

WIND-TUNNEL STUDY OF
MOUNTAIN BELL UTAH STATE
HEADQUARTERS BUILDING,
SALT LAKE CITY

by

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

for

Montmorency, Hayes and Talbot Architects, Inc.
2398 West North Temple Street
Salt Lake City, Utah 84116

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

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

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LIST OF SYMBOLS

<u>Symbol</u>	<u>Definition</u>
U	Local mean velocity
D	Characteristic dimension (building height, width, etc.)
ν, 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 15 degrees and another set of data recorded for each pressure tap. Normally, 24 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 24 wind directions, rotating the entire model assembly in a complete circle. Seventy-six pieces of 1/16 in. I.D. plastic tubing each 18 in. long 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

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

where E_{rms} is the root-mean-square voltage output from the anemometer. 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.

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

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

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

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

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

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.

DISCUSSION

5.1 Flow Visualization

Flow patterns about the Utah Mountain Bell building did not show flow patterns indicative of exceptionally high pressures. Flow separation phenomena indicated that the highest negative peak pressures would occur near corners, particularly near the roof line. Winds in pedestrian areas about the base showed strong winds for some wind directions. Northerly winds caused flow down the northwest face onto the main entrance plaza and out away from the building. For some wind directions, the wind in the entrance plaza appeared to be moderately strong and somewhat gusty. For northwesterly winds, velocities in the sunken plaza on the north side were fairly strong. For selected wind directions, wind velocity near the surface at the northeast and southwest corner of the building were strong. Flow through the garage and in the parking area north of the garage appeared to be moderate. The windiest surface location was the top of the podium structure on the northwest side which experienced high wind velocities, particularly near the building, for several wind directions.

5.2 Pedestrian Winds

Figure 4 shows the 19 pedestrian locations selected for study. Location 1 was selected as a reference location which should be relatively undisturbed by the presence of the Mountain Bell building. Table 2 and Figure 8 show that the largest values of mean velocity were measured at location 3 with values of U_{mean} between 65 and 70

percent of the reference velocity U_{∞} at 833 ft. Mean velocities at most other locations were considerably lower than these values. The largest mean velocity at reference location 1 was 29 percent of U_{∞} . The mean velocity in open country would be about 45 to 50 percent of U_{∞} .

The largest values of fluctuating velocity, U_{rms} , were obtained at locations 4 and 16 with values of 23 and 22 percent of U_{∞} at wind directions 203 and 315 degrees respectively. All other measured rms values were below 20 percent indicating that fluctuating values of velocity were not large. The largest values of peak gust represented by the mean plus three rms as discussed in section 4.2, were obtained at locations 2, 3, 4, and 6 with values ranging from 100 to 115 percent of U_{∞} for selected wind directions. The largest peak value at location 1 was 66 percent of U_{∞} at a wind direction of 135 degrees. A value of peak velocity of 80 to 90 percent of U_{∞} might be expected in an open, flat-country environment so that the worst locations and wind directions produced effective gusts 15 to 35 percent larger than would exist in an open-field environment.

Velocity data integrated with local wind data 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 20 percent of the time at location 3, 7 percent at location 2 and 3 percent on the sidewalk at location 15. In the entrance plaza area mean winds will be above 12 mph less than 1 percent of the time. The largest percent time when mean winds will be above 24 mph, the limit of agreeable winds on load, is 2 percent at location 3 and less than 0.1 percent

at all other locations. The largest percentage times when peak gusts could reach 35 mph were 2 percent at location 3, 1 percent at location 2 and less than 0.4 percent at other locations.

The results of the pedestrian velocity analysis showed that the wind environment in pedestrian areas will be moderate with little pedestrian discomfort. If location 3 anticipated significant pedestrian traffic this location would need modification to improve wind conditions. Since it is not in a major pedestrian traffic area, improved wind characteristics are probably not required.

5.3 Pressures

Table 6 shows the largest pressure coefficients and wind loads measured on the building for each pressure tap location. The largest peak pressure coefficient measured on the Utah Mountain Bell building was -2.43 at tap 701 on the roof for a wind direction of 225 degrees. This pressure is associated with a vortex formation on the roof. The largest pressure coefficient on the cladding area of the building was -2.26 at tap 131 for a wind direction of 90 degrees. Instantaneous cladding pressures corresponding to these two conditions using the 50-yr recurrence reference pressure calculated in Table 5 were 58 and 54 psf respectively. The effective 1 minute glass load at tap 131 was 40 psf.

Figure 10 shows that wind pressures are moderate and that the higher pressures are found near corners as anticipated from the smoke visualization study.

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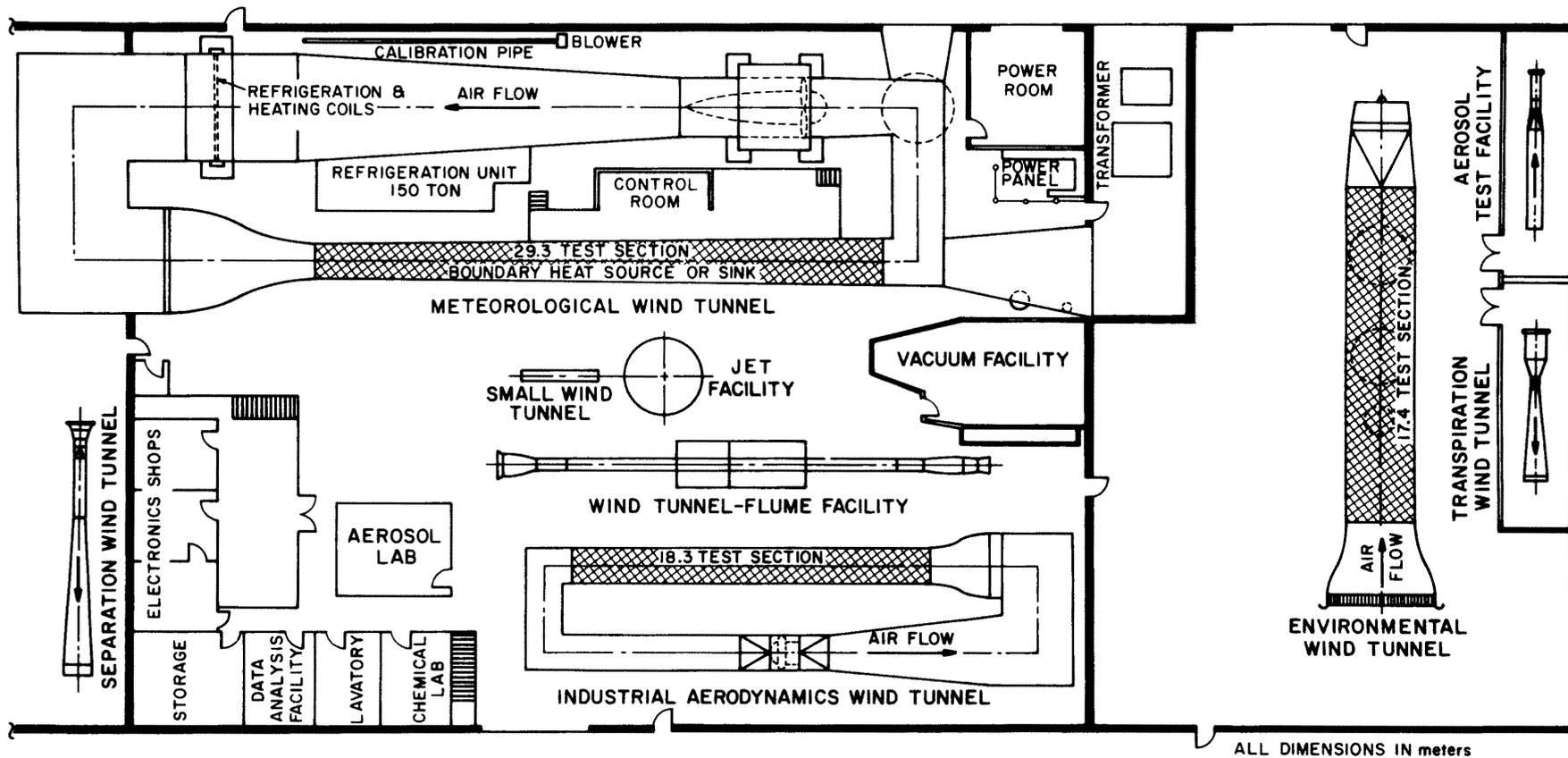
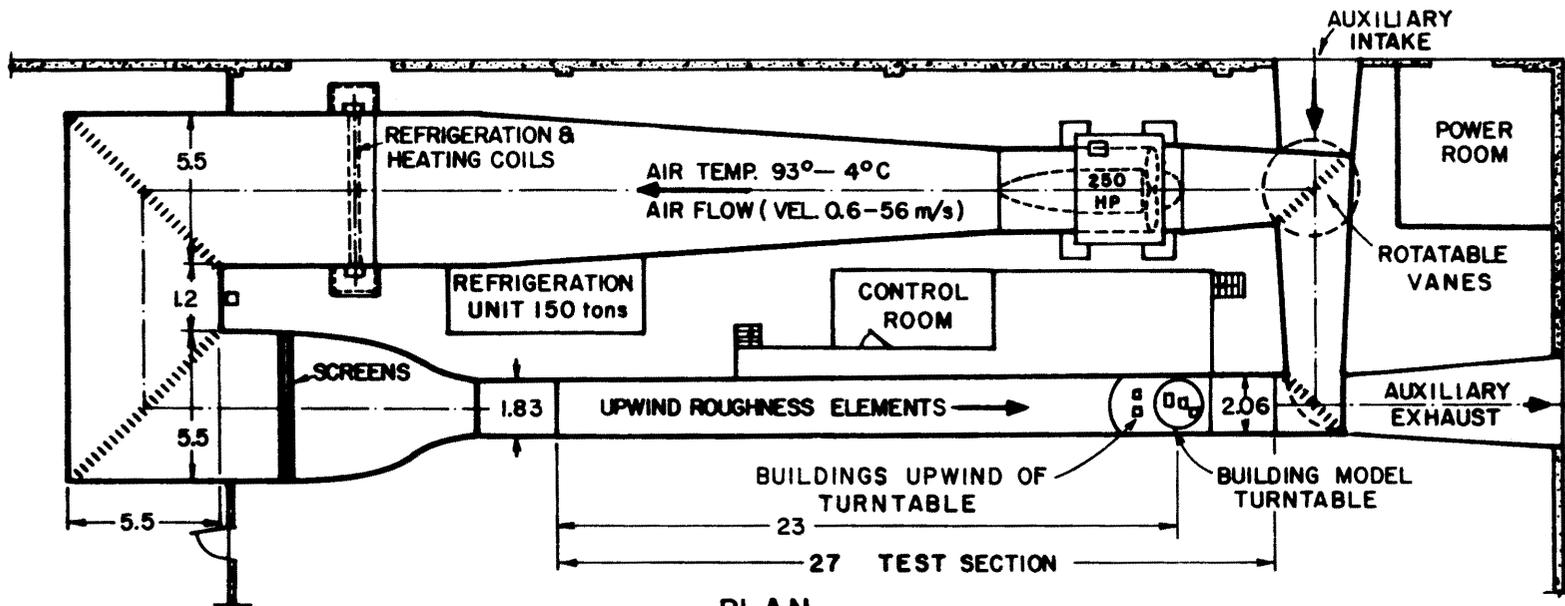
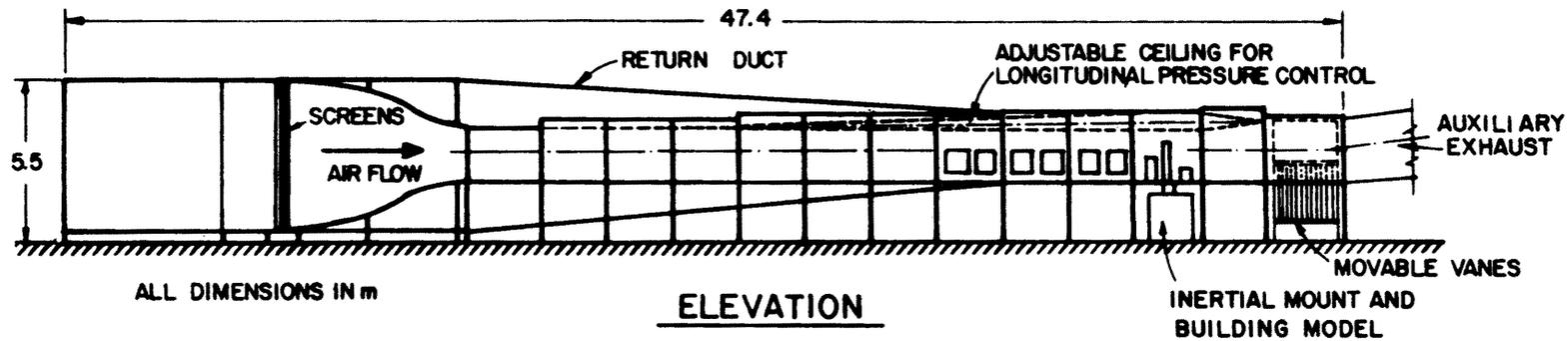


FIGURE 1 - FLUID DYNAMICS AND DIFFUSION LABORATORY
 COLORADO STATE UNIVERSITY



PLAN



ELEVATION

METEOROLOGICAL WIND TUNNEL

Figure 2 - Wind Tunnel Configuration

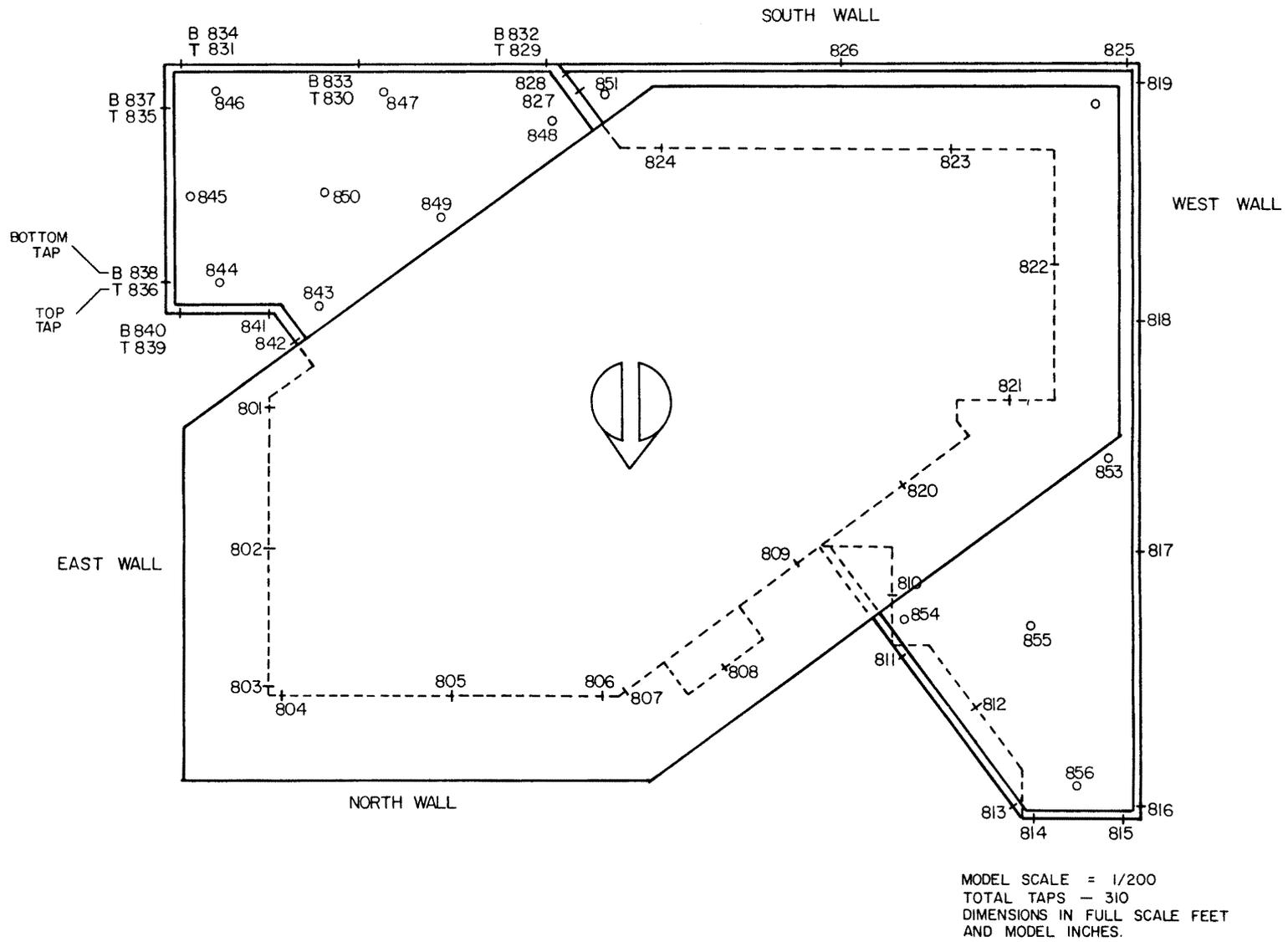
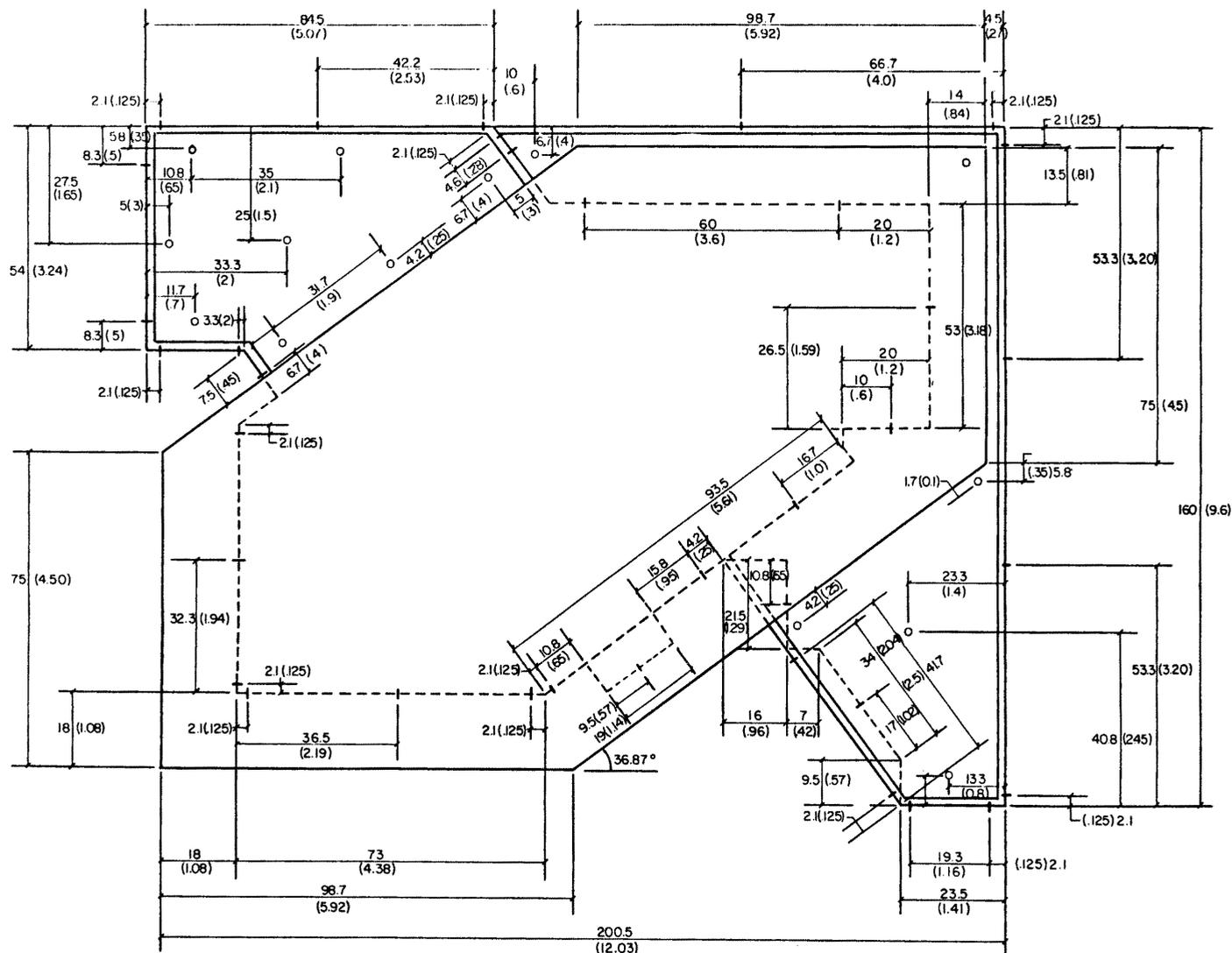
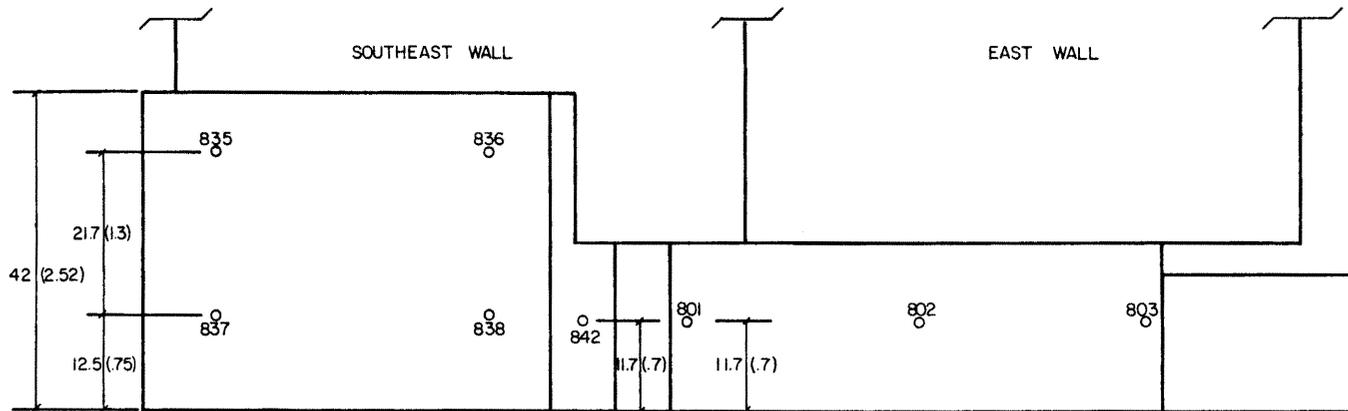


Figure 3a. Pressure tap locations.





