
40	544	-.146	.032	-.051	-.281	40	714	-.244	.133	.161	-.804	40	835	-.208	.082	-.047	-.851
40	545	-.173	.036	-.072	-.392	40	715	-.268	.119	.028	-.970	40	836	-.204	.060	-.029	-.575
40	546	-.145	.037	-.045	-.376	40	716	-.233	.118	.074	-.947	40	837	-.169	.046	-.052	-.487
40	547	-.180	.024	-.101	-.337	40	717	-.239	.097	.031	-.901	40	838	-.188	.047	-.070	-.525
40	548	-.156	.041	-.049	-.468	40	718	-.213	.094	-.025	-.773	40	839	-.228	.064	-.113	-.575
40	549	-.181	.040	-.082	-.451	40	719	-.210	.084	-.039	-.680	40	840	-.238	.086	-.080	-.914
40	550	-.145	.033	-.047	-.324	40	720	-.169	.060	-.001	-.515	40	841	-.204	.055	-.094	-.724
40	551	-.180	.032	-.072	-.463	40	721	-.180	.061	-.009	-.547	40	842	-.176	.040	-.058	-.559
40	552	-.172	.035	-.072	-.397	40	722	-.157	.039	-.019	-.363	40	843	-.171	.047	-.046	-.664
40	553	-.168	.040	-.057	-.432	40	723	-.179	.053	-.054	-.752	40	844	-.188	.041	-.067	-.532
40	554	-.167	.039	-.054	-.448	40	724	-.159	.049	-.048	-.487	40	845	-.219	.069	-.080	-.949
40	555	-.166	.041	-.045	-.422	40	725	-.107	.023	-.004	-.182	40	846	-.177	.044	-.075	-.572
40	556	-.162	.038	-.067	-.424	40	726	-.142	.025	-.050	-.256	40	847	-.189	.060	-.076	-.768
40	557	-.177	.045	-.021	-.645	40	727	-.142	.022	-.062	-.229	40	848	-.173	.034	-.054	-.470
40	558	-.190	.048	-.069	-.572	40	728	-.126	.027	-.036	-.255	40	849	-.165	.031	-.055	-.414
40	559	-.195	.046	-.067	-.459	40	729	-.117	.024	-.002	-.193	40	850	-.178	.045	-.068	-.577
40	560	-.188	.043	-.087	-.483	40	801	-.376	.159	-.041	-1.362	40	851	-.161	.033	-.071	-.457

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
40	852	-.174	.035	-.082	-.390	50	16	-.002	.053	.344	-.252	50	130	.109	.121	.791	-.273
40	853	-.147	.027	-.033	-.266	50	17	.013	.051	.387	-.195	50	131	.000	.093	.649	-.397
40	854	-.145	.026	-.027	-.254	50	18	.048	.056	.407	-.101	50	132	-.103	.077	.286	-.328
40	855	-.129	.025	-.013	-.306	50	19	-.024	.039	.150	-.141	50	133	-.224	.087	.184	-.544
40	856	-.159	.029	-.038	-.275	50	20	-.031	.043	.151	-.191	50	134	.112	.139	.651	-.453
40	857	-.152	.027	-.055	-.331	50	21	-.042	.044	.146	-.190	50	135	.095	.114	.602	-.367
40	858	-.142	.024	-.030	-.238	50	22	-.011	.044	.209	-.177	50	136	.097	.113	.591	-.243
40	859	-.134	.025	-.041	-.253	50	23	-.022	.041	.168	-.164	50	137	-.020	.083	.400	-.315
40	860	-.144	.023	-.026	-.223	50	24	-.033	.041	.191	-.153	50	138	-.128	.068	.147	-.438
40	861	-.134	.024	-.018	-.214	50	25	-.006	.038	.202	-.103	50	139	-.244	.078	.016	-.632
40	862	-.147	.025	-.070	-.269	50	26	-.021	.039	.177	-.132	50	140	.062	.125	.511	-.347
40	863	-.118	.023	-.031	-.210	50	27	-.011	.038	.182	-.125	50	141	.056	.108	.533	-.305
40	864	-.155	.024	-.082	-.257	50	28	-.018	.043	.191	-.130	50	142	.046	.086	.443	-.256
40	865	-.104	.020	-.039	-.189	50	29	-.024	.045	.261	-.159	50	143	-.033	.067	.246	-.225
40	866	-.135	.022	-.060	-.216	50	30	-.034	.046	.247	-.203	50	144	-.110	.055	.116	-.325
40	867	-.123	.021	-.056	-.225	50	31	-.007	.046	.237	-.141	50	145	-.213	.065	.008	-.482
40	868	-.124	.022	-.055	-.229	50	91	-.125	.034	.000	-.293	50	146	.015	.098	.483	-.362
40	869	-.122	.022	-.054	-.241	50	92	-.139	.038	.010	-.325	50	147	.006	.088	.444	-.286
40	870	-.126	.019	-.063	-.199	50	93	-.112	.034	.009	-.271	50	148	.011	.076	.321	-.180
40	901	-.285	.160	.221	-.976	50	94	-.157	.035	-.043	-.325	50	149	-.003	.064	.249	-.175
40	902	-.280	.103	-.073	-.756	50	95	-.117	.034	.018	-.397	50	150	-.023	.052	.220	-.186
40	903	-.193	.069	.013	-.787	50	101	.247	.226	.959	-.809	50	151	-.096	.047	.097	-.301
40	904	-.105	.057	.139	-.307	50	102	.117	.186	.833	-.429	50	152	-.011	.051	.221	-.217
40	905	-.048	.093	.307	-.364	50	103	-.061	.143	.477	-.527	50	153	-.006	.055	.231	-.200
40	906	-.038	.135	.468	-.534	50	104	.235	.230	1.042	-.820	50	154	.030	.079	.445	-.181
40	907	-.237	.148	.323	-.919	50	105	-.008	.155	.722	-.492	50	155	.032	.071	.480	-.113
40	908	-.289	.111	-.027	-1.057	50	106	.293	.210	.974	-.584	50	156	.023	.072	.348	-.137
40	909	-.201	.082	.013	-.781	50	107	.165	.167	.769	-.518	50	157	-.043	.046	.213	-.188
40	910	-.115	.049	.074	-.286	50	108	-.000	.128	.567	-.362	50	158	.019	.057	.275	-.129
40	911	-.054	.085	.251	-.418	50	109	.279	.203	1.031	-.560	50	159	.010	.062	.297	-.152
40	912	-.060	.138	.493	-.575	50	110	.240	.195	1.038	-.353	50	160	.033	.074	.438	-.120
40	913	-.222	.086	-.010	-.646	50	111	.001	.143	.720	-.422	50	161	.053	.084	.444	-.104
40	914	-.204	.112	.092	-.775	50	112	-.147	.122	.478	-.563	50	201	-.478	.227	.608	-1.138
40	915	-.207	.088	.082	-.653	50	113	.216	.170	.767	-.551	50	202	-.082	.225	.813	-.770
40	916	-.231	.111	.111	-.820	50	114	.207	.144	.709	-.180	50	203	-.213	.193	.699	-.767
50	1	-.011	.045	.201	-.145	50	115	-.113	.106	.456	-.444	50	204	-.383	.128	.251	-.952
50	2	.034	.061	.322	-.141	50	116	.257	.190	.877	-.531	50	205	-.453	.183	.365	-1.070
50	3	.069	.079	.501	-.085	50	117	.236	.184	.842	-.463	50	206	-.464	.157	.175	-1.085
50	4	.067	.052	.377	-.119	50	118	.189	.157	.708	-.324	50	207	-.417	.221	.416	-1.081
50	5	-.027	.049	.283	-.157	50	119	.056	.128	.679	-.379	50	208	-.438	.130	.098	-.923
50	6	.012	.050	.325	-.179	50	120	-.080	.112	.404	-.437	50	209	-.407	.166	.323	-1.020
50	7	-.035	.037	.153	-.136	50	121	-.211	.122	.288	-.661	50	210	-.458	.177	.195	-1.190
50	8	-.024	.045	.206	-.157	50	122	.214	.184	.914	-.850	50	211	-.450	.205	.517	-1.290
50	9	.061	.071	.351	-.105	50	123	.198	.166	.864	-.677	50	212	-.293	.226	.592	-1.040
50	10	-.007	.057	.266	-.181	50	124	.169	.142	.680	-.318	50	213	-.465	.165	.289	-1.057
50	11	.015	.048	.244	-.134	50	125	.046	.119	.546	-.369	50	214	-.357	.201	.359	-1.036
50	12	-.013	.048	.364	-.124	50	126	-.068	.101	.456	-.391	50	215	-.458	.145	.002	-1.017
50	13	.023	.041	.197	-.140	50	127	-.196	.104	.487	-.494	50	216	-.406	.169	.242	-.991
50	14	-.030	.042	.273	-.150	50	128	.170	.164	.788	-.334	50	217	-.456	.141	-.066	-1.172
50	15	-.031	.044	.210	-.176	50	129	.147	.149	.863	-.325	50	218	-.444	.138	-.026	-1.066

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	219	-.424	.139	.060	-.919	50	340	.089	.109	.456	-.642	50	514	-.245	.066	-.080	-.497
50	220	-.411	.137	-.122	-1.081	50	341	-.080	.144	.680	-.585	50	515	-.191	.058	-.034	-.477
50	221	-.371	.147	.069	-1.153	50	342	-.127	.036	.008	-.303	50	516	-.161	.056	.002	-.438
50	222	-.239	.098	.019	-.778	50	343	-.090	.042	.078	-.241	50	517	-.267	.071	-.081	-.656
50	223	-.269	.125	.060	-.909	50	344	-.023	.046	.172	-.158	50	518	-.210	.057	-.045	-.515
50	224	-.051	.122	.464	-.673	50	345	.014	.052	.231	-.169	50	519	-.231	.061	-.060	-.496
50	225	-.145	.043	.000	-.330	50	346	.058	.064	.350	-.170	50	520	-.221	.067	-.025	-.612
50	226	-.084	.048	.107	-.264	50	347	.074	.090	.499	-.300	50	521	-.211	.064	-.036	-.504
50	227	-.140	.038	-.020	-.279	50	348	.074	.113	.569	-.444	50	522	-.209	.053	-.043	-.440
50	228	-.074	.042	.181	-.216	50	349	-.126	.036	.004	-.305	50	523	-.244	.054	-.080	-.469
50	229	-.116	.045	.090	-.348	50	350	-.083	.036	.049	-.224	50	524	-.161	.056	.037	-.405
50	301	-.115	.048	.083	-.273	50	351	-.045	.042	.136	-.199	50	525	-.207	.049	-.055	-.477
50	302	-.079	.056	.184	-.261	50	352	.005	.051	.192	-.153	50	526	-.166	.046	-.020	-.392
50	303	-.011	.073	.298	-.259	50	353	.044	.072	.374	-.150	50	527	-.262	.068	-.080	-.607
50	304	.053	.117	.483	-.588	50	354	.057	.098	.513	-.390	50	528	-.215	.058	-.070	-.642
50	305	.054	.183	.628	-.735	50	355	.040	.090	.363	-.370	50	529	-.237	.052	-.081	-.506
50	306	-.095	.052	.143	-.279	50	356	-.138	.049	.003	-.519	50	530	-.199	.050	-.058	-.440
50	307	.126	.189	.696	-.681	50	357	-.087	.042	.055	-.286	50	531	-.232	.051	-.080	-.462
50	308	-.169	.057	.060	-.389	50	358	-.032	.041	.179	-.177	50	532	-.186	.048	-.047	-.385
50	309	-.082	.059	.216	-.265	50	359	-.006	.048	.230	-.146	50	533	-.211	.049	-.065	-.405
50	310	.033	.087	.443	-.217	50	360	-.001	.059	.306	-.169	50	534	-.218	.057	-.038	-.501
50	311	.139	.162	.751	-.718	50	361	.005	.079	.435	-.417	50	535	-.253	.054	-.083	-.482
50	312	.119	.224	.863	-.837	50	362	.003	.089	.447	-.478	50	536	-.206	.050	-.027	-.470
50	313	-.112	.049	.072	-.325	50	363	-.131	.060	.075	-.509	50	537	-.229	.056	-.068	-.483
50	314	-.058	.054	.179	-.241	50	364	.013	.047	.281	-.136	50	538	-.194	.019	-.121	-.288
50	315	.050	.078	.410	-.196	50	365	-.008	.066	.280	-.417	50	539	-.232	.058	-.045	-.884
50	316	.136	.153	.648	-.824	50	366	-.128	.067	.121	-.559	50	540	-.209	.060	-.012	-.562
50	317	.080	.195	.952	-.933	50	367	-.087	.056	.150	-.393	50	541	-.249	.060	-.086	-.480
50	318	-.150	.047	.023	-.308	50	368	-.035	.046	.139	-.211	50	542	-.213	.058	-.020	-.476
50	319	.031	.086	.461	-.230	50	369	.029	.057	.356	-.123	50	543	-.246	.055	-.045	-.565
50	320	.098	.184	.743	-.623	50	370	.022	.060	.369	-.162	50	544	-.187	.053	-.030	-.655
50	321	-.112	.047	.139	-.289	50	371	-.000	.062	.369	-.220	50	545	-.207	.060	-.047	-.661
50	322	-.062	.054	.237	-.257	50	372	-.015	.062	.358	-.275	50	546	-.171	.056	-.003	-.498
50	323	-.012	.066	.327	-.220	50	373	-.104	.077	.215	-.526	50	547	-.210	.034	-.130	-.391
50	324	.048	.077	.419	-.183	50	374	-.059	.066	.209	-.402	50	548	-.223	.064	-.065	-.577
50	325	.087	.091	.534	-.350	50	375	.034	.060	.366	-.097	50	549	-.249	.065	-.099	-.594
50	326	.109	.135	.698	-.659	50	376	.012	.056	.324	-.157	50	550	-.204	.055	-.013	-.508
50	327	.070	.193	.768	-1.040	50	377	.008	.053	.324	-.284	50	551	-.214	.049	-.070	-.487
50	328	-.117	.048	.051	-.284	50	501	-.220	.060	-.014	-.568	50	552	-.190	.053	-.034	-.563
50	329	-.068	.052	.131	-.243	50	502	-.227	.059	-.053	-.542	50	553	-.180	.054	-.026	-.574
50	330	.004	.062	.275	-.298	50	503	-.218	.061	-.040	-.483	50	554	-.173	.052	-.021	-.487
50	331	.053	.074	.403	-.254	50	504	-.224	.063	-.030	-.480	50	555	-.242	.099	-.022	-.964
50	332	.100	.093	.461	-.572	50	505	-.205	.063	-.026	-.461	50	556	-.222	.079	.030	-.864
50	333	.094	.154	.585	-.827	50	506	-.232	.054	-.068	-.476	50	557	-.226	.057	-.026	-.542
50	334	.073	.187	.677	-.826	50	507	-.230	.056	-.053	-.541	50	558	-.253	.077	-.079	-.998
50	335	-.139	.051	.123	-.401	50	508	-.236	.053	-.079	-.585	50	559	-.255	.084	-.095	-1.054
50	336	-.080	.050	.199	-.306	50	509	-.218	.051	-.053	-.495	50	560	-.235	.069	-.082	-.819
50	337	.056	.070	.396	-.167	50	510	-.221	.053	-.045	-.434	50	561	-.237	.076	-.075	-.898
50	338	.032	.060	.363	-.183	50	511	-.226	.055	-.037	-.442	50	562	-.121	.029	-.018	-.224
50	339	.066	.075	.408	-.435	50	512	-.243	.065	-.050	-.497	50	563	-.128	.033	-.017	-.253

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
50	564	-.140	.038	-.015	-.310	50	805	-.274	.092	-.032	-.739	50	855	-.119	.035	.007	-.304
50	565	-.175	.046	-.031	-.397	50	806	-.422	.146	-.105	-1.207	50	856	-.180	.042	-.033	-.344
50	566	-.204	.056	-.036	-.461	50	807	-.270	.095	-.035	-.998	50	857	-.176	.047	-.030	-.477
50	567	-.235	.072	-.042	-.589	50	808	-.437	.137	-.075	-1.070	50	858	-.144	.038	-.002	-.314
50	568	-.268	.116	-.020	-1.186	50	809	-.395	.140	.010	-1.146	50	859	-.152	.045	-.008	-.393
50	569	-.081	.033	.057	-.182	50	810	-.321	.115	.010	-.983	50	860	-.131	.028	-.010	-.251
50	570	-.083	.032	.056	-.176	50	811	-.232	.108	.030	-.843	50	861	-.115	.029	.007	-.215
50	571	-.087	.038	.108	-.205	50	812	-.281	.111	-.038	-.857	50	862	-.173	.048	-.020	-.434
50	572	-.059	.027	.055	-.140	50	813	-.406	.118	-.095	-.926	50	863	-.104	.030	.069	-.263
50	573	-.065	.037	.109	-.197	50	814	-.381	.111	-.113	-.910	50	864	-.177	.046	-.026	-.411
50	574	-.080	.032	.117	-.179	50	815	-.317	.113	-.053	-.960	50	865	-.104	.035	.028	-.235
50	575	-.084	.032	.113	-.170	50	816	-.267	.085	-.038	-.859	50	866	-.116	.028	.030	-.225
50	576	-.084	.034	.087	-.175	50	817	-.263	.085	-.052	-1.004	50	867	-.106	.031	.081	-.217
50	577	-.083	.036	.153	-.182	50	818	-.382	.116	-.060	-1.004	50	868	-.110	.032	.079	-.230
50	578	-.075	.037	.135	-.181	50	819	-.307	.104	.058	-.866	50	869	-.100	.032	.083	-.212
50	579	-.059	.038	.156	-.170	50	820	-.265	.084	-.058	-.639	50	870	-.132	.032	.051	-.268
50	580	-.055	.040	.257	-.187	50	821	-.434	.142	-.087	-1.421	50	901	-.397	.130	.190	-.926
50	701	-.532	.203	.158	-1.607	50	822	-.421	.136	-.052	-1.113	50	902	-.356	.113	-.021	-.840
50	702	-.499	.194	.204	-1.212	50	823	-.356	.117	-.032	-.886	50	903	-.257	.088	-.023	-.773
50	703	-.492	.221	.229	-1.346	50	824	-.341	.117	-.044	-1.170	50	904	-.064	.060	.204	-.275
50	704	-.383	.157	.239	-.980	50	825	-.280	.097	-.022	-.729	50	905	.042	.083	.397	-.244
50	705	-.386	.159	.240	-.956	50	826	-.264	.110	-.002	-.842	50	906	.073	.114	.498	-.531
50	706	-.436	.131	.060	-.894	50	827	-.383	.140	.015	-1.159	50	907	-.365	.134	.188	-.825
50	707	-.439	.150	.068	-1.056	50	828	-.416	.121	.038	-.993	50	908	-.358	.113	-.070	-.919
50	708	-.409	.122	.146	-.845	50	829	-.287	.127	.082	-1.138	50	909	-.268	.090	-.060	-.819
50	709	-.400	.122	.100	-.898	50	830	-.327	.103	-.039	-.868	50	910	-.085	.051	.135	-.265
50	710	-.504	.160	-.050	-1.481	50	831	-.279	.089	-.014	-.787	50	911	.019	.074	.335	-.188
50	711	-.534	.170	.098	-1.549	50	832	-.304	.096	-.054	-.853	50	912	.070	.124	.553	-.559
50	712	-.467	.168	.255	-1.302	50	833	-.380	.127	.000	-.962	50	913	-.277	.081	-.038	-.662
50	713	-.496	.143	-.022	-1.341	50	834	-.382	.101	-.127	-.811	50	914	-.261	.113	.023	-.741
50	714	-.445	.140	.036	-.904	50	835	-.344	.122	.016	-.932	50	915	-.279	.099	.050	-.701
50	715	-.480	.131	-.106	-.997	50	836	-.332	.105	-.022	-.824	50	916	-.333	.128	.045	-.880
50	716	-.448	.131	.009	-.980	50	837	-.282	.098	-.035	-.834	60	1	-.012	.039	.194	-.139
50	717	-.485	.129	-.094	-1.088	50	838	-.308	.109	-.065	-.994	60	2	.014	.039	.302	-.125
50	718	-.456	.132	-.120	-1.137	50	839	-.396	.096	-.179	-.866	60	3	.044	.062	.371	-.106
50	719	-.459	.134	-.000	-1.141	50	840	-.374	.124	-.076	-1.001	60	4	.049	.039	.316	-.063
50	720	-.415	.129	-.057	-.914	50	841	-.383	.131	-.092	-1.307	60	5	-.032	.031	.150	-.124
50	721	-.440	.139	-.079	-.921	50	842	-.284	.082	-.071	-.711	60	6	.004	.035	.273	-.126
50	722	-.186	.080	.073	-.613	50	843	-.302	.097	-.039	-.830	60	7	-.033	.030	.181	-.149
50	723	-.338	.140	-.030	-1.030	50	844	-.293	.087	-.057	-.755	60	8	-.024	.032	.137	-.165
50	724	-.245	.085	-.046	-.672	50	845	-.412	.157	-.086	-1.178	60	9	-.035	.044	.226	-.196
50	725	-.025	.044	.188	-.127	50	846	-.322	.123	-.053	-1.030	60	10	-.053	.031	.122	-.241
50	726	-.158	.044	-.015	-.328	50	847	-.373	.147	-.044	-1.103	60	11	.006	.035	.237	-.106
50	727	-.143	.035	-.010	-.276	50	848	-.243	.077	-.036	-.646	60	12	-.033	.026	.086	-.127
50	728	-.161	.059	-.000	-.483	50	849	-.208	.054	-.008	-.492	60	13	.018	.029	.149	-.093
50	729	-.024	.049	.210	-.137	50	850	-.295	.121	-.037	-.908	60	14	-.042	.024	.095	-.155
50	801	-.472	.164	-.137	-1.279	50	851	-.202	.055	-.036	-.488	60	15	-.033	.029	.109	-.117
50	802	-.425	.143	-.045	-1.087	50	852	-.224	.087	-.013	-.708	60	16	-.005	.033	.219	-.102
50	803	-.345	.116	-.001	-.905	50	853	-.139	.049	.055	-.439	60	17	.008	.035	.227	-.096
50	804	-.281	.099	-.013	-.975	50	854	-.150	.035	-.007	-.283	60	18	.030	.037	.316	-.151

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	19	-.022	.030	.171	-.115	60	133	-.194	.063	.046	-.425	60	222	-.151	.074	.016	-.559
60	20	-.030	.032	.137	-.164	60	134	-.026	.142	.570	-.543	60	223	-.177	.092	.041	-.715
60	21	-.039	.032	.115	-.144	60	135	.026	.125	.498	-.476	60	224	-.039	.082	.360	-.488
60	22	-.015	.038	.256	-.155	60	136	.049	.100	.509	-.315	60	225	-.103	.036	.010	-.272
60	23	-.020	.034	.188	-.120	60	137	-.028	.078	.299	-.274	60	226	-.059	.036	.107	-.216
60	24	-.071	.024	.023	-.149	60	138	-.108	.062	.193	-.319	60	227	-.102	.033	-.001	-.256
60	25	-.050	.024	.043	-.125	60	139	-.197	.061	.058	-.434	60	228	-.041	.033	.096	-.172
60	26	-.062	.024	.029	-.134	60	140	.002	.106	.482	-.337	60	229	-.088	.034	.065	-.256
60	27	-.053	.024	.033	-.140	60	141	.017	.091	.396	-.293	60	301	-.078	.053	.148	-.255
60	28	-.058	.027	.074	-.146	60	142	-.038	.073	.307	-.253	60	302	-.038	.066	.251	-.254
60	29	-.043	.029	.132	-.158	60	143	.234	.113	.281	-.190	60	303	.031	.091	.344	-.243
60	30	-.043	.033	.114	-.197	60	144	-.084	.057	.154	-.260	60	304	.115	.137	.578	-.226
60	31	-.048	.029	.111	-.166	60	145	-.157	.058	.048	-.386	60	305	.183	.181	.813	-.443
60	91	-.090	.029	.005	-.208	60	146	-.013	.069	.386	-.255	60	306	-.057	.058	.181	-.261
60	92	-.100	.029	.002	-.223	60	147	-.018	.073	.400	-.219	60	307	.269	.208	1.025	-.434
60	93	-.080	.031	.044	-.182	60	148	-.008	.067	.390	-.183	60	308	-.132	.054	.091	-.330
60	94	-.119	.029	.027	-.250	60	149	-.013	.059	.321	-.149	60	309	-.048	.068	.224	-.271
60	95	-.088	.030	.038	-.230	60	150	-.014	.047	.254	-.145	60	310	.057	.113	.549	-.223
60	101	.053	.202	.800	-.711	60	151	-.071	.039	.118	-.231	60	311	.117	.155	.780	-.593
60	102	-.008	.135	.591	-.560	60	152	-.020	.039	.174	-.181	60	312	.108	.199	.852	-.772
60	103	-.117	.095	.219	-.443	60	153	-.017	.043	.202	-.156	60	313	-.069	.056	.177	-.226
60	104	.073	.231	.968	-.842	60	154	.004	.061	.346	-.134	60	314	.002	.068	.294	-.220
60	105	-.074	.104	.373	-.394	60	155	.010	.061	.315	-.108	60	315	.107	.109	.532	-.199
60	106	.136	.210	.840	-.716	60	156	.006	.052	.288	-.109	60	316	.140	.142	.751	-.352
60	107	.075	.131	.705	-.451	60	157	-.037	.035	.134	-.144	60	317	.197	.177	.845	-.489
60	108	-.070	.082	.402	-.371	60	158	.006	.035	.170	-.101	60	318	-.114	.057	.077	-.309
60	109	.151	.180	.853	-.545	60	159	-.015	.039	.159	-.127	60	319	.093	.115	.539	-.182
60	110	.124	.159	.788	-.496	60	160	.010	.056	.380	-.111	60	320	.186	.183	.860	-.407
60	111	-.051	.104	.391	-.326	60	161	.023	.067	.422	-.111	60	321	-.076	.054	.182	-.250
60	112	-.173	.084	.201	-.509	60	201	-.392	.111	-.058	-.957	60	322	-.021	.066	.271	-.215
60	113	.164	.229	.893	-.613	60	202	-.209	.122	.407	-.758	60	323	.037	.084	.360	-.223
60	114	.115	.119	.581	-.211	60	203	-.326	.102	.142	-.679	60	324	.097	.101	.492	-.163
60	115	-.131	.074	.213	-.368	60	204	-.353	.092	-.109	-.717	60	325	.133	.119	.699	-.127
60	116	.138	.163	.760	-.656	60	205	-.357	.102	.038	-.828	60	326	.165	.144	.829	-.375
60	117	.116	.140	.726	-.573	60	206	-.338	.101	-.111	-.879	60	327	.156	.170	.894	-.613
60	118	.083	.113	.601	-.319	60	207	-.352	.108	.142	-.811	60	328	-.077	.055	.157	-.270
60	119	-.017	.086	.351	-.294	60	208	-.392	.101	-.128	-.814	60	329	-.029	.065	.280	-.247
60	120	-.101	.070	.308	-.365	60	209	-.398	.117	-.112	-.917	60	330	.048	.081	.401	-.200
60	121	-.205	.071	.230	-.491	60	210	-.341	.096	-.124	-.897	60	331	.091	.096	.477	-.167
60	122	.108	.172	.751	-.860	60	211	-.367	.099	.084	-.803	60	332	.143	.113	.550	-.141
60	123	.111	.140	.737	-.523	60	212	-.325	.103	.228	-.860	60	333	.163	.138	.772	-.561
60	124	.100	.108	.713	-.407	60	213	-.358	.090	-.146	-.870	60	334	.160	.160	.852	-.624
60	125	-.004	.089	.503	-.305	60	214	-.346	.100	.045	-.805	60	335	-.120	.058	.130	-.376
60	126	-.089	.072	.264	-.314	60	215	-.392	.095	-.154	-.911	60	336	-.056	.057	.228	-.277
60	127	-.186	.067	.107	-.410	60	216	-.374	.102	.117	-.931	60	337	.059	.082	.432	-.161
60	128	.072	.151	.522	-.596	60	217	-.396	.100	-.080	-1.108	60	338	.047	.072	.350	-.144
60	129	.061	.131	.544	-.548	60	218	-.344	.106	-.106	-.875	60	339	.070	.082	.454	-.134
60	130	-.052	.094	.449	-.370	60	219	-.342	.111	.048	-.928	60	340	.093	.102	.563	-.347
60	131	-.023	.073	.279	-.237	60	220	-.340	.119	-.081	-.950	60	341	.080	.134	.704	-.516
60	132	-.092	.064	.169	-.303	60	221	-.250	.134	.114	-.999	60	342	-.109	.045	.058	-.294

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	343	-.073	.052	.171	-.300	60	517	-.234	.050	-.095	-.492	60	567	-.182	.069	.043	-.556
60	344	-.017	.052	.218	-.177	60	518	-.179	.051	-.032	-.429	60	568	-.236	.103	.002	-.715
60	345	.003	.053	.345	-.139	60	519	-.221	.064	-.075	-.532	60	569	-.061	.027	.047	-.168
60	346	.023	.058	.373	-.170	60	520	-.224	.054	-.062	-.490	60	570	-.063	.026	.040	-.168
60	347	.018	.076	.426	-.381	60	521	-.176	.045	-.058	-.441	60	571	-.066	.029	.058	-.208
60	348	.012	.092	.466	-.435	60	522	-.197	.049	-.052	-.422	60	572	-.039	.026	.065	-.112
60	349	-.108	.042	.077	-.275	60	523	-.222	.053	-.049	-.461	60	573	-.046	.033	.086	-.137
60	350	-.070	.040	.114	-.198	60	524	-.132	.050	.012	-.379	60	574	-.057	.028	.061	-.148
60	351	-.045	.041	.133	-.178	60	525	-.194	.053	-.049	-.482	60	575	-.060	.028	.058	-.147
60	352	-.018	.042	.203	-.139	60	526	-.158	.052	-.022	-.447	60	576	-.059	.027	.035	-.147
60	353	.009	.052	.265	-.271	60	527	-.240	.053	-.105	-.535	60	577	-.058	.029	.065	-.148
60	354	-.002	.073	.373	-.379	60	528	-.213	.045	-.072	-.427	60	578	-.051	.031	.076	-.156
60	355	-.036	.062	.216	-.350	60	529	-.225	.049	-.085	-.510	60	579	-.038	.033	.095	-.155
60	356	-.110	.044	.056	-.290	60	530	-.190	.055	-.040	-.569	60	580	-.040	.031	.077	-.140
60	357	-.077	.040	.108	-.220	60	531	-.212	.056	-.054	-.559	60	701	-.382	.121	-.094	-1.280
60	358	-.033	.039	.122	-.231	60	532	-.188	.054	-.007	-.470	60	702	-.409	.128	-.118	-1.117
60	359	-.020	.038	.151	-.165	60	533	-.197	.055	-.016	-.482	60	703	-.358	.121	-.005	-.854
60	360	-.013	.041	.179	-.145	60	534	-.215	.059	-.045	-.586	60	704	-.323	.092	-.062	-.760
60	361	-.029	.060	.189	-.380	60	535	-.243	.059	-.069	-.625	60	705	-.322	.084	-.037	-.730
60	362	-.044	.076	.217	-.579	60	536	-.227	.069	-.029	-.634	60	706	-.335	.091	-.125	-.775
60	363	-.116	.058	.134	-.390	60	537	-.244	.084	-.067	-1.000	60	707	-.326	.088	-.112	-.902
60	364	-.003	.039	.166	-.130	60	538	-.203	.035	-.097	-.397	60	708	-.334	.086	-.132	-.757
60	365	-.034	.052	.243	-.448	60	539	-.228	.073	-.044	-.689	60	709	-.342	.084	-.138	-.650
60	366	-.116	.067	.125	-.459	60	540	-.205	.073	.007	-.700	60	710	-.347	.099	-.101	-.846
60	367	-.080	.057	.205	-.336	60	541	-.231	.074	-.031	-.702	60	711	-.375	.103	-.131	-.880
60	368	-.025	.047	.143	-.211	60	542	-.200	.071	.035	-.618	60	712	-.365	.096	-.111	-.814
60	369	.012	.047	.231	-.159	60	543	-.223	.069	.052	-.606	60	713	-.370	.091	-.143	-.794
60	370	-.003	.039	.147	-.148	60	544	-.196	.080	.000	-.708	60	714	-.333	.088	-.086	-.705
60	371	-.022	.041	.177	-.282	60	545	-.213	.092	-.008	-.893	60	715	-.382	.091	-.129	-.819
60	372	-.021	.040	.186	-.295	60	546	-.177	.081	.022	-.621	60	716	-.372	.090	-.088	-.791
60	373	-.080	.067	.213	-.429	60	547	-.202	.072	-.059	-.633	60	717	-.393	.097	-.155	-.823
60	374	-.048	.059	.200	-.304	60	548	-.209	.082	-.014	-1.079	60	718	-.372	.102	-.139	-.906
60	375	.007	.044	.282	-.109	60	549	-.222	.083	-.026	-1.155	60	719	-.385	.100	-.131	-.893
60	376	-.001	.042	.263	-.142	60	550	-.174	.063	.047	-.502	60	720	-.331	.103	-.106	-.745
60	377	-.013	.042	.275	-.225	60	551	-.188	.061	.074	-.562	60	721	-.331	.109	-.022	-.759
60	501	-.202	.061	.006	-.534	60	552	-.180	.066	.010	-.564	60	722	-.121	.047	.024	-.411
60	502	-.211	.057	-.016	-.558	60	553	-.175	.067	.060	-.648	60	723	-.198	.089	-.015	-.737
60	503	-.205	.057	-.007	-.451	60	554	-.168	.064	.035	-.586	60	724	-.139	.055	-.023	-.449
60	504	-.207	.063	.020	-.538	60	555	-.154	.072	.060	-.568	60	725	-.054	.028	.122	-.133
60	505	-.184	.059	.037	-.457	60	556	-.145	.059	.032	-.615	60	726	-.108	.029	-.023	-.291
60	506	-.222	.063	-.053	-.783	60	557	-.167	.059	.130	-.642	60	727	-.105	.025	-.023	-.260
60	507	-.224	.062	-.042	-.482	60	558	-.202	.075	.160	-.820	60	728	-.098	.035	.010	-.354
60	508	-.223	.052	-.072	-.477	60	559	-.226	.084	.010	-.946	60	729	-.060	.029	.138	-.140
60	509	-.205	.050	-.065	-.485	60	560	-.204	.067	-.057	-.583	60	801	-.274	.095	-.055	-1.037
60	510	-.210	.051	-.043	-.456	60	561	-.207	.073	-.054	-.658	60	802	-.251	.086	-.055	-.804
60	511	-.201	.053	-.001	-.438	60	562	-.093	.026	.002	-.196	60	803	-.263	.092	-.057	-.756
60	512	-.230	.065	-.001	-.570	60	563	-.095	.029	.028	-.235	60	804	-.211	.069	-.035	-.691
60	514	-.216	.050	-.062	-.471	60	564	-.090	.032	.032	-.217	60	805	-.222	.079	-.040	-.599
60	515	-.161	.050	-.007	-.395	60	565	-.112	.040	.031	-.329	60	806	-.288	.101	-.064	-.960
60	516	-.131	.049	.026	-.349	60	566	-.142	.051	.028	-.456	60	807	-.260	.099	-.026	-.734

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	808	-.293	.091	-.028	-.767	60	858	-.110	.027	.021	-.249	70	22	-.018	.026	.095	-.147
60	809	-.263	.083	-.045	-.792	60	859	-.102	.030	.042	-.264	70	23	-.030	.027	.058	-.146
60	810	-.244	.077	-.056	-.644	60	860	-.109	.024	.000	-.194	70	24	-.064	.026	.035	-.159
60	811	-.172	.073	-.046	-.586	60	861	-.098	.024	.017	-.172	70	25	-.030	.028	.071	-.127
60	812	-.240	.081	-.016	-.678	60	862	-.120	.032	-.012	-.320	70	26	-.054	.026	.050	-.150
60	813	-.258	.078	-.037	-.659	60	863	-.081	.026	.037	-.218	70	27	-.039	.027	.057	-.134
60	814	-.258	.075	-.057	-.683	60	864	-.126	.031	-.018	-.275	70	28	-.026	.029	.102	-.126
60	815	-.241	.076	-.045	-.886	60	865	-.071	.025	.009	-.200	70	29	-.068	.052	.058	-.472
60	816	-.241	.070	-.078	-.696	60	866	-.097	.024	.027	-.182	70	30	-.030	.025	.045	-.140
60	817	-.232	.074	-.065	-.661	60	867	-.082	.026	.008	-.190	70	31	-.013	.030	.108	-.109
60	818	-.297	.080	-.095	-.641	60	868	-.088	.028	.007	-.202	70	91	-.076	.024	.023	-.165
60	819	-.261	.077	-.032	-.672	60	869	-.077	.028	.016	-.222	70	92	-.088	.026	.005	-.194
60	820	-.265	.072	-.080	-.688	60	870	-.104	.029	-.001	-.232	70	93	-.068	.034	.073	-.232
60	821	-.287	.089	-.069	-.744	60	901	-.329	.091	-.047	-.783	70	94	-.107	.033	.027	-.294
60	822	-.272	.086	.005	-.623	60	902	-.278	.083	-.039	-.590	70	95	-.080	.029	.015	-.193
60	823	-.282	.086	-.078	-1.020	60	903	-.265	.087	-.017	-.762	70	101	-.093	.242	.680	-1.224
60	824	-.282	.076	-.081	-.680	60	904	-.008	.072	.331	-.192	70	102	-.058	.136	.471	-.672
60	825	-.246	.068	-.067	-.695	60	905	-.112	.109	.525	-.133	70	103	-.122	.069	.134	-.459
60	826	-.226	.073	-.030	-.601	60	906	.163	.144	.695	-.240	70	104	-.088	.271	.815	-.984
60	827	-.241	.087	.022	-.637	60	907	-.353	.093	-.110	-.693	70	105	-.100	.079	.186	-.507
60	828	-.297	.082	-.064	-.692	60	908	-.262	.076	-.059	-.628	70	106	-.071	.292	.773	-1.264
60	829	-.195	.075	.028	-.532	60	909	-.239	.076	.002	-.739	70	107	-.043	.155	.474	-.865
60	830	-.269	.063	-.085	-.549	60	910	-.037	.069	.236	-.225	70	108	-.103	.068	.171	-.477
60	831	-.264	.068	-.070	-.579	60	911	-.069	.103	.532	-.161	70	109	-.025	.260	.794	-.957
60	832	-.286	.074	-.103	-.695	60	912	.154	.147	.724	-.395	70	110	-.017	.214	.756	-.849
60	833	-.319	.092	-.072	-.710	60	913	-.287	.084	-.033	-.633	70	111	-.088	.083	.333	-.403
60	834	-.335	.080	-.121	-.665	60	914	-.305	.102	-.000	-.718	70	112	-.174	.064	.105	-.455
60	835	-.326	.097	-.088	-.844	60	915	-.295	.094	.003	-.754	70	113	-.034	.257	.852	-.968
60	836	-.323	.086	-.049	-.687	60	916	-.335	.117	.007	-.925	70	114	.045	.114	.502	-.532
60	837	-.276	.076	-.079	-.620	70	1	-.048	.034	.090	-.168	70	115	-.133	.066	.109	-.371
60	838	-.306	.086	-.095	-.647	70	2	-.035	.037	.089	-.182	70	116	.019	.246	.714	-1.110
60	839	-.384	.088	-.162	-.709	70	3	.016	.070	.451	-.233	70	117	.027	.197	.705	-.868
60	840	-.333	.116	-.057	-1.024	70	4	-.029	.047	.264	-.210	70	118	.016	.147	.567	-.726
60	841	-.365	.111	-.113	-.920	70	5	-.059	.029	.048	-.169	70	119	-.041	.084	.343	-.346
60	842	-.221	.073	-.034	-.646	70	6	-.016	.034	.132	-.192	70	120	-.105	.057	.173	-.284
60	843	-.236	.086	-.058	-.675	70	7	-.051	.028	.076	-.162	70	121	-.178	.056	.063	-.465
60	844	-.230	.074	-.036	-.637	70	8	-.050	.032	.079	-.182	70	122	-.068	.266	.655	-1.311
60	845	-.286	.123	-.065	-1.019	70	9	-.015	.060	.226	-.259	70	123	-.032	.233	.598	-1.358
60	846	-.190	.076	-.029	-.694	70	10	-.023	.037	.179	-.126	70	124	.027	.133	.502	-.596
60	847	-.229	.105	-.013	-.923	70	11	-.010	.033	.125	-.182	70	125	-.043	.089	.345	-.523
60	848	-.159	.052	.010	-.528	70	12	-.019	.029	.090	-.149	70	126	-.102	.065	.176	-.383
60	849	-.149	.047	-.003	-.478	70	13	.021	.026	.118	-.069	70	127	-.168	.058	.055	-.375
60	850	-.169	.069	-.009	-.618	70	14	-.051	.026	.028	-.154	70	128	-.101	.201	.638	-.737
60	851	-.145	.053	.060	-.384	70	15	-.054	.029	.067	-.188	70	129	-.098	.195	.556	-.815
60	852	-.147	.051	-.023	-.433	70	16	-.025	.029	.074	-.144	70	130	-.054	.141	.428	-.713
60	853	-.108	.032	.020	-.264	70	17	-.011	.028	.082	-.134	70	131	-.080	.079	.229	-.754
60	854	-.108	.030	.003	-.227	70	18	.025	.023	.134	-.051	70	132	-.121	.060	.156	-.363
60	855	-.085	.028	.042	-.223	70	19	-.040	.027	.078	-.123	70	133	-.199	.062	.058	-.508
60	856	-.124	.035	.000	-.265	70	20	-.053	.030	.059	-.160	70	134	-.164	.161	.416	-.920
60	857	-.121	.031	-.010	-.289	70	21	-.059	.031	.057	-.164	70	135	-.147	.157	.351	-.879

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	136	-.102	.125	.287	-.761	70	225	-.091	.032	.023	-.278	70	346	.072	.074	.524	-.102
70	137	-.111	.070	.182	-.518	70	226	-.039	.034	.109	-.226	70	347	.045	.073	.430	-.188
70	138	-.147	.051	.083	-.388	70	227	-.091	.029	.021	-.246	70	348	.029	.073	.350	-.283
70	139	-.197	.058	.009	-.483	70	228	-.047	.027	.070	-.141	70	349	-.063	.050	.137	-.285
70	140	-.178	.106	.171	-.775	70	229	-.083	.028	.011	-.216	70	350	-.023	.050	.199	-.170
70	141	-.165	.105	.173	-.711	70	301	-.029	.068	.260	-.262	70	351	.007	.053	.241	-.125
70	142	-.097	.084	.159	-.702	70	302	.019	.084	.378	-.213	70	352	.030	.054	.287	-.095
70	143	-.113	.054	.097	-.467	70	303	.093	.104	.468	-.217	70	353	.025	.061	.337	-.164
70	144	-.133	.049	.088	-.356	70	304	.162	.145	.673	-.192	70	354	.001	.061	.298	-.238
70	145	-.168	.058	.051	-.446	70	305	.198	.165	.876	-.265	70	355	-.029	.044	.159	-.151
70	146	-.085	.054	.137	-.437	70	306	-.006	.078	.364	-.235	70	356	-.062	.058	.272	-.428
70	147	-.110	.053	.102	-.398	70	307	.250	.177	.869	-.261	70	357	-.021	.050	.285	-.321
70	148	-.089	.051	.134	-.414	70	308	-.088	.070	.275	-.326	70	358	.013	.045	.220	-.144
70	149	-.078	.041	.082	-.267	70	309	.012	.087	.464	-.209	70	359	.008	.042	.197	-.138
70	150	-.031	.034	.089	-.161	70	310	.126	.130	.732	-.189	70	360	-.003	.040	.205	-.139
70	151	-.092	.035	.041	-.317	70	311	.193	.155	.863	-.146	70	361	-.024	.040	.198	-.174
70	152	-.063	.054	.124	-.436	70	312	.177	.180	.876	-.315	70	362	-.036	.039	.168	-.243
70	153	-.063	.050	.138	-.397	70	313	-.009	.078	.327	-.246	70	363	-.021	.067	.393	-.407
70	154	-.048	.036	.151	-.203	70	314	.065	.094	.451	-.169	70	364	.029	.046	.244	-.097
70	155	-.032	.038	.151	-.197	70	315	.168	.131	.624	-.123	70	365	-.040	.033	.124	-.224
70	156	-.038	.038	.156	-.145	70	316	.242	.159	.860	-.205	70	366	-.014	.064	.218	-.288
70	157	-.053	.032	.138	-.165	70	317	.232	.161	.943	-.448	70	367	.013	.059	.235	-.158
70	158	-.020	.038	.154	-.181	70	318	-.068	.073	.231	-.306	70	368	.044	.049	.244	-.094
70	159	-.047	.040	.124	-.229	70	319	.157	.140	.771	-.171	70	369	.032	.053	.336	-.137
70	160	-.044	.041	.111	-.246	70	320	.185	.184	.934	-.374	70	370	-.011	.039	.208	-.147
70	161	-.021	.040	.166	-.137	70	321	-.012	.076	.278	-.280	70	371	-.030	.034	.167	-.135
70	201	-.302	.092	-.067	-.811	70	322	.050	.092	.446	-.267	70	372	-.037	.034	.142	-.149
70	202	-.233	.076	.083	-.512	70	323	.107	.111	.639	-.170	70	373	-.017	.059	.293	-.280
70	203	-.260	.075	.002	-.754	70	324	.160	.124	.806	-.117	70	374	.016	.052	.247	-.177
70	204	-.272	.077	-.089	-.662	70	325	.179	.139	.849	-.207	70	375	.003	.043	.235	-.165
70	205	-.267	.078	-.065	-.664	70	326	.193	.147	.980	-.242	70	376	-.006	.036	.165	-.102
70	206	-.251	.072	-.064	-.562	70	327	.174	.154	.989	-.495	70	377	-.019	.033	.136	-.118
70	207	-.286	.080	-.064	-.693	70	328	-.018	.081	.372	-.266	70	501	-.200	.074	-.012	-.707
70	208	-.279	.078	-.085	-.664	70	329	.058	.093	.422	-.180	70	502	-.207	.065	-.039	-.571
70	209	-.286	.091	-.094	-.640	70	330	.130	.110	.591	-.135	70	503	-.200	.061	-.029	-.489
70	210	-.256	.075	-.059	-.638	70	331	.166	.122	.721	-.114	70	504	-.198	.066	-.017	-.568
70	211	-.282	.080	-.064	-.698	70	332	.199	.130	.760	-.081	70	505	-.189	.064	.000	-.575
70	212	-.279	.079	.018	-.673	70	333	.194	.132	.751	-.290	70	506	-.204	.076	-.032	-.716
70	213	-.274	.074	-.087	-.595	70	334	.172	.139	.776	-.389	70	507	-.201	.064	.007	-.545
70	214	-.276	.088	-.044	-.697	70	335	-.043	.078	.412	-.306	70	508	-.217	.067	-.052	-.753
70	215	-.307	.090	-.049	-.739	70	336	.025	.085	.511	-.202	70	509	-.198	.058	-.040	-.589
70	216	-.308	.095	-.020	-.721	70	337	.129	.110	.695	-.097	70	510	-.201	.058	-.050	-.572
70	217	-.311	.108	.006	-.977	70	338	.134	.110	.827	-.153	70	511	-.189	.057	-.029	-.494
70	218	-.267	.119	-.021	-1.073	70	339	.137	.112	.759	-.148	70	512	-.221	.069	-.028	-.537
70	219	-.283	.110	.012	-.766	70	340	.130	.110	.733	-.154	70	514	-.211	.065	-.052	-.548
70	220	-.248	.105	-.040	-.745	70	341	.083	.102	.542	-.233	70	515	-.159	.061	.015	-.489
70	221	-.207	.113	.140	-.718	70	342	-.050	.053	.140	-.231	70	516	-.130	.060	.051	-.495
70	222	-.093	.069	.072	-.635	70	343	-.009	.066	.243	-.196	70	517	-.239	.069	-.063	-.757
70	223	-.133	.081	.083	-.823	70	344	.047	.072	.363	-.125	70	518	-.183	.068	.028	-.702
70	224	-.075	.062	.194	-.371	70	345	.071	.076	.432	-.102	70	519	-.207	.074	-.023	-.645

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
70	520	-.218	.068	-.054	-.686	70	570	-.023	.030	.108	-.109	70	811	-.162	.067	.018	-.573
70	521	-.187	.060	-.045	-.475	70	571	-.021	.034	.125	-.129	70	812	-.221	.070	-.006	-.639
70	522	-.191	.066	-.037	-.546	70	572	-.000	.035	.166	-.082	70	813	-.207	.065	-.022	-.514
70	523	-.213	.070	-.054	-.682	70	573	-.004	.040	.186	-.098	70	814	-.215	.063	-.030	-.550
70	524	-.136	.060	.016	-.462	70	574	-.020	.033	.124	-.101	70	815	-.202	.059	-.012	-.554
70	525	-.184	.067	-.006	-.580	70	575	-.022	.034	.122	-.099	70	816	-.215	.060	-.043	-.582
70	526	-.150	.066	.040	-.494	70	576	-.020	.032	.161	-.106	70	817	-.208	.063	-.057	-.584
70	527	-.241	.074	-.083	-.702	70	577	-.017	.035	.132	-.108	70	818	-.221	.060	-.048	-.553
70	528	-.213	.067	-.022	-.534	70	578	-.011	.036	.121	-.119	70	819	-.206	.060	-.051	-.482
70	529	-.222	.072	-.039	-.603	70	579	-.001	.039	.160	-.099	70	820	-.244	.067	-.066	-.536
70	530	-.186	.076	-.007	-.628	70	580	.006	.039	.181	-.092	70	821	-.219	.066	-.046	-.589
70	531	-.204	.073	-.019	-.545	70	701	-.277	.091	-.034	-.679	70	822	-.238	.071	-.046	-.590
70	532	-.181	.071	.010	-.554	70	702	-.275	.089	-.048	-.848	70	823	-.229	.062	-.070	-.570
70	533	-.191	.071	.002	-.545	70	703	-.261	.095	-.048	-.674	70	824	-.222	.057	-.072	-.535
70	534	-.209	.105	.057	-.901	70	704	-.251	.080	-.057	-.637	70	825	-.226	.064	-.051	-.732
70	535	-.237	.099	.074	-.871	70	705	-.257	.073	-.068	-.638	70	826	-.213	.066	-.065	-.556
70	536	-.212	.093	.023	-.835	70	706	-.231	.067	-.051	-.597	70	827	-.204	.070	-.029	-.633
70	537	-.230	.106	.035	-.952	70	707	-.239	.070	-.066	-.570	70	828	-.232	.072	-.038	-.622
70	538	-.190	.045	-.087	-.385	70	708	-.243	.069	-.056	-.550	70	829	-.169	.063	.028	-.467
70	539	-.215	.095	.027	-.996	70	709	-.243	.064	-.088	-.597	70	830	-.228	.056	-.036	-.458
70	540	-.189	.095	.050	-.676	70	710	-.238	.071	-.059	-.562	70	831	-.242	.063	-.029	-.590
70	541	-.215	.107	.111	-.835	70	711	-.252	.074	-.054	-.584	70	832	-.242	.068	.027	-.585
70	542	-.181	.097	.114	-.643	70	712	-.263	.073	-.080	-.638	70	833	-.268	.098	-.027	-.742
70	543	-.211	.099	.061	-.729	70	713	-.247	.070	-.053	-.569	70	834	-.273	.087	-.064	-.713
70	544	-.197	.110	.078	-1.222	70	714	-.243	.070	-.069	-.651	70	835	-.279	.097	-.027	-.735
70	545	-.207	.108	.005	-1.170	70	715	-.280	.083	-.086	-.665	70	836	-.258	.081	-.043	-.605
70	546	-.170	.097	.035	-1.055	70	716	-.287	.085	-.100	-.704	70	837	-.235	.076	-.039	-.651
70	547	-.196	.087	.008	-.918	70	717	-.279	.096	-.062	-.842	70	838	-.251	.083	-.033	-.644
70	548	-.172	.097	.107	-.862	70	718	-.280	.098	-.049	-.769	70	839	-.304	.099	-.103	-.765
70	549	-.178	.084	.081	-.659	70	719	-.283	.096	-.043	-.705	70	840	-.296	.131	-.013	-1.053
70	550	-.154	.080	.166	-.605	70	720	-.250	.101	-.039	-.920	70	841	-.265	.107	-.036	-.944
70	551	-.212	.103	.025	-.888	70	721	-.230	.099	-.024	-.825	70	842	-.251	.089	-.004	-.748
70	552	-.208	.104	.027	-.824	70	722	-.139	.066	.141	-.576	70	843	-.257	.100	-.031	-.830
70	553	-.200	.112	.049	-1.194	70	723	-.149	.071	-.010	-.916	70	844	-.268	.095	-.020	-.686
70	554	-.193	.107	.058	-1.065	70	724	-.169	.083	.050	-.607	70	845	-.300	.144	-.045	-1.285
70	555	-.099	.048	.077	-.448	70	725	-.063	.037	.093	-.180	70	846	-.248	.109	-.040	-.978
70	556	-.096	.050	.097	-.423	70	726	-.105	.040	.033	-.325	70	847	-.271	.132	-.016	-1.112
70	557	-.121	.062	.083	-.590	70	727	-.104	.035	.016	-.253	70	848	-.210	.079	-.033	-.647
70	558	-.155	.077	.055	-.683	70	728	-.096	.042	.053	-.325	70	849	-.185	.067	.060	-.511
70	559	-.204	.103	.028	-1.028	70	729	-.069	.039	.085	-.183	70	850	-.183	.090	.004	-.776
70	560	-.210	.104	-.010	-.733	70	801	-.212	.069	.013	-.651	70	851	-.174	.077	.078	-.845
70	561	-.221	.113	-.013	-.841	70	802	-.198	.069	.016	-.564	70	852	-.164	.063	-.002	-.575
70	562	-.066	.026	.038	-.167	70	803	-.206	.073	.060	-.802	70	853	-.126	.039	.002	-.388
70	563	-.061	.028	.043	-.157	70	804	-.190	.063	-.017	-.584	70	854	-.118	.042	.037	-.318
70	564	-.052	.028	.074	-.193	70	805	-.208	.072	-.040	-.661	70	855	-.101	.037	.023	-.290
70	565	-.063	.033	.049	-.219	70	806	-.228	.075	-.020	-.602	70	856	-.130	.046	.026	-.371
70	566	-.081	.045	.045	-.407	70	807	-.219	.083	-.008	-.729	70	857	-.133	.041	-.025	-.383
70	567	-.128	.072	.060	-.605	70	808	-.234	.067	-.037	-.524	70	858	-.116	.035	.024	-.311
70	568	-.189	.115	.099	-.792	70	809	-.209	.072	-.019	-.666	70	859	-.111	.040	-.033	-.318
70	569	-.022	.032	.132	-.113	70	810	-.205	.066	.028	-.694	70	860	-.117	.032	-.013	-.260

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
70	861	-.106	.033	.002	-.247	80	25	-.022	.029	.083	-.146	80	139	-.235	.081	-.048	-.898
70	862	-.126	.037	-.002	-.311	80	26	-.049	.027	.044	-.138	80	140	-.232	.119	.148	-.862
70	863	-.090	.031	.015	-.198	80	27	-.032	.028	.077	-.126	80	141	-.209	.123	.155	-.837
70	864	-.135	.037	-.008	-.294	80	28	-.006	.031	.191	-.097	80	142	-.148	.102	.148	-.660
70	865	-.066	.026	.014	-.190	80	29	-.096	.083	.067	-.657	80	143	-.146	.069	.107	-.607
70	866	-.109	.030	-.010	-.227	80	30	-.011	.031	.133	-.141	80	144	-.160	.059	.023	-.464
70	867	-.078	.028	.030	-.205	80	31	-.008	.031	.241	-.087	80	145	-.201	.076	.028	-.710
70	868	-.085	.029	.025	-.220	80	91	-.073	.034	.055	-.403	80	146	-.109	.062	.094	-.451
70	869	-.076	.030	.028	-.274	80	92	-.086	.033	.038	-.302	80	147	-.116	.063	.087	-.451
70	870	-.099	.025	.012	-.183	80	93	-.051	.038	.125	-.219	80	148	-.103	.063	.103	-.529
70	901	-.246	.074	-.031	-.695	80	94	-.101	.038	.085	-.278	80	149	-.091	.054	.086	-.365
70	902	-.214	.062	-.021	-.498	80	95	-.078	.034	.033	-.206	80	150	-.075	.040	.079	-.232
70	903	-.230	.066	-.005	-.717	80	101	-.281	.245	.493	-1.057	80	151	-.093	.042	.056	-.294
70	904	.049	.095	.474	-.181	80	102	-.108	.158	.281	-.820	80	152	-.096	.083	.080	-.559
70	905	.155	.125	.713	-.125	80	103	-.141	.077	.094	-.577	80	153	-.091	.075	.086	-.548
70	906	.192	.148	.829	-.179	80	104	-.337	.224	.504	-1.035	80	154	-.090	.061	.111	-.497
70	907	-.249	.075	-.059	-.628	80	105	-.122	.080	.177	-.504	80	155	-.033	.042	.173	-.209
70	908	-.204	.062	-.008	-.508	80	106	-.292	.285	.623	-1.318	80	156	-.040	.049	.208	-.187
70	909	-.205	.066	-.023	-.540	80	107	-.161	.211	.353	-1.067	80	157	-.047	.042	.152	-.185
70	910	.008	.083	.334	-.201	80	108	-.143	.094	.115	-.652	80	158	-.050	.043	.089	-.275
70	911	.135	.128	.592	-.181	80	109	-.179	.272	.647	-1.266	80	159	-.055	.046	.122	-.241
70	912	.167	.144	.848	-.154	80	110	-.133	.240	.533	-1.314	80	160	-.040	.048	.230	-.197
70	913	-.249	.084	-.015	-.655	80	111	-.124	.085	.095	-.642	80	161	-.001	.054	.383	-.139
70	914	-.300	.106	-.013	-.815	80	112	-.197	.068	.029	-.586	80	201	-.287	.092	.057	-.678
70	915	-.297	.093	-.046	-.710	80	113	-.217	.234	.599	-1.138	80	202	-.248	.079	.090	-.589
70	916	-.327	.117	-.023	-.883	80	114	.001	.121	.424	-.699	80	203	-.273	.081	-.060	-.579
80	1	-.050	.030	.071	-.181	80	115	-.160	.061	.081	-.499	80	204	-.260	.084	-.047	-.723
80	2	-.038	.039	.092	-.188	80	116	-.150	.291	.812	-1.404	80	205	-.248	.078	-.047	-.694
80	3	.049	.075	.413	-.201	80	117	-.096	.233	.727	-.985	80	206	-.232	.077	-.014	-.612
80	4	.030	.053	.296	-.151	80	118	-.081	.178	.555	-.918	80	207	-.272	.082	-.001	-.630
80	5	-.061	.030	.043	-.168	80	119	-.086	.083	.303	-.692	80	208	-.258	.075	-.049	-.586
80	6	-.026	.041	.110	-.222	80	120	-.124	.058	.095	-.482	80	209	-.259	.087	-.035	-.688
80	7	-.054	.026	.037	-.228	80	121	-.183	.061	.018	-.474	80	210	-.238	.078	-.055	-.625
80	8	-.052	.033	.081	-.243	80	122	-.298	.321	.562	-1.406	80	211	-.266	.082	-.057	-.669
80	9	.006	.059	.300	-.255	80	123	-.204	.317	.524	-1.351	80	212	-.272	.086	-.018	-.667
80	10	-.005	.034	.145	-.123	80	124	-.016	.146	.495	-.882	80	213	-.260	.080	-.073	-.645
80	11	-.023	.047	.140	-.236	80	125	-.074	.084	.293	-.582	80	214	-.263	.091	-.047	-.699
80	12	-.004	.029	.106	-.102	80	126	-.125	.061	.107	-.463	80	215	-.307	.118	-.075	-.867
80	13	.025	.030	.135	-.100	80	127	-.181	.059	-.024	-.482	80	216	-.322	.124	-.020	-.854
80	14	-.052	.028	.040	-.145	80	128	-.293	.208	.425	-1.174	80	217	-.329	.152	-.031	-1.245
80	15	-.065	.031	.029	-.189	80	129	-.270	.239	.481	-1.160	80	218	-.317	.153	-.033	-1.342
80	16	-.034	.040	.084	-.247	80	130	-.154	.197	.289	-1.064	80	219	-.331	.148	.011	-1.562
80	17	-.015	.039	.097	-.287	80	131	-.127	.095	.157	-.801	80	220	-.272	.147	-.020	-1.099
80	18	.034	.031	.142	-.100	80	132	-.150	.073	.105	-.672	80	221	-.255	.147	.160	-1.187
80	19	-.045	.028	.065	-.165	80	133	-.217	.081	-.013	-.654	80	222	-.120	.079	.079	-.613
80	20	-.056	.032	.054	-.261	80	134	-.295	.181	.233	-.918	80	223	-.128	.093	.095	-.718
80	21	-.061	.033	.066	-.190	80	135	-.263	.190	.219	-.985	80	224	-.061	.065	.263	-.519
80	22	-.004	.029	.114	-.113	80	136	-.172	.154	.242	-.917	80	225	-.074	.036	.066	-.246
80	23	-.028	.031	.095	-.199	80	137	-.157	.090	.110	-.785	80	226	-.055	.035	.111	-.245
80	24	-.057	.027	.035	-.143	80	138	-.186	.070	.005	-.685	80	227	-.077	.033	.053	-.231

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	228	-.037	.034	.121	-.217	80	349	-.090	.073	.213	-.485	80	523	-.258	.087	-.041	-.765
80	229	-.069	.036	.070	-.211	80	350	-.020	.063	.303	-.318	80	524	-.174	.075	.016	-.554
80	301	.026	.083	.355	-.265	80	351	.035	.058	.315	-.172	80	525	-.227	.076	-.006	-.656
80	302	.089	.102	.490	-.230	80	352	.054	.058	.468	-.134	80	526	-.195	.077	.027	-.631
80	303	.189	.124	.665	-.139	80	353	.058	.067	.337	-.173	80	527	-.286	.098	-.044	-.784
80	304	.280	.161	.768	-.106	80	354	.023	.075	.388	-.203	80	528	-.258	.098	-.049	-.826
80	305	.321	.177	.975	-.198	80	355	-.016	.065	.279	-.219	80	529	-.270	.095	.005	-.865
80	306	.029	.088	.440	-.236	80	356	-.070	.075	.317	-.370	80	530	-.231	.092	.044	-.813
80	307	.317	.188	.927	-.172	80	357	.009	.061	.386	-.200	80	531	-.248	.089	-.012	-.840
80	308	-.071	.083	.301	-.364	80	358	.050	.053	.373	-.096	80	532	-.211	.080	-.019	-.647
80	309	.057	.099	.453	-.208	80	359	.044	.047	.278	-.088	80	533	-.223	.081	-.018	-.668
80	310	.204	.144	.789	-.133	80	360	.007	.045	.248	-.156	80	534	-.272	.132	.034	-1.042
80	311	.294	.181	.874	-.174	80	361	-.010	.046	.264	-.237	80	535	-.293	.122	.022	-.867
80	312	.264	.210	.965	-.294	80	362	-.031	.046	.262	-.298	80	536	-.277	.119	.032	-.917
80	313	.032	.085	.391	-.202	80	363	-.011	.076	.316	-.490	80	537	-.293	.130	-.011	-1.084
80	314	.137	.101	.521	-.124	80	364	.042	.048	.238	-.092	80	538	-.253	.059	-.115	-.477
80	315	.290	.148	.819	-.111	80	365	-.036	.040	.205	-.293	80	539	-.274	.112	.051	-1.061
80	316	.384	.205	.979	-.148	80	366	-.012	.071	.262	-.278	80	540	-.272	.118	.036	-.987
80	317	.359	.185	.994	-.157	80	367	.024	.065	.329	-.149	80	541	-.295	.150	.128	-1.170
80	318	-.051	.089	.258	-.385	80	368	.064	.055	.343	-.110	80	542	-.258	.134	.167	-1.044
80	319	.249	.159	.852	-.140	80	369	.075	.064	.420	-.136	80	543	-.290	.130	.075	-.945
80	320	.274	.219	1.054	-.327	80	370	-.001	.042	.202	-.143	80	544	-.285	.142	.135	-1.099
80	321	.038	.090	.364	-.205	80	371	-.023	.038	.138	-.154	80	545	-.297	.140	-.006	-1.117
80	322	.129	.106	.514	-.147	80	372	-.048	.040	.115	-.207	80	546	-.255	.129	.005	-1.300
80	323	.229	.125	.695	-.083	80	373	-.021	.059	.203	-.459	80	547	-.280	.118	-.029	-1.083
80	324	.304	.141	.764	-.054	80	374	.024	.058	.373	-.228	80	548	-.220	.145	.143	-1.050
80	325	.323	.161	.870	-.104	80	375	.029	.055	.403	-.177	80	549	-.227	.124	.128	-.832
80	326	.334	.170	.832	-.145	80	376	.007	.048	.338	-.143	80	550	-.219	.123	.118	-.796
80	327	.310	.174	.832	-.159	80	377	-.016	.049	.298	-.212	80	551	-.308	.155	.032	-1.185
80	328	.023	.095	.444	-.250	80	501	-.251	.100	-.007	-.872	80	552	-.337	.174	.055	-1.311
80	329	.106	.103	.556	-.248	80	502	-.253	.088	-.029	-.808	80	553	-.327	.169	.053	-1.288
80	330	.207	.120	.710	-.178	80	503	-.241	.083	-.015	-.724	80	554	-.319	.159	.026	-1.166
80	331	.269	.134	.799	-.091	80	504	-.236	.080	-.032	-.719	80	555	-.094	.060	.096	-.575
80	332	.310	.146	.841	-.073	80	505	-.219	.072	-.009	-.569	80	556	-.093	.060	.109	-.479
80	333	.326	.168	.911	-.069	80	506	-.266	.097	-.040	-.826	80	557	-.113	.073	.111	-.540
80	334	.291	.179	.954	-.142	80	507	-.244	.075	-.002	-.945	80	558	-.167	.099	.144	-.776
80	335	-.037	.086	.404	-.375	80	508	-.264	.089	-.076	-.872	80	559	-.252	.146	.177	-1.259
80	336	.050	.091	.541	-.253	80	509	-.241	.082	-.042	-.742	80	560	-.297	.139	-.043	-1.174
80	337	.192	.115	.839	-.047	80	510	-.239	.076	-.027	-.618	80	561	-.302	.150	.024	-1.154
80	338	.194	.116	.684	-.089	80	511	-.222	.069	-.037	-.582	80	562	-.070	.031	.075	-.202
80	339	.212	.127	.672	-.086	80	512	-.247	.076	-.050	-.635	80	563	-.055	.031	.085	-.160
80	340	.193	.134	.705	-.117	80	514	-.254	.090	-.059	-.759	80	564	-.049	.030	.076	-.231
80	341	.139	.143	.676	-.281	80	515	-.199	.074	.032	-.548	80	565	-.057	.037	.069	-.419
80	342	-.061	.067	.234	-.282	80	516	-.173	.076	.075	-.547	80	566	-.088	.050	.106	-.357
80	343	.013	.078	.508	-.217	80	517	-.281	.091	-.088	-.810	80	567	-.146	.077	.149	-.563
80	344	.089	.081	.669	-.131	80	518	-.219	.079	-.026	-.616	80	568	-.219	.130	.053	-.941
80	345	.102	.087	.588	-.097	80	519	-.243	.084	-.000	-.807	80	569	-.020	.032	.100	-.113
80	346	.108	.091	.608	-.094	80	520	-.263	.090	-.041	-.782	80	570	-.022	.030	.082	-.104
80	347	.083	.096	.508	-.136	80	521	-.222	.080	.024	-.661	80	571	-.016	.032	.098	-.104
80	348	.051	.099	.504	-.233	80	522	-.238	.084	.015	-.639	80	572	-.011	.031	.107	-.091