BASE ELEVATIONS
(NOT TO SCALE)

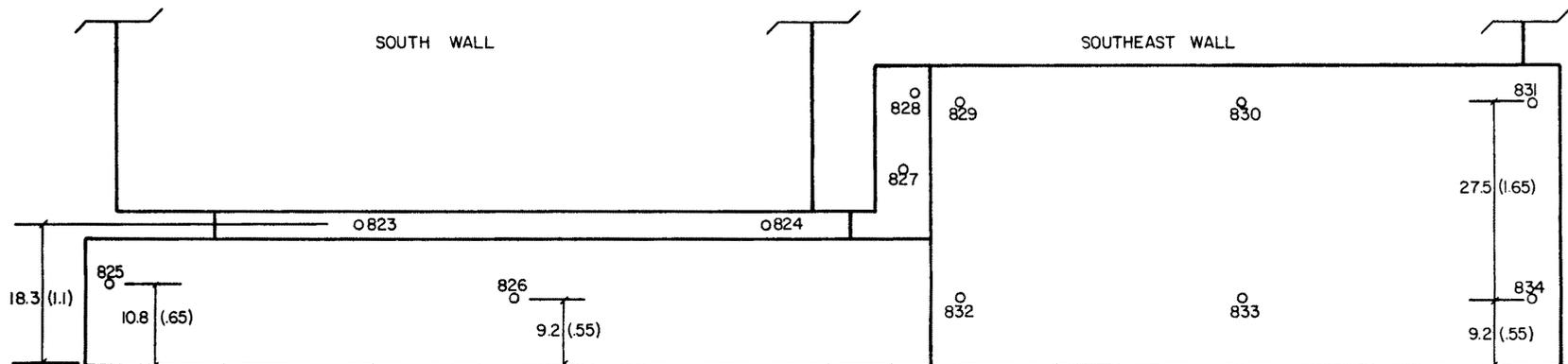
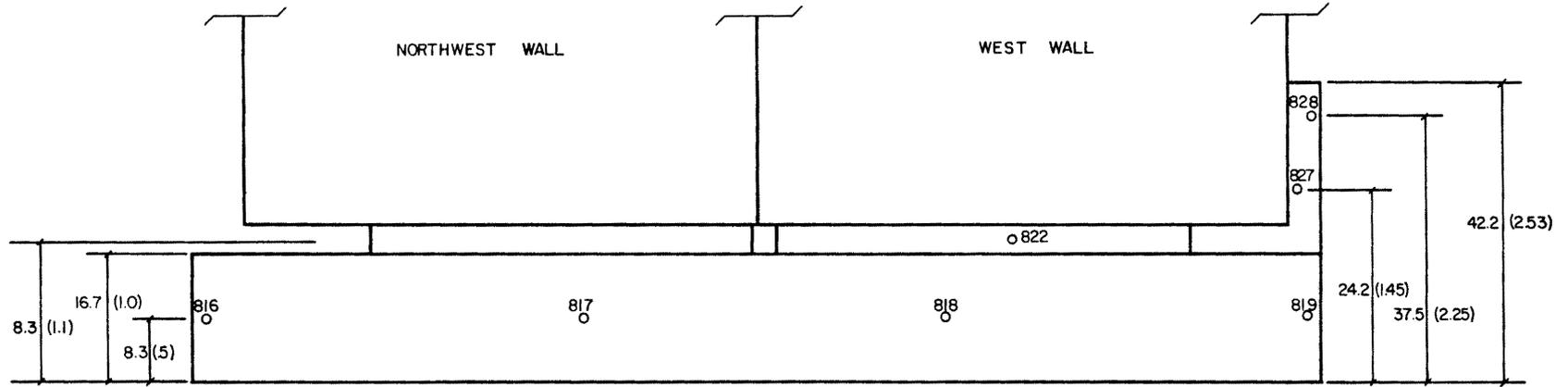


Figure 3c. Pressure tap locations.



BASE ELEVATIONS
(NOT TO SCALE)

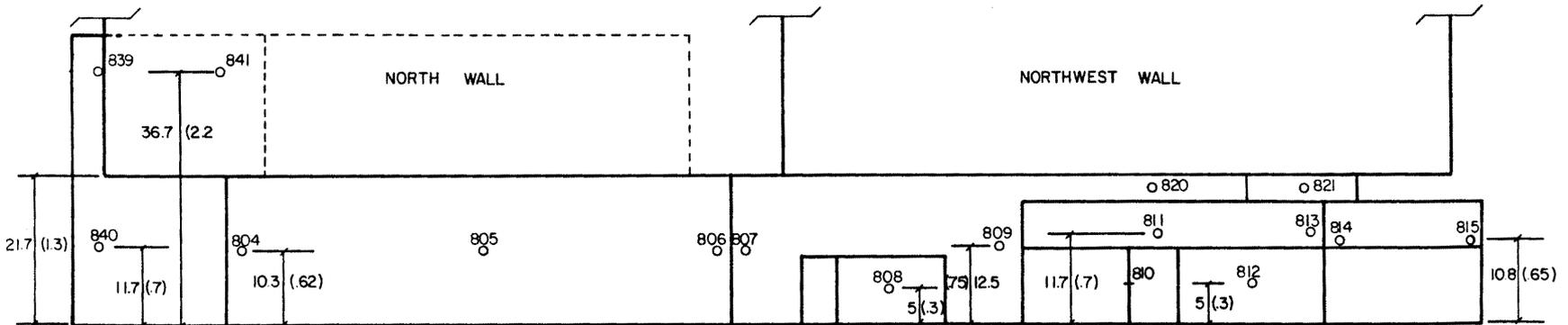


Figure 3d. Pressure tap locations.

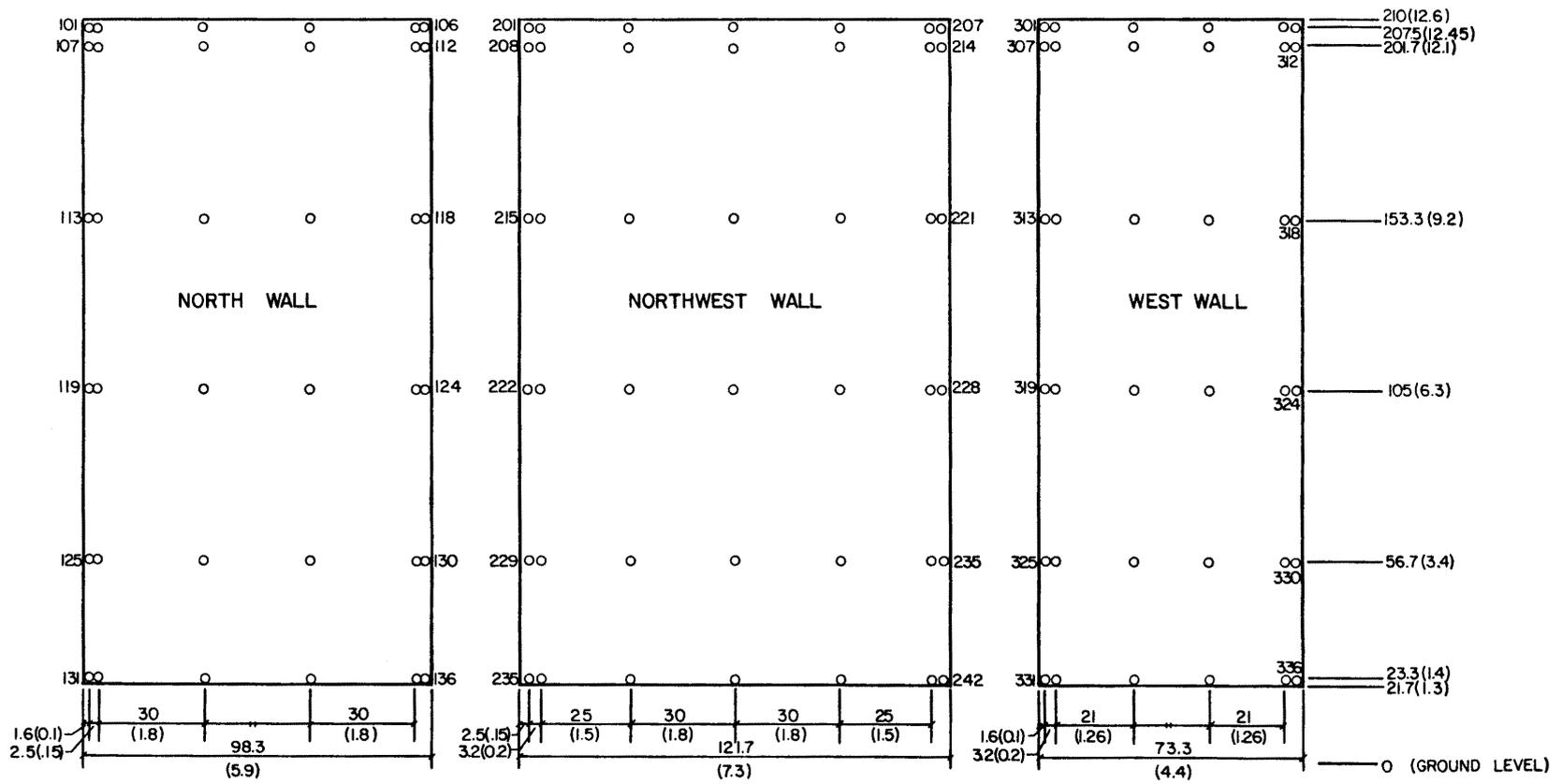


Figure 3e. Pressure tap locations.

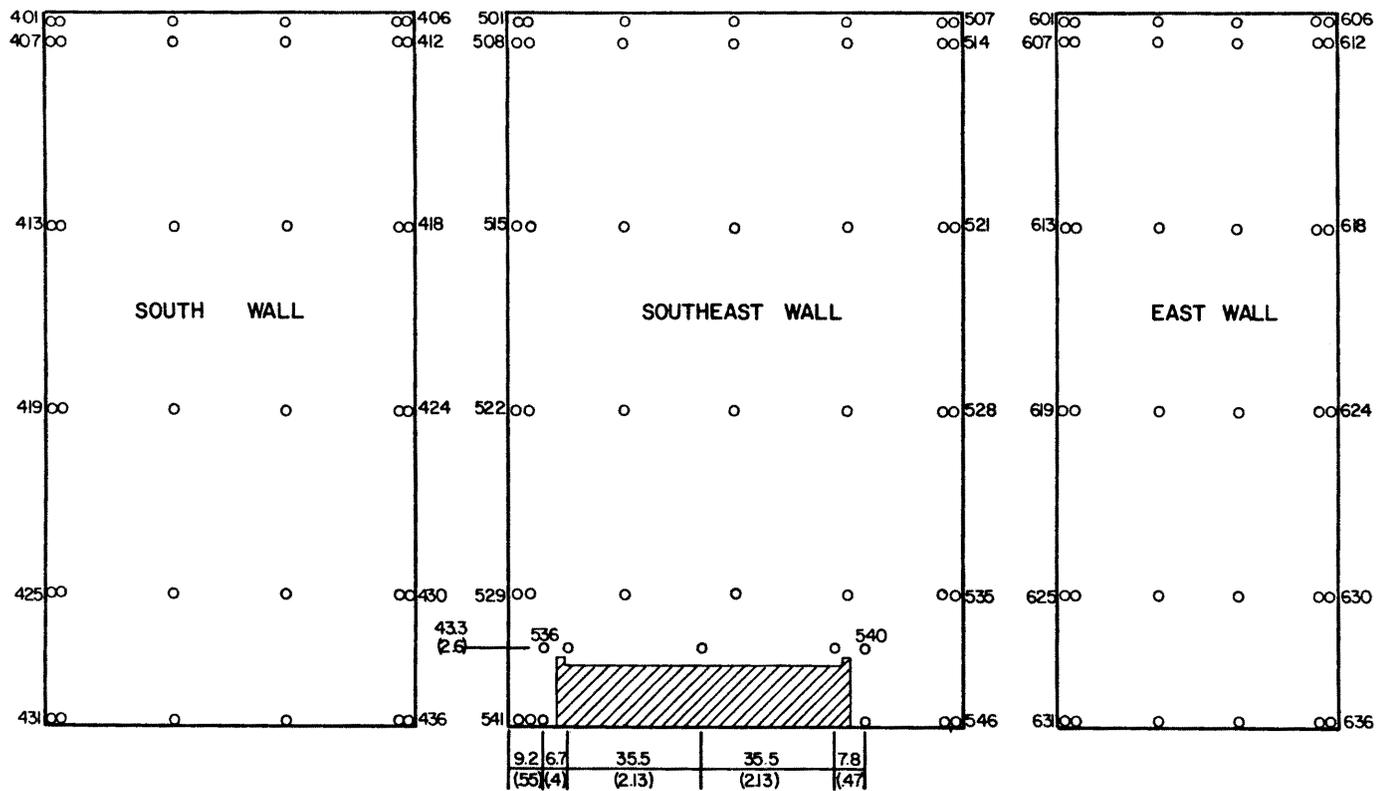


Figure 3f. Pressure tap locations.

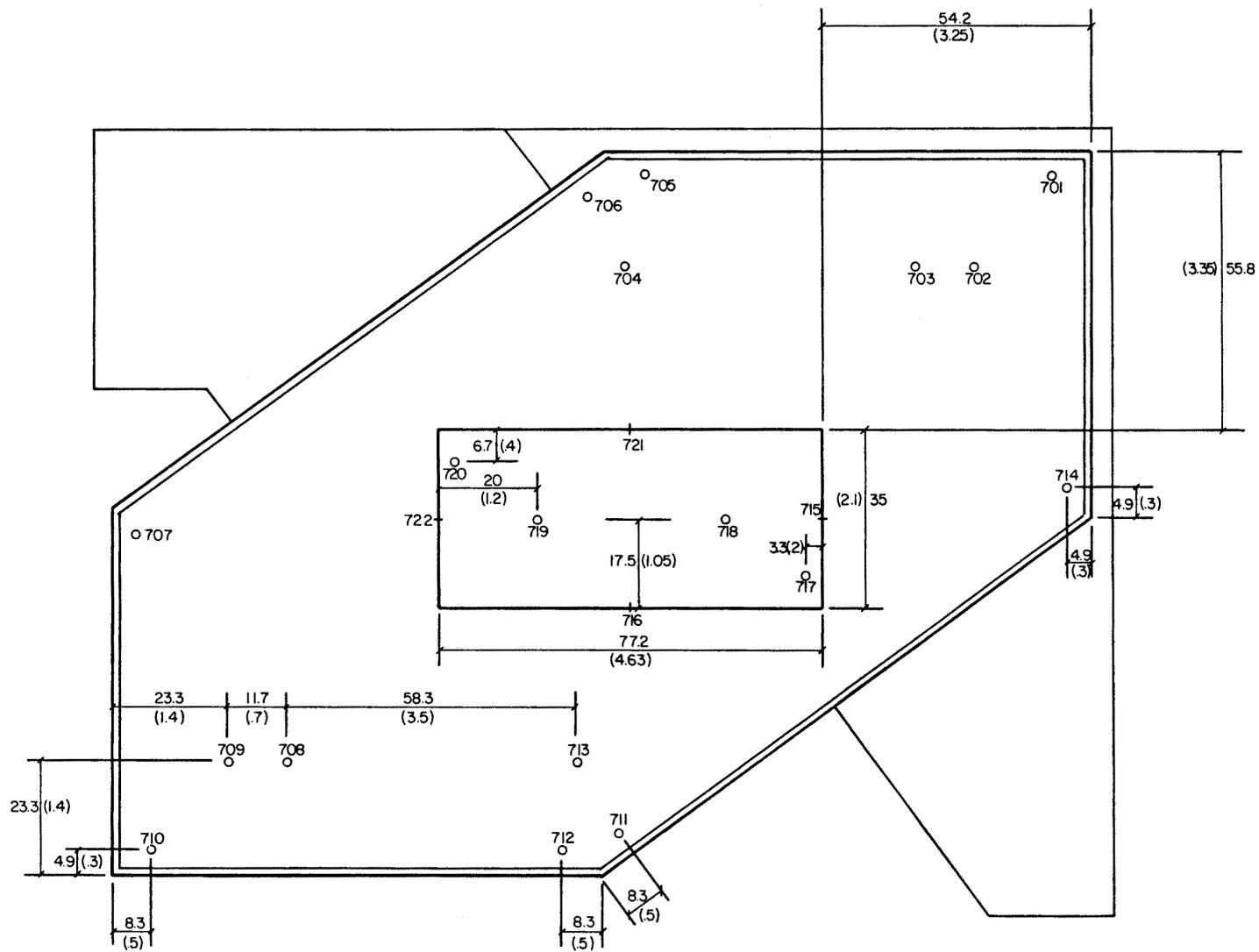


Figure 3g. Pressure tap locations.

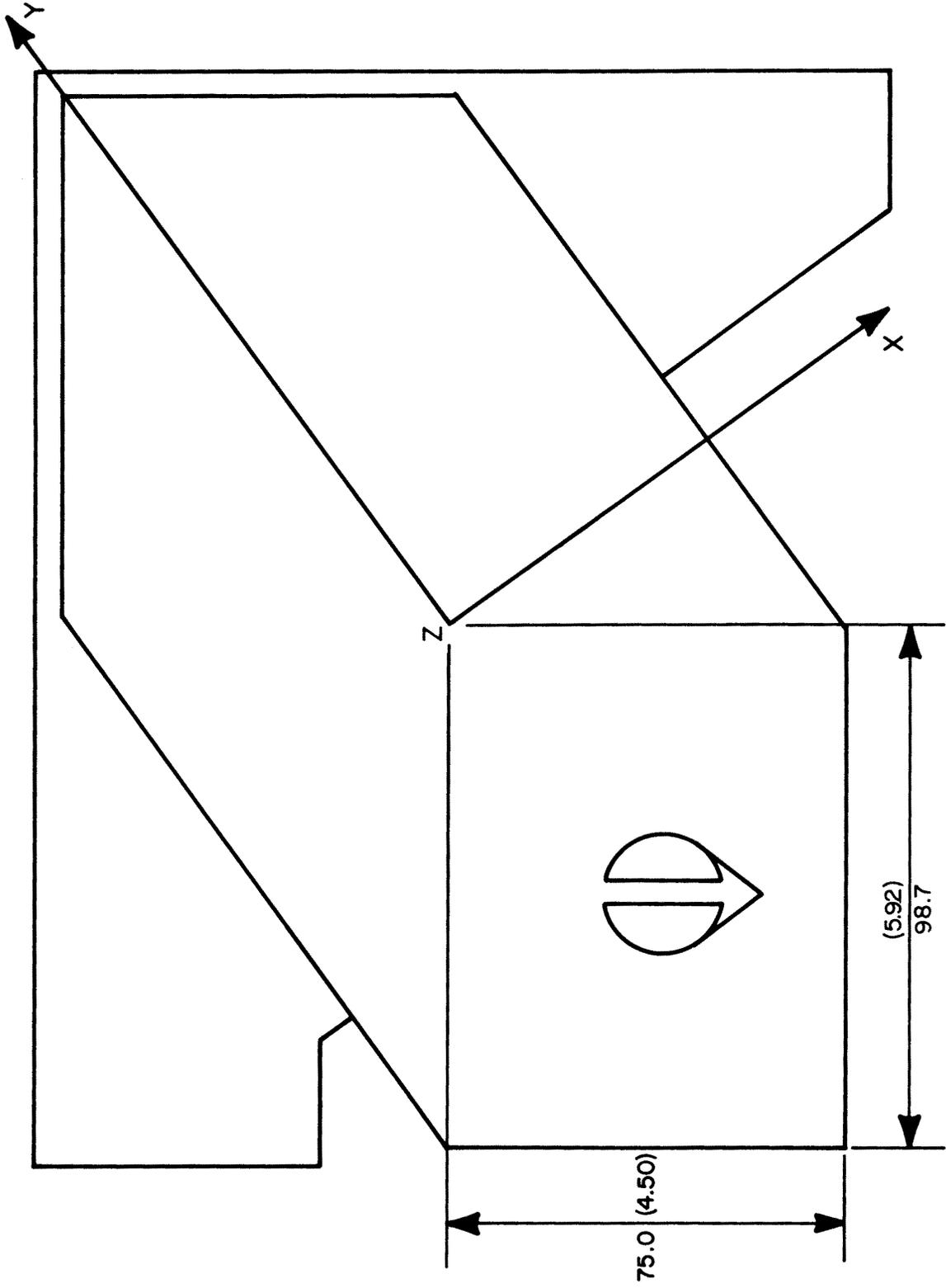


Figure 3h. Force and moment coordinate system.