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAH	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
80	573	-.012	.034	.132	-.108	80	814	-.220	.070	-.030	-.674	80	864	-.116	.039	.023	-.303
80	574	-.018	.031	.090	-.106	80	815	-.212	.070	.017	-.543	80	865	-.065	.034	.049	-.217
80	575	-.015	.031	.093	-.102	80	816	-.232	.069	-.022	-.560	80	866	-.089	.033	.040	-.221
80	576	-.020	.030	.079	-.119	80	817	-.227	.071	-.034	-.627	80	867	-.079	.040	.063	-.385
80	577	-.017	.031	.122	-.110	80	818	-.242	.067	-.008	-.496	80	868	-.087	.044	.051	-.525
80	578	-.016	.031	.085	-.104	80	819	-.246	.068	-.025	-.642	80	869	-.081	.050	.059	-.615
80	579	-.005	.032	.108	-.094	80	820	-.281	.072	-.060	-.669	80	870	-.091	.031	.027	-.250
80	580	-.010	.032	.127	-.094	80	821	-.220	.069	.020	-.533	80	901	-.256	.083	-.016	-.659
80	701	-.247	.092	.024	-.786	80	822	-.244	.076	.034	-.582	80	902	-.246	.069	-.024	-.550
80	702	-.269	.085	-.011	-.776	80	823	-.235	.069	.026	-.620	80	903	-.268	.075	-.062	-.617
80	703	-.228	.089	-.005	-.712	80	824	-.238	.066	.003	-.578	80	904	.109	.111	.617	-.194
80	704	-.235	.075	-.034	-.524	80	825	-.246	.070	-.086	-.578	80	905	.256	.151	.982	-.164
80	705	-.252	.080	-.016	-.564	80	826	-.240	.084	-.040	-.814	80	906	.317	.179	1.044	-.094
80	706	-.238	.067	-.032	-.548	80	827	-.210	.085	.010	-.698	80	907	-.259	.079	-.030	-.699
80	707	-.248	.077	-.037	-.612	80	828	-.235	.078	.015	-.624	80	908	-.226	.074	.088	-.603
80	708	-.255	.075	-.057	-.623	80	829	-.184	.078	-.014	-.568	80	909	-.241	.071	-.026	-.708
80	709	-.252	.070	-.053	-.493	80	830	-.239	.064	-.028	-.529	80	910	.070	.101	.431	-.229
80	710	-.222	.067	-.032	-.494	80	831	-.249	.069	-.062	-.653	80	911	.220	.140	.690	-.113
80	711	-.238	.069	-.041	-.529	80	832	-.257	.074	-.053	-.731	80	912	.265	.171	.813	-.122
80	712	-.246	.070	-.067	-.537	80	833	-.280	.117	.023	-1.062	80	913	-.306	.098	-.030	-.861
80	713	-.233	.069	-.048	-.552	80	834	-.287	.104	-.036	-.923	80	914	-.344	.113	-.034	-.814
80	714	-.236	.072	-.044	-.605	80	835	-.288	.110	-.004	-1.055	80	915	-.345	.110	-.009	-.774
80	715	-.284	.097	-.011	-.741	80	836	-.271	.091	.051	-.861	80	916	-.371	.134	.025	-.907
80	716	-.293	.097	.014	-.737	80	837	-.252	.087	-.002	-.692	90	1	-.041	.027	.051	-.165
80	717	-.316	.124	-.048	-1.116	80	838	-.272	.097	.027	-.718	90	2	-.015	.034	.139	-.146
80	718	-.304	.126	-.046	-.996	80	839	-.323	.126	-.070	-.875	90	3	.107	.087	.661	-.101
80	719	-.307	.122	-.043	-1.001	80	840	-.336	.161	-.033	-1.335	90	4	.047	.040	.282	-.103
80	720	-.287	.144	-.027	-1.305	80	841	-.292	.142	-.036	-1.278	90	5	-.049	.024	.066	-.125
80	721	-.266	.137	-.036	-1.128	80	842	-.253	.096	.057	-.828	90	6	-.004	.029	.151	-.136
80	722	-.109	.066	.072	-.495	80	843	-.253	.113	.005	-.977	90	7	-.050	.023	.026	-.141
80	723	-.130	.093	.063	-.863	80	844	-.277	.104	.098	-.964	90	8	-.045	.028	.075	-.165
80	724	-.136	.087	.025	-.617	80	845	-.301	.177	-.010	-1.530	90	9	.026	.059	.363	-.228
80	725	-.039	.042	.217	-.154	80	846	-.228	.127	.001	-.948	90	10	.004	.039	.203	-.109
80	726	-.081	.041	.093	-.271	80	847	-.257	.158	.045	-1.138	90	11	-.013	.045	.137	-.229
80	727	-.081	.038	.082	-.257	80	848	-.187	.084	.023	-.663	90	12	-.001	.031	.139	-.098
80	728	-.067	.045	.075	-.295	80	849	-.168	.074	.012	-.532	90	13	.022	.026	.113	-.103
80	729	-.045	.045	.211	-.162	80	850	-.156	.088	.171	-.752	90	14	-.053	.025	.053	-.246
80	801	-.212	.076	.026	-.577	80	851	-.159	.082	.050	-.519	90	15	-.050	.024	.051	-.135
80	802	-.194	.077	.038	-.560	80	852	-.139	.060	.111	-.525	90	16	-.010	.028	.094	-.120
80	803	-.203	.076	-.001	-.816	80	853	-.104	.040	.080	-.306	90	17	.003	.030	.095	-.141
80	804	-.197	.065	.017	-.543	80	854	-.096	.044	.054	-.289	90	18	.040	.028	.162	-.054
80	805	-.218	.073	-.010	-.729	80	855	-.078	.038	.050	-.244	90	19	-.041	.023	.056	-.120
80	806	-.215	.071	.002	-.542	80	856	-.107	.048	.044	-.404	90	20	-.050	.027	.059	-.176
80	807	-.231	.079	.008	-.662	80	857	-.112	.045	.007	-.316	90	21	-.056	.030	.076	-.197
80	808	-.236	.074	.044	-.572	80	858	-.101	.035	.024	-.243	90	22	-.009	.028	.101	-.098
80	809	-.209	.070	.076	-.542	80	859	-.093	.040	.053	-.290	90	23	-.030	.028	.086	-.181
80	810	-.214	.074	.062	-.736	80	860	-.102	.033	.034	-.216	90	24	-.052	.024	.023	-.150
80	811	-.182	.072	.063	-.559	80	861	-.091	.034	.053	-.216	90	25	-.021	.027	.077	-.123
80	812	-.249	.076	.110	-.610	80	862	-.107	.039	.026	-.294	90	26	-.046	.025	.032	-.124
80	813	-.204	.071	.008	-.674	80	863	-.068	.034	.073	-.194	90	27	-.030	.026	.075	-.122

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	28	-.003	.032	.144	-.088	90	142	-.202	.120	.119	-.989	90	302	.076	.103	.499	-.206
90	29	-.144	.105	.062	-.805	90	143	-.215	.098	.028	-.822	90	303	.158	.118	.724	-.135
90	30	-.015	.026	.071	-.088	90	144	-.202	.083	.038	-.707	90	304	.214	.155	.840	-.193
90	31	.012	.033	.161	-.075	90	145	-.216	.087	.036	-.817	90	305	.208	.181	.816	-.287
90	91	-.096	.035	.018	-.316	90	146	-.124	.072	.075	-.552	90	306	.072	.103	.589	-.229
90	92	-.116	.036	.007	-.341	90	147	-.156	.076	.097	-.627	90	307	.204	.175	.929	-.221
90	93	-.074	.036	.056	-.262	90	148	-.161	.080	.078	-.607	90	308	-.074	.100	.365	-.507
90	94	-.132	.039	.027	-.352	90	149	-.155	.079	.106	-.597	90	309	.064	.115	.481	-.284
90	95	-.118	.042	-.007	-.348	90	150	-.097	.047	.084	-.325	90	310	.208	.151	.882	-.195
90	101	-.467	.185	.145	-1.231	90	151	-.089	.046	.155	-.301	90	311	.203	.185	.928	-.191
90	102	-.327	.184	.093	-1.083	90	152	-.171	.112	.038	-.774	90	312	.106	.202	.872	-.416
90	103	-.236	.103	.031	-.759	90	153	-.155	.092	.043	-.703	90	313	.048	.102	.527	-.308
90	104	-.476	.174	.317	-1.417	90	154	-.111	.066	.066	-.544	90	314	.133	.115	.614	-.175
90	105	-.203	.097	.019	-.757	90	155	-.036	.045	.216	-.201	90	315	.274	.145	.823	-.067
90	106	-.456	.246	.407	-1.343	90	156	-.075	.043	.098	-.252	90	316	.324	.204	1.026	-.145
90	107	-.357	.204	.213	-1.218	90	157	-.082	.038	.109	-.250	90	317	.207	.176	.933	-.211
90	108	-.260	.128	.031	-.888	90	158	-.059	.048	.084	-.315	90	318	-.059	.104	.459	-.503
90	109	-.506	.231	.243	-1.329	90	159	-.072	.055	.145	-.413	90	319	.246	.168	.874	-.176
90	110	-.417	.213	.208	-1.151	90	160	-.062	.043	.100	-.259	90	320	.105	.202	.813	-.515
90	111	-.251	.126	.064	-.952	90	161	.009	.055	.288	-.152	90	321	.023	.090	.453	-.228
90	112	-.281	.096	-.027	-.729	90	201	-.299	.089	-.034	-.724	90	322	.105	.104	.597	-.181
90	113	-.501	.224	.219	-1.584	90	202	-.288	.093	.049	-.650	90	323	.193	.125	.757	-.110
90	114	-.132	.133	.223	-.838	90	203	-.306	.090	-.049	-.666	90	324	.255	.147	.835	-.133
90	115	-.260	.104	-.033	-.930	90	204	-.280	.084	-.013	-.815	90	325	.260	.163	.986	-.085
90	116	-.436	.256	.290	-1.384	90	205	-.267	.081	-.032	-.664	90	326	.238	.177	.919	-.181
90	117	-.329	.215	.250	-1.058	90	206	-.260	.077	-.037	-.559	90	327	.191	.178	.922	-.203
90	118	-.286	.183	.178	-.926	90	207	-.290	.083	-.032	-.681	90	328	.008	.096	.443	-.343
90	119	-.205	.101	.053	-.783	90	208	-.288	.085	-.049	-.677	90	329	.105	.107	.675	-.220
90	120	-.196	.070	-.002	-.707	90	209	-.283	.085	-.046	-.713	90	330	.200	.125	.865	-.093
90	121	-.234	.070	-.028	-.772	90	210	-.248	.073	-.042	-.719	90	331	.253	.139	.868	-.077
90	122	-.535	.284	.427	-1.915	90	211	-.276	.076	-.062	-.723	90	332	.280	.152	.912	-.064
90	123	-.473	.292	.387	-1.798	90	212	-.281	.080	-.043	-.740	90	333	.237	.159	.892	-.124
90	124	-.201	.178	.275	-.972	90	213	-.268	.075	-.065	-.665	90	334	.164	.165	.886	-.232
90	125	-.192	.107	.071	-.807	90	214	-.271	.088	-.040	-.856	90	335	-.015	.091	.376	-.391
90	126	-.204	.073	-.005	-.755	90	215	-.292	.107	.005	-1.060	90	336	.076	.096	.520	-.220
90	127	-.232	.067	-.043	-.726	90	216	-.307	.115	.018	-1.089	90	337	.239	.120	.685	-.067
90	128	-.395	.161	.174	-1.099	90	217	-.286	.124	-.016	-1.184	90	338	.207	.110	.687	-.062
90	129	-.407	.189	.209	-1.254	90	218	-.226	.120	.041	-1.157	90	339	.207	.113	.814	-.087
90	130	-.333	.190	.150	-1.198	90	219	-.281	.121	.019	-1.183	90	340	.158	.116	.850	-.151
90	131	-.252	.140	.065	-1.171	90	220	-.217	.093	-.030	-.984	90	341	.071	.128	.547	-.215
90	132	-.226	.094	.027	-.690	90	221	-.214	.097	-.002	-1.100	90	342	-.043	.069	.196	-.248
90	133	-.264	.095	.010	-.810	90	222	-.086	.046	.094	-.401	90	343	.040	.081	.382	-.180
90	134	-.368	.155	.145	-1.580	90	223	-.093	.055	.116	-.513	90	344	.121	.084	.483	-.104
90	135	-.357	.169	.149	-1.827	90	224	-.078	.051	.175	-.399	90	345	.141	.090	.593	-.078
90	136	-.280	.158	.134	-.933	90	225	-.110	.036	.015	-.245	90	346	.130	.090	.656	-.111
90	137	-.246	.122	.007	-.848	90	226	-.086	.037	.053	-.235	90	347	.074	.090	.739	-.174
90	138	-.236	.094	.005	-.773	90	227	-.114	.034	.004	-.240	90	348	.024	.091	.680	-.237
90	139	-.258	.099	-.004	-.952	90	228	-.063	.030	.066	-.181	90	349	-.061	.072	.234	-.330
90	140	-.290	.124	.035	-.989	90	229	-.106	.038	.036	-.264	90	350	.017	.073	.331	-.191
90	141	-.283	.133	.084	-1.155	90	301	.015	.089	.387	-.247	90	351	.077	.074	.405	-.100

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	352	.094	.069	.382	-.077	90	526	-.239	.089	0.000	-.901	90	576	-.044	.028	.138	-.133
90	353	.079	.065	.457	-.116	90	527	-.311	.111	-.007	-.977	90	577	-.046	.029	.128	-.143
90	354	.031	.061	.446	-.142	90	529	-.274	.095	-.024	-.679	90	578	-.044	.029	.125	-.133
90	355	-.032	.051	.172	-.206	90	529	-.286	.095	-.006	-.761	90	579	-.033	.030	.132	-.124
90	356	-.046	.059	.160	-.337	90	530	-.257	.101	-.012	-.898	90	580	-.034	.029	.102	-.113
90	357	.011	.060	.249	-.168	90	531	-.281	.098	-.056	-.960	90	701	-.270	.089	.006	-.777
90	358	.038	.059	.312	-.113	90	532	-.249	.083	-.029	-.728	90	702	-.289	.085	-.044	-.751
90	359	.038	.056	.339	-.109	90	533	-.259	.084	-.033	-.741	90	703	-.230	.087	.025	-.638
90	360	.011	.048	.222	-.149	90	534	-.285	.137	.017	-1.192	90	704	-.261	.083	.003	-.746
90	361	-.014	.041	.149	-.168	90	535	-.310	.123	.044	-.943	90	705	-.263	.079	-.027	-.699
90	362	-.039	.041	.157	-.248	90	536	-.296	.118	-.014	-1.139	90	706	-.282	.079	-.082	-.602
90	363	-.052	.058	.237	-.332	90	537	-.320	.128	-.041	-1.209	90	707	-.268	.078	-.059	-.595
90	364	.040	.052	.295	-.077	90	538	-.283	.059	-.141	-.572	90	708	-.293	.086	-.070	-.709
90	365	-.050	.036	.115	-.219	90	539	-.304	.111	-.066	-1.274	90	709	-.290	.083	-.055	-.756
90	366	-.062	.054	.242	-.251	90	540	-.295	.118	.015	-1.073	90	710	-.249	.073	-.012	-.757
90	367	-.024	.054	.268	-.180	90	541	-.311	.147	-.036	-1.072	90	711	-.260	.073	-.013	-.818
90	368	.031	.051	.305	-.097	90	542	-.279	.130	.010	-.908	90	712	-.271	.073	-.068	-.818
90	369	.063	.052	.310	-.070	90	543	-.307	.122	.027	-.962	90	713	-.259	.074	-.024	-.685
90	370	-.001	.041	.237	-.138	90	544	-.300	.118	.015	-1.122	90	714	-.254	.071	-.059	-.619
90	371	-.032	.036	.156	-.213	90	545	-.315	.114	-.056	-1.143	90	715	-.299	.104	-.067	-.826
90	372	-.052	.037	.115	-.287	90	546	-.277	.106	-.059	-1.234	90	716	-.298	.101	-.060	-.795
90	373	-.069	.043	.088	-.241	90	547	-.304	.097	-.102	-1.135	90	717	-.293	.118	-.019	-.839
90	374	-.016	.047	.240	-.203	90	548	-.214	.117	.082	-.908	90	718	-.277	.123	-.040	-1.074
90	375	.030	.047	.283	-.119	90	549	-.225	.102	.083	-.729	90	719	-.276	.113	-.046	-1.133
90	376	-.032	.037	.128	-.154	90	550	-.220	.097	.039	-.851	90	720	-.254	.111	-.009	-1.008
90	377	-.039	.040	.091	-.288	90	551	-.309	.122	-.036	-.979	90	721	-.219	.100	-.029	-1.079
90	501	-.285	.113	-.007	-.824	90	552	-.331	.139	-.018	-1.191	90	722	-.100	.046	.090	-.308
90	502	-.292	.096	-.037	-.767	90	553	-.352	.151	-.082	-1.695	90	723	-.118	.053	.017	-.635
90	503	-.282	.094	-.074	-.813	90	554	-.344	.143	-.086	-1.342	90	724	-.114	.051	.068	-.488
90	504	-.273	.089	-.074	-.888	90	555	-.131	.061	.020	-.533	90	725	-.078	.035	.072	-.201
90	505	-.246	.077	-.049	-.715	90	556	-.132	.060	.046	-.420	90	726	-.112	.042	.015	-.390
90	506	-.307	.112	-.070	-.835	90	557	-.159	.078	.088	-.543	90	727	-.109	.038	.049	-.343
90	507	-.278	.077	-.102	-.795	90	558	-.226	.107	.054	-.781	90	728	-.102	.047	.038	-.442
90	508	-.299	.103	-.052	-.871	90	559	-.313	.139	.025	-1.403	90	729	-.085	.036	.072	-.204
90	509	-.269	.085	-.020	-.696	90	560	-.335	.130	-.067	-.906	90	801	-.236	.076	.016	-.704
90	510	-.271	.083	-.053	-.758	90	561	-.338	.142	-.042	-1.147	90	802	-.211	.069	.011	-.613
90	511	-.254	.077	-.054	-.758	90	562	-.097	.030	.015	-.214	90	803	-.226	.063	-.016	-.584
90	512	-.278	.081	-.060	-.803	90	563	-.081	.029	.030	-.195	90	804	-.225	.066	-.035	-.661
90	514	-.284	.094	-.036	-.778	90	564	-.075	.027	.036	-.207	90	805	-.248	.076	-.030	-.809
90	515	-.228	.088	-.014	-.770	90	565	-.087	.031	.027	-.223	90	806	-.247	.074	-.003	-.537
90	516	-.205	.093	.016	-.768	90	566	-.130	.047	.018	-.340	90	807	-.247	.069	-.045	-.565
90	517	-.300	.099	-.071	-.838	90	567	-.210	.084	-.019	-.638	90	808	-.247	.077	-.013	-.646
90	518	-.251	.096	-.023	-.781	90	568	-.299	.159	.033	-1.142	90	809	-.245	.072	.000	-.589
90	519	-.290	.100	-.075	-.847	90	569	-.041	.028	.078	-.130	90	810	-.248	.066	-.019	-.606
90	520	-.284	.102	-.007	-.839	90	570	-.043	.026	.060	-.120	90	811	-.204	.065	-.035	-.502
90	521	-.238	.088	-.019	-.687	90	571	-.038	.028	.076	-.121	90	812	-.278	.074	-.092	-.672
90	522	-.260	.090	-.039	-.713	90	572	-.034	.025	.049	-.113	90	813	-.234	.074	-.012	-.698
90	523	-.289	.096	-.041	-.765	90	573	-.038	.029	.072	-.127	90	814	-.252	.074	-.033	-.849
90	524	-.200	.087	-.038	-.638	90	574	-.043	.027	.054	-.126	90	815	-.245	.064	-.062	-.669
90	525	-.267	.089	-.026	-.959	90	575	-.040	.026	.053	-.121	90	816	-.256	.061	-.091	-.620

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	817	-.264	.065	-.115	-.613	90	867	-.115	.044	-.002	-.395	100	31	-.040	.031	-.118	-.134
90	818	-.288	.077	-.049	-.736	90	868	-.126	.053	-.006	-.510	100	91	-.093	.021	-.022	-.192
90	819	-.297	.073	-.064	-.684	90	869	-.122	.059	-.003	-.587	100	92	-.106	.022	-.024	-.183
90	820	-.324	.079	-.125	-.758	90	870	-.129	.038	-.021	-.294	100	93	-.076	.025	-.014	-.265
90	821	-.248	.070	-.045	-.682	90	901	-.288	.092	-.013	-.740	100	94	-.114	.028	-.009	-.274
90	822	-.264	.082	-.017	-.691	90	902	-.289	.076	-.007	-.625	100	95	-.105	.024	-.015	-.265
90	823	-.267	.064	-.048	-.728	90	903	-.307	.078	-.116	-.763	100	101	-.497	.175	-.077	-1.479
90	824	-.264	.058	-.090	-.604	90	904	-.123	.118	-.598	-.204	100	102	-.470	.157	-.017	-1.168
90	825	-.258	.059	-.114	-.677	90	905	.260	.155	.894	-.122	100	103	-.339	.118	.001	-.791
90	826	-.243	.066	-.054	-.614	90	906	.234	.179	.855	-.159	100	104	-.349	.145	.032	-1.318
90	827	-.221	.079	-.020	-.643	90	907	-.290	.090	-.015	-.833	100	105	-.369	.142	.010	-1.066
90	828	-.258	.079	-.041	-.849	90	908	-.255	.072	-.041	-.571	100	106	-.480	.196	.044	-1.491
90	829	-.193	.067	-.035	-.523	90	909	-.273	.067	-.101	-.622	100	107	-.469	.157	-.033	-1.148
90	830	-.262	.058	-.082	-.686	90	910	.078	.104	.440	-.224	100	108	-.427	.139	-.093	-1.028
90	831	-.275	.064	-.078	-.684	90	911	.222	.138	.722	-.150	100	109	-.622	.208	-.055	-1.462
90	832	-.274	.070	-.070	-.672	90	912	.197	.151	.802	-.169	100	110	-.511	.180	.083	-1.352
90	833	-.280	.118	-.057	-1.006	90	913	-.311	.085	-.107	-.708	100	111	-.351	.135	.007	-1.034
90	834	-.285	.100	-.110	-.893	90	914	-.341	.103	.007	-.887	100	112	-.368	.122	-.047	-.882
90	835	-.286	.100	-.112	-.954	90	915	-.334	.105	-.046	-.832	100	113	-.652	.210	-.152	-1.661
90	836	-.258	.076	-.068	-.775	90	916	-.344	.126	-.040	-.996	100	114	-.333	.158	.101	-.980
90	837	-.245	.071	-.005	-.674	100	1	-.058	.023	.039	-.146	100	115	-.359	.129	-.018	-1.052
90	838	-.265	.082	-.003	-.849	100	2	-.035	.030	.064	-.158	100	116	-.616	.231	.064	-1.537
90	839	-.294	.112	-.099	-.920	100	3	.055	.084	.506	-.120	100	117	-.465	.179	.124	-1.343
90	840	-.279	.112	-.043	-1.052	100	4	.024	.036	.197	-.173	100	118	-.440	.166	.056	-1.288
90	841	-.253	.110	-.053	-.998	100	5	-.069	.023	.022	-.169	100	119	-.347	.134	-.026	-.993
90	842	-.239	.083	-.017	-.814	100	6	-.028	.030	.092	-.237	100	120	-.308	.111	-.002	-.827
90	843	-.210	.068	-.003	-.781	100	7	-.073	.020	.006	-.139	100	121	-.323	.110	-.028	-1.013
90	844	-.272	.098	-.031	-.797	100	8	-.071	.025	.039	-.227	100	122	-.723	.296	-.003	-1.996
90	845	-.234	.095	-.010	-.984	100	9	-.001	.053	.249	-.167	100	123	-.691	.274	.006	-1.948
90	846	-.190	.063	-.030	-.808	100	10	-.035	.034	.119	-.127	100	124	-.394	.183	.057	-1.416
90	847	-.198	.084	.005	-.783	100	11	-.050	.045	.122	-.258	100	125	-.339	.141	.025	-.978
90	848	-.188	.057	-.039	-.485	100	12	-.047	.028	.061	-.124	100	126	-.310	.107	-.040	-.798
90	849	-.192	.073	-.015	-.561	100	13	-.011	.028	.077	-.159	100	127	-.315	.102	-.060	-.941
90	850	-.196	.075	.001	-.622	100	14	-.074	.024	.004	-.156	100	128	-.484	.146	-.089	-1.287
90	851	-.195	.085	.012	-.718	100	15	-.070	.024	.036	-.172	100	129	-.513	.160	-.061	-1.376
90	852	-.188	.064	-.020	-.531	100	16	-.034	.026	.108	-.139	100	130	-.489	.166	0.000	-1.190
90	853	-.156	.050	-.033	-.514	100	17	-.024	.027	.110	-.104	100	131	-.392	.147	-.031	-1.066
90	854	-.150	.053	-.009	-.464	100	18	-.009	.027	.157	-.061	100	132	-.311	.124	.054	-.832
90	855	-.134	.050	-.005	-.427	100	19	-.066	.022	.012	-.169	100	133	-.333	.126	.058	-1.013
90	856	-.158	.054	.013	-.454	100	20	-.074	.025	.006	-.232	100	134	-.482	.161	.028	-1.281
90	857	-.183	.069	-.040	-.650	100	21	-.084	.028	-.006	-.252	100	135	-.483	.169	.072	-1.432
90	858	-.158	.052	-.037	-.487	100	22	-.049	.024	.053	-.126	100	136	-.410	.174	.050	-1.195
90	859	-.152	.063	-.018	-.564	100	23	-.067	.027	.042	-.189	100	137	-.335	.145	-.000	-.983
90	860	-.153	.046	-.051	-.426	100	24	-.077	.022	.012	-.179	100	138	-.293	.115	-.013	-.806
90	861	-.141	.047	-.033	-.451	100	25	-.057	.026	.056	-.144	100	139	-.299	.112	-.018	-.902
90	862	-.168	.059	-.009	-.545	100	26	-.072	.023	.008	-.160	100	140	-.365	.144	-.079	-1.456
90	863	-.115	.043	.022	-.394	100	27	-.066	.024	.034	-.134	100	141	-.353	.148	.015	-1.426
90	864	-.175	.058	-.018	-.552	100	28	-.052	.029	.093	-.140	100	142	-.274	.133	.111	-1.126
90	865	-.094	.035	.010	-.235	100	29	-.126	.063	.022	-.633	100	143	-.226	.105	.029	-.971
90	866	-.136	.042	-.005	-.423	100	30	-.048	.029	.076	-.167	100	144	-.204	.077	-.025	-.654

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	145	-.217	.077	-.033	-.810	100	305	.211	.157	.901	-.234	100	355	-.068	.049	.160	-.205
100	146	-.141	.067	-.094	-.537	100	306	.097	.115	.518	-.278	100	356	-.003	.040	.181	-.192
100	147	-.176	.069	.051	-.661	100	307	.221	.151	.764	-.280	100	357	-.050	.045	.224	-.189
100	148	-.162	.066	.095	-.574	100	308	-.045	.098	.356	-.397	100	358	-.018	.049	.291	-.163
100	149	-.137	.059	.063	-.701	100	309	.115	.120	.598	-.174	100	359	-.012	.049	.270	-.154
100	150	-.068	.042	.101	-.334	100	310	.287	.169	.893	-.147	100	360	.062	.042	.264	-.077
100	151	-.101	.039	.097	-.319	100	311	.216	.162	.777	-.207	100	361	-.042	.039	.134	-.228
100	152	-.128	.056	.013	-.494	100	312	.079	.158	.758	-.405	100	362	-.064	.039	.173	-.208
100	153	-.122	.051	.033	-.428	100	313	.065	.097	.491	-.223	100	363	-.078	.040	.087	-.263
100	154	-.109	.056	.154	-.565	100	314	.153	.119	.587	-.210	100	364	.035	.052	.243	-.090
100	155	-.068	.032	.085	-.174	100	315	.333	.167	.950	-.110	100	365	-.065	.033	.092	-.189
100	156	-.082	.030	.075	-.194	100	316	.352	.181	.932	-.238	100	366	-.085	.038	.178	-.223
100	157	-.089	.027	.061	-.185	100	317	.188	.157	.761	-.195	100	367	-.060	.036	.202	-.169
100	158	-.044	.034	.054	-.259	100	318	-.040	.097	.368	-.426	100	368	.073	.039	.257	-.023
100	159	-.080	.038	.119	-.348	100	319	.280	.180	.996	-.127	100	369	.030	.056	.295	-.088
100	160	-.074	.034	.080	-.244	100	320	.086	.156	.659	-.451	100	370	-.032	.033	.133	-.123
100	161	-.034	.044	.241	-.144	100	321	.060	.098	.506	-.219	100	371	-.051	.031	.085	-.139
100	201	-.329	.090	-.050	-.767	100	322	.156	.122	.696	-.118	100	372	.017	.029	.123	-.114
100	202	-.321	.107	-.011	-.783	100	323	.260	.151	.877	-.059	100	373	-.082	.033	.046	-.228
100	203	-.337	.093	-.081	-.783	100	324	.321	.170	.961	-.035	100	374	-.050	.039	.111	-.175
100	204	-.302	.086	-.050	-.744	100	325	.320	.163	.963	-.103	100	375	-.002	.044	.225	-.121
100	205	-.297	.089	-.058	-.718	100	326	.263	.157	.864	-.144	100	376	.045	.037	.213	-.081
100	206	-.292	.082	-.060	-.726	100	327	.176	.142	.774	-.218	100	377	-.045	.035	.114	-.208
100	207	-.328	.094	-.080	-.780	100	328	.031	.091	.401	-.281	100	501	-.311	.121	.100	-.953
100	208	-.342	.106	-.052	-.854	100	329	.143	.117	.585	-.146	100	502	-.310	.100	-.079	-1.111
100	209	-.321	.092	-.064	-.746	100	330	.247	.147	.825	-.095	100	503	-.299	.095	-.097	-1.122
100	210	-.283	.081	-.069	-.641	100	331	.304	.165	.944	-.066	100	504	-.285	.086	-.087	-.839
100	211	-.310	.087	-.079	-.681	100	332	.313	.167	.988	-.067	100	505	-.272	.085	-.092	-.821
100	212	-.316	.089	-.025	-.758	100	333	.264	.155	.849	-.158	100	506	-.352	.127	-.083	-.955
100	213	-.301	.084	-.070	-.707	100	334	.142	.141	.753	-.337	100	507	-.300	.076	-.110	-.721
100	214	-.307	.101	.022	-.861	100	335	-.028	.078	.315	-.309	100	508	-.321	.107	-.068	-.870
100	215	-.301	.094	-.008	-.759	100	336	.079	.090	.526	-.158	100	509	-.308	.095	-.060	-.708
100	216	-.320	.108	-.020	-.909	100	337	.266	.145	.788	-.078	100	510	-.311	.096	-.048	-.824
100	217	-.310	.105	-.055	-.880	100	338	.231	.135	.778	-.067	100	511	-.337	.090	-.075	-.830
100	218	-.253	.117	.044	-1.017	100	339	.235	.138	.820	-.069	100	512	-.310	.089	-.060	-.826
100	219	-.322	.123	-.020	-1.103	100	340	.160	.122	.686	-.153	100	514	-.303	.103	-.048	-.765
100	220	-.226	.080	-.040	-.619	100	341	.050	.110	.506	-.288	100	515	-.256	.091	-.048	-.767
100	221	-.216	.084	.000	-.717	100	342	-.071	.058	.206	-.283	100	516	-.232	.094	-.033	-.708
100	222	-.053	.037	.118	-.239	100	343	.023	.078	.374	-.211	100	517	-.331	.116	-.025	-.971
100	223	-.105	.043	.104	-.333	100	344	.112	.095	.649	-.106	100	518	-.272	.098	-.014	-.868
100	224	-.085	.044	.118	-.304	100	345	.151	.116	.829	-.100	100	519	-.316	.099	-.060	-.872
100	225	-.108	.026	.033	-.213	100	346	.148	.120	.781	-.121	100	520	-.316	.112	-.039	-.974
100	226	-.061	.028	.079	-.165	100	347	.081	.108	.704	-.180	100	521	-.272	.112	.017	-1.043
100	227	-.113	.024	.016	-.206	100	348	.010	.097	.568	-.271	100	522	-.291	.103	-.037	-.931
100	228	-.068	.024	.045	-.165	100	349	-.105	.057	.136	-.364	100	523	-.320	.104	-.088	-1.014
100	229	-.105	.025	.004	-.211	100	350	-.025	.064	.276	-.211	100	524	-.230	.096	.030	-1.032
100	301	.044	.096	.428	-.214	100	351	.036	.077	.390	-.144	100	525	-.294	.088	-.062	-.912
100	302	.117	.115	.592	-.184	100	352	.060	.081	.440	-.113	100	526	-.268	.091	-.030	-.941
100	303	.175	.142	.615	-.156	100	353	.030	.074	.427	-.165	100	527	-.331	.115	-.076	-.978
100	304	.234	.158	.846	-.204	100	354	-.014	.064	.314	-.210	100	528	-.317	.106	-.024	-.793

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	529	-.326	.102	-.059	-.822	100	579	-.067	.025	.050	-.146	100	820	-.348	.084	-.093	-.793
100	530	-.294	.100	-.040	-.816	100	580	-.069	.023	.018	-.138	100	821	-.276	.076	-.069	-.735
100	531	-.320	.096	-.076	-.831	100	701	-.277	.094	.031	-.726	100	822	-.294	.079	-.098	-.795
100	532	-.286	.088	-.081	-.756	100	702	-.307	.085	-.067	-.723	100	823	-.288	.065	-.111	-.728
100	533	-.296	.088	-.102	-.774	100	703	-.249	.091	.015	-.655	100	824	-.278	.056	-.126	-.645
100	534	-.322	.129	.012	-1.124	100	704	-.293	.094	-.022	-.713	100	825	-.279	.062	-.039	-.651
100	535	-.353	.123	-.022	-1.132	100	705	-.295	.088	.036	-.618	100	826	-.274	.076	-.059	-.769
100	536	-.332	.116	.013	-.934	100	706	-.315	.086	-.093	-.719	100	827	-.267	.093	-.031	-.770
100	537	-.350	.116	-.013	-1.164	100	707	-.322	.087	-.083	-.759	100	828	-.292	.084	-.065	-.718
100	538	-.311	.056	-.176	-.543	100	708	-.335	.100	-.101	-.828	100	829	-.223	.069	-.009	-.610
100	539	-.338	.101	-.100	-1.066	100	709	-.328	.088	-.100	-.805	100	830	-.269	.053	-.084	-.617
100	540	-.324	.099	-.051	-.914	100	710	-.291	.079	-.097	-.626	100	831	-.282	.063	-.101	-.611
100	541	-.352	.149	.017	-1.118	100	711	-.295	.079	-.069	-.675	100	832	-.283	.070	-.099	-.650
100	542	-.314	.131	.045	-.985	100	712	-.300	.077	-.040	-.670	100	833	-.281	.099	-.039	-.947
100	543	-.356	.130	.030	-1.002	100	713	-.302	.082	-.104	-.720	100	834	-.285	.084	-.120	-.794
100	544	-.362	.132	-.007	-1.060	100	714	-.284	.078	-.074	-.628	100	835	-.283	.082	-.103	-.823
100	545	-.378	.128	-.133	-1.049	100	715	-.309	.092	-.084	-.804	100	836	-.257	.063	-.094	-.606
100	546	-.335	.118	-.094	-.968	100	716	-.303	.083	-.098	-.642	100	837	-.254	.065	-.032	-.556
100	547	-.365	.108	-.144	-.958	100	717	-.312	.107	-.019	-.847	100	838	-.277	.076	-.023	-.591
100	548	-.177	.097	.045	-.902	100	718	-.307	.112	-.012	-.872	100	839	-.309	.083	-.134	-.713
100	549	-.196	.097	.071	-.746	100	719	-.307	.106	-.016	-.921	100	840	-.322	.116	-.082	-.809
100	550	-.216	.110	.055	-.891	100	720	-.271	.110	-.047	-.912	100	841	-.250	.079	-.080	-.698
100	551	-.326	.142	.147	-1.174	100	721	-.233	.096	-.019	-.905	100	842	-.260	.078	-.030	-.575
100	552	-.385	.162	-.039	-1.354	100	722	-.111	.039	.086	-.358	100	843	-.225	.067	-.044	-.669
100	553	-.395	.154	-.082	-1.719	100	723	-.119	.044	.014	-.375	100	844	-.293	.093	-.039	-.704
100	554	-.388	.145	-.084	-1.675	100	724	-.125	.047	.010	-.448	100	845	-.238	.111	-.041	-1.267
100	555	-.122	.044	.050	-.611	100	725	-.073	.029	.040	-.164	100	846	-.176	.056	-.002	-.660
100	556	-.116	.049	.051	-.452	100	726	-.120	.030	.010	-.290	100	847	-.194	.089	.028	-.858
100	557	-.129	.063	.067	-.485	100	727	-.119	.027	.016	-.266	100	848	-.177	.052	-.044	-.524
100	558	-.181	.095	.122	-.748	100	728	-.097	.031	.007	-.361	100	849	-.176	.065	-.033	-.557
100	559	-.270	.130	.012	-.994	100	729	-.080	.030	.058	-.180	100	850	-.162	.051	-.030	-.580
100	560	-.320	.128	-.107	-1.011	100	801	-.258	.080	.019	-.606	100	851	-.169	.079	.028	-.600
100	561	-.323	.138	-.085	-1.183	100	802	-.271	.073	-.018	-.578	100	852	-.156	.041	-.026	-.414
100	562	-.104	.023	-.000	-.250	100	803	-.240	.065	-.013	-.546	100	853	-.132	.031	-.010	-.288
100	563	-.090	.024	.017	-.251	100	804	-.226	.062	-.033	-.524	100	854	-.130	.033	-.025	-.299
100	564	-.087	.024	.013	-.186	100	805	-.248	.070	-.022	-.608	100	855	-.111	.031	-.021	-.292
100	565	-.096	.026	.011	-.201	100	806	-.275	.073	-.036	-.684	100	856	-.137	.033	-.031	-.305
100	566	-.125	.037	.007	-.354	100	807	-.255	.070	-.048	-.630	100	857	-.139	.033	-.038	-.356
100	567	-.167	.060	.012	-.575	100	808	-.289	.081	-.059	-.631	100	858	-.133	.028	-.027	-.278
100	568	-.214	.106	.005	-.922	100	809	-.268	.074	-.009	-.619	100	859	-.121	.033	-.013	-.310
100	569	-.070	.025	.035	-.140	100	810	-.276	.066	.005	-.626	100	860	-.131	.025	-.044	-.245
100	570	-.072	.024	.028	-.141	100	811	-.217	.067	-.033	-.694	100	861	-.125	.029	-.031	-.298
100	571	-.068	.025	.043	-.136	100	812	-.290	.079	-.063	-.692	100	862	-.144	.038	-.043	-.456
100	572	-.066	.021	.015	-.143	100	813	-.305	.078	-.098	-.781	100	863	-.108	.035	.020	-.341
100	573	-.069	.024	.024	-.209	100	814	-.277	.075	-.070	-.803	100	864	-.151	.037	-.055	-.451
100	574	-.073	.023	.028	-.141	100	815	-.263	.064	-.078	-.650	100	865	-.099	.028	-.007	-.280
100	575	-.069	.023	.027	-.133	100	816	-.266	.061	-.089	-.598	100	866	-.120	.026	-.008	-.369
100	576	-.072	.024	.046	-.140	100	817	-.304	.066	-.098	-.713	100	867	-.116	.034	-.022	-.344
100	577	-.073	.025	.043	-.148	100	818	-.326	.077	-.090	-.680	100	868	-.131	.044	-.016	-.399
100	578	-.075	.025	.028	-.146	100	819	-.323	.073	-.140	-.716	100	869	-.123	.046	-.012	-.450

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
100	870	-.120	.023	-.024	-.226	110	93	-.086	.021	-.002	-.153	110	148	-.147	.048	-.022	-.474
100	901	-.333	.103	-.029	-.822	110	94	-.121	.022	-.032	-.199	110	149	-.129	.042	.005	-.378
100	902	-.324	.077	-.098	-.756	110	95	-.114	.020	-.030	-.192	110	150	-.077	.030	.049	-.249
100	903	-.341	.079	-.093	-.699	110	101	-.393	.139	-.025	-1.116	110	151	-.105	.026	.033	-.218
100	904	.167	.128	.653	-.162	110	102	-.406	.130	.045	-.987	110	152	-.122	.046	.010	-.407
100	905	.319	.166	.950	-.080	110	103	-.322	.116	-.024	-.834	110	153	-.118	.042	.003	-.335
100	906	.279	.175	1.029	-.155	110	104	-.334	.126	-.012	-.980	110	154	-.099	.032	.019	-.258
100	907	-.308	.094	-.058	-.770	110	105	-.335	.119	-.047	-.893	110	155	-.079	.025	.043	-.151
100	908	-.297	.075	-.054	-.695	110	106	-.352	.140	-.053	-1.141	110	156	-.096	.023	-.004	-.172
100	909	-.301	.068	-.117	-.688	110	107	-.396	.134	-.038	-1.218	110	157	-.105	.021	-.032	-.168
100	910	.123	.116	.591	-.179	110	108	-.394	.131	-.015	-.952	110	158	-.050	.029	.061	-.206
100	911	.260	.146	.714	-.090	110	109	-.464	.174	-.027	-1.207	110	159	-.088	.029	.021	-.228
100	912	.225	.153	.730	-.200	110	110	-.417	.150	-.024	-1.063	110	160	-.081	.026	.008	-.177
100	913	-.336	.082	-.113	-.723	110	111	-.335	.127	-.043	-.921	110	161	-.058	.031	.120	-.148
100	914	-.357	.102	-.112	-.926	110	112	-.351	.112	-.060	-.786	110	201	-.289	.081	-.052	-.639
100	915	-.329	.093	-.101	-.778	110	113	-.480	.176	-.084	-1.260	110	202	-.297	.097	-.016	-.745
100	916	-.329	.105	-.082	-.875	110	114	-.292	.120	.005	-.879	110	203	-.311	.090	-.037	-.793
110	1	-.069	.020	.017	-.132	110	115	-.334	.116	-.033	-.991	110	204	-.286	.082	-.038	-.669
110	2	-.035	.023	.051	-.126	110	116	-.523	.199	-.054	-1.375	110	205	-.277	.079	-.055	-.664
110	3	-.015	.043	.305	-.131	110	117	-.438	.156	.007	-1.392	110	206	-.267	.070	-.012	-.579
110	4	.002	.024	.131	-.086	110	118	-.420	.143	-.035	-1.309	110	207	-.287	.075	-.085	-.672
110	5	-.073	.020	.014	-.139	110	119	-.367	.125	-.060	-.981	110	208	-.308	.086	-.080	-.721
110	6	-.038	.023	.063	-.145	110	120	-.310	.106	.015	-.800	110	209	-.285	.075	.002	-.627
110	7	-.080	.019	.004	-.151	110	121	-.330	.114	.018	-.964	110	210	-.272	.069	-.037	-.565
110	8	-.072	.021	-.005	-.149	110	122	-.533	.227	-.086	-1.977	110	211	-.297	.073	-.044	-.620
110	9	-.042	.030	.076	-.166	110	123	-.525	.209	-.058	-1.453	110	212	-.298	.074	-.073	-.678
110	10	-.065	.024	.033	-.136	110	124	-.365	.141	-.030	-1.184	110	213	-.287	.069	-.067	-.604
110	11	-.041	.033	.083	-.189	110	125	-.337	.125	-.028	-.915	110	214	-.288	.081	-.057	-.619
110	12	-.064	.023	.037	-.143	110	126	-.312	.109	-.030	-1.068	110	215	-.293	.084	-.082	-.691
110	13	-.014	.024	.086	-.114	110	127	-.317	.111	-.058	-1.088	110	216	-.306	.098	-.066	-.795
110	14	-.074	.021	.025	-.159	110	128	-.420	.130	-.124	-1.068	110	217	-.256	.083	-.062	-.682
110	15	-.073	.021	.026	-.132	110	129	-.447	.141	-.107	-1.196	110	218	-.207	.087	-.010	-.764
110	16	-.044	.021	.035	-.117	110	130	-.420	.146	-.038	-1.119	110	219	-.260	.092	-.049	-.752
110	17	-.036	.022	.049	-.114	110	131	-.358	.134	-.043	-.941	110	220	-.173	.057	-.059	-.516
110	18	-.008	.021	.072	-.079	110	132	-.298	.117	-.059	-.939	110	221	-.165	.054	.085	-.511
110	19	-.072	.019	-.008	-.132	110	133	-.322	.126	-.077	-1.224	110	222	-.069	.028	.075	-.177
110	20	-.074	.021	-.006	-.143	110	134	-.386	.131	-.068	-1.314	110	223	-.113	.033	.050	-.240
110	21	-.085	.023	-.011	-.183	110	135	-.383	.141	-.067	-1.429	110	224	-.094	.030	.037	-.202
110	22	-.064	.022	.034	-.146	110	136	-.319	.150	-.007	-1.402	110	225	-.119	.020	-.037	-.188
110	23	-.072	.024	.027	-.170	110	137	-.262	.114	.010	-.839	110	226	-.073	.022	.021	-.173
110	24	-.083	.019	-.026	-.144	110	138	-.233	.087	-.025	-.666	110	227	-.121	.018	-.054	-.189
110	25	-.076	.020	-.015	-.138	110	139	-.243	.085	-.050	-.772	110	228	-.077	.018	-.007	-.126
110	26	-.075	.019	-.013	-.137	110	140	-.252	.102	-.029	-1.170	110	229	-.120	.022	-.026	-.184
110	27	-.077	.020	-.011	-.150	110	141	-.248	.107	-.032	-1.229	110	301	.076	.118	.662	-.244
110	28	-.075	.021	.010	-.139	110	142	-.179	.093	.011	-.755	110	302	.136	.132	.754	-.195
110	29	-.120	.045	-.010	-.405	110	143	-.182	.071	.004	-.735	110	303	.161	.137	.760	-.193
110	30	-.068	.021	.002	-.132	110	144	-.171	.052	.015	-.545	110	304	.159	.149	.742	-.246
110	31	-.065	.021	.023	-.127	110	145	-.178	.055	-.020	-.546	110	305	.114	.137	.730	-.259
110	91	-.106	.018	-.045	-.167	110	146	-.131	.048	-.013	-.392	110	306	.094	.128	.668	-.246
110	92	-.117	.017	-.058	-.195	110	147	-.164	.049	-.020	-.445	110	307	.110	.133	.598	-.239

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
110	300	-.025	.126	.485	-.452	110	358	-.032	.041	.166	-.163	110	532	-.342	.129	-.079	-1.071
110	309	.114	.142	.689	-.266	110	359	-.028	.042	.143	-.167	110	533	-.351	.130	-.097	-1.055
110	310	.202	.154	.793	-.169	110	360	-.019	.040	.140	-.165	110	534	-.261	.109	-.015	-.907
110	311	.112	.135	.643	-.249	110	361	-.057	.037	.088	-.191	110	535	-.293	.103	-.015	-.766
110	312	-.016	.125	.446	-.450	110	362	-.074	.036	.103	-.241	110	536	-.285	.108	.003	-.969
110	313	.076	.121	.548	-.359	110	363	-.079	.039	.126	-.228	110	537	-.344	.129	.040	-1.093
110	314	.164	.137	.680	-.281	110	364	-.006	.040	.221	-.113	110	538	-.340	.075	-.167	-.624
110	315	.257	.152	.925	-.107	110	365	-.075	.032	.095	-.191	110	539	-.378	.139	-.110	-1.161
110	316	.213	.154	.877	-.207	110	366	-.083	.036	.123	-.215	110	540	-.349	.121	-.038	-1.075
110	317	.096	.129	.638	-.233	110	367	-.065	.037	.154	-.182	110	541	-.209	.082	-.006	-.884
110	318	-.033	.122	.525	-.499	110	368	-.014	.034	.145	-.106	110	542	-.184	.077	.035	-.641
110	319	.233	.170	.932	-.229	110	369	-.015	.038	.164	-.128	110	543	-.240	.087	.052	-.715
110	320	-.001	.133	.527	-.403	110	370	-.041	.032	.146	-.143	110	544	-.275	.107	-.004	-1.009
110	321	.074	.127	.642	-.325	110	371	-.058	.032	.100	-.167	110	545	-.335	.125	-.054	-1.070
110	322	.160	.147	.714	-.211	110	372	-.044	.030	.088	-.177	110	546	-.317	.128	-.052	-1.161
110	323	.231	.159	.840	-.167	110	373	-.086	.030	.034	-.209	110	547	-.349	.119	-.118	-1.036
110	324	.252	.157	.855	-.095	110	374	-.066	.030	.068	-.170	110	548	-.136	.051	.058	-.570
110	325	.208	.138	.901	-.185	110	375	-.031	.035	.202	-.131	110	549	-.148	.047	.106	-.403
110	326	.143	.129	.791	-.265	110	376	-.029	.031	.135	-.125	110	550	-.136	.052	.032	-.405
110	327	.072	.118	.629	-.381	110	377	-.066	.028	.061	-.169	110	551	-.208	.074	.017	-.744
110	328	.039	.119	.473	-.273	110	501	-.295	.122	.051	-.814	110	552	-.242	.089	-.056	-.912
110	329	.139	.142	.763	-.195	110	502	-.310	.108	.005	-1.016	110	553	-.282	.099	-.013	-.972
110	330	.211	.151	.898	-.104	110	503	-.330	.117	-.042	-.984	110	554	-.281	.094	-.046	-.882
110	331	.230	.147	.847	-.099	110	504	-.315	.112	-.045	-.961	110	555	-.118	.027	-.026	-.312
110	332	.212	.138	.758	-.081	110	505	-.305	.103	-.084	-.840	110	556	-.123	.028	-.028	-.270
110	333	.135	.125	.720	-.164	110	506	-.344	.123	.017	-.928	110	557	-.129	.035	.008	-.313
110	334	.045	.115	.569	-.260	110	507	-.328	.114	-.071	-.887	110	558	-.159	.049	-.013	-.490
110	335	-.050	.091	.412	-.307	110	508	-.335	.124	.012	-1.052	110	559	-.197	.064	-.028	-.596
110	336	.029	.100	.604	-.212	110	509	-.313	.098	-.028	-.855	110	560	-.211	.051	-.071	-.573
110	337	.135	.110	.588	-.126	110	510	-.339	.112	-.051	-1.081	110	561	-.211	.058	-.075	-.627
110	338	.133	.113	.633	-.138	110	511	-.350	.113	-.092	-1.107	110	562	-.111	.017	-.049	-.162
110	339	.108	.105	.672	-.129	110	512	-.338	.111	-.105	-1.042	110	563	-.100	.018	-.028	-.159
110	340	.047	.094	.587	-.195	110	514	-.298	.107	.017	-.804	110	564	-.097	.019	-.030	-.197
110	341	-.041	.093	.431	-.343	110	515	-.297	.113	-.024	-.807	110	565	-.100	.021	-.034	-.206
110	342	-.098	.057	.214	-.280	110	516	-.293	.127	-.016	-.965	110	566	-.120	.026	-.036	-.249
110	343	-.040	.071	.385	-.241	110	517	-.322	.109	-.051	-.783	110	567	-.148	.042	-.053	-.350
110	344	.019	.075	.436	-.154	110	518	-.321	.127	-.005	-1.029	110	568	-.195	.074	-.045	-.606
110	345	.030	.072	.479	-.132	110	519	-.371	.144	-.083	-1.099	110	569	-.085	.019	-.018	-.143
110	346	.020	.067	.423	-.153	110	520	-.292	.100	-.017	-.816	110	570	-.087	.018	-.021	-.144
110	347	-.027	.063	.341	-.200	110	521	-.279	.109	-.002	-.824	110	571	-.084	.019	-.018	-.146
110	348	-.072	.064	.248	-.288	110	522	-.285	.098	-.002	-.726	110	572	-.080	.017	-.025	-.144
110	349	-.102	.046	.137	-.335	110	523	-.344	.113	-.042	-.963	110	573	-.082	.020	-.018	-.156
110	350	-.059	.049	.214	-.257	110	524	-.291	.125	-.002	-1.007	110	574	-.084	.020	-.013	-.144
110	351	-.024	.051	.339	-.152	110	525	-.358	.121	-.079	-.920	110	575	-.080	.019	-.013	-.139
110	352	-.011	.050	.382	-.156	110	526	-.354	.141	-.042	-1.106	110	576	-.085	.018	-.003	-.141
110	353	-.021	.048	.221	-.155	110	527	-.323	.114	-.024	-.923	110	577	-.086	.019	-.008	-.143
110	354	-.054	.044	.202	-.195	110	528	-.298	.105	-.039	-.729	110	578	-.087	.019	-.016	-.144
110	355	-.093	.037	.146	-.210	110	529	-.325	.111	-.034	-.772	110	579	-.080	.019	-.016	-.136
110	356	-.062	.041	.105	-.243	110	530	-.324	.121	-.022	-.868	110	580	-.080	.020	-.008	-.146
110	357	-.058	.042	.137	-.211	110	531	-.374	.131	-.034	-1.120	110	701	-.254	.081	-.027	-.595

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAK	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAK	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAK	CPMIN
110	702	-.284	.076	-.076	-.690	110	823	-.280	.053	-.143	-.559	110	903	-.303	.071	-.081	-.728
110	703	-.229	.081	-.017	-.640	110	824	-.271	.057	-.137	-.671	110	904	.124	.129	.611	-.187
110	704	-.274	.085	.029	-.700	110	825	-.267	.069	-.086	-.596	110	905	.206	.144	.753	-.119
110	705	-.265	.078	.005	-.632	110	826	-.249	.075	-.047	-.564	110	906	.175	.146	.776	-.119
110	706	-.296	.075	-.099	-.745	110	827	-.235	.068	-.026	-.506	110	907	-.289	.087	-.010	-.668
110	707	-.294	.073	-.079	-.619	110	828	-.264	.061	-.089	-.635	110	908	-.266	.058	-.058	-.551
110	708	-.328	.091	-.084	-.838	110	829	-.191	.047	-.040	-.445	110	909	-.272	.067	-.079	-.780
110	709	-.312	.084	-.086	-.784	110	830	-.250	.051	-.101	-.527	110	910	.100	.129	.655	-.187
110	710	-.277	.075	-.029	-.616	110	831	-.270	.070	-.067	-.671	110	911	.195	.138	.807	-.153
110	711	-.280	.070	-.028	-.550	110	832	-.268	.077	-.048	-.664	110	912	.135	.141	.708	-.225
110	712	-.285	.069	-.004	-.551	110	833	-.259	.076	-.071	-.621	110	913	-.325	.093	-.104	-.784
110	713	-.287	.077	-.055	-.616	110	834	-.259	.064	-.119	-.562	110	914	-.345	.102	-.095	-.885
110	714	-.267	.071	-.103	-.554	110	835	-.250	.058	-.113	-.536	110	915	-.315	.083	-.096	-.725
110	715	-.293	.091	-.104	-.766	110	836	-.228	.051	-.086	-.536	110	916	-.312	.093	-.082	-.848
110	716	-.285	.079	-.095	-.681	110	837	-.226	.066	-.066	-.638	120	1	-.085	.019	.005	-.158
110	717	-.252	.085	-.053	-.797	110	838	-.245	.073	-.061	-.668	120	2	-.049	.026	.062	-.184
110	718	-.241	.083	-.071	-.618	110	839	-.229	.060	-.105	-.516	120	3	-.022	.048	.270	-.138
110	719	-.243	.078	-.079	-.595	110	840	-.273	.086	-.117	-.660	120	4	-.008	.027	.173	-.108
110	720	-.190	.057	-.077	-.572	110	841	-.182	.046	-.077	-.512	120	5	-.086	.021	-.003	-.154
110	721	-.164	.050	-.057	-.524	110	842	-.211	.067	-.040	-.829	120	6	-.049	.021	.030	-.131
110	722	-.125	.026	-.007	-.274	110	843	-.179	.049	-.061	-.480	120	7	-.093	.018	-.015	-.171
110	723	-.120	.029	-.020	-.513	110	844	-.231	.072	-.052	-.800	120	8	-.089	.021	-.014	-.180
110	724	-.121	.028	-.018	-.323	110	845	-.184	.057	-.061	-1.185	120	9	-.051	.032	.067	-.155
110	725	-.101	.021	-.020	-.212	110	846	-.154	.030	-.058	-.325	120	10	-.072	.023	.065	-.141
110	726	-.137	.020	-.064	-.211	110	847	-.148	.042	-.038	-.424	120	11	-.053	.031	.051	-.220
110	727	-.136	.018	-.067	-.189	110	848	-.159	.030	-.078	-.343	120	12	-.075	.021	.000	-.137
110	728	-.119	.022	-.038	-.272	110	849	-.153	.036	-.041	-.421	120	13	-.026	.020	.032	-.131
110	729	-.111	.021	-.005	-.221	110	850	-.155	.031	-.061	-.336	120	14	-.089	.020	-.018	-.158
110	801	-.243	.067	-.010	-.614	110	851	-.133	.040	-.016	-.406	120	15	-.086	.019	-.019	-.159
110	802	-.244	.061	-.054	-.591	110	852	-.158	.028	-.062	-.371	120	16	-.054	.020	.019	-.134
110	803	-.223	.060	-.060	-.496	110	853	-.139	.021	-.061	-.279	120	17	-.046	.021	.019	-.138
110	804	-.217	.070	.030	-.596	110	854	-.133	.021	-.050	-.253	120	18	-.017	.019	.046	-.088
110	805	-.242	.081	.039	-.673	110	855	-.116	.020	-.038	-.213	120	19	-.087	.018	-.015	-.145
110	806	-.239	.057	-.071	-.494	110	856	-.143	.022	-.065	-.260	120	20	-.088	.020	-.018	-.177
110	807	-.236	.070	-.024	-.539	110	857	-.144	.022	-.066	-.256	120	21	-.099	.022	-.013	-.225
110	808	-.271	.067	-.042	-.719	110	858	-.137	.019	-.071	-.223	120	22	-.078	.020	.012	-.165
110	809	-.248	.062	-.019	-.569	110	859	-.122	.021	-.046	-.206	120	23	-.085	.022	-.008	-.194
110	810	-.242	.057	-.008	-.522	110	860	-.142	.019	-.078	-.205	120	24	-.092	.018	-.026	-.164
110	811	-.216	.081	.014	-.655	110	861	-.134	.020	-.066	-.216	120	25	-.082	.018	-.020	-.152
110	812	-.274	.084	-.028	-.717	110	862	-.141	.021	-.079	-.246	120	26	-.086	.018	-.021	-.160
110	813	-.279	.063	-.074	-.567	110	863	-.110	.020	-.041	-.236	120	27	-.085	.019	-.018	-.155
110	814	-.263	.061	-.080	-.557	110	864	-.151	.021	-.088	-.252	120	28	-.081	.020	-.002	-.189
110	815	-.241	.055	-.058	-.463	110	865	-.092	.017	-.037	-.164	120	29	-.140	.046	-.029	-.394
110	816	-.254	.067	-.087	-.642	110	866	-.130	.018	-.071	-.190	120	30	-.077	.020	-.005	-.147
110	817	-.274	.073	-.097	-.671	110	867	-.117	.021	-.052	-.204	120	31	-.070	.020	.007	-.190
110	818	-.308	.069	-.104	-.659	110	868	-.127	.025	-.053	-.232	120	91	-.108	.018	-.039	-.183
110	819	-.310	.067	-.139	-.611	110	869	-.116	.025	-.042	-.216	120	92	-.118	.017	-.062	-.190
110	820	-.325	.077	-.099	-.643	110	870	-.129	.017	-.062	-.184	120	93	-.089	.022	.011	-.165
110	821	-.267	.066	-.076	-.532	110	901	-.302	.088	-.069	-.717	120	94	-.117	.024	-.006	-.228
110	822	-.285	.064	-.000	-.538	110	902	-.311	.065	-.086	-.669	120	95	-.117	.021	-.049	-.191

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	101	-.328	.110	-.076	-1.035	120	151	-.115	.027	.011	-.235	120	311	.173	.140	.669	-.215
120	102	-.365	.113	-.108	-.994	120	152	-.153	.055	.005	-.496	120	312	.018	.114	.472	-.371
120	103	-.359	.130	-.031	-.937	120	153	-.148	.049	.003	-.391	120	313	.182	.139	.668	-.350
120	104	-.289	.094	-.055	-.994	120	154	-.105	.029	-.005	-.250	120	314	.298	.156	.804	-.289
120	105	-.334	.121	-.041	-.955	120	155	-.093	.027	.004	-.211	120	315	.389	.182	1.037	-.147
120	106	-.297	.100	-.062	-.866	120	156	-.105	.023	-.014	-.212	120	316	.258	.170	.770	-.144
120	107	-.334	.094	-.067	-.960	120	157	-.110	.021	-.017	-.198	120	317	.121	.123	.556	-.238
120	108	-.316	.107	-.052	-.901	120	158	-.081	.031	.033	-.216	120	318	.039	.129	.539	-.358
120	109	-.397	.145	-.054	-1.083	120	159	-.105	.031	.021	-.257	120	319	.338	.200	1.006	-.157
120	110	-.386	.120	-.071	-.921	120	160	-.100	.027	.028	-.217	120	320	.023	.116	.425	-.364
120	111	-.344	.115	-.050	-.882	120	161	-.069	.032	.100	-.170	120	321	.138	.139	.644	-.335
120	112	-.370	.117	-.108	-1.001	120	201	-.312	.094	-.036	-.742	120	322	.241	.168	.874	-.201
120	113	-.372	.124	-.075	-1.057	120	202	-.298	.102	-.054	-.853	120	323	.324	.192	.986	-.186
120	114	-.298	.112	-.018	-.846	120	203	-.320	.093	.027	-.880	120	324	.341	.196	.923	-.162
120	115	-.365	.123	-.052	-1.007	120	204	-.285	.073	-.077	-.674	120	325	.300	.179	.867	-.151
120	116	-.438	.157	-.137	-1.328	120	205	-.279	.075	-.029	-.619	120	326	.203	.150	.672	-.288
120	117	-.402	.127	-.124	-1.163	120	206	-.285	.076	-.014	-.667	120	327	.114	.123	.544	-.270
120	118	-.395	.121	-.118	-1.131	120	207	-.316	.089	-.073	-.679	120	328	.105	.132	.604	-.314
120	119	-.386	.120	-.091	-.881	120	208	-.324	.093	-.086	-.870	120	329	.216	.150	.779	-.151
120	120	-.359	.112	-.022	-.839	120	209	-.303	.079	-.082	-.815	120	330	.304	.172	.941	-.102
120	121	-.388	.130	-.041	-.987	120	210	-.297	.078	-.061	-.668	120	331	.315	.172	.897	-.079
120	122	-.423	.151	-.085	-1.766	120	211	-.324	.082	-.061	-.707	120	332	.275	.155	.813	-.098
120	123	-.433	.151	-.035	-1.857	120	212	-.326	.082	-.088	-.783	120	333	.187	.136	.693	-.151
120	124	-.368	.121	-.049	-.932	120	213	-.316	.081	-.079	-.683	120	334	.078	.113	.485	-.221
120	125	-.375	.125	-.058	-1.002	120	214	-.312	.089	-.064	-.824	120	335	-.026	.106	.554	-.342
120	126	-.363	.121	-.085	-.930	120	215	-.330	.103	-.071	-.863	120	336	.071	.124	.735	-.274
120	127	-.371	.134	-.086	-.960	120	216	-.350	.124	-.073	-1.025	120	337	.144	.126	.617	-.154
120	128	-.405	.121	-.093	-1.145	120	217	-.256	.096	-.054	-.772	120	338	.159	.142	.717	-.162
120	129	-.433	.131	-.098	-1.261	120	218	-.215	.100	-.025	-1.161	120	339	.122	.127	.681	-.178
120	130	-.428	.139	-.090	-1.278	120	219	-.255	.101	.021	-.902	120	340	.039	.097	.497	-.233
120	131	-.391	.142	-.008	-1.062	120	220	-.158	.047	-.061	-.523	120	341	-.061	.077	.252	-.322
120	132	-.360	.138	-.024	-.983	120	221	-.156	.047	.065	-.526	120	342	-.095	.055	.159	-.261
120	133	-.383	.149	-.038	-1.042	120	222	-.075	.024	.079	-.161	120	343	-.037	.074	.366	-.220
120	134	-.408	.144	-.128	-1.078	120	223	-.114	.026	.067	-.199	120	344	.017	.080	.447	-.181
120	135	-.408	.151	-.093	-1.125	120	224	-.108	.028	.025	-.202	120	345	.023	.083	.495	-.180
120	136	-.363	.159	.005	-1.240	120	225	-.119	.019	-.052	-.180	120	346	.005	.073	.443	-.164
120	137	-.304	.137	.120	-1.082	120	226	-.073	.020	.021	-.149	120	347	-.052	.057	.289	-.253
120	138	-.265	.114	-.020	-.873	120	227	-.122	.018	-.059	-.175	120	348	-.098	.054	.154	-.345
120	139	-.270	.114	-.035	-.989	120	228	-.075	.017	.009	-.129	120	349	-.099	.045	.102	-.249
120	140	-.250	.096	-.079	-.891	120	229	-.117	.021	-.034	-.200	120	350	-.061	.047	.214	-.221
120	141	-.247	.099	-.065	-.814	120	301	.170	.132	.585	-.253	120	351	-.034	.050	.237	-.186
120	142	-.188	.088	.045	-.887	120	302	.246	.151	.732	-.181	120	352	-.022	.049	.209	-.181
120	143	-.187	.065	.142	-.612	120	303	.252	.147	.729	-.189	120	353	-.034	.050	.211	-.247
120	144	-.166	.053	.005	-.728	120	304	.198	.140	.747	-.195	120	354	-.068	.044	.145	-.260
120	145	-.173	.058	-.025	-.786	120	305	.146	.122	.580	-.219	120	355	-.106	.029	.007	-.228
120	146	-.128	.044	-.018	-.480	120	306	.194	.149	.733	-.218	120	356	-.079	.037	.138	-.200
120	147	-.160	.044	-.023	-.482	120	307	.123	.125	.525	-.201	120	357	-.066	.038	.184	-.180
120	148	-.149	.042	-.024	-.451	120	308	.051	.138	.563	-.404	120	358	-.046	.041	.184	-.195
120	149	-.140	.038	-.010	-.398	120	309	.219	.162	.736	-.217	120	359	-.044	.041	.165	-.196
120	150	-.085	.028	.045	-.253	120	310	.318	.186	.959	-.167	120	360	-.039	.039	.146	-.188

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	361	-.071	.034	.079	-.199	120	535	-.285	.108	-.012	-.763	120	705	-.291	.085	-.057	-.835
120	362	-.082	.037	.113	-.227	120	536	-.302	.116	.049	-.837	120	706	-.291	.075	-.065	-.823
120	363	-.080	.035	.093	-.191	120	537	-.377	.133	-.045	-1.058	120	707	-.291	.070	-.082	-.601
120	364	-.027	.039	.240	-.139	120	538	-.386	.071	-.210	-.600	120	708	-.335	.092	-.081	-.890
120	365	-.088	.032	.071	-.226	120	539	-.422	.142	-.133	-1.255	120	709	-.326	.085	-.107	-.717
120	366	-.081	.031	.081	-.215	120	540	-.389	.132	-.087	-1.105	120	710	-.295	.078	-.075	-.691
120	367	-.070	.032	.118	-.196	120	541	-.186	.075	.054	-.763	120	711	-.300	.076	-.093	-.630
120	368	-.028	.034	.168	-.124	120	542	-.161	.074	.106	-.759	120	712	-.301	.077	-.103	-.621
120	369	-.027	.038	.170	-.127	120	543	-.213	.088	-.012	-.768	120	713	-.309	.082	-.100	-.632
120	370	-.053	.031	.128	-.156	120	544	-.255	.117	.010	-1.054	120	714	-.292	.076	-.119	-.630
120	371	-.072	.029	.048	-.188	120	545	-.337	.141	-.048	-1.202	120	715	-.334	.112	-.083	-1.130
120	372	-.080	.030	.039	-.235	120	546	-.333	.142	-.041	-1.168	120	716	-.315	.094	-.101	-.950
120	373	-.081	.027	.079	-.192	120	547	-.366	.130	-.119	-1.019	120	717	-.275	.104	-.066	-.787
120	374	-.061	.029	.096	-.200	120	548	-.124	.038	.008	-.383	120	718	-.258	.101	-.038	-.859
120	375	-.039	.032	.153	-.128	120	549	-.138	.040	.024	-.397	120	719	-.251	.090	-.048	-.652
120	376	-.040	.030	.146	-.129	120	550	-.124	.046	.065	-.486	120	720	-.176	.064	-.036	-.619
120	377	-.076	.028	.062	-.175	120	551	-.186	.064	.012	-.560	120	721	-.155	.051	-.038	-.498
120	501	-.329	.137	.058	-.967	120	552	-.230	.089	-.013	-.711	120	722	-.128	.024	-.017	-.311
120	502	-.347	.125	-.001	-.869	120	553	-.268	.101	-.051	-.869	120	723	-.118	.021	-.046	-.250
120	503	-.388	.141	-.036	-1.004	120	554	-.275	.102	-.094	-1.089	120	724	-.129	.029	-.043	-.461
120	504	-.386	.146	-.083	-1.312	120	555	-.120	.025	-.036	-.292	120	725	-.106	.020	-.027	-.165
120	505	-.372	.136	-.092	-1.149	120	556	-.121	.029	.032	-.309	120	726	-.140	.018	-.075	-.217
120	506	-.359	.126	-.027	-.913	120	557	-.125	.035	.039	-.421	120	727	-.140	.016	-.079	-.196
120	507	-.375	.128	-.101	-1.103	120	558	-.148	.047	.005	-.475	120	728	-.124	.021	-.060	-.237
120	508	-.358	.131	-.042	-1.221	120	559	-.178	.067	-.021	-.878	120	729	-.118	.020	-.036	-.183
120	509	-.347	.112	-.022	-.841	120	560	-.197	.053	-.072	-.545	120	801	-.240	.065	-.032	-.587
120	510	-.386	.128	-.062	-1.204	120	561	-.203	.062	-.049	-.597	120	802	-.189	.058	-.002	-.508
120	511	-.367	.116	-.047	-.944	120	562	-.110	.017	-.041	-.175	120	803	-.223	.064	-.030	-.629
120	512	-.375	.120	-.034	-1.041	120	563	-.099	.018	-.036	-.165	120	804	-.225	.078	-.015	-.621
120	514	-.319	.116	-.021	-.966	120	564	-.095	.018	-.032	-.162	120	805	-.251	.090	-.002	-.669
120	515	-.357	.127	-.079	-.909	120	565	-.098	.019	-.028	-.181	120	806	-.241	.057	-.050	-.471
120	516	-.358	.145	-.055	-.993	120	566	-.109	.023	-.033	-.216	120	807	-.246	.083	.085	-.670
120	517	-.354	.120	-.070	-.881	120	567	-.130	.034	-.038	-.295	120	808	-.275	.066	-.111	-.619
120	518	-.341	.126	-.039	-1.006	120	568	-.162	.060	-.040	-.500	120	809	-.264	.063	-.087	-.523
120	519	-.426	.146	-.114	-1.060	120	569	-.088	.019	-.010	-.142	120	810	-.261	.070	-.049	-.611
120	520	-.305	.111	.015	-.825	120	570	-.089	.018	-.018	-.140	120	811	-.211	.084	.053	-.818
120	521	-.294	.110	-.016	-.758	120	571	-.086	.019	-.008	-.168	120	812	-.273	.095	-.008	-.880
120	522	-.305	.107	.029	-.815	120	572	-.083	.017	-.020	-.139	120	813	-.258	.057	-.110	-.472
120	523	-.375	.120	-.059	-.937	120	573	-.084	.019	-.015	-.147	120	814	-.261	.057	-.101	-.509
120	524	-.327	.131	-.039	-1.014	120	574	-.087	.019	-.016	-.142	120	815	-.242	.057	-.085	-.478
120	525	-.403	.129	-.087	-1.130	120	575	-.084	.019	-.016	-.138	120	816	-.260	.073	.008	-.616
120	526	-.411	.159	-.068	-1.202	120	576	-.087	.019	-.025	-.154	120	817	-.263	.074	-.021	-.584
120	527	-.338	.128	-.014	-.956	120	577	-.088	.020	-.026	-.152	120	818	-.325	.072	-.110	-.639
120	528	-.298	.110	.020	-.800	120	578	-.088	.020	-.021	-.153	120	819	-.316	.077	-.097	-.816
120	529	-.337	.115	-.015	-.862	120	579	-.082	.020	-.011	-.150	120	820	-.325	.090	-.085	-.717
120	530	-.351	.125	.002	-.963	120	580	-.083	.018	-.020	-.139	120	821	-.285	.069	-.104	-.574
120	531	-.408	.129	-.040	-1.157	120	701	-.249	.076	-.012	-.666	120	822	-.286	.061	-.120	-.531
120	532	-.390	.141	-.084	-1.150	120	702	-.280	.073	-.070	-.601	120	823	-.282	.058	-.136	-.497
120	533	-.400	.144	-.104	-1.412	120	703	-.217	.069	-.014	-.638	120	824	-.282	.067	-.054	-.596
120	534	-.251	.112	.034	-1.001	120	704	-.285	.085	-.041	-.705	120	825	-.266	.079	.017	-.635

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	826	-.264	.087	-.014	-.669	120	906	.206	.147	.736	-.162	130	104	-.261	.089	-.043	-.841
120	827	-.253	.074	-.064	-.734	120	907	-.296	.085	-.015	-.688	130	105	-.295	.111	-.018	-.954
120	828	-.267	.063	-.095	-.629	120	908	-.263	.055	-.001	-.599	130	106	-.252	.094	-.009	-.907
120	829	-.204	.054	-.055	-.542	120	909	-.271	.077	-.023	-.658	130	107	-.283	.088	-.068	-.746
120	830	-.262	.064	-.090	-.687	120	910	.196	.149	.701	-.179	130	108	-.268	.096	-.044	-.659
120	831	-.282	.081	-.059	-.751	120	911	.293	.174	.867	-.142	130	109	-.307	.129	-.014	-1.342
120	832	-.289	.087	-.047	-.773	120	912	.186	.139	.672	-.173	130	110	-.310	.110	-.036	-1.028
120	833	-.282	.091	-.099	-.742	120	913	-.346	.093	-.071	-.826	130	111	-.272	.098	-.022	-.711
120	834	-.276	.072	-.127	-.617	120	914	-.363	.108	-.081	-.832	130	112	-.310	.099	-.083	-.890
120	835	-.247	.060	-.116	-.537	120	915	-.328	.087	-.099	-.760	130	113	-.289	.111	-.015	-1.046
120	836	-.228	.066	-.059	-.682	120	916	-.319	.094	-.073	-.859	130	114	-.246	.096	0.000	-.751
120	837	-.233	.084	.047	-.642	130	1	-.087	.018	-.004	-.158	130	115	-.296	.107	-.067	-.822
120	838	-.255	.091	-.059	-.717	130	2	-.061	.022	.012	-.169	130	116	-.336	.135	-.062	-1.161
120	839	-.228	.074	-.084	-.679	130	3	-.033	.045	.246	-.141	130	117	-.312	.102	-.022	-.898
120	840	-.267	.076	-.107	-.665	130	4	-.020	.024	.082	-.159	130	118	-.312	.097	-.034	-.867
120	841	-.180	.053	-.057	-.510	130	5	-.098	.018	-.031	-.168	130	119	-.306	.096	-.060	-1.042
120	842	-.218	.060	-.052	-.536	130	6	-.061	.020	.014	-.157	130	120	-.280	.093	-.002	-.772
120	843	-.195	.048	-.060	-.454	130	7	-.095	.018	-.006	-.152	130	121	-.308	.109	-.008	-.867
120	844	-.239	.068	-.064	-.645	130	8	-.089	.018	-.018	-.156	130	122	-.328	.125	-.098	-1.369
120	845	-.190	.052	-.072	-.578	130	9	-.058	.030	.128	-.210	130	123	-.336	.128	-.086	-1.406
120	846	-.158	.029	-.082	-.364	130	10	-.079	.023	.042	-.159	130	124	-.304	.102	-.024	-.831
120	847	-.162	.046	-.060	-.578	130	11	-.069	.034	.019	-.332	130	125	-.312	.101	-.040	-.810
120	848	-.164	.029	-.074	-.306	130	12	-.085	.020	-.002	-.158	130	126	-.304	.093	-.032	-.769
120	849	-.158	.035	-.055	-.339	130	13	-.040	.022	.030	-.205	130	127	-.311	.105	-.044	-.920
120	850	-.155	.033	-.049	-.440	130	14	-.099	.019	-.022	-.163	130	128	-.340	.087	-.105	-.743
120	851	-.145	.040	-.030	-.459	130	15	-.098	.017	-.038	-.187	130	129	-.365	.094	-.098	-.788
120	852	-.159	.029	-.069	-.397	130	16	-.067	.020	.009	-.168	130	130	-.373	.101	-.086	-.867
120	853	-.142	.022	-.070	-.294	130	17	-.058	.021	.036	-.141	130	131	-.358	.104	-.025	-.950
120	854	-.137	.021	-.080	-.246	130	18	-.031	.019	.055	-.091	130	132	-.310	.104	-.043	-.827
120	855	-.123	.020	-.063	-.205	130	19	-.086	.017	-.022	-.138	130	133	-.333	.119	-.017	-1.149
120	856	-.148	.022	-.089	-.257	130	20	-.089	.018	-.020	-.160	130	134	-.373	.115	-.086	-1.124
120	857	-.148	.022	-.082	-.276	130	21	-.099	.020	-.036	-.193	130	135	-.373	.118	-.091	-1.241
120	858	-.139	.017	-.080	-.201	130	22	-.081	.020	.009	-.151	130	136	-.346	.115	-.067	-.948
120	859	-.130	.020	-.063	-.252	130	23	-.088	.021	.002	-.205	130	137	-.321	.111	-.049	-.972
120	860	-.144	.017	-.081	-.204	130	24	-.097	.018	-.025	-.157	130	138	-.296	.102	-.073	-.823
120	861	-.137	.019	-.067	-.234	130	25	-.088	.018	-.020	-.148	130	139	-.296	.101	-.089	-.804
120	862	-.144	.019	-.072	-.243	130	26	-.089	.018	-.018	-.151	130	140	-.303	.107	-.093	-.928
120	863	-.115	.018	-.048	-.195	130	27	-.090	.019	-.020	-.158	130	141	-.301	.113	-.082	-.945
120	864	-.152	.019	-.086	-.239	130	28	-.089	.019	.009	-.157	130	142	-.226	.107	.004	-.926
120	865	-.090	.017	-.032	-.184	130	29	-.128	.032	-.049	-.327	130	143	-.214	.090	-.010	-.864
120	866	-.133	.016	-.065	-.204	130	30	-.089	.020	-.017	-.151	130	144	-.188	.071	-.038	-.791
120	867	-.126	.023	-.056	-.242	130	31	-.080	.020	.020	-.156	130	145	-.196	.069	-.065	-.868
120	868	-.142	.033	-.067	-.322	130	91	-.120	.018	-.051	-.189	130	146	-.134	.056	-.010	-.601
120	869	-.131	.034	-.056	-.365	130	92	-.134	.018	-.064	-.205	130	147	-.174	.060	-.033	-.679
120	870	-.127	.017	-.056	-.193	130	93	-.103	.021	-.011	-.193	130	148	-.155	.054	-.026	-.473
120	901	-.316	.087	-.056	-.777	130	94	-.139	.022	-.031	-.228	130	149	-.127	.045	-.061	-.393
120	902	-.320	.070	-.154	-.631	130	95	-.129	.018	-.051	-.201	130	150	-.075	.032	.062	-.249
120	903	-.303	.085	-.097	-.760	130	101	-.278	.092	-.082	-.991	130	151	-.112	.029	.048	-.237
120	904	-.240	.164	.815	-.181	130	102	-.321	.111	-.068	-1.151	130	152	-.121	.041	-.014	-.332
120	905	.316	.185	.908	-.136	130	103	-.299	.108	-.021	-.977	130	153	-.117	.038	-.012	-.315

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	154	-.122	.034	-.029	-.293	130	314	.154	.124	.615	-.264	130	364	-.050	.031	.137	-.164
130	155	-.087	.024	.069	-.181	130	315	.263	.163	.901	-.221	130	365	-.097	.026	.007	-.178
130	156	-.099	.021	.005	-.179	130	316	.273	.159	.796	-.151	130	366	-.105	.031	.029	-.275
130	157	-.106	.020	-.019	-.179	130	317	.109	.112	.563	-.233	130	367	-.093	.031	.064	-.174
130	158	-.065	.028	.018	-.244	130	318	-.067	.115	.419	-.427	130	368	-.055	.032	.142	-.156
130	159	-.096	.029	.030	-.298	130	319	.214	.172	.833	-.273	130	369	-.041	.030	.283	-.148
130	160	-.091	.024	.005	-.208	130	320	.008	.126	.486	-.471	130	370	-.067	.027	.108	-.158
130	161	-.072	.026	.063	-.153	130	321	.019	.099	.402	-.281	130	371	-.084	.026	.033	-.186
130	201	-.268	.077	-.043	-.645	130	322	.099	.120	.585	-.237	130	372	-.094	.026	-.007	-.209
130	202	-.261	.099	-.008	-.826	130	323	.186	.140	.854	-.198	130	373	-.110	.029	.011	-.223
130	203	-.281	.086	-.068	-.725	130	324	.239	.149	.894	-.185	130	374	-.080	.029	.048	-.198
130	204	-.246	.066	-.060	-.607	130	325	.220	.150	.889	-.307	130	375	-.054	.031	.120	-.130
130	205	-.242	.069	-.077	-.676	130	326	.153	.134	.746	-.313	130	376	-.058	.028	.060	-.159
130	206	-.240	.060	-.058	-.536	130	327	.084	.115	.539	-.366	130	377	-.083	.026	.018	-.176
130	207	-.278	.073	.001	-.675	130	328	.011	.096	.529	-.281	130	501	-.263	.106	.055	-.982
130	208	-.261	.072	-.085	-.743	130	329	.095	.118	.549	-.264	130	502	-.287	.104	.017	-.814
130	209	-.258	.064	-.032	-.587	130	330	.184	.137	.778	-.293	130	503	-.326	.128	.025	-.998
130	210	-.243	.061	-.055	-.507	130	331	.227	.143	.815	-.195	130	504	-.356	.149	.138	-1.471
130	211	-.272	.066	-.071	-.525	130	332	.220	.137	.777	-.218	130	505	-.405	.166	-.036	-1.649
130	212	-.275	.067	-.039	-.598	130	333	.149	.119	.710	-.182	130	506	-.291	.106	-.008	-.907
130	213	-.259	.063	-.089	-.547	130	334	.063	.105	.580	-.252	130	507	-.376	.147	.007	-1.319
130	214	-.257	.073	-.060	-.688	130	335	-.040	.076	.284	-.286	130	508	-.302	.103	-.015	-.862
130	215	-.284	.074	-.052	-.614	130	336	.039	.087	.421	-.185	130	509	-.285	.090	-.022	-.671
130	216	-.300	.083	-.086	-.730	130	337	.160	.121	.755	-.149	130	510	-.334	.114	-.039	-.901
130	217	-.276	.081	-.084	-.658	130	338	.141	.109	.658	-.129	130	511	-.297	.109	-.037	-.909
130	218	-.249	.083	-.034	-.749	130	339	.125	.109	.580	-.176	130	512	-.345	.120	-.081	-.933
130	219	-.298	.094	-.057	-.789	130	340	.056	.095	.515	-.211	130	514	-.264	.093	-.027	-.673
130	220	-.202	.062	-.074	-.547	130	341	-.031	.083	.337	-.278	130	515	-.335	.120	-.028	-.987
130	221	-.182	.064	-.046	-.686	130	342	-.085	.048	.147	-.284	130	516	-.308	.122	0.000	-1.033
130	222	-.099	.029	.022	-.223	130	343	-.027	.066	.309	-.224	130	517	-.331	.116	.030	-.886
130	223	-.128	.032	-.024	-.268	130	344	.029	.074	.384	-.171	130	518	-.324	.120	-.048	-.849
130	224	-.104	.031	.039	-.236	130	345	.041	.082	.380	-.177	130	519	-.350	.117	-.068	-1.012
130	225	-.120	.020	-.060	-.184	130	346	.025	.078	.377	-.213	130	520	-.258	.087	.019	-.718
130	226	-.083	.020	-.006	-.160	130	347	-.033	.069	.255	-.256	130	521	-.266	.099	-.016	-.704
130	227	-.124	.018	-.066	-.186	130	348	-.081	.064	.203	-.305	130	522	-.263	.080	-.029	-.656
130	228	-.086	.016	-.018	-.141	130	349	-.110	.044	.158	-.322	130	523	-.312	.096	-.023	-.832
130	229	-.128	.020	-.043	-.202	130	350	-.067	.048	.230	-.259	130	524	-.288	.114	-.032	-.994
130	301	.034	.125	.524	-.332	130	351	-.033	.053	.302	-.249	130	525	-.304	.089	-.108	-.766
130	302	.101	.141	.701	-.316	130	352	-.019	.054	.255	-.227	130	526	-.284	.093	-.083	-.836
130	303	.195	.137	.712	-.181	130	353	-.028	.059	.268	-.194	130	527	-.292	.094	-.031	-.978
130	304	.149	.135	.626	-.266	130	354	-.068	.052	.178	-.240	130	528	-.265	.084	-.030	-.632
130	305	.109	.119	.486	-.315	130	355	-.120	.036	.036	-.281	130	529	-.289	.084	-.074	-.899
130	306	.069	.131	.660	-.414	130	356	-.107	.037	.046	-.267	130	530	-.292	.098	.012	-.928
130	307	.094	.111	.643	-.271	130	357	-.082	.038	.173	-.225	130	531	-.324	.101	-.049	-.908
130	308	-.062	.132	.472	-.423	130	358	-.056	.038	.139	-.186	130	532	-.291	.089	-.090	-.749
130	309	.086	.150	.724	-.325	130	359	-.055	.038	.152	-.179	130	533	-.302	.089	-.091	-.788
130	310	.207	.174	.844	-.306	130	360	-.060	.035	.137	-.209	130	534	-.269	.101	-.019	-.904
130	311	.124	.138	.628	-.271	130	361	-.081	.032	.060	-.241	130	535	-.287	.092	-.005	-.783
130	312	.001	.118	.429	-.521	130	362	-.095	.032	.039	-.239	130	536	-.274	.082	-.040	-.684
130	313	.034	.110	.482	-.355	130	363	-.104	.032	.035	-.286	130	537	-.312	.090	-.079	-.769

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	538	-.310	.046	-.182	-.503	130	708	-.280	.075	-.086	-.879	130	829	-.178	.044	-.025	-.371
130	539	-.317	.084	-.106	-.766	130	709	-.277	.072	-.095	-.681	130	830	-.223	.046	-.064	-.495
130	540	-.313	.099	-.082	-1.050	130	710	-.233	.066	-.050	-.696	130	831	-.237	.059	-.006	-.740
130	541	-.234	.089	-.013	-.732	130	711	-.248	.067	-.094	-.601	130	832	-.242	.064	-.006	-.728
130	542	-.221	.082	.022	-.673	130	712	-.253	.068	-.082	-.556	130	833	-.243	.065	-.081	-.670
130	543	-.254	.084	.033	-.660	130	713	-.247	.069	-.056	-.662	130	834	-.240	.053	-.103	-.584
130	544	-.264	.096	-.009	-.761	130	714	-.241	.063	-.059	-.571	130	835	-.222	.045	-.095	-.507
130	545	-.308	.108	-.013	-1.028	130	715	-.283	.077	-.067	-.674	130	836	-.212	.044	-.103	-.507
130	546	-.297	.102	-.078	-.933	130	716	-.276	.071	-.053	-.627	130	837	-.210	.053	-.055	-.488
130	547	-.314	.091	-.144	-.853	130	717	-.280	.090	-.060	-.756	130	838	-.233	.060	-.059	-.515
130	548	-.152	.055	-.023	-.437	130	718	-.257	.079	-.069	-.682	130	839	-.253	.068	-.104	-.654
130	549	-.168	.054	-.015	-.468	130	719	-.259	.074	-.079	-.638	130	840	-.226	.047	-.096	-.489
130	550	-.169	.065	.022	-.532	130	720	-.210	.065	-.060	-.603	130	841	-.195	.049	-.082	-.464
130	551	-.236	.084	-.009	-.736	130	721	-.185	.055	-.072	-.523	130	842	-.184	.026	-.094	-.333
130	552	-.260	.090	-.057	-.945	130	722	-.158	.024	-.074	-.280	130	843	-.166	.025	-.094	-.268
130	553	-.295	.094	-.063	-1.061	130	723	-.133	-.028	-.057	-.355	130	844	-.201	.029	-.098	-.372
130	554	-.295	.090	-.084	-.967	130	724	-.157	.024	-.070	-.283	130	845	-.196	.034	-.106	-.420
130	555	-.133	.029	-.051	-.383	130	725	-.133	.018	-.064	-.188	130	846	-.172	.023	-.099	-.283
130	556	-.130	.027	-.036	-.336	130	726	-.168	.019	-.103	-.256	130	847	-.171	.032	-.077	-.322
130	557	-.139	.036	-.020	-.435	130	727	-.165	.018	-.103	-.231	130	848	-.181	.020	-.116	-.272
130	558	-.168	.051	-.030	-.513	130	728	-.158	.022	-.089	-.245	130	849	-.180	.024	-.074	-.280
130	559	-.210	.071	-.044	-.766	130	729	-.146	.018	-.083	-.201	130	850	-.198	.028	-.114	-.328
130	560	-.239	.067	-.111	-.745	130	801	-.218	.065	-.039	-.601	130	851	-.172	.029	-.084	-.300
130	561	-.244	.075	-.083	-.739	130	802	-.170	.059	.015	-.491	130	852	-.198	.026	-.111	-.317
130	562	-.125	.017	-.072	-.212	130	803	-.205	.064	.006	-.588	130	853	-.173	.019	-.108	-.251
130	563	-.116	.017	-.059	-.214	130	804	-.208	.074	.022	-.572	130	854	-.169	.019	-.081	-.251
130	564	-.110	.019	-.007	-.189	130	805	-.228	.081	.020	-.665	130	855	-.152	.018	-.084	-.233
130	565	-.117	.020	-.050	-.208	130	806	-.215	.057	-.022	-.518	130	856	-.183	.021	-.096	-.279
130	566	-.135	.026	-.062	-.276	130	807	-.234	.085	-.008	-.806	130	857	-.189	.020	-.123	-.275
130	567	-.163	.040	-.066	-.393	130	808	-.240	.063	-.047	-.513	130	858	-.178	.018	-.114	-.265
130	568	-.193	.064	-.065	-.559	130	809	-.215	.062	-.057	-.572	130	859	-.170	.021	-.094	-.275
130	569	-.107	.018	-.037	-.163	130	810	-.232	.072	.002	-.670	130	860	-.179	.016	-.118	-.236
130	570	-.107	.017	-.047	-.161	130	811	-.196	.084	.057	-.557	130	861	-.169	.016	-.101	-.226
130	571	-.105	.018	-.037	-.160	130	812	-.237	.086	-.001	-.706	130	862	-.190	.018	-.124	-.263
130	572	-.101	.015	-.048	-.152	130	813	-.190	.049	-.006	-.418	130	863	-.150	.016	-.094	-.206
130	573	-.103	.018	-.045	-.168	130	814	-.224	.048	-.027	-.446	130	864	-.199	.018	-.133	-.257
130	574	-.107	.017	-.035	-.168	130	815	-.223	.057	-.034	-.500	130	865	-.104	.019	-.048	-.227
130	575	-.105	.017	-.030	-.163	130	816	-.239	.069	-.012	-.591	130	866	-.172	.016	-.116	-.224
130	576	-.104	.017	-.041	-.160	130	817	-.208	.070	-.009	-.510	130	867	-.130	.020	-.068	-.264
130	577	-.107	.018	-.042	-.166	130	818	-.279	.063	-.107	-.616	130	868	-.139	.023	-.071	-.296
130	578	-.106	.017	-.047	-.163	130	819	-.267	.067	-.056	-.606	130	869	-.129	.024	-.063	-.313
130	579	-.101	.017	-.039	-.158	130	820	-.282	.077	-.049	-.629	130	870	-.145	.017	-.080	-.223
130	580	-.100	.017	-.029	-.162	130	821	-.227	.050	-.095	-.430	130	901	-.277	.077	-.056	-.619
130	701	-.227	.073	-.023	-.585	130	822	-.258	.051	-.116	-.508	130	902	-.270	.060	-.110	-.556
130	702	-.256	.072	-.033	-.569	130	823	-.232	.049	-.075	-.477	130	903	-.275	.083	-.015	-.652
130	703	-.198	.065	-.040	-.546	130	824	-.231	.058	-.056	-.551	130	904	.116	.139	.709	-.231
130	704	-.241	.072	-.060	-.621	130	825	-.226	.062	-.047	-.519	130	905	.234	.162	.865	-.203
130	705	-.245	.068	-.007	-.587	130	826	-.240	.080	-.004	-.568	130	906	.170	.153	.789	-.440
130	706	-.257	.065	-.059	-.750	130	827	-.213	.053	-.070	-.542	130	907	-.261	.075	-.066	-.676
130	707	-.262	.064	-.098	-.530	130	828	-.225	.044	-.068	-.429	130	908	-.236	.060	-.045	-.507

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
130	909	-.244	.080	.022	-.778	140	107	-.233	.081	-.022	-.765	140	157	-.138	.019	-.055	-.218
130	910	.085	.135	.652	-.249	140	108	-.198	.074	-.029	-.626	140	158	-.164	.023	-.080	-.260
130	911	.211	.157	.843	-.152	140	109	-.238	.093	-.023	-.712	140	159	-.122	.023	-.009	-.220
130	912	.138	.140	.736	-.244	140	110	-.250	.085	-.040	-.690	140	160	-.117	.020	-.037	-.203
130	913	-.343	.113	.114	-.915	140	111	-.210	.074	-.024	-.768	140	161	-.108	.023	-.076	-.174
130	914	-.356	.122	-.021	-1.033	140	112	-.229	.066	-.045	-.598	140	201	-.211	.055	-.069	-.513
130	915	-.309	.096	-.021	-.819	140	113	-.232	.086	-.040	-.822	140	202	-.196	.062	-.027	-.553
130	916	-.315	.110	.007	-.990	140	114	-.167	.069	.013	-.513	140	203	-.206	.056	-.052	-.534
140	1	-.110	.017	-.059	-.165	140	115	-.216	.072	-.061	-.646	140	204	-.202	.055	-.043	-.592
140	2	-.076	.018	.023	-.144	140	116	-.250	.094	-.047	-.752	140	205	-.191	.054	-.055	-.555
140	3	-.073	.028	.110	-.152	140	117	-.245	.082	-.044	-.729	140	206	-.182	.047	-.021	-.393
140	4	-.049	.019	.040	-.128	140	118	-.242	.077	-.061	-.634	140	207	-.210	.051	-.047	-.496
140	5	-.116	.016	-.063	-.170	140	119	-.229	.071	-.041	-.674	140	208	-.203	.055	-.054	-.515
140	6	-.083	.017	-.011	-.147	140	120	-.201	.063	-.005	-.553	140	209	-.194	.050	-.058	-.491
140	7	-.116	.017	-.061	-.167	140	121	-.221	.070	-.000	-.644	140	210	-.178	.045	-.035	-.383
140	8	-.108	.018	-.025	-.185	140	122	-.254	.087	-.048	-.721	140	211	-.200	.048	-.054	-.420
140	9	-.095	.026	.063	-.218	140	123	-.253	.086	-.027	-.742	140	212	-.201	.048	-.090	-.460
140	10	-.109	.021	.002	-.185	140	124	-.226	.079	-.009	-.740	140	213	-.193	.045	-.064	-.401
140	11	-.081	.021	-.007	-.183	140	125	-.228	.070	-.039	-.632	140	214	-.182	.044	0.000	-.414
140	12	-.106	.019	-.037	-.159	140	126	-.219	.063	-.017	-.569	140	215	-.193	.039	-.073	-.440
140	13	-.058	.016	.007	-.134	140	127	-.221	.069	-.053	-.655	140	216	-.198	.043	-.053	-.431
140	14	-.111	.018	-.041	-.171	140	128	-.234	.069	-.085	-.769	140	217	-.191	.036	-.067	-.391
140	15	-.118	.016	-.056	-.175	140	129	-.252	.073	-.095	-.809	140	218	-.241	.040	-.130	-.556
140	16	-.085	.018	-.009	-.161	140	130	-.247	.069	-.094	-.779	140	219	-.205	.042	-.110	-.478
140	17	-.078	.018	.007	-.188	140	131	-.230	.063	-.071	-.812	140	220	-.183	.033	-.097	-.397
140	18	-.053	.017	.034	-.139	140	132	-.201	.059	-.061	-.546	140	221	-.176	.033	-.069	-.487
140	19	-.106	.017	-.031	-.171	140	133	-.220	.067	-.071	-.663	140	222	-.199	.026	-.075	-.290
140	20	-.104	.018	-.020	-.180	140	134	-.248	.062	-.126	-.595	140	223	-.156	.029	-.035	-.258
140	21	-.116	.019	-.036	-.190	140	135	-.246	.063	-.118	-.585	140	224	-.129	.028	-.018	-.227
140	22	-.105	.018	-.036	-.169	140	136	-.223	.066	-.057	-.970	140	225	-.150	.019	-.077	-.208
140	23	-.106	.018	-.031	-.176	140	137	-.223	.057	-.063	-.542	140	226	-.192	.021	-.103	-.253
140	24	-.118	.018	-.039	-.192	140	138	-.210	.051	-.058	-.528	140	227	-.155	.017	-.094	-.211
140	25	-.115	.019	-.036	-.194	140	139	-.210	.054	-.074	-.658	140	228	-.112	.015	-.056	-.163
140	26	-.114	.018	-.033	-.187	140	140	-.225	.051	-.109	-.534	140	229	-.152	.020	-.067	-.220
140	27	-.115	.019	-.042	-.192	140	141	-.224	.053	-.096	-.577	140	301	-.102	.084	.364	-.380
140	28	-.115	.018	-.039	-.175	140	142	-.261	.052	-.100	-.548	140	302	-.079	.097	.446	-.420
140	29	-.139	.030	-.067	-.353	140	143	-.201	.043	-.066	-.415	140	303	.002	.111	.535	-.371
140	30	-.112	.017	-.007	-.179	140	144	-.180	.037	-.073	-.414	140	304	-.017	.118	.529	-.333
140	31	-.108	.018	-.037	-.165	140	145	-.180	.035	-.077	-.375	140	305	-.036	.101	.431	-.402
140	91	-.140	.016	-.081	-.193	140	146	-.224	.039	-.120	-.401	140	306	-.099	.085	.356	-.460
140	92	-.152	.017	-.090	-.207	140	147	-.185	.040	-.082	-.380	140	307	-.038	.095	.403	-.315
140	93	-.125	.019	-.057	-.195	140	148	-.168	.044	-.032	-.430	140	308	-.137	.072	.267	-.487
140	94	-.161	.019	-.076	-.263	140	149	-.140	.031	-.021	-.271	140	309	-.080	.092	.486	-.407
140	95	-.146	.017	-.081	-.217	140	150	-.170	.024	-.073	-.260	140	310	-.010	.133	.670	-.361
140	101	-.236	.086	-.026	-.853	140	151	-.137	.023	-.009	-.216	140	311	-.030	.115	.667	-.359
140	102	-.256	.082	-.023	-.686	140	152	-.144	.036	-.059	-.433	140	312	-.087	.096	.521	-.405
140	103	-.216	.073	-.023	-.617	140	153	-.138	.032	-.062	-.373	140	313	-.120	.064	.156	-.369
140	104	-.237	.089	-.003	-.748	140	154	-.134	.025	-.054	-.312	140	314	-.058	.075	.294	-.362
140	105	-.203	.075	-.018	-.724	140	155	-.118	.022	-.009	-.176	140	315	-.014	.111	.447	-.385
140	106	-.197	.076	-.037	-.719	140	156	-.131	.020	-.044	-.229	140	316	.014	.117	.548	-.370

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	317	-.038	.103	.510	-.425	140	367	-.121	.029	.020	-.215	140	541	-.196	.044	-.074	-.439
140	318	-.151	.056	.154	-.358	140	368	-.088	.028	.065	-.166	140	542	-.171	.040	-.043	-.398
140	319	-.037	.122	.690	-.383	140	369	-.080	.030	.081	-.161	140	543	-.200	.036	-.080	-.375
140	320	-.098	.097	.406	-.439	140	370	-.093	.028	.148	-.181	140	544	-.183	.039	-.052	-.478
140	321	-.117	.061	.279	-.338	140	371	-.106	.026	.064	-.219	140	545	-.198	.040	-.098	-.485
140	322	-.092	.078	.332	-.411	140	372	-.116	.025	.007	-.257	140	546	-.172	.040	-.077	-.634
140	323	-.049	.099	.495	-.554	140	373	-.143	.025	.014	-.282	140	547	-.200	.037	-.108	-.557
140	324	-.002	.117	.704	-.529	140	374	-.121	.025	-.002	-.202	140	548	-.170	.040	-.047	-.364
140	325	.016	.123	.527	-.479	140	375	-.087	.027	.025	-.171	140	549	-.182	.036	-.059	-.329
140	326	-.098	.114	.431	-.459	140	376	-.090	.025	.026	-.175	140	550	-.162	.031	-.065	-.289
140	327	-.037	.097	.360	-.388	140	377	-.110	.024	-.003	-.187	140	551	-.198	.034	-.087	-.368
140	328	-.112	.059	.263	-.324	140	501	-.186	.067	.131	-.535	140	552	-.197	.035	-.108	-.402
140	329	-.080	.070	.313	-.381	140	502	-.203	.072	.258	-.636	140	553	-.200	.040	-.114	-.504
140	330	-.038	.089	.474	-.280	140	503	-.210	.083	.329	-.834	140	554	-.209	.040	-.116	-.528
140	331	.002	.103	.589	-.311	140	504	-.217	.091	.127	-.781	140	555	-.150	.024	-.073	-.265
140	332	.027	.109	.536	-.284	140	505	-.223	.108	.074	-.887	140	556	-.159	.025	-.082	-.273
140	333	.005	.108	.479	-.362	140	506	-.200	.065	.155	-.540	140	557	-.169	.031	-.075	-.309
140	334	-.040	.094	.416	-.404	140	507	-.238	.086	.019	-.813	140	558	-.205	.039	-.106	-.393
140	335	-.113	.050	.155	-.287	140	508	-.203	.057	.004	-.528	140	559	-.207	.038	-.111	-.443
140	336	-.071	.062	.208	-.229	140	509	-.187	.057	.031	-.531	140	560	-.213	.035	-.130	-.425
140	337	-.026	.076	.360	-.311	140	510	-.206	.066	.022	-.767	140	561	-.207	.038	-.114	-.471
140	338	.001	.084	.373	-.244	140	511	-.179	.068	.020	-.725	140	562	-.153	.016	-.092	-.200
140	339	-.001	.085	.406	-.253	140	512	-.225	.077	-.024	-.959	140	563	-.136	.017	-.070	-.193
140	340	-.029	.074	.383	-.252	140	514	-.187	.056	-.055	-.582	140	564	-.139	.017	-.080	-.191
140	341	-.078	.066	.234	-.291	140	515	-.186	.068	-.002	-.608	140	565	-.138	.018	-.062	-.209
140	342	-.115	.033	.068	-.256	140	516	-.161	.064	.002	-.565	140	566	-.164	.022	-.094	-.259
140	343	-.090	.045	.114	-.219	140	517	-.204	.053	-.007	-.572	140	567	-.181	.032	-.106	-.352
140	344	-.049	.053	.228	-.201	140	518	-.182	.060	.072	-.545	140	568	-.237	.056	-.121	-.544
140	345	-.032	.056	.263	-.179	140	519	-.207	.056	-.062	-.600	140	569	-.131	.018	-.062	-.187
140	346	-.042	.054	.266	-.201	140	520	-.177	.050	-.055	-.466	140	570	-.141	.018	-.077	-.195
140	347	-.079	.049	.235	-.287	140	521	-.161	.048	.005	-.675	140	571	-.131	.018	-.063	-.188
140	348	-.099	.045	.143	-.273	140	522	-.178	.047	.046	-.441	140	572	-.134	.014	-.082	-.181
140	349	-.114	.031	.113	-.217	140	523	-.211	.052	-.045	-.528	140	573	-.131	.017	-.075	-.187
140	350	-.090	.036	.213	-.210	140	524	-.153	.054	-.022	-.663	140	574	-.142	.017	-.089	-.190
140	351	-.068	.040	.230	-.185	140	525	-.201	.050	.014	-.522	140	575	-.131	.016	-.075	-.181
140	352	-.049	.042	.215	-.169	140	526	-.184	.049	.022	-.477	140	576	-.135	.018	-.068	-.193
140	353	-.063	.042	.139	-.210	140	527	-.197	.049	-.007	-.512	140	577	-.133	.018	-.072	-.192
140	354	-.090	.039	.156	-.265	140	528	-.172	.045	.046	-.452	140	578	-.143	.018	-.079	-.203
140	355	-.120	.027	.068	-.254	140	529	-.191	.043	.049	-.507	140	579	-.128	.018	-.066	-.186
140	356	-.127	.031	.031	-.250	140	530	-.184	.046	0.000	-.605	140	580	-.134	.018	-.077	-.184
140	357	-.104	.032	.067	-.208	140	531	-.207	.050	-.007	-.663	140	701	-.198	.061	-.003	-.563
140	358	-.080	.035	.160	-.193	140	532	-.195	.056	-.040	-.661	140	702	-.200	.050	-.045	-.454
140	359	-.077	.035	.120	-.198	140	533	-.206	.058	-.074	-.894	140	703	-.156	.052	-.014	-.371
140	360	-.072	.033	.072	-.202	140	534	-.170	.046	-.029	-.422	140	704	-.190	.055	-.018	-.460
140	361	-.098	.029	.021	-.226	140	535	-.199	.043	-.033	-.465	140	705	-.191	.052	-.045	-.472
140	362	-.109	.028	.017	-.205	140	536	-.180	.041	-.019	-.423	140	706	-.192	.044	-.050	-.432
140	363	-.132	.028	-.018	-.234	140	537	-.201	.047	-.067	-.544	140	707	-.202	.045	-.055	-.477
140	364	-.079	.029	.043	-.185	140	538	-.178	.026	-.104	-.299	140	708	-.204	.052	-.075	-.544
140	365	-.113	.025	.011	-.194	140	539	-.207	.045	-.097	-.521	140	709	-.203	.047	-.043	-.508
140	366	-.135	.030	-.009	-.255	140	540	-.198	.041	-.097	-.473	140	710	-.176	.046	-.035	-.534

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAH	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
140	711	-.189	.044	-.054	-.512	140	832	-.173	.037	.001	-.352	140	912	-.036	.109	.654	-.317
140	712	-.189	.044	-.062	-.449	140	833	-.163	.034	-.038	-.318	140	913	-.209	.081	.136	-.688
140	713	-.186	.045	-.039	-.459	140	834	-.170	.027	-.076	-.288	140	914	-.218	.092	.121	-.678
140	714	-.173	.041	-.040	-.451	140	835	-.165	.028	-.069	-.264	140	915	-.215	.084	.107	-.704
140	715	-.190	.043	-.066	-.414	140	836	-.160	.026	-.065	-.249	140	916	-.219	.098	.224	-.868
140	716	-.186	.041	-.069	-.405	140	837	-.156	.028	-.052	-.296	150	1	-.133	.017	-.061	-.194
140	717	-.187	.043	-.072	-.464	140	838	-.170	.030	-.061	-.312	150	2	-.099	.018	-.036	-.154
140	718	-.173	.041	-.078	-.458	140	839	-.180	.032	-.086	-.327	150	3	-.096	.033	.072	-.171
140	719	-.183	.039	-.091	-.444	140	840	-.191	.034	-.107	-.399	150	4	-.073	.018	.002	-.126
140	720	-.179	.035	-.079	-.417	140	841	-.161	.028	-.053	-.265	150	5	-.139	.016	-.072	-.196
140	721	-.167	.030	-.076	-.363	140	842	-.170	.023	-.085	-.263	150	6	-.106	.018	-.026	-.181
140	722	-.157	.022	-.066	-.243	140	843	-.152	.022	-.069	-.239	150	7	-.139	.017	-.072	-.204
140	723	-.156	.022	-.072	-.242	140	844	-.185	.025	-.097	-.294	150	8	-.132	.019	-.065	-.242
140	724	-.151	.021	-.086	-.232	140	845	-.180	.028	-.093	-.353	150	9	-.122	.023	.000	-.186
140	725	-.134	.017	-.068	-.196	140	846	-.162	.021	-.085	-.243	150	10	-.129	.022	.002	-.187
140	726	-.164	.018	-.112	-.226	140	847	-.153	.024	-.078	-.257	150	11	-.099	.020	-.018	-.215
140	727	-.163	.017	-.104	-.217	140	848	-.171	.020	-.092	-.252	150	12	-.133	.020	-.060	-.199
140	728	-.148	.019	-.088	-.261	140	849	-.169	.022	-.093	-.251	150	13	-.079	.017	-.004	-.137
140	729	-.146	.017	-.085	-.202	140	850	-.172	.024	-.066	-.273	150	14	-.137	.018	-.073	-.200
140	801	-.188	.051	-.015	-.464	140	851	-.156	.025	-.071	-.261	150	15	-.139	.017	-.076	-.198
140	802	-.147	.046	.001	-.364	140	852	-.177	.023	-.087	-.276	150	16	-.106	.020	-.018	-.215
140	803	-.186	.049	-.036	-.380	140	853	-.161	.019	-.088	-.251	150	17	-.098	.020	-.011	-.174
140	804	-.181	.056	-.040	-.624	140	854	-.157	.019	-.085	-.223	150	18	-.076	.019	.009	-.140
140	805	-.196	.060	-.025	-.645	140	855	-.140	.018	-.078	-.198	150	19	-.130	.017	-.075	-.190
140	806	-.181	.046	-.056	-.450	140	856	-.168	.020	-.100	-.249	150	20	-.131	.019	-.063	-.228
140	807	-.192	.065	.007	-.622	140	857	-.169	.019	-.105	-.241	150	21	-.140	.020	-.078	-.226
140	808	-.193	.049	-.043	-.441	140	858	-.161	.017	-.103	-.226	150	22	-.128	.019	-.050	-.204
140	809	-.179	.052	-.009	-.458	140	859	-.149	.019	-.081	-.227	150	23	-.128	.019	-.061	-.202
140	810	-.181	.049	.019	-.487	140	860	-.166	.017	-.112	-.229	150	24	-.142	.017	-.071	-.189
140	811	-.138	.056	.040	-.578	140	861	-.158	.016	-.105	-.224	150	25	-.138	.018	-.065	-.207
140	812	-.189	.063	.016	-.786	140	862	-.168	.018	-.107	-.245	150	26	-.136	.017	-.062	-.184
140	813	-.153	.043	-.034	-.440	140	863	-.139	.016	-.086	-.193	150	27	-.138	.018	-.061	-.208
140	814	-.184	.042	-.053	-.460	140	864	-.177	.019	-.109	-.249	150	28	-.138	.018	-.071	-.191
140	815	-.177	.043	-.033	-.457	140	865	-.127	.016	-.069	-.188	150	29	-.151	.020	-.086	-.262
140	816	-.189	.052	-.044	-.611	140	866	-.158	.016	-.110	-.212	150	30	-.134	.020	-.053	-.187
140	817	-.161	.053	-.024	-.614	140	867	-.142	.016	-.085	-.202	150	31	-.132	.018	-.061	-.184
140	818	-.199	.042	-.054	-.401	140	868	-.149	.017	-.095	-.212	150	91	-.144	.017	-.092	-.205
140	819	-.196	.048	-.024	-.643	140	869	-.141	.017	-.084	-.214	150	92	-.151	.017	-.099	-.210
140	820	-.200	.048	.004	-.631	140	870	-.165	.017	-.105	-.210	150	93	-.139	.018	-.078	-.212
140	821	-.169	.039	-.021	-.410	140	901	-.206	.053	-.052	-.472	150	94	-.165	.018	-.090	-.244
140	822	-.189	.039	-.063	-.414	140	902	-.196	.047	-.025	-.618	150	95	-.148	.018	-.090	-.201
140	823	-.176	.038	-.009	-.391	140	903	-.195	.051	-.029	-.674	150	101	-.245	.091	-.004	-.822
140	824	-.175	.040	.005	-.394	140	904	-.092	.086	.348	-.335	150	102	-.246	.079	-.008	-.826
140	825	-.166	.042	-.023	-.470	140	905	-.025	.116	.628	-.345	150	103	-.220	.077	-.001	-.689
140	826	-.158	.046	-.018	-.469	140	906	-.035	.112	.504	-.343	150	104	-.249	.077	-.050	-.863
140	827	-.146	.037	-.028	-.315	140	907	-.202	.055	-.027	-.523	150	105	-.183	.074	-.015	-.607
140	828	-.171	.034	-.062	-.326	140	908	-.192	.046	-.059	-.471	150	106	-.184	.075	.005	-.682
140	829	-.119	.033	-.007	-.359	140	909	-.195	.057	.025	-.633	150	107	-.209	.063	-.034	-.547
140	830	-.169	.033	-.025	-.312	140	910	-.096	.081	.414	-.313	150	108	-.169	.057	-.006	-.622
140	831	-.173	.036	-.004	-.337	140	911	-.032	.114	.519	-.298	150	109	-.227	.081	-.023	-.727

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
150	110	-.240	.077	-.030	-.679	150	160	-.135	.022	-.016	-.208	150	320	-.191	.077	.131	-.729
150	111	-.193	.060	-.010	-.583	150	161	-.129	.025	-.047	-.191	150	321	-.208	.041	-.065	-.434
150	112	-.224	.062	-.054	-.588	150	201	-.217	.061	-.020	-.614	150	322	-.207	.044	-.043	-.463
150	113	-.213	.068	-.045	-.626	150	202	-.194	.060	.017	-.475	150	323	-.212	.056	.056	-.722
150	114	-.145	.064	.002	-.605	150	203	-.205	.055	-.022	-.485	150	324	-.192	.070	.247	-.748
150	115	-.193	.054	-.024	-.645	150	204	-.197	.051	-.027	-.559	150	325	-.177	.077	.330	-.549
150	116	-.219	.078	-.050	-.740	150	205	-.188	.053	-.016	-.492	150	326	-.168	.082	.203	-.482
150	117	-.228	.072	-.056	-.733	150	206	-.189	.052	-.040	-.540	150	327	-.174	.077	.155	-.439
150	118	-.214	.063	-.063	-.685	150	207	-.211	.054	-.025	-.494	150	328	-.194	.038	.060	-.434
150	119	-.198	.053	-.008	-.574	150	208	-.191	.048	-.034	-.527	150	329	-.200	.039	.020	-.420
150	120	-.180	.052	-.002	-.565	150	209	-.187	.047	-.029	-.472	150	330	-.198	.047	.082	-.489
150	121	-.202	.054	.007	-.684	150	210	-.175	.042	-.043	-.369	150	331	-.185	.059	.114	-.463
150	122	-.235	.076	-.058	-.663	150	211	-.199	.045	-.059	-.414	150	332	-.160	.070	.233	-.434
150	123	-.222	.071	-.050	-.637	150	212	-.196	.044	-.073	-.436	150	333	-.150	.075	.254	-.384
150	124	-.188	.056	-.050	-.707	150	213	-.186	.040	-.059	-.374	150	334	-.156	.072	.195	-.419
150	125	-.201	.048	-.076	-.490	150	214	-.172	.045	-.033	-.499	150	335	-.185	.030	-.077	-.570
150	126	-.193	.043	-.061	-.484	150	215	-.182	.033	-.090	-.358	150	336	-.178	.031	-.037	-.407
150	127	-.191	.044	-.050	-.528	150	216	-.183	.035	-.087	-.426	150	337	-.167	.045	.120	-.308
150	128	-.201	.064	-.007	-.653	150	217	-.172	.027	-.087	-.299	150	338	-.153	.059	.188	-.311
150	129	-.214	.062	-.022	-.633	150	218	-.196	.030	-.107	-.339	150	339	-.134	.067	.211	-.328
150	130	-.196	.049	-.024	-.644	150	219	-.183	.031	-.103	-.336	150	340	-.125	.067	.339	-.335
150	131	-.182	.037	-.043	-.437	150	220	-.172	.025	-.090	-.270	150	341	-.141	.059	.106	-.351
150	132	-.163	.037	-.059	-.411	150	221	-.172	.025	-.101	-.298	150	342	-.166	.024	-.053	-.251
150	133	-.186	.038	-.059	-.516	150	222	-.174	.023	-.090	-.269	150	343	-.159	.033	.020	-.265
150	134	-.219	.060	-.080	-.629	150	223	-.164	.025	-.073	-.270	150	344	-.138	.041	.087	-.259
150	135	-.206	.057	-.087	-.579	150	224	-.143	.025	-.054	-.227	150	345	-.126	.051	.173	-.318
150	136	-.174	.046	-.050	-.407	150	225	-.152	.019	-.087	-.230	150	346	-.104	.053	.191	-.289
150	137	-.185	.034	-.085	-.370	150	226	-.167	.021	-.100	-.252	150	347	-.108	.051	.165	-.304
150	138	-.178	.029	-.090	-.298	150	227	-.157	.018	-.089	-.230	150	348	-.116	.048	.138	-.319
150	139	-.175	.028	-.087	-.311	150	228	-.111	.015	-.040	-.153	150	349	-.160	.028	-.030	-.251
150	140	-.208	.046	-.092	-.476	150	229	-.154	.018	-.087	-.212	150	350	-.139	.033	.051	-.246
150	141	-.204	.046	-.089	-.509	150	301	-.211	.078	.405	-.657	150	351	-.119	.040	.134	-.231
150	142	-.205	.042	-.090	-.505	150	302	-.215	.084	.548	-.971	150	352	-.095	.044	.219	-.243
150	143	-.182	.031	-.075	-.359	150	303	-.151	.095	.704	-.664	150	353	-.090	.043	.164	-.232
150	144	-.168	.028	-.076	-.301	150	304	-.156	.099	.494	-.643	150	354	-.101	.043	.095	-.247
150	145	-.171	.028	-.094	-.381	150	305	-.153	.090	.231	-.473	150	355	-.126	.028	.019	-.204
150	146	-.189	.040	-.071	-.364	150	306	-.200	.067	.137	-.575	150	356	-.151	.029	-.038	-.258
150	147	-.183	.040	-.077	-.387	150	307	-.156	.077	.259	-.480	150	357	-.134	.032	.020	-.257
150	148	-.168	.037	-.066	-.404	150	308	-.217	.069	.149	-.744	150	358	-.109	.036	.052	-.220
150	149	-.154	.028	-.072	-.300	150	309	-.204	.071	.245	-.509	150	359	-.102	.038	.068	-.189
150	150	-.162	.024	-.073	-.252	150	310	-.179	.094	.418	-.532	150	360	-.102	.038	.074	-.201
150	151	-.152	.022	-.059	-.242	150	311	-.146	.098	.248	-.449	150	361	-.109	.036	.157	-.213
150	152	-.149	.028	-.059	-.294	150	312	-.168	.088	.169	-.498	150	362	-.119	.032	.043	-.246
150	153	-.148	.027	-.048	-.283	150	313	-.205	.052	-.015	-.547	150	363	-.161	.030	-.026	-.269
150	154	-.140	.020	-.049	-.235	150	314	-.173	.051	.039	-.479	150	364	-.119	.034	.024	-.211
150	155	-.139	.022	-.056	-.214	150	315	-.201	.074	.203	-.701	150	365	-.129	.027	-.007	-.239
150	156	-.141	.020	-.044	-.210	150	316	-.142	.091	.310	-.504	150	366	-.167	.030	-.009	-.284
150	157	-.147	.020	-.070	-.208	150	317	-.171	.081	.242	-.571	150	367	-.154	.030	.027	-.233
150	158	-.161	.023	-.049	-.259	150	318	-.211	.047	.061	-.525	150	368	-.144	.031	.033	-.239
150	159	-.142	.023	-.026	-.225	150	319	-.198	.068	.211	-.564	150	369	-.113	.034	.060	-.223

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	370	-.120	.029	.052	-.208	150	544	-.164	.023	-.081	-.288	150	714	-.164	.043	-.028	-.486
150	371	-.127	.027	.035	-.218	150	545	-.179	.022	-.087	-.293	150	715	-.168	.033	-.077	-.328
150	372	-.136	.026	-.017	-.234	150	546	-.154	.022	-.077	-.281	150	716	-.166	.032	-.063	-.326
150	373	-.166	.024	-.061	-.253	150	547	-.182	.021	-.115	-.279	150	717	-.162	.029	-.071	-.431
150	374	-.153	.025	-.038	-.249	150	548	-.179	.032	-.090	-.307	150	718	-.153	.027	-.067	-.276
150	375	-.121	.027	.027	-.209	150	549	-.195	.032	-.113	-.322	150	719	-.163	.027	-.077	-.266
150	376	-.136	.025	-.000	-.211	150	550	-.167	.026	-.084	-.274	150	720	-.161	.024	-.090	-.262
150	377	-.133	.023	.002	-.204	150	551	-.194	.025	-.115	-.291	150	721	-.156	.022	-.082	-.233
150	501	-.175	.097	.571	-.593	150	552	-.183	.024	-.111	-.293	150	722	-.161	.022	-.050	-.270
150	502	-.186	.094	.265	-.667	150	553	-.187	.025	-.117	-.302	150	723	-.149	.018	-.085	-.230
150	503	-.187	.091	.350	-.685	150	554	-.195	.025	-.121	-.304	150	724	-.154	.022	-.080	-.274
150	504	-.198	.087	.539	-.683	150	555	-.168	.025	-.082	-.294	150	725	-.149	.020	-.085	-.214
150	505	-.170	.075	.195	-.799	150	556	-.175	.022	-.107	-.274	150	726	-.169	.019	-.097	-.256
150	506	-.184	.079	.311	-.481	150	557	-.181	.025	-.102	-.312	150	727	-.172	.018	-.106	-.232
150	507	-.205	.066	.093	-.805	150	558	-.217	.033	-.129	-.368	150	728	-.149	.020	-.090	-.235
150	508	-.186	.067	.128	-.521	150	559	-.218	.033	-.104	-.366	150	729	-.161	.020	-.089	-.225
150	509	-.168	.060	.167	-.430	150	560	-.225	.031	-.133	-.378	150	801	-.193	.058	-.010	-.559
150	510	-.181	.059	.291	-.457	150	561	-.218	.033	-.122	-.414	150	802	-.156	.054	.006	-.402
150	511	-.162	.051	.196	-.413	150	562	-.164	.016	-.092	-.225	150	803	-.195	.062	.025	-.641
150	512	-.200	.050	.079	-.491	150	563	-.151	.017	-.080	-.208	150	804	-.192	.072	.015	-.590
150	514	-.175	.067	.272	-.509	150	564	-.154	.017	-.090	-.206	150	805	-.212	.083	.007	-.748
150	515	-.149	.048	.287	-.404	150	565	-.155	.019	-.080	-.242	150	806	-.184	.051	.026	-.515
150	516	-.130	.044	.175	-.479	150	566	-.174	.022	-.089	-.346	150	807	-.199	.075	.015	-.723
150	517	-.180	.058	.140	-.488	150	567	-.178	.029	-.097	-.407	150	808	-.195	.058	.024	-.723
150	518	-.150	.048	.160	-.478	150	568	-.218	.051	-.121	-.495	150	809	-.181	.058	.043	-.545
150	519	-.191	.042	.046	-.470	150	569	-.148	.017	-.087	-.207	150	810	-.188	.064	.076	-.586
150	520	-.163	.054	.103	-.400	150	570	-.158	.016	-.101	-.213	150	811	-.131	.067	.109	-.536
150	521	-.139	.049	.115	-.397	150	571	-.151	.017	-.085	-.210	150	812	-.201	.081	.065	-.796
150	522	-.155	.054	.166	-.410	150	572	-.155	.015	-.082	-.201	150	813	-.152	.044	-.013	-.397
150	523	-.192	.052	.141	-.425	150	573	-.151	.018	-.075	-.212	150	814	-.185	.045	-.036	-.413
150	524	-.129	.037	.058	-.315	150	574	-.157	.017	-.089	-.213	150	815	-.173	.049	-.016	-.549
150	525	-.194	.042	.062	-.463	150	575	-.146	.016	-.075	-.203	150	816	-.190	.062	-.037	-.918
150	526	-.170	.040	.028	-.424	150	576	-.152	.017	-.092	-.204	150	817	-.166	.063	-.008	-.760
150	527	-.186	.054	.086	-.469	150	577	-.150	.018	-.082	-.199	150	818	-.196	.045	-.032	-.436
150	528	-.162	.048	.068	-.351	150	578	-.162	.018	-.099	-.213	150	819	-.191	.050	0.000	-.494
150	529	-.183	.046	.088	-.384	150	579	-.150	.018	-.090	-.203	150	820	-.204	.055	-.005	-.583
150	530	-.163	.041	.108	-.358	150	580	-.158	.016	-.099	-.211	150	821	-.166	.040	-.044	-.353
150	531	-.200	.037	-.014	-.439	150	701	-.202	.057	.023	-.550	150	822	-.177	.044	-.030	-.394
150	532	-.176	.037	.012	-.444	150	702	-.198	.051	-.044	-.446	150	823	-.174	.041	-.037	-.386
150	533	-.196	.037	-.056	-.439	150	703	-.150	.055	.007	-.468	150	824	-.177	.045	-.032	-.538
150	534	-.161	.044	.134	-.351	150	704	-.193	.060	-.023	-.612	150	825	-.172	.049	-.009	-.423
150	535	-.190	.043	.118	-.360	150	705	-.199	.062	-.018	-.709	150	826	-.154	.053	.042	-.582
150	536	-.170	.038	.031	-.332	150	706	-.196	.049	-.059	-.456	150	827	-.137	.040	.000	-.328
150	537	-.188	.032	-.034	-.317	150	707	-.193	.049	-.062	-.432	150	828	-.172	.039	-.004	-.376
150	538	-.160	.015	-.091	-.223	150	708	-.200	.050	-.062	-.471	150	829	-.111	.037	.040	-.270
150	539	-.191	.027	-.067	-.321	150	709	-.203	.047	-.031	-.436	150	830	-.174	.043	-.005	-.488
150	540	-.196	.027	-.078	-.378	150	710	-.171	.045	-.021	-.369	150	831	-.180	.051	-.028	-.620
150	541	-.194	.036	-.032	-.327	150	711	-.182	.045	-.015	-.376	150	832	-.183	.051	-.022	-.580
150	542	-.169	.033	-.033	-.286	150	712	-.180	.044	-.028	-.446	150	833	-.156	.031	-.072	-.339
150	543	-.194	.029	-.071	-.298	150	713	-.178	.041	-.038	-.359	150	834	-.165	.026	-.103	-.304

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
150	835	-.161	.027	-.071	-.295	150	915	-.183	.082	.141	-.535	160	113	-.216	.051	-.034	-.591
150	836	-.160	.027	-.073	-.298	150	916	-.172	.094	.238	-.557	160	114	-.149	.049	.031	-1.039
150	837	-.154	.031	-.063	-.538	160	1	-.159	.019	-.074	-.220	160	115	-.203	.049	-.029	-.469
150	838	-.169	.032	-.067	-.524	160	2	-.126	.022	-.043	-.235	160	116	-.216	.048	-.063	-.544
150	839	-.160	.024	-.092	-.343	160	3	-.132	.030	.046	-.238	160	117	-.232	.047	-.061	-.552
150	840	-.184	.029	-.060	-.323	160	4	-.100	.021	-.024	-.181	160	118	-.217	.044	-.065	-.498
150	841	-.153	.024	-.075	-.288	160	5	-.163	.020	-.083	-.220	160	119	-.208	.044	-.059	-.544
150	842	-.181	.024	-.094	-.270	160	6	-.128	.021	-.044	-.231	160	120	-.189	.044	-.014	-.425
150	843	-.158	.023	-.080	-.230	160	7	-.163	.018	-.078	-.259	160	121	-.214	.047	-.039	-.485
150	844	-.199	.027	-.099	-.306	160	8	-.155	.019	-.072	-.226	160	122	-.234	.043	-.065	-.474
150	845	-.182	.025	-.111	-.307	160	9	-.142	.025	-.033	-.212	160	123	-.225	.042	-.059	-.481
150	846	-.173	.021	-.116	-.251	160	10	-.153	.025	-.017	-.232	160	124	-.193	.039	-.028	-.376
150	847	-.160	.024	-.095	-.327	160	11	-.117	.023	-.004	-.214	160	125	-.208	.038	-.070	-.429
150	848	-.185	.020	-.131	-.249	160	12	-.156	.021	-.068	-.226	160	126	-.205	.039	-.060	-.361
150	849	-.184	.020	-.118	-.261	160	13	-.096	.020	-.002	-.161	160	127	-.204	.041	-.054	-.373
150	850	-.177	.022	-.111	-.287	160	14	-.161	.020	-.088	-.223	160	128	-.200	.039	-.061	-.369
150	851	-.174	.022	-.100	-.250	160	15	-.161	.019	-.087	-.234	160	129	-.218	.037	-.073	-.386
150	852	-.185	.021	-.118	-.279	160	16	-.129	.022	-.053	-.202	160	130	-.208	.032	-.093	-.366
150	853	-.172	.018	-.101	-.239	160	17	-.120	.022	-.039	-.201	160	131	-.197	.029	-.094	-.359
150	854	-.170	.018	-.114	-.256	160	18	-.094	.021	-.011	-.170	160	132	-.176	.027	-.082	-.304
150	855	-.152	.017	-.102	-.218	160	19	-.153	.018	-.077	-.235	160	133	-.200	.029	-.104	-.374
150	856	-.182	.019	-.126	-.267	160	20	-.154	.019	-.076	-.229	160	134	-.216	.043	-.065	-.472
150	857	-.176	.019	-.114	-.256	160	21	-.164	.020	-.085	-.238	160	135	-.205	.037	-.089	-.403
150	858	-.169	.016	-.119	-.231	160	22	-.147	.019	-.060	-.217	160	136	-.178	.032	-.077	-.383
150	859	-.153	.017	-.095	-.216	160	23	-.149	.019	-.063	-.223	160	137	-.195	.026	-.106	-.331
150	860	-.177	.016	-.121	-.237	160	24	-.161	.018	-.093	-.215	160	138	-.189	.025	-.101	-.335
150	861	-.170	.017	-.118	-.232	160	25	-.160	.019	-.091	-.231	160	139	-.187	.025	-.103	-.352
150	862	-.174	.018	-.119	-.251	160	26	-.156	.018	-.091	-.214	160	140	-.214	.044	-.041	-.476
150	863	-.152	.017	-.092	-.213	160	27	-.161	.019	-.097	-.242	160	141	-.209	.043	-.049	-.489
150	864	-.184	.018	-.128	-.257	160	28	-.154	.018	-.077	-.215	160	142	-.195	.036	-.076	-.399
150	865	-.121	.015	-.060	-.173	160	29	-.163	.019	-.085	-.225	160	143	-.188	.027	-.106	-.318
150	866	-.170	.016	-.121	-.220	160	30	-.149	.021	-.078	-.215	160	144	-.181	.025	-.096	-.285
150	867	-.147	.016	-.092	-.217	160	31	-.150	.018	-.070	-.199	160	145	-.183	.025	-.107	-.320
150	868	-.153	.016	-.094	-.234	160	91	-.149	.019	-.073	-.214	160	146	-.201	.043	-.090	-.449
150	869	-.145	.016	-.085	-.248	160	92	-.155	.019	-.076	-.211	160	147	-.197	.042	-.085	-.417
150	870	-.164	.017	-.102	-.234	160	93	-.161	.022	-.004	-.261	160	148	-.179	.035	-.074	-.374
150	901	-.200	.052	-.022	-.456	160	94	-.182	.019	-.092	-.307	160	149	-.169	.025	-.076	-.365
150	902	-.193	.049	-.027	-.451	160	95	-.155	.020	-.077	-.228	160	150	-.174	.022	-.093	-.271
150	903	-.199	.058	.055	-.637	160	101	-.216	.076	-.004	-.684	160	151	-.168	.020	-.074	-.251
150	904	-.211	.052	.137	-.424	160	102	-.228	.071	-.006	-.635	160	152	-.162	.026	-.079	-.285
150	905	-.193	.069	.271	-.467	160	103	-.215	.078	.020	-.575	160	153	-.162	.024	-.080	-.288
150	906	-.175	.086	.316	-.539	160	104	-.190	.069	.066	-.666	160	154	-.152	.022	-.055	-.240
150	907	-.203	.055	-.038	-.474	160	105	-.188	.067	.013	-.515	160	155	-.157	.020	-.067	-.242
150	908	-.194	.057	-.013	-.495	160	106	-.179	.059	.016	-.895	160	156	-.155	.021	-.079	-.221
150	909	-.205	.067	.027	-.650	160	107	-.210	.059	-.032	-.538	160	157	-.158	.021	-.061	-.217
150	910	-.204	.069	.411	-.574	160	108	-.177	.058	-.006	-.685	160	158	-.168	.024	-.090	-.311
150	911	-.182	.085	.331	-.524	160	109	-.211	.056	-.025	-.659	160	159	-.156	.023	-.060	-.302
150	912	-.158	.094	.302	-.474	160	110	-.227	.055	-.018	-.549	160	160	-.153	.021	-.067	-.235
150	913	-.202	.089	.354	-.562	160	111	-.196	.055	-.012	-.636	160	161	-.149	.022	-.040	-.217
150	914	-.198	.088	.207	-.557	160	112	-.220	.058	-.030	-.580	160	201	-.215	.066	-.032	-.570

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	202	-.208	.066	-.013	-.583	160	323	-.246	.045	-.089	-.495	160	373	-.183	.025	-.089	-.296
160	203	-.212	.062	-.025	-.615	160	324	-.241	.052	-.059	-.594	160	374	-.175	.027	-.079	-.284
160	204	-.211	.061	-.017	-.565	160	325	-.241	.049	-.031	-.527	160	375	-.142	.027	.015	-.238
160	205	-.193	.056	-.035	-.488	160	326	-.247	.056	.010	-.679	160	376	-.123	.027	-.002	-.221
160	206	-.194	.055	.013	-.509	160	327	-.251	.057	.019	-.519	160	377	-.150	.027	-.023	-.266
160	207	-.217	.061	-.054	-.644	160	328	-.232	.041	-.118	-.698	160	501	-.171	.107	.277	-.597
160	208	-.203	.055	-.034	-.504	160	329	-.233	.038	-.103	-.425	160	502	-.170	.111	.395	-.609
160	209	-.203	.052	-.017	-.500	160	330	-.238	.039	-.101	-.481	160	503	-.171	.114	.508	-.569
160	210	-.185	.042	-.035	-.456	160	331	-.244	.042	-.106	-.602	160	504	-.196	.111	.299	-.764
160	211	-.208	.045	-.051	-.545	160	332	-.234	.044	-.063	-.501	160	505	-.180	.088	.478	-.790
160	212	-.208	.044	-.053	-.548	160	333	-.236	.051	-.008	-.504	160	506	-.180	.095	.313	-.642
160	213	-.197	.037	-.057	-.458	160	334	-.241	.056	-.038	-.531	160	507	-.208	.091	.315	-.595
160	214	-.187	.044	-.061	-.509	160	335	-.221	.030	-.108	-.361	160	508	-.189	.079	.247	-.651
160	215	-.197	.029	-.104	-.321	160	336	-.215	.027	-.102	-.350	160	509	-.160	.075	.216	-.453
160	216	-.198	.028	-.105	-.306	160	337	-.228	.028	-.087	-.335	160	510	-.175	.078	.273	-.502
160	217	-.186	.025	-.096	-.278	160	338	-.229	.032	-.012	-.344	160	511	-.159	.070	.238	-.428
160	218	-.180	.025	-.097	-.287	160	339	-.228	.039	-.032	-.344	160	512	-.210	.066	.152	-.484
160	219	-.187	.025	-.106	-.290	160	340	-.217	.047	-.027	-.395	160	514	-.178	.078	.193	-.473
160	220	-.179	.024	-.089	-.289	160	341	-.224	.052	.029	-.481	160	515	-.173	.058	.185	-.402
160	221	-.182	.024	-.092	-.284	160	342	-.202	.022	-.130	-.281	160	516	-.162	.051	.101	-.393
160	222	-.165	.024	-.069	-.290	160	343	-.208	.025	-.110	-.288	160	517	-.187	.064	.162	-.435
160	223	-.173	.025	-.074	-.297	160	344	-.203	.026	-.102	-.298	160	518	-.153	.069	.207	-.405
160	224	-.162	.023	-.072	-.266	160	345	-.199	.033	-.047	-.305	160	519	-.232	.055	.048	-.502
160	225	-.161	.021	-.073	-.229	160	346	-.185	.039	.014	-.335	160	520	-.174	.062	.150	-.494
160	226	-.162	.024	-.069	-.245	160	347	-.178	.042	.057	-.311	160	521	-.140	.066	.217	-.379
160	227	-.163	.019	-.085	-.224	160	348	-.171	.043	.043	-.352	160	522	-.155	.071	.277	-.406
160	228	-.114	.019	-.035	-.172	160	349	-.184	.023	-.084	-.263	160	523	-.197	.073	.299	-.437
160	229	-.161	.021	-.084	-.232	160	350	-.182	.027	-.066	-.269	160	524	-.148	.052	.190	-.331
160	301	-.261	.099	.014	-.970	160	351	-.177	.034	-.016	-.285	160	525	-.212	.054	.068	-.502
160	302	-.262	.090	.033	-1.015	160	352	-.152	.040	.022	-.289	160	526	-.199	.047	.009	-.605
160	303	-.217	.089	.150	-.766	160	353	-.134	.048	.093	-.279	160	527	-.190	.062	.078	-.458
160	304	-.237	.088	.314	-.903	160	354	-.132	.047	.076	-.278	160	528	-.158	.064	.154	-.377
160	305	-.221	.084	.167	-.683	160	355	-.147	.029	-.003	-.251	160	529	-.177	.067	.168	-.419
160	306	-.272	.095	-.003	-.877	160	356	-.138	.030	.002	-.242	160	530	-.163	.064	.192	-.448
160	307	-.233	.082	.104	-.596	160	357	-.163	.036	-.000	-.275	160	531	-.210	.059	.128	-.519
160	308	-.262	.089	.043	-.810	160	358	-.140	.042	.068	-.270	160	532	-.193	.051	.065	-.476
160	309	-.243	.076	.108	-.716	160	359	-.128	.047	.062	-.278	160	533	-.220	.048	.002	-.528
160	310	-.235	.077	.210	-.763	160	360	-.087	.047	.118	-.219	160	534	-.162	.059	.233	-.399
160	311	-.213	.073	.165	-.491	160	361	-.117	.047	.127	-.285	160	535	-.187	.063	.194	-.412
160	312	-.225	.077	.168	-.624	160	362	-.123	.046	.175	-.351	160	536	-.169	.063	.366	-.370
160	313	-.257	.067	-.084	-.634	160	363	-.180	.031	-.013	-.292	160	537	-.192	.058	.267	-.370
160	314	-.216	.062	-.047	-.527	160	364	-.126	.035	.073	-.262	160	538	-.176	.023	-.067	-.238
160	315	-.258	.063	-.042	-.646	160	365	-.143	.039	.072	-.335	160	539	-.212	.038	.089	-.383
160	316	-.243	.061	.029	-.636	160	366	-.186	.028	-.072	-.293	160	540	-.224	.035	-.012	-.383
160	317	-.245	.065	-.024	-.552	160	367	-.179	.027	-.058	-.268	160	541	-.209	.040	-.036	-.434
160	318	-.254	.059	-.075	-.703	160	368	-.142	.030	.011	-.244	160	542	-.181	.037	.005	-.376
160	319	-.244	.057	.155	-.533	160	369	-.143	.038	.029	-.280	160	543	-.210	.033	-.032	-.351
160	320	-.230	.060	.070	-.513	160	370	-.144	.032	.086	-.235	160	544	-.187	.031	-.041	-.363
160	321	-.231	.041	-.098	-.502	160	371	-.144	.033	.046	-.271	160	545	-.202	.028	-.097	-.367
160	322	-.238	.041	-.097	-.538	160	372	-.128	.033	.073	-.256	160	546	-.182	.026	-.083	-.365