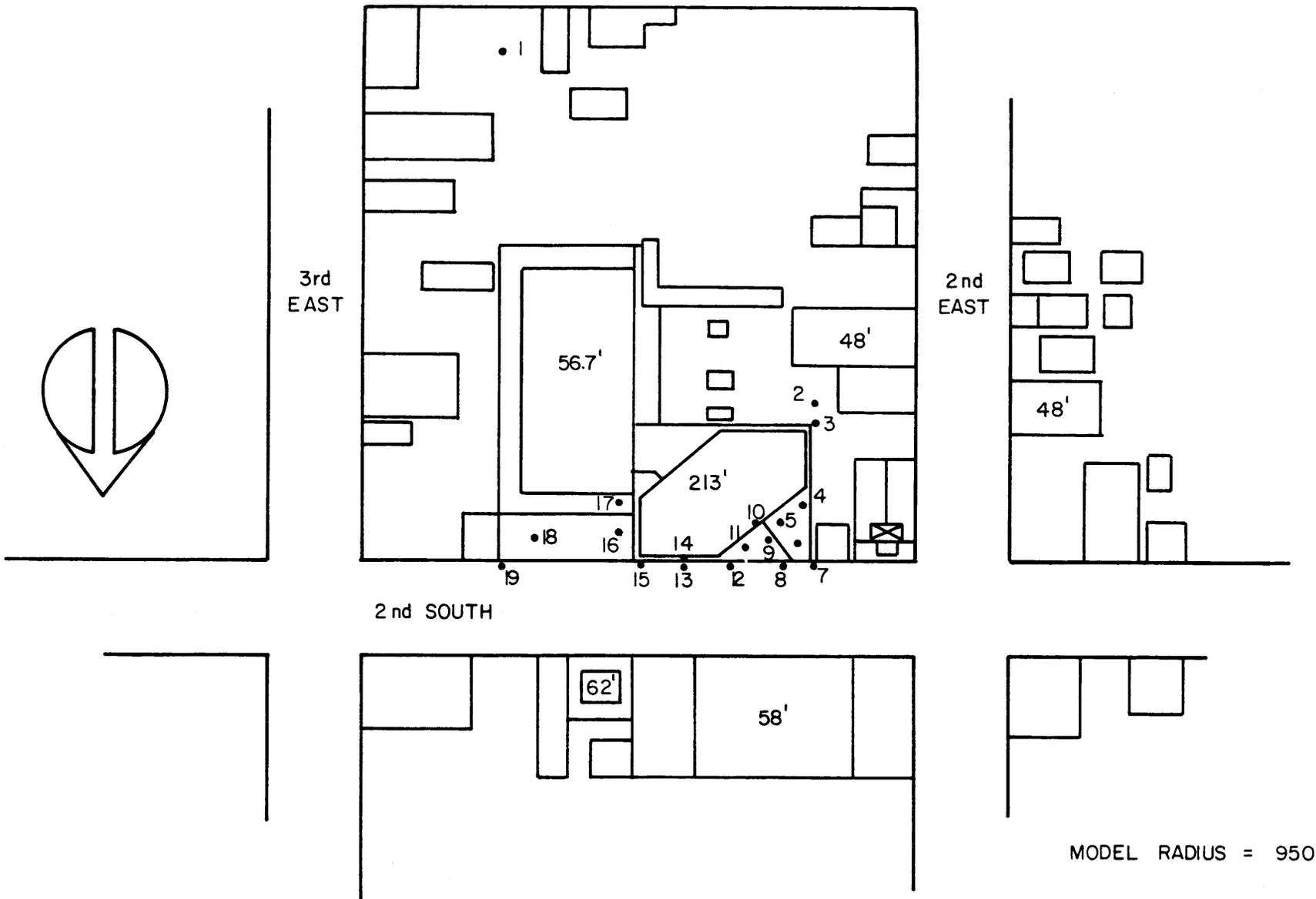


FIGURE 4. BUILDING LOCATION AND PEDESTRIAN WIND VELOCITY MEASURING POSITIONS

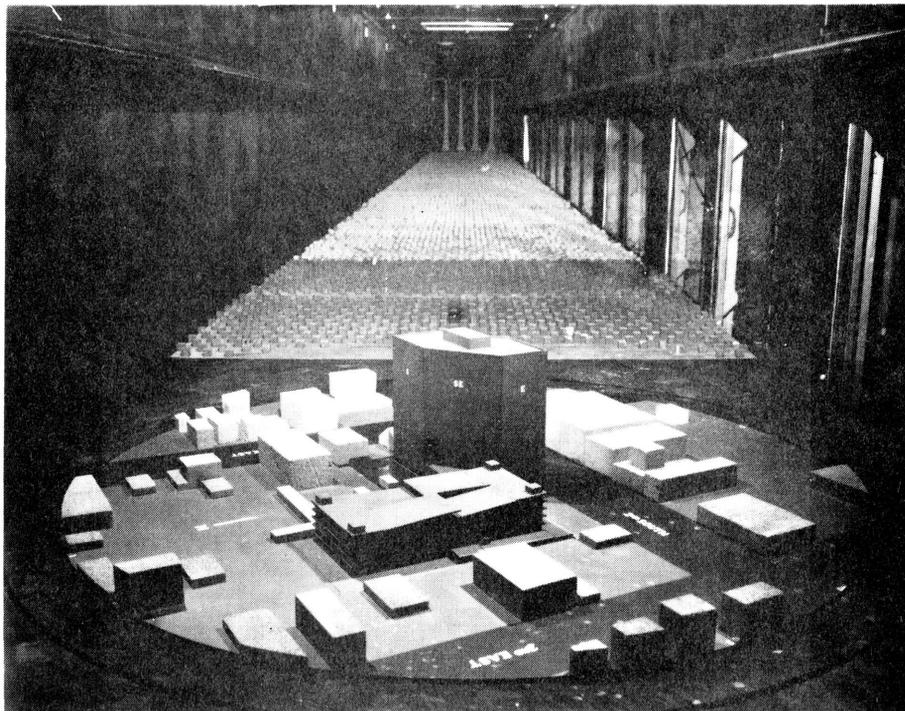
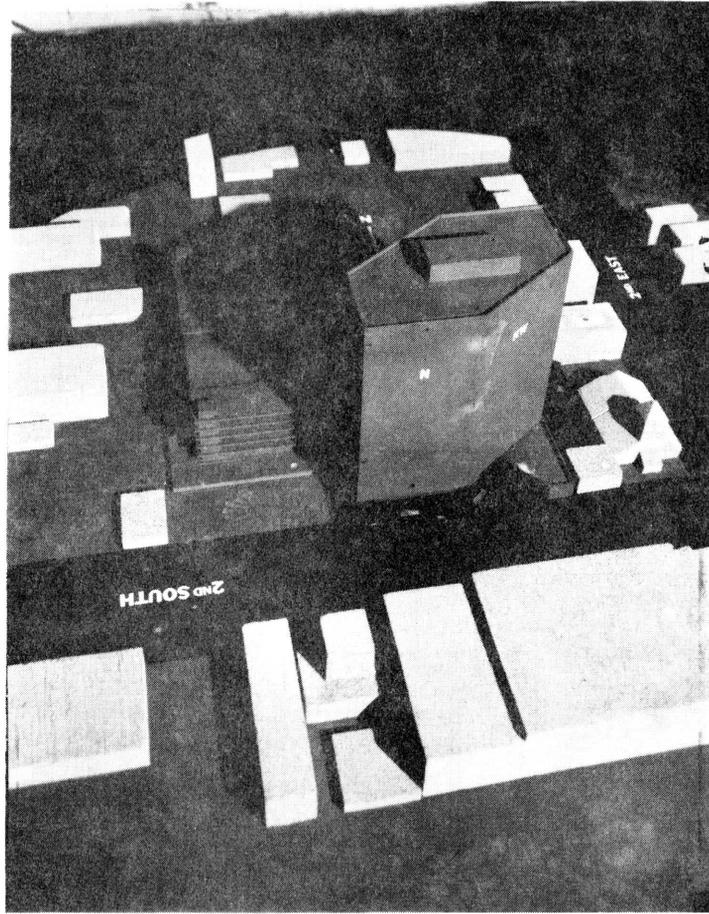


Figure 5. Completed Model in Wind Tunnel.

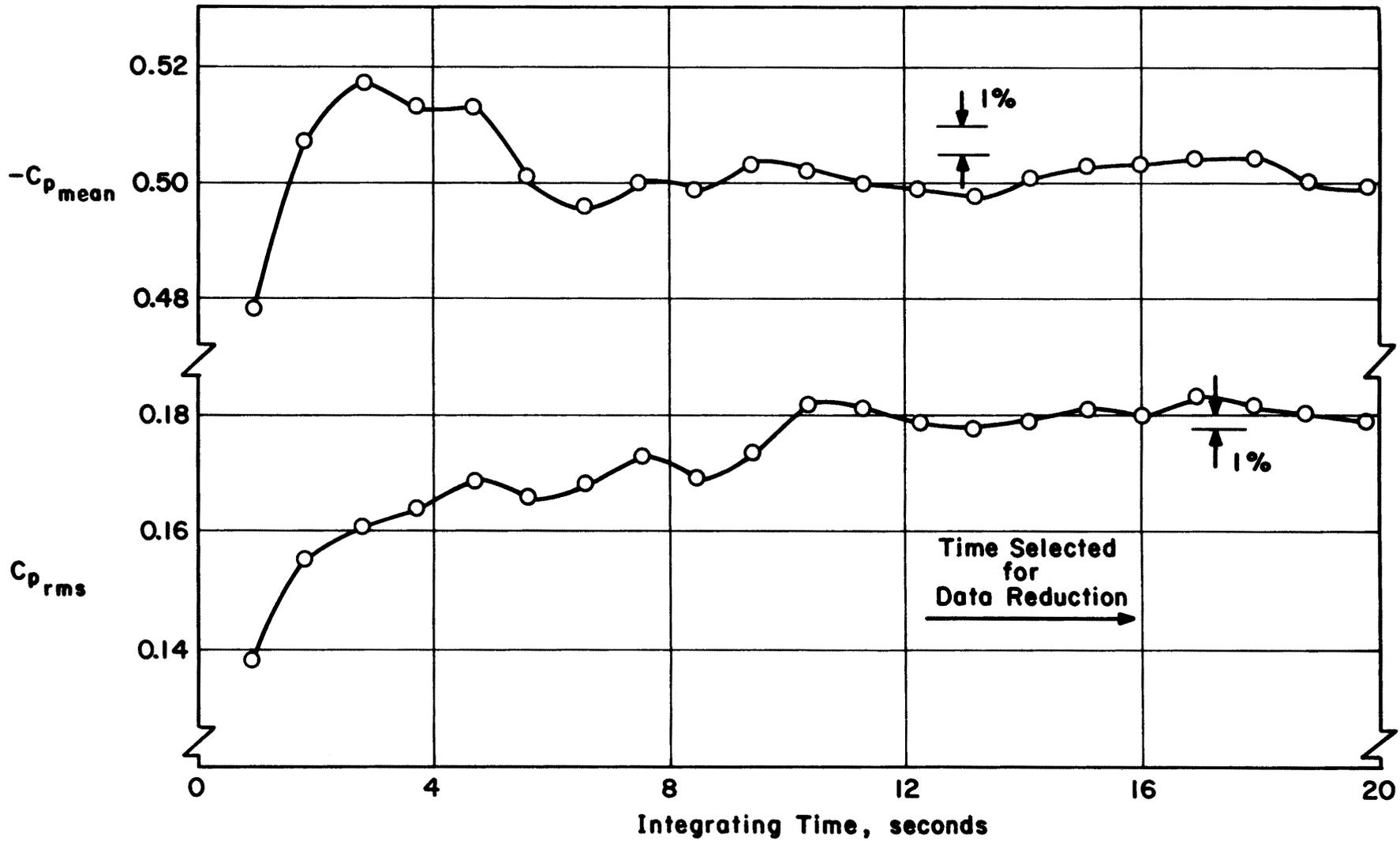
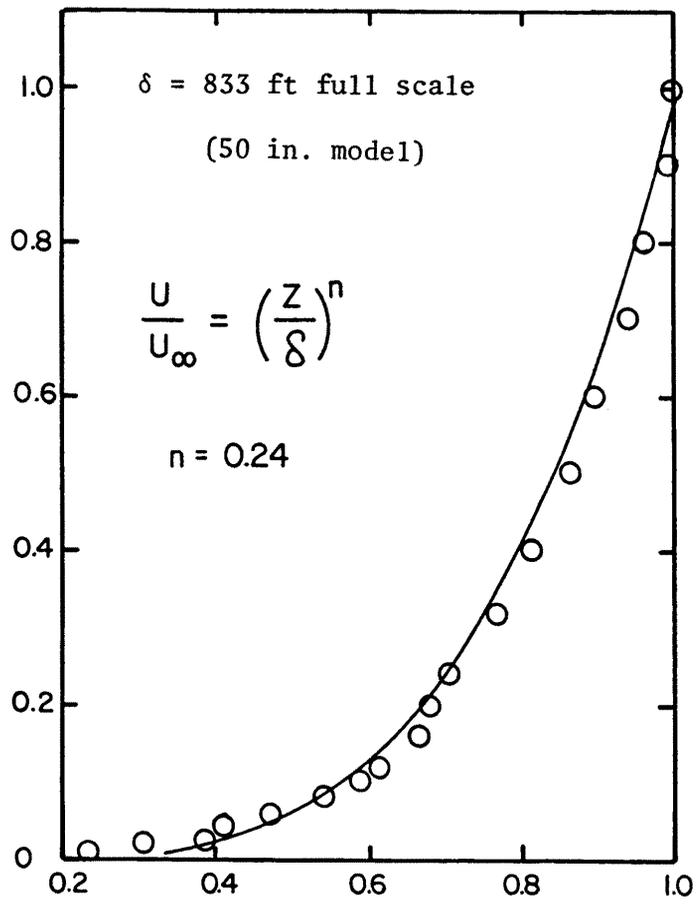
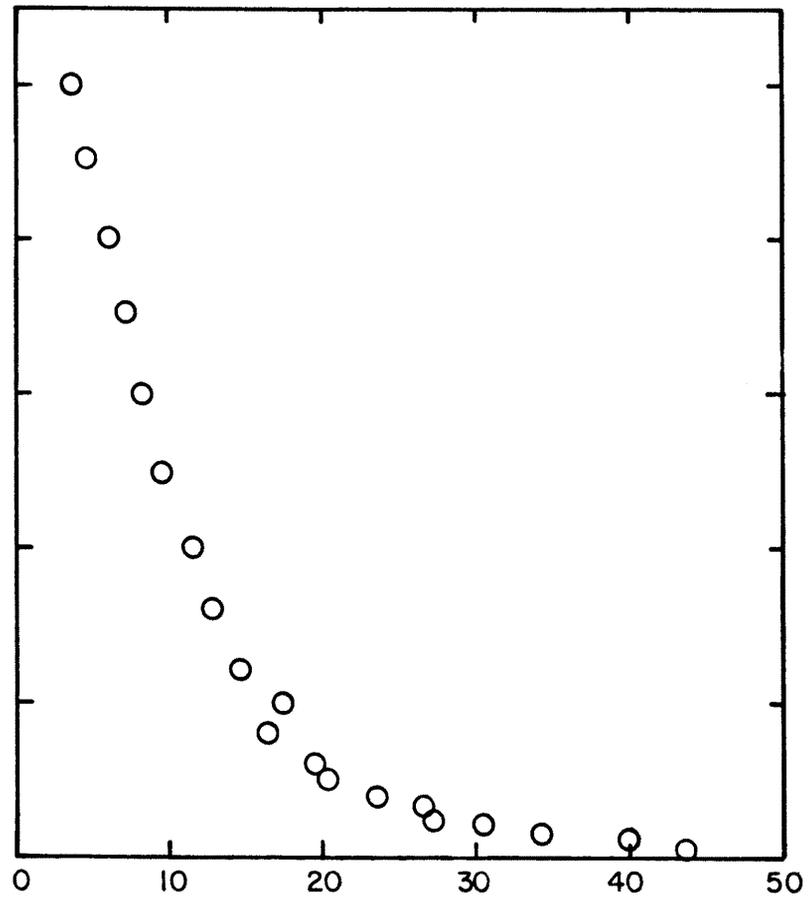


Figure 6 - Data Sampling Time Verification



MEAN VELOCITY, U/U_∞

(a)



TURBULENCE INTENSITY, $U_{rms}/U, \%$

(b)

FIGURE 7. VELOCITY AND TURBULENCE PROFILES APPROACHING THE MODEL

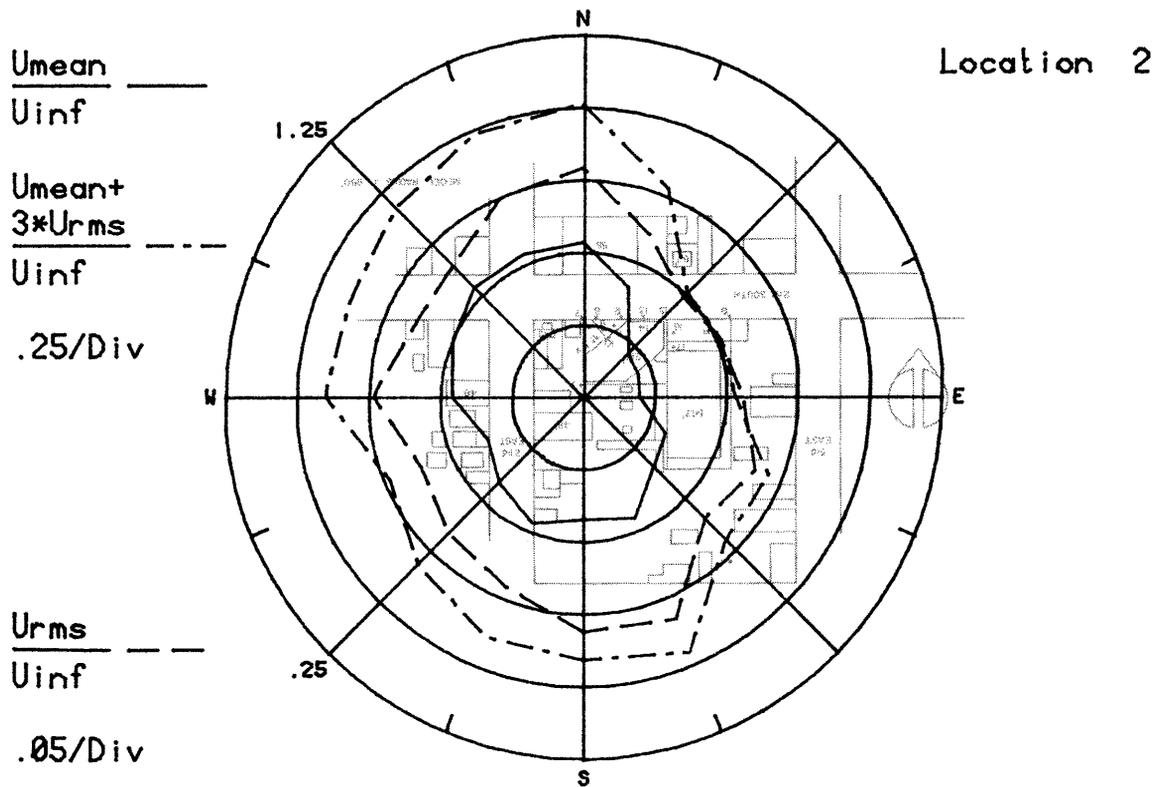
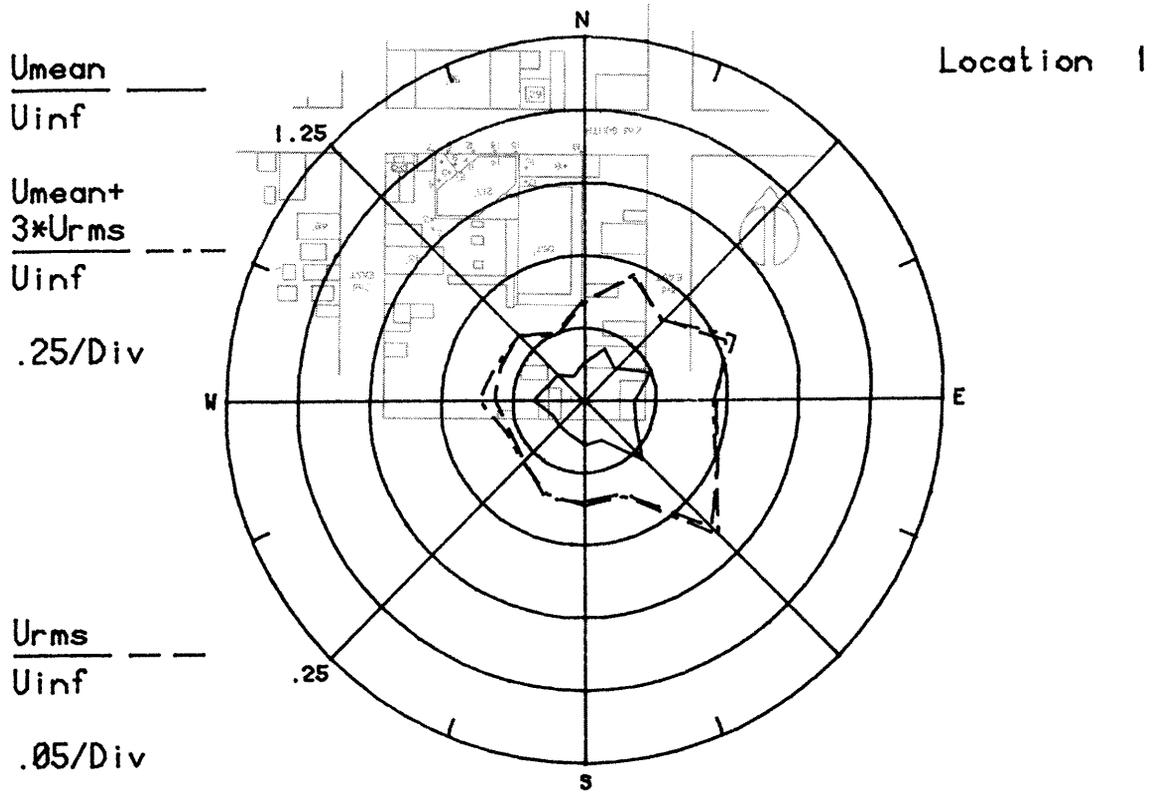


Figure 8a. Mean Velocities and Turbulence Intensities at Pedestrian Locations 1 and 2

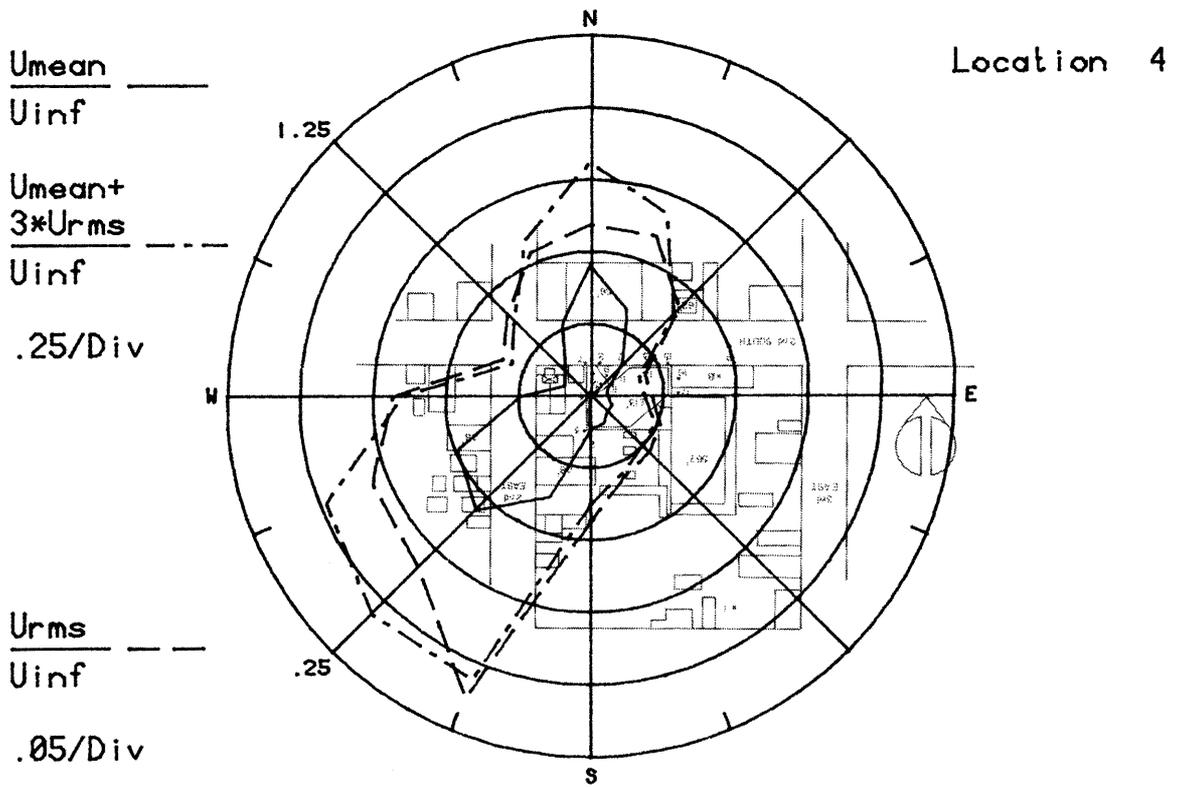
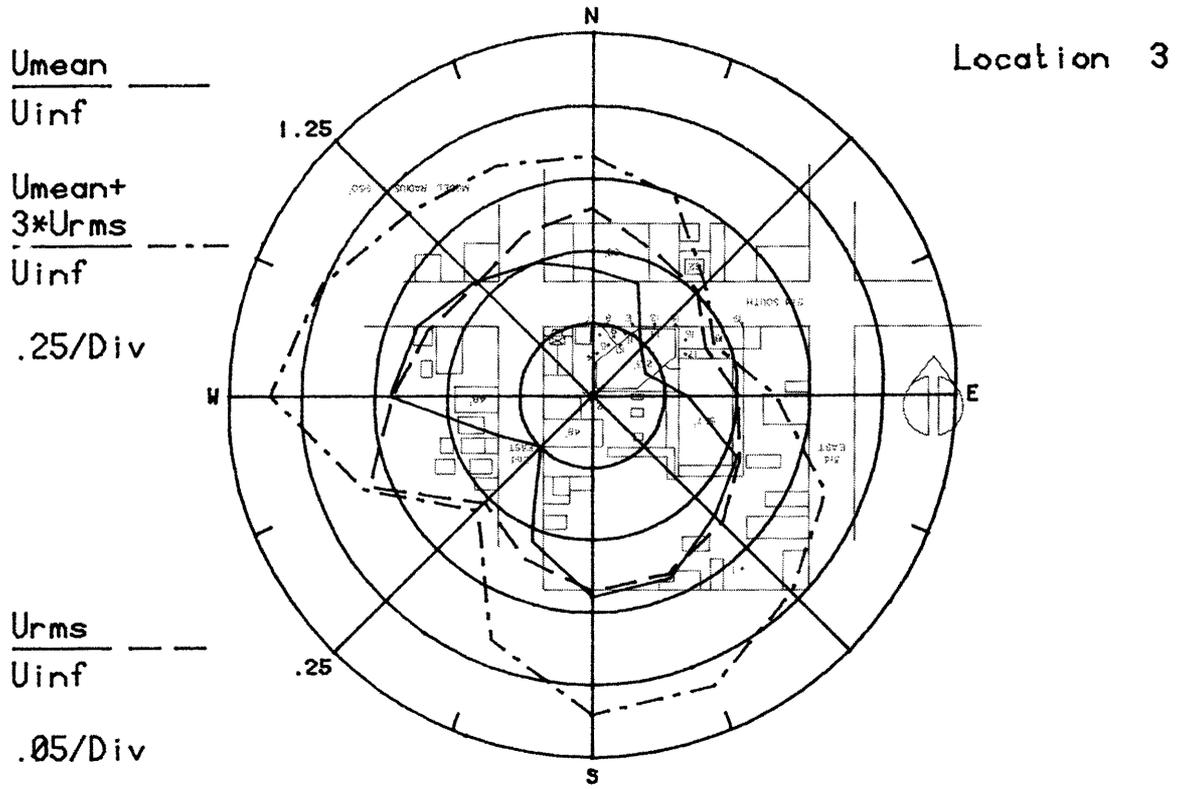