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
160	547	-.205	.024	-.121	-.412	160	717	-.176	.024	-.089	-.275	160	838	-.207	.056	-.009	-.555
160	548	-.190	.030	-.094	-.298	160	718	-.163	.023	-.100	-.315	160	839	-.177	.021	-.088	-.277
160	549	-.205	.027	-.121	-.308	160	719	-.174	.022	-.108	-.328	160	840	-.195	.025	-.123	-.308
160	550	-.181	.024	-.109	-.275	160	720	-.173	.021	-.097	-.270	160	841	-.173	.026	-.075	-.330
160	551	-.204	.021	-.118	-.287	160	721	-.169	.020	-.098	-.266	160	842	-.203	.034	-.079	-.623
160	552	-.196	.022	-.124	-.287	160	722	-.177	.022	-.082	-.255	160	843	-.176	.030	-.080	-.581
160	553	-.196	.022	-.118	-.373	160	723	-.160	.020	-.099	-.236	160	844	-.219	.036	-.076	-.593
160	554	-.204	.022	-.129	-.382	160	724	-.162	.022	-.070	-.246	160	845	-.191	.025	-.101	-.327
160	555	-.204	.028	-.131	-.358	160	725	-.165	.019	-.087	-.223	160	846	-.187	.023	-.109	-.277
160	556	-.205	.026	-.136	-.326	160	726	-.174	.020	-.104	-.241	160	847	-.165	.022	-.085	-.251
160	557	-.198	.022	-.135	-.442	160	727	-.180	.019	-.116	-.241	160	848	-.201	.025	-.108	-.290
160	558	-.213	.022	-.148	-.319	160	728	-.152	.020	-.073	-.239	160	849	-.199	.028	-.082	-.313
160	559	-.209	.028	-.136	-.396	160	729	-.176	.019	-.101	-.236	160	850	-.190	.025	-.116	-.321
160	560	-.210	.026	-.141	-.348	160	801	-.216	.077	-.000	-.578	160	851	-.183	.029	-.056	-.296
160	561	-.205	.029	-.125	-.361	160	802	-.181	.072	-.041	-.543	160	852	-.197	.023	-.116	-.300
160	562	-.184	.020	-.124	-.331	160	803	-.227	.078	-.003	-.681	160	853	-.188	.021	-.106	-.260
160	563	-.172	.018	-.112	-.271	160	804	-.234	.086	-.000	-.693	160	854	-.195	.022	-.079	-.299
160	564	-.180	.018	-.098	-.269	160	805	-.257	.095	-.020	-.689	160	855	-.166	.021	-.089	-.258
160	565	-.178	.018	-.108	-.238	160	806	-.213	.075	-.014	-.771	160	856	-.211	.023	-.093	-.308
160	566	-.193	.019	-.127	-.258	160	807	-.254	.105	-.015	-.937	160	857	-.182	.024	-.065	-.310
160	567	-.189	.023	-.114	-.311	160	808	-.220	.074	-.033	-.733	160	858	-.181	.019	-.075	-.238
160	568	-.202	.037	-.126	-.581	160	809	-.203	.071	-.000	-.601	160	859	-.156	.021	-.051	-.224
160	569	-.175	.018	-.115	-.233	160	810	-.214	.079	-.017	-.832	160	860	-.193	.019	-.113	-.253
160	570	-.184	.017	-.129	-.241	160	811	-.180	.085	-.051	-.715	160	861	-.191	.018	-.120	-.257
160	571	-.173	.018	-.107	-.233	160	812	-.243	.102	-.025	-.866	160	862	-.179	.021	-.087	-.250
160	572	-.179	.015	-.126	-.231	160	813	-.172	.059	-.015	-.557	160	863	-.170	.020	-.111	-.251
160	573	-.176	.018	-.108	-.233	160	814	-.205	.058	-.035	-.559	160	864	-.191	.020	-.111	-.266
160	574	-.186	.016	-.122	-.238	160	815	-.200	.059	-.014	-.538	160	865	-.131	.018	-.072	-.227
160	575	-.174	.016	-.112	-.226	160	816	-.229	.073	-.032	-.873	160	866	-.186	.017	-.118	-.236
160	576	-.177	.018	-.119	-.243	160	817	-.207	.075	-.006	-.724	160	867	-.158	.019	-.061	-.230
160	577	-.172	.018	-.110	-.233	160	818	-.216	.056	-.032	-.513	160	868	-.168	.020	-.094	-.248
160	578	-.182	.018	-.119	-.255	160	819	-.215	.059	-.005	-.576	160	869	-.159	.019	-.087	-.228
160	579	-.172	.018	-.112	-.242	160	820	-.235	.064	-.068	-.665	160	870	-.161	.020	-.087	-.231
160	580	-.180	.018	-.124	-.245	160	821	-.188	.050	-.021	-.474	160	901	-.208	.059	-.032	-.536
160	701	-.204	.072	-.004	-.681	160	822	-.203	.048	-.051	-.460	160	902	-.215	.059	.042	-.521
160	702	-.208	.057	-.056	-.463	160	823	-.203	.051	-.021	-.572	160	903	-.220	.067	.030	-.623
160	703	-.168	.061	-.003	-.445	160	824	-.211	.055	-.041	-.550	160	904	-.253	.055	.073	-.540
160	704	-.198	.067	-.004	-.604	160	825	-.209	.058	-.028	-.607	160	905	-.243	.055	.030	-.483
160	705	-.201	.066	-.003	-.612	160	826	-.188	.060	-.044	-.645	160	906	-.227	.058	.040	-.485
160	706	-.203	.056	-.014	-.571	160	827	-.154	.040	-.004	-.363	160	907	-.210	.059	-.026	-.506
160	707	-.204	.052	-.040	-.476	160	828	-.191	.043	-.014	-.454	160	908	-.217	.070	-.010	-.583
160	708	-.210	.057	-.049	-.545	160	829	-.133	.040	-.009	-.351	160	909	-.236	.087	.009	-.911
160	709	-.212	.052	-.054	-.515	160	830	-.204	.049	-.060	-.510	160	910	-.246	.073	.209	-.642
160	710	-.183	.046	-.023	-.455	160	831	-.217	.056	-.044	-.557	160	911	-.226	.071	.295	-.578
160	711	-.194	.046	-.027	-.479	160	832	-.220	.056	-.052	-.608	160	912	-.218	.074	.175	-.499
160	712	-.192	.044	-.042	-.459	160	833	-.174	.030	-.081	-.422	160	913	-.229	.096	.173	-.684
160	713	-.191	.040	-.043	-.392	160	834	-.181	.025	-.096	-.347	160	914	-.210	.089	.196	-.504
160	714	-.176	.038	-.039	-.336	160	835	-.184	.035	-.059	-.433	160	915	-.199	.091	.259	-.528
160	715	-.184	.028	-.099	-.328	160	836	-.190	.045	-.055	-.573	160	916	-.188	.103	.256	-.584
160	716	-.183	.027	-.095	-.315	160	837	-.194	.052	-.007	-.530	170	1	-.190	.025	-.106	-.292

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	2	-.160	.027	-.066	-.303	170	116	-.229	.047	-.009	-.439	170	205	-.220	.056	-.012	-.543
170	3	-.167	.032	-.058	-.310	170	117	-.238	.046	-.010	-.458	170	206	-.214	.052	-.054	-.454
170	4	-.130	.024	-.033	-.231	170	118	-.230	.043	-.048	-.417	170	207	-.239	.054	-.047	-.521
170	5	-.200	.027	-.118	-.394	170	119	-.224	.043	-.059	-.409	170	208	-.230	.056	-.039	-.475
170	6	-.162	.025	-.066	-.262	170	120	-.217	.046	-.068	-.432	170	209	-.224	.051	-.017	-.576
170	7	-.196	.026	-.119	-.324	170	121	-.238	.048	-.080	-.506	170	210	-.222	.046	-.049	-.444
170	8	-.182	.026	-.054	-.331	170	122	-.238	.044	-.084	-.482	170	211	-.238	.048	-.068	-.470
170	9	-.172	.025	-.022	-.272	170	123	-.230	.043	-.080	-.479	170	212	-.239	.047	-.094	-.465
170	10	-.187	.034	-.000	-.357	170	124	-.216	.040	-.045	-.404	170	213	-.229	.042	-.093	-.444
170	11	-.140	.025	-.043	-.266	170	125	-.229	.039	-.085	-.451	170	214	-.225	.046	-.061	-.439
170	12	-.178	.025	-.077	-.290	170	126	-.226	.039	-.072	-.446	170	215	-.239	.037	-.123	-.449
170	13	-.121	.027	-.002	-.277	170	127	-.227	.040	-.087	-.446	170	216	-.245	.042	-.127	-.518
170	14	-.190	.025	-.096	-.319	170	128	-.231	.030	-.106	-.359	170	217	-.209	.032	-.110	-.403
170	15	-.201	.027	-.095	-.334	170	129	-.242	.029	-.116	-.362	170	218	-.204	.032	-.098	-.387
170	16	-.157	.027	-.073	-.277	170	130	-.231	.027	-.129	-.331	170	219	-.213	.033	-.116	-.431
170	17	-.148	.025	-.055	-.261	170	131	-.225	.027	-.123	-.326	170	220	-.192	.025	-.099	-.284
170	18	-.114	.024	-.013	-.193	170	132	-.220	.031	-.092	-.488	170	221	-.192	.025	-.095	-.326
170	19	-.182	.025	-.082	-.313	170	133	-.238	.033	-.111	-.480	170	222	-.195	.029	-.103	-.306
170	20	-.176	.025	-.052	-.303	170	134	-.236	.031	-.117	-.381	170	223	-.191	.026	-.097	-.350
170	21	-.192	.025	-.099	-.335	170	135	-.228	.028	-.116	-.347	170	224	-.181	.027	-.058	-.308
170	22	-.167	.025	-.070	-.401	170	136	-.210	.027	-.089	-.301	170	225	-.183	.024	-.102	-.266
170	23	-.166	.024	-.024	-.248	170	137	-.217	.025	-.118	-.314	170	226	-.184	.026	-.081	-.270
170	24	-.184	.022	-.072	-.276	170	138	-.211	.027	-.106	-.376	170	227	-.186	.022	-.107	-.262
170	25	-.184	.023	-.086	-.318	170	139	-.208	.028	-.103	-.373	170	228	-.130	.024	-.033	-.197
170	26	-.180	.022	-.037	-.286	170	140	-.223	.042	-.080	-.495	170	229	-.182	.026	-.062	-.264
170	27	-.186	.024	-.078	-.316	170	141	-.215	.038	-.100	-.468	170	301	-.302	.123	.003	-1.043
170	28	-.168	.023	-.016	-.250	170	142	-.201	.032	-.107	-.346	170	302	-.286	.100	.038	-.813
170	29	-.166	.029	-.029	-.286	170	143	-.199	.026	-.109	-.318	170	303	-.216	.086	.126	-.577
170	30	-.150	.033	-.078	-.237	170	144	-.194	.026	-.089	-.305	170	304	-.244	.080	.147	-.663
170	31	-.156	.026	-.034	-.236	170	145	-.194	.026	-.086	-.324	170	305	-.225	.080	.136	-.659
170	91	-.169	.022	-.045	-.241	170	146	-.213	.049	-.072	-.501	170	306	-.301	.111	.034	-.875
170	92	-.175	.023	-.067	-.239	170	147	-.212	.043	-.074	-.471	170	307	-.246	.084	.024	-.756
170	93	-.187	.022	-.097	-.356	170	148	-.192	.033	-.091	-.396	170	308	-.279	.105	.346	-.967
170	94	-.209	.022	-.131	-.347	170	149	-.182	.025	-.093	-.290	170	309	-.255	.089	.252	-.792
170	95	-.178	.021	-.073	-.253	170	150	-.176	.023	-.086	-.265	170	310	-.240	.083	.110	-.620
170	101	-.219	.071	-.012	-.591	170	151	-.188	.023	-.097	-.267	170	311	-.221	.076	.256	-.546
170	102	-.237	.072	-.004	-.634	170	152	-.175	.027	-.063	-.346	170	312	-.233	.079	.081	-.731
170	103	-.218	.071	-.013	-.586	170	153	-.174	.024	-.078	-.276	170	313	-.291	.080	-.100	-1.037
170	104	-.219	.070	-.021	-.599	170	154	-.160	.025	-.037	-.258	170	314	-.237	.071	-.059	-.968
170	105	-.197	.070	-.005	-.519	170	155	-.172	.022	-.083	-.239	170	315	-.273	.069	-.041	-.746
170	106	-.187	.062	-.009	-.564	170	156	-.167	.022	-.084	-.236	170	316	-.268	.071	-.053	-.598
170	107	-.221	.059	-.042	-.536	170	157	-.172	.022	-.086	-.239	170	317	-.249	.070	-.015	-.626
170	108	-.187	.055	-.034	-.460	170	158	-.169	.024	-.048	-.255	170	318	-.288	.075	-.039	-.809
170	109	-.216	.056	-.049	-.679	170	159	-.174	.024	-.053	-.257	170	319	-.267	.066	-.027	-.638
170	110	-.235	.055	-.054	-.622	170	160	-.168	.023	-.087	-.239	170	320	-.262	.069	-.017	-.765
170	111	-.213	.058	-.012	-.474	170	161	-.163	.024	-.047	-.232	170	321	-.268	.062	-.087	-.759
170	112	-.232	.052	-.059	-.499	170	201	-.233	.062	-.052	-.487	170	322	-.266	.060	-.076	-.685
170	113	-.225	.048	-.062	-.461	170	202	-.224	.069	-.015	-.552	170	323	-.267	.056	-.091	-.575
170	114	-.162	.049	-.007	-.346	170	203	-.229	.060	-.003	-.538	170	324	-.256	.055	-.088	-.573
170	115	-.221	.050	-.057	-.530	170	204	-.236	.061	-.045	-.581	170	325	-.254	.057	-.065	-.549

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	326	-.255	.058	-.071	-.521	170	376	-.165	.035	-.000	-.336	170	550	-.191	.034	-.062	-.338
170	327	-.259	.060	-.062	-.517	170	377	-.183	.042	-.016	-.427	170	551	-.226	.032	-.117	-.416
170	328	-.262	.055	-.071	-.615	170	501	-.168	.109	.398	-.562	170	552	-.221	.033	-.120	-.383
170	329	-.260	.056	-.047	-.620	170	502	-.160	.120	.531	-.635	170	553	-.221	.038	-.094	-.481
170	330	-.257	.050	-.069	-.579	170	503	-.149	.127	.646	-.645	170	554	-.230	.047	-.093	-.841
170	331	-.258	.049	-.085	-.539	170	504	-.158	.129	.525	-.567	170	555	-.225	.031	-.142	-.391
170	332	-.250	.049	-.071	-.472	170	505	-.164	.125	.599	-.617	170	556	-.224	.031	-.132	-.423
170	333	-.250	.054	-.054	-.660	170	506	-.178	.108	.352	-.489	170	557	-.216	.027	-.119	-.347
170	334	-.253	.058	-.038	-.707	170	507	-.191	.105	.319	-.508	170	558	-.222	.025	-.130	-.324
170	335	-.259	.057	-.062	-.687	170	508	-.177	.103	.410	-.475	170	559	-.222	.026	-.123	-.350
170	336	-.252	.056	-.073	-.684	170	509	-.138	.100	.453	-.514	170	560	-.216	.023	-.146	-.336
170	337	-.258	.034	-.118	-.425	170	510	-.148	.105	.454	-.480	170	561	-.215	.027	-.131	-.414
170	338	-.247	.035	-.096	-.490	170	511	-.125	.093	.416	-.432	170	562	-.212	.023	-.140	-.351
170	339	-.254	.034	-.123	-.396	170	512	-.193	.086	.281	-.508	170	563	-.200	.021	-.130	-.288
170	340	-.254	.041	-.122	-.446	170	514	-.171	.102	.521	-.446	170	564	-.203	.020	-.125	-.288
170	341	-.261	.048	-.115	-.525	170	515	-.180	.084	.312	-.509	170	565	-.204	.020	-.139	-.278
170	342	-.230	.045	-.096	-.528	170	516	-.175	.073	.273	-.475	170	566	-.215	.020	-.150	-.292
170	343	-.232	.045	-.082	-.560	170	517	-.200	.086	.306	-.499	170	567	-.207	.021	-.142	-.302
170	344	-.228	.034	-.073	-.442	170	518	-.140	.094	.391	-.475	170	568	-.211	.023	-.134	-.389
170	345	-.237	.031	-.093	-.373	170	519	-.202	.082	.362	-.471	170	569	-.200	.020	-.094	-.265
170	346	-.233	.034	-.065	-.391	170	520	-.168	.086	.233	-.421	170	570	-.209	.019	-.130	-.275
170	347	-.236	.042	-.058	-.490	170	521	-.141	.090	.457	-.415	170	571	-.201	.020	-.139	-.276
170	348	-.232	.046	-.067	-.480	170	522	-.111	.109	.447	-.378	170	572	-.204	.018	-.137	-.264
170	349	-.210	.032	-.096	-.422	170	523	-.146	.113	.447	-.433	170	573	-.202	.021	-.119	-.265
170	350	-.209	.029	-.083	-.396	170	524	-.149	.078	.386	-.408	170	574	-.210	.019	-.142	-.267
170	351	-.216	.030	-.042	-.295	170	525	-.181	.090	.321	-.556	170	575	-.199	.019	-.135	-.252
170	352	-.201	.037	-.015	-.309	170	526	-.180	.072	.319	-.471	170	576	-.201	.019	-.137	-.271
170	353	-.195	.045	.024	-.326	170	527	-.169	.095	.336	-.430	170	577	-.199	.020	-.131	-.273
170	354	-.188	.048	.127	-.342	170	528	-.120	.099	.406	-.431	170	578	-.211	.021	-.135	-.292
170	355	-.194	.038	-.044	-.361	170	529	-.119	.112	.531	-.429	170	579	-.200	.021	-.125	-.283
170	356	-.176	.028	-.026	-.296	170	530	-.099	.109	.488	-.452	170	580	-.203	.021	-.137	-.290
170	357	-.202	.032	-.016	-.319	170	531	-.159	.099	.346	-.463	170	701	-.233	.080	.034	-.737
170	358	-.194	.040	.031	-.341	170	532	-.158	.088	.453	-.400	170	702	-.230	.060	-.042	-.565
170	359	-.182	.048	.039	-.352	170	533	-.201	.075	.246	-.439	170	703	-.189	.068	.016	-.599
170	360	-.142	.052	.095	-.322	170	534	-.115	.091	.297	-.435	170	704	-.222	.067	-.040	-.679
170	361	-.154	.056	.121	-.347	170	535	-.114	.113	.463	-.454	170	705	-.222	.064	-.030	-.492
170	362	-.153	.056	.092	-.510	170	536	-.075	.122	.576	-.372	170	706	-.237	.056	-.059	-.558
170	363	-.208	.027	-.094	-.352	170	537	-.107	.130	.631	-.393	170	707	-.234	.055	-.073	-.560
170	364	-.174	.038	.002	-.345	170	538	-.111	.070	.166	-.288	170	708	-.240	.053	-.061	-.567
170	365	-.172	.048	.034	-.459	170	539	-.170	.104	.727	-.440	170	709	-.239	.052	-.076	-.487
170	366	-.210	.028	-.082	-.364	170	540	-.209	.079	.322	-.447	170	710	-.221	.049	-.049	-.468
170	367	-.211	.028	-.090	-.359	170	541	-.194	.059	.146	-.459	170	711	-.222	.048	-.037	-.402
170	368	-.196	.030	-.058	-.312	170	542	-.164	.057	.105	-.400	170	712	-.220	.046	-.040	-.401
170	369	-.203	.037	-.005	-.319	170	543	-.194	.058	.127	-.425	170	713	-.225	.044	-.059	-.440
170	370	-.177	.035	.000	-.341	170	544	-.183	.059	.211	-.410	170	714	-.217	.042	-.073	-.416
170	371	-.172	.044	.075	-.535	170	545	-.211	.051	.117	-.434	170	715	-.220	.038	-.118	-.440
170	372	-.153	.048	.090	-.551	170	546	-.189	.044	.055	-.390	170	716	-.221	.036	-.127	-.382
170	373	-.214	.030	-.124	-.381	170	547	-.226	.037	-.077	-.482	170	717	-.198	.031	-.113	-.427
170	374	-.218	.030	-.115	-.364	170	548	-.208	.044	-.061	-.438	170	718	-.195	.030	-.096	-.338
170	375	-.174	.030	-.054	-.302	170	549	-.221	.039	-.066	-.429	170	719	-.195	.029	-.106	-.332

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
170	720	-.186	.025	-.100	-.273	170	841	-.199	.048	-.041	-.588	180	5	-.240	.032	-.151	-.465
170	721	-.182	.024	-.089	-.270	170	842	-.238	.059	-.043	-.954	180	6	-.183	.029	-.080	-.331
170	722	-.208	.021	-.132	-.281	170	843	-.207	.041	-.068	-.646	180	7	-.233	.029	-.145	-.391
170	723	-.171	.026	-.076	-.263	170	844	-.256	.066	-.047	-1.058	180	8	-.206	.030	-.099	-.369
170	724	-.187	.021	-.109	-.257	170	845	-.214	.025	-.124	-.330	180	9	-.202	.026	-.080	-.294
170	725	-.197	.020	-.090	-.249	170	846	-.209	.026	-.092	-.328	180	10	-.219	.041	-.030	-.410
170	726	-.209	.020	-.097	-.269	170	847	-.189	.025	-.070	-.281	180	11	-.152	.032	.019	-.270
170	727	-.214	.019	-.094	-.275	170	848	-.224	.028	-.094	-.349	180	12	-.196	.031	-.007	-.327
170	728	-.183	.021	-.092	-.264	170	849	-.222	.031	-.083	-.409	180	13	-.134	.035	.060	-.288
170	729	-.208	.020	-.104	-.262	170	850	-.216	.027	-.114	-.321	180	14	-.216	.030	-.085	-.396
170	801	-.266	.090	.021	-.823	170	851	-.205	.033	-.003	-.377	180	15	-.240	.034	-.144	-.463
170	802	-.223	.081	.044	-.696	170	852	-.224	.026	-.116	-.329	180	16	-.180	.033	.005	-.369
170	803	-.285	.084	.002	-.776	170	853	-.216	.023	-.102	-.298	180	17	-.172	.028	-.055	-.300
170	804	-.295	.097	-.043	-.869	170	854	-.228	.023	-.087	-.316	180	18	-.132	.026	-.004	-.214
170	805	-.320	.103	-.088	-.900	170	855	-.196	.022	-.066	-.264	180	19	-.217	.031	-.113	-.385
170	806	-.254	.084	-.048	-.805	170	856	-.245	.024	-.126	-.347	180	20	-.193	.026	-.098	-.318
170	807	-.300	.100	-.057	-.808	170	857	-.215	.027	-.075	-.342	180	21	-.217	.027	-.097	-.332
170	808	-.257	.088	.042	-.767	170	858	-.213	.020	-.124	-.274	180	22	-.185	.030	-.009	-.323
170	809	-.240	.073	-.018	-.538	170	859	-.191	.025	-.068	-.269	180	23	-.179	.030	.016	-.300
170	810	-.254	.077	-.001	-.714	170	860	-.227	.020	-.151	-.300	180	24	-.207	.026	-.083	-.308
170	811	-.229	.095	.007	-.799	170	861	-.227	.020	-.158	-.305	180	25	-.204	.027	-.095	-.331
170	812	-.285	.098	-.047	-.917	170	862	-.209	.024	-.087	-.308	180	26	-.199	.027	-.048	-.313
170	813	-.209	.069	.001	-.577	170	863	-.208	.022	-.145	-.298	180	27	-.202	.028	-.067	-.336
170	814	-.255	.067	-.059	-.635	170	864	-.219	.023	-.129	-.317	180	28	-.181	.029	-.025	-.274
170	815	-.261	.074	-.038	-.883	170	865	-.151	.021	-.018	-.248	180	29	-.176	.031	-.027	-.267
170	816	-.296	.086	-.047	-.832	170	866	-.218	.018	-.080	-.281	180	30	-.147	.043	.083	-.259
170	817	-.256	.083	-.048	-.781	170	867	-.186	.019	-.125	-.269	180	31	-.162	.034	.012	-.245
170	818	-.259	.065	-.068	-.716	170	868	-.198	.023	-.131	-.293	180	91	-.192	.021	-.117	-.267
170	819	-.268	.068	-.052	-.688	170	869	-.186	.020	-.114	-.265	180	92	-.196	.022	-.102	-.266
170	820	-.291	.074	-.026	-.695	170	870	-.187	.022	-.080	-.266	180	93	-.197	.022	-.100	-.291
170	821	-.243	.062	-.078	-.581	170	901	-.234	.059	-.049	-.557	180	94	-.218	.021	-.129	-.311
170	822	-.247	.058	-.055	-.543	170	902	-.258	.067	-.001	-.632	180	95	-.194	.022	-.107	-.265
170	823	-.253	.062	-.078	-.627	170	903	-.281	.076	-.066	-.761	180	101	-.233	.071	-.028	-.599
170	824	-.269	.072	-.069	-.690	170	904	-.278	.064	.062	-.591	180	102	-.250	.067	-.059	-.643
170	825	-.279	.077	-.087	-.690	170	905	-.262	.063	.023	-.527	180	103	-.232	.069	-.038	-.663
170	826	-.252	.080	-.038	-.923	170	906	-.254	.068	.128	-.543	180	104	-.214	.073	.021	-.646
170	827	-.201	.057	-.041	-.537	170	907	-.236	.067	-.007	-.543	180	105	-.205	.066	-.015	-.610
170	828	-.247	.059	-.066	-.676	170	908	-.255	.075	-.046	-.675	180	106	-.198	.063	-.004	-.595
170	829	-.185	.055	-.029	-.470	170	909	-.284	.085	-.061	-.931	180	107	-.240	.062	-.071	-.622
170	830	-.261	.066	-.037	-.575	170	910	-.267	.084	.153	-.656	180	108	-.204	.056	-.043	-.532
170	831	-.277	.074	-.013	-.731	170	911	-.247	.082	.177	-.637	180	109	-.227	.059	-.043	-.520
170	832	-.278	.075	-.043	-.796	170	912	-.235	.076	.130	-.619	180	110	-.247	.060	-.059	-.529
170	833	-.227	.053	-.089	-.579	170	913	-.259	.097	.141	-.673	180	111	-.227	.059	-.054	-.567
170	834	-.229	.046	-.121	-.527	170	914	-.229	.095	.078	-.689	180	112	-.256	.057	-.086	-.505
170	835	-.244	.068	-.090	-.714	170	915	-.220	.084	.110	-.530	180	113	-.239	.057	-.075	-.709
170	836	-.268	.091	-.062	-.791	170	916	-.206	.098	.212	-.555	180	114	-.174	.050	-.011	-.446
170	837	-.298	.101	-.080	-.995	180	1	-.227	.027	-.145	-.348	180	115	-.243	.053	-.075	-.515
170	838	-.308	.104	-.082	-1.061	180	2	-.194	.031	-.113	-.371	180	116	-.244	.050	-.081	-.533
170	839	-.201	.030	-.100	-.386	180	3	-.203	.027	-.080	-.316	180	117	-.256	.050	-.086	-.557
170	840	-.221	.031	-.114	-.407	180	4	-.152	.025	-.047	-.236	180	118	-.245	.047	-.097	-.489

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	119	-.246	.046	-.107	-.449	180	208	-.257	.060	-.076	-.532	180	329	-.316	.099	-.110	-.964
180	120	-.241	.048	-.072	-.636	180	209	-.250	.056	.010	-.498	180	330	-.294	.086	-.042	-.815
180	121	-.263	.052	-.089	-.667	180	210	-.252	.051	-.084	-.605	180	331	-.277	.065	-.087	-.621
180	122	-.253	.053	-.119	-.765	180	211	-.269	.053	-.113	-.643	180	332	-.273	.056	-.084	-.628
180	123	-.251	.051	-.123	-.775	180	212	-.268	.052	-.092	-.596	180	333	-.259	.055	-.066	-.553
180	124	-.237	.044	-.074	-.524	180	213	-.263	.048	-.104	-.599	180	334	-.254	.059	-.069	-.567
180	125	-.252	.042	-.076	-.532	180	214	-.254	.052	-.072	-.478	180	335	-.293	.086	-.114	-.980
180	126	-.248	.041	-.068	-.487	180	215	-.272	.044	-.143	-.501	180	336	-.303	.087	-.093	-1.035
180	127	-.255	.043	-.076	-.461	180	216	-.279	.050	-.138	-.562	180	337	-.265	.045	-.101	-.567
180	128	-.245	.032	-.146	-.507	180	217	-.243	.039	-.137	-.531	180	338	-.257	.044	-.092	-.558
180	129	-.258	.030	-.160	-.429	180	218	-.232	.036	-.132	-.390	180	339	-.259	.037	-.135	-.431
180	130	-.246	.027	-.162	-.383	180	219	-.244	.035	-.145	-.426	180	340	-.274	.038	-.161	-.404
180	131	-.246	.028	-.151	-.383	180	220	-.206	.029	-.114	-.327	180	341	-.265	.040	-.146	-.584
180	132	-.248	.034	-.141	-.433	180	221	-.215	.029	-.128	-.409	180	342	-.257	.055	-.135	-.657
180	133	-.271	.037	-.160	-.513	180	222	-.218	.032	-.122	-.354	180	343	-.257	.060	-.101	-.790
180	134	-.256	.029	-.155	-.460	180	223	-.215	.032	-.103	-.368	180	344	-.264	.045	-.091	-.579
180	135	-.249	.027	-.151	-.405	180	224	-.201	.030	-.111	-.320	180	345	-.255	.035	-.115	-.463
180	136	-.233	.025	-.146	-.349	180	225	-.210	.027	-.103	-.315	180	346	-.246	.030	-.117	-.382
180	137	-.244	.025	-.160	-.336	180	226	-.207	.027	-.107	-.325	180	347	-.253	.035	-.105	-.406
180	138	-.238	.027	-.155	-.351	180	227	-.213	.025	-.110	-.316	180	348	-.270	.038	-.104	-.452
180	139	-.241	.030	-.151	-.383	180	228	-.150	.023	-.060	-.234	180	349	-.245	.040	-.113	-.479
180	140	-.236	.035	-.135	-.463	180	229	-.206	.026	-.113	-.301	180	350	-.236	.032	-.123	-.400
180	141	-.233	.031	-.135	-.414	180	301	-.375	.155	.041	-1.383	180	351	-.242	.026	-.123	-.370
180	142	-.221	.027	-.142	-.371	180	302	-.335	.134	.036	-1.094	180	352	-.254	.029	-.091	-.547
180	143	-.222	.023	-.138	-.321	180	303	-.223	.087	.074	-.692	180	353	-.230	.036	.007	-.371
180	144	-.213	.024	-.131	-.296	180	304	-.250	.075	-.015	-.639	180	354	-.225	.043	.063	-.419
180	145	-.214	.025	-.130	-.312	180	305	-.233	.074	.069	-.664	180	355	-.236	.037	-.086	-.372
180	146	-.223	.045	-.063	-.508	180	306	-.371	.148	.032	-1.235	180	356	-.220	.030	-.121	-.383
180	147	-.220	.036	-.108	-.478	180	307	-.247	.079	-.012	-.689	180	357	-.234	.029	-.127	-.434
180	148	-.203	.027	-.099	-.353	180	308	-.343	.155	.173	-1.188	180	358	-.234	.029	-.090	-.371
180	149	-.200	.023	-.120	-.295	180	309	-.313	.140	.155	-1.030	180	359	-.227	.035	-.018	-.390
180	150	-.194	.023	-.110	-.288	180	310	-.251	.099	.195	-.697	180	360	-.196	.043	.081	-.364
180	151	-.207	.023	-.124	-.300	180	311	-.220	.068	.017	-.470	180	361	-.196	.051	.108	-.388
180	152	-.187	.033	-.032	-.408	180	312	-.230	.066	-.023	-.568	180	362	-.197	.057	.211	-.447
180	153	-.188	.029	-.016	-.305	180	313	-.355	.126	-.061	-1.315	180	363	-.239	.035	-.129	-.493
180	154	-.177	.028	-.049	-.326	180	314	-.294	.110	-.043	-.913	180	364	-.219	.030	-.090	-.354
180	155	-.188	.027	-.061	-.300	180	315	-.295	.087	-.043	-.658	180	365	-.198	.052	.078	-.457
180	156	-.192	.026	-.080	-.322	180	316	-.267	.075	-.047	-.749	180	366	-.246	.037	-.144	-.400
180	157	-.202	.026	-.108	-.349	180	317	-.255	.069	-.015	-.554	180	367	-.247	.035	-.143	-.407
180	158	-.189	.032	-.056	-.317	180	318	-.342	.118	.037	-1.331	180	368	-.239	.032	-.114	-.397
180	159	-.198	.030	-.070	-.326	180	319	-.281	.082	.093	-.754	180	369	-.241	.033	-.109	-.388
180	160	-.185	.028	-.047	-.325	180	320	-.259	.065	-.036	-.586	180	370	-.205	.032	-.021	-.308
180	161	-.181	.029	-.043	-.278	180	321	-.321	.106	-.061	-1.227	180	371	-.193	.043	.046	-.342
180	201	-.252	.063	-.030	-.534	180	322	-.309	.101	-.038	-1.024	180	372	-.170	.050	.095	-.373
180	202	-.239	.065	-.045	-.573	180	323	-.305	.090	-.056	-.869	180	373	-.253	.036	-.139	-.460
180	203	-.252	.063	-.057	-.621	180	324	-.299	.078	-.053	-.731	180	374	-.246	.032	-.123	-.386
180	204	-.257	.061	-.083	-.576	180	325	-.268	.066	-.070	-.662	180	375	-.195	.030	-.076	-.328
180	205	-.241	.058	-.040	-.538	180	326	-.251	.059	-.065	-.587	180	376	-.177	.044	.019	-.380
180	206	-.241	.058	-.059	-.482	180	327	-.255	.057	-.092	-.519	180	377	-.198	.052	.043	-.464
180	207	-.262	.061	-.040	-.582	180	328	-.329	.104	-.071	-1.156	180	501	-.097	.179	.602	-.523

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	502	-.093	.187	.723	-.588	180	553	-.249	.048	-.070	-.577	180	723	-.195	.029	-.081	-.289
180	503	-.086	.187	.779	-.664	180	554	-.260	.057	-.087	-.669	180	724	-.198	.027	-.108	-.329
180	504	-.088	.193	.781	-.609	180	555	-.242	.035	-.124	-.418	180	725	-.208	.024	-.071	-.291
180	505	-.112	.153	.592	-.503	180	556	-.243	.032	-.150	-.430	180	726	-.220	.025	-.143	-.325
180	506	-.118	.172	.614	-.498	180	557	-.237	.031	-.127	-.455	180	727	-.224	.023	-.146	-.332
180	507	-.131	.166	.813	-.512	180	558	-.240	.029	-.124	-.375	180	728	-.196	.024	-.089	-.295
180	508	-.097	.165	.579	-.503	180	559	-.230	.029	-.126	-.367	180	729	-.220	.024	-.085	-.299
180	509	-.025	.181	.774	-.397	180	560	-.235	.028	-.162	-.409	180	801	-.289	.090	-.054	-.907
180	510	-.027	.197	.750	-.387	180	561	-.236	.035	-.140	-.520	180	802	-.250	.084	-.004	-.767
180	511	-.017	.173	.721	-.341	180	562	-.235	.030	-.161	-.378	180	803	-.324	.093	-.071	-.743
180	512	-.107	.155	.567	-.435	180	563	-.221	.026	-.145	-.357	180	804	-.340	.099	-.081	-.895
180	514	-.102	.162	.747	-.466	180	564	-.218	.021	-.147	-.392	180	805	-.360	.104	-.124	-.865
180	515	-.114	.126	.709	-.415	180	565	-.216	.021	-.127	-.310	180	806	-.285	.093	-.037	-.819
180	516	-.128	.101	.508	-.441	180	566	-.227	.023	-.121	-.388	180	807	-.351	.116	-.060	-.845
180	517	-.139	.137	.499	-.525	180	567	-.221	.022	-.119	-.389	180	808	-.275	.087	-.045	-.887
180	518	-.083	.149	.721	-.445	180	568	-.230	.022	-.150	-.348	180	809	-.257	.084	-.030	-.652
180	519	-.160	.131	.585	-.521	180	569	-.216	.019	-.147	-.287	180	810	-.293	.094	-.017	-.819
180	520	-.134	.110	.325	-.442	180	570	-.223	.019	-.156	-.286	180	811	-.266	.102	-.038	-.894
180	521	-.055	.151	.658	-.403	180	571	-.213	.020	-.131	-.290	180	812	-.317	.109	-.036	-.984
180	522	-.046	.149	.610	-.381	180	572	-.217	.019	-.123	-.273	180	813	-.246	.082	-.029	-.732
180	523	-.072	.158	.736	-.477	180	573	-.215	.022	-.105	-.277	180	814	-.288	.077	-.085	-.689
180	524	-.066	.132	.660	-.370	180	574	-.222	.020	-.131	-.291	180	815	-.298	.090	-.064	-1.097
180	525	-.118	.140	.797	-.418	180	575	-.211	.019	-.131	-.280	180	816	-.334	.094	-.088	-.877
180	526	-.143	.107	.572	-.426	180	576	-.215	.020	-.150	-.278	180	817	-.300	.092	-.057	-.853
180	527	-.132	.120	.475	-.466	180	577	-.212	.021	-.137	-.275	180	818	-.294	.083	-.074	-.896
180	528	-.070	.133	.546	-.378	180	578	-.224	.022	-.138	-.294	180	819	-.303	.088	-.074	-.753
180	529	-.055	.151	.550	-.397	180	579	-.215	.022	-.126	-.278	180	820	-.326	.084	-.103	-.810
180	530	-.036	.152	.636	-.414	180	580	-.219	.021	-.135	-.295	180	821	-.283	.080	-.083	-.744
180	531	-.097	.145	.606	-.468	180	701	-.250	.080	-.001	-.721	180	822	-.279	.072	-.070	-.682
180	532	-.107	.127	.504	-.442	180	702	-.252	.063	-.059	-.653	180	823	-.290	.077	-.052	-.753
180	533	-.166	.105	.304	-.505	180	703	-.210	.070	-.004	-.574	180	824	-.310	.090	-.041	-.862
180	534	-.139	.086	.274	-.442	180	704	-.242	.071	-.043	-.593	180	825	-.314	.087	-.095	-.746
180	535	-.131	.101	.384	-.435	180	705	-.241	.068	-.025	-.526	180	826	-.294	.098	-.029	-.937
180	536	-.085	.118	.494	-.402	180	706	-.263	.066	-.064	-.696	180	827	-.239	.075	-.016	-.703
180	537	-.105	.128	.534	-.438	180	707	-.255	.059	-.014	-.534	180	828	-.293	.079	-.076	-.697
180	538	-.101	.066	.132	-.263	180	708	-.262	.063	-.025	-.688	180	829	-.219	.069	-.011	-.591
180	539	-.160	.107	.377	-.549	180	709	-.265	.060	-.069	-.563	180	830	-.307	.084	-.075	-.801
180	540	-.181	.104	.476	-.469	180	710	-.251	.054	-.090	-.542	180	831	-.313	.088	-.086	-.770
180	541	-.213	.062	.174	-.426	180	711	-.251	.052	-.095	-.523	180	832	-.313	.086	-.095	-.769
180	542	-.176	.062	.317	-.378	180	712	-.246	.049	-.100	-.472	180	833	-.277	.082	-.097	-.929
180	543	-.205	.065	.366	-.405	180	713	-.256	.051	-.102	-.546	180	834	-.282	.068	-.136	-.605
180	544	-.191	.061	.196	-.418	180	714	-.239	.046	-.109	-.511	180	835	-.300	.091	-.067	-.733
180	545	-.223	.056	.116	-.443	180	715	-.253	.046	-.124	-.443	180	836	-.328	.110	-.064	-.968
180	546	-.203	.049	.099	-.442	180	716	-.251	.040	-.125	-.436	180	837	-.342	.115	-.042	-1.258
180	547	-.243	.039	-.060	-.445	180	717	-.228	.041	-.104	-.608	180	838	-.350	.115	-.071	-1.352
180	548	-.222	.044	-.063	-.423	180	718	-.222	.040	-.128	-.423	180	839	-.242	.046	-.137	-.555
180	549	-.240	.040	-.085	-.416	180	719	-.227	.037	-.133	-.395	180	840	-.248	.049	-.086	-.588
180	550	-.214	.035	-.073	-.402	180	720	-.203	.028	-.108	-.414	180	841	-.249	.083	-.037	-.836
180	551	-.247	.036	-.123	-.431	180	721	-.201	.025	-.109	-.318	180	842	-.298	.122	-.056	-1.326
180	552	-.243	.035	-.143	-.457	180	722	-.220	.027	-.131	-.348	180	843	-.243	.089	-.010	-.891

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	844	-.323	.124	-.075	-1.225	190	8	-.222	.036	-.083	-.400	190	122	-.270	.052	-.114	-.559
180	845	-.229	.030	-.145	-.404	190	9	-.214	.031	-.020	-.327	190	123	-.268	.051	-.118	-.569
180	846	-.224	.030	-.119	-.411	190	10	-.226	.042	-.037	-.415	190	124	-.255	.050	-.126	-.676
180	847	-.200	.028	-.086	-.351	190	11	-.156	.032	-.010	-.300	190	125	-.273	.044	-.150	-.481
180	848	-.240	.038	-.118	-.667	190	12	-.204	.034	-.007	-.358	190	126	-.271	.043	-.129	-.472
180	849	-.242	.048	-.103	-.987	190	13	-.136	.035	-.025	-.286	190	127	-.277	.045	-.147	-.505
180	850	-.228	.030	-.131	-.361	190	14	-.230	.035	-.081	-.404	190	128	-.263	.043	-.126	-.639
180	851	-.218	.055	-.002	-.891	190	15	-.265	.035	-.164	-.456	190	129	-.277	.041	-.137	-.670
180	852	-.237	.029	-.136	-.367	190	16	-.177	.033	-.036	-.296	190	130	-.266	.036	-.136	-.695
180	853	-.227	.026	-.145	-.325	190	17	-.177	.028	-.065	-.307	190	131	-.265	.032	-.156	-.428
180	854	-.231	.026	-.144	-.336	190	18	-.140	.027	-.025	-.227	190	132	-.256	.033	-.151	-.406
180	855	-.200	.025	-.101	-.351	190	19	-.251	.036	-.110	-.433	190	133	-.276	.035	-.162	-.489
180	856	-.251	.027	-.148	-.357	190	20	-.204	.033	-.055	-.335	190	134	-.269	.035	-.166	-.606
180	857	-.230	.026	-.145	-.330	190	21	-.233	.032	-.094	-.360	190	135	-.264	.031	-.132	-.569
180	858	-.224	.022	-.151	-.301	190	22	-.200	.033	-.023	-.338	190	136	-.249	.029	-.126	-.440
180	859	-.202	.025	-.125	-.297	190	23	-.193	.034	-.001	-.331	190	137	-.258	.028	-.152	-.414
180	860	-.236	.022	-.148	-.314	190	24	-.226	.032	-.086	-.349	190	138	-.251	.029	-.141	-.376
180	861	-.234	.023	-.131	-.335	190	25	-.215	.030	-.088	-.349	190	139	-.251	.030	-.140	-.380
180	862	-.224	.024	-.131	-.313	190	26	-.210	.032	-.065	-.367	190	140	-.258	.043	-.128	-.546
180	863	-.212	.022	-.133	-.282	190	27	-.213	.030	-.067	-.347	190	141	-.256	.038	-.143	-.537
180	864	-.237	.024	-.138	-.322	190	28	-.197	.032	-.023	-.290	190	142	-.247	.030	-.153	-.431
180	865	-.164	.020	-.071	-.231	190	29	-.191	.034	-.034	-.302	190	143	-.247	.026	-.169	-.343
180	866	-.227	.021	-.138	-.303	190	30	-.163	.041	-.046	-.304	190	144	-.238	.029	-.133	-.359
180	867	-.195	.022	-.083	-.267	190	31	-.177	.037	-.027	-.268	190	145	-.243	.031	-.135	-.369
180	868	-.204	.024	-.105	-.313	190	91	-.217	.024	-.132	-.288	190	146	-.244	.053	-.078	-.633
180	869	-.197	.022	-.103	-.320	190	92	-.225	.026	-.135	-.310	190	147	-.240	.040	-.110	-.529
180	870	-.210	.024	-.132	-.299	190	93	-.219	.026	-.130	-.323	190	148	-.223	.028	-.119	-.352
180	901	-.261	.067	-.057	-.611	190	94	-.241	.026	-.157	-.377	190	149	-.224	.024	-.145	-.311
180	902	-.290	.083	-.009	-.772	190	95	-.215	.026	-.072	-.314	190	150	-.228	.024	-.129	-.377
180	903	-.320	.093	-.057	-.894	190	101	-.250	.065	-.055	-.691	190	151	-.238	.025	-.139	-.350
180	904	-.317	.093	-.094	-.757	190	102	-.265	.063	-.057	-.597	190	152	-.209	.042	-.054	-.460
180	905	-.276	.074	-.002	-.646	190	103	-.255	.065	-.040	-.899	190	153	-.206	.032	-.075	-.430
180	906	-.251	.071	-.045	-.560	190	104	-.250	.066	-.082	-.581	190	154	-.197	.027	-.089	-.346
180	907	-.257	.069	-.048	-.758	190	105	-.227	.067	-.020	-.754	190	155	-.206	.027	-.066	-.303
180	908	-.281	.079	-.002	-.602	190	106	-.221	.069	-.060	-.722	190	156	-.224	.027	-.061	-.323
180	909	-.328	.103	-.015	-.887	190	107	-.272	.062	-.072	-.694	190	157	-.237	.028	-.087	-.352
180	910	-.322	.128	-.118	-1.291	190	108	-.234	.058	-.044	-.665	190	158	-.221	.035	-.029	-.350
180	911	-.255	.091	-.099	-.639	190	109	-.247	.060	-.055	-.648	190	159	-.216	.032	-.040	-.336
180	912	-.231	.076	-.119	-.536	190	110	-.269	.060	-.069	-.658	190	160	-.200	.028	-.092	-.296
180	913	-.328	.114	-.076	-.889	190	111	-.260	.062	-.081	-.680	190	161	-.193	.030	-.070	-.291
180	914	-.252	.093	-.098	-.698	190	112	-.285	.060	-.111	-.616	190	201	-.278	.070	-.069	-.599
180	915	-.242	.084	-.066	-.623	190	113	-.257	.056	-.101	-.583	190	202	-.275	.073	-.053	-.677
180	916	-.221	.093	-.157	-.570	190	114	-.196	.055	-.025	-.509	190	203	-.277	.069	-.062	-.659
190	1	-.259	.030	-.177	-.455	190	115	-.269	.051	-.129	-.585	190	204	-.291	.068	-.101	-.716
190	2	-.210	.030	-.130	-.442	190	116	-.257	.053	-.071	-.722	190	205	-.271	.066	-.077	-.589
190	3	-.217	.032	-.018	-.384	190	117	-.272	.055	-.097	-.787	190	206	-.270	.066	-.062	-.610
190	4	-.160	.025	-.065	-.331	190	118	-.266	.050	-.096	-.710	190	207	-.295	.071	-.099	-.667
190	5	-.262	.034	-.178	-.514	190	119	-.269	.048	-.113	-.578	190	208	-.286	.065	-.108	-.739
190	6	-.190	.028	-.096	-.343	190	120	-.263	.048	-.114	-.501	190	209	-.276	.062	-.093	-.656
190	7	-.264	.034	-.161	-.434	190	121	-.285	.053	-.115	-.553	190	210	-.272	.058	-.095	-.528

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	211	-.292	.060	-.125	-.546	190	332	-.291	.063	-.099	-.617	190	505	.052	.234	.905	-.507
190	212	-.293	.062	-.119	-.591	190	333	-.267	.052	-.049	-.530	190	506	-.006	.184	.589	-.527
190	213	-.279	.053	-.094	-.512	190	334	-.258	.055	-.057	-.537	190	507	.032	.243	.856	-.442
190	214	-.278	.058	-.112	-.576	190	335	-.380	.142	-.114	-1.226	190	508	-.062	.163	.497	-.494
190	215	-.281	.042	-.150	-.531	190	336	-.384	.138	-.103	-1.151	190	509	.053	.187	.672	-.541
190	216	-.285	.045	-.163	-.519	190	337	-.295	.069	-.015	-.696	190	510	.097	.230	.869	-.563
190	217	-.250	.034	-.151	-.438	190	338	-.277	.064	-.045	-.665	190	511	.130	.231	1.021	-.439
190	218	-.256	.036	-.144	-.450	190	339	-.265	.047	-.063	-.481	190	512	.035	.229	.961	-.472
190	219	-.259	.034	-.160	-.468	190	340	-.282	.045	-.135	-.532	190	514	-.011	.179	.633	-.446
190	220	-.248	.034	-.143	-.409	190	341	-.275	.048	-.101	-.534	190	515	.054	.218	.984	-.396
190	221	-.251	.034	-.153	-.430	190	342	-.286	.073	-.082	-.766	190	516	.000	.183	.862	-.365
190	222	-.257	.036	-.141	-.414	190	343	-.275	.075	-.047	-.847	190	517	-.053	.150	.434	-.491
190	223	-.260	.038	-.155	-.446	190	344	-.281	.057	-.103	-.633	190	518	.111	.212	.882	-.437
190	224	-.240	.037	-.114	-.402	190	345	-.266	.042	-.094	-.609	190	519	-.034	.203	.820	-.449
190	225	-.254	.030	-.148	-.357	190	346	-.258	.035	-.126	-.438	190	520	-.146	.104	.289	-.427
190	226	-.243	.031	-.139	-.353	190	347	-.261	.036	-.132	-.410	190	521	.032	.173	.634	-.380
190	227	-.257	.028	-.162	-.362	190	348	-.282	.039	-.130	-.476	190	522	-.024	.149	.677	-.393
190	228	-.168	.024	-.074	-.247	190	349	-.261	.045	-.117	-.573	190	523	-.002	.183	.718	-.488
190	229	-.242	.028	-.135	-.369	190	350	-.248	.037	-.068	-.514	190	524	.059	.201	.855	-.405
190	301	-.630	.235	-.036	-1.598	190	351	-.249	.030	-.063	-.406	190	525	.013	.206	.900	-.446
190	302	-.488	.199	-.008	-1.299	190	352	-.268	.030	-.108	-.362	190	526	-.042	.175	.677	-.450
190	303	-.245	.082	-.006	-.608	190	353	-.247	.035	-.052	-.359	190	527	-.162	.103	.457	-.459
190	304	-.267	.062	-.077	-.544	190	354	-.241	.043	-.019	-.453	190	528	-.090	.112	.542	-.503
190	305	-.245	.057	-.043	-.524	190	355	-.255	.033	-.110	-.366	190	529	-.059	.140	.772	-.586
190	306	-.589	.224	.054	-1.473	190	356	-.247	.033	-.142	-.393	190	530	.006	.161	.706	-.519
190	307	-.256	.058	-.052	-.546	190	357	-.254	.030	-.129	-.372	190	531	-.016	.181	.765	-.421
190	308	-.508	.215	.097	-1.543	190	358	-.258	.029	-.160	-.364	190	532	-.011	.169	.750	-.379
190	309	-.439	.196	.067	-1.402	190	359	-.252	.033	-.084	-.387	190	533	-.096	.153	.605	-.473
190	310	-.253	.097	.124	-.662	190	360	-.220	.042	-.003	-.377	190	534	-.192	.071	.151	-.560
190	311	-.229	.060	-.038	-.516	190	361	-.211	.055	.072	-.383	190	535	-.188	.080	.194	-.492
190	312	-.243	.059	-.066	-.575	190	362	-.206	.059	.060	-.481	190	536	-.148	.089	.234	-.432
190	313	-.568	.232	-.000	-1.691	190	363	-.268	.041	-.171	-.564	190	537	-.152	.104	.349	-.495
190	314	-.438	.188	.049	-1.269	190	364	-.248	.031	-.125	-.386	190	538	-.127	.060	.055	-.261
190	315	-.324	.096	-.025	-.786	190	365	-.198	.059	.077	-.496	190	539	-.178	.106	.310	-.495
190	316	-.273	.071	-.054	-.591	190	366	-.273	.038	-.167	-.478	190	540	-.207	.107	.461	-.505
190	317	-.267	.058	-.100	-.551	190	367	-.276	.036	-.167	-.465	190	541	-.254	.054	-.020	-.583
190	318	-.494	.194	.128	-1.606	190	368	-.259	.033	-.146	-.444	190	542	-.218	.051	.134	-.445
190	319	-.293	.095	.079	-.701	190	369	-.267	.033	-.148	-.418	190	543	-.249	.054	.287	-.490
190	320	-.261	.056	-.105	-.485	190	370	-.217	.038	-.026	-.349	190	544	-.230	.053	.077	-.429
190	321	-.515	.245	-.028	-1.870	190	371	-.196	.052	.091	-.419	190	545	-.253	.051	.046	-.451
190	322	-.456	.197	.024	-1.388	190	372	-.180	.058	.084	-.451	190	546	-.227	.049	.019	-.426
190	323	-.387	.140	.015	-1.191	190	373	-.290	.038	-.185	-.556	190	547	-.269	.044	-.052	-.471
190	324	-.333	.095	-.007	-.892	190	374	-.271	.034	-.160	-.522	190	548	-.244	.039	-.035	-.475
190	325	-.290	.071	-.044	-.616	190	375	-.205	.035	.006	-.317	190	549	-.261	.037	-.069	-.460
190	326	-.266	.060	-.025	-.514	190	376	-.186	.049	.098	-.367	190	550	-.231	.034	-.079	-.421
190	327	-.263	.056	-.068	-.491	190	377	-.201	.059	.067	-.493	190	551	-.270	.035	-.111	-.471
190	328	-.480	.194	-.032	-1.571	190	501	-.005	.193	.616	-.627	190	552	-.266	.037	-.151	-.446
190	329	-.479	.199	-.031	-1.749	190	502	.025	.200	.658	-.560	190	553	-.271	.049	-.093	-.534
190	330	-.377	.137	-.048	-.996	190	503	.069	.229	.787	-.537	190	554	-.284	.058	-.082	-.600
190	331	-.311	.089	-.068	-.881	190	504	.084	.269	1.044	-.588	190	555	-.252	.035	-.154	-.455

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
190	556	-.252	.034	-.159	-.437	190	726	-.260	.029	-.176	-.366	190	847	-.238	.031	-.121	-.365
190	557	-.247	.032	-.136	-.431	190	727	-.262	.026	-.182	-.364	190	848	-.272	.037	-.144	-.581
190	558	-.255	.031	-.155	-.438	190	728	-.235	.031	-.151	-.356	190	849	-.271	.045	-.119	-.655
190	559	-.251	.033	-.154	-.458	190	729	-.242	.024	-.109	-.313	190	850	-.261	.031	-.167	-.412
190	560	-.260	.035	-.161	-.457	190	801	-.327	.120	-.040	-1.036	190	851	-.250	.053	-.092	-.812
190	561	-.261	.042	-.153	-.544	190	802	-.287	.117	.011	-.999	190	852	-.272	.030	-.172	-.404
190	562	-.244	.024	-.140	-.354	190	803	-.371	.129	-.039	-1.073	190	853	-.260	.027	-.148	-.346
190	563	-.232	.023	-.132	-.348	190	804	-.399	.126	-.043	-.989	190	854	-.253	.025	-.144	-.447
190	564	-.233	.024	-.122	-.417	190	805	-.409	.127	-.010	-.979	190	855	-.225	.024	-.126	-.346
190	565	-.232	.024	-.128	-.373	190	806	-.316	.112	-.046	-.910	190	856	-.270	.027	-.149	-.468
190	566	-.244	.026	-.150	-.416	190	807	-.386	.131	-.048	-.965	190	857	-.260	.026	-.183	-.376
190	567	-.238	.025	-.120	-.363	190	808	-.329	.121	-.006	-1.041	190	858	-.255	.024	-.167	-.329
190	568	-.249	.026	-.156	-.378	190	809	-.302	.107	-.004	-.844	190	859	-.230	.025	-.143	-.333
190	569	-.235	.022	-.161	-.325	190	810	-.344	.123	-.001	-.957	190	860	-.265	.023	-.182	-.334
190	570	-.244	.022	-.169	-.329	190	811	-.334	.132	.023	-.968	190	861	-.255	.022	-.178	-.329
190	571	-.232	.023	-.137	-.312	190	812	-.392	.151	-.036	-1.165	190	862	-.259	.026	-.154	-.339
190	572	-.235	.023	-.117	-.317	190	813	-.280	.106	-.041	-.823	190	863	-.226	.024	-.148	-.365
190	573	-.233	.025	-.103	-.325	190	814	-.327	.101	-.058	-.946	190	864	-.271	.027	-.162	-.349
190	574	-.244	.022	-.140	-.319	190	815	-.328	.106	-.055	-.870	190	865	-.179	.025	-.060	-.276
190	575	-.233	.021	-.137	-.305	190	816	-.379	.113	-.080	-.915	190	866	-.259	.023	-.163	-.334
190	576	-.235	.021	-.154	-.300	190	817	-.337	.110	-.053	-.859	190	867	-.217	.023	-.115	-.285
190	577	-.231	.021	-.146	-.300	190	818	-.332	.108	-.040	-.940	190	868	-.225	.025	-.135	-.330
190	578	-.244	.023	-.160	-.319	190	819	-.344	.110	-.029	-.958	190	869	-.218	.024	-.133	-.323
190	579	-.234	.023	-.147	-.314	190	820	-.376	.110	-.110	-1.018	190	870	-.236	.027	-.150	-.316
190	580	-.234	.024	-.154	-.305	190	821	-.317	.102	-.097	-.905	190	901	-.289	.078	-.052	-.676
190	701	-.279	.089	-.050	-.737	190	822	-.319	.099	-.066	-.731	190	902	-.333	.108	-.035	-1.028
190	702	-.275	.070	-.066	-.624	190	823	-.324	.095	-.060	-.782	190	903	-.361	.111	-.038	-.901
190	703	-.235	.079	-.009	-.617	190	824	-.339	.104	-.025	-.879	190	904	-.417	.147	-.062	-1.101
190	704	-.267	.079	-.048	-.663	190	825	-.322	.096	-.090	-.735	190	905	-.281	.077	.050	-.601
190	705	-.271	.076	-.031	-.645	190	826	-.347	.123	-.060	-1.140	190	906	-.258	.067	-.007	-.502
190	706	-.285	.077	-.050	-.708	190	827	-.289	.112	-.035	-.860	190	907	-.287	.074	-.103	-.627
190	707	-.283	.069	-.103	-.633	190	828	-.315	.096	-.051	-.865	190	908	-.320	.106	-.008	-.948
190	708	-.289	.074	-.050	-.782	190	829	-.268	.099	-.005	-.797	190	909	-.382	.136	.069	-1.302
190	709	-.290	.069	-.074	-.654	190	830	-.329	.098	-.088	-.765	190	910	-.427	.162	-.006	-1.106
190	710	-.271	.067	-.090	-.680	190	831	-.332	.098	-.094	-.790	190	911	-.253	.090	.036	-.716
190	711	-.274	.065	-.088	-.677	190	832	-.329	.094	-.095	-.827	190	912	-.239	.063	-.024	-.556
190	712	-.270	.061	-.082	-.714	190	833	-.295	.085	-.143	-1.010	190	913	-.437	.127	-.046	-.989
190	713	-.279	.063	-.086	-.729	190	834	-.297	.069	-.161	-.667	190	914	-.279	.095	-.005	-.631
190	714	-.258	.054	-.088	-.577	190	835	-.311	.092	-.118	-.921	190	915	-.277	.085	-.012	-.701
190	715	-.271	.052	-.137	-.611	190	836	-.338	.113	-.114	-.905	190	916	-.257	.089	.055	-.718
190	716	-.268	.045	-.157	-.524	190	837	-.356	.131	-.109	-1.308	200	1	-.233	.022	-.156	-.306
190	717	-.248	.045	-.098	-.512	190	838	-.363	.130	-.110	-1.273	200	2	-.189	.022	-.113	-.270
190	718	-.239	.040	-.102	-.434	190	839	-.257	.044	-.150	-.578	200	3	-.220	.021	-.147	-.291
190	719	-.243	.038	-.125	-.424	190	840	-.272	.051	-.101	-.657	200	4	-.165	.020	-.092	-.241
190	720	-.225	.033	-.108	-.364	190	841	-.263	.074	-.074	-.846	200	5	-.229	.025	-.144	-.341
190	721	-.223	.032	-.098	-.357	190	842	-.315	.110	-.109	-1.342	200	6	-.185	.020	-.129	-.262
190	722	-.259	.032	-.167	-.392	190	843	-.271	.081	-.104	-.846	200	7	-.228	.022	-.151	-.317
190	723	-.223	.032	-.119	-.383	190	844	-.338	.111	-.121	-1.297	200	8	-.224	.022	-.149	-.326
190	724	-.240	.031	-.146	-.365	190	845	-.261	.035	-.134	-.425	200	9	-.229	.020	-.150	-.314
190	725	-.227	.024	-.112	-.302	190	846	-.254	.030	-.124	-.407	200	10	-.234	.021	-.160	-.335

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
200	11	-.176	.019	-.064	-.256	200	125	-.258	.035	-.137	-.412	200	214	-.245	.039	-.128	-.442
200	12	-.218	.023	-.133	-.331	200	126	-.255	.035	-.138	-.496	200	215	-.254	.029	-.181	-.481
200	13	-.152	.019	-.076	-.230	200	127	-.257	.035	-.148	-.488	200	216	-.252	.029	-.177	-.609
200	14	-.229	.025	-.146	-.354	200	128	-.247	.042	-.143	-.691	200	217	-.245	.024	-.148	-.343
200	15	-.224	.023	-.153	-.322	200	129	-.262	.042	-.154	-.796	200	218	-.246	.032	-.010	-.370
200	16	-.184	.021	-.109	-.300	200	130	-.250	.034	-.152	-.690	200	219	-.254	.031	-.009	-.385
200	17	-.182	.020	-.115	-.258	200	131	-.248	.029	-.160	-.452	200	220	-.233	.038	-.006	-.344
200	18	-.158	.019	-.078	-.237	200	132	-.238	.028	-.160	-.334	200	221	-.240	.036	-.036	-.389
200	19	-.218	.023	-.152	-.336	200	133	-.255	.028	-.171	-.360	200	222	-.248	.035	-.114	-.426
200	20	-.212	.022	-.124	-.298	200	134	-.248	.027	-.140	-.410	200	223	-.254	.033	-.147	-.371
200	21	-.229	.022	-.153	-.324	200	135	-.245	.026	-.132	-.369	200	224	-.241	.030	-.110	-.349
200	22	-.221	.021	-.156	-.308	200	136	-.234	.026	-.155	-.348	200	225	-.254	.025	-.178	-.330
200	23	-.212	.021	-.131	-.287	200	137	-.249	.025	-.181	-.367	200	226	-.249	.025	-.165	-.336
200	24	-.226	.022	-.151	-.289	200	138	-.245	.025	-.172	-.383	200	227	-.256	.024	-.187	-.333
200	25	-.228	.020	-.157	-.295	200	139	-.247	.025	-.170	-.378	200	228	-.188	.027	-.080	-.276
200	26	-.223	.020	-.147	-.292	200	140	-.249	.030	-.144	-.383	200	229	-.256	.023	-.179	-.339
200	27	-.227	.020	-.165	-.295	200	141	-.249	.029	-.139	-.379	200	301	-.338	.142	.077	-1.180
200	28	-.230	.020	-.141	-.299	200	142	-.240	.027	-.139	-.333	200	302	-.300	.100	.076	-.900
200	29	-.230	.023	-.110	-.302	200	143	-.247	.027	-.149	-.326	200	303	-.233	.076	.011	-.541
200	30	-.213	.022	-.093	-.294	200	144	-.242	.027	-.132	-.330	200	304	-.272	.069	-.072	-.679
200	31	-.224	.021	-.143	-.288	200	145	-.249	.030	-.126	-.389	200	305	-.255	.062	-.082	-.535
200	91	-.248	.023	-.167	-.351	200	146	-.241	.030	-.122	-.370	200	306	-.323	.128	.076	-1.058
200	92	-.252	.024	-.167	-.358	200	147	-.242	.027	-.144	-.345	200	307	-.261	.061	-.071	-.598
200	93	-.244	.023	-.156	-.327	200	148	-.227	.026	-.117	-.320	200	308	-.312	.132	.273	-.963
200	94	-.265	.026	-.178	-.367	200	149	-.232	.025	-.134	-.325	200	309	-.273	.101	.194	-.775
200	95	-.232	.027	-.099	-.307	200	150	-.232	.025	-.144	-.382	200	310	-.254	.072	.032	-.629
200	101	-.263	.060	-.089	-.571	200	151	-.246	.026	-.142	-.359	200	311	-.249	.058	-.012	-.532
200	102	-.277	.060	-.124	-.713	200	152	-.220	.025	-.139	-.320	200	312	-.258	.057	-.074	-.604
200	103	-.261	.062	-.087	-.677	200	153	-.225	.023	-.151	-.313	200	313	-.325	.122	.046	-1.075
200	104	-.268	.060	-.086	-.603	200	154	-.220	.022	-.146	-.292	200	314	-.251	.096	.063	-.869
200	105	-.218	.054	-.067	-.489	200	155	-.231	.022	-.154	-.303	200	315	-.280	.072	.016	-.724
200	106	-.210	.048	-.085	-.452	200	156	-.234	.024	-.156	-.317	200	316	-.254	.057	-.063	-.524
200	107	-.268	.054	-.106	-.503	200	157	-.245	.024	-.158	-.323	200	317	-.264	.059	-.099	-.575
200	108	-.224	.052	-.055	-.459	200	158	-.227	.024	-.144	-.328	200	318	-.300	.101	.171	-.892
200	109	-.253	.049	-.122	-.494	200	159	-.233	.023	-.149	-.303	200	319	-.269	.071	-.000	-.607
200	110	-.275	.049	-.144	-.509	200	160	-.223	.023	-.136	-.315	200	320	-.268	.057	-.093	-.519
200	111	-.252	.050	-.114	-.528	200	161	-.226	.023	-.141	-.300	200	321	-.354	.159	.044	-1.449
200	112	-.275	.049	-.129	-.539	200	201	-.278	.056	-.053	-.578	200	322	-.305	.104	.023	-.963
200	113	-.254	.046	-.105	-.484	200	202	-.260	.056	-.076	-.555	200	323	-.276	.080	-.006	-.736
200	114	-.189	.042	-.071	-.357	200	203	-.269	.054	-.099	-.530	200	324	-.282	.070	-.056	-.620
200	115	-.258	.043	-.128	-.474	200	204	-.277	.056	-.127	-.536	200	325	-.265	.062	-.064	-.666
200	116	-.248	.044	-.111	-.508	200	205	-.256	.049	-.084	-.465	200	326	-.257	.056	-.083	-.613
200	117	-.264	.044	-.129	-.496	200	206	-.253	.047	-.109	-.516	200	327	-.252	.054	-.096	-.634
200	118	-.257	.041	-.125	-.450	200	207	-.277	.048	-.151	-.536	200	328	-.340	.128	.043	-1.092
200	119	-.257	.040	-.103	-.428	200	208	-.266	.045	-.114	-.471	200	329	-.306	.114	.021	-1.112
200	120	-.251	.041	-.123	-.498	200	209	-.259	.044	-.126	-.474	200	330	-.266	.072	.010	-.633
200	121	-.266	.043	-.137	-.501	200	210	-.248	.042	-.133	-.505	200	331	-.256	.061	-.046	-.618
200	122	-.262	.044	-.125	-.521	200	211	-.265	.043	-.144	-.538	200	332	-.266	.056	-.060	-.508
200	123	-.262	.044	-.127	-.547	200	212	-.260	.042	-.135	-.541	200	333	-.257	.052	-.089	-.518
200	124	-.247	.040	-.133	-.452	200	213	-.256	.039	-.148	-.480	200	334	-.254	.052	-.093	-.676