Figure 8b. Mean Velocities and Turbulence Intensities at Pedestrian Locations 3 and 4

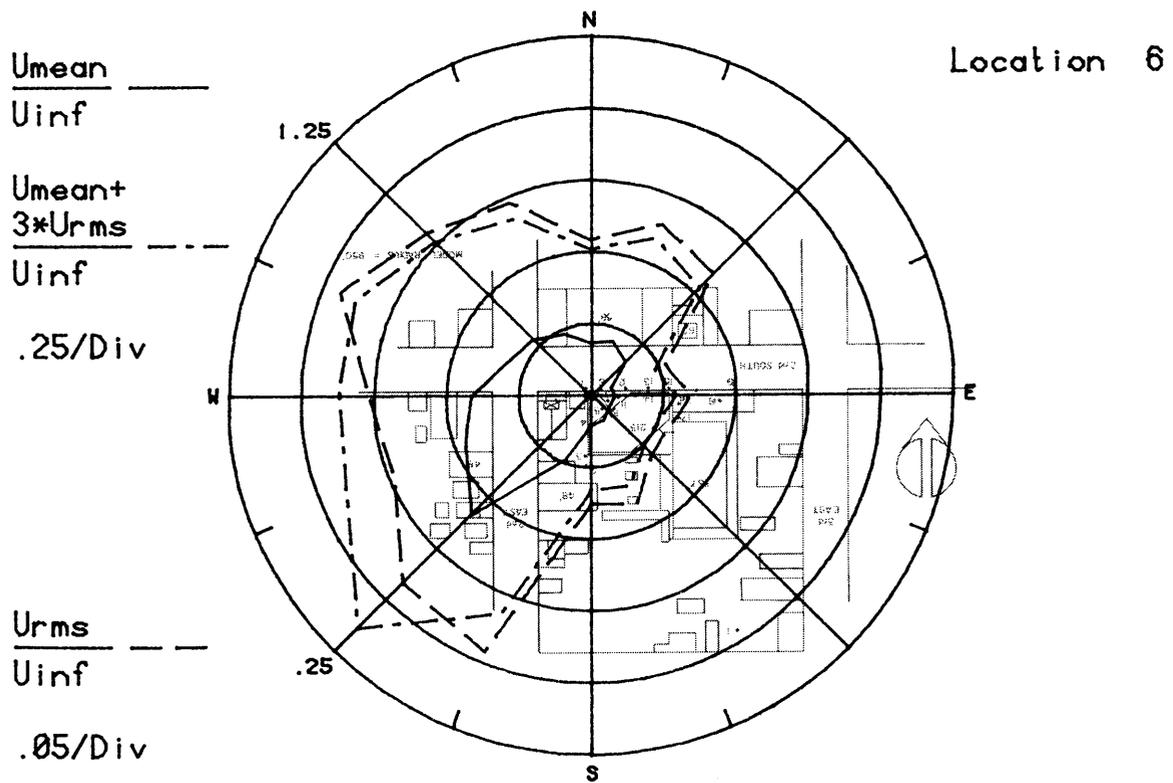
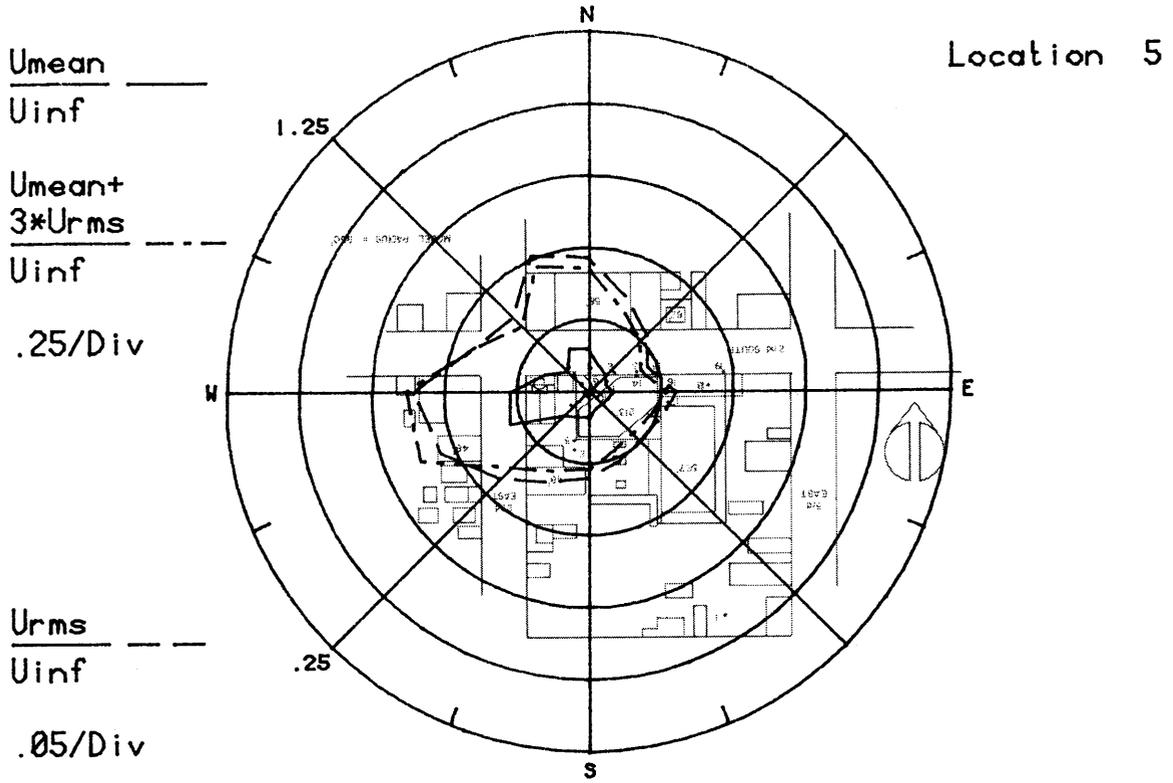


Figure 8c. Mean Velocities and Turbulence Intensities at Pedestrian Locations 5 and 6

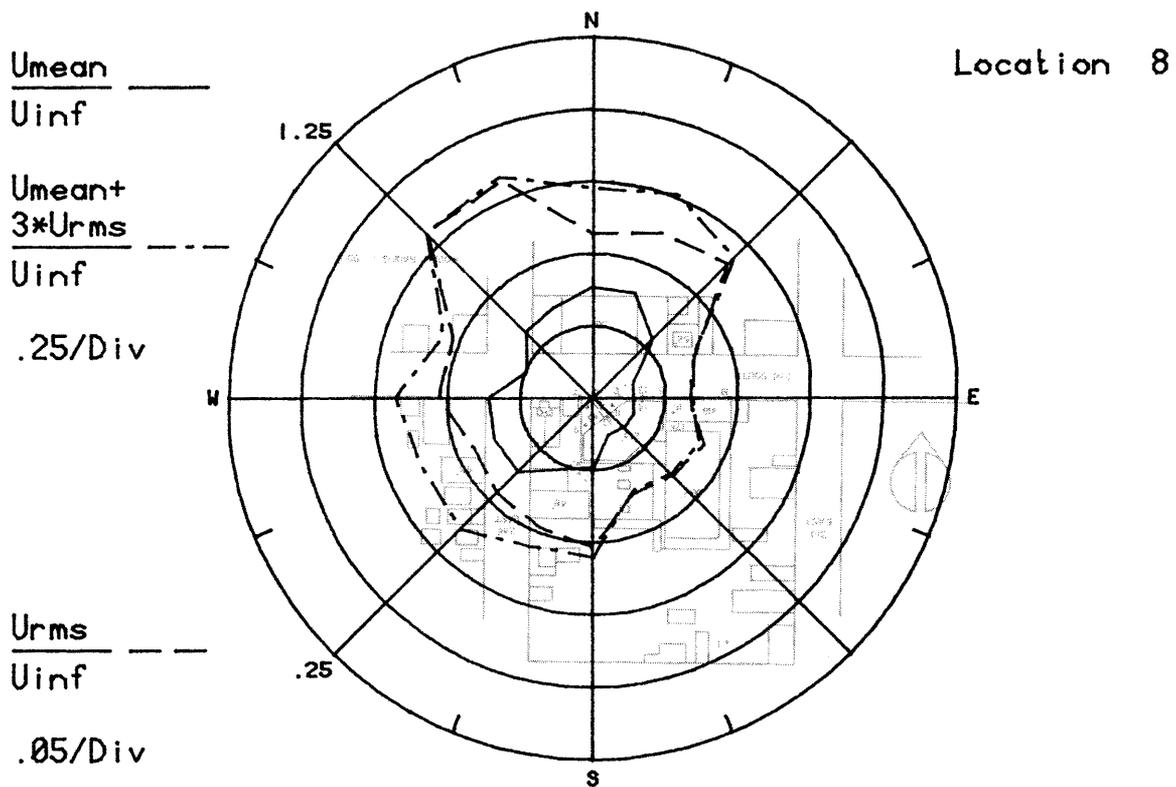
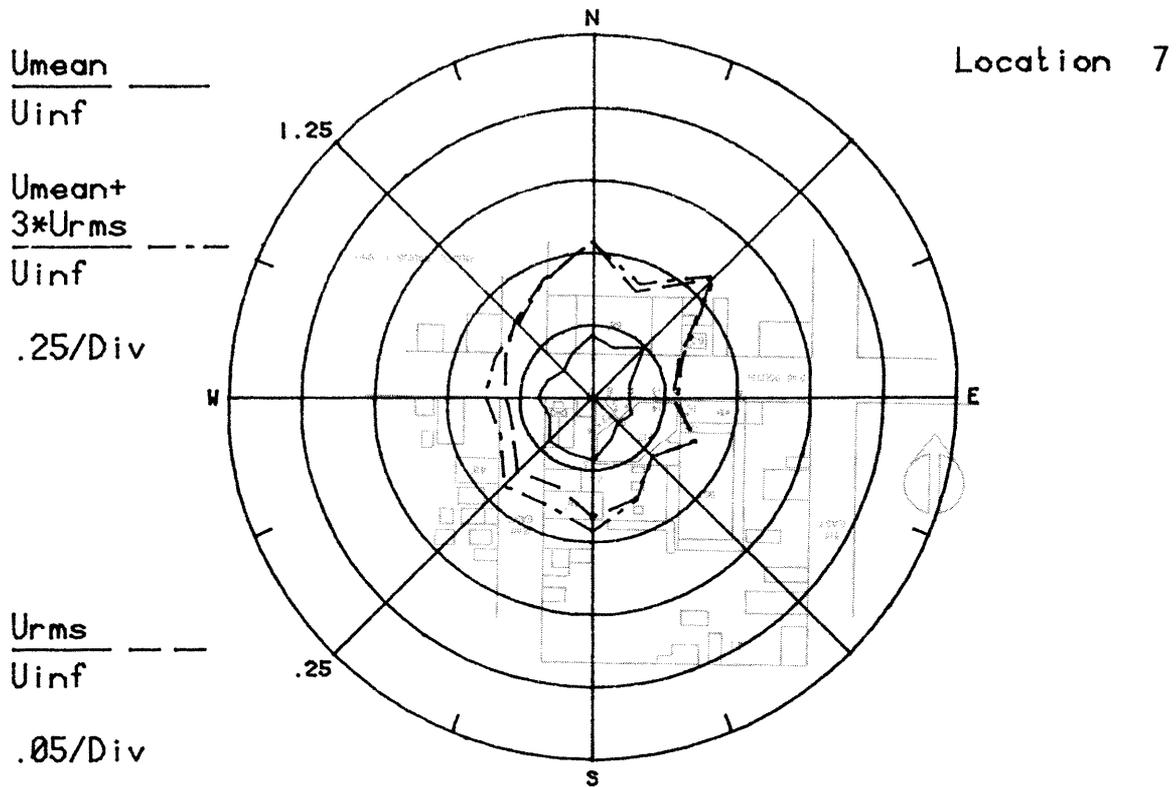


Figure 8d. Mean Velocities and Turbulence Intensities at Pedestrian Locations 7 and 8

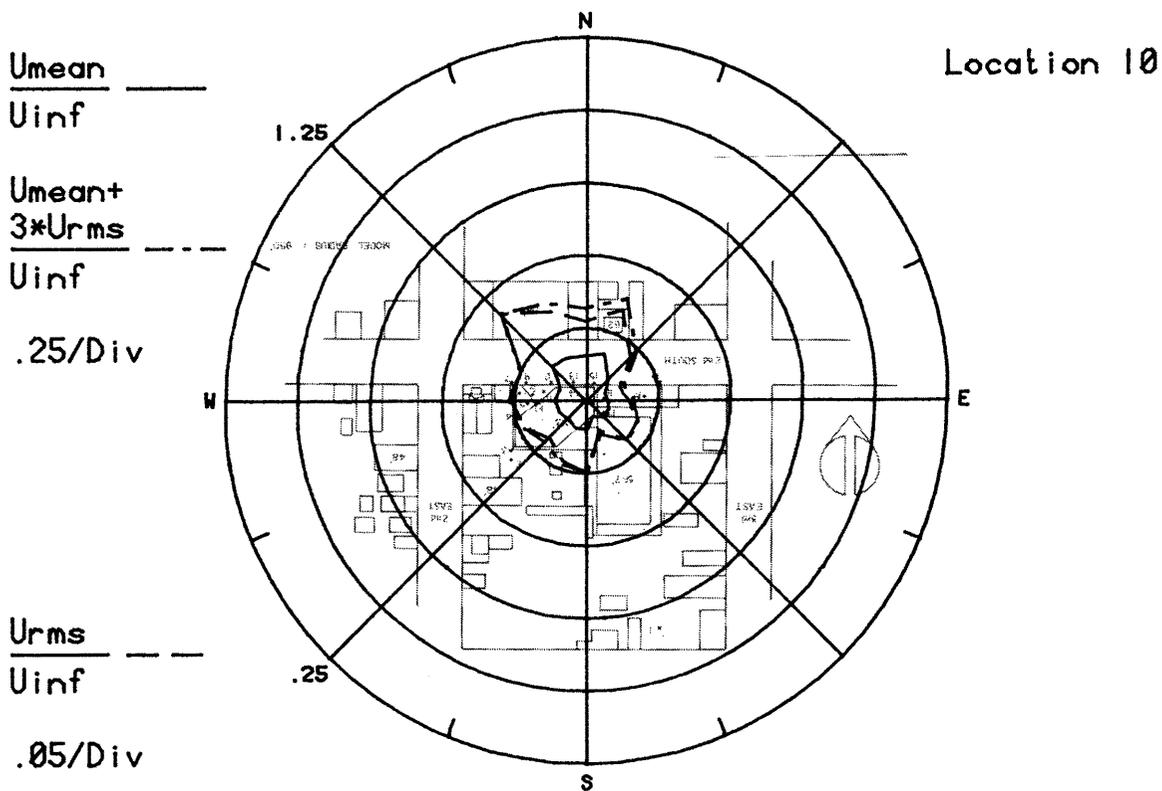
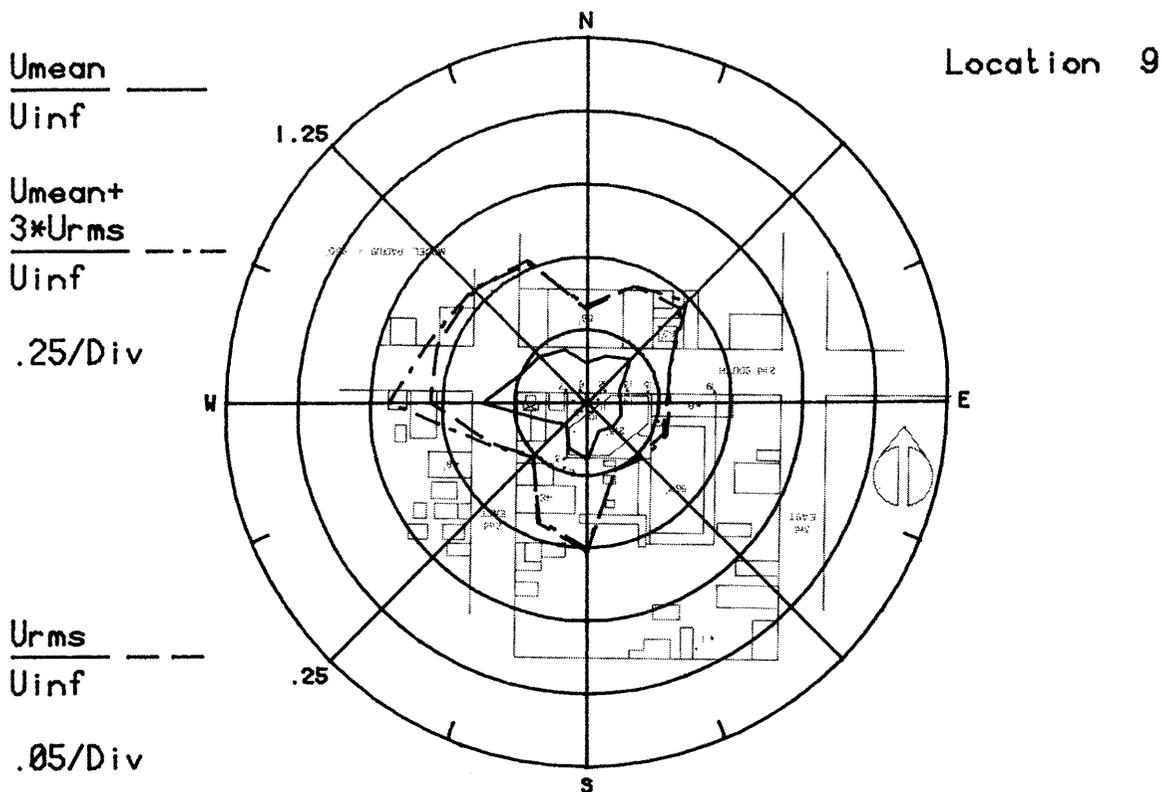


Figure 8e. Mean Velocities and Turbulence Intensities at Pedestrian Locations 9 and 10

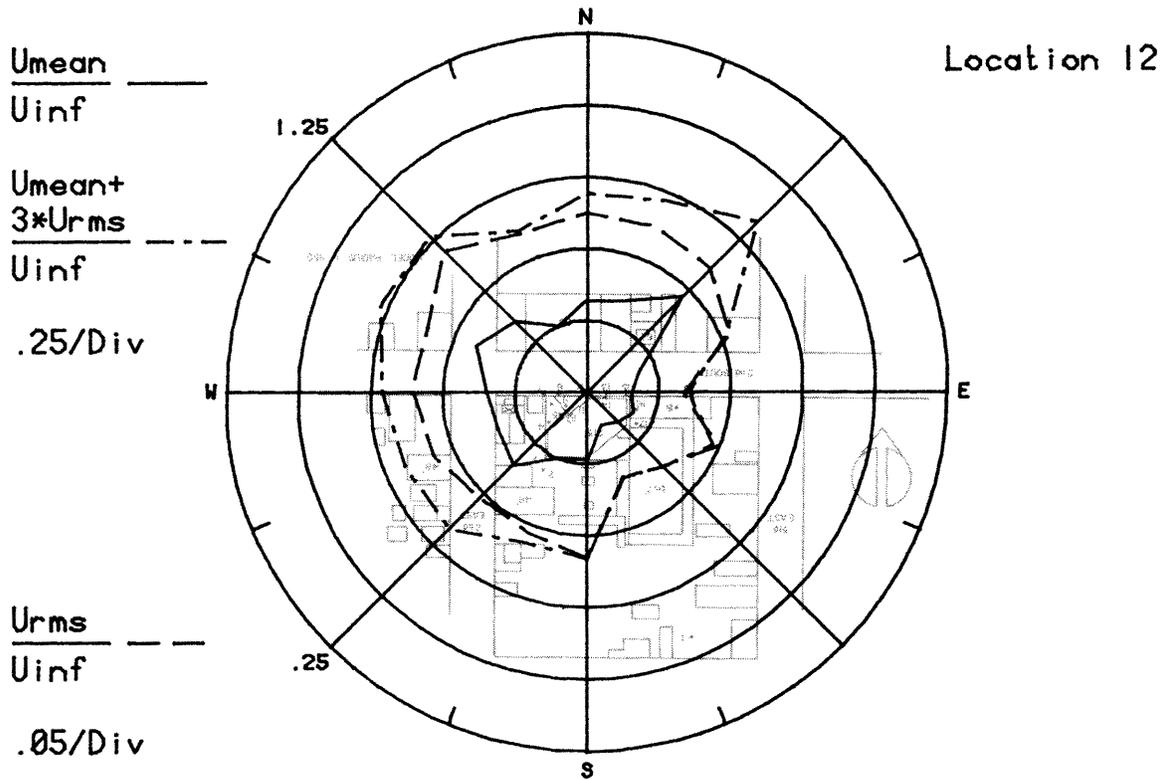
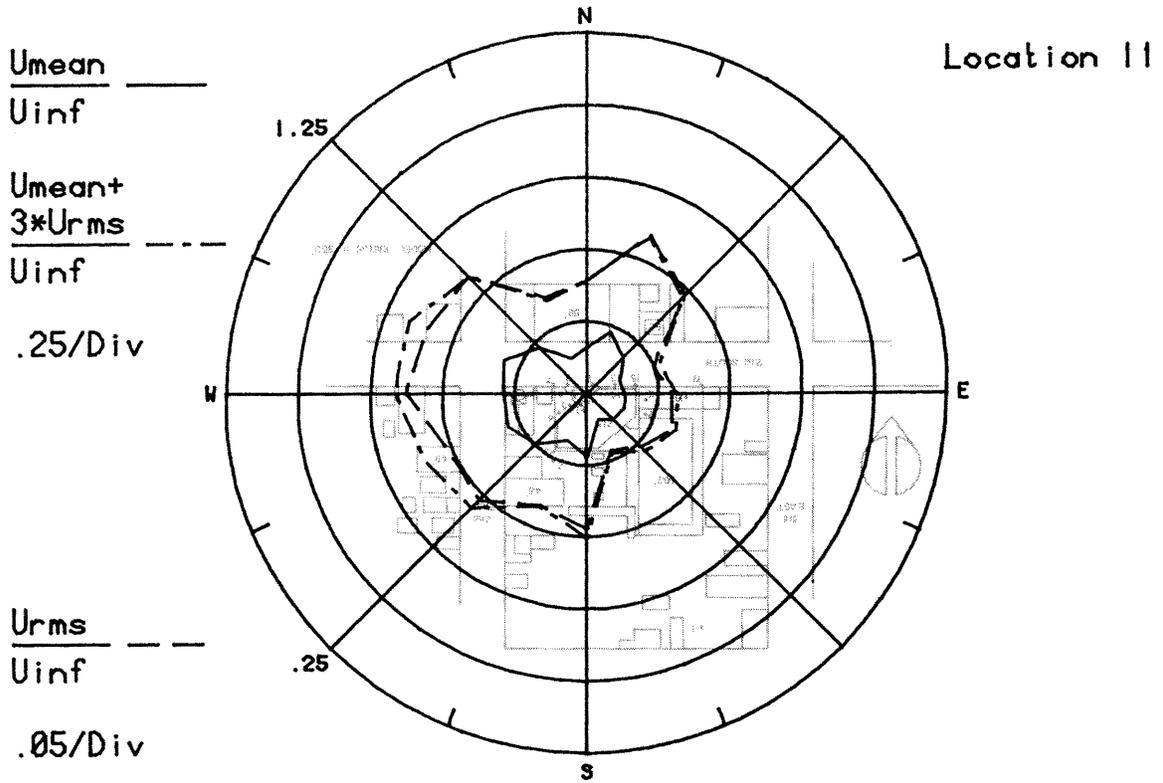