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	335	-.271	.071	-.040	-.801	200	500	-.248	.067	.161	-.505	200	559	-.244	.026	-.165	-.344
200	336	-.274	.063	-.049	-.732	200	509	-.221	.074	.164	-.498	200	560	-.248	.022	-.172	-.323
200	337	-.263	.039	-.094	-.508	200	510	-.213	.097	.285	-.508	200	561	-.244	.023	-.165	-.338
200	338	-.248	.046	-.036	-.533	200	511	-.164	.108	.403	-.494	200	562	-.250	.028	-.169	-.399
200	339	-.248	.042	-.065	-.431	200	512	-.206	.119	.475	-.520	200	563	-.240	.026	-.151	-.368
200	340	-.264	.040	-.113	-.486	200	514	-.239	.067	.219	-.540	200	564	-.239	.023	-.160	-.321
200	341	-.256	.041	-.131	-.493	200	515	-.102	.134	.566	-.547	200	565	-.234	.021	-.153	-.328
200	342	-.252	.031	-.149	-.429	200	516	-.098	.128	.527	-.549	200	566	-.243	.021	-.164	-.327
200	343	-.248	.032	-.135	-.419	200	517	-.210	.068	.164	-.459	200	567	-.236	.021	-.151	-.313
200	344	-.260	.031	-.122	-.397	200	518	-.133	.108	.552	-.438	200	568	-.242	.019	-.172	-.309
200	345	-.252	.034	-.102	-.439	200	519	-.212	.097	.403	-.509	200	569	-.240	.021	-.158	-.311
200	346	-.248	.034	-.097	-.422	200	520	-.232	.047	-.028	-.521	200	570	-.250	.020	-.179	-.312
200	347	-.249	.036	-.123	-.426	200	521	-.170	.074	.259	-.547	200	571	-.237	.020	-.172	-.301
200	348	-.264	.038	-.135	-.435	200	522	-.203	.062	.107	-.543	200	572	-.239	.019	-.185	-.306
200	349	-.252	.026	-.161	-.365	200	523	-.221	.082	.252	-.594	200	573	-.234	.020	-.173	-.303
200	350	-.246	.024	-.168	-.331	200	524	-.121	.104	.480	-.576	200	574	-.253	.020	-.186	-.330
200	351	-.245	.024	-.159	-.342	200	525	-.202	.106	.420	-.527	200	575	-.243	.020	-.182	-.315
200	352	-.260	.027	-.162	-.358	200	526	-.183	.097	.372	-.498	200	576	-.244	.022	-.168	-.321
200	353	-.257	.030	-.127	-.378	200	527	-.256	.045	-.007	-.436	200	577	-.236	.021	-.160	-.311
200	354	-.254	.035	-.087	-.556	200	528	-.226	.051	.005	-.436	200	578	-.244	.021	-.174	-.310
200	355	-.265	.032	-.154	-.395	200	529	-.241	.061	.068	-.458	200	579	-.234	.020	-.168	-.301
200	356	-.231	.023	-.160	-.325	200	530	-.198	.073	.264	-.445	200	580	-.239	.021	-.168	-.313
200	357	-.246	.023	-.174	-.335	200	531	-.223	.088	.441	-.530	200	701	-.270	.064	-.036	-.646
200	358	-.248	.024	-.173	-.320	200	532	-.196	.090	.361	-.500	200	702	-.268	.055	-.108	-.653
200	359	-.247	.025	-.177	-.369	200	533	-.227	.091	.249	-.578	200	703	-.215	.060	-.011	-.494
200	360	-.230	.028	-.134	-.402	200	534	-.227	.038	-.098	-.531	200	704	-.260	.056	-.114	-.773
200	361	-.256	.037	-.115	-.471	200	535	-.260	.038	-.125	-.565	200	705	-.267	.056	-.076	-.574
200	362	-.260	.038	-.099	-.535	200	536	-.230	.040	-.042	-.395	200	706	-.269	.052	-.110	-.517
200	363	-.246	.023	-.169	-.328	200	537	-.248	.045	.007	-.451	200	707	-.267	.047	-.120	-.555
200	364	-.225	.023	-.141	-.340	200	538	-.217	.028	-.107	-.300	200	708	-.274	.051	-.129	-.594
200	365	-.243	.031	-.143	-.405	200	539	-.252	.051	.083	-.485	200	709	-.273	.049	-.106	-.524
200	366	-.252	.025	-.164	-.349	200	540	-.257	.055	.209	-.471	200	710	-.244	.044	-.131	-.490
200	367	-.248	.024	-.157	-.332	200	541	-.252	.030	-.138	-.431	200	711	-.256	.043	-.144	-.481
200	368	-.229	.025	-.153	-.368	200	542	-.221	.029	-.100	-.329	200	712	-.253	.041	-.135	-.457
200	369	-.241	.024	-.162	-.340	200	543	-.255	.030	-.129	-.360	200	713	-.256	.040	-.137	-.467
200	370	-.237	.024	-.140	-.320	200	544	-.233	.033	-.111	-.341	200	714	-.241	.042	-.117	-.461
200	371	-.235	.028	-.135	-.388	200	545	-.253	.034	-.111	-.372	200	715	-.250	.031	-.156	-.368
200	372	-.218	.031	-.101	-.380	200	546	-.225	.034	-.079	-.379	200	716	-.248	.031	-.138	-.362
200	373	-.251	.026	-.160	-.345	200	547	-.262	.032	-.104	-.398	200	717	-.243	.030	-.072	-.367
200	374	-.255	.024	-.171	-.352	200	548	-.229	.027	-.113	-.393	200	718	-.227	.032	-.050	-.420
200	375	-.230	.023	-.123	-.313	200	549	-.249	.027	-.138	-.421	200	719	-.235	.032	-.054	-.415
200	376	-.227	.026	-.113	-.342	200	550	-.222	.027	-.114	-.334	200	720	-.225	.033	-.038	-.352
200	377	-.236	.029	-.108	-.415	200	551	-.255	.028	-.118	-.353	200	721	-.219	.035	-.004	-.346
200	501	-.220	.085	.366	-.775	200	552	-.249	.027	-.150	-.350	200	722	-.250	.029	-.076	-.360
200	502	-.219	.097	.562	-.674	200	553	-.253	.029	-.163	-.388	200	723	-.227	.028	-.142	-.352
200	503	-.196	.116	.729	-.574	200	554	-.264	.028	-.164	-.394	200	724	-.233	.028	-.125	-.344
200	504	-.172	.145	.737	-.666	200	555	-.260	.031	-.160	-.378	200	725	-.250	.022	-.162	-.323
200	505	-.078	.168	.739	-.578	200	556	-.256	.031	-.153	-.379	200	726	-.262	.024	-.188	-.366
200	506	-.234	.084	.304	-.620	200	557	-.251	.030	-.153	-.371	200	727	-.268	.023	-.192	-.347
200	507	-.204	.125	.593	-.567	200	558	-.255	.028	-.161	-.369	200	728	-.235	.023	-.159	-.322

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
200	729	-.262	.022	-.175	-.337	200	850	-.275	.037	-.133	-.432	210	14	-.226	.018	-.169	-.295
200	801	-.279	.067	-.082	-.624	200	851	-.244	.029	-.139	-.349	210	15	-.218	.016	-.163	-.276
200	802	-.234	.062	-.065	-.581	200	852	-.281	.032	-.160	-.400	210	16	-.186	.016	-.128	-.238
200	803	-.290	.067	-.103	-.608	200	853	-.268	.028	-.144	-.366	210	17	-.187	.017	-.135	-.243
200	804	-.280	.068	-.012	-.708	200	854	-.264	.026	-.155	-.370	210	18	-.165	.016	-.115	-.213
200	805	-.294	.071	.014	-.794	200	855	-.236	.024	-.166	-.361	210	19	-.217	.017	-.138	-.272
200	806	-.267	.061	-.102	-.646	200	856	-.280	.027	-.170	-.415	210	20	-.215	.016	-.112	-.272
200	807	-.283	.070	-.045	-.708	200	857	-.271	.024	-.205	-.349	210	21	-.237	.018	-.153	-.314
200	808	-.276	.063	-.107	-.720	200	858	-.266	.024	-.192	-.365	210	22	-.231	.018	-.179	-.289
200	809	-.265	.059	-.071	-.637	200	859	-.244	.024	-.174	-.352	210	23	-.225	.018	-.159	-.286
200	810	-.271	.055	-.104	-.707	200	860	-.277	.025	-.200	-.372	210	24	-.229	.016	-.175	-.281
200	811	-.231	.083	.116	-.886	200	861	-.267	.027	-.161	-.388	210	25	-.232	.017	-.177	-.280
200	812	-.280	.069	.025	-.937	200	862	-.263	.022	-.197	-.360	210	26	-.225	.016	-.173	-.274
200	813	-.229	.052	-.058	-.510	200	863	-.233	.031	-.103	-.354	210	27	-.229	.017	-.178	-.280
200	814	-.274	.052	-.077	-.567	200	864	-.273	.022	-.202	-.362	210	28	-.230	.016	-.178	-.283
200	815	-.259	.051	-.045	-.600	200	865	-.192	.028	-.064	-.289	210	29	-.248	.017	-.191	-.314
200	816	-.277	.055	-.069	-.649	200	866	-.263	.024	-.169	-.339	210	30	-.227	.017	-.156	-.287
200	817	-.243	.054	-.032	-.692	200	867	-.242	.022	-.164	-.341	210	31	-.228	.017	-.173	-.280
200	818	-.271	.050	-.115	-.597	200	868	-.248	.025	-.144	-.393	210	91	-.244	.022	-.170	-.312
200	819	-.275	.050	-.057	-.591	200	869	-.236	.022	-.151	-.347	210	92	-.247	.022	-.175	-.334
200	820	-.286	.049	-.110	-.728	200	870	-.259	.022	-.171	-.372	210	93	-.237	.031	-.135	-.367
200	821	-.254	.046	-.129	-.499	200	901	-.268	.049	-.112	-.478	210	94	-.251	.032	-.144	-.366
200	822	-.261	.053	-.114	-.581	200	902	-.275	.052	-.088	-.614	210	95	-.237	.030	-.040	-.331
200	823	-.264	.043	-.087	-.476	200	903	-.280	.050	-.022	-.667	210	101	-.262	.040	-.136	-.580
200	824	-.266	.046	-.114	-.507	200	904	-.283	.075	.038	-.585	210	102	-.283	.046	-.166	-.596
200	825	-.258	.047	-.112	-.518	200	905	-.265	.062	.024	-.522	210	103	-.256	.041	-.110	-.554
200	826	-.243	.068	-.053	-.749	200	906	-.264	.060	-.074	-.536	210	104	-.249	.049	-.094	-.588
200	827	-.212	.045	-.074	-.452	200	907	-.270	.054	-.103	-.606	210	105	-.216	.038	-.132	-.410
200	828	-.257	.044	-.121	-.551	200	908	-.275	.057	-.098	-.633	210	106	-.210	.033	-.126	-.399
200	829	-.189	.044	-.060	-.475	200	909	-.286	.061	.012	-.899	210	107	-.259	.039	-.148	-.479
200	830	-.259	.045	-.069	-.500	200	910	-.280	.086	.092	-.862	210	108	-.216	.039	-.096	-.403
200	831	-.266	.047	-.089	-.588	200	911	-.261	.072	.041	-.539	210	109	-.254	.038	-.161	-.554
200	832	-.268	.047	-.077	-.579	200	912	-.259	.065	-.043	-.680	210	110	-.274	.038	-.181	-.541
200	833	-.252	.041	-.136	-.416	200	913	-.304	.082	-.003	-.751	210	111	-.258	.045	-.121	-.468
200	834	-.255	.036	-.154	-.407	200	914	-.273	.076	.054	-.577	210	112	-.274	.038	-.174	-.497
200	835	-.255	.036	-.140	-.566	200	915	-.272	.074	.065	-.614	210	113	-.252	.037	-.163	-.471
200	836	-.255	.038	-.130	-.736	200	916	-.268	.081	.131	-.644	210	114	-.189	.030	-.106	-.348
200	837	-.252	.043	-.129	-.542	210	1	-.231	.016	-.181	-.293	210	115	-.260	.044	-.129	-.459
200	838	-.258	.043	-.137	-.600	210	2	-.184	.015	-.130	-.236	210	116	-.246	.034	-.151	-.428
200	839	-.254	.035	-.169	-.449	210	3	-.225	.016	-.173	-.284	210	117	-.260	.033	-.155	-.440
200	840	-.285	.037	-.171	-.466	210	4	-.165	.015	-.113	-.217	210	118	-.254	.033	-.151	-.407
200	841	-.246	.033	-.149	-.416	210	5	-.222	.016	-.140	-.271	210	119	-.252	.037	-.131	-.470
200	842	-.267	.030	-.120	-.506	210	6	-.185	.015	-.141	-.238	210	120	-.243	.039	-.136	-.459
200	843	-.242	.027	-.130	-.364	210	7	-.231	.017	-.162	-.298	210	121	-.263	.041	-.152	-.524
200	844	-.280	.031	-.142	-.512	210	8	-.223	.016	-.163	-.279	210	122	-.256	.035	-.165	-.524
200	845	-.278	.043	-.108	-.488	210	9	-.229	.016	-.177	-.278	210	123	-.253	.033	-.151	-.477
200	846	-.260	.026	-.172	-.370	210	10	-.236	.017	-.178	-.300	210	124	-.246	.035	-.141	-.430
200	847	-.239	.034	-.130	-.435	210	11	-.179	.016	-.133	-.234	210	125	-.263	.040	-.123	-.505
200	848	-.271	.026	-.167	-.367	210	12	-.227	.017	-.172	-.286	210	126	-.261	.042	-.120	-.508
200	849	-.264	.027	-.112	-.364	210	13	-.158	.017	-.106	-.211	210	127	-.262	.043	-.100	-.493

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	128	-.245	.032	-.155	-.484	210	217	-.259	.037	-.117	-.502	210	338	-.250	.023	-.116	-.325
210	129	-.259	.031	-.174	-.440	210	218	-.283	.041	-.161	-.455	210	339	-.244	.023	-.135	-.364
210	130	-.256	.033	-.165	-.486	210	219	-.287	.038	-.181	-.461	210	340	-.263	.025	-.153	-.387
210	131	-.260	.041	-.165	-.616	210	220	-.263	.029	-.169	-.390	210	341	-.257	.025	-.174	-.386
210	132	-.253	.049	-.136	-.588	210	221	-.271	.029	-.182	-.414	210	342	-.248	.018	-.186	-.334
210	133	-.273	.052	-.157	-.640	210	222	-.262	.032	-.131	-.445	210	343	-.244	.019	-.174	-.330
210	134	-.246	.027	-.168	-.460	210	223	-.272	.031	-.165	-.430	210	344	-.260	.018	-.180	-.332
210	135	-.245	.025	-.177	-.442	210	224	-.264	.032	-.174	-.443	210	345	-.248	.020	-.177	-.319
210	136	-.237	.028	-.141	-.428	210	225	-.245	.024	-.145	-.331	210	346	-.244	.020	-.168	-.316
210	137	-.256	.031	-.169	-.464	210	226	-.249	.024	-.163	-.343	210	347	-.244	.021	-.155	-.330
210	138	-.256	.034	-.163	-.465	210	227	-.245	.022	-.153	-.317	210	348	-.261	.021	-.180	-.345
210	139	-.258	.038	-.167	-.560	210	228	-.199	.018	-.135	-.254	210	349	-.249	.020	-.183	-.321
210	140	-.247	.022	-.184	-.363	210	229	-.254	.021	-.194	-.344	210	350	-.244	.019	-.184	-.312
210	141	-.253	.022	-.187	-.358	210	301	-.250	.043	-.032	-.580	210	351	-.242	.018	-.176	-.319
210	142	-.254	.024	-.185	-.358	210	302	-.262	.040	-.033	-.585	210	352	-.258	.019	-.188	-.334
210	143	-.266	.027	-.195	-.402	210	303	-.212	.036	-.055	-.399	210	353	-.239	.019	-.169	-.298
210	144	-.253	.026	-.164	-.347	210	304	-.260	.038	-.141	-.463	210	354	-.236	.020	-.156	-.300
210	145	-.263	.028	-.182	-.367	210	305	-.245	.039	-.139	-.448	210	355	-.247	.016	-.190	-.310
210	146	-.237	.019	-.163	-.326	210	306	-.258	.042	-.041	-.637	210	356	-.221	.019	-.157	-.286
210	147	-.244	.018	-.179	-.317	210	307	-.248	.038	-.141	-.528	210	357	-.231	.019	-.169	-.292
210	148	-.239	.021	-.167	-.337	210	308	-.262	.040	-.069	-.603	210	358	-.238	.019	-.171	-.308
210	149	-.255	.025	-.187	-.382	210	309	-.251	.037	-.054	-.452	210	359	-.234	.019	-.156	-.298
210	150	-.265	.032	-.173	-.431	210	310	-.251	.035	-.033	-.446	210	360	-.221	.019	-.155	-.283
210	151	-.278	.039	-.195	-.501	210	311	-.256	.036	-.134	-.647	210	361	-.234	.020	-.171	-.324
210	152	-.238	.020	-.164	-.349	210	312	-.263	.037	-.172	-.655	210	362	-.238	.019	-.178	-.305
210	153	-.242	.019	-.180	-.328	210	313	-.262	.035	-.084	-.533	210	363	-.232	.018	-.167	-.300
210	154	-.240	.018	-.175	-.310	210	314	-.221	.032	-.065	-.439	210	364	-.216	.018	-.155	-.279
210	155	-.246	.019	-.183	-.320	210	315	-.261	.031	-.144	-.447	210	365	-.231	.018	-.162	-.290
210	156	-.244	.021	-.176	-.327	210	316	-.244	.031	-.131	-.434	210	366	-.239	.020	-.171	-.310
210	157	-.252	.024	-.170	-.404	210	317	-.256	.035	-.131	-.462	210	367	-.235	.019	-.160	-.300
210	158	-.242	.019	-.178	-.304	210	318	-.260	.038	-.036	-.562	210	368	-.225	.019	-.155	-.286
210	159	-.249	.018	-.183	-.308	210	319	-.258	.032	-.115	-.400	210	369	-.234	.019	-.162	-.299
210	160	-.242	.020	-.181	-.330	210	320	-.266	.037	-.135	-.427	210	370	-.233	.019	-.167	-.312
210	161	-.247	.020	-.182	-.323	210	321	-.267	.041	-.136	-.607	210	371	-.229	.019	-.170	-.296
210	201	-.290	.045	-.183	-.609	210	322	-.261	.035	-.141	-.469	210	372	-.216	.020	-.159	-.297
210	202	-.271	.051	-.117	-.540	210	323	-.253	.032	-.115	-.441	210	373	-.240	.020	-.174	-.313
210	203	-.281	.048	-.130	-.542	210	324	-.266	.030	-.122	-.471	210	374	-.241	.020	-.181	-.312
210	204	-.277	.045	-.151	-.528	210	325	-.256	.031	-.156	-.429	210	375	-.225	.018	-.167	-.291
210	205	-.264	.046	-.144	-.493	210	326	-.252	.030	-.157	-.400	210	376	-.214	.020	-.131	-.288
210	206	-.262	.039	-.152	-.486	210	327	-.249	.030	-.153	-.389	210	377	-.229	.020	-.155	-.299
210	207	-.292	.048	-.161	-.550	210	328	-.274	.039	-.111	-.745	210	501	-.240	.067	.093	-.626
210	208	-.274	.047	-.149	-.501	210	329	-.258	.032	-.129	-.584	210	502	-.238	.048	.022	-.478
210	209	-.281	.052	-.117	-.565	210	330	-.251	.029	-.127	-.432	210	503	-.233	.044	.094	-.453
210	210	-.260	.043	-.151	-.477	210	331	-.244	.028	-.144	-.414	210	504	-.236	.051	.159	-.458
210	211	-.276	.044	-.160	-.485	210	332	-.261	.027	-.162	-.394	210	505	-.184	.063	.314	-.481
210	212	-.273	.042	-.158	-.462	210	333	-.254	.030	-.138	-.433	210	506	-.249	.070	.085	-.696
210	213	-.269	.042	-.149	-.459	210	334	-.253	.030	-.141	-.439	210	507	-.243	.044	.111	-.460
210	214	-.262	.041	-.153	-.564	210	335	-.248	.027	-.137	-.443	210	508	-.235	.066	.061	-.644
210	215	-.278	.044	-.080	-.493	210	336	-.264	.026	-.124	-.436	210	509	-.213	.048	.070	-.479
210	216	-.279	.043	-.175	-.474	210	337	-.253	.020	-.191	-.322	210	510	-.229	.044	-.018	-.388

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	511	-.191	.038	.063	-.349	210	562	-.252	.031	-.151	-.419	210	803	-.236	.048	.011	-.454
210	512	-.246	.038	.004	-.420	210	563	-.239	.026	-.150	-.338	210	804	-.220	.058	.188	-.452
210	514	-.222	.060	.094	-.527	210	564	-.238	.023	-.165	-.322	210	805	-.238	.065	.241	-.494
210	515	-.174	.051	.273	-.387	210	565	-.231	.020	-.162	-.301	210	806	-.233	.042	-.086	-.565
210	516	-.162	.049	.357	-.355	210	566	-.240	.019	-.173	-.298	210	807	-.201	.084	.320	-.685
210	517	-.212	.054	.181	-.540	210	567	-.231	.018	-.167	-.292	210	808	-.268	.045	-.130	-.475
210	518	-.172	.044	.060	-.371	210	568	-.236	.019	-.177	-.310	210	809	-.252	.049	-.034	-.484
210	519	-.243	.037	-.085	-.416	210	569	-.237	.021	-.167	-.316	210	810	-.236	.055	.176	-.531
210	520	-.208	.073	.330	-.566	210	570	-.247	.021	-.180	-.316	210	811	-.170	.064	.199	-.399
210	521	-.165	.051	.071	-.433	210	571	-.237	.021	-.169	-.297	210	812	-.228	.085	.262	-.638
210	522	-.191	.048	.104	-.389	210	572	-.235	.018	-.172	-.298	210	813	-.204	.040	-.051	-.429
210	523	-.230	.042	-.040	-.378	210	573	-.229	.019	-.164	-.296	210	814	-.237	.047	-.051	-.451
210	524	-.155	.046	.153	-.295	210	574	-.250	.021	-.180	-.313	210	815	-.198	.058	.164	-.387
210	525	-.240	.036	-.044	-.400	210	575	-.241	.020	-.172	-.304	210	816	-.208	.071	.145	-.474
210	526	-.213	.031	0.000	-.337	210	576	-.246	.022	-.174	-.317	210	817	-.171	.074	.153	-.458
210	527	-.238	.074	.073	-.532	210	577	-.238	.021	-.169	-.304	210	818	-.262	.042	-.085	-.442
210	528	-.203	.053	.062	-.482	210	578	-.242	.021	-.175	-.306	210	819	-.224	.069	.097	-.512
210	529	-.222	.041	-.003	-.429	210	579	-.232	.020	-.164	-.294	210	820	-.198	.095	.245	-.592
210	530	-.196	.037	-.014	-.375	210	580	-.232	.020	-.160	-.305	210	821	-.246	.038	-.112	-.472
210	531	-.235	.037	.089	-.362	210	701	-.263	.057	-.077	-.620	210	822	-.231	.040	-.012	-.409
210	532	-.214	.038	.104	-.371	210	702	-.279	.052	-.154	-.617	210	823	-.217	.054	.035	-.443
210	533	-.239	.036	.048	-.414	210	703	-.216	.043	-.119	-.557	210	824	-.211	.066	.092	-.436
210	534	-.213	.046	.005	-.422	210	704	-.270	.051	-.142	-.544	210	825	-.192	.080	.260	-.453
210	535	-.242	.042	-.051	-.422	210	705	-.271	.044	-.157	-.563	210	826	-.182	.069	.144	-.397
210	536	-.215	.037	-.037	-.392	210	706	-.279	.050	-.158	-.540	210	827	-.200	.032	-.059	-.348
210	537	-.233	.032	-.054	-.385	210	707	-.280	.051	-.151	-.555	210	828	-.231	.043	-.021	-.401
210	538	-.206	.018	-.116	-.255	210	708	-.276	.050	-.164	-.547	210	829	-.153	.044	.091	-.286
210	539	-.243	.028	-.002	-.371	210	709	-.283	.045	-.135	-.545	210	830	-.203	.058	.063	-.389
210	540	-.255	.028	-.068	-.378	210	710	-.265	.044	-.115	-.506	210	831	-.200	.070	.150	-.423
210	541	-.245	.042	-.054	-.475	210	711	-.276	.045	-.135	-.494	210	832	-.203	.074	.200	-.481
210	542	-.211	.039	0.000	-.439	210	712	-.274	.043	-.135	-.489	210	833	-.241	.040	-.024	-.412
210	543	-.240	.035	-.075	-.441	210	713	-.275	.044	-.136	-.471	210	834	-.236	.036	.022	-.396
210	544	-.221	.027	-.108	-.308	210	714	-.276	.046	-.146	-.521	210	835	-.218	.047	.147	-.418
210	545	-.239	.024	-.146	-.342	210	715	-.274	.053	-.088	-.675	210	836	-.210	.050	.059	-.396
210	546	-.214	.023	-.127	-.314	210	716	-.281	.049	-.160	-.618	210	837	-.206	.052	.024	-.492
210	547	-.249	.019	-.180	-.315	210	717	-.260	.039	-.077	-.483	210	838	-.216	.052	.012	-.475
210	548	-.232	.038	-.068	-.420	210	718	-.254	.037	-.050	-.434	210	839	-.252	.028	-.104	-.369
210	549	-.243	.034	-.090	-.366	210	719	-.260	.034	-.091	-.431	210	840	-.259	.034	-.114	-.408
210	550	-.209	.029	-.083	-.316	210	720	-.253	.025	-.143	-.367	210	841	-.237	.039	.010	-.342
210	551	-.243	.027	-.105	-.336	210	721	-.256	.023	-.164	-.331	210	842	-.248	.044	-.041	-.483
210	552	-.235	.025	-.119	-.337	210	722	-.261	.021	-.188	-.365	210	843	-.225	.040	-.037	-.497
210	553	-.240	.024	-.154	-.339	210	723	-.251	.020	-.189	-.352	210	844	-.262	.045	-.082	-.516
210	554	-.250	.023	-.178	-.345	210	724	-.234	.022	-.160	-.327	210	845	-.269	.027	-.160	-.440
210	555	-.255	.037	-.121	-.444	210	725	-.253	.020	-.178	-.316	210	846	-.263	.027	-.159	-.454
210	556	-.252	.030	-.133	-.436	210	726	-.262	.020	-.194	-.338	210	847	-.239	.024	-.131	-.351
210	557	-.242	.026	-.144	-.336	210	727	-.269	.020	-.199	-.340	210	848	-.270	.032	-.074	-.387
210	558	-.248	.023	-.165	-.343	210	728	-.225	.022	-.146	-.293	210	849	-.257	.039	.017	-.457
210	559	-.236	.021	-.162	-.314	210	729	-.267	.020	-.194	-.330	210	850	-.262	.022	-.181	-.365
210	560	-.239	.020	-.182	-.320	210	801	-.250	.040	-.104	-.440	210	851	-.225	.041	-.056	-.339
210	561	-.235	.021	-.172	-.341	210	802	-.193	.041	.001	-.384	210	852	-.272	.023	-.159	-.360

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
210	853	-.259	.027	-.100	-.355	220	17	-.194	.015	-.145	-.256	220	131	-.302	.063	-.152	-.948
210	854	-.234	.046	-.014	-.380	220	18	-.172	.014	-.123	-.228	220	132	-.307	.066	-.059	-.849
210	855	-.221	.035	-.046	-.332	220	19	-.220	.018	-.140	-.291	220	133	-.326	.070	-.085	-.923
210	856	-.245	.048	-.020	-.390	220	20	-.218	.016	-.161	-.272	220	134	-.273	.034	-.198	-.478
210	857	-.266	.020	-.185	-.330	220	21	-.239	.018	-.183	-.302	220	135	-.272	.034	-.187	-.497
210	858	-.257	.026	-.097	-.350	220	22	-.232	.016	-.160	-.284	220	136	-.273	.037	-.136	-.566
210	859	-.235	.020	-.133	-.317	220	23	-.228	.016	-.159	-.286	220	137	-.298	.046	-.187	-.634
210	860	-.251	.037	.005	-.360	220	24	-.228	.015	-.175	-.281	220	138	-.313	.056	-.191	-.712
210	861	-.219	.047	.114	-.342	220	25	-.232	.015	-.177	-.276	220	139	-.325	.066	-.197	-.804
210	862	-.262	.019	-.203	-.336	220	26	-.226	.015	-.167	-.274	220	140	-.242	.021	-.177	-.331
210	863	-.204	.044	-.017	-.320	220	27	-.230	.015	-.172	-.272	220	141	-.247	.021	-.180	-.359
210	864	-.275	.019	-.216	-.355	220	28	-.231	.015	-.184	-.278	220	142	-.253	.024	-.140	-.352
210	865	-.200	.029	-.051	-.287	220	29	-.239	.016	-.190	-.297	220	143	-.263	.026	-.175	-.408
210	866	-.261	.027	-.151	-.379	220	30	-.231	.015	-.185	-.285	220	144	-.262	.028	-.187	-.412
210	867	-.208	.041	-.009	-.343	220	31	-.227	.015	-.179	-.272	220	145	-.276	.034	-.190	-.567
210	868	-.202	.045	.049	-.357	220	91	-.232	.021	-.156	-.314	220	146	-.240	.020	-.157	-.330
210	869	-.206	.033	-.031	-.314	220	92	-.233	.022	-.160	-.319	220	147	-.243	.018	-.182	-.298
210	870	-.261	.021	-.191	-.336	220	92	-.233	.022	-.160	-.319	220	147	-.243	.018	-.182	-.298
210	901	-.280	.051	-.139	-.637	220	93	-.226	.030	-.102	-.338	220	148	-.238	.019	-.175	-.298
210	902	-.241	.052	-.018	-.555	220	94	-.237	.032	-.121	-.375	220	149	-.249	.021	-.185	-.352
210	903	-.221	.078	.215	-.569	220	95	-.216	.029	-.092	-.304	220	149	-.249	.021	-.185	-.352
210	904	-.262	.033	-.027	-.421	220	101	-.298	.080	-.101	-.857	220	150	-.258	.026	-.190	-.417
210	905	-.260	.032	-.069	-.423	220	102	-.298	.062	-.116	-.674	220	151	-.275	.031	-.191	-.515
210	906	-.266	.034	-.153	-.401	220	103	-.291	.072	-.104	-.782	220	152	-.235	.019	-.175	-.305
210	907	-.277	.051	-.132	-.592	220	104	-.287	.071	-.112	-.907	220	153	-.240	.018	-.171	-.299
210	908	-.243	.047	-.039	-.476	220	104	-.287	.071	-.112	-.907	220	154	-.242	.016	-.192	-.299
210	909	-.225	.068	.158	-.483	220	105	-.252	.057	-.122	-.791	220	155	-.245	.018	-.182	-.303
210	910	-.258	.036	.062	-.490	220	106	-.250	.058	-.131	-.755	220	156	-.238	.019	-.179	-.320
210	911	-.256	.032	-.102	-.416	220	107	-.280	.051	-.144	-.567	220	157	-.247	.020	-.190	-.330
210	912	-.255	.034	-.147	-.420	220	108	-.238	.047	-.104	-.454	220	158	-.239	.020	-.161	-.316
210	913	-.277	.050	-.102	-.585	220	109	-.286	.066	-.116	-.625	220	159	-.246	.018	-.179	-.308
210	914	-.271	.054	-.025	-.593	220	110	-.303	.063	-.135	-.628	220	160	-.233	.019	-.153	-.293
210	915	-.260	.048	-.080	-.573	220	111	-.280	.055	-.156	-.636	220	161	-.240	.018	-.171	-.301
210	916	-.258	.049	-.070	-.571	220	112	-.308	.061	-.164	-.674	220	201	-.353	.096	-.149	-1.026
220	1	-.228	.016	-.176	-.281	220	113	-.286	.054	-.127	-.637	220	202	-.317	.070	-.147	-.792
220	2	-.193	.016	-.141	-.254	220	114	-.224	.049	-.109	-.643	220	203	-.327	.072	-.177	-.762
220	3	-.224	.014	-.173	-.265	220	115	-.291	.053	-.138	-.684	220	204	-.307	.051	-.180	-.565
220	4	-.174	.015	-.123	-.234	220	116	-.284	.053	-.159	-.618	220	205	-.289	.057	-.136	-.650
220	5	-.234	.017	-.183	-.299	220	117	-.292	.049	-.178	-.544	220	206	-.307	.064	-.166	-.656
220	6	-.193	.015	-.151	-.249	220	118	-.288	.049	-.154	-.598	220	207	-.320	.064	-.164	-.650
220	7	-.232	.016	-.176	-.286	220	119	-.289	.052	-.162	-.613	220	208	-.313	.056	-.187	-.704
220	8	-.225	.016	-.165	-.279	220	120	-.287	.052	-.155	-.602	220	209	-.314	.059	-.179	-.723
220	9	-.231	.014	-.189	-.273	220	121	-.305	.055	-.158	-.649	220	210	-.320	.061	-.140	-.778
220	10	-.233	.016	-.177	-.288	220	122	-.293	.055	-.152	-.791	220	211	-.335	.062	-.168	-.821
220	11	-.188	.015	-.143	-.242	220	123	-.290	.051	-.145	-.683	220	212	-.333	.063	-.176	-.842
220	12	-.231	.016	-.171	-.277	220	124	-.283	.048	-.128	-.604	220	213	-.325	.060	-.155	-.767
220	13	-.167	.015	-.118	-.219	220	125	-.298	.053	-.129	-.722	220	214	-.317	.060	-.143	-.652
220	14	-.225	.016	-.156	-.283	220	126	-.298	.055	-.113	-.721	220	215	-.334	.065	-.158	-.736
220	15	-.232	.016	-.160	-.287	220	127	-.301	.056	-.111	-.697	220	216	-.336	.063	-.198	-.729
220	16	-.194	.015	-.146	-.249	220	128	-.279	.053	-.176	-.928	220	217	-.308	.056	-.171	-.692
						220	129	-.291	.048	-.190	-.751	220	218	-.305	.052	-.094	-.817
						220	130	-.291	.050	-.166	-.813	220	219	-.310	.048	-.191	-.729

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	220	-.264	.037	-.144	-.493	220	341	-.264	.030	-.181	-.422	220	515	-.167	.043	.016	-.399
220	221	-.278	.037	-.171	-.530	220	342	-.252	.022	-.195	-.397	220	516	-.169	.037	-.007	-.393
220	222	-.256	.032	-.161	-.410	220	343	-.249	.024	-.184	-.383	220	517	-.117	.108	.386	-.692
220	223	-.268	.032	-.175	-.417	220	344	-.266	.022	-.197	-.380	220	518	-.123	.059	.233	-.293
220	224	-.268	.031	-.184	-.415	220	345	-.255	.023	-.177	-.364	220	519	-.218	.045	.037	-.496
220	225	-.253	.022	-.183	-.330	220	346	-.251	.022	-.179	-.360	220	520	-.143	.100	.328	-.470
220	226	-.254	.022	-.186	-.335	220	347	-.250	.024	-.177	-.360	220	521	-.084	.087	.365	-.358
220	227	-.255	.020	-.175	-.317	220	348	-.268	.025	-.195	-.384	220	522	-.139	.068	.236	-.366
220	228	-.196	.018	-.135	-.264	220	349	-.255	.023	-.179	-.433	220	523	-.191	.054	.087	-.395
220	229	-.241	.020	-.176	-.313	220	350	-.251	.022	-.192	-.451	220	524	-.132	.045	.083	-.350
220	301	-.261	.048	-.107	-.631	220	351	-.249	.021	-.186	-.512	220	525	-.222	.037	-.059	-.355
220	302	-.276	.047	-.118	-.513	220	352	-.265	.019	-.206	-.349	220	526	-.203	.031	-.088	-.314
220	303	-.229	.046	-.022	-.527	220	353	-.223	.023	-.138	-.336	220	527	-.179	.096	.219	-.579
220	304	-.276	.053	-.081	-.577	220	354	-.270	.027	-.193	-.418	220	528	-.143	.085	.224	-.501
220	305	-.256	.051	-.126	-.581	220	355	-.247	.017	-.198	-.347	220	529	-.169	.066	.151	-.389
220	306	-.285	.057	-.084	-.800	220	356	-.224	.022	-.146	-.414	220	530	-.158	.049	.038	-.347
220	307	-.279	.055	-.106	-.564	220	357	-.261	.022	-.186	-.455	220	531	-.216	.039	-.028	-.374
220	308	-.284	.061	-.108	-.728	220	358	-.214	.021	-.155	-.327	220	532	-.207	.036	-.045	-.349
220	309	-.277	.058	-.109	-.596	220	359	-.257	.020	-.188	-.351	220	533	-.237	.032	-.069	-.391
220	310	-.278	.055	-.081	-.559	220	360	-.227	.019	-.165	-.306	220	534	-.202	.074	.109	-.564
220	311	-.279	.061	-.123	-.659	220	361	-.264	.021	-.200	-.348	220	535	-.223	.065	.052	-.614
220	312	-.287	.066	-.121	-.833	220	362	-.218	.021	-.150	-.334	220	536	-.194	.046	-.009	-.403
220	313	-.274	.047	-.152	-.599	220	363	-.255	.021	-.183	-.359	220	537	-.212	.037	-.057	-.352
220	314	-.226	.043	-.104	-.522	220	364	-.226	.019	-.170	-.309	220	538	-.190	.019	-.126	-.247
220	315	-.274	.040	-.147	-.452	220	365	-.259	.019	-.188	-.350	220	539	-.237	.030	-.103	-.341
220	316	-.270	.039	-.169	-.456	220	366	-.214	.020	-.143	-.289	220	540	-.257	.035	-.147	-.431
220	317	-.262	.045	-.127	-.535	220	367	-.258	.021	-.193	-.336	220	541	-.239	.055	-.003	-.621
220	318	-.289	.058	-.124	-.701	220	368	-.228	.021	-.168	-.321	220	542	-.200	.047	.005	-.481
220	319	-.281	.049	-.121	-.614	220	369	-.263	.020	-.205	-.352	220	543	-.224	.037	-.045	-.424
220	320	-.288	.052	-.169	-.563	220	370	-.206	.018	-.143	-.280	220	544	-.204	.030	-.033	-.339
220	321	-.276	.038	-.170	-.501	220	371	-.250	.018	-.188	-.329	220	545	-.225	.027	-.064	-.321
220	322	-.271	.040	-.172	-.508	220	372	-.221	.018	-.151	-.328	220	546	-.204	.025	-.057	-.278
220	323	-.275	.042	-.155	-.552	220	373	-.262	.022	-.190	-.386	220	547	-.246	.021	-.139	-.318
220	324	-.294	.044	-.172	-.534	220	374	-.213	.021	-.153	-.301	220	548	-.232	.050	-.059	-.427
220	325	-.285	.041	-.192	-.535	220	375	-.249	.018	-.196	-.304	220	549	-.235	.042	-.103	-.435
220	326	-.277	.043	-.174	-.576	220	376	-.222	.018	-.160	-.278	220	550	-.193	.031	-.086	-.314
220	327	-.275	.043	-.175	-.573	220	377	-.257	.019	-.198	-.314	220	551	-.227	.027	-.113	-.308
220	328	-.284	.037	-.175	-.448	220	501	-.068	.139	.696	-.737	220	552	-.223	.025	-.098	-.321
220	329	-.281	.037	-.174	-.483	220	502	-.096	.112	.504	-.395	220	553	-.226	.025	-.128	-.328
220	330	-.278	.039	-.163	-.497	220	503	-.133	.091	.355	-.392	220	554	-.241	.025	-.147	-.391
220	331	-.274	.039	-.159	-.471	220	504	-.163	.076	.215	-.415	220	555	-.246	.059	-.049	-.551
220	332	-.288	.038	-.199	-.474	220	505	-.181	.052	.149	-.457	220	556	-.232	.042	-.088	-.399
220	333	-.272	.037	-.172	-.487	220	506	-.099	.128	.845	-.598	220	557	-.218	.029	-.085	-.371
220	334	-.268	.040	-.158	-.497	220	507	-.211	.052	.021	-.427	220	558	-.225	.025	-.122	-.321
220	335	-.255	.029	-.177	-.401	220	508	-.110	.113	.493	-.764	220	559	-.221	.023	-.135	-.295
220	336	-.272	.030	-.197	-.430	220	509	-.105	.084	.284	-.391	220	560	-.228	.019	-.166	-.291
220	337	-.258	.027	-.179	-.389	220	510	-.144	.070	.173	-.384	220	561	-.229	.021	-.161	-.315
220	338	-.256	.024	-.181	-.392	220	511	-.133	.053	.067	-.358	220	562	-.245	.041	-.117	-.466
220	339	-.251	.024	-.175	-.378	220	512	-.213	.044	-.024	-.466	220	563	-.223	.030	-.113	-.432
220	340	-.271	.027	-.192	-.443	220	514	-.079	.120	.428	-.503	220	564	-.225	.024	-.142	-.338

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
220	565	-.221	.022	-.131	-.355	220	806	-.251	.049	-.068	-.479	220	856	-.201	.054	.022	-.393
220	566	-.231	.021	-.140	-.324	220	807	-.119	.143	.477	-.632	220	857	-.249	.021	-.173	-.329
220	567	-.226	.020	-.142	-.305	220	808	-.276	.047	-.118	-.477	220	858	-.227	.027	-.096	-.322
220	568	-.231	.019	-.164	-.296	220	809	-.236	.055	.069	-.465	220	859	-.207	.023	-.113	-.290
220	569	-.222	.021	-.144	-.297	220	810	-.157	.090	.315	-.520	220	860	-.213	.042	.042	-.317
220	570	-.232	.020	-.162	-.299	220	811	-.073	.104	.382	-.424	220	861	-.174	.058	.166	-.317
220	571	-.232	.020	-.169	-.298	220	812	-.112	.152	.556	-.749	220	862	-.243	.018	-.174	-.305
220	572	-.232	.017	-.157	-.289	220	813	-.208	.043	-.071	-.384	220	863	-.144	.056	.131	-.309
220	573	-.225	.019	-.141	-.285	220	814	-.229	.049	-.013	-.438	220	864	-.250	.019	-.179	-.315
220	574	-.236	.021	-.162	-.307	220	815	-.158	.063	.122	-.455	220	865	-.183	.026	-.082	-.284
220	575	-.228	.020	-.159	-.295	220	816	-.137	.096	.327	-.520	220	866	-.221	.031	-.010	-.361
220	576	-.233	.020	-.162	-.306	220	817	-.098	.112	.450	-.536	220	867	-.182	.043	-.002	-.307
220	577	-.228	.020	-.159	-.300	220	818	-.274	.048	-.138	-.554	220	868	-.174	.052	.043	-.312
220	578	-.237	.019	-.167	-.299	220	819	-.178	.073	.181	-.401	220	869	-.187	.037	.034	-.295
220	579	-.227	.018	-.154	-.290	220	820	-.127	.120	.553	-.512	220	870	-.243	.021	-.171	-.329
220	580	-.227	.018	-.169	-.296	220	821	-.265	.045	-.128	-.466	220	901	-.315	.063	-.165	-.728
220	701	-.327	.071	-.082	-.738	220	822	-.230	.047	-.035	-.463	220	902	-.221	.035	.030	-.421
220	702	-.326	.072	-.172	-.718	220	823	-.194	.060	.149	-.492	220	903	-.145	.101	.418	-.514
220	703	-.264	.059	-.097	-.595	220	824	-.162	.076	.296	-.554	220	904	-.279	.047	-.141	-.568
220	704	-.308	.069	-.099	-.747	220	825	-.129	.093	.352	-.544	220	905	-.278	.047	-.108	-.554
220	705	-.322	.079	-.135	-.833	220	826	-.097	.108	.327	-.573	220	906	-.283	.048	-.157	-.538
220	706	-.320	.068	-.143	-.829	220	827	-.222	.046	-.060	-.454	220	907	-.313	.063	-.087	-.661
220	707	-.317	.063	-.171	-.632	220	828	-.233	.045	-.037	-.428	220	908	-.222	.053	.033	-.423
220	708	-.313	.065	-.157	-.820	220	829	-.119	.056	.136	-.339	220	909	-.145	.102	.403	-.488
220	709	-.321	.061	-.159	-.697	220	830	-.152	.064	.186	-.342	220	910	-.281	.052	-.096	-.594
220	710	-.302	.062	-.030	-.589	220	831	-.132	.087	.323	-.572	220	911	-.272	.048	-.136	-.625
220	711	-.319	.059	-.165	-.650	220	832	-.141	.103	.348	-.680	220	912	-.279	.054	-.112	-.610
220	712	-.317	.056	-.171	-.647	220	833	-.246	.050	.012	-.449	220	913	-.311	.081	.110	-.650
220	713	-.313	.062	-.037	-.670	220	834	-.219	.041	.009	-.354	220	914	-.286	.084	.070	-.716
220	714	-.314	.057	-.173	-.620	220	835	-.176	.053	.062	-.340	220	915	-.320	.076	-.021	-.672
220	715	-.305	.078	-.056	-.755	220	836	-.152	.060	.210	-.319	220	916	-.235	.066	.085	-.562
220	716	-.330	.065	-.120	-.732	220	837	-.134	.065	.193	-.459	230	1	-.222	.017	-.155	-.273
220	717	-.280	.064	-.004	-.631	220	838	-.149	.069	.160	-.544	230	2	-.184	.017	-.128	-.245
220	718	-.307	.071	-.047	-.730	220	839	-.264	.035	-.093	-.451	230	3	-.215	.016	-.158	-.272
220	719	-.317	.063	-.146	-.793	220	840	-.240	.039	.002	-.493	230	4	-.166	.016	-.109	-.224
220	720	-.259	.046	-.062	-.483	220	841	-.203	.043	.122	-.361	230	5	-.226	.017	-.166	-.287
220	721	-.284	.041	-.160	-.470	220	842	-.178	.048	.096	-.373	230	6	-.189	.016	-.134	-.240
220	722	-.262	.032	-.145	-.403	220	843	-.163	.042	.016	-.330	230	7	-.225	.017	-.159	-.280
220	723	-.261	.037	-.167	-.405	220	844	-.195	.049	.057	-.437	230	8	-.220	.016	-.166	-.278
220	724	-.223	.031	-.096	-.364	220	845	-.258	.029	-.161	-.382	230	9	-.227	.016	-.169	-.284
220	725	-.232	.020	-.164	-.298	220	846	-.220	.030	-.113	-.400	230	10	-.229	.018	-.164	-.287
220	726	-.247	.019	-.180	-.329	220	847	-.216	.027	-.110	-.383	230	11	-.186	.016	-.128	-.238
220	727	-.254	.018	-.192	-.322	220	848	-.214	.038	-.051	-.366	230	12	-.220	.017	-.156	-.268
220	728	-.209	.019	-.122	-.263	220	849	-.194	.047	.036	-.349	230	13	-.167	.016	-.109	-.219
220	729	-.245	.020	-.182	-.310	220	850	-.245	.023	-.167	-.344	230	14	-.217	.018	-.149	-.274
220	801	-.254	.050	-.013	-.523	220	851	-.168	.046	.028	-.383	230	15	-.227	.016	-.170	-.285
220	802	-.184	.053	.102	-.423	220	852	-.249	.023	-.150	-.344	230	16	-.189	.016	-.137	-.249
220	803	-.200	.069	.148	-.495	220	853	-.229	.028	-.058	-.317	230	17	-.186	.016	-.135	-.245
220	804	-.151	.086	.234	-.469	220	854	-.189	.051	.047	-.310	230	18	-.166	.016	-.113	-.239
220	805	-.169	.116	.336	-.650	220	855	-.183	.036	-.007	-.273	230	19	-.214	.016	-.148	-.272

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	20	-.212	.016	-.153	-.268	230	134	-.260	.037	-.167	-.446	230	223	-.260	.022	-.196	-.360
230	21	-.228	.017	-.172	-.280	230	135	-.258	.036	-.156	-.467	230	224	-.255	.024	-.175	-.414
230	22	-.222	.017	-.159	-.280	230	136	-.252	.037	-.153	-.435	230	225	-.252	.021	-.178	-.333
230	23	-.216	.017	-.153	-.272	230	137	-.271	.046	-.132	-.632	230	226	-.247	.023	-.170	-.354
230	24	-.227	.018	-.160	-.285	230	138	-.282	.058	-.124	-.708	230	227	-.254	.019	-.185	-.324
230	25	-.227	.018	-.159	-.292	230	139	-.293	.069	-.146	-.824	230	228	-.189	.017	-.132	-.240
230	26	-.221	.018	-.154	-.293	230	140	-.248	.024	-.182	-.387	230	229	-.236	.019	-.163	-.299
230	27	-.225	.018	-.159	-.279	230	141	-.253	.023	-.188	-.364	230	301	-.244	.054	.026	-.559
230	28	-.227	.016	-.169	-.287	230	142	-.249	.025	-.168	-.367	230	302	-.257	.054	.021	-.559
230	29	-.226	.016	-.168	-.280	230	143	-.260	.024	-.177	-.352	230	303	-.204	.048	-.012	-.485
230	30	-.227	.017	-.173	-.294	230	144	-.253	.029	-.165	-.445	230	304	-.256	.049	-.113	-.564
230	31	-.225	.017	-.166	-.286	230	145	-.264	.032	-.176	-.470	230	305	-.240	.049	-.111	-.500
230	91	-.223	.020	-.153	-.321	230	146	-.243	.022	-.172	-.352	230	306	-.285	.072	-.071	-.831
230	92	-.224	.022	-.152	-.340	230	147	-.250	.020	-.170	-.324	230	307	-.276	.057	-.122	-.604
230	93	-.218	.031	-.094	-.371	230	148	-.242	.020	-.168	-.315	230	308	-.279	.075	.024	-.861
230	94	-.229	.030	-.116	-.390	230	149	-.249	.021	-.146	-.333	230	309	-.270	.068	.018	-.631
230	95	-.211	.028	-.097	-.314	230	150	-.247	.023	-.141	-.381	230	310	-.273	.067	.038	-.680
230	101	-.285	.062	-.075	-.631	230	151	-.257	.023	-.185	-.367	230	311	-.272	.062	-.066	-.631
230	102	-.296	.061	-.135	-.694	230	152	-.241	.020	-.175	-.313	230	312	-.281	.062	-.106	-.648
230	103	-.275	.055	-.135	-.557	230	153	-.246	.020	-.176	-.308	230	313	-.260	.048	-.121	-.542
230	104	-.277	.059	-.110	-.575	230	154	-.232	.016	-.177	-.299	230	314	-.217	.045	-.091	-.480
230	105	-.243	.055	-.101	-.582	230	155	-.250	.019	-.175	-.308	230	315	-.257	.043	-.123	-.458
230	106	-.237	.052	-.100	-.485	230	156	-.244	.020	-.173	-.329	230	316	-.261	.048	-.085	-.522
230	107	-.261	.050	-.112	-.530	230	157	-.248	.021	-.176	-.347	230	317	-.253	.051	-.100	-.670
230	108	-.215	.046	-.082	-.471	230	158	-.243	.021	-.158	-.364	230	318	-.290	.071	-.077	-.665
230	109	-.279	.055	-.135	-.624	230	159	-.250	.019	-.187	-.322	230	319	-.271	.065	.050	-.761
230	110	-.296	.054	-.161	-.651	230	160	-.240	.019	-.173	-.320	230	320	-.285	.055	-.105	-.598
230	111	-.275	.054	-.134	-.565	230	161	-.245	.019	-.185	-.323	230	321	-.269	.049	-.086	-.708
230	112	-.295	.056	-.149	-.617	230	201	-.335	.073	-.178	-.787	230	322	-.264	.049	-.060	-.641
230	113	-.282	.054	-.104	-.552	230	202	-.315	.071	-.130	-.808	230	323	-.271	.051	-.062	-.658
230	114	-.214	.049	-.069	-.514	230	203	-.313	.068	-.147	-.648	230	324	-.288	.049	-.091	-.557
230	115	-.286	.053	-.084	-.558	230	204	-.287	.052	-.137	-.564	230	325	-.275	.048	-.035	-.495
230	116	-.291	.056	-.143	-.603	230	205	-.272	.053	-.132	-.633	230	326	-.267	.048	-.069	-.510
230	117	-.298	.054	-.151	-.597	230	206	-.294	.060	-.133	-.619	230	327	-.270	.050	-.085	-.567
230	118	-.292	.051	-.158	-.604	230	207	-.317	.059	-.140	-.644	230	328	-.277	.052	-.034	-.728
230	119	-.291	.056	-.139	-.677	230	208	-.306	.055	-.138	-.584	230	329	-.274	.050	-.080	-.645
230	120	-.285	.058	-.122	-.648	230	209	-.309	.059	-.159	-.674	230	330	-.267	.050	-.047	-.555
230	121	-.301	.062	-.147	-.658	230	210	-.320	.062	-.182	-.615	230	331	-.267	.049	-.022	-.513
230	122	-.299	.058	-.175	-.657	230	211	-.330	.063	-.176	-.629	230	332	-.281	.048	-.100	-.559
230	123	-.295	.056	-.165	-.640	230	212	-.328	.064	-.179	-.596	230	333	-.279	.050	-.084	-.589
230	124	-.290	.052	-.151	-.521	230	213	-.321	.060	-.163	-.555	230	334	-.274	.051	-.090	-.650
230	125	-.302	.059	-.129	-.617	230	214	-.319	.067	-.167	-.648	230	335	-.263	.047	-.119	-.572
230	126	-.303	.061	-.124	-.628	230	215	-.329	.072	-.173	-.790	230	336	-.280	.048	-.135	-.594
230	127	-.307	.063	-.127	-.637	230	216	-.333	.070	-.194	-.817	230	337	-.252	.034	-.147	-.439
230	128	-.277	.054	-.153	-.679	230	217	-.283	.058	-.116	-.691	230	338	-.255	.034	-.121	-.481
230	129	-.287	.052	-.168	-.649	230	218	-.295	.053	-.134	-.748	230	339	-.254	.032	-.142	-.391
230	130	-.289	.054	-.155	-.572	230	219	-.303	.049	-.177	-.703	230	340	-.273	.036	-.176	-.462
230	131	-.302	.070	-.151	-.712	230	220	-.255	.027	-.163	-.395	230	341	-.278	.040	-.171	-.472
230	132	-.310	.074	-.134	-.839	230	221	-.265	.028	-.183	-.477	230	342	-.256	.043	-.169	-.623
230	133	-.326	.079	-.132	-.939	230	222	-.246	.023	-.180	-.403	230	343	-.256	.047	-.153	-.726

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	344	-.270	.042	-.174	-.585	230	518	-.148	.065	.165	-.383	230	568	-.225	.018	-.161	-.294
230	345	-.262	.032	-.183	-.423	230	519	-.211	.064	.178	-.479	230	569	-.221	.019	-.158	-.287
230	346	-.252	.030	-.146	-.417	230	520	-.118	.110	.382	-.516	230	570	-.229	.018	-.174	-.286
230	347	-.254	.033	-.173	-.450	230	521	-.138	.071	.193	-.391	230	571	-.230	.019	-.168	-.298
230	348	-.271	.034	-.194	-.456	230	522	-.125	.078	.214	-.371	230	572	-.227	.016	-.174	-.277
230	349	-.249	.036	-.178	-.616	230	523	-.181	.062	.129	-.434	230	573	-.220	.018	-.153	-.275
230	350	-.238	.034	-.167	-.591	230	524	-.148	.044	.133	-.306	230	574	-.230	.019	-.167	-.286
230	351	-.237	.028	-.162	-.511	230	525	-.217	.048	.068	-.371	230	575	-.223	.019	-.163	-.286
230	352	-.249	.023	-.172	-.374	230	526	-.201	.042	.052	-.378	230	576	-.232	.019	-.171	-.294
230	353	-.211	.023	-.149	-.310	230	527	-.162	.111	.329	-.884	230	577	-.228	.019	-.166	-.295
230	354	-.254	.028	-.184	-.455	230	528	-.132	.089	.349	-.542	230	578	-.233	.018	-.174	-.291
230	355	-.237	.021	-.181	-.344	230	529	-.163	.070	.216	-.398	230	579	-.224	.018	-.168	-.283
230	356	-.211	.026	-.144	-.527	230	530	-.153	.055	.107	-.331	230	580	-.224	.019	-.149	-.292
230	357	-.252	.024	-.182	-.505	230	531	-.212	.045	.049	-.352	230	701	-.316	.062	-.060	-.561
230	358	-.204	.020	-.144	-.352	230	532	-.201	.043	.012	-.402	230	702	-.331	.073	-.159	-.694
230	359	-.245	.019	-.182	-.316	230	533	-.233	.040	-.081	-.451	230	703	-.250	.055	-.094	-.499
230	360	-.211	.019	-.156	-.280	230	534	-.215	.079	.109	-.578	230	704	-.303	.062	-.137	-.616
230	361	-.255	.021	-.187	-.343	230	535	-.237	.070	.047	-.643	230	705	-.306	.060	-.150	-.619
230	362	-.206	.022	-.130	-.345	230	536	-.206	.046	.017	-.447	230	706	-.325	.067	-.119	-.650
230	363	-.243	.021	-.177	-.370	230	537	-.224	.034	-.010	-.356	230	707	-.312	.059	-.168	-.657
230	364	-.212	.019	-.139	-.285	230	538	-.198	.015	-.119	-.252	230	708	-.316	.066	-.147	-.653
230	365	-.251	.021	-.170	-.340	230	539	-.240	.026	-.103	-.347	230	709	-.307	.060	-.170	-.676
230	366	-.203	.020	-.139	-.281	230	540	-.246	.033	-.104	-.448	230	710	-.302	.061	-.084	-.593
230	367	-.246	.020	-.187	-.338	230	541	-.252	.048	-.120	-.575	230	711	-.314	.060	-.154	-.625
230	368	-.215	.019	-.153	-.307	230	542	-.213	.043	-.088	-.493	230	712	-.311	.058	-.174	-.610
230	369	-.251	.019	-.182	-.319	230	543	-.239	.036	-.122	-.415	230	713	-.312	.062	-.071	-.591
230	370	-.202	.019	-.137	-.269	230	544	-.212	.031	-.116	-.336	230	714	-.309	.062	-.155	-.680
230	371	-.245	.020	-.189	-.323	230	545	-.233	.027	-.130	-.385	230	715	-.290	.076	.012	-.680
230	372	-.214	.019	-.153	-.273	230	546	-.205	.026	-.107	-.335	230	716	-.319	.069	-.179	-.727
230	373	-.251	.021	-.189	-.338	230	547	-.244	.024	-.181	-.392	230	717	-.253	.059	-.004	-.651
230	374	-.202	.021	-.115	-.283	230	548	-.236	.043	-.078	-.461	230	718	-.269	.058	.005	-.758
230	375	-.241	.019	-.167	-.308	230	549	-.247	.037	-.108	-.446	230	719	-.282	.053	-.140	-.644
230	376	-.210	.019	-.127	-.288	230	550	-.207	.030	-.088	-.324	230	720	-.243	.033	-.112	-.399
230	377	-.248	.020	-.163	-.326	230	551	-.238	.027	-.134	-.349	230	721	-.256	.031	-.120	-.422
230	501	-.046	.150	.735	-.585	230	552	-.231	.024	-.137	-.327	230	722	-.237	.022	-.169	-.364
230	502	-.069	.120	.383	-.489	230	553	-.223	.023	-.141	-.344	230	723	-.236	.022	-.182	-.395
230	503	-.099	.107	.407	-.404	230	554	-.232	.024	-.162	-.394	230	724	-.210	.022	-.113	-.330
230	504	-.131	.102	.405	-.444	230	555	-.257	.055	-.094	-.621	230	725	-.229	.018	-.162	-.299
230	505	-.169	.067	.152	-.381	230	556	-.243	.039	-.111	-.448	230	726	-.237	.018	-.168	-.313
230	506	-.090	.125	.468	-.559	230	557	-.227	.028	-.109	-.337	230	727	-.243	.018	-.174	-.310
230	507	-.186	.072	.266	-.463	230	558	-.230	.023	-.120	-.296	230	728	-.200	.019	-.120	-.285
230	508	-.148	.109	.421	-.655	230	559	-.222	.020	-.139	-.286	230	729	-.242	.018	-.179	-.310
230	509	-.129	.089	.287	-.490	230	560	-.226	.017	-.166	-.282	230	801	-.240	.050	.004	-.506
230	510	-.160	.073	.265	-.407	230	561	-.222	.019	-.146	-.320	230	802	-.171	.054	.092	-.413
230	511	-.145	.056	.191	-.323	230	562	-.257	.040	-.147	-.414	230	803	-.195	.071	.171	-.491
230	512	-.214	.049	.034	-.364	230	563	-.234	.031	-.142	-.374	230	804	-.147	.090	.275	-.649
230	514	-.079	.126	.574	-.501	230	564	-.230	.024	-.137	-.320	230	805	-.162	.121	.381	-.904
230	515	-.172	.050	.156	-.350	230	565	-.220	.021	-.139	-.290	230	806	-.252	.050	-.041	-.546
230	516	-.167	.045	.144	-.330	230	566	-.227	.020	-.149	-.284	230	807	-.151	.155	.361	-.912
230	517	-.171	.108	.358	-.680	230	567	-.219	.019	-.144	-.278	230	808	-.270	.049	-.063	-.497

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
230	809	-.230	.055	-.013	-.462	230	859	-.207	.020	-.128	-.299	240	23	-.211	.016	-.155	-.262
230	810	-.153	.083	.188	-.401	230	860	-.217	.040	.000	-.332	240	24	-.222	.016	-.170	-.288
230	811	-.096	.094	.439	-.638	230	861	-.181	.060	.080	-.318	240	25	-.223	.016	-.169	-.287
230	812	-.129	.161	.482	-.879	230	862	-.237	.018	-.177	-.320	240	26	-.218	.017	-.159	-.288
230	813	-.196	.043	-.001	-.408	230	863	-.148	.063	.108	-.302	240	27	-.220	.016	-.167	-.284
230	814	-.222	.051	.016	-.465	230	864	-.248	.019	-.182	-.332	240	28	-.223	.015	-.170	-.271
230	815	-.163	.066	.263	-.415	230	865	-.192	.024	-.090	-.273	240	29	-.220	.013	-.179	-.261
230	816	-.154	.093	.311	-.660	230	866	-.224	.033	-.090	-.346	240	30	-.224	.016	-.165	-.281
230	817	-.113	.102	.390	-.654	230	867	-.181	.044	.126	-.305	240	31	-.217	.015	-.164	-.265
230	818	-.253	.049	-.079	-.479	230	868	-.173	.053	.073	-.294	240	91	-.213	.019	-.145	-.269
230	819	-.162	.086	.325	-.430	230	869	-.185	.036	-.042	-.304	240	92	-.216	.021	-.146	-.322
230	820	-.117	.125	.463	-.724	230	870	-.236	.019	-.180	-.312	240	93	-.208	.030	-.074	-.377
230	821	-.260	.048	-.035	-.483	230	901	-.313	.065	-.150	-.691	240	94	-.216	.030	-.076	-.365
230	822	-.226	.050	.007	-.418	230	902	-.205	.063	.160	-.420	240	95	-.195	.027	-.064	-.291
230	823	-.192	.062	.104	-.509	230	903	-.128	.112	.423	-.638	240	101	-.295	.070	-.121	-.761
230	824	-.166	.079	.153	-.625	230	904	-.281	.062	-.062	-.637	240	102	-.298	.063	-.143	-.650
230	825	-.138	.094	.309	-.739	230	905	-.274	.057	-.056	-.624	240	103	-.287	.064	-.117	-.642
230	826	-.122	.091	.388	-.805	230	906	-.277	.057	-.019	-.834	240	104	-.293	.076	-.117	-.880
230	827	-.203	.043	.000	-.453	230	907	-.307	.063	-.135	-.676	240	105	-.261	.066	-.095	-.616
230	828	-.227	.047	-.002	-.406	230	908	-.209	.056	.037	-.401	240	106	-.254	.062	-.067	-.605
230	829	-.121	.055	.193	-.326	230	909	-.132	.106	.371	-.679	240	107	-.294	.055	-.145	-.567
230	830	-.154	.067	.237	-.440	230	910	-.278	.065	-.008	-.592	240	108	-.274	.055	-.127	-.557
230	831	-.139	.090	.243	-.564	230	911	-.265	.059	.016	-.625	240	109	-.281	.060	-.107	-.580
230	832	-.149	.106	.315	-.711	230	912	-.275	.061	-.075	-.554	240	110	-.297	.058	-.136	-.594
230	833	-.242	.050	.008	-.636	230	913	-.288	.081	.039	-.631	240	111	-.283	.061	-.113	-.563
230	834	-.219	.041	-.017	-.471	230	914	-.260	.084	.072	-.732	240	112	-.311	.066	-.136	-.691
230	835	-.183	.055	.123	-.404	230	915	-.299	.068	-.026	-.580	240	113	-.295	.060	-.132	-.666
230	836	-.170	.059	.121	-.364	230	916	-.219	.063	.071	-.494	240	114	-.230	.057	-.092	-.563
230	837	-.161	.060	.147	-.499	240	1	-.217	.017	-.159	-.277	240	115	-.301	.058	-.147	-.581
230	838	-.176	.064	.163	-.584	240	2	-.178	.016	-.113	-.231	240	116	-.314	.064	-.151	-.694
230	839	-.247	.034	-.123	-.449	240	3	-.209	.016	-.155	-.264	240	117	-.320	.061	-.161	-.659
230	840	-.235	.035	-.081	-.420	240	4	-.160	.015	-.105	-.212	240	118	-.315	.060	-.157	-.717
230	841	-.211	.040	.051	-.399	240	5	-.221	.016	-.160	-.288	240	119	-.318	.068	-.111	-.802
230	842	-.203	.046	.030	-.366	240	6	-.187	.015	-.136	-.238	240	120	-.311	.063	-.151	-.618
230	843	-.180	.040	.106	-.330	240	7	-.219	.017	-.160	-.279	240	121	-.330	.068	-.154	-.715
230	844	-.219	.046	-.017	-.388	240	8	-.216	.016	-.159	-.272	240	122	-.314	.064	-.174	-.703
230	845	-.242	.024	-.171	-.339	240	9	-.222	.015	-.169	-.268	240	123	-.308	.060	-.153	-.650
230	846	-.229	.026	-.138	-.332	240	10	-.225	.016	-.162	-.276	240	124	-.311	.066	-.105	-.783
230	847	-.206	.022	-.125	-.299	240	11	-.180	.016	-.129	-.231	240	125	-.327	.075	-.152	-.935
230	848	-.230	.033	-.090	-.334	240	12	-.217	.016	-.165	-.263	240	126	-.327	.075	-.138	-.882
230	849	-.213	.044	-.017	-.353	240	13	-.162	.016	-.112	-.210	240	127	-.331	.077	-.132	-.865
230	850	-.236	.020	-.162	-.323	240	14	-.215	.016	-.158	-.267	240	128	-.283	.058	-.163	-.615
230	851	-.191	.043	.014	-.351	240	15	-.224	.016	-.174	-.283	240	129	-.297	.059	-.174	-.620
230	852	-.246	.021	-.167	-.315	240	16	-.186	.015	-.133	-.240	240	130	-.304	.068	-.162	-.766
230	853	-.235	.024	-.123	-.332	240	17	-.180	.015	-.124	-.233	240	131	-.325	.084	-.158	-.874
230	854	-.205	.050	.102	-.344	240	18	-.162	.015	-.105	-.212	240	132	-.344	.099	-.146	-1.180
230	855	-.196	.034	-.003	-.290	240	19	-.207	.017	-.148	-.262	240	133	-.371	.108	-.156	-1.272
230	856	-.215	.054	.114	-.359	240	20	-.206	.017	-.148	-.257	240	134	-.256	.039	-.153	-.506
230	857	-.241	.020	-.168	-.339	240	21	-.222	.017	-.160	-.281	240	135	-.251	.037	-.158	-.496
230	858	-.227	.025	-.088	-.332	240	22	-.218	.016	-.168	-.272	240	136	-.244	.041	-.136	-.512