Figure 8f. Mean Velocities and Turbulence Intensities at Pedestrian Locations 11 and 12

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

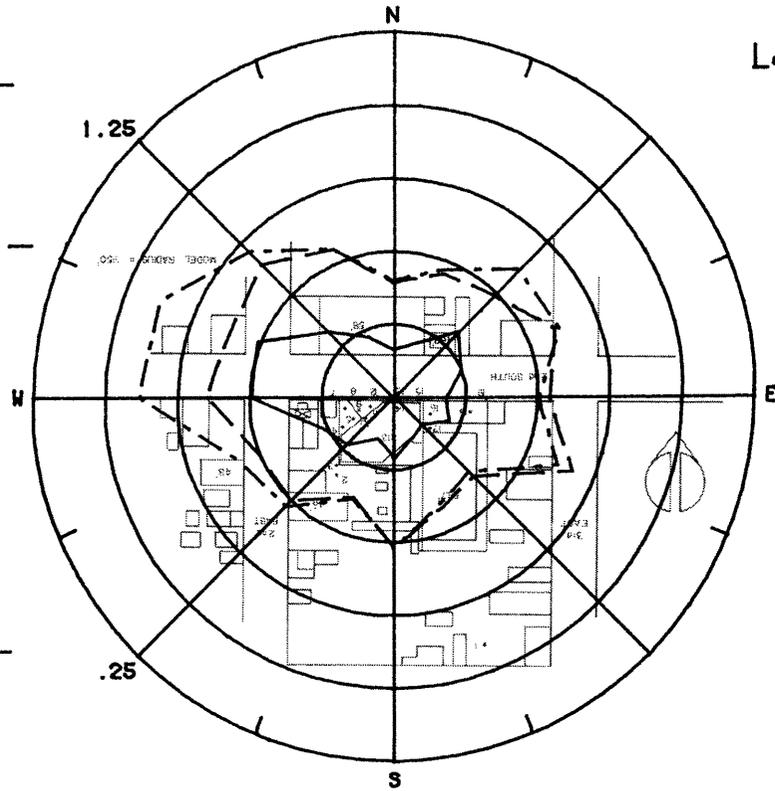
Location 13

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

.25/Div

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

.05/Div



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

Location 14

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

.25/Div

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

.05/Div

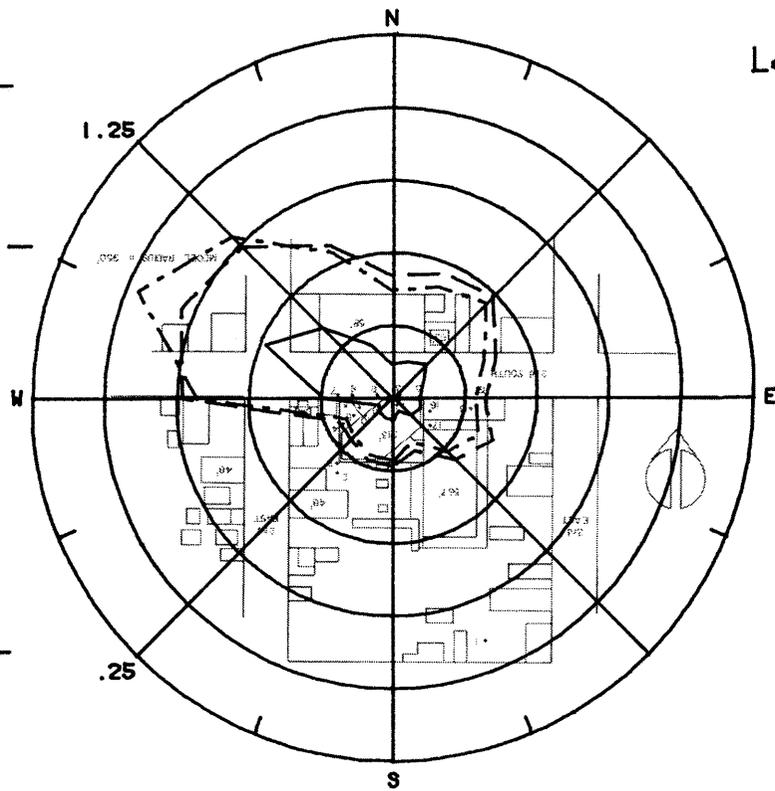


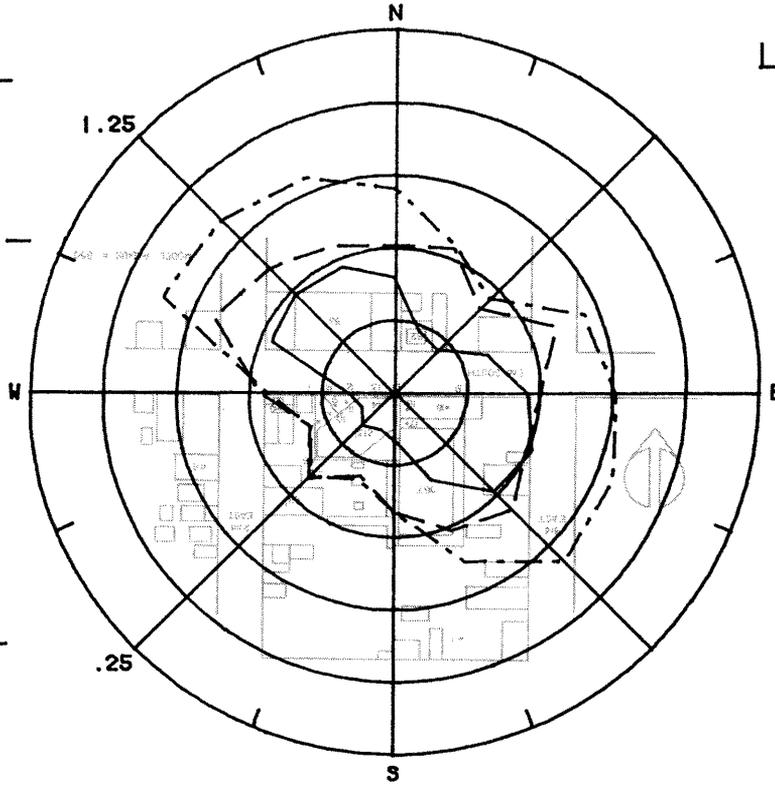
Figure 8g. Mean Velocities and Turbulence Intensities at Pedestrian Locations 13 and 14

$\frac{U_{mean}}{U_{inf}}$ ———

Location 15

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

.25/Div



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

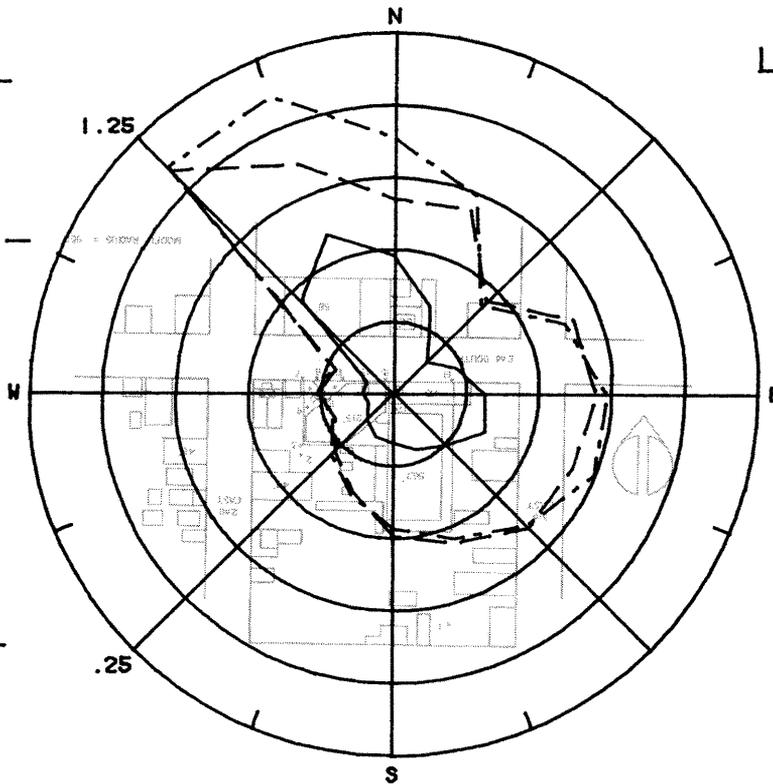
.05/Div

$\frac{U_{mean}}{U_{inf}}$ ———

Location 16

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

.25/Div



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

.05/Div

Figure 8h. Mean Velocities and Turbulence Intensities at Pedestrian Locations 15 and 16

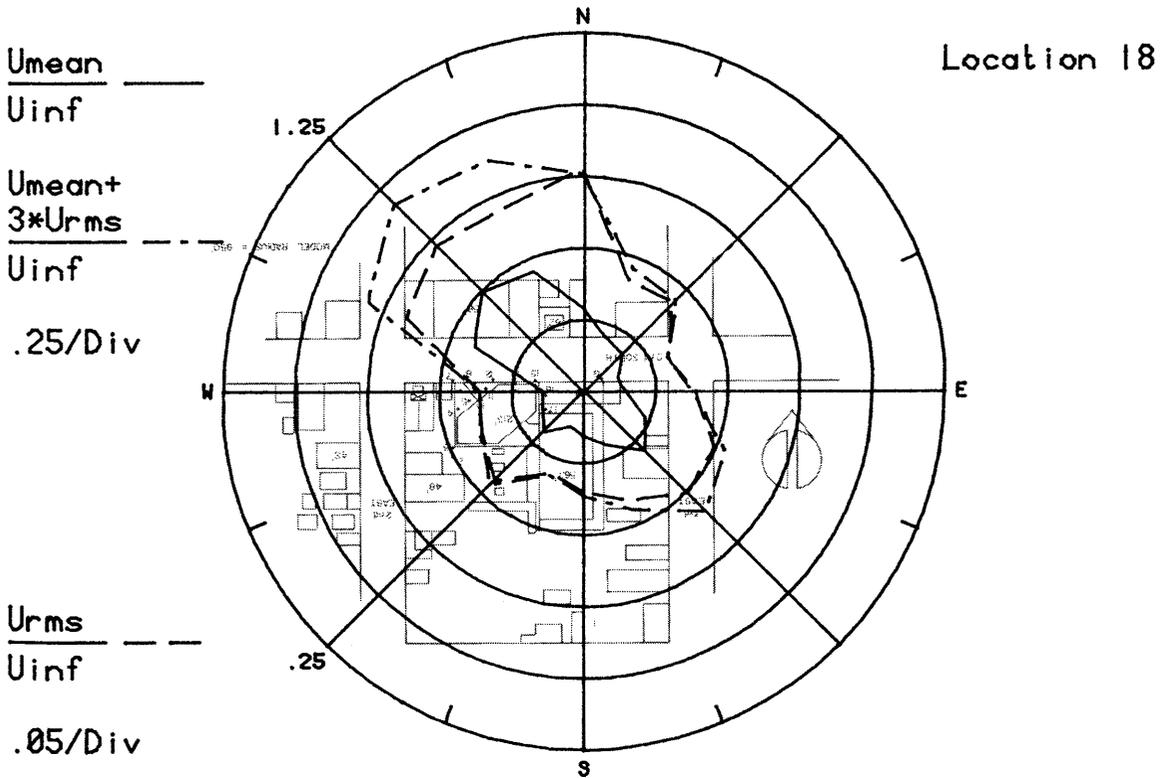
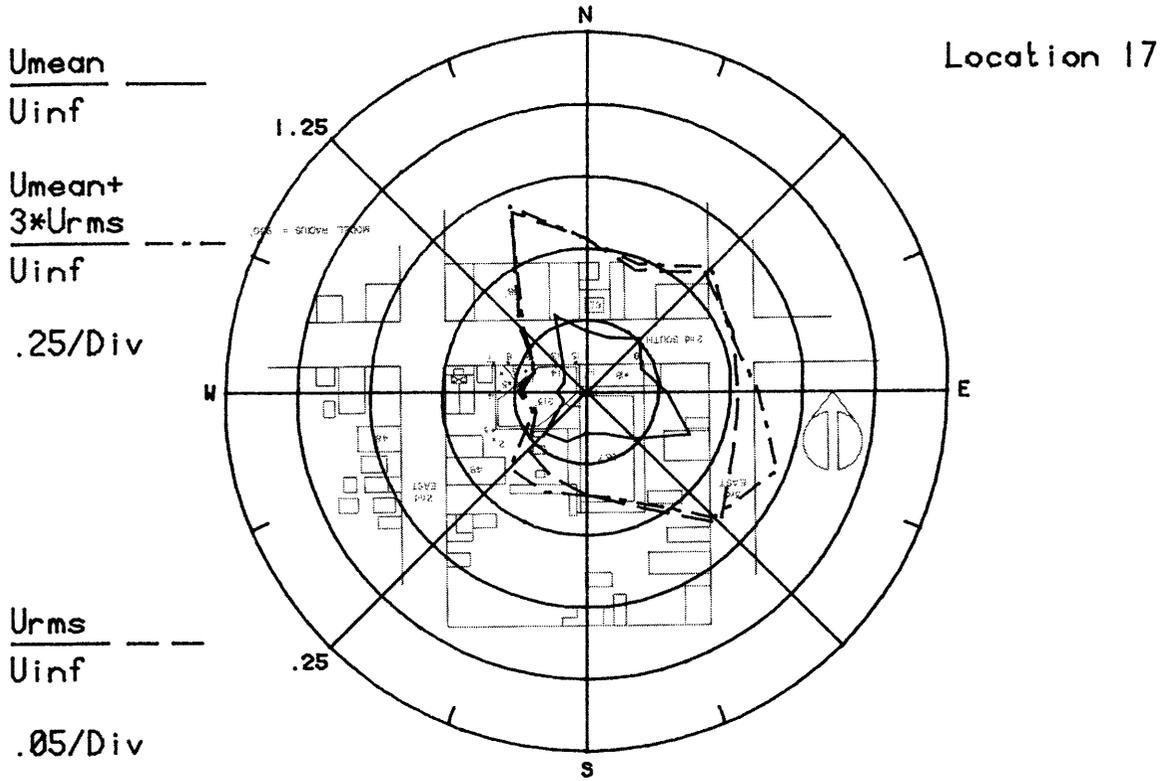


Figure 8i. Mean Velocities and Turbulence Intensities at Pedestrian Locations 17 and 18