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	137	-.268	.051	-.144	-.588	240	226	-.257	.021	-.187	-.366	240	347	-.260	.049	-.142	-.744
240	138	-.285	.064	-.162	-.773	240	227	-.248	.019	-.175	-.335	240	348	-.277	.050	-.160	-.701
240	139	-.304	.079	-.167	-.935	240	228	-.184	.016	-.124	-.242	240	349	-.249	.055	-.134	-.902
240	140	-.247	.025	-.170	-.407	240	229	-.231	.019	-.155	-.330	240	350	-.243	.052	-.141	-.830
240	141	-.249	.024	-.163	-.381	240	301	-.277	.059	-.090	-.609	240	351	-.236	.040	-.146	-.658
240	142	-.240	.024	-.167	-.352	240	302	-.291	.062	-.096	-.670	240	352	-.248	.028	-.173	-.515
240	143	-.253	.025	-.175	-.359	240	303	-.253	.055	-.080	-.636	240	353	-.204	.025	-.132	-.335
240	144	-.249	.029	-.175	-.395	240	304	-.285	.054	-.138	-.609	240	354	-.252	.029	-.172	-.479
240	145	-.261	.034	-.170	-.483	240	305	-.271	.055	-.143	-.547	240	355	-.239	.017	-.199	-.335
240	146	-.244	.021	-.187	-.344	240	306	-.285	.058	-.108	-.820	240	356	-.201	.026	-.136	-.440
240	147	-.249	.020	-.187	-.335	240	307	-.283	.056	-.123	-.651	240	357	-.243	.025	-.172	-.493
240	148	-.239	.021	-.167	-.312	240	308	-.281	.071	-.080	-.774	240	358	-.195	.020	-.122	-.316
240	149	-.246	.021	-.180	-.327	240	309	-.274	.067	-.081	-.618	240	359	-.239	.019	-.179	-.311
240	150	-.248	.022	-.184	-.334	240	310	-.269	.062	-.065	-.670	240	360	-.206	.019	-.148	-.270
240	151	-.257	.023	-.187	-.373	240	311	-.275	.053	-.126	-.634	240	361	-.248	.021	-.187	-.361
240	152	-.240	.019	-.170	-.324	240	312	-.283	.057	-.132	-.663	240	362	-.202	.021	-.127	-.302
240	153	-.243	.019	-.183	-.324	240	313	-.295	.064	-.150	-.677	240	363	-.240	.023	-.167	-.462
240	154	-.226	.016	-.169	-.290	240	314	-.270	.058	-.108	-.631	240	364	-.206	.019	-.136	-.287
240	155	-.249	.019	-.182	-.338	240	315	-.283	.050	-.107	-.541	240	365	-.247	.020	-.179	-.325
240	156	-.241	.018	-.180	-.316	240	316	-.267	.049	-.111	-.540	240	366	-.195	.021	-.122	-.345
240	157	-.245	.019	-.180	-.329	240	317	-.281	.055	-.118	-.562	240	367	-.238	.021	-.165	-.365
240	158	-.238	.018	-.172	-.307	240	318	-.324	.083	-.095	-.809	240	368	-.205	.020	-.139	-.282
240	159	-.245	.017	-.192	-.309	240	319	-.297	.070	-.122	-.680	240	369	-.243	.019	-.179	-.301
240	160	-.240	.019	-.180	-.348	240	320	-.309	.065	-.169	-.673	240	370	-.195	.018	-.115	-.274
240	161	-.246	.019	-.178	-.342	240	321	-.278	.052	-.136	-.694	240	371	-.239	.019	-.170	-.306
240	201	-.374	.088	-.172	-.819	240	322	-.273	.054	-.115	-.707	240	372	-.204	.018	-.132	-.280
240	202	-.359	.088	-.173	-.840	240	323	-.278	.056	-.110	-.717	240	373	-.245	.024	-.175	-.421
240	203	-.372	.088	-.153	-.785	240	324	-.299	.056	-.135	-.606	240	374	-.195	.022	-.127	-.300
240	204	-.334	.060	-.174	-.645	240	325	-.291	.051	-.132	-.538	240	375	-.233	.016	-.182	-.296
240	205	-.329	.071	-.133	-.736	240	326	-.287	.050	-.145	-.539	240	376	-.202	.017	-.153	-.261
240	206	-.324	.072	-.141	-.734	240	327	-.288	.051	-.126	-.556	240	377	-.242	.017	-.189	-.306
240	207	-.336	.068	-.151	-.686	240	328	-.288	.055	-.127	-.561	240	501	-.030	.193	.817	-.642
240	208	-.350	.064	-.203	-.687	240	329	-.283	.056	-.087	-.870	240	502	-.039	.159	.615	-.685
240	209	-.342	.069	-.179	-.702	240	330	-.280	.056	-.104	-.716	240	503	-.065	.134	.599	-.460
240	210	-.361	.077	-.194	-.852	240	331	-.278	.051	-.101	-.527	240	504	-.100	.115	.494	-.389
240	211	-.379	.080	-.220	-.867	240	332	-.293	.046	-.140	-.486	240	505	-.149	.077	.231	-.376
240	212	-.375	.080	-.211	-.870	240	333	-.291	.048	-.159	-.572	240	506	.007	.192	.794	-.647
240	213	-.360	.075	-.200	-.790	240	334	-.290	.051	-.150	-.648	240	507	-.132	.092	.239	-.391
240	214	-.358	.083	-.184	-.864	240	335	-.280	.065	-.142	-.760	240	508	-.072	.182	.594	-.900
240	215	-.355	.092	-.061	-.967	240	336	-.298	.068	-.113	-.778	240	509	-.046	.139	.590	-.458
240	216	-.360	.088	-.184	-.928	240	337	-.273	.056	-.161	-.644	240	510	-.087	.115	.455	-.361
240	217	-.271	.064	-.095	-.685	240	338	-.271	.045	-.170	-.671	240	511	-.110	.085	.238	-.328
240	218	-.318	.078	-.160	-.801	240	339	-.268	.040	-.158	-.597	240	512	-.182	.067	.125	-.396
240	219	-.325	.073	-.175	-.764	240	340	-.291	.046	-.180	-.727	240	514	-.050	.163	.682	-.640
240	220	-.249	.031	-.155	-.380	240	341	-.289	.050	-.150	-.520	240	515	-.157	.060	.192	-.346
240	221	-.265	.034	-.178	-.540	240	342	-.268	.058	-.161	-.691	240	516	-.157	.051	.125	-.306
240	222	-.245	.024	-.175	-.396	240	343	-.266	.066	-.142	-.778	240	517	-.169	.138	.498	-.675
240	223	-.257	.024	-.187	-.419	240	344	-.276	.055	-.144	-.663	240	518	-.120	.093	.454	-.374
240	224	-.247	.024	-.177	-.434	240	345	-.257	.040	-.141	-.613	240	519	-.193	.065	.112	-.394
240	225	-.247	.021	-.163	-.339	240	346	-.255	.037	-.152	-.461	240	520	-.068	.158	.709	-.823

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	521	-.120	.109	.520	-.600	240	571	-.219	.019	-.153	-.282	240	812	-.085	.186	.746	-.934
240	522	-.059	.126	.635	-.400	240	572	-.219	.015	-.166	-.270	240	813	-.237	.060	.904	-.547
240	523	-.120	.102	.439	-.394	240	573	-.210	.018	-.145	-.263	240	814	-.212	.070	.167	-.500
240	524	-.129	.060	.188	-.311	240	574	-.220	.018	-.154	-.282	240	815	-.123	.085	.268	-.411
240	525	-.188	.069	.152	-.373	240	575	-.214	.018	-.148	-.274	240	816	-.091	.124	.451	-.628
240	526	-.182	.053	.055	-.357	240	576	-.223	.018	-.151	-.280	240	817	-.076	.144	.534	-.726
240	527	-.129	.153	.639	-.829	240	577	-.220	.019	-.143	-.281	240	818	-.267	.057	.056	-.559
240	528	-.090	.124	.577	-.655	240	578	-.226	.018	-.151	-.285	240	819	-.126	.094	.319	-.387
240	529	-.115	.103	.512	-.422	240	579	-.216	.018	-.141	-.272	240	820	-.088	.101	.303	-.383
240	530	-.110	.084	.347	-.340	240	580	-.216	.018	-.151	-.270	240	821	-.269	.064	-.031	-.564
240	531	-.174	.069	.174	-.356	240	701	-.323	.080	.051	-.695	240	822	-.208	.074	.180	-.610
240	532	-.168	.057	.154	-.339	240	702	-.379	.087	-.139	-.948	240	823	-.160	.085	.245	-.483
240	533	-.219	.048	.004	-.395	240	703	-.269	.073	-.016	-.665	240	824	-.129	.100	.353	-.539
240	534	-.191	.079	.117	-.695	240	704	-.314	.073	-.086	-.777	240	825	-.104	.108	.450	-.512
240	535	-.213	.069	.069	-.622	240	705	-.332	.072	-.139	-.742	240	826	-.095	.108	.363	-.821
240	536	-.183	.053	.044	-.466	240	706	-.357	.084	-.037	-.907	240	827	-.201	.058	.072	-.476
240	537	-.206	.042	.027	-.390	240	707	-.355	.079	-.143	-.776	240	828	-.218	.062	.033	-.445
240	538	-.184	.018	-.113	-.254	240	708	-.345	.077	.065	-.867	240	829	-.092	.071	.331	-.378
240	539	-.236	.034	-.040	-.406	240	709	-.357	.068	-.188	-.658	240	830	-.114	.085	.349	-.360
240	540	-.245	.040	-.095	-.436	240	710	-.329	.082	-.033	-.762	240	831	-.102	.115	.473	-.771
240	541	-.245	.048	-.094	-.548	240	711	-.365	.078	-.185	-.736	240	832	-.130	.141	.468	-.875
240	542	-.210	.044	-.072	-.515	240	712	-.362	.076	-.197	-.703	240	833	-.256	.057	-.050	-.533
240	543	-.235	.038	-.100	-.425	240	713	-.336	.082	.043	-.742	240	834	-.224	.043	-.013	-.493
240	544	-.206	.031	-.086	-.325	240	714	-.366	.076	-.164	-.754	240	835	-.177	.055	.146	-.369
240	545	-.231	.028	-.134	-.351	240	715	-.325	.101	.053	-.884	240	836	-.167	.058	.169	-.399
240	546	-.207	.028	-.113	-.381	240	716	-.363	.088	-.139	-.884	240	837	-.154	.066	.172	-.545
240	547	-.254	.029	-.178	-.475	240	717	-.244	.069	.047	-.662	240	838	-.170	.072	.145	-.668
240	548	-.226	.043	-.086	-.512	240	718	-.277	.078	-.064	-.947	240	839	-.253	.038	-.110	-.444
240	549	-.239	.036	-.109	-.397	240	719	-.292	.070	-.136	-.848	240	840	-.239	.035	-.095	-.417
240	550	-.200	.031	-.081	-.319	240	720	-.230	.034	-.079	-.459	240	841	-.214	.038	-.032	-.413
240	551	-.234	.029	-.138	-.351	240	721	-.247	.032	-.132	-.448	240	842	-.205	.044	-.009	-.472
240	552	-.229	.027	-.136	-.360	240	722	-.238	.023	-.181	-.401	240	843	-.180	.036	-.046	-.366
240	553	-.217	.024	-.130	-.379	240	723	-.227	.019	-.165	-.308	240	844	-.217	.048	.023	-.647
240	554	-.229	.027	-.149	-.431	240	724	-.209	.024	-.143	-.386	240	845	-.241	.025	-.127	-.493
240	555	-.258	.062	-.076	-.577	240	725	-.226	.017	-.159	-.275	240	846	-.224	.024	-.132	-.332
240	556	-.241	.044	-.063	-.492	240	726	-.236	.018	-.178	-.315	240	847	-.199	.022	-.119	-.318
240	557	-.220	.030	-.085	-.346	240	727	-.241	.017	-.179	-.301	240	848	-.226	.030	-.065	-.336
240	558	-.221	.025	-.122	-.310	240	728	-.194	.019	-.112	-.252	240	849	-.211	.042	.005	-.358
240	559	-.216	.023	-.129	-.284	240	729	-.237	.017	-.174	-.289	240	850	-.234	.019	-.157	-.312
240	560	-.221	.018	-.151	-.290	240	801	-.251	.066	.056	-.540	240	851	-.177	.047	.031	-.373
240	561	-.218	.021	-.138	-.336	240	802	-.179	.070	.133	-.452	240	852	-.241	.020	-.157	-.311
240	562	-.267	.050	-.112	-.473	240	803	-.154	.091	.262	-.749	240	853	-.227	.024	-.122	-.307
240	563	-.230	.034	-.107	-.383	240	804	-.076	.125	.567	-.451	240	854	-.183	.053	.095	-.324
240	564	-.225	.024	-.144	-.331	240	805	-.095	.171	.661	-.902	240	855	-.171	.034	.031	-.274
240	565	-.215	.022	-.135	-.311	240	806	-.242	.060	.055	-.511	240	856	-.191	.058	.082	-.341
240	566	-.222	.020	-.139	-.302	240	807	-.097	.164	.661	-.813	240	857	-.238	.019	-.181	-.312
240	567	-.214	.020	-.127	-.294	240	808	-.274	.061	-.008	-.538	240	858	-.221	.028	-.039	-.339
240	568	-.219	.019	-.156	-.309	240	809	-.211	.075	.171	-.502	240	859	-.201	.021	-.121	-.313
240	569	-.210	.019	-.145	-.286	240	810	-.119	.105	.370	-.408	240	860	-.199	.048	.140	-.326
240	570	-.216	.018	-.151	-.285	240	811	-.053	.120	.550	-.554	240	861	-.153	.069	.173	-.312

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	862	-.232	.017	-.172	-.305	250	26	-.196	.014	-.153	-.245	250	140	-.223	.019	-.149	-.322
240	863	-.128	.064	-.152	-.264	250	27	-.198	.014	-.154	-.244	250	141	-.228	.019	-.154	-.326
240	864	-.242	.018	-.172	-.319	250	28	-.198	.013	-.157	-.245	250	142	-.250	.019	-.176	-.345
240	865	-.183	.023	-.064	-.262	250	29	-.215	.015	-.165	-.263	250	143	-.237	.020	-.161	-.357
240	866	-.212	.030	-.076	-.329	250	30	-.200	.014	-.148	-.243	250	144	-.237	.026	-.161	-.366
240	867	-.148	.054	.191	-.291	250	31	-.195	.013	-.151	-.246	250	145	-.250	.030	-.176	-.421
240	868	-.138	.068	.276	-.314	250	91	-.190	.018	-.122	-.259	250	146	-.243	.018	-.189	-.333
240	869	-.164	.042	.030	-.276	250	92	-.192	.020	-.133	-.270	250	147	-.225	.018	-.170	-.305
240	870	-.227	.020	-.153	-.344	250	93	-.178	.029	-.064	-.289	250	148	-.216	.018	-.156	-.274
240	901	-.355	.079	-.153	-1.023	250	94	-.182	.028	-.087	-.304	250	149	-.229	.019	-.173	-.321
240	902	-.184	.075	.204	-.454	250	95	-.165	.028	-.033	-.247	250	150	-.256	.023	-.191	-.373
240	903	-.086	.125	.579	-.635	250	101	-.279	.070	-.099	-.563	250	151	-.244	.025	-.170	-.376
240	904	-.304	.061	-.127	-.626	250	102	-.286	.069	-.082	-.719	250	152	-.214	.017	-.161	-.281
240	905	-.297	.053	-.120	-.588	250	103	-.277	.064	-.133	-.643	250	153	-.221	.016	-.166	-.277
240	906	-.301	.064	-.134	-.715	250	104	-.270	.074	-.091	-.741	250	154	-.207	.015	-.162	-.273
240	907	-.339	.070	.009	-.609	250	105	-.267	.079	-.100	-.865	250	155	-.227	.016	-.173	-.293
240	908	-.188	.073	.181	-.418	250	106	-.249	.069	-.071	-.581	250	156	-.221	.018	-.156	-.296
240	909	-.080	.134	.604	-.685	250	107	-.280	.058	-.122	-.588	250	157	-.226	.019	-.161	-.304
240	910	-.306	.068	-.115	-.735	250	108	-.262	.054	-.107	-.485	250	158	-.241	.017	-.186	-.293
240	911	-.285	.063	-.089	-.587	250	109	-.270	.062	-.116	-.655	250	159	-.223	.016	-.163	-.272
240	912	-.294	.058	-.134	-.720	250	110	-.281	.061	-.106	-.626	250	160	-.217	.018	-.151	-.291
240	913	-.324	.064	-.043	-.597	250	111	-.282	.064	-.126	-.590	250	161	-.224	.017	-.161	-.291
240	914	-.259	.076	-.027	-.724	250	112	-.293	.062	-.120	-.633	250	201	-.380	.095	-.168	-.836
240	915	-.318	.068	-.103	-.617	250	113	-.289	.065	-.131	-.667	250	202	-.376	.100	-.155	-.964
240	916	-.220	.059	.038	-.491	250	114	-.225	.059	-.065	-.580	250	203	-.363	.088	-.150	-.854
250	1	-.204	.016	-.131	-.251	250	115	-.294	.061	-.130	-.595	250	204	-.321	.060	-.137	-.626
250	2	-.161	.014	-.113	-.205	250	116	-.297	.065	-.159	-.764	250	205	-.310	.065	-.154	-.657
250	3	-.192	.014	-.131	-.238	250	117	-.300	.063	-.167	-.729	250	206	-.314	.071	-.116	-.659
250	4	-.141	.014	-.089	-.185	250	118	-.297	.060	-.163	-.630	250	207	-.332	.072	-.151	-.731
250	5	-.203	.015	-.148	-.250	250	119	-.301	.066	-.146	-.690	250	208	-.336	.070	-.161	-.694
250	6	-.167	.013	-.127	-.213	250	120	-.309	.066	-.132	-.598	250	209	-.356	.080	-.087	-.857
250	7	-.205	.016	-.142	-.257	250	121	-.328	.073	-.125	-.641	250	210	-.360	.083	-.151	-.764
250	8	-.201	.016	-.150	-.261	250	122	-.305	.066	-.146	-.674	250	211	-.375	.085	-.186	-.768
250	9	-.200	.014	-.154	-.247	250	123	-.298	.062	-.163	-.636	250	212	-.372	.086	-.192	-.796
250	10	-.202	.014	-.154	-.248	250	124	-.293	.059	-.144	-.555	250	213	-.347	.079	-.139	-.762
250	11	-.158	.013	-.117	-.203	250	125	-.308	.063	-.142	-.617	250	214	-.352	.082	-.183	-.750
250	12	-.195	.015	-.144	-.243	250	126	-.310	.063	-.144	-.613	250	215	-.332	.082	-.093	-.937
250	13	-.138	.013	-.096	-.183	250	127	-.313	.065	-.149	-.645	250	216	-.339	.079	-.183	-.808
250	14	-.194	.016	-.142	-.247	250	128	-.280	.061	-.161	-.668	250	217	-.258	.053	-.085	-.666
250	15	-.203	.015	-.164	-.257	250	129	-.285	.060	-.167	-.631	250	218	-.327	.063	-.199	-.718
250	16	-.166	.013	-.120	-.209	250	130	-.295	.066	-.168	-.779	250	219	-.301	.057	-.158	-.608
250	17	-.160	.014	-.113	-.203	250	131	-.312	.079	-.153	-.844	250	220	-.242	.031	-.134	-.431
250	18	-.141	.013	-.094	-.181	250	132	-.325	.082	-.142	-1.120	250	221	-.255	.031	-.166	-.559
250	19	-.194	.016	-.138	-.249	250	133	-.345	.090	-.145	-1.290	250	222	-.269	.031	-.186	-.420
250	20	-.190	.016	-.136	-.250	250	134	-.239	.035	-.153	-.445	250	223	-.252	.031	-.170	-.388
250	21	-.206	.016	-.151	-.262	250	135	-.235	.035	-.114	-.465	250	224	-.239	.028	-.156	-.373
250	22	-.204	.015	-.152	-.256	250	136	-.233	.035	-.139	-.476	250	225	-.229	.022	-.149	-.321
250	23	-.193	.015	-.143	-.242	250	137	-.254	.042	-.154	-.565	250	226	-.257	.022	-.171	-.355
250	24	-.200	.014	-.157	-.243	250	138	-.272	.052	-.153	-.703	250	227	-.229	.019	-.156	-.296
250	25	-.200	.013	-.159	-.245	250	139	-.286	.063	-.111	-.779	250	228	-.173	.017	-.118	-.245

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
250	229	-.220	.020	-.152	-.283	250	350	-.217	.028	-.149	-.418	250	524	-.116	.063	.274	-.377
250	301	-.244	.055	-.101	-.559	250	351	-.213	.024	-.143	-.368	250	525	-.190	.061	.210	-.383
250	302	-.262	.056	-.124	-.591	250	352	-.228	.021	-.152	-.347	250	526	-.178	.051	.169	-.409
250	303	-.226	.050	-.088	-.586	250	353	-.185	.020	-.113	-.276	250	527	-.177	.125	.231	-.925
250	304	-.261	.050	-.123	-.662	250	354	-.227	.022	-.137	-.320	250	528	-.125	.099	.305	-.890
250	305	-.245	.054	-.084	-.537	250	355	-.217	.019	-.158	-.306	250	529	-.144	.072	.219	-.421
250	306	-.257	.058	-.083	-.655	250	356	-.182	.020	-.117	-.344	250	530	-.128	.063	.277	-.352
250	307	-.266	.056	-.122	-.531	250	357	-.223	.020	-.155	-.329	250	531	-.183	.059	.209	-.378
250	308	-.259	.067	-.106	-.710	250	358	-.180	.019	-.125	-.261	250	532	-.171	.052	.161	-.356
250	309	-.255	.064	-.104	-.607	250	359	-.220	.018	-.164	-.285	250	533	-.214	.046	.017	-.398
250	310	-.248	.055	-.091	-.598	250	360	-.185	.017	-.122	-.246	250	534	-.197	.077	.123	-.602
250	311	-.254	.053	-.111	-.573	250	361	-.226	.018	-.169	-.319	250	535	-.210	.063	.079	-.580
250	312	-.263	.057	-.116	-.595	250	362	-.180	.018	-.125	-.269	250	536	-.169	.042	.022	-.431
250	313	-.276	.067	-.107	-.695	250	363	-.216	.019	-.149	-.298	250	537	-.190	.036	-.023	-.371
250	314	-.246	.061	-.080	-.658	250	364	-.184	.017	-.127	-.253	250	538	-.172	.014	-.116	-.229
250	315	-.266	.052	-.077	-.650	250	365	-.221	.017	-.160	-.286	250	539	-.220	.033	-.055	-.416
250	316	-.259	.050	-.097	-.463	250	366	-.176	.019	-.120	-.257	250	540	-.232	.041	-.079	-.505
250	317	-.263	.052	-.124	-.574	250	367	-.217	.019	-.154	-.295	250	541	-.223	.044	-.082	-.460
250	318	-.288	.074	-.115	-.751	250	368	-.185	.019	-.124	-.258	250	542	-.188	.040	-.060	-.407
250	319	-.268	.058	-.075	-.572	250	369	-.223	.018	-.167	-.295	250	543	-.211	.032	-.074	-.428
250	320	-.262	.058	-.124	-.771	250	370	-.173	.017	-.118	-.233	250	544	-.180	.029	-.071	-.304
250	321	-.256	.048	-.108	-.562	250	371	-.215	.017	-.159	-.280	250	545	-.205	.027	-.122	-.332
250	322	-.251	.049	-.098	-.549	250	372	-.182	.017	-.131	-.282	250	546	-.187	.027	-.104	-.316
250	323	-.255	.051	-.104	-.560	250	373	-.222	.022	-.150	-.355	250	547	-.231	.027	-.159	-.388
250	324	-.276	.050	-.119	-.554	250	374	-.178	.021	-.110	-.252	250	548	-.203	.042	-.055	-.397
250	325	-.270	.044	-.156	-.482	250	375	-.214	.016	-.159	-.280	250	549	-.214	.033	-.075	-.398
250	326	-.265	.044	-.149	-.473	250	376	-.181	.017	-.127	-.237	250	550	-.176	.027	-.075	-.308
250	327	-.265	.046	-.146	-.494	250	377	-.220	.017	-.164	-.288	250	551	-.207	.024	-.128	-.290
250	328	-.266	.048	-.132	-.559	250	501	-.082	.182	.671	-1.021	250	552	-.205	.022	-.124	-.307
250	329	-.264	.051	-.069	-.576	250	502	-.073	.126	.543	-.559	250	553	-.196	.021	-.126	-.340
250	330	-.260	.051	-.085	-.570	250	503	-.088	.107	.406	-.353	250	554	-.208	.022	-.145	-.401
250	331	-.260	.047	-.127	-.528	250	504	-.111	.098	.347	-.490	250	555	-.250	.063	-.056	-.554
250	332	-.274	.042	-.141	-.519	250	505	-.139	.081	.307	-.369	250	556	-.224	.047	-.082	-.457
250	333	-.266	.044	-.145	-.494	250	506	-.099	.163	.706	-.782	250	557	-.199	.027	-.084	-.325
250	334	-.267	.047	-.137	-.547	250	507	-.136	.079	.233	-.390	250	558	-.200	.022	-.101	-.294
250	335	-.252	.052	-.120	-.670	250	508	-.159	.162	.521	-.848	250	559	-.196	.021	-.106	-.295
250	336	-.270	.053	-.128	-.713	250	509	-.099	.123	.427	-.698	250	560	-.199	.016	-.128	-.257
250	337	-.247	.037	-.160	-.530	250	510	-.117	.099	.420	-.517	250	561	-.197	.018	-.119	-.275
250	338	-.250	.044	-.137	-.643	250	511	-.124	.079	.355	-.360	250	562	-.260	.053	-.096	-.555
250	339	-.247	.036	-.155	-.452	250	512	-.186	.065	.208	-.410	250	563	-.215	.035	-.094	-.396
250	340	-.272	.041	-.146	-.534	250	514	-.090	.149	.566	-.625	250	564	-.203	.023	-.116	-.298
250	341	-.270	.043	-.140	-.492	250	515	-.143	.064	.178	-.313	250	565	-.194	.020	-.124	-.275
250	342	-.240	.041	-.149	-.512	250	516	-.145	.053	.094	-.343	250	566	-.200	.019	-.135	-.262
250	343	-.239	.046	-.146	-.571	250	517	-.197	.162	.578	-1.112	250	567	-.193	.018	-.132	-.252
250	344	-.253	.041	-.157	-.554	250	518	-.120	.081	.425	-.523	250	568	-.197	.018	-.130	-.265
250	345	-.240	.031	-.152	-.501	250	519	-.200	.059	.139	-.439	250	569	-.191	.018	-.124	-.255
250	346	-.233	.027	-.149	-.370	250	520	-.123	.143	.563	-1.108	250	570	-.197	.016	-.140	-.257
250	347	-.234	.032	-.146	-.400	250	521	-.124	.108	.524	-.655	250	571	-.199	.018	-.137	-.274
250	348	-.253	.033	-.155	-.447	250	522	-.110	.097	.518	-.573	250	572	-.198	.016	-.152	-.255
250	349	-.223	.030	-.152	-.441	250	523	-.150	.076	.336	-.380	250	573	-.189	.018	-.134	-.258

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
250	574	-.199	.018	-.135	-.255	250	815	-.076	.104	.477	-.368	250	865	-.160	.025	-.064	-.253
250	575	-.193	.018	-.132	-.250	250	816	-.053	.130	.568	-.626	250	866	-.189	.037	-.015	-.320
250	576	-.200	.017	-.132	-.257	250	817	-.043	.134	.577	-.713	250	867	-.108	.049	.116	-.245
250	577	-.197	.018	-.121	-.250	250	818	-.244	.050	-.030	-.447	250	868	-.103	.059	.178	-.260
250	578	-.202	.017	-.127	-.257	250	819	-.069	.102	.454	-.319	250	869	-.141	.036	.020	-.241
250	579	-.193	.017	-.118	-.250	250	820	-.070	.149	.640	-.778	250	870	-.201	.020	-.127	-.275
250	580	-.195	.017	-.137	-.248	250	821	-.252	.064	-.007	-.562	250	901	-.334	.071	-.062	-.695
250	701	-.271	.089	-.170	-.587	250	822	-.182	.081	.242	-.539	250	902	-.154	.081	.224	-.442
250	702	-.369	.084	-.077	-.743	250	823	-.122	.096	.359	-.554	250	903	-.040	.125	.566	-.757
250	703	-.259	.084	-.095	-.581	250	824	-.081	.114	.501	-.496	250	904	-.279	.061	-.106	-.585
250	704	-.292	.071	-.018	-.607	250	825	-.063	.117	.497	-.609	250	905	-.278	.055	-.111	-.558
250	705	-.322	.071	-.133	-.676	250	826	-.050	.122	.614	-.779	250	906	-.245	.053	-.117	-.550
250	706	-.302	.080	-.019	-.728	250	827	-.194	.062	.026	-.442	250	907	-.311	.075	.123	-.653
250	707	-.309	.070	-.064	-.688	250	828	-.189	.059	.128	-.465	250	908	-.158	.081	.182	-.407
250	708	-.316	.074	-.015	-.718	250	829	-.060	.080	.341	-.303	250	909	-.053	.137	.626	-.560
250	709	-.346	.066	-.177	-.692	250	830	-.082	.090	.301	-.391	250	910	-.277	.064	-.124	-.548
250	710	-.320	.092	-.029	-.668	250	831	-.061	.115	.400	-.650	250	911	-.271	.060	-.097	-.657
250	711	-.371	.089	-.135	-.791	250	832	-.077	.130	.490	-.709	250	912	-.274	.053	-.094	-.634
250	712	-.371	.085	-.172	-.727	250	833	-.242	.054	-.066	-.538	250	913	-.292	.092	.091	-.736
250	713	-.320	.091	-.033	-.785	250	834	-.205	.040	-.066	-.422	250	914	-.268	.083	-.047	-.831
250	714	-.351	.081	-.163	-.720	250	835	-.155	.053	.107	-.352	250	915	-.295	.071	-.100	-.660
250	715	-.296	.097	-.027	-.871	250	836	-.135	.059	.161	-.352	250	916	-.195	.062	-.002	-.549
250	716	-.337	.087	-.093	-.946	250	837	-.126	.061	.201	-.496	260	1	-.195	.018	-.114	-.253
250	717	-.226	.059	-.002	-.667	250	838	-.139	.064	.190	-.632	260	2	-.165	.014	-.101	-.217
250	718	-.269	.066	-.080	-.699	250	839	-.236	.034	-.117	-.419	260	3	-.187	.016	-.133	-.236
250	719	-.284	.061	-.114	-.673	250	840	-.218	.041	.063	-.464	260	4	-.144	.014	-.082	-.198
250	720	-.218	.037	-.105	-.359	250	841	-.189	.035	-.011	-.428	260	5	-.205	.015	-.133	-.256
250	721	-.238	.030	-.139	-.345	250	842	-.186	.043	-.001	-.397	260	6	-.165	.013	-.127	-.209
250	722	-.239	.026	-.172	-.372	250	843	-.161	.040	.056	-.346	260	7	-.194	.018	-.097	-.259
250	723	-.216	.024	-.146	-.340	250	844	-.206	.042	-.012	-.432	260	8	-.198	.015	-.152	-.246
250	724	-.210	.028	-.112	-.383	250	845	-.229	.027	-.132	-.369	260	9	-.199	.014	-.151	-.252
250	725	-.211	.018	-.142	-.263	250	846	-.205	.026	-.093	-.318	260	10	-.203	.015	-.156	-.253
250	726	-.228	.019	-.161	-.293	250	847	-.193	.025	-.088	-.324	260	11	-.160	.013	-.120	-.203
250	727	-.234	.017	-.170	-.297	250	848	-.207	.032	-.000	-.334	260	12	-.192	.015	-.142	-.237
250	728	-.188	.019	-.105	-.246	250	849	-.194	.042	.063	-.332	260	13	-.138	.013	-.100	-.180
250	729	-.223	.018	-.155	-.275	250	850	-.224	.023	-.115	-.372	260	14	-.188	.017	-.124	-.237
250	801	-.214	.072	.126	-.527	250	851	-.170	.045	.136	-.363	260	15	-.203	.015	-.142	-.251
250	802	-.136	.087	.257	-.427	250	852	-.228	.023	-.132	-.349	260	16	-.167	.014	-.129	-.220
250	803	-.113	.111	.397	-.494	250	853	-.209	.027	-.086	-.310	260	17	-.164	.014	-.127	-.217
250	804	-.036	.137	.687	-.645	250	854	-.163	.058	.147	-.328	260	18	-.142	.014	-.107	-.192
250	805	-.056	.172	.800	-.845	250	855	-.162	.039	.022	-.273	260	19	-.184	.017	-.116	-.243
250	806	-.200	.072	.211	-.456	250	856	-.176	.060	.118	-.312	260	20	-.184	.015	-.135	-.232
250	807	-.006	.181	.731	-.853	250	857	-.227	.023	-.156	-.320	260	21	-.206	.016	-.149	-.266
250	808	-.248	.065	.011	-.567	250	858	-.202	.030	-.088	-.296	260	22	-.203	.016	-.133	-.257
250	809	-.170	.089	.192	-.466	250	859	-.192	.025	-.108	-.290	260	23	-.192	.016	-.121	-.238
250	810	-.061	.121	.538	-.382	250	860	-.174	.047	.065	-.307	260	24	-.198	.014	-.144	-.245
250	811	-.021	.145	.724	-.513	250	861	-.129	.067	.176	-.335	260	25	-.200	.014	-.155	-.257
250	812	-.027	.174	.667	-.995	250	862	-.223	.019	-.157	-.293	260	26	-.195	.015	-.150	-.252
250	813	-.209	.063	.062	-.492	250	863	-.111	.069	.153	-.271	260	27	-.197	.014	-.153	-.253
250	814	-.186	.077	.117	-.439	250	864	-.228	.020	-.157	-.294	260	28	-.197	.014	-.146	-.253

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	29	-.208	.015	-.156	-.258	260	143	-.240	.024	-.162	-.336	260	303	-.249	.047	-.125	-.491
260	30	-.204	.014	-.166	-.254	260	144	-.246	.030	-.157	-.421	260	304	-.284	.050	-.130	-.506
260	31	-.192	.014	-.140	-.248	260	145	-.270	.038	-.159	-.588	260	305	-.267	.056	-.110	-.582
260	91	-.184	.018	-.123	-.281	260	146	-.253	.020	-.191	-.331	260	306	-.266	.055	-.098	-.586
260	92	-.186	.021	-.123	-.276	260	147	-.228	.018	-.174	-.295	260	307	-.274	.050	-.143	-.546
260	93	-.178	.031	-.055	-.378	260	148	-.217	.018	-.157	-.275	260	308	-.265	.058	-.108	-.595
260	94	-.188	.029	-.079	-.324	260	149	-.226	.018	-.167	-.290	260	309	-.259	.056	-.114	-.567
260	95	-.166	.027	-.070	-.257	260	150	-.262	.020	-.196	-.349	260	310	-.264	.058	-.113	-.617
260	101	-.316	.086	-.126	-.833	260	151	-.247	.024	-.174	-.365	260	311	-.274	.053	-.121	-.564
260	102	-.328	.082	-.131	-.869	260	152	-.216	.018	-.152	-.285	260	312	-.287	.058	-.121	-.630
260	103	-.326	.079	-.117	-.973	260	153	-.222	.017	-.162	-.292	260	313	-.286	.062	-.159	-.656
260	104	-.304	.088	-.097	-.838	260	154	-.209	.014	-.152	-.254	260	314	-.264	.057	-.130	-.582
260	105	-.305	.094	-.109	-1.145	260	155	-.226	.017	-.162	-.292	260	315	-.281	.050	-.152	-.640
260	106	-.282	.083	-.099	-.738	260	156	-.217	.018	-.157	-.285	260	316	-.279	.052	-.142	-.656
260	107	-.316	.065	-.159	-.620	260	157	-.226	.019	-.167	-.305	260	317	-.284	.053	-.137	-.615
260	108	-.309	.065	-.154	-.624	260	158	-.245	.017	-.176	-.306	260	318	-.294	.068	-.110	-.675
260	109	-.299	.075	-.114	-.648	260	159	-.223	.016	-.162	-.285	260	319	-.279	.057	-.120	-.649
260	110	-.315	.072	-.126	-.656	260	160	-.215	.017	-.152	-.280	260	320	-.270	.056	-.113	-.584
260	111	-.327	.077	-.118	-.798	260	161	-.220	.017	-.157	-.277	260	321	-.271	.048	-.141	-.643
260	112	-.348	.075	-.155	-.739	260	201	-.437	.119	-.089	-1.128	260	322	-.267	.050	-.132	-.660
260	113	-.306	.067	-.145	-.721	260	202	-.437	.127	-.182	-1.127	260	323	-.273	.053	-.124	-.597
260	114	-.257	.068	-.098	-.666	260	203	-.404	.102	-.192	-1.108	260	324	-.292	.051	-.147	-.641
260	115	-.333	.068	-.158	-.683	260	204	-.368	.073	-.193	-.733	260	325	-.279	.040	-.148	-.500
260	116	-.312	.067	-.154	-.617	260	205	-.358	.082	-.098	-.796	260	326	-.274	.041	-.143	-.484
260	117	-.315	.064	-.164	-.595	260	206	-.377	.089	-.112	-.966	260	327	-.276	.042	-.137	-.509
260	118	-.319	.063	-.178	-.620	260	207	-.379	.093	-.126	-.942	260	328	-.270	.047	-.142	-.515
260	119	-.329	.070	-.165	-.712	260	208	-.377	.083	-.087	-.730	260	329	-.271	.048	-.146	-.595
260	120	-.344	.072	-.166	-.735	260	209	-.389	.091	-.141	-.878	260	330	-.267	.049	-.148	-.674
260	121	-.367	.083	-.181	-.825	260	210	-.381	.095	-.101	-.803	260	331	-.266	.043	-.144	-.495
260	122	-.323	.075	-.122	-.771	260	211	-.401	.095	-.125	-.857	260	332	-.284	.038	-.163	-.520
260	123	-.316	.068	-.144	-.719	260	212	-.400	.095	-.166	-.888	260	333	-.286	.046	-.137	-.517
260	124	-.315	.066	-.137	-.680	260	213	-.368	.094	-.001	-.787	260	334	-.281	.050	-.136	-.530
260	125	-.339	.073	-.179	-.708	260	214	-.377	.088	-.111	-.846	260	335	-.253	.047	-.128	-.707
260	126	-.347	.073	-.171	-.654	260	215	-.337	.093	-.074	-.957	260	336	-.274	.049	-.154	-.666
260	127	-.349	.074	-.158	-.653	260	216	-.357	.087	-.124	-.915	260	337	-.259	.034	-.166	-.423
260	128	-.279	.050	-.123	-.588	260	217	-.235	.056	-.067	-.576	260	338	-.264	.037	-.173	-.449
260	129	-.291	.052	-.135	-.610	260	218	-.320	.070	-.122	-.849	260	339	-.268	.042	-.163	-.514
260	130	-.306	.060	-.163	-.607	260	219	-.290	.063	-.130	-.718	260	340	-.292	.048	-.181	-.576
260	131	-.334	.075	-.175	-.815	260	220	-.216	.033	-.093	-.379	260	341	-.286	.048	-.164	-.528
260	132	-.349	.077	-.166	-.769	260	221	-.233	.035	-.127	-.435	260	342	-.256	.045	-.162	-.632
260	133	-.382	.090	-.201	-.916	260	222	-.241	.027	-.092	-.362	260	343	-.256	.050	-.154	-.585
260	134	-.244	.033	-.144	-.488	260	223	-.225	.026	-.080	-.406	260	344	-.273	.047	-.181	-.680
260	135	-.237	.031	-.154	-.494	260	224	-.218	.025	-.115	-.369	260	345	-.255	.034	-.146	-.454
260	136	-.236	.030	-.130	-.518	260	225	-.212	.021	-.122	-.317	260	346	-.251	.038	-.155	-.458
260	137	-.263	.038	-.172	-.519	260	226	-.243	.022	-.166	-.354	260	347	-.255	.046	-.156	-.523
260	138	-.297	.052	-.176	-.771	260	227	-.216	.019	-.118	-.307	260	348	-.269	.046	-.165	-.527
260	139	-.321	.068	-.191	-.989	260	228	-.165	.017	-.091	-.229	260	349	-.238	.043	-.144	-.710
260	140	-.229	.023	-.159	-.332	260	229	-.206	.020	-.137	-.293	260	350	-.230	.038	-.141	-.549
260	141	-.233	.021	-.172	-.325	260	301	-.258	.053	-.113	-.553	260	351	-.224	.030	-.126	-.419
260	142	-.257	.021	-.186	-.329	260	302	-.275	.055	-.129	-.588	260	352	-.232	.022	-.156	-.347

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
260	353	-.195	.026	-.120	-.295	260	527	-.141	.149	.462	-.786	260	577	-.193	.017	-.135	-.247
260	354	-.236	.029	-.152	-.399	260	528	-.095	.110	.463	-1.005	260	578	-.198	.016	-.140	-.256
260	355	-.221	.025	-.144	-.355	260	529	-.125	.075	.302	-.471	260	579	-.191	.016	-.133	-.249
260	356	-.185	.022	-.126	-.500	260	530	-.119	.057	.171	-.335	260	580	-.191	.016	-.131	-.245
260	357	-.227	.021	-.153	-.381	260	531	-.186	.047	.007	-.393	260	701	-.287	.129	.321	-.706
260	358	-.180	.020	-.120	-.264	260	532	-.174	.043	.039	-.366	260	702	-.421	.106	-.121	-.924
260	359	-.222	.018	-.160	-.280	260	533	-.220	.041	-.085	-.421	260	703	-.288	.105	.312	-.663
260	360	-.190	.019	-.121	-.250	260	534	-.204	.088	.099	-.787	260	704	-.345	.095	.204	-.758
260	361	-.231	.021	-.163	-.308	260	535	-.214	.072	.038	-.631	260	705	-.373	.085	-.093	-.848
260	362	-.190	.027	-.100	-.403	260	536	-.163	.050	.149	-.426	260	706	-.328	.109	.019	-.760
260	363	-.219	.021	-.155	-.311	260	537	-.188	.039	.081	-.352	260	707	-.353	.091	-.087	-.686
260	364	-.182	.018	-.112	-.248	260	538	-.170	.016	-.104	-.243	260	708	-.341	.101	.021	-.782
260	365	-.226	.022	-.165	-.347	260	539	-.222	.031	-.093	-.352	260	709	-.384	.085	-.004	-.915
260	366	-.177	.020	-.110	-.273	260	540	-.240	.035	-.099	-.511	260	710	-.316	.113	.122	-.773
260	367	-.220	.020	-.152	-.303	260	541	-.236	.046	-.033	-.461	260	711	-.386	.104	-.063	-.756
260	368	-.184	.019	-.124	-.279	260	542	-.196	.043	-.007	-.426	260	712	-.397	.093	-.148	-.811
260	369	-.223	.019	-.160	-.299	260	543	-.217	.036	-.052	-.421	260	713	-.313	.110	.032	-.788
260	370	-.172	.017	-.105	-.232	260	544	-.184	.030	-.069	-.354	260	714	-.384	.097	-.153	-.827
260	371	-.214	.018	-.155	-.280	260	545	-.210	.027	-.104	-.384	260	715	-.283	.114	.019	-.873
260	372	-.180	.018	-.117	-.253	260	546	-.188	.027	-.092	-.320	260	716	-.365	.103	-.143	-.824
260	373	-.224	.023	-.158	-.371	260	547	-.237	.025	-.167	-.371	260	717	-.203	.056	.053	-.692
260	374	-.180	.022	-.122	-.345	260	548	-.214	.042	-.091	-.502	260	718	-.235	.075	.071	-1.032
260	375	-.213	.016	-.155	-.265	260	549	-.225	.035	-.119	-.478	260	719	-.260	.068	.037	-.935
260	376	-.180	.017	-.121	-.236	260	549	-.225	.035	-.119	-.478	260	720	-.197	.034	-.064	-.410
260	377	-.219	.018	-.160	-.277	260	550	-.180	.027	-.089	-.342	260	721	-.212	.036	-.069	-.366
260	501	-.113	.214	.686	-1.064	260	551	-.212	.024	-.131	-.333	260	722	-.208	.026	-.054	-.309
260	502	-.069	.142	.538	-.750	260	552	-.208	.022	-.137	-.293	260	723	-.208	.026	-.114	-.351
260	503	-.087	.109	.369	-.438	260	553	-.199	.021	-.125	-.317	260	724	-.177	.025	-.057	-.279
260	504	-.125	.092	.293	-.419	260	554	-.211	.023	-.153	-.352	260	725	-.198	.018	-.127	-.251
260	505	-.147	.070	.177	-.373	260	555	-.236	.049	-.046	-.468	260	726	-.210	.019	-.143	-.274
260	506	-.143	.197	.513	-.965	260	556	-.222	.038	-.102	-.424	260	727	-.216	.019	-.154	-.277
260	507	-.151	.057	.113	-.357	260	557	-.201	.026	-.102	-.344	260	728	-.174	.017	-.093	-.240
260	508	-.196	.194	.412	-1.069	260	558	-.200	.022	-.118	-.290	260	729	-.209	.018	-.139	-.262
260	509	-.123	.120	.362	-.609	260	559	-.195	.020	-.124	-.275	260	801	-.212	.084	.189	-.500
260	510	-.132	.080	.287	-.505	260	560	-.199	.016	-.136	-.259	260	802	-.129	.093	.341	-.387
260	511	-.151	.060	.172	-.367	260	561	-.196	.018	-.130	-.277	260	803	-.065	.121	.458	-.374
260	512	-.209	.050	.031	-.379	260	562	-.237	.045	-.118	-.465	260	804	.046	.155	.693	-.363
260	514	-.102	.151	.520	-.728	260	563	-.210	.034	-.111	-.364	260	805	.051	.179	.738	-.575
260	515	-.156	.053	.099	-.342	260	564	-.199	.022	-.126	-.303	260	806	-.202	.080	.116	-.515
260	516	-.161	.049	.041	-.408	260	565	-.190	.019	-.117	-.257	260	807	.084	.173	.790	-.582
260	517	-.205	.165	.426	-.955	260	566	-.196	.018	-.131	-.256	260	808	-.255	.076	.053	-.519
260	518	-.119	.069	.193	-.400	260	567	-.191	.017	-.124	-.256	260	809	-.152	.097	.356	-.428
260	519	-.213	.051	.057	-.458	260	568	-.195	.017	-.138	-.250	260	810	-.023	.137	.827	-.347
260	520	-.086	.150	.530	-.706	260	569	-.186	.018	-.125	-.247	260	811	-.093	.160	.716	-.376
260	521	-.115	.120	.456	-.708	260	570	-.191	.016	-.131	-.244	260	812	.080	.176	.842	-.625
260	522	-.092	.094	.342	-.513	260	571	-.195	.017	-.133	-.249	260	813	-.219	.080	.118	-.560
260	523	-.142	.064	.162	-.412	260	572	-.195	.015	-.141	-.247	260	814	-.167	.091	.285	-.484
260	524	-.121	.049	.121	-.290	260	573	-.188	.017	-.130	-.242	260	815	-.035	.117	.487	-.474
260	525	-.201	.049	.019	-.364	260	574	-.194	.017	-.128	-.249	260	816	.030	.152	.645	-.552
260	526	-.187	.042	-.017	-.349	260	575	-.189	.017	-.128	-.239	260	817	.051	.152	.610	-.615
						260	576	-.195	.017	-.128	-.247						

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPHAK	CPHIN	WD	TAP	CPNEAN	CPRMS	CPHAK	CPHIN	WD	TAP	CPNEAN	CPRMS	CPHAK	CPHIN
260	818	-.247	.059	.121	-.536	260	868	-.147	.051	.107	-.269	270	91	-.175	.017	-.109	-.236
260	819	-.009	.116	.565	-.343	260	869	-.160	.034	.033	-.263	270	92	-.175	.019	-.112	-.271
260	820	-.042	.156	.747	-.479	260	870	-.190	.019	-.133	-.265	270	93	-.166	.024	-.070	-.289
260	821	-.242	.070	.069	-.529	260	901	-.381	.105	.106	-.952	270	94	-.179	.026	-.055	-.309
260	822	-.183	.086	.348	-.540	260	902	-.121	.092	.334	-.375	270	95	-.152	.028	.005	-.239
260	823	-.105	.093	.375	-.692	260	903	.054	.144	.688	-.278	270	101	-.290	.059	-.112	-.604
260	824	-.052	.114	.446	-.824	260	904	-.287	.061	-.141	-.693	270	102	-.320	.069	-.159	-.624
260	825	-.003	.125	.603	-.451	260	905	-.290	.055	-.161	-.736	270	103	-.330	.072	-.144	-.777
260	826	.017	.126	.634	-.541	260	906	-.257	.048	-.133	-.488	270	104	-.281	.059	-.116	-.600
260	827	-.202	.073	.066	-.467	260	907	-.361	.092	.128	-.731	270	105	-.319	.078	-.130	-.750
260	828	-.182	.065	.099	-.443	260	908	-.130	.102	.440	-.441	270	106	-.270	.060	-.132	-.638
260	829	-.042	.075	.347	-.283	260	909	.033	.160	.703	-.421	270	107	-.308	.059	-.144	-.749
260	830	-.040	.093	.498	-.327	260	910	-.278	.057	-.114	-.708	270	108	-.304	.059	-.146	-.717
260	831	-.006	.113	.584	-.365	260	911	-.274	.052	-.081	-.609	270	109	-.278	.050	-.139	-.548
260	832	-.010	.121	.537	-.577	260	912	-.286	.050	-.144	-.586	270	110	-.295	.049	-.144	-.550
260	833	-.231	.059	-.053	-.527	260	913	-.355	.108	-.009	-.877	270	111	-.300	.063	-.154	-.751
260	834	-.193	.040	-.048	-.377	260	914	-.348	.099	-.056	-.872	270	112	-.336	.058	-.198	-.616
260	835	-.146	.052	.073	-.375	260	915	-.359	.081	-.153	-.736	270	113	-.288	.048	-.140	-.575
260	836	-.126	.057	.137	-.344	260	916	-.238	.068	-.038	-.581	270	114	-.253	.053	-.119	-.515
260	837	-.115	.058	.122	-.395	270	1	-.185	.017	-.107	-.262	270	115	-.328	.059	-.173	-.706
260	838	-.132	.060	.124	-.514	270	2	-.156	.014	-.104	-.199	270	116	-.294	.050	-.127	-.530
260	839	-.219	.032	-.111	-.395	270	3	-.181	.015	-.133	-.237	270	117	-.299	.048	-.124	-.522
260	840	-.203	.040	-.005	-.395	270	4	-.135	.013	-.087	-.183	270	118	-.308	.050	-.124	-.529
260	841	-.177	.032	-.040	-.325	270	5	-.193	.016	-.134	-.243	270	119	-.323	.055	-.147	-.587
260	842	-.190	.043	.031	-.376	270	6	-.157	.013	-.096	-.199	270	120	-.341	.063	-.188	-.679
260	843	-.153	.040	.149	-.341	270	7	-.184	.018	-.116	-.256	270	121	-.378	.091	-.182	-.889
260	844	-.212	.043	.008	-.391	270	8	-.185	.016	-.135	-.255	270	122	-.302	.056	-.134	-.656
260	845	-.212	.027	-.106	-.346	270	9	-.193	.014	-.148	-.240	270	123	-.299	.051	-.137	-.556
260	846	-.196	.025	-.089	-.284	270	10	-.194	.015	-.146	-.255	270	124	-.313	.051	-.149	-.635
260	847	-.172	.025	-.039	-.255	270	11	-.153	.013	-.092	-.194	270	125	-.334	.057	-.182	-.773
260	848	-.204	.031	-.060	-.320	270	12	-.185	.015	-.135	-.233	270	126	-.348	.062	-.178	-.866
260	849	-.199	.040	-.022	-.329	270	13	-.130	.013	-.071	-.172	270	127	-.352	.064	-.170	-.771
260	850	-.209	.024	-.107	-.309	270	14	-.180	.016	-.127	-.231	270	128	-.279	.043	-.154	-.481
260	851	-.179	.041	.036	-.316	270	15	-.191	.015	-.126	-.236	270	129	-.285	.043	-.149	-.514
260	852	-.216	.023	-.126	-.300	270	16	-.158	.013	-.107	-.210	270	130	-.296	.044	-.163	-.547
260	853	-.203	.025	-.109	-.289	270	17	-.158	.013	-.109	-.204	270	131	-.317	.050	-.161	-.606
260	854	-.188	.046	.056	-.334	270	18	-.134	.013	-.087	-.181	270	132	-.345	.059	-.200	-.615
260	855	-.169	.031	.012	-.257	270	19	-.174	.018	-.085	-.245	270	133	-.366	.066	-.206	-.698
260	856	-.202	.050	.071	-.323	270	20	-.176	.015	-.131	-.244	270	134	-.242	.033	-.153	-.401
260	857	-.213	.020	-.136	-.299	270	21	-.194	.016	-.141	-.256	270	135	-.240	.032	-.151	-.392
260	858	-.199	.024	-.109	-.281	270	22	-.194	.016	-.142	-.257	270	136	-.242	.037	-.124	-.444
260	859	-.178	.021	-.101	-.274	270	23	-.183	.016	-.130	-.252	270	137	-.278	.044	-.162	-.517
260	860	-.197	.035	-.033	-.305	270	24	-.189	.016	-.137	-.245	270	138	-.311	.052	-.171	-.611
260	861	-.178	.053	.074	-.324	270	25	-.192	.016	-.126	-.252	270	139	-.326	.057	-.180	-.704
260	862	-.208	.019	-.139	-.274	270	26	-.186	.016	-.127	-.239	270	140	-.228	.023	-.157	-.337
260	863	-.147	.059	.125	-.301	270	27	-.189	.016	-.128	-.246	270	141	-.234	.022	-.160	-.341
260	864	-.216	.020	-.149	-.290	270	28	-.191	.014	-.144	-.236	270	142	-.226	.024	-.149	-.361
260	865	-.152	.025	-.045	-.289	270	29	-.200	.016	-.151	-.255	270	143	-.251	.029	-.157	-.431
260	866	-.194	.031	-.059	-.289	270	30	-.195	.013	-.143	-.231	270	144	-.264	.036	-.164	-.435
260	867	-.147	.044	.095	-.281	270	31	-.186	.014	-.138	-.231	270	145	-.293	.044	-.170	-.489

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	146	-.216	.020	-.126	-.293	270	306	-.253	.040	-.128	-.448	270	356	-.188	.023	-.109	-.301
270	147	-.227	.019	-.150	-.300	270	307	-.263	.038	-.160	-.438	270	357	-.227	.024	-.153	-.364
270	148	-.213	.019	-.149	-.270	270	308	-.252	.042	-.109	-.480	270	358	-.179	.022	-.107	-.285
270	149	-.224	.019	-.134	-.305	270	309	-.247	.040	-.120	-.464	270	359	-.217	.020	-.154	-.299
270	150	-.254	.021	-.184	-.349	270	310	-.250	.037	-.132	-.430	270	360	-.188	.021	-.113	-.308
270	151	-.250	.025	-.177	-.369	270	311	-.261	.038	-.158	-.599	270	361	-.231	.028	-.128	-.359
270	152	-.208	.018	-.149	-.285	270	312	-.269	.042	-.152	-.627	270	362	-.190	.028	-.095	-.314
270	153	-.214	.017	-.157	-.280	270	313	-.264	.041	-.149	-.465	270	363	-.218	.025	-.144	-.358
270	154	-.199	.014	-.143	-.255	270	314	-.240	.038	-.124	-.443	270	364	-.182	.019	-.111	-.252
270	155	-.219	.017	-.155	-.273	270	315	-.267	.034	-.154	-.436	270	365	-.219	.021	-.157	-.347
270	156	-.210	.018	-.144	-.272	270	316	-.271	.034	-.165	-.429	270	366	-.177	.022	-.102	-.263
270	157	-.218	.018	-.152	-.287	270	317	-.268	.036	-.169	-.445	270	367	-.218	.023	-.144	-.310
270	158	-.204	.019	-.134	-.270	270	318	-.267	.043	-.138	-.534	270	368	-.184	.021	-.118	-.266
270	159	-.216	.017	-.150	-.273	270	319	-.272	.040	-.174	-.493	270	369	-.220	.020	-.155	-.305
270	160	-.209	.018	-.139	-.277	270	320	-.250	.039	-.135	-.526	270	370	-.167	.017	-.090	-.228
270	161	-.214	.017	-.150	-.272	270	321	-.263	.037	-.141	-.425	270	371	-.209	.018	-.144	-.269
270	201	-.344	.088	-.087	-.897	270	322	-.256	.037	-.150	-.443	270	372	-.176	.018	-.106	-.249
270	202	-.349	.091	-.152	-.862	270	323	-.259	.037	-.139	-.463	270	373	-.224	.025	-.125	-.372
270	203	-.338	.080	-.123	-.793	270	324	-.280	.035	-.176	-.438	270	374	-.177	.023	-.092	-.275
270	204	-.322	.066	-.042	-.598	270	325	-.273	.032	-.173	-.485	270	375	-.205	.017	-.136	-.264
270	205	-.303	.068	-.083	-.643	270	326	-.267	.033	-.168	-.410	270	376	-.175	.017	-.106	-.232
270	206	-.302	.080	.060	-.681	270	327	-.266	.034	-.169	-.410	270	377	-.212	.018	-.143	-.283
270	207	-.308	.081	-.050	-.764	270	328	-.268	.037	-.167	-.511	270	501	-.237	.181	.343	-1.016
270	208	-.283	.082	.153	-.589	270	329	-.266	.036	-.159	-.453	270	502	-.180	.134	.242	-.735
270	209	-.302	.075	-.015	-.686	270	330	-.261	.035	-.166	-.481	270	503	-.163	.092	.164	-.636
270	210	-.276	.089	.039	-.603	270	331	-.258	.031	-.158	-.438	270	504	-.169	.072	.142	-.480
270	211	-.331	.082	.012	-.631	270	332	-.278	.029	-.185	-.399	270	505	-.164	.057	.110	-.487
270	212	-.327	.076	-.074	-.626	270	333	-.278	.030	-.194	-.444	270	506	-.237	.165	.399	-1.228
270	213	-.256	.091	.075	-.580	270	334	-.275	.033	-.180	-.452	270	507	-.168	.044	.031	-.340
270	214	-.316	.081	-.063	-.652	270	335	-.255	.040	-.146	-.482	270	508	-.237	.181	.441	-1.038
270	215	-.278	.075	-.020	-.624	270	336	-.276	.041	-.174	-.483	270	509	-.174	.142	.304	-.707
270	216	-.298	.067	-.082	-.616	270	337	-.262	.031	-.167	-.413	270	510	-.162	.097	.241	-.631
270	217	-.232	.048	-.037	-.452	270	338	-.265	.033	-.175	-.476	270	511	-.155	.058	.105	-.497
270	218	-.275	.052	-.119	-.594	270	339	-.260	.030	-.176	-.424	270	512	-.207	.043	-.032	-.504
270	219	-.279	.049	-.106	-.576	270	340	-.286	.036	-.197	-.513	270	514	-.170	.162	.449	-.809
270	220	-.210	.037	-.026	-.342	270	341	-.284	.039	-.152	-.565	270	515	-.153	.047	.083	-.334
270	221	-.232	.036	-.073	-.400	270	342	-.267	.057	-.159	-.612	270	516	-.158	.039	.005	-.328
270	222	-.227	.026	-.051	-.321	270	343	-.265	.062	-.148	-.694	270	517	-.214	.173	.450	-1.007
270	223	-.218	.025	-.123	-.308	270	344	-.279	.052	-.167	-.540	270	518	-.118	.084	.357	-.610
270	224	-.210	.024	-.112	-.320	270	345	-.257	.034	-.166	-.509	270	519	-.207	.038	-.068	-.401
270	225	-.199	.020	-.111	-.272	270	346	-.242	.030	-.150	-.424	270	520	-.204	.191	.365	-1.016
270	226	-.225	.020	-.144	-.296	270	347	-.242	.033	-.137	-.438	270	521	-.127	.141	.304	-.761
270	227	-.202	.019	-.128	-.273	270	348	-.259	.034	-.162	-.422	270	522	-.160	.123	.224	-.698
270	228	-.146	.017	-.082	-.203	270	349	-.231	.031	-.148	-.523	270	523	-.167	.073	.158	-.443
270	229	-.193	.019	-.117	-.261	270	350	-.224	.030	-.154	-.478	270	524	-.111	.053	.163	-.332
270	301	-.243	.039	-.122	-.447	270	351	-.227	.028	-.148	-.447	270	525	-.197	.041	.037	-.355
270	302	-.256	.041	-.134	-.458	270	352	-.232	.022	-.144	-.344	270	526	-.187	.035	0.000	-.338
270	303	-.233	.035	-.114	-.403	270	353	-.193	.024	-.116	-.306	270	527	-.225	.172	.308	-1.068
270	304	-.264	.038	-.154	-.436	270	354	-.236	.028	-.159	-.419	270	528	-.173	.143	.341	-.741
270	305	-.252	.041	-.137	-.501	270	355	-.219	.024	-.149	-.330	270	529	-.164	.090	.198	-.589

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	530	-.138	.058	.104	-.397	270	580	-.181	.016	-.124	-.234	270	821	-.173	.083	.253	-.515
270	531	-.185	.042	.039	-.337	270	701	-.183	.151	.494	-.672	270	822	-.130	.086	.343	-.412
270	532	-.171	.039	.120	-.308	270	702	-.329	.078	-.056	-.738	270	823	-.075	.087	.330	-.445
270	533	-.216	.034	-.003	-.340	270	703	-.220	.127	.320	-.768	270	824	-.050	.088	.421	-.348
270	534	-.238	.083	.030	-.624	270	704	-.242	.120	.309	-.693	270	825	-.023	.092	.540	-.336
270	535	-.252	.084	.003	-.603	270	705	-.315	.077	.088	-.660	270	826	.020	.124	.567	-.478
270	536	-.193	.070	.017	-.630	270	706	-.197	.106	.198	-.551	270	827	-.151	.079	.178	-.446
270	537	-.195	.050	-.018	-.458	270	707	-.281	.077	.017	-.688	270	828	-.125	.079	.250	-.350
270	538	-.171	.018	-.104	-.249	270	708	-.221	.101	.162	-.583	270	829	-.016	.071	.454	-.195
270	539	-.218	.034	-.070	-.356	270	709	-.318	.082	-.012	-.761	270	830	-.041	.077	.350	-.208
270	540	-.235	.036	-.092	-.499	270	710	-.194	.119	.302	-.588	270	831	-.028	.092	.539	-.325
270	541	-.247	.048	-.073	-.614	270	711	-.281	.114	.190	-.745	270	832	-.041	.104	.608	-.336
270	542	-.215	.048	-.064	-.643	270	712	-.321	.083	-.026	-.748	270	833	-.176	.063	.133	-.458
270	543	-.229	.044	-.094	-.545	270	713	-.195	.118	.224	-.581	270	834	-.146	.053	.100	-.310
270	544	-.185	.033	-.070	-.350	270	714	-.298	.078	.096	-.736	270	835	-.108	.057	.185	-.270
270	545	-.206	.030	-.101	-.325	270	715	-.214	.084	.132	-.640	270	836	-.103	.054	.210	-.268
270	546	-.187	.030	-.067	-.308	270	716	-.293	.066	-.079	-.694	270	837	-.105	.055	.162	-.316
270	547	-.236	.028	-.140	-.366	270	717	-.196	.052	.044	-.405	270	838	-.129	.055	.135	-.345
270	548	-.214	.040	-.087	-.432	270	718	-.226	.056	-.036	-.480	270	839	-.195	.033	-.029	-.298
270	549	-.225	.036	-.099	-.410	270	719	-.248	.048	-.083	-.483	270	840	-.167	.046	.091	-.312
270	550	-.176	.027	-.071	-.340	270	720	-.190	.034	-.039	-.365	270	841	-.155	.039	.085	-.256
270	551	-.206	.024	-.109	-.293	270	721	-.210	.034	-.064	-.348	270	842	-.151	.040	.018	-.305
270	552	-.200	.022	-.121	-.287	270	722	-.200	.024	-.059	-.292	270	843	-.111	.041	.133	-.224
270	553	-.195	.020	-.105	-.283	270	723	-.190	.024	-.088	-.284	270	844	-.176	.037	-.018	-.331
270	554	-.206	.021	-.116	-.274	270	724	-.164	.024	-.047	-.261	270	845	-.196	.026	-.089	-.294
270	555	-.218	.041	-.073	-.432	270	725	-.181	.018	-.117	-.235	270	846	-.172	.025	-.054	-.260
270	556	-.207	.034	-.097	-.367	270	726	-.193	.018	-.124	-.252	270	847	-.150	.025	-.037	-.246
270	557	-.190	.025	-.103	-.351	270	727	-.199	.018	-.136	-.255	270	848	-.176	.029	-.038	-.273
270	558	-.189	.020	-.099	-.294	270	728	-.159	.017	-.094	-.214	270	849	-.170	.036	-.017	-.265
270	559	-.186	.019	-.102	-.260	270	729	-.191	.018	-.121	-.250	270	850	-.191	.020	-.109	-.265
270	560	-.191	.015	-.136	-.241	270	801	-.147	.096	.266	-.412	270	851	-.142	.038	.019	-.261
270	561	-.190	.018	-.120	-.258	270	802	-.079	.106	.426	-.335	270	852	-.197	.020	-.114	-.273
270	562	-.205	.031	-.107	-.410	270	803	-.061	.125	.485	-.331	270	853	-.182	.021	-.106	-.277
270	563	-.192	.027	-.112	-.347	270	804	.017	.138	.617	-.313	270	854	-.164	.039	.026	-.275
270	564	-.186	.021	-.122	-.280	270	805	.016	.154	.643	-.556	270	855	-.143	.028	-.020	-.224
270	565	-.177	.019	-.113	-.246	270	806	-.137	.095	.249	-.395	270	856	-.177	.041	.028	-.283
270	566	-.182	.018	-.119	-.242	270	807	.019	.145	.722	-.369	270	857	-.193	.019	-.109	-.267
270	567	-.181	.018	-.119	-.236	270	808	-.201	.083	.160	-.490	270	858	-.180	.021	-.067	-.245
270	568	-.184	.018	-.117	-.234	270	809	-.125	.095	.437	-.411	270	859	-.157	.019	-.082	-.219
270	569	-.172	.017	-.108	-.231	270	810	-.028	.127	.752	-.294	270	860	-.180	.028	.056	-.260
270	570	-.178	.016	-.114	-.235	270	811	-.054	.148	.765	-.263	270	861	-.161	.039	.126	-.260
270	571	-.182	.017	-.122	-.241	270	812	-.011	.153	.750	-.343	270	862	-.189	.017	-.129	-.242
270	572	-.183	.014	-.129	-.238	270	813	-.142	.090	.303	-.394	270	863	-.132	.037	.049	-.232
270	573	-.178	.016	-.118	-.238	270	814	-.109	.101	.466	-.353	270	864	-.194	.018	-.129	-.253
270	574	-.182	.017	-.119	-.240	270	815	-.019	.113	.761	-.293	270	865	-.135	.023	-.057	-.208
270	575	-.178	.016	-.117	-.241	270	816	-.002	.124	.751	-.322	270	866	-.176	.023	-.064	-.240
270	576	-.185	.017	-.126	-.248	270	817	.005	.122	.620	-.376	270	867	-.153	.029	.044	-.243
270	577	-.180	.018	-.123	-.246	270	818	-.191	.079	.163	-.501	270	868	-.154	.034	.007	-.261
270	578	-.185	.017	-.129	-.247	270	819	-.025	.105	.601	-.278	270	869	-.159	.025	-.034	-.258
270	579	-.179	.017	-.124	-.241	270	820	-.047	.128	.533	-.343	270	870	-.177	.019	-.100	-.252

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	901	-.276	.094	.131	-.654	280	94	-.169	.018	-.111	-.245	280	149	-.203	.018	-.144	-.277
270	902	-.403	.097	.402	-.323	280	95	-.155	.020	-.039	-.219	280	150	-.256	.022	-.171	-.393
270	903	-.015	.108	.659	-.338	280	101	-.276	.065	-.081	-.626	280	151	-.225	.025	-.157	-.383
270	904	-.267	.038	-.159	-.436	280	102	-.342	.086	-.133	-.722	280	152	-.189	.018	-.109	-.245
270	905	-.272	.032	-.176	-.440	280	103	-.363	.107	-.151	-1.358	280	153	-.190	.017	-.121	-.246
270	906	-.237	.034	-.138	-.398	280	104	-.288	.075	-.037	-.692	280	154	-.184	.014	-.128	-.232
270	907	-.339	.084	.006	-.785	280	105	-.375	.110	-.125	-.914	280	155	-.195	.017	-.138	-.248
270	908	-.105	.094	.408	-.365	280	106	-.274	.071	-.096	-.659	280	156	-.191	.017	-.124	-.255
270	909	-.031	.128	.635	-.285	280	107	-.312	.061	-.157	-.657	280	157	-.196	.017	-.132	-.287
270	910	-.256	.037	-.124	-.446	280	108	-.316	.064	-.154	-.655	280	158	-.229	.018	-.171	-.289
270	911	-.257	.035	-.149	-.421	280	109	-.275	.062	-.111	-.594	280	159	-.195	.016	-.138	-.253
270	912	-.267	.035	-.163	-.474	280	110	-.293	.061	-.128	-.658	280	160	-.182	.018	-.122	-.245
270	913	-.347	.079	-.106	-.788	280	111	-.328	.077	-.117	-.727	280	161	-.186	.018	-.129	-.249
270	914	-.350	.081	-.100	-.855	280	112	-.351	.082	-.188	-.884	280	201	-.306	.114	.071	-.949
270	915	-.351	.068	-.160	-.648	280	113	-.288	.067	-.116	-.679	280	202	-.329	.114	.053	-.821
270	916	-.261	.060	-.058	-.540	280	114	-.263	.066	-.093	-.578	280	203	-.324	.113	.119	-.827
280	1	-.176	.018	-.121	-.239	280	115	-.358	.081	-.163	-.845	280	204	-.285	.087	.138	-.607
280	2	-.138	.014	-.082	-.187	280	116	-.290	.062	-.117	-.596	280	205	-.277	.095	.155	-.650
280	3	-.166	.014	-.106	-.225	280	117	-.298	.062	-.119	-.648	280	206	-.273	.107	.218	-.723
280	4	-.118	.013	-.067	-.165	280	118	-.314	.063	-.138	-.707	280	207	-.268	.105	.185	-.695
280	5	-.177	.015	-.116	-.230	280	119	-.341	.075	-.171	-.716	280	208	-.242	.111	.245	-.738
280	6	-.141	.013	-.088	-.185	280	120	-.349	.072	-.152	-.827	280	209	-.268	.105	.218	-.805
280	7	-.173	.016	-.110	-.238	280	121	-.411	.115	-.165	-1.166	280	210	-.240	.111	.306	-.653
280	8	-.172	.015	-.123	-.225	280	122	-.291	.061	-.131	-.619	280	211	-.313	.108	.182	-.739
280	9	-.178	.013	-.110	-.221	280	123	-.288	.056	-.137	-.605	280	212	-.312	.096	.078	-.710
280	10	-.181	.013	-.128	-.224	280	124	-.306	.062	-.139	-.646	280	213	-.195	.102	.331	-.564
280	11	-.135	.013	-.089	-.178	280	125	-.338	.068	-.185	-.663	280	214	-.295	.093	-.005	-.800
280	12	-.172	.015	-.121	-.222	280	126	-.368	.085	-.181	-.903	280	215	-.256	.067	-.010	-.615
280	13	-.113	.012	-.067	-.156	280	127	-.369	.088	-.181	-.891	280	216	-.276	.063	-.073	-.642
280	14	-.169	.016	-.115	-.222	280	128	-.258	.050	-.107	-.634	280	217	-.230	.045	-.055	-.406
280	15	-.176	.014	-.124	-.228	280	129	-.266	.049	-.104	-.559	280	218	-.296	.050	-.094	-.643
280	16	-.142	.013	-.097	-.192	280	130	-.282	.052	-.123	-.554	280	219	-.258	.046	-.066	-.563
280	17	-.139	.013	-.094	-.192	280	131	-.310	.055	-.156	-.682	280	220	-.218	.033	-.099	-.335
280	18	-.117	.013	-.074	-.163	280	132	-.338	.058	-.186	-.646	280	221	-.229	.031	-.101	-.379
280	19	-.163	.016	-.110	-.222	280	133	-.360	.064	-.213	-.676	280	222	-.240	.027	-.115	-.365
280	20	-.161	.015	-.111	-.213	280	134	-.232	.032	-.138	-.388	280	223	-.216	.025	-.125	-.327
280	21	-.179	.015	-.120	-.229	280	135	-.228	.032	-.139	-.404	280	224	-.210	.026	-.137	-.310
280	22	-.178	.015	-.121	-.237	280	136	-.229	.036	-.129	-.472	280	225	-.191	.020	-.114	-.269
280	23	-.167	.015	-.115	-.222	280	137	-.257	.041	-.132	-.483	280	226	-.222	.021	-.150	-.302
280	24	-.176	.015	-.128	-.231	280	138	-.286	.045	-.156	-.528	280	227	-.193	.018	-.128	-.251
280	25	-.179	.014	-.131	-.226	280	139	-.301	.050	-.176	-.600	280	228	-.137	.015	-.062	-.185
280	26	-.174	.015	-.121	-.227	280	140	-.213	.024	-.142	-.346	280	229	-.190	.019	-.118	-.257
280	27	-.175	.014	-.127	-.221	280	141	-.215	.023	-.144	-.341	280	301	-.227	.036	-.070	-.420
280	28	-.176	.014	-.108	-.219	280	142	-.256	.025	-.176	-.393	280	302	-.244	.036	-.070	-.434
280	29	-.190	.014	-.142	-.237	280	143	-.227	.027	-.152	-.361	280	303	-.229	.033	-.097	-.404
280	30	-.179	.013	-.136	-.225	280	144	-.231	.032	-.117	-.501	280	304	-.259	.039	-.147	-.496
280	31	-.170	.014	-.099	-.214	280	145	-.246	.035	-.106	-.547	280	305	-.236	.041	-.122	-.465
280	91	-.169	.016	-.113	-.222	280	146	-.238	.020	-.160	-.328	280	306	-.239	.043	-.117	-.440
280	92	-.169	.016	-.111	-.261	280	147	-.198	.018	-.133	-.293	280	307	-.250	.045	-.107	-.475
280	93	-.157	.019	-.091	-.223	280	148	-.194	.018	-.129	-.270	280	308	-.237	.043	-.108	-.423

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	309	-.228	.040	-.111	-.390	280	359	-.212	.020	-.150	-.302	280	533	-.220	.033	-.109	-.388
280	310	-.233	.035	-.103	-.410	280	360	-.168	.020	-.099	-.238	280	534	-.261	.065	-.098	-.631
280	311	-.248	.043	-.121	-.444	280	361	-.211	.024	-.134	-.303	280	535	-.296	.068	-.134	-.631
280	312	-.260	.049	-.113	-.492	280	362	-.169	.024	-.083	-.311	280	536	-.229	.065	-.061	-.625
280	313	-.256	.042	-.131	-.554	280	363	-.220	.027	-.142	-.415	280	537	-.214	.047	-.018	-.479
280	314	-.239	.038	-.122	-.519	280	364	-.170	.020	-.097	-.251	280	538	-.169	.016	-.113	-.226
280	315	-.259	.032	-.150	-.592	280	365	-.203	.019	-.136	-.265	280	539	-.216	.034	-.075	-.353
280	316	-.261	.039	-.145	-.438	280	366	-.175	.026	-.095	-.289	280	540	-.229	.040	-.080	-.494
280	317	-.266	.043	-.139	-.485	280	367	-.218	.027	-.127	-.343	280	541	-.263	.051	-.125	-.548
280	318	-.268	.049	-.139	-.545	280	368	-.169	.020	-.099	-.246	280	542	-.213	.051	-.081	-.518
280	319	-.269	.042	-.152	-.463	280	369	-.208	.020	-.141	-.278	280	543	-.221	.045	-.100	-.629
280	320	-.252	.049	-.097	-.508	280	370	-.154	.018	-.090	-.220	280	544	-.172	.032	-.078	-.442
280	321	-.243	.036	-.151	-.440	280	371	-.196	.018	-.135	-.255	280	545	-.195	.025	-.115	-.388
280	322	-.234	.036	-.129	-.455	280	372	-.166	.018	-.114	-.238	280	546	-.167	.025	-.069	-.297
280	323	-.239	.036	-.149	-.442	280	373	-.215	.027	-.114	-.322	280	547	-.217	.023	-.132	-.349
280	324	-.260	.033	-.170	-.409	280	374	-.162	.024	-.061	-.257	280	548	-.200	.041	-.078	-.525
280	325	-.260	.033	-.169	-.445	280	375	-.194	.017	-.142	-.261	280	549	-.208	.036	-.107	-.434
280	326	-.255	.039	-.143	-.474	280	376	-.161	.018	-.104	-.223	280	550	-.150	.024	-.069	-.278
280	327	-.257	.043	-.130	-.503	280	377	-.199	.018	-.144	-.253	280	551	-.186	.021	-.119	-.263
280	328	-.250	.037	-.138	-.482	280	501	-.406	.182	.178	-1.336	280	552	-.186	.021	-.109	-.256
280	329	-.252	.038	-.139	-.464	280	502	-.302	.144	.150	-.929	280	553	-.182	.019	-.100	-.255
280	330	-.246	.036	-.150	-.427	280	503	-.221	.099	.084	-.708	280	554	-.190	.020	-.122	-.266
280	331	-.245	.032	-.156	-.381	280	504	-.194	.073	.035	-.801	280	555	-.190	.033	-.090	-.374
280	332	-.262	.031	-.167	-.475	280	505	-.187	.055	.019	-.639	280	556	-.179	.027	-.087	-.310
280	333	-.263	.038	-.160	-.506	280	506	-.431	.158	.039	-1.435	280	557	-.167	.020	-.095	-.263
280	334	-.256	.042	-.138	-.519	280	507	-.190	.051	-.045	-.506	280	558	-.168	.018	-.097	-.233
280	335	-.243	.051	-.130	-.658	280	508	-.399	.134	.168	-.998	280	559	-.169	.018	-.090	-.242
280	336	-.260	.050	-.158	-.649	280	509	-.320	.129	.120	-.877	280	560	-.177	.017	-.122	-.242
280	337	-.248	.033	-.155	-.395	280	510	-.247	.099	.082	-.677	280	561	-.180	.020	-.100	-.263
280	338	-.243	.035	-.155	-.418	280	511	-.202	.058	.014	-.539	280	562	-.170	.022	-.109	-.264
280	339	-.235	.032	-.140	-.428	280	512	-.230	.045	-.103	-.675	280	563	-.162	.020	-.105	-.267
280	340	-.256	.038	-.163	-.452	280	514	-.353	.151	.237	-1.161	280	564	-.163	.018	-.102	-.240
280	341	-.261	.042	-.129	-.452	280	515	-.184	.054	-.026	-.532	280	565	-.158	.017	-.093	-.224
280	342	-.223	.036	-.133	-.502	280	516	-.168	.042	-.046	-.488	280	566	-.162	.018	-.102	-.223
280	343	-.222	.038	-.128	-.564	280	517	-.457	.182	.104	-1.202	280	567	-.161	.018	-.095	-.222
280	344	-.237	.033	-.147	-.450	280	518	-.212	.104	.097	-.780	280	568	-.164	.016	-.107	-.217
280	345	-.226	.029	-.148	-.452	280	519	-.220	.041	-.092	-.465	280	569	-.163	.016	-.103	-.211
280	346	-.218	.025	-.133	-.338	280	520	-.401	.180	.115	-1.327	280	570	-.166	.015	-.114	-.208
280	347	-.222	.031	-.130	-.383	280	521	-.324	.167	.152	-1.090	280	571	-.166	.015	-.118	-.212
280	348	-.237	.032	-.154	-.395	280	522	-.288	.122	.054	-.887	280	572	-.165	.014	-.107	-.215
280	349	-.207	.022	-.134	-.300	280	523	-.232	.071	-.029	-.619	280	573	-.163	.016	-.098	-.224
280	350	-.198	.022	-.131	-.291	280	524	-.146	.054	.070	-.490	280	574	-.169	.016	-.109	-.221
280	351	-.198	.021	-.128	-.287	280	525	-.209	.039	-.061	-.403	280	575	-.166	.016	-.108	-.217
280	352	-.211	.018	-.144	-.274	280	526	-.182	.034	-.069	-.344	280	576	-.169	.016	-.115	-.242
280	353	-.184	.024	-.112	-.294	280	527	-.419	.174	.105	-1.246	280	577	-.164	.016	-.108	-.227
280	354	-.232	.029	-.153	-.405	280	528	-.325	.138	.282	-.916	280	578	-.167	.016	-.114	-.228
280	355	-.213	.024	-.132	-.347	280	529	-.255	.090	.139	-.809	280	579	-.163	.016	-.108	-.227
280	356	-.185	.029	-.112	-.323	280	530	-.175	.059	.096	-.548	280	580	-.164	.016	-.115	-.222
280	357	-.229	.029	-.156	-.372	280	531	-.209	.043	.003	-.519	280	701	-.029	.197	.924	-.590
280	358	-.179	.024	-.100	-.269	280	532	-.180	.034	-.056	-.366	280	702	-.288	.121	.349	-.820

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
280	703	-.087	.185	.605	-.662	280	824	.011	.118	.561	-.462	280	904	-.259	.042	-.127	-.489
280	704	-.173	.162	.551	-.748	280	825	.011	.113	.521	-.370	280	905	-.265	.036	-.147	-.426
280	705	-.282	.116	.281	-.806	280	826	.001	.115	.658	-.428	280	906	-.238	.042	-.134	-.466
280	706	-.135	.140	.434	-.731	280	827	-.064	.091	.532	-.342	280	907	-.320	.130	-.208	-.773
280	707	-.277	.116	.166	-.716	280	828	-.050	.089	.505	-.305	280	908	.009	.125	.680	-.269
280	708	-.123	.121	.427	-.698	280	829	.072	.110	.683	-.186	280	909	.064	.159	.635	-.255
280	709	-.285	.125	.259	-.771	280	830	.014	.097	.539	-.209	280	910	-.252	.040	-.127	-.437
280	710	-.106	.119	.399	-.532	280	831	-.008	.097	.670	-.227	280	911	-.248	.036	-.124	-.386
280	711	-.230	.138	.247	-.759	280	832	-.058	.091	.559	-.256	280	912	-.264	.044	-.142	-.474
280	712	-.293	.107	.115	-.698	280	833	-.146	.050	.110	-.303	280	913	-.385	.099	-.063	-.745
280	713	-.084	.105	.377	-.570	280	834	-.118	.044	.117	-.255	280	914	-.377	.099	-.042	-.753
280	714	-.255	.106	.249	-.704	280	835	-.078	.055	.176	-.214	280	915	-.369	.087	-.094	-.712
280	715	-.176	.078	.096	-.510	280	836	-.078	.054	.216	-.210	280	916	-.287	.084	.008	-.699
280	716	-.263	.067	-.029	-.574	280	837	-.091	.050	.167	-.246	290	1	-.168	.017	-.079	-.227
280	717	-.190	.049	-.032	-.452	280	838	-.130	.046	.081	-.278	290	2	-.125	.015	-.067	-.182
280	718	-.219	.046	-.059	-.425	280	839	-.187	.028	-.065	-.293	290	3	-.157	.014	-.112	-.208
280	719	-.242	.041	-.095	-.426	280	840	-.164	.033	-.000	-.285	290	4	-.105	.013	-.063	-.158
280	720	-.190	.034	-.032	-.308	280	841	-.141	.034	.057	-.283	290	5	-.160	.017	-.087	-.218
280	721	-.213	.031	-.107	-.359	280	842	-.137	.035	.009	-.254	290	6	-.125	.014	-.060	-.166
280	722	-.201	.023	-.116	-.290	280	843	-.101	.033	.045	-.220	290	7	-.164	.017	-.099	-.228
280	723	-.190	.024	-.114	-.288	280	844	-.165	.035	-.033	-.288	290	8	-.165	.015	-.110	-.220
280	724	-.154	.025	-.055	-.257	280	845	-.193	.024	-.073	-.285	290	9	-.173	.014	-.104	-.213
280	725	-.174	.016	-.119	-.218	280	846	-.161	.024	-.060	-.241	290	10	-.176	.015	-.122	-.232
280	726	-.187	.018	-.121	-.239	280	847	-.148	.022	-.063	-.237	290	11	-.122	.014	-.072	-.166
280	727	-.193	.017	-.126	-.239	280	848	-.160	.029	-.028	-.283	290	12	-.162	.019	-.098	-.225
280	728	-.148	.016	-.090	-.200	280	849	-.149	.035	-.010	-.275	290	13	-.098	.013	-.049	-.139
280	729	-.185	.016	-.134	-.232	280	850	-.182	.018	-.111	-.244	290	14	-.157	.021	-.086	-.231
280	801	-.067	.103	.446	-.347	280	851	-.120	.033	.007	-.225	290	15	-.158	.017	-.070	-.208
280	802	-.000	.113	.565	-.288	280	852	-.187	.018	-.116	-.242	290	16	-.125	.014	-.076	-.169
280	803	.024	.134	.591	-.299	280	853	-.170	.020	-.068	-.237	290	17	-.126	.014	-.077	-.182
280	804	.069	.155	.723	-.260	280	854	-.143	.032	-.027	-.287	290	18	-.103	.013	-.058	-.144
280	805	.039	.165	.702	-.326	280	855	-.123	.025	-.000	-.232	290	19	-.153	.018	-.069	-.219
280	806	-.028	.124	.612	-.329	280	856	-.157	.033	-.036	-.291	290	20	-.150	.015	-.095	-.198
280	807	.054	.159	.782	-.349	280	857	-.187	.017	-.119	-.249	290	21	-.171	.015	-.116	-.242
280	808	-.104	.106	.466	-.435	280	858	-.170	.020	-.063	-.231	290	22	-.172	.014	-.103	-.215
280	809	-.011	.123	.728	-.294	280	859	-.145	.018	-.050	-.200	290	23	-.158	.014	-.089	-.199
280	810	.068	.155	.925	-.287	280	860	-.168	.023	-.044	-.237	290	24	-.169	.016	-.102	-.232
280	811	.138	.165	.825	-.197	280	861	-.149	.026	-.035	-.232	290	25	-.172	.015	-.117	-.233
280	812	-.004	.161	.610	-.363	280	862	-.183	.016	-.137	-.236	290	26	-.167	.016	-.118	-.230
280	813	-.075	.084	.419	-.411	280	863	-.116	.026	.007	-.197	290	27	-.167	.015	-.113	-.237
280	814	-.033	.098	.479	-.416	280	864	-.190	.016	-.144	-.245	290	28	-.169	.014	-.102	-.211
280	815	.059	.127	.673	-.242	280	865	-.126	.019	-.023	-.190	290	29	-.184	.017	-.132	-.239
280	816	.029	.140	.784	-.380	280	866	-.171	.019	-.093	-.237	290	30	-.163	.013	-.121	-.205
280	817	-.002	.129	.691	-.308	280	867	-.143	.022	-.044	-.212	290	31	-.162	.014	-.095	-.206
280	818	-.099	.099	.400	-.362	280	868	-.140	.024	-.049	-.223	290	91	-.154	.019	-.085	-.232
280	819	.104	.144	.677	-.179	280	869	-.143	.020	-.061	-.213	290	92	-.153	.021	-.081	-.293
280	820	-.044	.119	.522	-.316	280	870	-.171	.016	-.103	-.227	290	93	-.141	.022	-.059	-.241
280	821	-.098	.083	.332	-.373	280	901	-.204	.137	.461	-.706	290	94	-.153	.023	-.059	-.310
280	822	-.022	.117	.505	-.387	280	902	.025	.127	.649	-.269	290	95	-.127	.029	.070	-.200
280	823	.002	.109	.536	-.409	280	903	.064	.132	.714	-.208	290	101	-.296	.075	-.085	-.699

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	102	-.398	.114	-.137	-.936	290	152	-.182	.019	-.125	-.275	290	312	-.281	.065	-.133	-.681
290	103	-.406	.129	-.165	-1.091	290	153	-.192	.017	-.134	-.255	290	313	-.290	.067	-.116	-.646
290	104	-.306	.084	-.114	-.710	290	154	-.172	.014	-.119	-.225	290	314	-.259	.057	-.106	-.577
290	105	-.388	.119	-.143	-1.004	290	155	-.198	.017	-.140	-.272	290	315	-.277	.043	-.157	-.550
290	106	-.283	.077	-.091	-.625	290	156	-.188	.019	-.115	-.265	290	316	-.255	.041	-.150	-.514
290	107	-.381	.096	-.165	-.834	290	157	-.206	.023	-.129	-.328	290	317	-.273	.058	-.114	-.581
290	108	-.386	.103	-.167	-1.001	290	158	-.222	.019	-.156	-.286	290	318	-.303	.074	-.139	-.678
290	109	-.300	.079	-.070	-.731	290	159	-.197	.018	-.125	-.252	290	319	-.292	.058	-.163	-.567
290	110	-.319	.077	-.082	-.770	290	160	-.182	.019	-.120	-.257	290	320	-.276	.065	-.112	-.655
290	111	-.385	.109	-.128	-1.082	290	161	-.193	.019	-.129	-.266	290	321	-.262	.059	-.125	-.569
290	112	-.407	.111	-.202	-1.014	290	201	-.240	.096	.145	-.770	290	322	-.248	.055	-.125	-.509
290	113	-.312	.081	-.112	-.745	290	202	-.299	.117	.222	-.899	290	323	-.245	.046	-.130	-.473
290	114	-.272	.075	-.102	-.612	290	203	-.299	.111	.087	-.940	290	324	-.263	.040	-.163	-.447
290	115	-.401	.119	-.180	-1.255	290	204	-.242	.096	.328	-.555	290	325	-.265	.041	-.161	-.501
290	116	-.308	.073	-.119	-.701	290	205	-.219	.087	.084	-.561	290	326	-.261	.049	-.132	-.561
290	117	-.315	.073	-.129	-.645	290	206	-.230	.101	.202	-.726	290	327	-.261	.053	-.128	-.576
290	118	-.342	.078	-.149	-.704	290	207	-.220	.103	.198	-.770	290	328	-.265	.058	-.152	-.678
290	119	-.380	.097	-.181	-.828	290	208	-.174	.102	.276	-.653	290	329	-.260	.052	-.128	-.562
290	120	-.386	.095	-.147	-.893	290	209	-.230	.090	.094	-.593	290	330	-.250	.045	-.127	-.514
290	121	-.487	.173	-.185	-1.383	290	210	-.174	.103	.373	-.594	290	331	-.243	.036	-.140	-.417
290	122	-.307	.077	-.116	-.671	290	211	-.292	.108	.141	-.784	290	332	-.261	.038	-.161	-.504
290	123	-.303	.072	-.113	-.658	290	212	-.296	.095	.023	-.709	290	333	-.263	.046	-.154	-.590
290	124	-.320	.079	-.134	-.704	290	213	-.124	.099	.292	-.440	290	334	-.258	.052	-.127	-.592
290	125	-.361	.088	-.152	-.852	290	214	-.279	.095	.127	-.841	290	335	-.238	.053	-.121	-.517
290	126	-.415	.127	-.187	-1.190	290	215	-.253	.086	.156	-.721	290	336	-.255	.051	-.111	-.534
290	127	-.411	.131	-.176	-1.185	290	216	-.272	.073	-.005	-.741	290	337	-.261	.040	-.157	-.520
290	128	-.273	.068	-.119	-.676	290	217	-.234	.068	.030	-.511	290	338	-.237	.039	-.136	-.542
290	129	-.285	.066	-.129	-.602	290	218	-.314	.070	.050	-.661	290	339	-.233	.037	-.128	-.412
290	130	-.311	.072	-.134	-.683	290	219	-.276	.064	.047	-.612	290	340	-.256	.047	-.120	-.573
290	131	-.353	.082	-.147	-.753	290	220	-.226	.045	-.001	-.475	290	341	-.258	.051	-.128	-.525
290	132	-.375	.083	-.167	-.741	290	221	-.249	.042	-.069	-.520	290	342	-.217	.039	-.139	-.493
290	133	-.401	.089	-.185	-.789	290	222	-.240	.033	-.130	-.368	290	343	-.215	.042	-.123	-.525
290	134	-.243	.048	-.134	-.512	290	223	-.225	.035	-.125	-.427	290	344	-.236	.040	-.149	-.550
290	135	-.240	.048	-.120	-.518	290	224	-.206	.036	-.100	-.442	290	345	-.225	.028	-.154	-.379
290	136	-.248	.055	-.124	-.567	290	225	-.180	.026	-.059	-.274	290	346	-.220	.033	-.129	-.530
290	137	-.292	.066	-.134	-.668	290	226	-.218	.026	-.114	-.302	290	347	-.223	.041	-.116	-.560
290	138	-.333	.079	-.151	-.698	290	227	-.182	.024	-.075	-.257	290	348	-.241	.043	-.115	-.568
290	139	-.355	.087	-.161	-.802	290	228	-.117	.020	-.028	-.173	290	349	-.211	.028	-.133	-.386
290	140	-.221	.032	-.128	-.424	290	229	-.161	.023	-.060	-.232	290	350	-.202	.027	-.132	-.370
290	141	-.232	.032	-.126	-.465	290	301	-.254	.063	-.086	-.634	290	351	-.200	.026	-.126	-.363
290	142	-.260	.034	-.167	-.542	290	302	-.265	.059	-.095	-.630	290	352	-.211	.022	-.143	-.310
290	143	-.254	.041	-.145	-.572	290	303	-.238	.052	-.099	-.571	290	353	-.194	.033	-.097	-.421
290	144	-.268	.055	-.118	-.586	290	304	-.265	.052	-.112	-.540	290	354	-.242	.041	-.127	-.439
290	145	-.303	.066	-.129	-.670	290	305	-.252	.056	-.084	-.499	290	355	-.232	.042	-.114	-.464
290	146	-.236	.025	-.145	-.362	290	306	-.259	.058	-.108	-.573	290	356	-.184	.035	-.094	-.349
290	147	-.209	.023	-.107	-.325	290	307	-.257	.051	-.129	-.468	290	357	-.229	.036	-.129	-.388
290	148	-.192	.022	-.120	-.272	290	308	-.260	.067	-.107	-.585	290	358	-.183	.028	-.100	-.313
290	149	-.213	.023	-.134	-.297	290	309	-.242	.054	-.122	-.553	290	359	-.212	.023	-.140	-.300
290	150	-.259	.028	-.169	-.410	290	310	-.241	.044	-.120	-.476	290	360	-.167	.023	-.086	-.288
290	151	-.246	.037	-.155	-.427	290	311	-.267	.059	-.120	-.662	290	361	-.214	.030	-.119	-.403

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
290	362	-.168	.031	-.082	-.366	290	536	-.332	.120	-.034	-.887	290	706	-.015	.146	.518	-.622
290	363	-.221	.033	-.130	-.424	290	537	-.282	.105	-.021	-.845	290	707	-.277	.121	.250	-.905
290	364	-.162	.020	-.101	-.248	290	538	-.199	.038	-.113	-.352	290	708	.014	.136	.731	-.436
290	365	-.201	.022	-.132	-.332	290	539	-.230	.057	-.071	-.581	290	709	-.234	.118	.192	-.858
290	366	-.177	.029	-.107	-.336	290	540	-.260	.080	-.083	-.822	290	710	.033	.138	.593	-.472
290	367	-.221	.031	-.145	-.366	290	541	-.350	.124	-.097	-1.062	290	711	-.148	.141	.500	-.677
290	368	-.165	.022	-.083	-.258	290	542	-.286	.123	-.062	-1.029	290	712	-.255	.101	.116	-.632
290	369	-.208	.021	-.139	-.299	290	543	-.247	.095	.015	-.915	290	713	.034	.134	.692	-.379
290	370	-.151	.018	-.092	-.218	290	544	-.164	.041	-.064	-.495	290	714	-.205	.098	.375	-.600
290	371	-.191	.019	-.119	-.269	290	545	-.183	.029	-.092	-.395	290	715	-.134	.104	.361	-.517
290	372	-.155	.019	-.078	-.238	290	546	-.163	.028	-.086	-.325	290	716	-.265	.080	.042	-.581
290	373	-.220	.034	-.127	-.416	290	547	-.213	.028	-.145	-.370	290	717	-.191	.078	.115	-.508
290	374	-.164	.028	-.072	-.316	290	548	-.224	.062	-.054	-.554	290	718	-.228	.071	.121	-.515
290	375	-.187	.017	-.124	-.242	290	549	-.216	.056	-.064	-.517	290	719	-.254	.063	.033	-.532
290	376	-.150	.018	-.083	-.202	290	550	-.151	.035	-.047	-.347	290	720	-.196	.053	.016	-.415
290	377	-.194	.019	-.132	-.261	290	551	-.172	.025	-.078	-.279	290	721	-.231	.047	-.044	-.468
290	501	-.435	.140	-.012	-1.071	290	552	-.173	.024	-.090	-.255	290	722	-.190	.027	-.097	-.344
290	502	-.435	.135	-.019	-1.164	290	553	-.177	.026	-.095	-.321	290	723	-.177	.029	-.078	-.333
290	503	-.379	.138	-.007	-.967	290	554	-.184	.029	-.102	-.349	290	724	-.146	.028	.007	-.280
290	504	-.297	.122	.020	-1.144	290	555	-.208	.059	-.001	-.496	290	725	-.156	.022	-.058	-.210
290	505	-.229	.088	.021	-.736	290	556	-.188	.052	-.048	-.396	290	726	-.172	.020	-.084	-.230
290	506	-.501	.140	-.165	-1.135	290	557	-.156	.030	-.059	-.331	290	727	-.178	.019	-.086	-.234
290	507	-.298	.118	-.077	-.915	290	558	-.144	.022	-.056	-.250	290	728	-.133	.020	-.053	-.192
290	508	-.466	.132	-.112	-1.170	290	559	-.156	.021	-.081	-.243	290	729	-.167	.022	-.068	-.221
290	509	-.432	.124	-.031	-.957	290	560	-.165	.017	-.115	-.220	290	801	.079	.144	.592	-.294
290	510	-.419	.136	-.062	-.982	290	561	-.172	.021	-.106	-.266	290	802	.145	.154	.700	-.268
290	511	-.326	.113	-.079	-.817	290	562	-.159	.030	-.067	-.329	290	803	.135	.161	.728	-.242
290	512	-.342	.120	-.087	-.965	290	563	-.156	.025	-.086	-.291	290	804	.117	.146	.652	-.241
290	514	-.475	.155	-.057	-1.156	290	564	-.148	.020	-.088	-.271	290	805	.038	.128	.525	-.258
290	515	-.227	.089	-.038	-.726	290	565	-.145	.018	-.085	-.256	290	806	.076	.155	.687	-.299
290	516	-.196	.079	.012	-.687	290	566	-.141	.017	-.082	-.201	290	807	.044	.126	.561	-.285
290	517	-.436	.130	-.119	-1.041	290	567	-.153	.017	-.093	-.208	290	808	.019	.141	.587	-.345
290	518	-.304	.134	.042	-.893	290	568	-.158	.016	-.100	-.223	290	809	.125	.171	.747	-.234
290	519	-.279	.094	-.095	-.743	290	569	-.147	.017	-.090	-.207	290	810	.161	.200	.928	-.275
290	520	-.513	.189	-.120	-1.461	290	570	-.143	.017	-.082	-.204	290	811	.102	.136	.659	-.162
290	521	-.362	.132	.008	-1.228	290	571	-.153	.017	-.098	-.213	290	812	-.025	.132	.512	-.498
290	522	-.400	.144	-.059	-1.095	290	572	-.153	.015	-.093	-.200	290	813	.070	.132	.546	-.336
290	523	-.365	.134	-.091	-1.000	290	573	-.150	.016	-.085	-.207	290	814	.125	.161	.683	-.257
290	524	-.204	.096	.023	-.680	290	574	-.144	.017	-.089	-.196	290	815	.227	.184	1.000	-.196
290	525	-.267	.088	-.079	-.698	290	575	-.150	.017	-.093	-.198	290	816	.133	.158	.747	-.307
290	526	-.229	.078	-.049	-.633	290	576	-.149	.017	-.095	-.215	290	817	.054	.119	.518	-.319
290	527	-.507	.180	.020	-1.390	290	577	-.146	.017	-.088	-.209	290	818	.023	.120	.505	-.271
290	528	-.440	.158	-.059	-1.244	290	578	-.140	.017	-.082	-.204	290	819	.224	.185	.928	-.134
290	529	-.372	.131	-.090	-.957	290	579	-.147	.017	-.093	-.213	290	820	-.025	.115	.477	-.542
290	530	-.274	.119	-.017	-.793	290	580	-.153	.019	-.090	-.225	290	821	.022	.112	.588	-.349
290	531	-.278	.097	-.095	-.856	290	701	-.128	.212	.975	-.450	290	822	.078	.145	.685	-.326
290	532	-.232	.077	-.069	-.724	290	702	-.286	.125	.276	-.743	290	823	.148	.156	.847	-.211
290	533	-.258	.076	-.128	-.807	290	703	.083	.189	.794	-.500	290	824	.136	.157	.863	-.185
290	534	-.359	.108	-.143	-1.009	290	704	-.034	.195	.733	-.575	290	825	.067	.125	.634	-.256
290	535	-.392	.118	-.130	-1.152	290	705	-.222	.119	.336	-.722	290	826	-.004	.094	.424	-.495

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
290	827	.027	.109	.582	-.214	290	907	-.318	.131	.156	-.842	300	105	-.503	.151	-.158	-1.272
290	828	.051	.124	.640	-.232	290	908	-.154	.165	.802	-.225	300	106	-.311	.080	-.104	-.649
290	829	.148	.134	.756	-.137	290	909	-.138	.162	.817	-.234	300	107	-.391	.095	-.131	-.947
290	830	.128	.141	.699	-.173	290	910	-.286	.062	-.124	-.632	300	108	-.414	.109	-.128	-.909
290	831	.069	.117	.642	-.167	290	911	-.268	.046	-.122	-.490	300	109	-.311	.076	-.088	-.716
290	832	-.020	.091	.454	-.232	290	912	-.286	.057	-.134	-.598	300	110	-.335	.078	-.112	-.696
290	833	-.086	.066	.214	-.286	290	913	-.436	.111	-.175	-1.034	300	111	-.394	.106	-.101	-.920
290	834	-.049	.070	.240	-.217	290	914	-.434	.119	-.050	-1.024	300	112	-.446	.115	-.180	-1.171
290	835	.011	.090	.448	-.167	290	915	-.400	.102	-.137	-.787	300	113	-.319	.078	-.110	-.710
290	836	.013	.090	.509	-.190	290	916	-.331	.105	-.017	-.807	300	114	-.320	.086	-.098	-.726
290	837	-.021	.074	.335	-.218	300	1	-.160	.019	-.060	-.232	300	115	-.468	.128	-.135	-1.251
290	838	-.091	.061	.178	-.313	300	2	-.123	.015	-.070	-.182	300	116	-.289	.067	-.080	-.624
290	839	-.168	.035	-.017	-.285	300	3	-.146	.014	-.095	-.196	300	117	-.299	.067	-.099	-.632
290	840	-.139	.045	.094	-.255	300	4	-.103	.014	-.049	-.154	300	118	-.330	.073	-.131	-.695
290	841	-.091	.051	.221	-.215	300	5	-.156	.020	-.056	-.263	300	119	-.391	.095	-.108	-1.063
290	842	-.118	.044	.063	-.342	300	6	-.120	.016	-.060	-.167	300	120	-.425	.105	-.182	-.816
290	843	-.076	.041	.121	-.290	300	7	-.156	.020	-.068	-.231	300	121	-.571	.194	-.188	-1.497
290	844	-.154	.045	.018	-.370	300	8	-.158	.016	-.076	-.216	300	122	-.296	.071	-.101	-.708
290	845	-.182	.026	-.054	-.296	300	9	-.165	.015	-.110	-.214	300	123	-.297	.068	-.133	-.657
290	846	-.137	.032	-.009	-.236	300	10	-.169	.016	-.115	-.219	300	124	-.319	.072	-.122	-.637
290	847	-.136	.028	-.033	-.237	300	11	-.117	.015	-.053	-.162	300	125	-.377	.085	-.132	-.764
290	848	-.126	.040	.055	-.245	300	12	-.149	.015	-.096	-.216	300	126	-.456	.115	-.172	-1.001
290	849	-.116	.046	.107	-.250	300	13	-.091	.015	-.037	-.133	300	127	-.466	.122	-.182	-1.054
290	850	-.170	.022	-.076	-.244	300	14	-.145	.018	-.073	-.196	300	128	-.274	.070	-.097	-.712
290	851	-.097	.046	.080	-.265	300	15	-.158	.020	-.078	-.229	300	129	-.283	.070	-.112	-.670
290	852	-.171	.023	-.065	-.252	300	16	-.120	.015	-.065	-.172	300	130	-.313	.078	-.129	-.751
290	853	-.152	.028	.015	-.245	300	17	-.124	.016	-.070	-.177	300	131	-.366	.089	-.138	-.771
290	854	-.123	.037	.016	-.272	300	18	-.098	.014	-.051	-.154	300	132	-.410	.094	-.152	-.881
290	855	-.101	.031	.022	-.217	300	19	-.145	.019	-.059	-.211	300	133	-.441	.102	-.168	-.934
290	856	-.140	.037	-.002	-.307	300	20	-.141	.016	-.069	-.198	300	134	-.240	.053	-.111	-.632
290	857	-.173	.022	-.072	-.242	300	21	-.164	.017	-.116	-.238	300	135	-.239	.052	-.118	-.574
290	858	-.154	.023	-.040	-.226	300	22	-.161	.016	-.110	-.218	300	136	-.244	.059	-.090	-.587
290	859	-.130	.020	-.023	-.205	300	23	-.147	.016	-.094	-.211	300	137	-.291	.073	-.087	-.716
290	860	-.158	.025	-.018	-.226	300	24	-.159	.017	-.095	-.224	300	138	-.342	.082	-.038	-.695
290	861	-.146	.030	.007	-.235	300	25	-.165	.016	-.107	-.224	300	139	-.377	.092	-.030	-.778
290	862	-.170	.018	-.087	-.223	300	26	-.159	.017	-.097	-.228	300	140	-.234	.036	-.137	-.462
290	863	-.115	.027	-.003	-.207	300	27	-.161	.016	-.106	-.224	300	141	-.243	.035	-.127	-.493
290	864	-.176	.019	-.088	-.232	300	28	-.157	.015	-.105	-.209	300	142	-.277	.038	-.144	-.542
290	865	-.103	.028	.072	-.173	300	29	-.172	.018	-.108	-.241	300	143	-.274	.046	-.101	-.498
290	866	-.158	.022	-.044	-.217	300	30	-.155	.015	-.105	-.209	300	144	-.285	.050	-.106	-.514
290	867	-.132	.027	.008	-.222	300	31	-.150	.015	-.103	-.204	300	145	-.325	.063	-.114	-.658
290	868	-.135	.027	.023	-.226	300	91	-.150	.023	-.065	-.229	300	146	-.249	.026	-.168	-.339
290	869	-.136	.020	-.057	-.241	300	92	-.143	.023	-.040	-.255	300	147	-.219	.023	-.139	-.313
290	870	-.153	.020	-.069	-.222	300	93	-.132	.029	-.019	-.227	300	148	-.203	.024	-.124	-.373
290	901	-.080	.142	.447	-.738	300	94	-.137	.029	-.016	-.312	300	149	-.226	.027	-.132	-.363
290	902	.147	.166	.783	-.199	300	95	-.111	.036	.076	-.201	300	150	-.278	.036	-.179	-.481
290	903	.170	.159	.722	-.159	300	101	-.295	.073	-.075	-.601	300	151	-.278	.050	-.164	-.583
290	904	-.299	.067	-.129	-.627	300	102	-.401	.106	-.112	-.941	300	152	-.194	.021	-.114	-.283
290	905	-.300	.053	-.162	-.524	300	103	-.482	.141	-.161	-1.306	300	153	-.203	.020	-.130	-.268
290	906	-.265	.057	-.124	-.575	300	104	-.295	.081	-.078	-.720	300	154	-.171	.018	-.112	-.255

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	155	-.207	.019	-.136	-.268	300	315	-.272	.039	-.154	-.436	300	365	-.192	.024	-.118	-.344
300	156	-.195	.021	-.114	-.281	300	316	-.279	.050	-.134	-.613	300	366	-.169	.030	-.094	-.303
300	157	-.214	.025	-.125	-.339	300	317	-.275	.057	-.113	-.535	300	367	-.209	.033	-.126	-.365
300	158	-.233	.020	-.158	-.307	300	318	-.292	.063	-.102	-.584	300	368	-.160	.023	-.086	-.282
300	159	-.206	.019	-.139	-.268	300	319	-.283	.047	-.157	-.616	300	369	-.200	.022	-.135	-.326
300	160	-.192	.020	-.132	-.260	300	320	-.267	.059	-.096	-.542	300	370	-.142	.017	-.084	-.203
300	161	-.203	.019	-.140	-.261	300	321	-.277	.052	-.140	-.584	300	371	-.180	.018	-.121	-.251
300	201	-.304	.121	-.312	-.850	300	322	-.262	.050	-.122	-.549	300	372	-.146	.018	-.086	-.244
300	202	-.334	.133	-.118	-.935	300	323	-.255	.044	-.142	-.470	300	373	-.214	.033	-.135	-.394
300	203	-.322	.119	-.310	-.817	300	324	-.272	.039	-.157	-.460	300	374	-.161	.026	-.086	-.273
300	204	-.295	.117	-.197	-.770	300	325	-.270	.040	-.140	-.483	300	375	-.176	.018	-.116	-.243
300	205	-.276	.118	-.257	-.739	300	326	-.263	.050	-.098	-.635	300	376	-.141	.018	-.083	-.219
300	206	-.295	.125	-.133	-.873	300	327	-.261	.053	-.094	-.653	300	377	-.182	.019	-.113	-.264
300	207	-.283	.127	-.188	-.708	300	328	-.268	.052	-.134	-.607	300	501	-.540	.152	-.121	-1.313
300	208	-.224	.120	-.285	-.779	300	329	-.269	.048	-.145	-.572	300	502	-.523	.138	-.159	-1.181
300	209	-.291	.118	-.079	-.870	300	330	-.253	.042	-.149	-.558	300	503	-.457	.129	-.088	-1.348
300	210	-.206	.113	-.212	-.624	300	331	-.244	.035	-.149	-.455	300	504	-.361	.117	-.000	-.835
300	211	-.341	.136	-.137	-.886	300	332	-.266	.039	-.159	-.540	300	505	-.304	.099	-.023	-.832
300	212	-.341	.121	-.119	-.955	300	333	-.269	.043	-.114	-.514	300	506	-.519	.140	-.210	-1.262
300	213	-.164	.111	-.255	-.579	300	334	-.261	.048	-.096	-.573	300	507	-.294	.096	-.047	-.784
300	214	-.316	.109	-.085	-.744	300	335	-.235	.046	-.097	-.565	300	508	-.544	.158	-.207	-1.237
300	215	-.284	.117	-.223	-.675	300	336	-.255	.045	-.131	-.500	300	509	-.501	.139	-.181	-1.104
300	216	-.311	.102	-.094	-.746	300	337	-.247	.034	-.157	-.427	300	510	-.457	.123	-.164	-.996
300	217	-.254	.104	-.277	-.720	300	338	-.245	.035	-.146	-.411	300	511	-.340	.090	-.113	-.753
300	218	-.379	.101	-.056	-.809	300	339	-.243	.038	-.133	-.491	300	512	-.354	.094	-.117	-.763
300	219	-.337	.093	-.045	-.715	300	340	-.270	.049	-.148	-.554	300	514	-.507	.158	-.110	-1.187
300	220	-.266	.071	-.004	-.632	300	341	-.266	.055	-.126	-.615	300	515	-.310	.101	-.060	-.734
300	221	-.295	.069	-.051	-.679	300	342	-.220	.038	-.120	-.416	300	516	-.268	.093	-.056	-.710
300	222	-.260	.046	-.109	-.547	300	343	-.219	.041	-.126	-.467	300	517	-.631	.202	-.183	-1.607
300	223	-.253	.054	-.086	-.553	300	344	-.244	.042	-.143	-.477	300	518	-.391	.132	-.058	-.986
300	224	-.233	.047	-.096	-.465	300	345	-.234	.034	-.145	-.574	300	519	-.325	.092	-.101	-.840
300	225	-.189	.026	-.083	-.292	300	346	-.226	.043	-.132	-.515	300	520	-.714	.245	-.199	-1.801
300	226	-.232	.027	-.117	-.352	300	347	-.231	.049	-.126	-.524	300	521	-.489	.165	-.099	-1.316
300	227	-.192	.023	-.088	-.273	300	348	-.248	.051	-.120	-.612	300	522	-.466	.141	-.096	-1.107
300	228	-.105	.021	-.002	-.172	300	349	-.215	.035	-.123	-.447	300	523	-.399	.122	-.115	-1.005
300	229	-.146	.024	-.017	-.217	300	350	-.206	.035	-.105	-.447	300	524	-.264	.099	-.030	-.808
300	301	-.255	.062	-.059	-.521	300	351	-.207	.036	-.111	-.493	300	525	-.291	.071	-.141	-.668
300	302	-.265	.059	-.074	-.556	300	352	-.213	.027	-.129	-.435	300	526	-.246	.063	-.104	-.560
300	303	-.237	.054	-.068	-.511	300	353	-.190	.041	-.094	-.509	300	527	-.667	.202	-.206	-1.597
300	304	-.265	.055	-.089	-.533	300	354	-.239	.048	-.105	-.545	300	528	-.640	.198	-.192	-1.470
300	305	-.244	.056	-.054	-.519	300	355	-.222	.042	-.116	-.505	300	529	-.470	.141	-.133	-1.185
300	306	-.280	.068	-.057	-.583	300	356	-.165	.032	-.081	-.345	300	530	-.327	.109	-.094	-.865
300	307	-.268	.059	-.080	-.536	300	357	-.211	.034	-.120	-.419	300	531	-.313	.086	-.113	-.919
300	308	-.288	.076	-.073	-.728	300	358	-.170	.029	-.096	-.308	300	532	-.247	.065	-.081	-.683
300	309	-.268	.064	-.072	-.622	300	359	-.202	.024	-.116	-.295	300	533	-.267	.062	-.077	-.724
300	310	-.262	.051	-.107	-.526	300	360	-.157	.024	-.078	-.267	300	534	-.447	.142	-.163	-1.151
300	311	-.274	.058	-.105	-.613	300	361	-.206	.034	-.118	-.482	300	535	-.498	.154	-.091	-1.246
300	312	-.284	.064	-.094	-.643	300	362	-.168	.037	-.074	-.432	300	536	-.428	.145	-.091	-1.058
300	313	-.287	.059	-.126	-.550	300	363	-.209	.033	-.123	-.407	300	537	-.325	.123	-.057	-.895
300	314	-.252	.050	-.113	-.471	300	364	-.161	.021	-.091	-.244	300	538	-.215	.036	-.126	-.343

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	539	-.243	.060	-.083	-.656	300	709	-.279	.124	.339	-.825	300	830	.221	.138	.835	-.138
300	540	-.240	.058	-.050	-.574	300	710	.047	.127	.551	-.398	300	831	.176	.136	.747	-.197
300	541	-.408	.145	-.079	-1.177	300	711	-.194	.158	.388	-.784	300	832	.071	.117	.615	-.255
300	542	-.325	.145	-.035	-1.060	300	712	-.314	.133	.245	-.793	300	833	-.076	.073	.274	-.306
300	543	-.259	.111	-.064	-.941	300	713	.036	.125	.588	-.360	300	834	-.014	.074	.296	-.202
300	544	-.165	.059	.003	-.774	300	714	-.257	.126	.337	-.717	300	835	.072	.104	.643	-.156
300	545	-.182	.037	-.039	-.586	300	715	-.131	.127	.444	-.634	300	836	.092	.114	.762	-.169
300	546	-.161	.032	-.062	-.377	300	716	-.311	.113	.389	-.763	300	837	.059	.106	.591	-.254
300	547	-.218	.028	-.140	-.329	300	717	-.191	.107	.232	-.569	300	838	-.025	.092	.446	-.287
300	548	-.233	.083	-.014	-.772	300	718	-.247	.111	.225	-.672	300	839	-.163	.046	.072	-.293
300	549	-.215	.075	-.036	-.714	300	719	-.277	.102	.125	-.713	300	840	-.113	.053	.205	-.274
300	550	-.134	.043	-.007	-.528	300	720	-.192	.075	.163	-.570	300	841	-.060	.058	.379	-.230
300	551	-.163	.027	-.071	-.359	300	721	-.240	.071	.015	-.616	300	842	-.049	.073	.311	-.255
300	552	-.164	.024	-.034	-.260	300	722	-.208	.047	-.091	-.527	300	843	-.004	.069	.350	-.183
300	553	-.169	.024	-.093	-.278	300	723	-.191	.054	-.015	-.474	300	844	-.108	.067	.194	-.373
300	554	-.203	.027	-.131	-.346	300	724	-.141	.050	.145	-.358	300	845	-.182	.040	-.000	-.357
300	555	-.193	.061	-.028	-.520	300	725	-.141	.022	-.025	-.212	300	846	-.110	.037	.057	-.235
300	556	-.174	.054	-.028	-.428	300	726	-.166	.025	-.053	-.266	300	847	-.121	.031	.022	-.256
300	557	-.147	.029	-.049	-.322	300	727	-.174	.022	-.077	-.256	300	848	-.086	.050	.101	-.246
300	558	-.174	.021	-.095	-.255	300	728	-.121	.021	-.023	-.188	300	849	-.070	.063	.185	-.238
300	559	-.150	.019	-.073	-.229	300	729	-.152	.022	-.039	-.220	300	850	-.161	.030	-.027	-.276
300	560	-.155	.016	-.106	-.216	300	801	.009	.113	.517	-.303	300	851	-.058	.063	.198	-.261
300	561	-.162	.021	-.091	-.257	300	802	.093	.117	.580	-.220	300	852	-.155	.030	-.002	-.248
300	562	-.171	.028	-.092	-.362	300	803	.128	.141	.641	-.222	300	853	-.125	.037	.076	-.238
300	563	-.143	.022	-.076	-.284	300	804	.182	.144	.694	-.164	300	854	-.078	.057	.188	-.247
300	564	-.139	.018	-.068	-.206	300	805	.103	.142	.656	-.280	300	855	-.064	.046	.152	-.223
300	565	-.136	.017	-.070	-.192	300	806	.056	.116	.620	-.455	300	856	-.097	.056	.153	-.285
300	566	-.153	.017	-.100	-.207	300	807	.134	.153	.678	-.259	300	857	-.165	.024	-.076	-.256
300	567	-.144	.017	-.096	-.202	300	808	-.065	.114	.496	-.443	300	858	-.138	.027	.001	-.214
300	568	-.151	.017	-.096	-.239	300	809	.048	.137	.629	-.336	300	859	-.119	.024	-.020	-.193
300	569	-.139	.017	-.073	-.187	300	810	.172	.176	.855	-.211	300	860	-.132	.035	.042	-.225
300	570	-.156	.016	-.089	-.202	300	811	.190	.188	.756	-.387	300	861	-.114	.043	.127	-.274
300	571	-.147	.016	-.078	-.196	300	812	-.012	.171	.639	-.687	300	862	-.158	.021	-.068	-.230
300	572	-.143	.015	-.098	-.189	300	813	.055	.096	.483	-.251	300	863	-.083	.042	.132	-.211
300	573	-.140	.016	-.088	-.187	300	814	.128	.114	.599	-.197	300	864	-.162	.022	-.072	-.233
300	574	-.165	.017	-.108	-.220	300	815	.262	.145	.859	-.154	300	865	-.078	.032	.082	-.153
300	575	-.141	.016	-.083	-.191	300	816	.223	.152	.821	-.239	300	866	-.133	.029	-.005	-.236
300	576	-.145	.016	-.078	-.194	300	817	.140	.129	.653	-.253	300	867	-.111	.031	.046	-.213
300	577	-.143	.016	-.078	-.190	300	818	-.061	.099	.427	-.412	300	868	-.113	.035	.044	-.222
300	578	-.160	.016	-.089	-.210	300	819	.189	.154	.819	-.208	300	869	-.120	.027	.009	-.197
300	579	-.144	.016	-.078	-.191	300	820	.014	.160	.486	-.634	300	870	-.144	.024	-.044	-.223
300	580	-.142	.015	-.088	-.189	300	821	.011	.094	.484	-.273	300	901	-.151	.140	.498	-.684
300	701	.090	.199	.845	-.605	300	822	.129	.126	.661	-.238	300	902	.085	.114	.566	-.201
300	702	-.310	.151	.301	-.865	300	823	.197	.142	.935	-.179	300	903	.149	.160	.794	-.294
300	703	.022	.206	.846	-.620	300	824	.225	.163	.939	-.282	300	904	-.285	.057	-.106	-.569
300	704	-.118	.186	.804	-.754	300	825	.179	.152	.904	-.281	300	905	-.285	.046	-.149	-.561
300	705	-.302	.142	.350	-.793	300	826	.143	.139	.665	-.256	300	906	-.249	.050	-.082	-.517
300	706	-.053	.154	.547	-.707	300	827	.043	.096	.438	-.278	300	907	-.342	.160	.372	-.965
300	707	-.294	.141	.428	-.801	300	828	.085	.102	.548	-.171	300	908	.069	.114	.641	-.199
300	708	-.029	.128	.472	-.458	300	829	.279	.140	.843	-.103	300	909	.115	.152	.692	-.230

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	910	-.277	.058	-.093	-.587	310	108	-.414	.102	-.084	-.926	310	158	-.232	.022	-.146	-.313
300	911	-.269	.046	-.142	-.484	310	109	-.249	.053	-.054	-.474	310	159	-.206	.021	-.130	-.283
300	912	-.281	.058	-.121	-.576	310	110	-.274	.059	-.041	-.543	310	160	-.189	.021	-.115	-.268
300	913	-.405	.108	-.111	-.914	310	111	-.375	.098	-.050	-.824	310	161	-.202	.020	-.129	-.271
300	914	-.421	.115	-.042	-1.017	310	112	-.443	.107	-.147	-.931	310	201	-.186	.119	.458	-.676
300	915	-.402	.098	-.133	-.821	310	113	-.244	.045	-.074	-.465	310	202	-.219	.120	.358	-.690
300	916	-.342	.107	-.039	-.775	310	114	-.251	.069	.012	-.528	310	203	-.206	.129	.493	-.635
310	1	-.153	.022	-.024	-.217	310	115	-.455	.108	-.143	-1.006	310	204	-.161	.125	.586	-.543
310	2	-.124	.017	-.053	-.189	310	116	-.233	.038	-.097	-.381	310	205	-.149	.121	.419	-.529
310	3	-.147	.016	-.088	-.208	310	117	-.243	.041	-.084	-.402	310	206	-.160	.113	.373	-.501
310	4	-.103	.015	-.042	-.155	310	118	-.260	.049	-.030	-.500	310	207	-.178	.109	.287	-.590
310	5	-.155	.023	-.081	-.242	310	119	-.335	.078	-.004	-.749	310	208	-.132	.118	.620	-.508
310	6	-.119	.016	-.063	-.173	310	120	-.383	.083	-.067	-.795	310	209	-.164	.112	.309	-.597
310	7	-.153	.024	-.061	-.269	310	121	-.561	.158	-.071	-1.376	310	210	-.133	.109	.354	-.582
310	8	-.154	.019	-.091	-.227	310	122	-.236	.037	-.121	-.397	310	211	-.214	.126	.313	-.694
310	9	-.165	.016	-.107	-.215	310	123	-.236	.039	-.117	-.405	310	212	-.235	.120	.224	-.739
310	10	-.167	.016	-.108	-.217	310	124	-.250	.052	.015	-.488	310	213	-.121	.108	.417	-.504
310	11	-.115	.016	-.065	-.172	310	125	-.319	.074	-.018	-.750	310	214	-.225	.111	.250	-.622
310	12	-.150	.017	-.084	-.208	310	126	-.433	.107	-.075	-1.001	310	215	-.212	.136	.578	-.712
310	13	-.087	.016	-.028	-.143	310	127	-.473	.111	-.115	-1.058	310	216	-.242	.117	.372	-.689
310	14	-.135	.021	-.026	-.209	310	128	-.231	.039	-.109	-.461	310	217	-.187	.120	.357	-.584
310	15	-.152	.023	-.061	-.271	310	129	-.240	.044	-.101	-.503	310	218	-.307	.117	.108	-.755
310	16	-.119	.017	-.049	-.168	310	130	-.259	.055	-.101	-.573	310	219	-.274	.103	.102	-.686
310	17	-.124	.017	-.048	-.192	310	131	-.314	.074	-.079	-.654	310	220	-.229	.071	.182	-.622
310	18	-.097	.015	-.026	-.148	310	132	-.376	.083	-.107	-.736	310	221	-.263	.065	.109	-.623
310	19	-.143	.023	-.013	-.226	310	133	-.416	.095	-.137	-.853	310	222	-.242	.043	-.070	-.464
310	20	-.139	.018	-.078	-.198	310	134	-.216	.035	-.113	-.506	310	223	-.234	.046	-.115	-.497
310	21	-.166	.020	-.106	-.262	310	135	-.213	.036	-.091	-.466	310	224	-.217	.045	-.081	-.454
310	22	-.161	.017	-.105	-.236	310	136	-.217	.045	-.092	-.446	310	225	-.187	.027	-.097	-.287
310	23	-.147	.018	-.081	-.219	310	137	-.254	.061	-.076	-.563	310	226	-.223	.030	-.132	-.329
310	24	-.154	.019	-.077	-.228	310	138	-.314	.074	-.093	-.641	310	227	-.190	.025	-.094	-.283
310	25	-.166	.016	-.102	-.227	310	139	-.363	.086	-.105	-.804	310	228	-.104	.022	-.033	-.180
310	26	-.157	.018	-.076	-.229	310	140	-.227	.030	-.125	-.358	310	229	-.146	.025	-.063	-.241
310	27	-.161	.017	-.085	-.235	310	141	-.237	.030	-.134	-.390	310	301	-.244	.046	-.092	-.441
310	28	-.154	.016	-.095	-.207	310	142	-.270	.034	-.159	-.550	310	302	-.254	.044	-.101	-.433
310	29	-.173	.019	-.109	-.242	310	143	-.262	.043	-.105	-.571	310	303	-.221	.044	-.096	-.398
310	30	-.150	.017	-.086	-.213	310	144	-.271	.054	.141	-.506	310	304	-.249	.048	-.093	-.475
310	31	-.148	.016	-.093	-.210	310	145	-.314	.067	.210	-.655	310	305	-.226	.049	-.059	-.411
310	91	-.153	.021	-.072	-.229	310	146	-.250	.026	-.172	-.375	310	306	-.252	.046	-.116	-.512
310	92	-.146	.022	-.065	-.222	310	147	-.220	.024	-.138	-.326	310	307	-.232	.045	-.057	-.450
310	93	-.147	.029	-.017	-.245	310	148	-.200	.025	-.118	-.307	310	308	-.254	.050	-.086	-.506
310	94	-.153	.030	-.031	-.277	310	149	-.223	.026	-.136	-.348	310	309	-.238	.043	-.105	-.479
310	95	-.120	.035	.085	-.209	310	150	-.267	.033	-.172	-.420	310	310	-.237	.040	-.088	-.436
310	101	-.253	.066	-.069	-.523	310	151	-.263	.041	-.145	-.472	310	311	-.251	.050	-.067	-.478
310	102	-.322	.096	.037	-.733	310	152	-.189	.022	-.107	-.296	310	312	-.248	.054	-.044	-.516
310	103	-.453	.126	-.125	-1.172	310	153	-.202	.021	-.126	-.277	310	313	-.260	.041	-.137	-.487
310	104	-.242	.059	-.043	-.512	310	154	-.169	.018	-.091	-.235	310	314	-.231	.036	-.094	-.430
310	105	-.434	.112	-.117	-.981	310	155	-.207	.019	-.127	-.265	310	315	-.250	.031	-.136	-.369
310	106	-.243	.058	-.051	-.496	310	156	-.192	.022	-.113	-.296	310	316	-.253	.040	-.110	-.432
310	107	-.345	.079	-.049	-.715	310	157	-.212	.025	-.134	-.353	310	317	-.254	.048	-.101	-.469

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	318	-.264	.043	-.121	-.477	310	368	-.163	.024	-.091	-.275	310	542	-.309	.129	-.017	-1.074
310	319	-.258	.037	-.124	-.421	310	369	-.200	.023	-.131	-.293	310	543	-.249	.091	-.083	-.776
310	320	-.231	.046	-.107	-.442	310	370	-.140	.020	-.080	-.212	310	544	-.161	.042	-.046	-.435
310	321	-.234	.035	-.135	-.405	310	371	-.180	.022	-.106	-.284	310	545	-.179	.029	-.084	-.369
310	322	-.223	.034	-.124	-.421	310	372	-.148	.022	-.076	-.255	310	546	-.160	.026	-.071	-.296
310	323	-.228	.032	-.127	-.368	310	373	-.212	.034	-.124	-.430	310	547	-.208	.021	-.142	-.303
310	324	-.241	.030	-.141	-.337	310	374	-.159	.027	-.057	-.312	310	548	-.234	.081	-.024	-.741
310	325	-.232	.031	-.123	-.368	310	375	-.176	.018	-.116	-.244	310	549	-.220	.072	-.033	-.683
310	326	-.221	.035	-.101	-.381	310	376	-.144	.018	-.081	-.212	310	550	-.142	.039	-.032	-.352
310	327	-.226	.036	-.103	-.458	310	377	-.184	.020	-.116	-.268	310	551	-.169	.026	-.078	-.301
310	328	-.234	.034	-.118	-.419	310	501	-.393	.110	-.100	-1.047	310	552	-.168	.025	-.072	-.264
310	329	-.229	.035	-.114	-.438	310	502	-.385	.088	-.135	-.826	310	553	-.176	.024	-.087	-.266
310	330	-.215	.031	-.103	-.393	310	503	-.351	.081	-.050	-.775	310	554	-.201	.029	-.114	-.325
310	331	-.220	.029	-.124	-.333	310	504	-.301	.079	-.037	-.658	310	555	-.188	.059	-.039	-.489
310	332	-.236	.033	-.139	-.394	310	505	-.279	.073	-.054	-.593	310	556	-.173	.049	-.041	-.511
310	333	-.229	.034	-.119	-.457	310	506	-.424	.112	-.173	-1.066	310	557	-.155	.028	-.055	-.309
310	334	-.218	.035	-.101	-.450	310	507	-.274	.073	-.065	-.614	310	558	-.165	.023	-.079	-.280
310	335	-.216	.035	-.103	-.394	310	508	-.467	.144	-.141	-1.247	310	559	-.154	.020	-.082	-.270
310	336	-.232	.035	-.123	-.415	310	509	-.411	.110	-.112	-.864	310	560	-.164	.017	-.107	-.222
310	337	-.232	.026	-.145	-.329	310	510	-.375	.090	-.101	-.785	310	561	-.167	.021	-.092	-.253
310	338	-.210	.024	-.129	-.306	310	511	-.294	.063	-.071	-.572	310	562	-.169	.029	-.079	-.348
310	339	-.218	.029	-.122	-.342	310	512	-.311	.062	-.115	-.669	310	563	-.149	.024	-.067	-.268
310	340	-.234	.034	-.127	-.401	310	514	-.408	.128	-.057	-1.004	310	564	-.151	.021	-.072	-.253
310	341	-.225	.035	-.109	-.370	310	515	-.256	.062	-.022	-.540	310	565	-.148	.019	-.089	-.229
310	342	-.204	.031	-.110	-.348	310	516	-.219	.052	-.054	-.446	310	566	-.160	.018	-.098	-.222
310	343	-.211	.035	-.103	-.370	310	517	-.558	.172	-.098	-1.221	310	567	-.150	.018	-.074	-.201
310	344	-.228	.033	-.132	-.378	310	518	-.314	.096	-.023	-.932	310	568	-.159	.018	-.105	-.215
310	345	-.212	.026	-.126	-.316	310	519	-.265	.053	-.104	-.540	310	569	-.145	.018	-.076	-.200
310	346	-.200	.029	-.110	-.344	310	520	-.607	.191	-.140	-1.359	310	570	-.158	.020	-.093	-.253
310	347	-.208	.034	-.113	-.370	310	521	-.411	.135	-.024	-.975	310	571	-.148	.017	-.090	-.204
310	348	-.222	.036	-.118	-.396	310	522	-.365	.102	-.091	-.800	310	572	-.151	.015	-.107	-.199
310	349	-.202	.032	-.111	-.382	310	523	-.328	.078	-.078	-.700	310	573	-.148	.016	-.097	-.195
310	350	-.194	.032	-.098	-.388	310	524	-.221	.064	-.030	-.561	310	574	-.162	.018	-.100	-.224
310	351	-.199	.030	-.115	-.354	310	525	-.251	.045	-.089	-.490	310	575	-.147	.017	-.092	-.207
310	352	-.202	.023	-.134	-.309	310	526	-.211	.040	-.091	-.453	310	576	-.153	.017	-.092	-.210
310	353	-.186	.034	-.092	-.405	310	527	-.565	.149	-.196	-1.479	310	577	-.152	.018	-.089	-.208
310	354	-.229	.040	-.132	-.454	310	528	-.519	.145	-.083	-1.115	310	578	-.165	.017	-.108	-.219
310	355	-.216	.040	-.119	-.474	310	529	-.411	.111	-.082	-.851	310	579	-.148	.016	-.090	-.199
310	356	-.166	.028	-.086	-.308	310	530	-.272	.077	-.027	-.640	310	580	-.148	.017	-.082	-.197
310	357	-.208	.028	-.134	-.336	310	531	-.267	.053	-.086	-.563	310	701	-.061	.158	.865	-.441
310	358	-.163	.026	-.082	-.297	310	532	-.221	.043	-.103	-.485	310	702	-.154	.154	.589	-.608
310	359	-.198	.022	-.124	-.284	310	533	-.240	.040	-.132	-.574	310	703	-.073	.144	.801	-.374
310	360	-.163	.024	-.088	-.272	310	534	-.454	.148	-.118	-1.187	310	704	-.056	.138	.631	-.517
310	361	-.211	.035	-.119	-.427	310	535	-.489	.155	-.066	-1.136	310	705	-.164	.149	.579	-.715
310	362	-.168	.037	-.065	-.417	310	536	-.382	.138	-.044	-1.164	310	706	-.009	.116	.447	-.390
310	363	-.197	.030	-.108	-.367	310	537	-.275	.090	-.054	-.891	310	707	-.169	.129	.589	-.557
310	364	-.158	.023	-.088	-.260	310	538	-.189	.021	-.135	-.276	310	708	-.041	.111	.433	-.487
310	365	-.193	.024	-.121	-.323	310	539	-.222	.040	-.110	-.436	310	709	-.160	.125	.578	-.617
310	366	-.158	.026	-.072	-.287	310	540	-.229	.036	-.105	-.396	310	710	-.013	.106	.430	-.358
310	367	-.200	.027	-.116	-.341	310	541	-.384	.134	-.074	-1.122	310	711	-.089	.132	.395	-.705