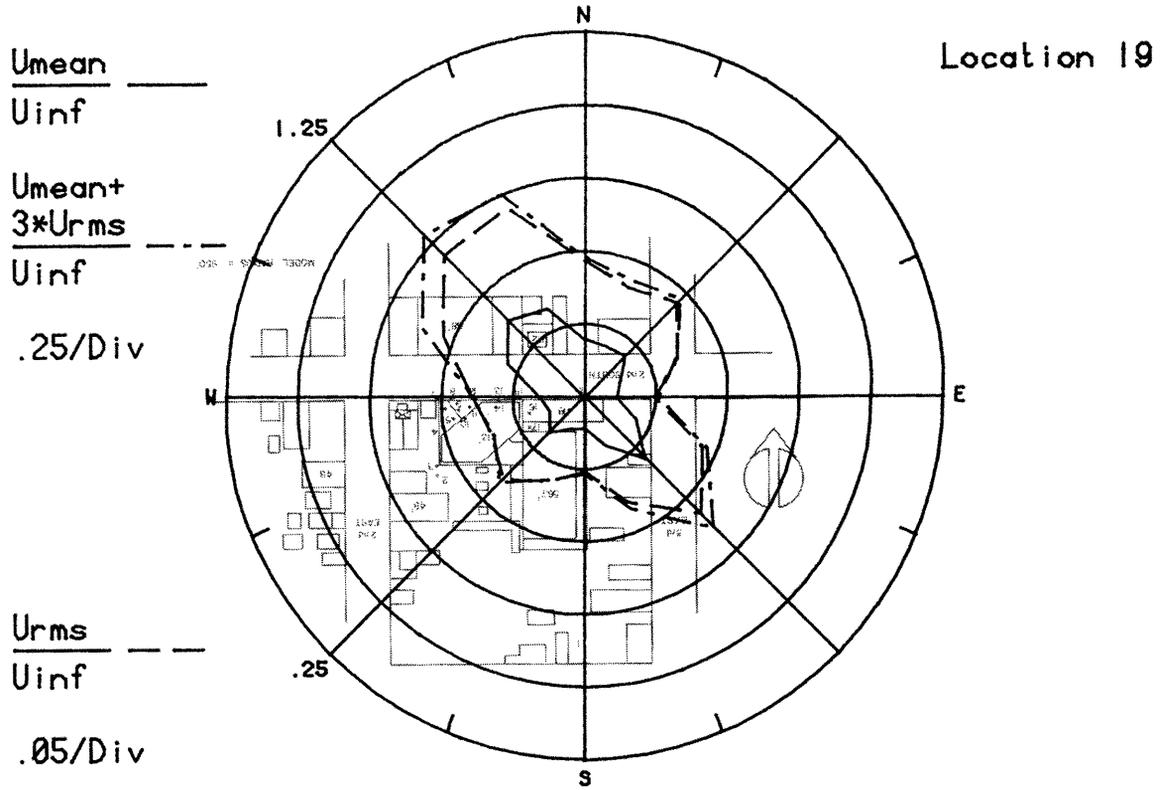


Figure 8j. Mean Velocities and Turbulence Intensities at Pedestrian Location 19

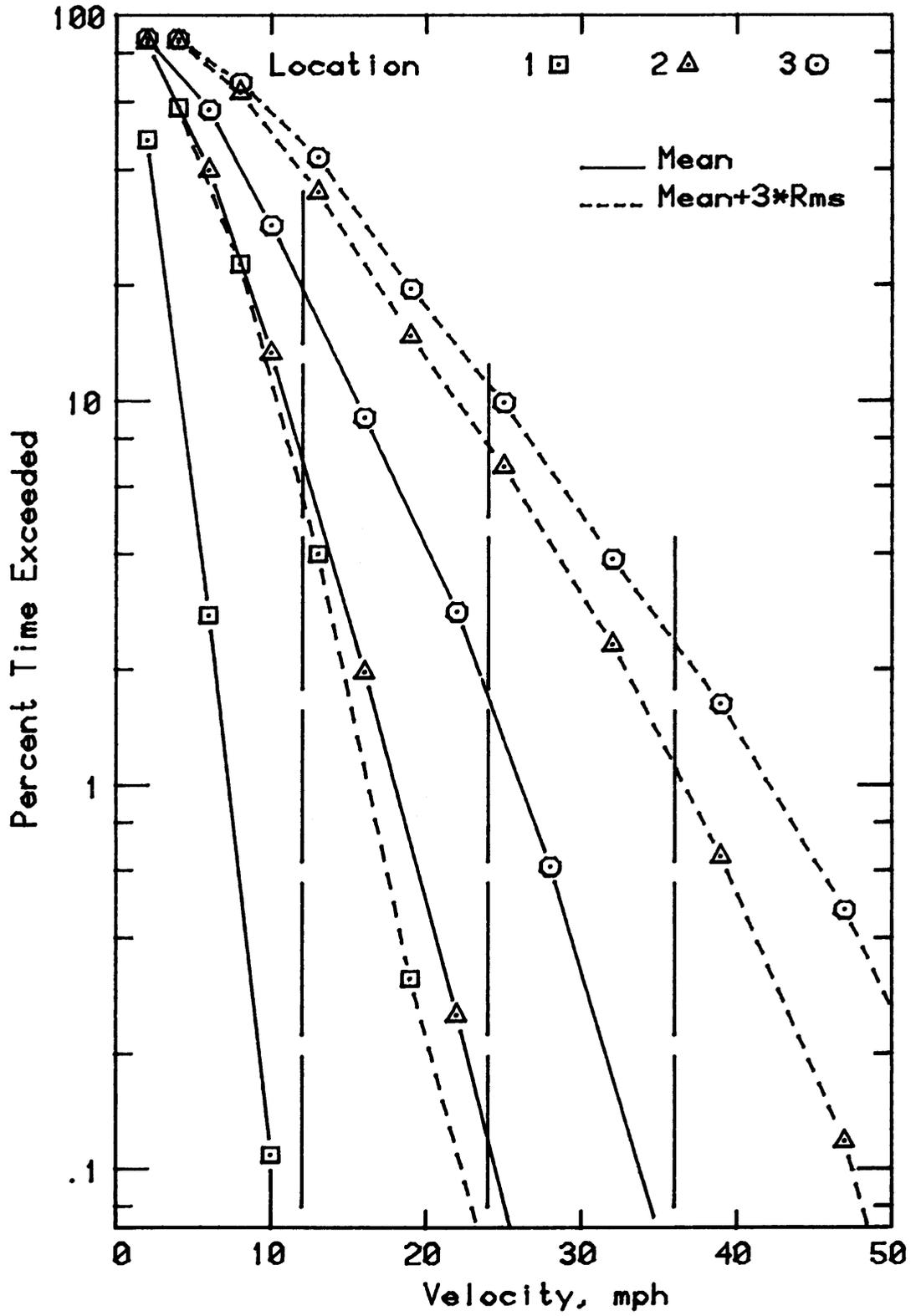


Figure 9a. Wind Velocity Probabilities for Pedestrian Locations

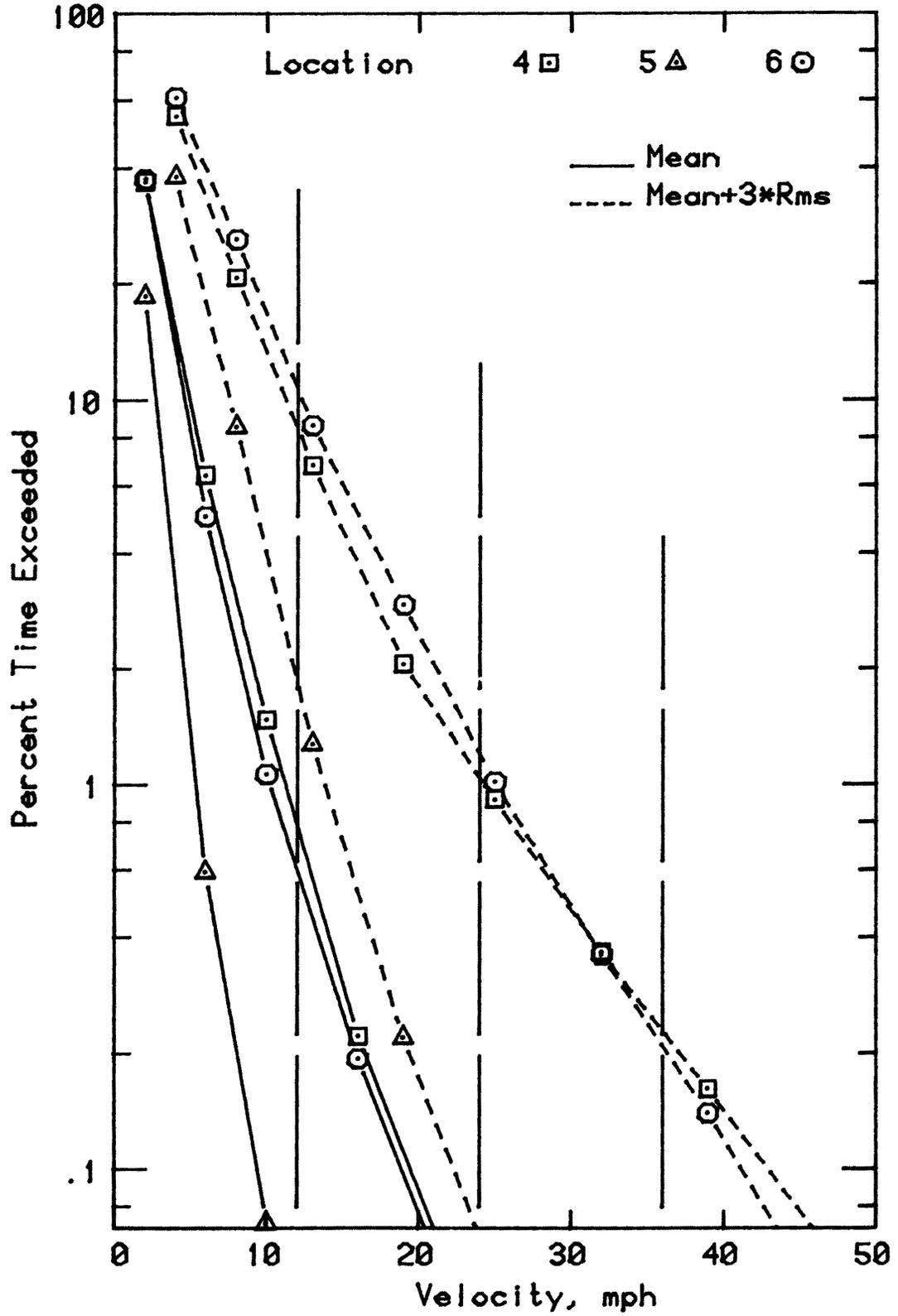


Figure 9b. Wind Velocity Probabilities for Pedestrian Locations

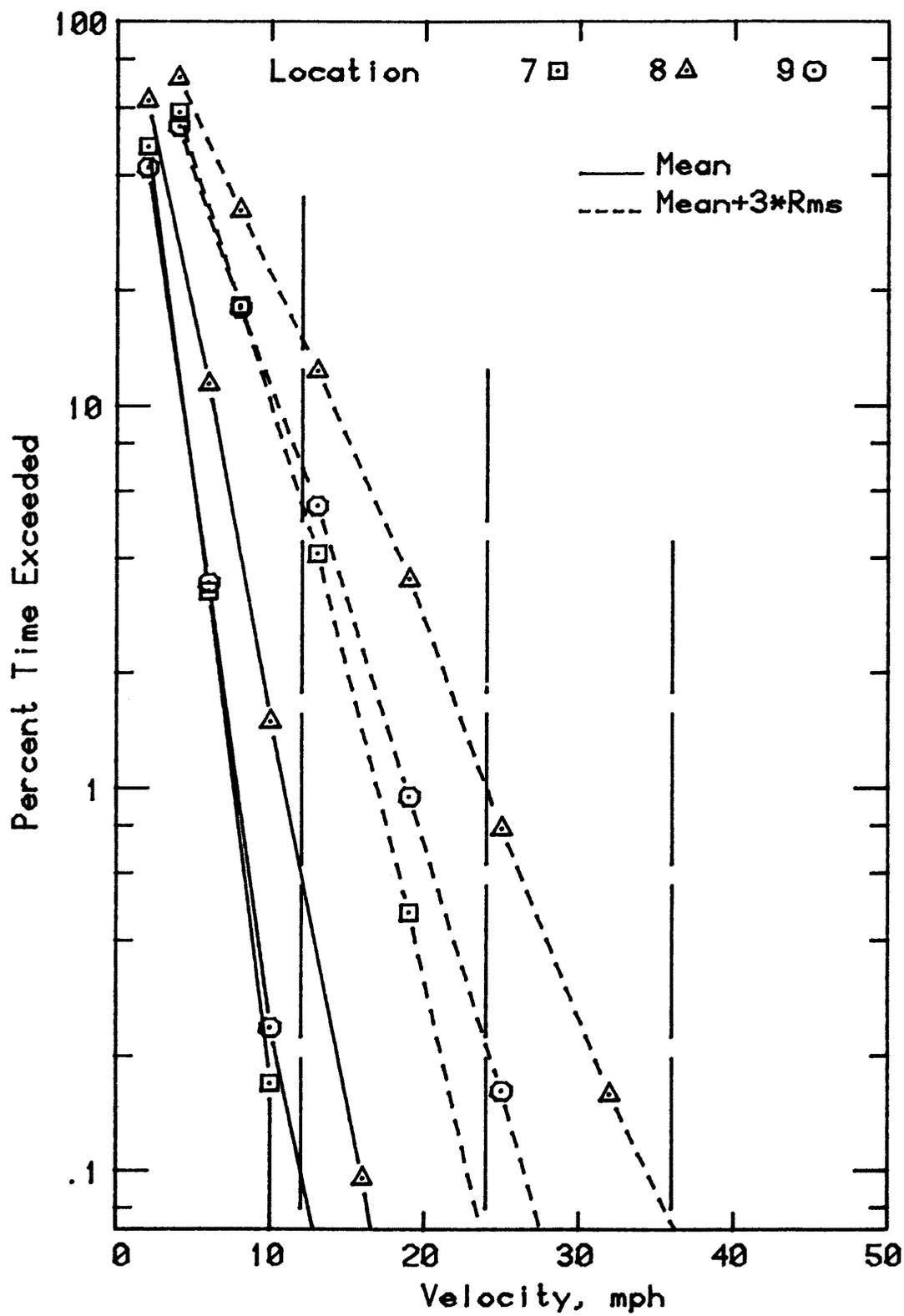


Figure 9c. Wind Velocity Probabilities for Pedestrian Locations

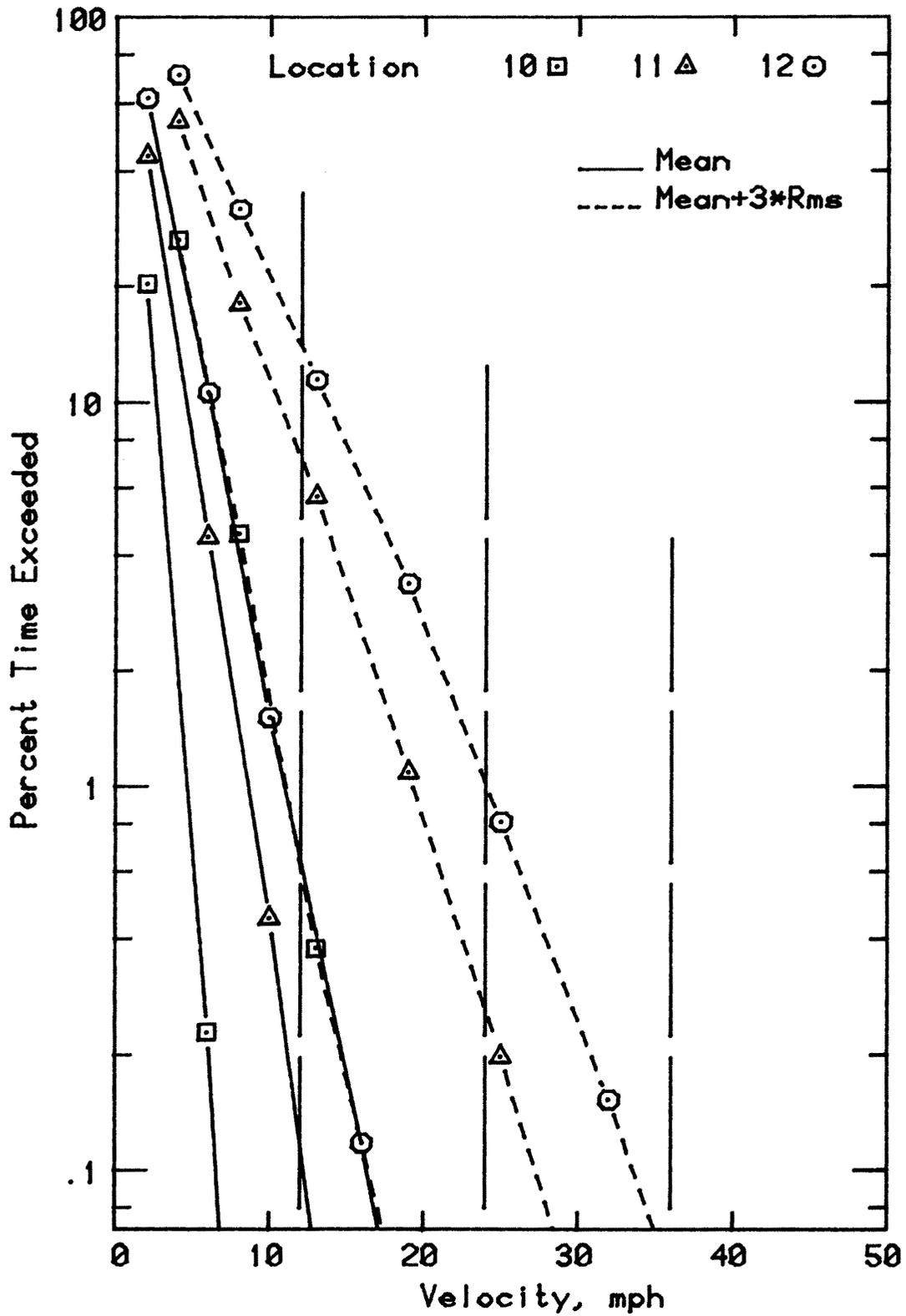


Figure 9d. Wind Velocity Probabilities for Pedestrian Locations

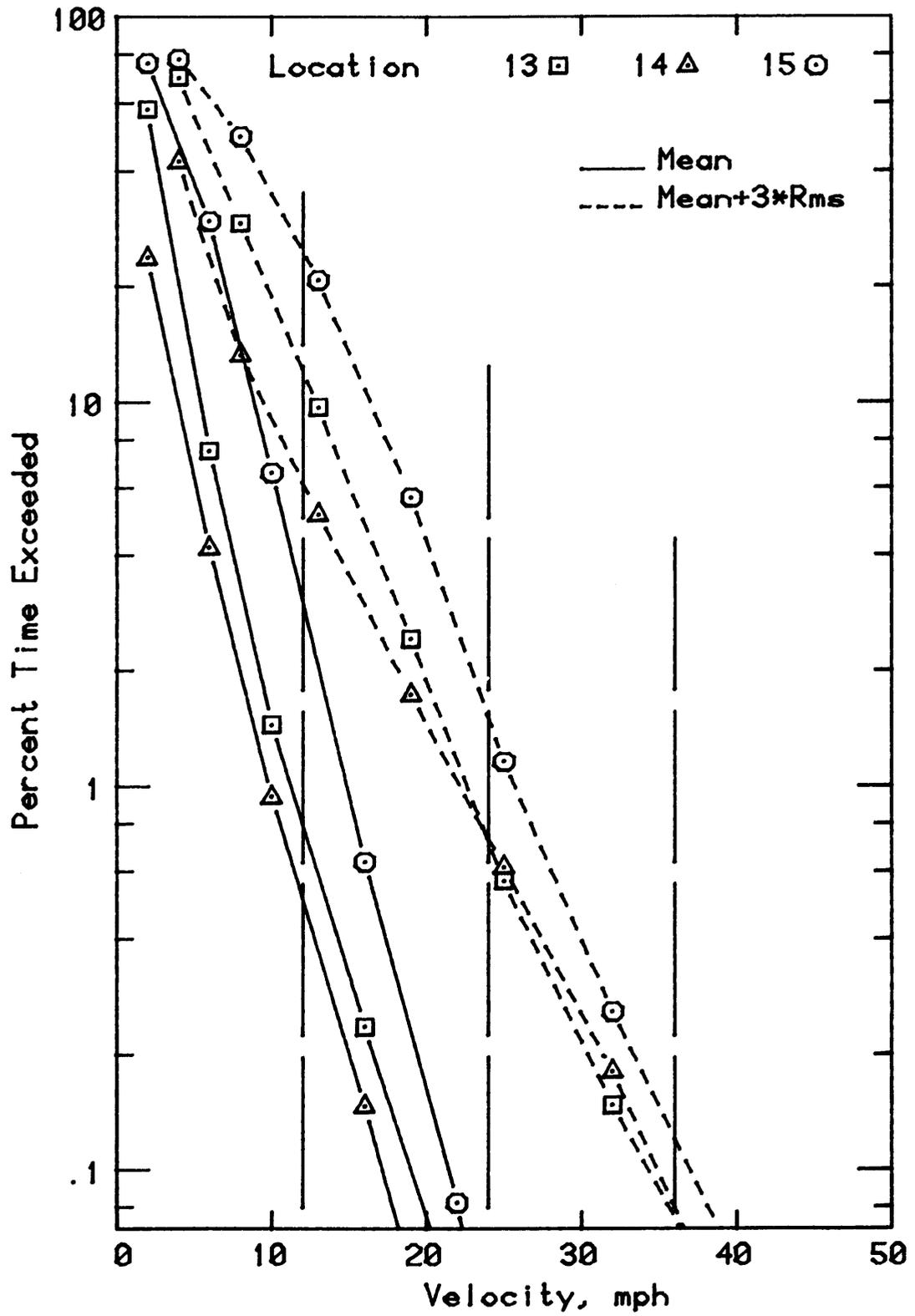


Figure 9e. Wind Velocity Probabilities for Pedestrian Locations

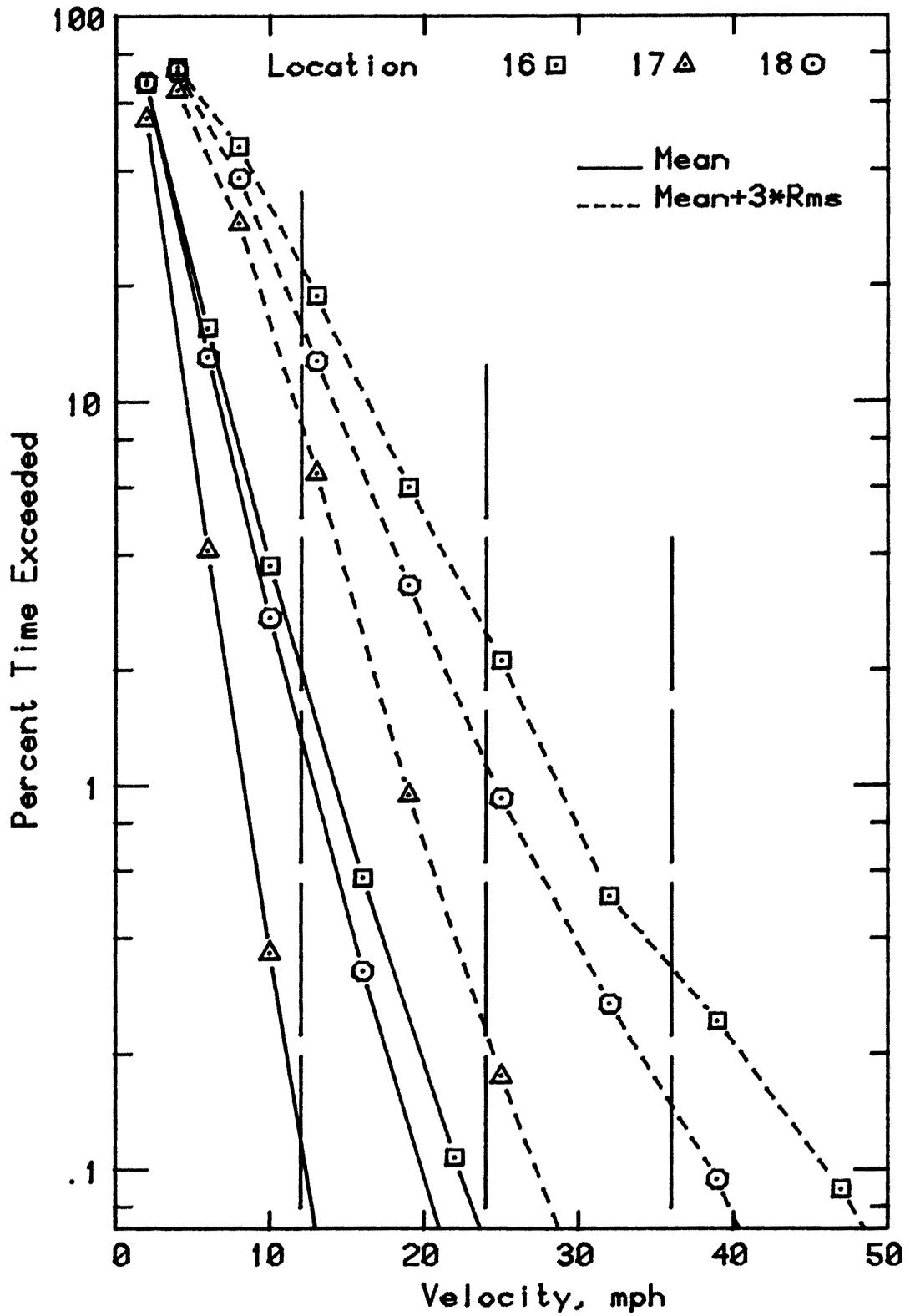


Figure 9f. Wind Velocity Probabilities for Pedestrian Locations

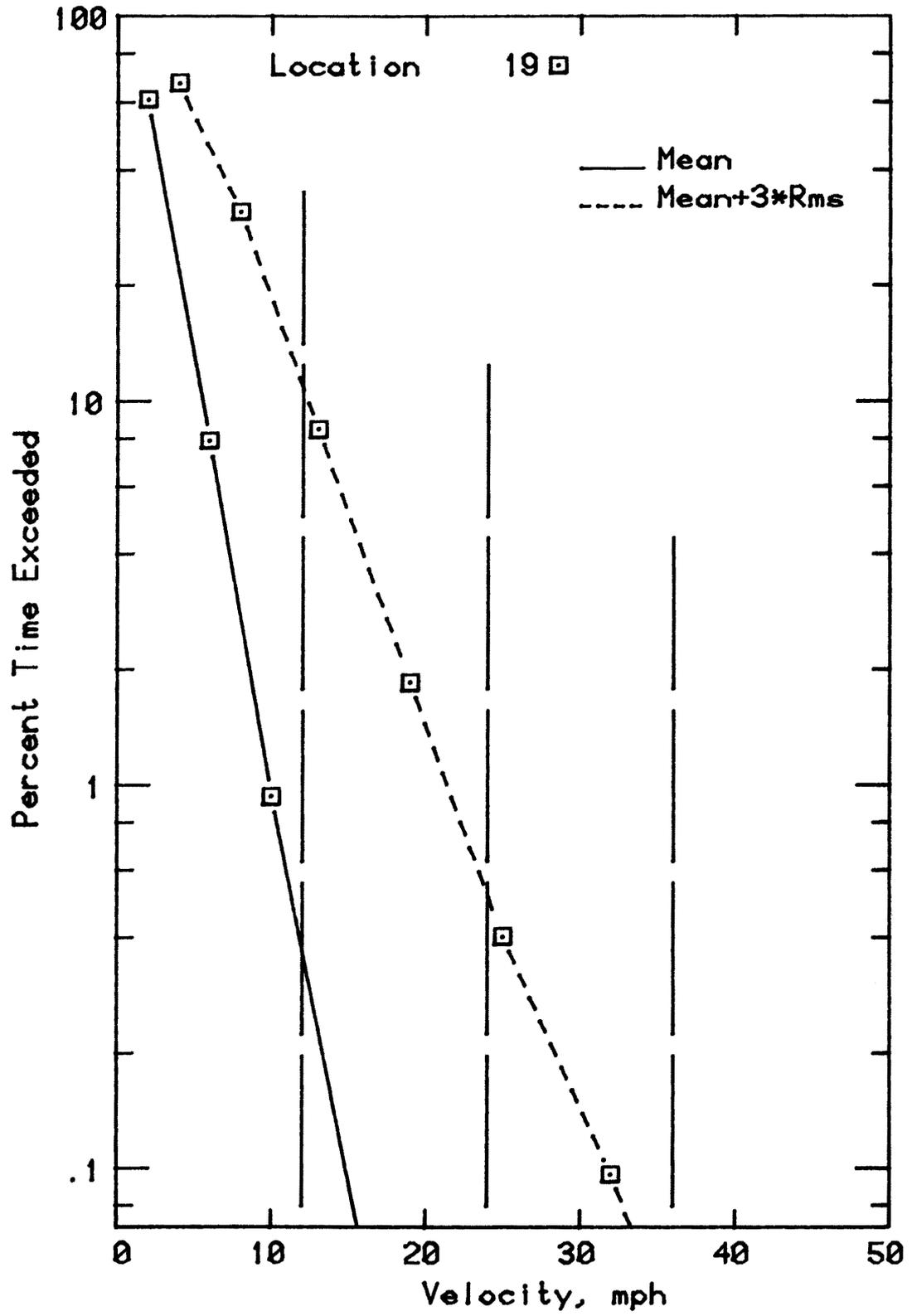
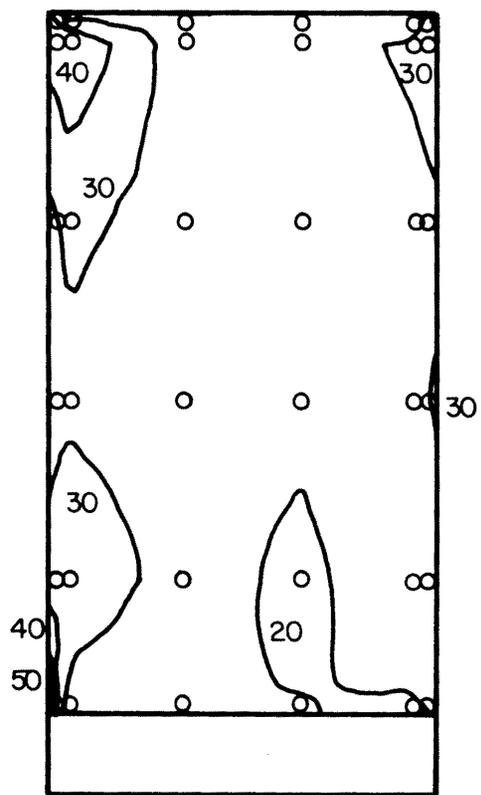
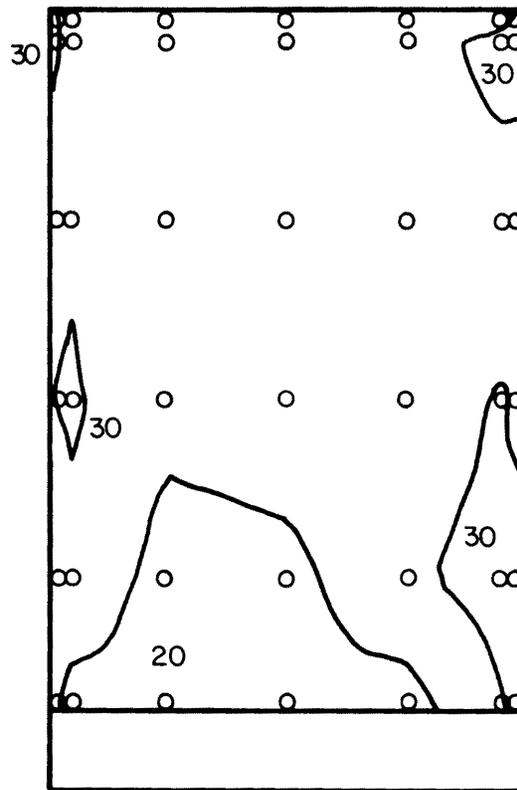


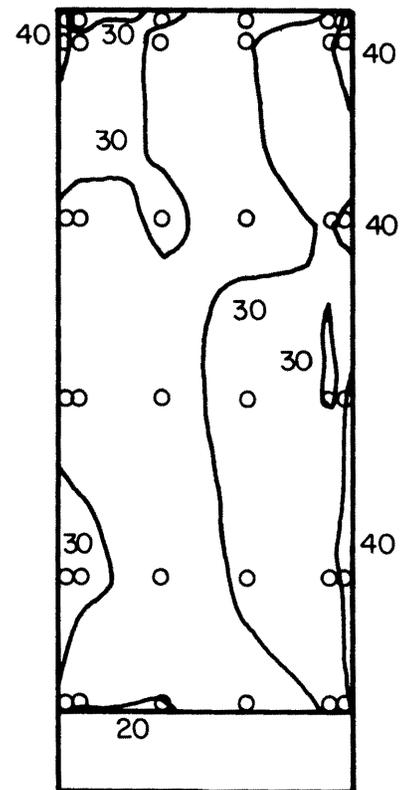
Figure 9g. Wind Velocity Probabilities for Pedestrian Locations



NORTH TOWER WALL



NORTHWEST TOWER WALL

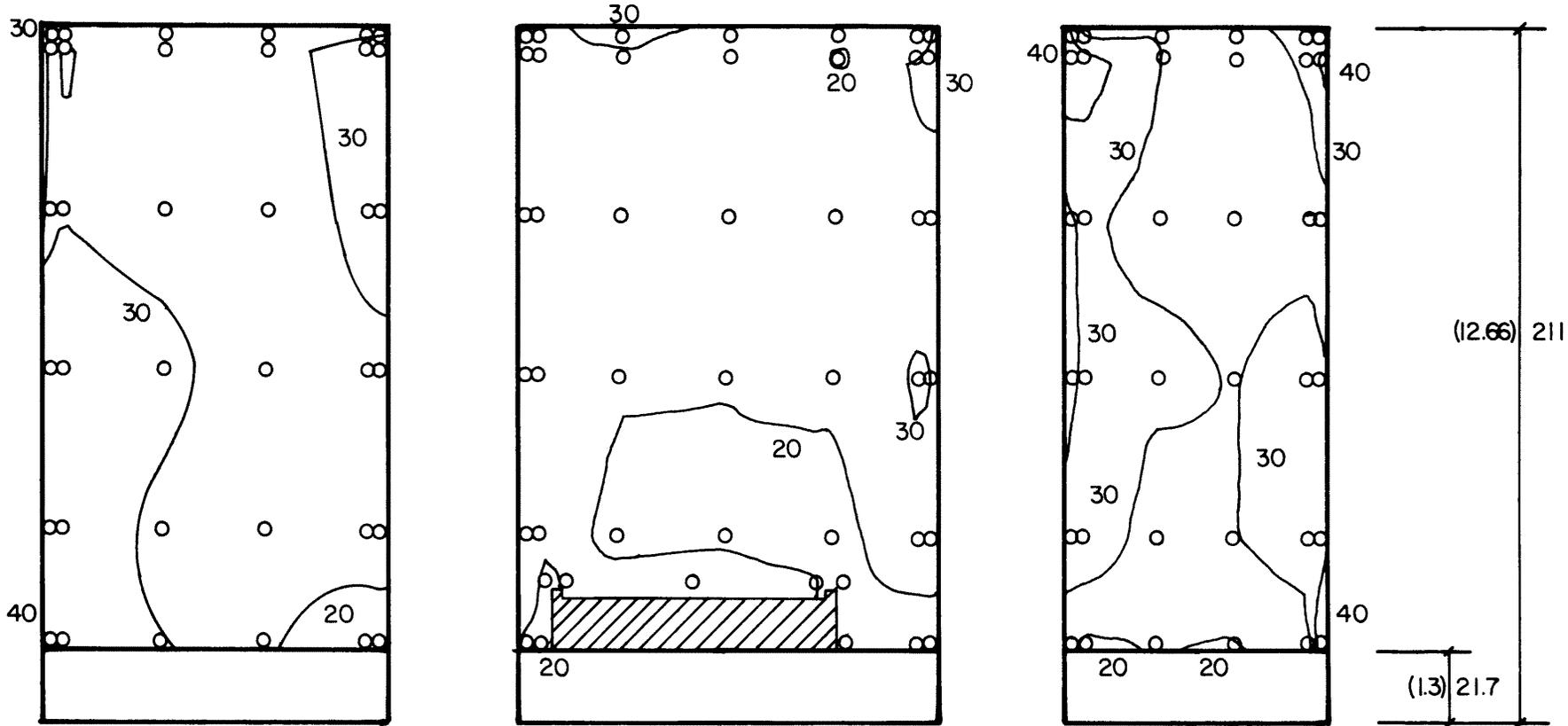


WEST TOWER WALL

CLADDING LOADS
 REFERENCE PRESSURE = 24 PSF



Figure 10a. Peak pressure loads on the building.



SOUTH TOWER WALL

SOUTHEAST TOWER WALL

EAST TOWER WALL

CLADDING LOADS
 REFERENCE PRESSURE = 24 PSF

Figure 10b. Peak pressure loads on the building.

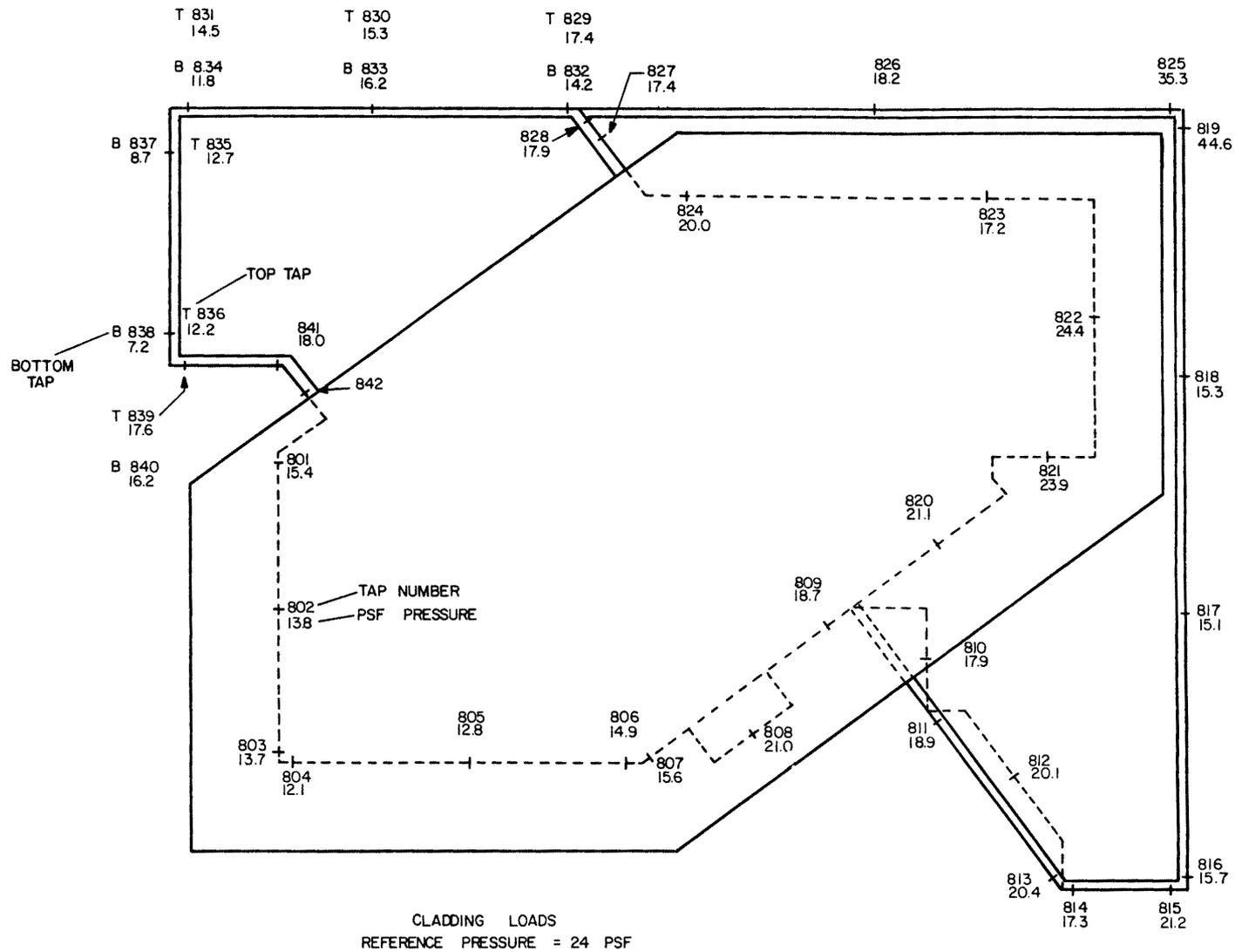
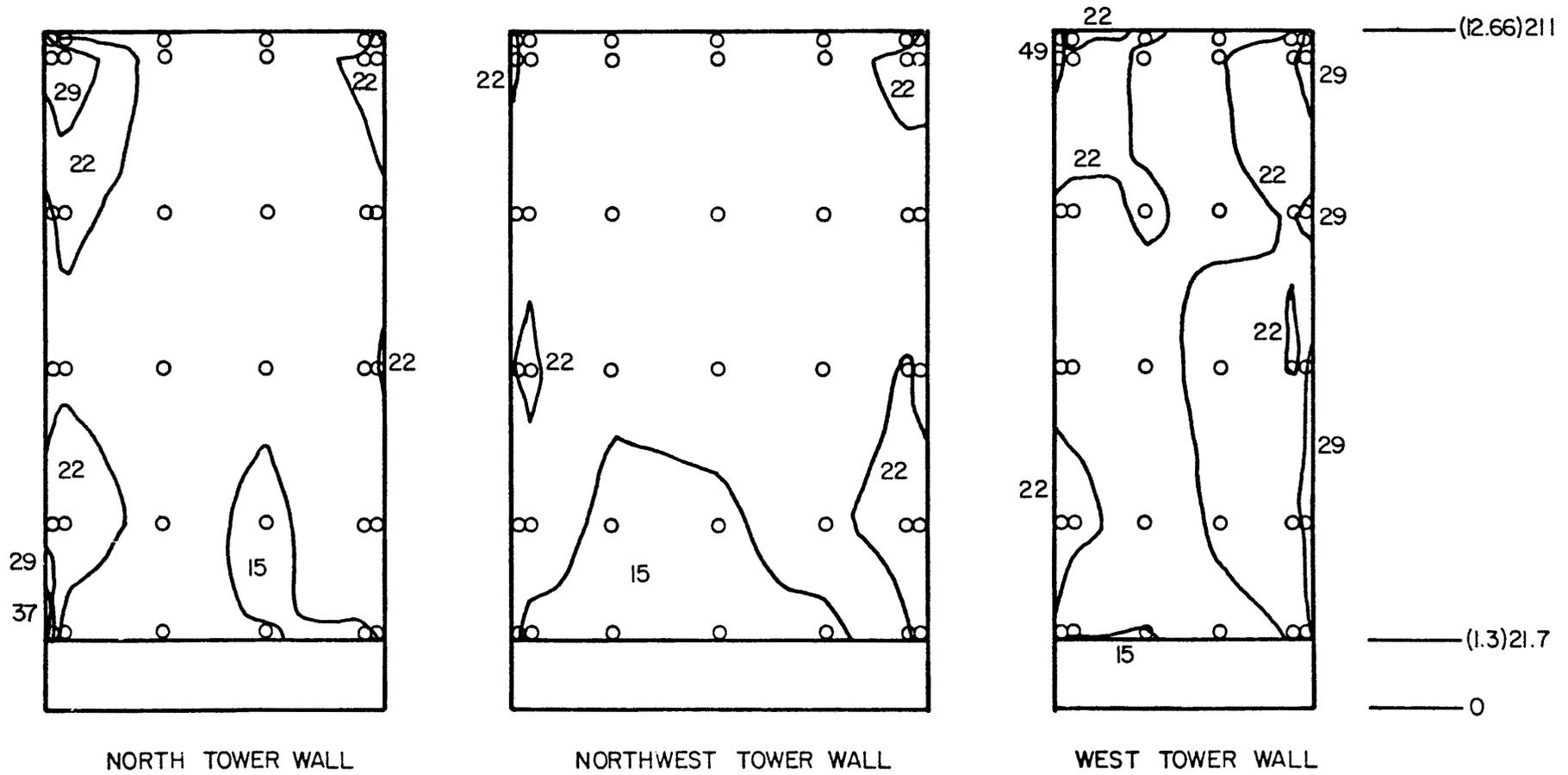
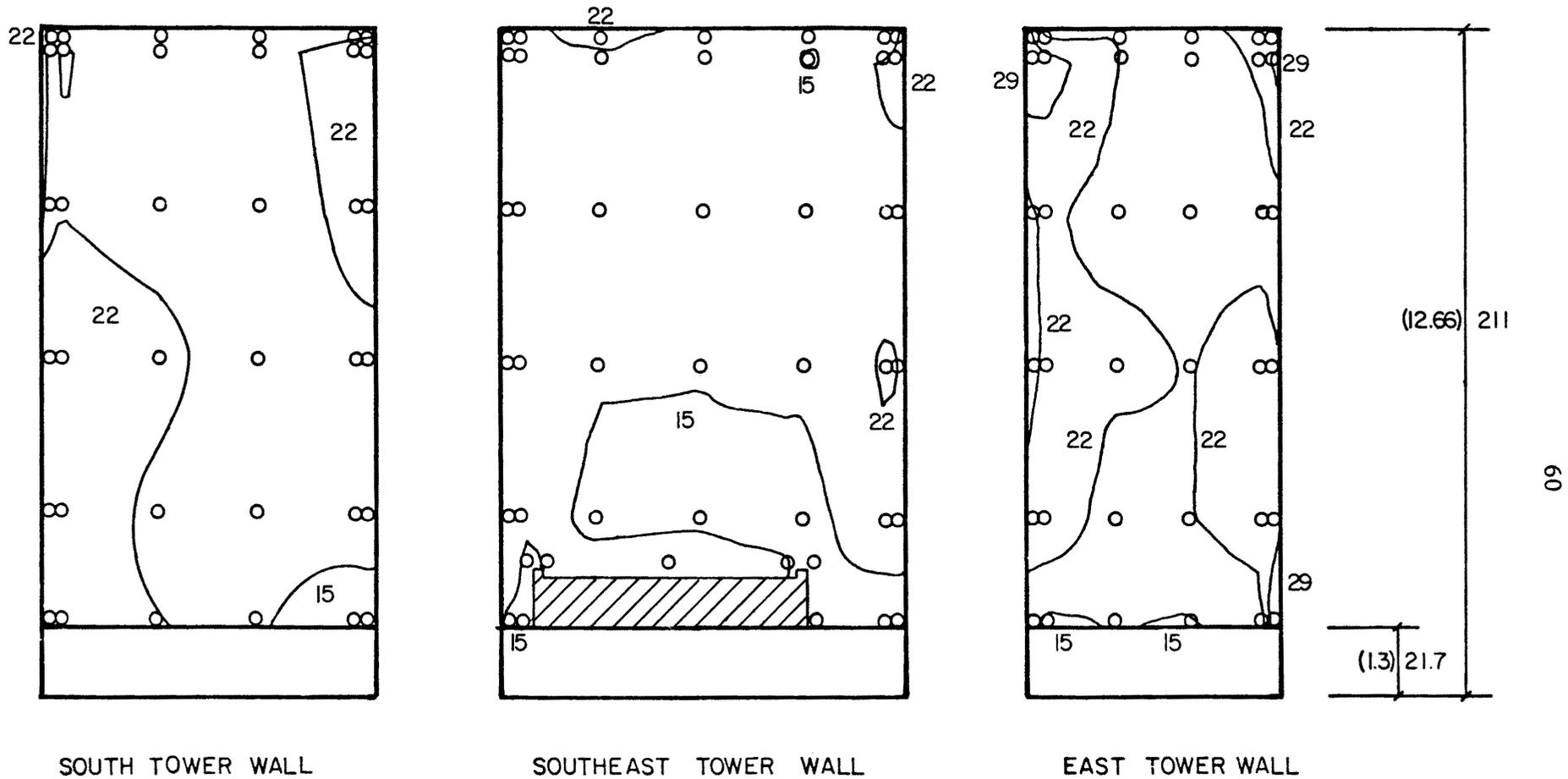


Figure 10c. Peak pressure loads on the building.



GLASS LOADS
 REFERENCE PRESSURE = 24 PSF
 GLASS LOAD FACTOR = 0.73

Figure 10d. Peak pressure loads on the building.



SOUTH TOWER WALL

SOUTHEAST TOWER WALL

EAST TOWER WALL

GLASS LOADS
 REFERENCE PRESSURE = 24 PSF
 GLASS LOAD FACTOR = 0.73

Figure 10e. Peak pressure loads on the building.

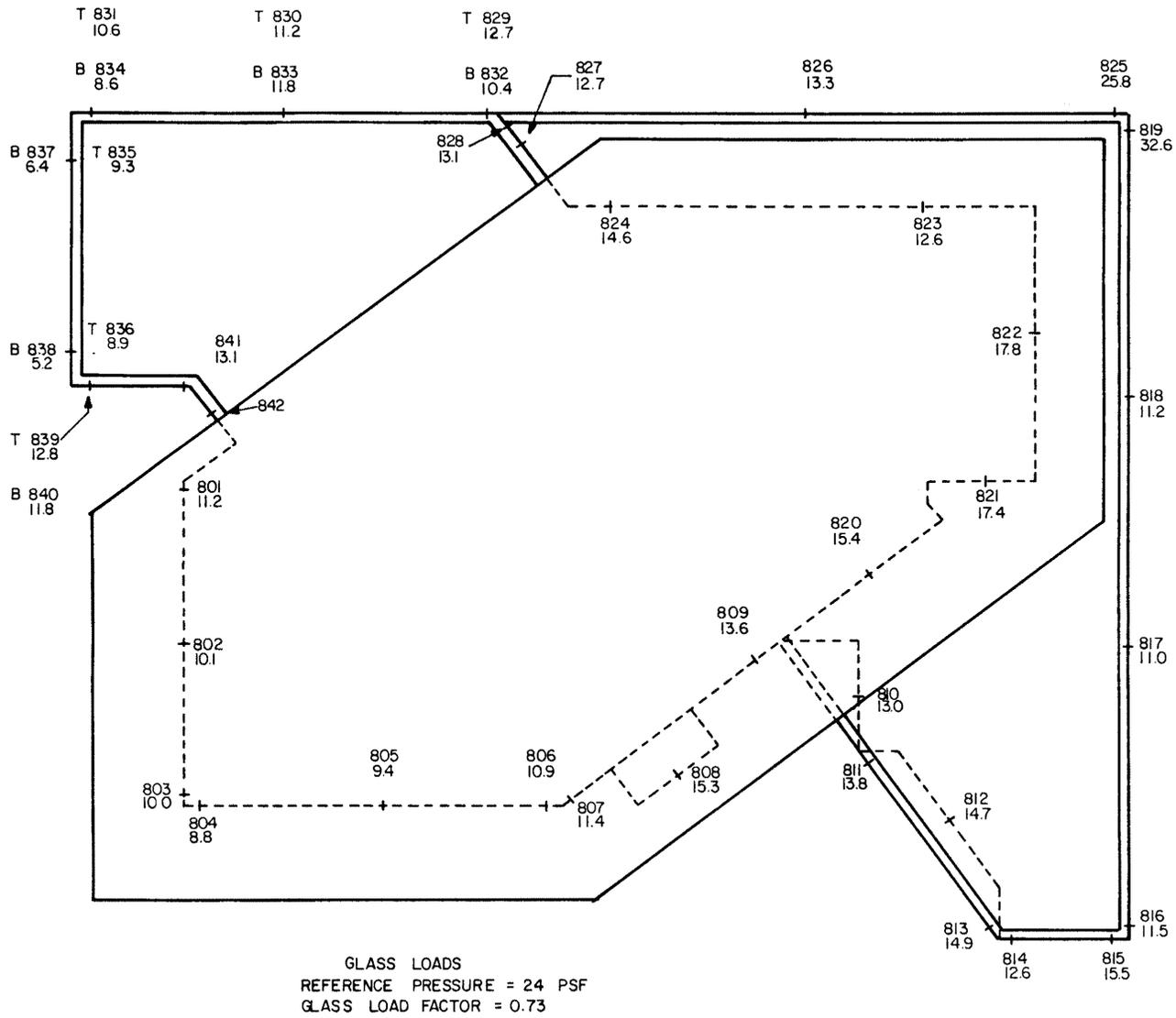


Figure 10f. Peak pressure loads on the building.