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
310	712	-.188	.126	.243	-.815	310	833	-.062	.073	.317	-.296	310	913	-.326	.068	-.027	-.688
310	713	-.015	.117	.433	-.595	310	834	-.017	.062	.236	-.188	310	914	-.341	.082	-.105	-.751
310	714	-.166	.115	.374	-.594	310	835	.058	.094	.535	-.151	310	915	-.347	.080	-.048	-.713
310	715	-.131	.129	.436	-.535	310	836	.089	.117	.594	-.155	310	916	-.300	.099	.035	-.820
310	716	-.230	.129	.395	-.749	310	837	.070	.123	.640	-.238	320	1	-.149	.024	-.043	-.229
310	717	-.152	.117	.273	-.546	310	838	-.004	.114	.490	-.317	320	2	-.121	.020	-.038	-.189
310	718	-.192	.127	.332	-.612	310	839	-.136	.055	.121	-.301	320	3	-.145	.017	-.064	-.205
310	719	-.221	.117	.326	-.638	310	840	-.099	.059	.340	-.239	320	4	-.103	.018	-.026	-.168
310	720	-.174	.070	.133	-.444	310	841	-.059	.057	.305	-.207	320	5	-.152	.024	-.049	-.237
310	721	-.213	.071	.095	-.687	310	842	-.052	.081	.370	-.271	320	6	-.119	.018	-.037	-.179
310	722	-.187	.042	-.025	-.404	310	843	-.009	.069	.371	-.206	320	7	-.147	.025	-.039	-.273
310	723	-.179	.051	.007	-.398	310	844	-.108	.076	.249	-.319	320	8	-.152	.021	-.071	-.241
310	724	-.135	.044	.097	-.314	310	845	-.174	.041	.007	-.323	320	9	-.160	.017	-.097	-.208
310	725	-.135	.027	-.014	-.212	310	846	-.113	.040	.042	-.263	320	10	-.166	.019	-.097	-.247
310	726	-.159	.026	-.031	-.257	310	847	-.113	.035	.040	-.246	320	11	-.116	.018	-.041	-.179
310	727	-.165	.024	-.049	-.244	310	848	-.095	.054	.158	-.280	320	12	-.148	.017	-.083	-.223
310	728	-.117	.025	-.023	-.511	310	849	-.080	.069	.226	-.297	320	13	-.088	.018	-.012	-.150
310	729	-.146	.027	.138	-.218	310	850	-.161	.030	-.007	-.266	320	14	-.138	.021	-.066	-.217
310	801	-.003	.112	.521	-.319	310	851	-.064	.069	.198	-.281	320	15	-.155	.025	-.034	-.237
310	802	.033	.096	.483	-.314	310	852	-.161	.030	-.021	-.314	320	16	-.120	.019	-.046	-.177
310	803	-.009	.087	.463	-.337	310	853	-.140	.037	.005	-.277	320	17	-.125	.020	-.048	-.218
310	804	.007	.093	.567	-.258	310	854	-.103	.061	.124	-.310	320	18	-.098	.017	-.035	-.157
310	805	-.070	.097	.438	-.337	310	855	-.087	.047	.125	-.226	320	19	-.139	.026	.004	-.267
310	806	.022	.108	.569	-.363	310	856	-.118	.062	.122	-.322	320	20	-.136	.021	-.059	-.214
310	807	-.028	.098	.447	-.329	310	857	-.162	.025	-.074	-.264	320	21	-.166	.024	-.085	-.273
310	808	-.081	.100	.558	-.350	310	858	-.143	.028	-.043	-.251	320	22	-.161	.018	-.105	-.239
310	809	-.030	.097	.533	-.279	310	859	-.118	.025	-.028	-.196	320	23	-.147	.019	-.079	-.218
310	810	.005	.089	.471	-.233	310	860	-.148	.035	.047	-.262	320	24	-.151	.022	-.051	-.219
310	811	-.044	.120	.579	-.408	310	861	-.131	.050	.134	-.292	320	25	-.162	.019	-.069	-.226
310	812	-.178	.121	.359	-.642	310	862	-.152	.023	-.055	-.240	320	26	-.152	.020	-.071	-.217
310	813	.060	.095	.516	-.266	310	863	-.099	.046	.107	-.253	320	27	-.158	.019	-.070	-.226
310	814	.084	.103	.511	-.279	310	864	-.158	.024	-.062	-.241	320	28	-.154	.016	-.097	-.206
310	815	.149	.107	.635	-.177	310	865	-.088	.030	.033	-.173	320	29	-.162	.021	-.088	-.246
310	816	.095	.112	.602	-.259	310	866	-.142	.030	-.028	-.229	320	30	-.149	.018	-.088	-.217
310	817	.037	.097	.488	-.253	310	867	-.120	.033	.055	-.271	320	31	-.145	.016	-.085	-.198
310	818	-.066	.100	.517	-.362	310	868	-.120	.039	.046	-.246	320	91	-.148	.021	-.069	-.223
310	819	.039	.101	.450	-.276	310	869	-.124	.028	.029	-.223	320	92	-.144	.027	-.054	-.298
310	820	-.149	.154	.511	-.831	310	870	-.141	.026	-.046	-.284	320	93	-.150	.028	-.046	-.259
310	821	-.009	.079	.327	-.233	310	901	-.085	.126	.649	-.500	320	94	-.172	.038	-.063	-.377
310	822	.055	.092	.427	-.213	310	902	.001	.083	.499	-.243	320	95	-.107	.042	.092	-.220
310	823	.096	.093	.492	-.210	310	903	-.005	.105	.569	-.385	320	101	-.234	.061	-.054	-.515
310	824	.104	.105	.629	-.202	310	904	-.259	.041	-.150	-.507	320	102	-.304	.101	.049	-.866
310	825	.091	.118	.673	-.296	310	905	-.257	.035	-.117	-.428	320	103	-.437	.155	.041	-1.646
310	826	.034	.130	.535	-.458	310	906	-.225	.043	-.082	-.492	320	104	-.228	.062	.023	-.558
310	827	.024	.088	.465	-.248	310	907	-.199	.158	.555	-.709	320	105	-.429	.137	.086	-1.160
310	828	.048	.088	.466	-.210	310	908	.006	.087	.460	-.236	320	106	-.222	.056	-.026	-.574
310	829	.183	.110	.621	-.106	310	909	-.043	.091	.493	-.321	320	107	-.308	.086	.119	-.819
310	830	.131	.104	.557	-.150	310	910	-.255	.040	-.122	-.499	320	108	-.381	.107	.116	-.895
310	831	.105	.118	.553	-.233	310	911	-.245	.037	-.114	-.445	320	109	-.230	.050	-.044	-.573
310	832	.021	.114	.433	-.338	310	912	-.254	.048	-.106	-.469	320	110	-.253	.057	-.058	-.592

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	111	-.351	.110	.144	-.803	320	161	-.198	.021	-.107	-.260	320	321	-.231	.034	-.122	-.415
320	112	-.421	.123	.056	-1.060	320	201	-.122	.135	.437	-.527	320	322	-.218	.032	-.121	-.418
320	113	-.228	.048	-.037	-.476	320	202	-.176	.130	.413	-.585	320	323	-.218	.030	-.122	-.346
320	114	-.216	.065	.061	-.493	320	203	-.148	.132	.431	-.607	320	324	-.232	.029	-.140	-.341
320	115	-.398	.112	.020	-1.137	320	204	-.089	.131	.592	-.410	320	325	-.225	.031	-.124	-.374
320	116	-.216	.038	-.050	-.392	320	205	-.104	.119	.455	-.449	320	326	-.215	.034	-.094	-.415
320	117	-.219	.044	.037	-.389	320	206	-.089	.126	.478	-.678	320	327	-.217	.035	-.108	-.384
320	118	-.228	.055	.108	-.532	320	207	-.102	.112	.422	-.450	320	328	-.234	.033	-.126	-.371
320	119	-.288	.088	.173	-.797	320	208	-.091	.112	.544	-.471	320	329	-.224	.033	-.107	-.351
320	120	-.340	.098	.213	-.891	320	209	-.108	.107	.352	-.464	320	330	-.210	.029	-.106	-.325
320	121	-.469	.149	.242	-1.175	320	210	-.077	.101	.405	-.437	320	331	-.210	.027	-.103	-.317
320	122	-.218	.034	-.035	-.379	320	211	-.116	.102	.360	-.467	320	332	-.228	.030	-.128	-.350
320	123	-.214	.038	.047	-.407	320	212	-.130	.096	.216	-.485	320	333	-.221	.031	-.114	-.351
320	124	-.225	.052	.022	-.477	320	213	-.065	.100	.400	-.349	320	334	-.210	.032	-.092	-.334
320	125	-.276	.072	.020	-.623	320	214	-.128	.098	.251	-.546	320	335	-.208	.030	-.094	-.355
320	126	-.371	.096	.015	-.874	320	215	-.095	.119	.380	-.686	320	336	-.224	.029	-.133	-.366
320	127	-.412	.102	-.064	-1.104	320	216	-.129	.103	.304	-.645	320	337	-.215	.024	-.131	-.305
320	128	-.204	.030	-.092	-.345	320	217	-.089	.112	.480	-.458	320	338	-.202	.023	-.121	-.284
320	129	-.208	.035	-.061	-.396	320	218	-.205	.111	.331	-.608	320	339	-.204	.026	-.118	-.329
320	130	-.212	.046	-.025	-.424	320	219	-.179	.099	.274	-.559	320	340	-.222	.030	-.135	-.519
320	131	-.256	.071	-.008	-.550	320	220	-.174	.065	.238	-.406	320	341	-.212	.032	-.129	-.448
320	132	-.334	.091	.005	-.782	320	221	-.212	.059	.138	-.473	320	342	-.198	.025	-.121	-.303
320	133	-.380	.097	.027	-.946	320	222	-.236	.034	-.062	-.404	320	343	-.201	.028	-.115	-.329
320	134	-.196	.027	-.093	-.349	320	223	-.213	.032	-.089	-.419	320	344	-.219	.026	-.147	-.343
320	135	-.189	.028	-.088	-.349	320	224	-.198	.031	-.089	-.336	320	345	-.207	.023	-.133	-.299
320	136	-.182	.039	-.047	-.454	320	225	-.177	.027	-.010	-.278	320	346	-.192	.024	-.113	-.308
320	137	-.212	.056	-.046	-.537	320	226	-.204	.029	-.043	-.302	320	347	-.196	.027	-.118	-.339
320	138	-.283	.085	-.040	-.733	320	227	-.180	.026	-.018	-.262	320	348	-.211	.029	-.119	-.434
320	139	-.340	.096	-.076	-.920	320	228	-.088	.024	.028	-.158	320	349	-.202	.029	-.107	-.384
320	140	-.209	.026	-.122	-.341	320	229	-.129	.022	-.051	-.203	320	350	-.191	.028	-.109	-.380
320	141	-.221	.026	-.133	-.339	320	301	-.239	.045	-.113	-.492	320	351	-.195	.027	-.101	-.367
320	142	-.246	.032	-.118	-.377	320	302	-.233	.041	-.119	-.416	320	352	-.200	.021	-.135	-.295
320	143	-.230	.041	-.063	-.414	320	303	-.208	.040	-.061	-.364	320	353	-.173	.027	-.077	-.280
320	144	-.246	.057	-.019	-.645	320	304	-.224	.041	-.071	-.385	320	354	-.213	.031	-.121	-.399
320	145	-.296	.073	.022	-.631	320	305	-.220	.044	-.081	-.464	320	355	-.197	.029	-.106	-.380
320	146	-.254	.027	-.156	-.366	320	306	-.235	.044	-.106	-.443	320	356	-.171	.028	-.094	-.307
320	147	-.222	.026	-.109	-.325	320	307	-.224	.044	-.095	-.412	320	357	-.210	.029	-.124	-.344
320	148	-.208	.026	-.102	-.318	320	308	-.245	.047	-.093	-.477	320	358	-.160	.026	-.075	-.307
320	149	-.233	.028	-.136	-.333	320	309	-.227	.040	-.109	-.453	320	359	-.197	.022	-.121	-.310
320	150	-.280	.034	-.151	-.433	320	310	-.224	.041	-.095	-.457	320	360	-.171	.026	-.096	-.353
320	151	-.270	.042	-.140	-.437	320	311	-.230	.044	-.091	-.522	320	361	-.216	.033	-.111	-.410
320	152	-.195	.022	-.122	-.290	320	312	-.233	.047	-.075	-.536	320	362	-.170	.034	-.077	-.354
320	153	-.208	.021	-.117	-.302	320	313	-.239	.038	-.122	-.458	320	363	-.192	.023	-.124	-.287
320	154	-.166	.021	-.090	-.234	320	314	-.224	.034	-.121	-.422	320	364	-.155	.021	-.091	-.228
320	155	-.214	.021	-.127	-.300	320	315	-.222	.032	-.113	-.482	320	365	-.209	.041	-.111	-.463
320	156	-.192	.024	-.109	-.279	320	316	-.239	.036	-.127	-.417	320	366	-.156	.023	-.085	-.245
320	157	-.212	.027	-.128	-.318	320	317	-.236	.045	-.088	-.530	320	367	-.198	.023	-.129	-.279
320	158	-.226	.023	-.132	-.347	320	318	-.247	.039	-.121	-.402	320	368	-.163	.022	-.081	-.251
320	159	-.200	.022	-.109	-.315	320	319	-.241	.035	-.115	-.412	320	369	-.197	.021	-.126	-.265
320	160	-.184	.022	-.097	-.261	320	320	-.216	.046	-.057	-.520	320	370	-.144	.023	-.075	-.257

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	371	-.192	.030	-.111	-.389	320	545	-.199	.035	-.095	-.414	320	715	-.080	.108	.569	-.468
320	372	-.159	.032	-.079	-.424	320	546	-.166	.029	-.050	-.347	320	716	-.099	.119	.504	-.530
320	373	-.205	.028	-.126	-.405	320	547	-.209	.021	-.128	-.317	320	717	-.080	.100	.341	-.457
320	374	-.161	.024	-.080	-.262	320	548	-.248	.078	-.012	-.763	320	718	-.077	.121	.365	-.577
320	375	-.178	.020	-.101	-.252	320	549	-.244	.075	-.046	-.824	320	719	-.105	.113	.361	-.560
320	376	-.149	.022	-.086	-.274	320	550	-.167	.052	-.025	-.548	320	720	-.122	.064	.192	-.354
320	377	-.190	.026	-.111	-.339	320	551	-.185	.032	-.079	-.470	320	721	-.145	.067	.184	-.442
320	501	-.330	.080	-.111	-.743	320	552	-.180	.025	-.082	-.296	320	722	-.177	.046	-.032	-.481
320	502	-.350	.083	-.136	-.795	320	553	-.180	.024	-.096	-.294	320	723	-.156	.037	.092	-.332
320	503	-.337	.085	-.131	-.842	320	554	-.234	.025	-.150	-.341	320	724	-.131	.044	.059	-.391
320	504	-.297	.078	-.072	-.785	320	555	-.216	.054	-.076	-.516	320	725	-.129	.027	.006	-.216
320	505	-.280	.079	-.046	-.873	320	556	-.182	.045	-.085	-.502	320	726	-.149	.029	-.015	-.255
320	506	-.355	.078	-.149	-.740	320	557	-.176	.030	-.093	-.359	320	727	-.154	.028	-.033	-.257
320	507	-.277	.076	-.072	-.669	320	558	-.213	.023	-.144	-.309	320	728	-.112	.024	-.013	-.185
320	508	-.369	.102	-.123	-.823	320	559	-.168	.020	-.091	-.252	320	729	-.139	.027	-.008	-.219
320	509	-.350	.089	-.151	-.751	320	560	-.156	.016	-.097	-.214	320	801	.029	.146	.752	-.326
320	510	-.327	.075	-.124	-.646	320	561	-.169	.020	-.104	-.242	320	802	.040	.132	.809	-.278
320	511	-.280	.058	-.121	-.634	320	562	-.228	.031	-.144	-.397	320	803	-.012	.106	.503	-.315
320	512	-.287	.066	-.128	-.776	320	563	-.178	.027	-.106	-.325	320	804	-.053	.086	.328	-.375
320	514	-.371	.110	-.069	-.960	320	564	-.154	.023	-.065	-.256	320	805	-.107	.079	.237	-.478
320	515	-.246	.060	-.070	-.528	320	565	-.162	.021	-.088	-.242	320	806	.051	.131	.637	-.264
320	516	-.210	.055	-.063	-.526	320	566	-.211	.020	-.144	-.275	320	807	-.072	.083	.212	-.398
320	517	-.464	.138	-.115	-1.155	320	567	-.165	.018	-.101	-.232	320	808	-.014	.134	.676	-.459
320	518	-.303	.091	-.060	-.776	320	568	-.152	.018	-.097	-.219	320	809	.017	.137	.741	-.253
320	519	-.252	.055	-.088	-.563	320	569	-.152	.019	-.091	-.218	320	810	.011	.114	.658	-.318
320	520	-.483	.161	-.108	-1.225	320	570	-.199	.019	-.144	-.264	320	811	-.058	.088	.404	-.351
320	521	-.356	.117	-.053	-.926	320	571	-.166	.018	-.109	-.217	320	812	-.178	.087	.188	-.551
320	522	-.328	.091	-.092	-.744	320	572	-.147	.016	-.077	-.196	320	813	.042	.106	.748	-.288
320	523	-.314	.073	-.106	-.790	320	573	-.156	.017	-.083	-.210	320	814	.054	.106	.777	-.330
320	524	-.209	.059	-.051	-.493	320	574	-.202	.020	-.131	-.261	320	815	.054	.098	.654	-.225
320	525	-.242	.045	-.080	-.528	320	575	-.161	.018	-.094	-.217	320	816	-.004	.092	.460	-.261
320	526	-.200	.042	-.067	-.473	320	576	-.149	.018	-.080	-.209	320	817	-.053	.082	.230	-.328
320	527	-.466	.133	-.155	-1.087	320	577	-.160	.018	-.088	-.226	320	818	-.020	.110	.542	-.401
320	528	-.422	.119	-.106	-.879	320	578	-.207	.017	-.139	-.280	320	819	.032	.098	.589	-.276
320	529	-.363	.094	-.113	-.888	320	579	-.163	.016	-.104	-.235	320	820	-.171	.100	.278	-.564
320	530	-.266	.073	-.067	-.761	320	580	-.146	.017	-.095	-.209	320	821	.015	.088	.543	-.386
320	531	-.262	.054	-.088	-.704	320	701	.055	.163	.905	-.378	320	822	.049	.102	.533	-.288
320	532	-.210	.041	-.088	-.501	320	702	-.075	.158	.648	-.685	320	823	.059	.087	.517	-.301
320	533	-.232	.042	-.118	-.549	320	703	.127	.164	.982	-.497	320	824	.038	.092	.407	-.276
320	534	-.385	.125	-.094	-.972	320	704	-.032	.153	.687	-.453	320	825	.011	.095	.434	-.319
320	535	-.418	.127	-.096	-1.065	320	705	-.075	.160	.645	-.516	320	826	-.027	.110	.487	-.389
320	536	-.321	.104	-.034	-.795	320	706	.012	.116	.537	-.435	320	827	.043	.097	.512	-.254
320	537	-.266	.073	-.036	-.577	320	707	-.070	.131	.644	-.478	320	828	.022	.087	.576	-.203
320	538	-.192	.019	-.139	-.278	320	708	-.043	.114	.579	-.360	320	829	.123	.096	.542	-.229
320	539	-.222	.039	-.096	-.411	320	709	-.084	.129	.530	-.407	320	830	.058	.094	.564	-.189
320	540	-.206	.039	-.099	-.450	320	710	-.005	.099	.452	-.299	320	831	.032	.103	.524	-.243
320	541	-.344	.099	-.100	-1.005	320	711	-.037	.116	.419	-.362	320	832	-.046	.100	.360	-.364
320	542	-.291	.096	-.072	-.875	320	712	-.091	.108	.388	-.462	320	833	-.029	.083	.479	-.233
320	543	-.274	.079	-.091	-.713	320	713	-.033	.100	.355	-.340	320	834	-.021	.062	.343	-.168
320	544	-.192	.051	-.069	-.491	320	714	-.075	.101	.362	-.461	320	835	.006	.071	.358	-.182

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
320	836	-.004	.091	.534	-.200	320	916	-.297	.099	-.015	-.847	330	114	-.178	.088	.251	-.522
320	837	-.018	.106	.471	-.267	330	1	-.143	.026	-.009	-.228	330	115	-.315	.131	.271	-.800
320	838	-.082	.106	.353	-.372	330	2	-.121	.019	-.038	-.215	330	116	-.205	.044	-.022	-.367
320	839	-.071	.067	.323	-.263	330	3	-.145	.019	-.056	-.208	330	117	-.198	.055	.052	-.399
320	840	-.097	.053	.174	-.267	330	4	-.103	.018	-.026	-.161	330	118	-.195	.069	.186	-.497
320	841	-.070	.057	.260	-.212	330	5	-.144	.026	-.032	-.235	330	119	-.229	.100	.336	-.638
320	842	-.003	.122	.549	-.267	330	6	-.115	.018	-.049	-.178	330	120	-.263	.117	.313	-.716
320	843	.027	.095	.483	-.204	330	7	-.139	.027	-.032	-.243	330	121	-.356	.161	.384	-1.010
320	844	-.066	.113	.374	-.384	330	8	-.147	.022	-.059	-.228	330	122	-.203	.043	.002	-.450
320	845	-.167	.048	.060	-.416	330	9	-.167	.017	-.099	-.230	330	123	-.192	.052	.071	-.494
320	846	-.114	.043	.126	-.247	330	10	-.175	.021	-.097	-.277	330	124	-.185	.067	.180	-.399
320	847	-.109	.037	.027	-.254	330	11	-.114	.018	-.048	-.178	330	125	-.215	.094	.219	-.544
320	848	-.096	.066	.245	-.250	330	12	-.146	.019	-.080	-.204	330	126	-.278	.118	.278	-.745
320	849	-.080	.090	.383	-.298	330	13	-.087	.017	-.005	-.151	330	127	-.309	.119	.327	-.741
320	850	-.162	.033	.039	-.305	330	14	-.137	.021	-.068	-.208	330	128	-.195	.034	-.012	-.357
320	851	-.062	.092	.398	-.319	330	15	-.138	.029	.019	-.231	330	129	-.193	.041	.062	-.369
320	852	-.164	.032	.052	-.294	330	16	-.120	.018	-.049	-.194	330	130	-.190	.055	.065	-.437
320	853	-.148	.040	.091	-.308	330	17	-.126	.020	-.034	-.224	330	131	-.219	.078	.138	-.533
320	854	-.121	.070	.243	-.349	330	18	-.097	.016	-.028	-.156	330	132	-.265	.091	.135	-.603
320	855	-.098	.050	.184	-.292	330	19	-.127	.027	-.008	-.207	330	133	-.302	.095	.144	-.681
320	856	-.138	.072	.206	-.379	330	20	-.130	.021	-.037	-.206	330	134	-.187	.027	-.077	-.303
320	857	-.155	.030	-.038	-.346	330	21	-.162	.023	-.082	-.257	330	135	-.179	.029	-.068	-.288
320	858	-.138	.033	.032	-.257	330	22	-.159	.019	-.100	-.216	330	136	-.172	.038	-.037	-.308
320	859	-.111	.029	.037	-.232	330	23	-.146	.019	-.078	-.210	330	137	-.191	.052	-.018	-.462
320	860	-.149	.038	.098	-.306	330	24	-.148	.023	.012	-.216	330	138	-.234	.070	.002	-.614
320	861	-.143	.055	.194	-.336	330	25	-.168	.020	-.068	-.241	330	139	-.266	.079	-.016	-.655
320	862	-.143	.027	-.048	-.236	330	26	-.152	.021	-.026	-.232	330	140	-.208	.025	-.117	-.481
320	863	-.111	.056	.179	-.294	330	27	-.163	.020	-.067	-.241	330	141	-.223	.025	-.115	-.382
320	864	-.148	.028	-.049	-.237	330	28	-.160	.017	-.092	-.221	330	142	-.217	.035	-.083	-.360
320	865	-.078	.034	.093	-.168	330	29	-.157	.020	-.079	-.242	330	143	-.218	.040	-.069	-.380
320	866	-.138	.034	.030	-.255	330	30	-.155	.017	-.068	-.211	330	144	-.215	.052	-.014	-.499
320	867	-.146	.032	.025	-.250	330	31	-.153	.017	-.087	-.203	330	145	-.261	.064	-.010	-.562
320	868	-.153	.037	.110	-.280	330	91	-.154	.022	-.067	-.241	330	146	-.252	.027	-.156	-.393
320	869	-.146	.028	.008	-.289	330	92	-.149	.028	-.060	-.283	330	147	-.222	.026	-.110	-.331
320	870	-.128	.026	-.004	-.235	330	93	-.155	.030	.001	-.279	330	148	-.192	.025	-.079	-.287
320	901	-.045	.130	.647	-.439	330	94	-.177	.041	-.021	-.396	330	149	-.217	.027	-.107	-.327
320	902	.020	.103	.730	-.230	330	95	-.103	.044	.115	-.221	330	150	-.249	.031	-.132	-.398
320	903	-.039	.085	.468	-.291	330	101	-.214	.072	.107	-.539	330	151	-.246	.038	-.130	-.451
320	904	-.242	.036	-.106	-.401	330	102	-.240	.110	.259	-.565	330	152	-.183	.022	-.102	-.267
320	905	-.242	.033	-.134	-.389	330	103	-.307	.131	.463	-.766	330	153	-.199	.022	-.118	-.277
320	906	-.214	.042	-.085	-.418	330	104	-.204	.072	.123	-.561	330	154	-.165	.020	-.102	-.231
320	907	-.093	.152	.642	-.580	330	105	-.329	.136	.348	-.913	330	155	-.205	.022	-.125	-.283
320	908	.029	.118	.712	-.240	330	106	-.198	.066	.063	-.536	330	156	-.184	.025	-.081	-.295
320	909	-.062	.081	.460	-.286	330	107	-.244	.099	.190	-.643	330	157	-.205	.028	-.099	-.351
320	910	-.241	.038	-.117	-.424	330	108	-.303	.125	.284	-.765	330	158	-.218	.024	-.124	-.317
320	911	-.229	.039	-.104	-.442	330	109	-.204	.055	.033	-.474	330	159	-.199	.021	-.115	-.285
320	912	-.239	.044	-.093	-.455	330	110	-.217	.067	.091	-.533	330	160	-.179	.022	-.099	-.262
320	913	-.327	.087	-.076	-.789	330	111	-.252	.125	.374	-.856	330	161	-.200	.022	-.126	-.282
320	914	-.332	.096	-.005	-.780	330	112	-.312	.129	.431	-.767	330	201	-.154	.105	.418	-.513
320	915	-.348	.085	-.104	-.776	330	113	-.208	.059	.078	-.456	330	202	-.184	.120	.612	-.789

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPNEAN	CPRMS	CPMAX	CPMIN
330	203	-.165	.112	.498	-.557	330	324	-.235	.034	-.107	-.401	330	374	-.152	.023	-.074	-.246
330	204	-.132	.093	.295	-.435	330	325	-.230	.040	-.086	-.450	330	375	-.171	.022	-.078	-.251
330	205	-.122	.108	.481	-.470	330	326	-.218	.042	-.066	-.446	330	376	-.150	.026	-.060	-.320
330	206	-.103	.107	.488	-.484	330	327	-.218	.042	-.068	-.437	330	377	-.188	.032	-.087	-.373
330	207	-.113	.097	.368	-.450	330	328	-.244	.040	-.119	-.429	330	501	-.293	.077	-.084	-.753
330	208	-.108	.101	.522	-.449	330	329	-.230	.037	-.098	-.388	330	502	-.315	.079	-.134	-.809
330	209	-.119	.101	.331	-.471	330	330	-.214	.032	-.092	-.363	330	503	-.308	.078	-.129	-.750
330	210	-.087	.093	.382	-.421	330	331	-.212	.032	-.103	-.407	330	504	-.284	.071	-.034	-.710
330	211	-.130	.095	.294	-.509	330	332	-.232	.036	-.116	-.433	330	505	-.271	.070	-.083	-.632
330	212	-.139	.090	.256	-.537	330	333	-.222	.035	-.105	-.376	330	506	-.317	.077	-.074	-.699
330	213	-.079	.093	.370	-.377	330	334	-.211	.036	-.087	-.365	330	507	-.269	.074	-.061	-.665
330	214	-.127	.095	.310	-.522	330	335	-.213	.034	-.084	-.359	330	508	-.323	.089	-.085	-.852
330	215	-.119	.104	.264	-.487	330	336	-.228	.033	-.102	-.355	330	509	-.313	.075	-.139	-.673
330	216	-.144	.092	.211	-.479	330	337	-.211	.027	-.095	-.332	330	510	-.308	.074	-.129	-.645
330	217	-.127	.092	.236	-.446	330	338	-.201	.025	-.083	-.301	330	511	-.282	.060	-.100	-.531
330	218	-.214	.099	.191	-.570	330	339	-.202	.029	-.075	-.345	330	512	-.296	.067	-.125	-.661
330	219	-.195	.089	.171	-.533	330	340	-.220	.030	-.082	-.368	330	514	-.319	.088	-.081	-.891
330	220	-.165	.071	.179	-.468	330	341	-.214	.034	-.107	-.376	330	515	-.248	.059	-.067	-.500
330	221	-.202	.068	.117	-.472	330	342	-.207	.031	-.099	-.401	330	516	-.217	.056	-.051	-.540
330	222	-.208	.037	-.051	-.401	330	343	-.209	.034	-.101	-.428	330	517	-.366	.106	-.092	-.829
330	223	-.211	.033	-.061	-.400	330	344	-.225	.030	-.137	-.408	330	518	-.285	.081	-.083	-.681
330	224	-.194	.033	-.084	-.424	330	345	-.206	.024	-.110	-.303	330	519	-.271	.056	-.100	-.554
330	225	-.176	.028	-.065	-.282	330	346	-.195	.026	-.113	-.339	330	520	-.362	.120	-.095	-1.024
330	226	-.193	.030	-.065	-.301	330	347	-.196	.028	-.103	-.324	330	521	-.320	.098	-.043	-.758
330	227	-.179	.026	-.079	-.278	330	348	-.213	.028	-.123	-.352	330	522	-.285	.077	-.066	-.624
330	228	-.097	.024	-.021	-.169	330	349	-.214	.038	-.098	-.376	330	523	-.304	.069	-.110	-.690
330	229	-.132	.024	-.023	-.214	330	350	-.203	.038	-.092	-.375	330	524	-.222	.063	-.044	-.512
330	301	-.245	.051	-.110	-.517	330	351	-.196	.030	-.103	-.338	330	525	-.252	.048	-.082	-.467
330	302	-.238	.047	-.103	-.525	330	352	-.208	.023	-.130	-.318	330	526	-.215	.049	-.066	-.465
330	303	-.222	.045	-.055	-.445	330	353	-.178	.027	-.078	-.350	330	527	-.375	.114	-.122	-1.181
330	304	-.233	.050	-.075	-.450	330	354	-.214	.030	-.109	-.401	330	528	-.346	.102	-.110	-.784
330	305	-.228	.051	-.048	-.520	330	355	-.197	.027	-.114	-.396	330	529	-.336	.082	-.102	-.708
330	306	-.244	.047	-.100	-.595	330	356	-.164	.027	-.068	-.295	330	530	-.263	.067	-.049	-.575
330	307	-.235	.049	-.041	-.428	330	357	-.198	.028	-.107	-.353	330	531	-.273	.057	-.107	-.528
330	308	-.247	.051	-.111	-.876	330	358	-.155	.023	-.051	-.254	330	532	-.222	.048	-.068	-.463
330	309	-.228	.045	-.096	-.826	330	359	-.201	.023	-.125	-.290	330	533	-.246	.054	-.094	-.528
330	310	-.226	.043	-.070	-.501	330	360	-.190	.030	-.093	-.340	330	534	-.347	.090	-.113	-.760
330	311	-.227	.050	-.032	-.506	330	361	-.234	.038	-.112	-.461	330	535	-.390	.096	-.151	-.853
330	312	-.228	.052	-.031	-.496	330	362	-.185	.035	-.081	-.411	330	536	-.326	.092	-.102	-.791
330	313	-.242	.041	-.101	-.476	330	363	-.190	.023	-.107	-.339	330	537	-.291	.071	-.092	-.558
330	314	-.226	.036	-.105	-.422	330	364	-.155	.022	-.080	-.248	330	538	-.212	.020	-.157	-.285
330	315	-.227	.037	-.098	-.415	330	365	-.218	.041	-.107	-.396	330	539	-.236	.044	-.098	-.474
330	316	-.245	.043	-.109	-.478	330	366	-.150	.022	-.064	-.229	330	540	-.218	.048	-.062	-.474
330	317	-.236	.045	-.070	-.414	330	367	-.189	.023	-.094	-.266	330	541	-.385	.107	-.051	-.888
330	318	-.253	.041	-.129	-.505	330	368	-.157	.021	-.083	-.233	330	542	-.327	.102	-.059	-.858
330	319	-.239	.040	-.098	-.433	330	369	-.190	.020	-.109	-.271	330	543	-.305	.085	-.071	-.741
330	320	-.212	.044	-.054	-.395	330	370	-.143	.023	-.061	-.281	330	544	-.211	.053	-.076	-.487
330	321	-.238	.039	-.105	-.393	330	371	-.194	.033	-.104	-.431	330	545	-.211	.038	-.099	-.416
330	322	-.224	.037	-.078	-.382	330	372	-.166	.034	-.073	-.413	330	546	-.180	.032	-.086	-.344
330	323	-.220	.033	-.075	-.369	330	373	-.194	.022	-.109	-.291	330	547	-.216	.024	-.134	-.330

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	548	-.278	.081	-.063	-.695	330	718	-.120	.096	.322	-.540	330	839	-.096	.049	.138	-.251
330	549	-.274	.077	-.079	-.670	330	719	-.139	.093	.328	-.561	330	840	-.101	.056	.185	-.263
330	550	-.194	.053	-.061	-.492	330	720	-.124	.059	.186	-.376	330	841	-.075	.056	.226	-.222
330	551	-.205	.038	-.095	-.381	330	721	-.153	.064	.194	-.433	330	842	-.088	.094	.396	-.280
330	552	-.191	.029	-.092	-.381	330	722	-.169	.036	-.027	-.343	330	843	-.037	.072	.446	-.185
330	553	-.194	.029	-.090	-.346	330	723	-.168	.040	-.044	-.388	330	844	-.142	.093	.238	-.409
330	554	-.246	.031	-.140	-.410	330	724	-.133	.036	-.022	-.314	330	845	-.161	.043	.050	-.436
330	555	-.243	.061	-.113	-.658	330	725	-.132	.027	-.042	-.207	330	846	-.133	.038	.105	-.267
330	556	-.202	.050	-.089	-.499	330	726	-.149	.026	-.045	-.250	330	847	-.110	.035	.081	-.247
330	557	-.195	.035	-.090	-.530	330	727	-.153	.026	-.051	-.237	330	848	-.131	.054	.182	-.281
330	558	-.230	.027	-.140	-.439	330	728	-.112	.023	-.013	-.190	330	849	-.128	.073	.203	-.308
330	559	-.178	.024	-.091	-.283	330	729	-.142	.027	-.051	-.222	330	850	-.172	.032	-.012	-.485
330	560	-.157	.018	-.104	-.230	330	801	-.057	.100	.555	-.499	330	851	-.114	.079	.261	-.393
330	561	-.171	.022	-.106	-.261	330	802	-.036	.091	.594	-.367	330	852	-.178	.030	-.002	-.322
330	562	-.182	.040	-.072	-.405	330	803	-.055	.087	.515	-.289	330	853	-.167	.035	.035	-.295
330	563	-.196	.033	-.101	-.453	330	804	-.069	.088	.476	-.342	330	854	-.154	.058	.170	-.323
330	564	-.170	.025	-.089	-.282	330	805	-.117	.079	.354	-.386	330	855	-.122	.043	.121	-.252
330	565	-.174	.022	-.106	-.289	330	806	-.030	.103	.460	-.620	330	856	-.175	.059	.130	-.358
330	566	-.152	.021	-.080	-.241	330	807	-.089	.082	.362	-.433	330	857	-.161	.026	-.065	-.288
330	567	-.172	.018	-.118	-.253	330	808	-.085	.104	.755	-.655	330	858	-.148	.029	-.032	-.275
330	568	-.156	.019	-.086	-.235	330	809	-.063	.099	.576	-.556	330	859	-.116	.026	-.025	-.240
330	569	-.160	.021	-.082	-.230	330	810	-.044	.098	.702	-.309	330	860	-.168	.031	.005	-.329
330	570	-.146	.020	-.080	-.215	330	811	-.074	.087	.421	-.312	330	861	-.171	.041	.057	-.336
330	571	-.173	.020	-.106	-.243	330	812	-.182	.081	.257	-.460	330	862	-.149	.025	-.042	-.239
330	572	-.150	.018	-.074	-.208	330	813	-.003	.088	.340	-.543	330	863	-.141	.042	.098	-.277
330	573	-.163	.019	-.077	-.220	330	814	.011	.092	.396	-.515	330	864	-.156	.027	-.033	-.250
330	574	-.144	.021	-.074	-.217	330	815	.024	.095	.495	-.332	330	865	-.081	.040	.081	-.190
330	575	-.166	.019	-.098	-.226	330	816	-.023	.094	.377	-.322	330	866	-.150	.030	-.033	-.250
330	576	-.153	.020	-.089	-.208	330	817	-.069	.079	.252	-.337	330	867	-.156	.033	.070	-.261
330	577	-.167	.020	-.101	-.222	330	818	-.070	.092	.342	-.659	330	868	-.166	.037	.066	-.309
330	578	-.141	.022	-.059	-.209	330	819	-.023	.090	.480	-.278	330	869	-.159	.028	-.032	-.266
330	579	-.169	.019	-.093	-.228	330	820	-.190	.083	.186	-.489	330	870	-.133	.028	-.019	-.241
330	580	-.150	.018	-.086	-.210	330	821	-.027	.079	.307	-.522	330	901	-.082	.107	.496	-.387
330	701	-.038	.138	.579	-.645	330	822	.012	.092	.424	-.407	330	902	-.046	.083	.398	-.555
330	702	-.129	.116	.529	-.543	330	823	.015	.078	.376	-.259	330	903	-.076	.080	.378	-.458
330	703	.036	.125	.520	-.360	330	824	-.013	.082	.380	-.281	330	904	-.248	.041	-.112	-.439
330	704	-.090	.117	.523	-.481	330	825	-.049	.083	.421	-.313	330	905	-.244	.042	-.092	-.489
330	705	-.117	.117	.464	-.624	330	826	-.067	.088	.355	-.354	330	906	-.210	.044	-.063	-.395
330	706	-.011	.102	.514	-.351	330	827	.018	.084	.416	-.483	330	907	-.141	.112	.468	-.656
330	707	-.071	.116	.388	-.475	330	828	-.003	.083	.486	-.306	330	908	-.043	.092	.471	-.368
330	708	-.076	.103	.529	-.436	330	829	.100	.088	.540	-.135	330	909	-.093	.087	.423	-.291
330	709	-.112	.102	.523	-.446	330	830	.012	.086	.377	-.202	330	910	-.246	.041	-.127	-.601
330	710	-.024	.096	.404	-.353	330	831	-.016	.087	.351	-.266	330	911	-.233	.041	-.079	-.408
330	711	-.057	.107	.468	-.396	330	832	-.089	.081	.275	-.340	330	912	-.241	.050	-.054	-.496
330	712	-.093	.102	.358	-.419	330	833	-.044	.072	.249	-.308	330	913	-.291	.068	-.054	-.746
330	713	-.039	.097	.376	-.338	330	834	-.026	.057	.234	-.161	330	914	-.296	.079	-.049	-.740
330	714	-.089	.100	.339	-.433	330	835	.016	.076	.408	-.169	330	915	-.311	.070	-.085	-.665
330	715	-.084	.095	.272	-.413	330	836	.008	.099	.594	-.227	330	916	-.271	.082	.020	-.688
330	716	-.111	.108	.373	-.511	330	837	-.023	.104	.449	-.266	340	1	-.124	.029	.045	-.209
330	717	-.117	.083	.209	-.463	330	838	-.084	.101	.349	-.332	340	2	-.102	.026	.027	-.250

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	3	-.124	.021	.003	-.187	340	117	-.097	.075	.235	-.334	340	206	.059	.156	.853	-.290
340	4	-.086	.025	.067	-.211	340	118	-.045	.098	.347	-.277	340	207	.039	.144	.691	-.289
340	5	-.122	.034	.036	-.244	340	119	-.002	.130	.482	-.432	340	208	.049	.153	.932	-.231
340	6	-.097	.024	.007	-.173	340	120	-.018	.154	.668	-.495	340	209	.052	.147	.738	-.293
340	7	-.116	.029	.044	-.200	340	121	-.043	.192	.767	-.835	340	210	.083	.153	.799	-.321
340	8	-.124	.025	-.040	-.211	340	122	-.139	.050	.112	-.312	340	211	.071	.151	.797	-.233
340	9	-.141	.023	-.013	-.225	340	123	-.101	.067	.242	-.302	340	212	.048	.137	.681	-.252
340	10	-.151	.026	-.038	-.279	340	124	-.049	.095	.381	-.324	340	213	.089	.144	.744	-.208
340	11	-.095	.023	-.012	-.202	340	125	-.014	.123	.504	-.384	340	214	.049	.130	.697	-.255
340	12	-.121	.022	-.046	-.203	340	126	-.014	.153	.624	-.499	340	215	.036	.099	.616	-.218
340	13	-.070	.022	.016	-.155	340	127	-.035	.171	.692	-.639	340	216	.012	.090	.512	-.255
340	14	-.117	.025	-.018	-.202	340	128	-.143	.042	.064	-.363	340	217	-.017	.064	.259	-.244
340	15	-.119	.036	.048	-.249	340	129	-.123	.052	.148	-.299	340	218	-.068	.064	.184	-.237
340	16	-.098	.023	.042	-.178	340	130	-.080	.069	.242	-.275	340	219	-.082	.060	.174	-.255
340	17	-.105	.025	-.007	-.214	340	131	-.061	.088	.372	-.369	340	220	-.077	.063	.341	-.297
340	18	-.078	.022	.021	-.144	340	132	-.076	.118	.346	-.660	340	221	-.113	.062	.284	-.318
340	19	-.106	.030	.004	-.195	340	133	-.108	.137	.358	-.750	340	222	-.164	.038	.051	-.312
340	20	-.108	.024	-.023	-.187	340	134	-.159	.032	-.020	-.292	340	223	-.170	.034	0.000	-.316
340	21	-.140	.025	-.044	-.248	340	135	-.144	.033	.018	-.263	340	224	-.157	.033	-.004	-.282
340	22	-.139	.023	-.035	-.219	340	136	-.120	.039	.089	-.272	340	225	-.152	.028	-.009	-.237
340	23	-.125	.023	-.030	-.200	340	137	-.116	.047	.158	-.336	340	226	-.180	.030	-.053	-.299
340	24	-.122	.027	-.018	-.213	340	138	-.142	.070	.202	-.504	340	227	-.150	.028	.003	-.225
340	25	-.143	.023	-.060	-.213	340	139	-.169	.080	.225	-.600	340	228	-.083	.025	.053	-.199
340	26	-.126	.024	-.028	-.209	340	140	-.199	.032	-.093	-.359	340	229	-.128	.027	.034	-.232
340	27	-.138	.023	-.051	-.213	340	141	-.205	.031	-.091	-.344	340	301	-.218	.049	-.068	-.546
340	28	-.133	.020	-.053	-.196	340	142	-.192	.034	-.075	-.323	340	302	-.216	.048	-.059	-.535
340	29	-.140	.023	-.058	-.218	340	143	-.173	.039	-.035	-.321	340	303	-.201	.053	-.017	-.551
340	30	-.135	.021	-.056	-.203	340	144	-.167	.055	.057	-.448	340	304	-.216	.055	-.016	-.512
340	31	-.126	.020	-.046	-.190	340	145	-.215	.071	.009	-.551	340	305	-.206	.053	-.026	-.445
340	91	-.156	.021	-.081	-.253	340	146	-.230	.040	-.085	-.461	340	306	-.215	.045	-.064	-.492
340	92	-.158	.029	-.060	-.342	340	147	-.203	.035	-.051	-.384	340	307	-.210	.051	-.064	-.487
340	93	-.156	.022	-.085	-.231	340	148	-.161	.031	-.019	-.267	340	308	-.227	.053	-.071	-.686
340	94	-.171	.032	-.071	-.337	340	149	-.185	.031	-.088	-.331	340	309	-.221	.050	-.064	-.589
340	95	-.094	.040	.149	-.195	340	150	-.213	.038	-.107	-.405	340	310	-.218	.053	-.050	-.472
340	101	-.122	.077	.280	-.362	340	151	-.227	.049	-.106	-.518	340	311	-.220	.053	-.036	-.536
340	102	-.087	.125	.486	-.570	340	152	-.166	.026	-.070	-.254	340	312	-.217	.054	-.026	-.519
340	103	-.094	.180	.612	-.768	340	153	-.179	.025	-.072	-.269	340	313	-.225	.050	-.090	-.617
340	104	-.103	.081	.212	-.419	340	154	-.139	.024	-.039	-.227	340	314	-.211	.046	-.075	-.531
340	105	-.084	.188	.788	-.850	340	155	-.173	.027	-.081	-.288	340	315	-.221	.048	-.060	-.485
340	106	-.097	.075	.299	-.312	340	156	-.140	.032	-.006	-.249	340	316	-.223	.052	-.070	-.493
340	107	-.048	.126	.442	-.499	340	157	-.160	.034	-.017	-.276	340	317	-.222	.056	-.031	-.499
340	108	-.049	.166	.677	-.656	340	158	-.180	.028	-.064	-.331	340	318	-.238	.050	-.094	-.502
340	109	-.144	.071	.171	-.364	340	159	-.173	.025	-.081	-.253	340	319	-.228	.056	-.058	-.507
340	110	-.115	.089	.266	-.385	340	160	-.149	.027	-.032	-.246	340	320	-.213	.073	-.027	-.743
340	111	-.028	.163	.663	-.852	340	161	-.172	.028	-.049	-.261	340	321	-.230	.048	-.081	-.474
340	112	-.064	.174	.612	-.623	340	201	-.006	.142	.708	-.327	340	322	-.217	.046	-.075	-.434
340	113	-.122	.073	.226	-.340	340	202	-.007	.168	.791	-.492	340	323	-.214	.045	-.084	-.397
340	114	-.017	.110	.566	-.301	340	203	.027	.166	.810	-.360	340	324	-.227	.047	-.095	-.462
340	115	-.062	.159	.611	-.563	340	204	.061	.172	.858	-.311	340	325	-.212	.048	-.076	-.488
340	116	-.137	.055	.136	-.324	340	205	.055	.154	.755	-.311	340	326	-.196	.047	-.054	-.481

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	327	-.194	.046	-.051	-.459	340	377	-.178	.041	-.035	-.471	340	551	-.219	.045	-.089	-.505
340	328	-.229	.046	-.095	-.667	340	501	-.228	.056	-.021	-.541	340	552	-.204	.037	-.080	-.401
340	329	-.219	.045	-.062	-.453	340	502	-.235	.050	-.081	-.491	340	553	-.199	.033	-.080	-.363
340	330	-.208	.043	-.054	-.394	340	503	-.233	.050	-.069	-.518	340	554	-.217	.035	-.062	-.379
340	331	-.208	.045	-.067	-.416	340	504	-.229	.052	-.028	-.574	340	555	-.215	.041	-.110	-.501
340	332	-.219	.047	-.063	-.416	340	505	-.205	.054	-.055	-.594	340	556	-.194	.039	-.098	-.565
340	333	-.200	.045	-.027	-.383	340	506	-.237	.052	-.088	-.506	340	557	-.213	.039	-.095	-.507
340	334	-.191	.046	-.006	-.365	340	507	-.208	.051	-.035	-.542	340	558	-.225	.037	-.106	-.402
340	335	-.197	.041	-.013	-.435	340	508	-.235	.053	-.088	-.601	340	559	-.205	.033	-.093	-.354
340	336	-.211	.038	-.042	-.437	340	509	-.223	.043	-.080	-.462	340	560	-.183	.032	-.054	-.329
340	337	-.201	.040	-.086	-.397	340	510	-.227	.043	-.088	-.494	340	561	-.200	.037	-.069	-.363
340	338	-.189	.039	-.084	-.509	340	511	-.221	.042	-.088	-.470	340	562	-.242	.059	-.114	-.669
340	339	-.187	.040	-.077	-.532	340	512	-.237	.046	-.088	-.589	340	563	-.218	.047	-.105	-.564
340	340	-.200	.040	-.090	-.485	340	514	-.219	.044	-.066	-.456	340	564	-.182	.037	-.084	-.369
340	341	-.190	.038	-.053	-.404	340	515	-.200	.044	-.048	-.450	340	565	-.181	.030	-.100	-.316
340	342	-.194	.033	-.077	-.403	340	516	-.179	.044	-.056	-.445	340	566	-.181	.026	-.111	-.296
340	343	-.192	.033	-.086	-.378	340	517	-.235	.048	-.097	-.502	340	567	-.168	.023	-.093	-.275
340	344	-.208	.031	-.106	-.368	340	518	-.197	.047	-.071	-.492	340	568	-.144	.023	-.057	-.231
340	345	-.198	.033	-.104	-.352	340	519	-.232	.048	-.114	-.548	340	569	-.136	.022	-.059	-.213
340	346	-.183	.033	-.075	-.335	340	520	-.181	.044	-.051	-.387	340	570	-.149	.021	-.080	-.224
340	347	-.180	.034	-.067	-.390	340	521	-.182	.047	-.050	-.416	340	571	-.153	.022	-.073	-.222
340	348	-.196	.035	-.083	-.409	340	522	-.185	.043	-.049	-.371	340	572	-.133	.020	-.059	-.192
340	349	-.204	.032	-.046	-.378	340	523	-.234	.044	-.091	-.428	340	573	-.146	.022	-.061	-.208
340	350	-.195	.030	-.077	-.316	340	524	-.174	.040	-.049	-.362	340	574	-.155	.021	-.070	-.222
340	351	-.202	.032	-.093	-.400	340	525	-.241	.044	-.092	-.473	340	575	-.148	.020	-.065	-.210
340	352	-.230	.041	-.111	-.423	340	526	-.210	.046	-.079	-.475	340	576	-.134	.020	-.059	-.206
340	353	-.190	.048	-.061	-.869	340	527	-.225	.047	-.098	-.544	340	577	-.148	.021	-.054	-.226
340	354	-.224	.045	-.091	-.612	340	528	-.195	.044	-.076	-.493	340	578	-.180	.021	-.075	-.255
340	355	-.215	.042	-.101	-.577	340	529	-.223	.045	-.100	-.490	340	579	-.153	.021	-.031	-.225
340	356	-.170	.027	-.072	-.294	340	530	-.198	.043	-.077	-.411	340	580	-.133	.020	-.037	-.209
340	357	-.201	.027	-.104	-.295	340	531	-.243	.042	-.106	-.463	340	701	.051	.186	.865	-.574
340	358	-.164	.030	-.081	-.385	340	532	-.211	.040	-.103	-.439	340	702	.005	.146	.664	-.360
340	359	-.220	.039	-.111	-.512	340	533	-.240	.044	-.123	-.508	340	703	.100	.164	.895	-.332
340	360	-.220	.053	-.070	-.656	340	534	-.177	.046	-.035	-.475	340	704	.041	.173	.801	-.389
340	361	-.265	.060	-.139	-.849	340	535	-.219	.048	-.074	-.465	340	705	.062	.169	.944	-.303
340	362	-.213	.059	-.073	-.596	340	536	-.193	.049	-.066	-.488	340	706	.080	.154	.795	-.383
340	363	-.185	.026	-.106	-.317	340	537	-.222	.045	-.115	-.467	340	707	.085	.157	.740	-.323
340	364	-.148	.027	-.057	-.269	340	538	-.189	.020	-.136	-.270	340	708	.034	.156	.745	-.352
340	365	-.248	.067	-.092	-.643	340	539	-.230	.041	-.101	-.406	340	709	.045	.154	.900	-.369
340	366	-.146	.024	-.068	-.230	340	540	-.199	.047	-.059	-.492	340	710	.060	.138	.740	-.330
340	367	-.184	.025	-.106	-.283	340	541	-.210	.051	-.067	-.577	340	711	.052	.136	.711	-.364
340	368	-.154	.024	-.035	-.242	340	542	-.180	.050	-.049	-.522	340	712	.065	.135	.723	-.335
340	369	-.186	.025	-.089	-.305	340	543	-.221	.052	-.069	-.522	340	713	.044	.131	.663	-.371
340	370	-.137	.035	-.002	-.356	340	544	-.190	.046	-.076	-.547	340	714	.070	.134	.656	-.283
340	371	-.202	.054	-.068	-.438	340	545	-.212	.040	-.095	-.439	340	715	.002	.096	.512	-.276
340	372	-.182	.055	-.050	-.539	340	546	-.183	.039	-.059	-.376	340	716	.037	.093	.519	-.243
340	373	-.188	.025	-.089	-.298	340	547	-.222	.040	-.118	-.428	340	717	-.052	.060	.226	-.249
340	374	-.146	.025	-.056	-.250	340	548	-.189	.052	-.049	-.540	340	718	-.025	.067	.323	-.234
340	375	-.149	.026	-.019	-.237	340	549	-.215	.054	-.097	-.585	340	719	-.030	.067	.335	-.223
340	376	-.130	.032	.022	-.354	340	550	-.185	.053	-.079	-.673	340	720	-.066	.053	.210	-.243

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
340	721	-.068	.054	.209	-.218	340	842	-.135	.045	.106	-.299	350	6	-.073	.025	.086	-.157
340	722	-.117	.046	.181	-.238	340	843	-.054	.055	.247	-.233	350	7	-.098	.037	.177	-.201
340	723	-.122	.039	.075	-.237	340	844	-.181	.041	.021	-.366	350	8	-.108	.031	.074	-.202
340	724	-.092	.048	.150	-.245	340	845	-.104	.071	.315	-.373	350	9	-.114	.038	.127	-.238
340	725	-.076	.040	.114	-.166	340	846	-.115	.042	.227	-.294	350	10	-.148	.041	-.028	-.549
340	726	-.119	.029	.020	-.198	340	847	-.065	.056	.287	-.300	350	11	-.074	.023	.010	-.180
340	727	-.122	.029	.016	-.205	340	848	-.146	.037	.060	-.285	350	12	-.116	.026	-.013	-.214
340	728	-.082	.029	.057	-.185	340	849	-.169	.037	-.000	-.295	350	13	-.049	.022	.044	-.135
340	729	-.086	.040	.086	-.174	340	850	-.162	.051	.101	-.438	350	14	-.102	.028	.025	-.199
340	801	-.111	.168	.370	-1.152	340	851	-.150	.036	-.003	-.352	350	15	-.104	.033	.029	-.235
340	802	-.072	.104	.320	-.614	340	852	-.168	.041	.065	-.337	350	16	-.077	.024	.044	-.181
340	803	-.100	.071	.347	-.348	340	853	-.164	.032	.005	-.279	350	17	-.081	.025	.048	-.178
340	804	-.120	.066	.343	-.316	340	854	-.188	.027	-.079	-.315	350	18	-.057	.022	.049	-.181
340	805	-.149	.061	.249	-.332	340	855	-.136	.027	-.030	-.250	350	19	-.093	.037	.092	-.208
340	806	-.104	.170	.511	-.944	340	856	-.218	.030	-.075	-.376	350	20	-.093	.030	.044	-.190
340	807	-.135	.059	.224	-.335	340	857	-.162	.031	-.048	-.401	350	21	-.120	.030	-.008	-.329
340	808	-.125	.149	.641	-.928	340	858	-.131	.031	-.002	-.238	350	22	-.121	.029	-.026	-.305
340	809	-.088	.132	.528	-.856	340	859	-.110	.031	.005	-.263	350	23	-.106	.028	.019	-.213
340	810	-.071	.082	.529	-.308	340	860	-.157	.025	-.052	-.244	350	24	-.117	.035	.059	-.310
340	811	-.073	.067	.424	-.313	340	861	-.181	.024	-.097	-.302	350	25	-.119	.030	-.017	-.336
340	812	-.164	.050	.257	-.380	340	862	-.140	.028	-.009	-.284	350	26	-.111	.033	.040	-.347
340	813	-.086	.145	.478	-.709	340	863	-.163	.027	-.030	-.335	350	27	-.122	.029	-.018	-.312
340	814	-.057	.111	.394	-.621	340	864	-.144	.030	-.002	-.252	350	28	-.123	.030	.027	-.225
340	815	-.059	.078	.393	-.360	340	865	-.069	.033	.104	-.178	350	29	-.130	.029	-.014	-.305
340	816	-.110	.064	.257	-.334	340	866	-.132	.029	-.005	-.208	350	30	-.117	.021	-.041	-.235
340	817	-.126	.053	.164	-.329	340	867	-.162	.020	-.096	-.246	350	31	-.111	.030	.025	-.212
340	818	-.112	.142	.463	-.704	340	868	-.183	.028	-.104	-.360	350	91	-.146	.024	-.066	-.239
340	819	-.050	.071	.353	-.365	340	869	-.177	.027	-.092	-.284	350	92	-.147	.034	-.021	-.346
340	820	-.168	.051	.149	-.432	340	870	-.139	.039	.012	-.329	350	93	-.141	.024	-.070	-.224
340	821	-.090	.154	.382	-1.059	340	901	-.052	.171	.945	-.310	350	94	-.159	.036	-.064	-.399
340	822	-.043	.115	.408	-.657	340	902	-.077	.106	.434	-.815	350	95	-.068	.044	.129	-.181
340	823	-.035	.069	.290	-.444	340	903	-.093	.061	.353	-.283	350	101	-.092	.083	.251	-.320
340	824	-.084	.060	.207	-.366	340	904	-.235	.050	-.096	-.476	350	102	-.025	.122	.496	-.524
340	825	-.106	.056	.237	-.290	340	905	-.228	.053	-.076	-.478	350	103	-.016	.187	.710	-.774
340	826	-.111	.055	.222	-.323	340	906	-.199	.057	-.027	-.462	350	104	-.076	.089	.414	-.323
340	827	-.030	.136	.366	-.673	340	907	-.045	.172	.831	-.366	350	105	-.039	.201	.758	-.725
340	828	-.057	.117	.396	-.738	340	908	-.085	.113	.370	-.660	350	106	-.034	.079	.338	-.270
340	829	-.017	.070	.318	-.297	340	909	-.126	.057	.319	-.355	350	107	.038	.116	.563	-.372
340	830	-.074	.055	.206	-.303	340	910	-.228	.049	-.060	-.448	350	108	.040	.175	.713	-.761
340	831	-.095	.047	.121	-.293	340	911	-.222	.057	-.047	-.531	350	109	-.112	.073	.244	-.342
340	832	-.143	.042	.061	-.320	340	912	-.224	.056	-.055	-.511	350	110	-.067	.089	.386	-.338
340	833	-.054	.109	.326	-.608	340	913	-.257	.070	.029	-.521	350	111	-.086	.150	.909	-.520
340	834	-.046	.071	.209	-.361	340	914	-.263	.080	-.023	-.597	350	112	.054	.163	.681	-.654
340	835	-.036	.056	.200	-.320	340	915	-.314	.086	-.084	-.730	350	113	-.082	.081	.319	-.339
340	836	-.083	.045	.122	-.264	340	916	-.277	.099	-.012	-.798	350	114	.097	.107	.592	-.190
340	837	-.114	.041	.111	-.310	350	1	-.101	.041	.184	-.207	350	115	.060	.157	.730	-.564
340	838	-.155	.041	.058	-.379	350	2	-.076	.025	.075	-.142	350	116	-.106	.066	.189	-.327
340	839	-.053	.056	.188	-.355	350	3	-.097	.035	.178	-.226	350	117	-.049	.085	.324	-.267
340	840	-.043	.089	.383	-.523	350	4	-.056	.024	.093	-.137	350	118	.021	.102	.495	-.230
340	841	-.077	.049	.178	-.259	350	5	-.104	.029	.012	-.204	350	119	.079	.120	.701	-.349

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	120	.083	.123	.640	-.350	350	209	.146	.134	.820	-.174	350	330	-.233	.046	-.094	-.489
350	121	.072	.146	.737	-.695	350	210	.156	.132	.821	-.171	350	331	-.224	.046	-.091	-.464
350	122	-.104	.067	.350	-.340	350	211	.152	.133	.802	-.176	350	332	-.231	.046	-.093	-.447
350	123	-.046	.084	.568	-.315	350	212	.129	.125	.750	-.138	350	333	-.216	.043	-.078	-.395
350	124	.025	.098	.479	-.243	350	213	.159	.127	.798	-.141	350	334	-.208	.044	-.059	-.390
350	125	.074	.110	.586	-.219	350	214	.144	.124	.724	-.288	350	335	-.245	.064	-.018	-.631
350	126	.090	.125	.593	-.598	350	215	.094	.102	.631	-.171	350	336	-.254	.055	-.061	-.544
350	127	.074	.148	.665	-.674	350	216	.081	.098	.553	-.163	350	337	-.247	.068	-.034	-.571
350	128	-.098	.076	.318	-.313	350	217	.007	.067	.559	-.392	350	338	-.226	.050	-.089	-.453
350	129	-.055	.095	.430	-.277	350	218	-.058	.077	.451	-.406	350	339	-.218	.051	-.051	-.523
350	130	.006	.111	.513	-.228	350	219	-.039	.073	.362	-.228	350	340	-.227	.050	-.047	-.532
350	131	.041	.122	.626	-.329	350	220	-.067	.057	.431	-.289	350	341	-.214	.049	-.067	-.529
350	132	.027	.127	.548	-.481	350	221	-.093	.059	.357	-.275	350	342	-.247	.062	-.082	-.579
350	133	.006	.142	.586	-.501	350	222	-.182	.035	-.008	-.312	350	343	-.241	.058	-.074	-.591
350	134	-.133	.070	.218	-.368	350	223	-.158	.035	.015	-.298	350	344	-.259	.051	-.095	-.486
350	135	-.094	.082	.310	-.308	350	224	-.138	.034	-.014	-.276	350	345	-.254	.059	-.076	-.505
350	136	-.049	.092	.509	-.285	350	225	-.122	.034	.062	-.238	350	346	-.241	.060	-.075	-.777
350	137	-.033	.095	.452	-.325	350	226	-.159	.034	-.005	-.286	350	347	-.235	.058	-.079	-.756
350	138	-.046	.106	.483	-.445	350	227	-.121	.034	.031	-.223	350	348	-.248	.058	-.081	-.707
350	139	-.063	.114	.469	-.474	350	228	-.050	.026	.093	-.118	350	349	-.208	.043	-.088	-.545
350	140	-.193	.056	.058	-.400	350	229	-.100	.030	.049	-.190	350	350	-.200	.043	-.077	-.465
350	141	-.183	.060	.163	-.400	350	301	-.232	.059	-.053	-.726	350	351	-.220	.054	-.072	-.459
350	142	-.130	.066	.223	-.388	350	302	-.233	.056	-.052	-.654	350	352	-.276	.064	-.100	-.599
350	143	-.122	.068	.241	-.346	350	303	-.225	.057	-.030	-.622	350	353	-.252	.082	-.062	-.695
350	144	-.100	.077	.297	-.369	350	304	-.236	.055	-.066	-.476	350	354	-.285	.085	-.063	-.884
350	145	-.132	.084	.237	-.464	350	305	-.232	.053	-.056	-.475	350	355	-.259	.086	-.067	-.759
350	146	-.209	.048	-.013	-.472	350	306	-.246	.063	-.010	-.529	350	356	-.165	.038	0.000	-.356
350	147	-.187	.045	.059	-.364	350	307	-.233	.052	-.058	-.599	350	357	-.190	.040	-.010	-.381
350	148	-.138	.041	.092	-.297	350	308	-.242	.058	-.029	-.579	350	358	-.150	.049	.005	-.474
350	149	-.154	.038	.081	-.286	350	309	-.238	.052	-.034	-.520	350	359	-.218	.067	-.004	-.614
350	150	-.156	.039	.026	-.328	350	310	-.231	.052	-.037	-.459	350	360	-.257	.085	-.033	-.811
350	151	-.182	.042	-.023	-.382	350	311	-.235	.054	-.046	-.508	350	361	-.317	.094	-.075	-.891
350	152	-.154	.034	-.038	-.343	350	312	-.233	.054	-.042	-.508	350	362	-.270	.088	-.034	-.785
350	153	-.160	.032	-.031	-.312	350	313	-.252	.058	-.078	-.643	350	363	-.168	.038	-.032	-.372
350	154	-.110	.024	.005	-.189	350	314	-.238	.051	-.096	-.500	350	364	-.137	.046	.033	-.460
350	155	-.142	.036	.085	-.251	350	315	-.244	.049	-.090	-.519	350	365	-.289	.096	-.058	-1.039
350	156	-.098	.046	.214	-.201	350	316	-.239	.054	-.070	-.465	350	366	-.116	.034	.060	-.248
350	157	-.119	.040	.115	-.214	350	317	-.242	.060	.005	-.602	350	367	-.153	.035	.038	-.276
350	158	-.166	.033	-.008	-.372	350	318	-.265	.056	-.101	-.569	350	368	-.129	.038	.081	-.306
350	159	-.152	.030	-.015	-.249	350	319	-.260	.055	-.036	-.503	350	369	-.162	.040	.213	-.356
350	160	-.117	.036	.074	-.214	350	320	-.244	.070	-.007	-.646	350	370	-.128	.058	.058	-.526
350	161	-.133	.038	.065	-.233	350	321	-.253	.058	-.095	-.623	350	371	-.222	.085	-.019	-.695
350	201	.051	.130	.610	-.259	350	322	-.241	.053	-.070	-.522	350	372	-.204	.081	-.005	-.634
350	202	.097	.159	.822	-.391	350	323	-.236	.048	-.079	-.440	350	373	-.153	.039	.073	-.306
350	203	.205	.163	.883	-.198	350	324	-.246	.048	-.104	-.429	350	374	-.115	.035	.028	-.273
350	204	.188	.174	.898	-.275	350	325	-.229	.045	-.088	-.423	350	375	-.131	.038	.165	-.292
350	205	.188	.161	.849	-.200	350	326	-.212	.044	-.033	-.401	350	376	-.144	.067	-.008	-.720
350	206	.172	.154	.985	-.206	350	327	-.208	.044	-.032	-.395	350	377	-.215	.100	-.035	-1.014
350	207	.132	.140	.763	-.196	350	328	-.266	.061	-.081	-.596	350	501	-.214	.055	-.034	-.491
350	208	.149	.155	.776	-.295	350	329	-.247	.053	-.104	-.573	350	502	-.221	.052	-.063	-.430

APPENDIX A -- PRESSURE DATA:

MUSEUM TOWER, N. Y. C.

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
350	845	-.155	.081	.153	-.506	350	859	-.093	.027	.017	-.179	350	903	-.069	.057	.197	-.271
350	846	-.122	.048	.084	-.453	350	860	-.147	.024	-.039	-.235	350	904	-.274	.051	-.141	-.518
350	847	-.091	.077	.193	-.762	350	861	-.165	.027	-.059	-.292	350	905	-.268	.049	-.118	-.469
350	848	-.147	.036	.039	-.284	350	862	-.120	.027	-.022	-.231	350	906	-.229	.055	-.064	-.501
350	849	-.168	.032	-.018	-.266	350	863	-.148	.033	-.003	-.299	350	907	.195	.160	.913	-.270
350	850	-.161	.049	.058	-.443	350	864	-.128	.028	-.013	-.224	350	908	-.054	.165	.528	-.677
350	851	-.146	.034	-.028	-.342	350	865	-.037	.035	.132	-.157	350	909	-.111	.061	.126	-.289
350	852	-.164	.042	.016	-.412	350	866	-.124	.026	.025	-.197	350	910	-.252	.051	-.077	-.506
350	853	-.153	.032	-.003	-.373	350	867	-.143	.026	-.061	-.252	350	911	-.248	.050	-.052	-.444
350	854	-.173	.030	-.064	-.283	350	868	-.167	.039	-.050	-.372	350	912	-.260	.055	-.095	-.492
350	855	-.117	.028	-.020	-.216	350	869	-.153	.037	-.044	-.347	350	913	-.286	.077	-.060	-.636
350	856	-.207	.034	-.091	-.363	350	870	-.118	.038	.030	-.272	350	914	-.293	.079	-.015	-.650
350	857	-.143	.030	-.026	-.332	350	901	.246	.164	.940	-.169	350	915	-.345	.089	-.105	-.720
350	858	-.119	.028	-.009	-.208	350	902	-.030	.154	.436	-.716	350	916	-.305	.096	-.064	-.760