TABLE 1

MOTION PICTURE SCENE GUIDE

<u>Run No.</u>	<u>Approach Wind Direction</u>	<u>Smoke Location</u>
1	0 ^o	Plaza and entrance
2	70 ^o	N.E. corner flow
3	70 ^o	N.E. edge separation
4	120 ^o	Truck drive flow through
5	140 ^o	S.W. corner base area
6	260 ^o	Ground on W. side
7	300 ^o	Sunken plaza
8	300 ^o	N. face separation, reattachment
9	300 ^o	S.W. lower corner

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
UTAH BELL PEDESTRIAN VELOCITY DATA

LOCATION 1				LOCATION 2			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.8	6.8	33.3	0.00	53.9	15.9	101.4
22.50	19.3	9.2	46.8	22.50	41.5	12.2	78.0
45.00	15.4	7.8	38.8	45.00	21.8	9.9	51.4
67.50	24.8	10.7	56.8	67.50	20.8	10.4	51.9
90.00	17.3	9.1	44.6	90.00	19.8	11.1	53.3
112.50	19.6	10.1	49.8	112.50	30.9	13.0	69.9
135.00	29.0	12.4	66.2	135.00	34.2	11.9	69.8
157.50	14.9	7.0	36.0	157.50	45.4	16.6	95.2
180.00	15.3	7.0	36.3	180.00	42.2	16.2	90.8
202.50	13.0	7.3	35.0	202.50	47.0	14.2	89.6
225.00	12.4	6.0	30.4	225.00	41.9	13.3	81.9
247.50	12.5	5.6	29.4	247.50	36.5	12.4	73.6
270.00	17.9	6.3	36.7	270.00	46.0	14.7	90.1
292.50	13.7	6.2	32.3	292.50	49.3	12.8	87.7
315.00	12.5	6.4	31.6	315.00	53.7	12.9	92.3
337.50	9.2	5.0	24.2	337.50	53.8	14.9	98.5

LOCATION 3				LOCATION 4			
WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)	WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	43.7	12.9	82.5	0.00	45.3	11.9	80.9
22.50	41.8	10.9	74.6	22.50	32.7	11.9	68.5
45.00	24.1	10.3	55.0	45.00	14.8	8.7	40.8
67.50	20.2	8.5	45.7	67.50	5.8	4.0	17.8
90.00	33.0	10.1	63.2	90.00	5.8	4.3	18.7
112.50	53.8	11.0	86.8	112.50	8.1	5.2	23.8
135.00	58.9	12.5	96.4	135.00	7.8	5.6	24.6
157.50	68.7	13.4	108.8	157.50	10.7	6.1	28.8
180.00	69.6	13.6	110.4	180.00	11.5	8.7	37.5
202.50	54.6	12.2	91.2	202.50	38.3	22.7	106.3
225.00	24.5	10.5	56.0	225.00	56.3	16.8	106.7
247.50	35.3	16.5	84.9	247.50	49.7	16.2	98.5
270.00	69.4	13.7	110.4	270.00	23.8	13.5	64.3
292.50	64.3	12.1	100.5	292.50	9.4	6.5	29.0
315.00	56.0	11.0	89.1	315.00	12.8	8.0	36.7
337.50	49.7	12.1	86.0	337.50	26.2	10.7	58.4

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UTAH BELL PEDESTRIAN VELOCITY DATA

LOCATION 5

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	15.0	9.3	43.0
22.50	9.7	7.1	30.9
45.00	8.6	5.7	25.6
67.50	6.1	4.4	19.4
90.00	8.8	6.0	26.9
112.50	6.7	5.2	22.4
135.00	6.3	4.9	20.9
157.50	6.4	5.3	22.2
180.00	9.0	6.0	27.1
202.50	9.4	6.8	29.9
225.00	11.7	8.6	37.5
247.50	29.7	11.1	63.1
270.00	27.0	12.1	63.3
292.50	16.0	8.3	40.8
315.00	10.1	7.3	31.9
337.50	16.3	10.2	47.1

LOCATION 6

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	18.4	10.8	50.9
22.50	20.5	12.8	58.9
45.00	17.1	12.0	53.1
67.50	7.0	5.5	23.5
90.00	8.5	7.0	29.4
112.50	7.3	5.8	24.6
135.00	7.8	5.8	25.3
157.50	9.7	8.2	34.2
180.00	10.3	7.5	32.9
202.50	24.3	19.3	82.2
225.00	59.0	18.4	114.3
247.50	47.0	14.8	91.4
270.00	40.9	15.4	87.1
292.50	30.9	18.7	87.1
315.00	27.7	16.0	75.7
337.50	23.1	14.6	66.8

LOCATION 7

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	21.6	10.8	53.9
22.50	18.8	7.9	42.6
45.00	24.5	11.6	59.2
67.50	13.6	6.3	32.5
90.00	12.2	5.6	28.9
112.50	14.8	7.8	38.2
135.00	11.8	5.7	29.0
157.50	15.8	7.6	38.6
180.00	21.5	8.3	46.2
202.50	20.6	6.6	40.3
225.00	21.1	7.3	43.1
247.50	16.3	6.0	34.3
270.00	18.7	6.0	36.7
292.50	16.2	6.5	35.8
315.00	13.4	7.4	35.6
337.50	17.0	8.8	43.4

LOCATION 8

WIND AZIMUTH	U _{MEAN} /U _{INF} (PERCENT)	U _{RMS} /U _{INF} (PERCENT)	U _{MEAN} +3*U _{RMS} /U _{INF} (PERCENT)
0.00	38.4	11.4	72.7
22.50	39.3	12.4	76.3
45.00	29.5	13.1	68.8
67.50	14.7	7.5	37.2
90.00	14.2	6.7	34.2
112.50	15.1	8.4	40.2
135.00	14.5	7.7	37.6
157.50	13.5	7.2	35.1
180.00	24.1	10.3	55.1
202.50	26.6	9.7	55.6
225.00	36.1	9.3	64.1
247.50	36.7	8.9	63.4
270.00	36.0	10.6	67.7
292.50	24.2	10.3	55.2
315.00	32.4	16.1	80.7
337.50	34.1	16.3	82.9

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES
 UTAH BELL PEDESTRIAN VELOCITY DATA

LOCATION 9

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	13.9	6.4	33.1
22.50	17.3	8.7	43.2
45.00	21.3	9.2	48.9
67.50	12.0	6.2	30.5
90.00	12.1	5.5	28.6
112.50	12.6	5.7	29.6
135.00	12.1	5.2	27.6
157.50	10.4	5.0	25.5
180.00	19.3	10.2	50.1
202.50	16.9	8.9	43.7
225.00	10.4	5.3	26.2
247.50	15.7	7.2	37.3
270.00	35.9	10.8	68.4
292.50	24.7	11.0	57.8
315.00	22.5	10.9	55.2
337.50	19.8	10.6	51.6

LOCATION 10

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.5	5.4	31.9
22.50	17.7	6.7	37.9
45.00	11.2	4.4	24.5
67.50	6.7	2.5	14.1
90.00	7.7	3.0	16.8
112.50	8.2	3.8	19.7
135.00	8.0	3.8	19.4
157.50	5.8	2.2	12.5
180.00	9.8	5.0	24.7
202.50	10.2	4.5	23.6
225.00	9.0	3.7	19.9
247.50	10.3	4.7	24.3
270.00	11.1	5.2	26.8
292.50	9.6	4.9	24.3
315.00	16.8	8.4	42.1
337.50	16.3	6.6	36.2

LOCATION 11

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	15.6	7.7	38.8
22.50	23.1	11.9	58.7
45.00	18.2	9.7	47.4
67.50	12.3	5.0	27.4
90.00	13.7	6.0	31.6
112.50	13.8	6.5	33.4
135.00	12.5	5.3	28.5
157.50	9.7	4.3	22.6
180.00	22.1	9.4	50.4
202.50	17.5	8.4	42.8
225.00	24.9	10.5	56.4
247.50	29.6	10.4	60.8
270.00	28.8	12.5	66.4
292.50	30.6	11.8	66.1
315.00	22.5	11.5	56.9
337.50	13.3	7.2	34.9

LOCATION 12

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	31.7	12.5	69.2
22.50	34.6	12.5	72.0
45.00	47.0	12.2	83.6
67.50	19.8	10.8	52.2
90.00	15.3	6.7	35.5
112.50	18.0	9.9	47.7
135.00	14.9	7.3	37.0
157.50	12.4	6.5	32.0
180.00	23.5	11.6	58.2
202.50	24.7	10.6	56.7
225.00	36.2	10.5	67.5
247.50	33.7	11.5	68.3
270.00	35.0	12.1	71.3
292.50	41.8	11.9	77.4
315.00	34.8	13.9	76.4
337.50	25.1	11.9	60.8

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UTAH BELL PEDESTRIAN VELOCITY DATA

LOCATION 13

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	16.4	7.9	39.9
22.50	20.0	9.1	47.4
45.00	31.9	9.8	61.4
67.50	25.6	12.1	61.9
90.00	18.0	10.7	50.2
112.50	21.3	13.5	61.7
135.00	13.4	7.7	36.6
157.50	15.4	8.3	40.3
180.00	20.7	10.4	51.9
202.50	15.4	7.5	37.8
225.00	23.0	10.1	53.2
247.50	27.3	10.2	57.8
270.00	49.3	13.0	89.1
292.50	50.6	12.1	87.0
315.00	32.0	12.9	70.6
337.50	22.2	11.0	55.1

LOCATION 14

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	12.0	8.4	37.2
22.50	13.5	9.3	41.3
45.00	16.3	9.9	45.9
67.50	10.7	7.8	34.0
90.00	9.3	6.4	28.5
112.50	10.0	7.5	32.6
135.00	8.2	6.0	26.2
157.50	4.6	3.9	16.4
180.00	7.3	4.7	21.4
202.50	7.3	4.6	21.1
225.00	6.7	4.1	18.9
247.50	5.6	4.1	17.9
270.00	24.4	14.6	68.2
292.50	48.1	15.9	95.8
315.00	34.4	14.7	78.5
337.50	20.1	11.4	54.2

LOCATION 15

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	39.8	10.2	70.4
22.50	22.7	10.7	54.9
45.00	21.3	8.3	46.0
67.50	34.5	11.9	70.3
90.00	46.0	10.0	75.9
112.50	51.2	9.8	80.5
135.00	47.9	11.4	82.2
157.50	32.4	10.3	63.3
180.00	16.7	8.3	41.5
202.50	13.6	6.2	32.4
225.00	15.8	8.4	41.0
247.50	12.4	6.2	31.0
270.00	16.1	9.3	44.0
292.50	45.7	13.4	86.0
315.00	47.9	12.1	84.2
337.50	47.0	11.0	80.0

LOCATION 16

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	48.2	13.5	88.8
22.50	33.0	13.8	74.4
45.00	15.7	9.1	42.9
67.50	23.5	13.4	63.6
90.00	31.5	13.9	73.2
112.50	34.1	13.3	73.9
135.00	25.1	13.1	64.4
157.50	20.8	11.2	54.3
180.00	17.1	9.9	46.7
202.50	16.0	7.4	38.1
225.00	13.0	5.7	30.2
247.50	9.1	4.4	22.2
270.00	10.7	5.2	26.2
292.50	9.5	4.3	22.4
315.00	44.9	21.8	110.3
337.50	59.5	17.2	111.0

TABLE 2--PEDESTRIAN WIND VELOCITIES AND TURBULENCE INTENSITIES

UTAH BELL PEDESTRIAN VELOCITY DATA

LOCATION 17

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	21.4	10.7	53.5
22.50	20.5	9.2	47.9
45.00	26.2	11.7	61.1
67.50	20.8	11.0	53.8
90.00	28.1	10.5	59.6
112.50	39.0	10.9	71.7
135.00	22.9	13.0	62.0
157.50	15.6	8.6	41.5
180.00	14.4	7.2	36.0
202.50	18.6	6.4	37.9
225.00	20.4	5.7	37.5
247.50	8.3	3.7	19.5
270.00	10.3	4.5	23.8
292.50	8.0	3.8	19.4
315.00	11.4	6.6	31.4
337.50	29.3	13.6	70.1

LOCATION 18

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	29.3	15.5	75.9
22.50	20.8	8.3	45.9
45.00	19.0	8.8	45.3
67.50	12.4	6.2	31.1
90.00	14.8	7.8	38.1
112.50	23.4	9.8	52.8
135.00	29.2	10.1	59.4
157.50	20.0	8.2	44.6
180.00	15.7	7.0	36.7
202.50	13.2	6.1	31.6
225.00	19.7	8.8	46.1
247.50	15.8	7.7	38.8
270.00	14.1	7.2	35.8
292.50	41.0	13.3	80.9
315.00	49.3	14.4	92.4
337.50	45.4	13.9	87.2

LOCATION 19

WIND AZIMUTH	UMEAN/UINF (PERCENT)	URMS/UINF (PERCENT)	UMEAN+3*URMS/UINF (PERCENT)
0.00	19.9	9.4	48.1
22.50	19.0	8.1	43.3
45.00	20.0	9.1	47.4
67.50	13.1	7.0	34.2
90.00	11.1	4.9	25.7
112.50	19.8	8.9	46.5
135.00	30.2	11.4	64.4
157.50	18.2	7.9	41.7
180.00	11.2	5.2	26.8
202.50	12.1	6.3	31.1
225.00	17.5	8.1	41.9
247.50	13.3	7.1	34.5
270.00	15.9	7.9	39.5
292.50	29.3	10.7	61.5
315.00	37.3	13.7	78.5
337.50	32.9	14.0	75.0

TABLE 3

ANNUAL PERCENTAGE FREQUENCIES OF WIND DIRECTION AND SPEED

Based on Summary of Hourly Observations
 Municipal Airport, Salt Lake City
 1951-1960
 Anemometer Elevation = 38 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>25-31</u>	<u>32-38</u>	<u>39-46</u>	<u>Total</u>
N	0.8	3.2	1.0	0.3	0.0	0.0	0.0	0.0	5.3
NNE	0.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	1.2
NE	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	1.4
ENE	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
E	0.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	1.2
ESE	0.5	1.3	1.3	0.3	0.0	0.0	0.0	0.0	3.3
SE	1.2	5.9	6.9	1.7	0.1	0.0	0.0	0.0	15.9
SSE	1.0	5.7	6.6	3.4	1.2	0.4	0.1	0.0	18.5
S	1.1	4.2	3.2	3.0	1.7	0.7	0.1	0.0	14.0
SSW	0.5	1.3	0.7	0.3	0.2	0.0	0.0	0.0	2.9
SW	0.9	1.5	0.4	0.1	0.1	0.0	0.0	0.0	2.9
WSW	0.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	1.3
W	0.8	2.4	0.8	0.1	0.0	0.0	0.0	0.0	4.1
WNW	0.8	2.2	1.0	0.4	0.1	0.0	0.0	0.0	4.5
NW	1.0	4.0	2.0	0.6	0.1	0.0	0.0	0.0	7.6
NNW	0.4	3.2	1.7	0.5	0.0	0.0	0.0	0.0	5.8
Calm	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
Total	20.1	38.0	26.3	10.7	3.5	1.2	0.2	0.0	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 = $63 \left(\frac{1000}{30}\right)^{.17} = 114.3$.

Elevation of reference pressure = 833' (50" at 1:200 scale).

Mean hourly wind at reference location = $U_{\infty} = 114.3 \left(\frac{833}{1250}\right)^{.22}$,

$U_{\infty} = 104.5$ mph.

Elevation at building site = 4280.

Standard atmospheric pressure as fraction of sea level pressure = 0.85.

Reference pressure at 4280' = $0.85 (0.00256) (104.5)^2 = 23.8$ psf.

Use reference pressure = 24 psf.

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

3. Loads for 100-yr recurrence wind:

100-yr fastest mile at 30 ft = 86 mph (Ref. 5).

Multiply 50-yr loads by $\left(\frac{86}{80}\right)^2 = 1.16$.

4. Gust Load Factor (Ref. 6):

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

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 LARGEST VALUE OF ABS(CP_{MAX}) OR ABS(CP_{MIN}), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
 REFERENCE PRESSURE = 24. PSF GLASS LOAD FACTOR= .730

TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)
101	75	1.67	40.0	29.2	215	45	1.06	25.4	18.5	323	180	1.23	29.5	21.6
102	75	1.26	30.4	22.2	216	45	1.20	28.8	21.0	324	195	1.57	37.7	27.5
103	105	1.12	26.9	19.6	217	60	.93	22.3	16.3	325	345	1.50	35.9	26.2
104	90	1.08	25.9	18.9	218	330	.91	21.8	15.9	326	345	1.47	35.3	25.8
105	270	.98	23.5	17.2	219	225	.99	23.8	17.4	327	345	1.01	24.2	17.7
106	285	1.39	33.4	24.4	220	255	.97	23.2	16.9	328	195	1.32	31.7	23.1
107	75	1.90	45.7	33.4	221	255	.99	23.9	17.4	329	195	1.47	35.3	25.8
108	75	2.06	49.4	36.0	222	45	1.24	29.9	21.8	330	195	1.86	44.6	32.5
109	90	.98	23.5	17.2	223	45	1.32	31.6	23.1	331	345	1.15	27.7	20.2
110	105	1.01	24.3	17.7	224	330	.95	22.8	16.7	332	0	.86	20.7	15.1
111	270	1.35	32.4	23.7	225	225	1.08	26.0	19.0	333	150	.83	19.9	14.5
112	285	1.50	35.9	26.2	226	240	1.02	24.5	17.9	334	195	1.15	27.6	20.2
113	75	1.20	28.8	21.1	227	240	1.25	30.1	22.0	335	195	1.28	30.8	22.5
114	75	1.34	32.3	23.6	228	240	1.15	27.7	20.2	336	180	1.62	38.8	28.3
115	90	1.05	25.3	18.5	229	60	.97	23.2	16.9	401	255	1.48	35.4	25.9
116	0	.95	22.9	16.7	230	60	1.18	28.2	20.6	402	270	1.19	28.5	20.8
117	285	1.13	27.0	19.7	231	315	.67	16.0	11.7	403	270	1.03	24.8	18.1
118	285	1.14	27.5	20.1	232	330	.71	17.0	12.4	404	285	1.09	26.1	19.1
119	75	1.09	26.2	19.1	233	225	1.18	28.4	20.7	405	300	1.16	27.8	20.3
120	75	1.13	27.2	19.9	234	240	1.41	33.8	24.6	406	105	1.32	31.6	23.1
121	90	1.04	24.9	18.1	235	240	1.41	33.9	24.7	407	255	1.20	28.9	21.1
122	90	.92	22.1	16.1	236	60	.92	22.1	16.1	408	255	1.28	30.7	22.4
123	270	1.15	27.6	20.2	237	60	.69	16.6	12.2	409	270	1.04	25.0	18.2
124	270	1.24	29.7	21.7	238	330	.73	17.6	12.9	410	270	1.09	26.0	19.0
125	90	1.48	35.5	25.9	239	345	.73	17.4	12.7	411	105	1.49	35.8	26.1
126	90	1.65	39.6	28.9	240	345	.68	16.4	12.0	412	105	1.43	34.2	25.0
127	90	1.01	24.3	17.8	241	225	1.24	29.7	21.7	413	255	1.13	27.2	19.8
128	105	.73	17.6	12.8	242	225	1.42	34.1	24.9	414	255	1.22	29.4	21.4
129	285	1.13	27.2	19.8	301	345	1.95	46.8	34.1	415	270	1.02	24.6	18.0
130	270	1.11	26.7	19.5	302	345	1.23	29.4	21.5	416	180	.94	22.4	16.4
131	90	2.26	54.2	39.6	303	180	1.27	30.5	22.3	417	105	1.46	35.1	25.7
132	90	1.04	25.1	18.3	304	195	1.11	26.7	19.5	418	105	1.44	34.6	25.2
133	105	.85	20.5	14.9	305	210	1.30	31.3	22.8	419	270	1.54	36.9	27.0
134	105	.84	20.2	14.7	306	195	1.68	40.3	29.4	420	270	1.54	36.9	26.9
135	105	.80	19.2	14.0	307	345	1.74	41.7	30.5	421	270	1.40	33.7	24.6
136	300	.89	21.4	15.6	308	345	1.59	38.2	27.9	422	270	.92	22.1	16.1
201	75	1.27	30.5	22.3	309	180	1.16	27.9	20.4	423	195	1.12	26.8	19.6
202	75	1.08	25.8	18.9	310	180	1.22	29.2	21.3	424	120	1.15	27.5	20.1
203	75	1.15	27.7	20.2	311	195	1.64	39.4	28.8	425	270	1.48	35.5	25.9
204	120	1.22	29.3	21.4	312	195	1.90	45.7	33.3	426	270	1.56	37.5	27.4
205	225	1.07	25.6	18.7	313	180	1.17	28.1	20.5	427	270	1.15	27.6	20.1
206	225	1.02	24.5	17.9	314	345	1.15	27.5	20.1	428	285	.88	21.0	15.3
207	225	1.40	33.5	24.5	315	180	1.29	30.9	22.5	429	105	.94	22.6	16.5
208	45	1.28	30.8	22.4	316	180	1.18	28.3	20.6	430	105	.99	23.8	17.4
209	45	1.13	27.1	19.7	317	195	1.27	30.4	22.2	431	270	1.70	40.8	29.8
210	105	1.11	26.7	19.5	318	195	1.20	28.7	20.9	432	270	1.27	30.5	22.3
211	105	1.19	28.5	20.8	319	330	1.08	25.8	18.8	433	270	1.27	30.6	22.3
212	330	.94	22.7	16.6	320	345	1.04	24.9	18.2	434	285	.86	20.7	15.1
213	240	1.50	35.9	26.2	321	0	1.12	26.8	19.5	435	285	.72	17.2	12.6
214	240	1.45	34.8	25.4	322	180	1.40	33.5	24.5	436	165	.70	16.7	12.2

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 LARGEST VALUE OF AHS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
 REFERENCE PRESSURE = 24. PSF GLASS LOAD FACTOR= .730

TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)
501	285	1.10	26.5	19.3	605	0	1.31	31.4	22.9	719	120	.88	21.1	15.4
502	270	1.09	26.1	19.0	606	15	1.30	31.1	22.7	720	90	1.56	37.4	27.3
503	300	1.41	33.7	24.6	607	165	1.93	46.4	33.8	721	120	1.20	28.9	21.1
504	285	1.02	24.4	17.8	608	165	1.91	45.9	33.5	722	135	1.16	27.9	20.3
505	60	.98	23.4	17.1	609	0	1.25	30.0	21.9	801	90	.64	15.4	11.2
506	75	1.00	23.9	17.5	610	0	1.07	25.7	18.8	802	45	.58	13.8	10.1
507	60	1.42	34.2	25.0	611	15	1.31	31.4	22.9	803	45	.57	13.7	10.0
508	255	1.24	29.8	21.7	612	15	1.74	41.8	30.5	804	105	.50	12.1	8.8
509	210	1.18	28.3	20.7	613	165	1.23	29.5	21.5	805	345	.53	12.8	9.4
510	300	1.08	25.8	18.9	614	165	1.31	31.5	23.0	806	0	.62	14.9	10.9
511	285	1.04	25.0	18.3	615	165	1.10	26.5	19.3	807	0	.65	15.6	11.4
512	0	.82	19.6	14.3	616	15	1.14	27.3	20.0	808	315	.87	21.0	15.3
513	60	1.36	32.7	23.8	617	15	1.10	26.5	19.3	809	345	.78	18.7	13.6
514	60	1.37	32.9	24.0	618	15	1.08	25.8	18.9	810	345	.74	17.9	13.0
515	225	1.03	24.8	18.1	619	165	1.15	27.7	20.2	811	345	.79	18.9	13.8
516	225	1.16	27.8	20.3	620	165	1.33	31.9	23.3	812	0	.84	20.1	14.7
517	165	.95	22.8	16.6	621	180	1.37	32.8	23.9	813	105	.85	20.4	14.9
518	150	.93	22.3	16.3	622	15	1.23	29.5	21.5	814	105	.72	17.3	12.6
519	150	.94	22.5	16.4	623	15	1.42	34.1	24.9	815	105	.88	21.2	15.5
520	75	1.10	26.4	19.3	624	0	1.32	31.7	23.1	816	330	.66	15.7	11.5
521	75	1.10	26.4	19.3	625	165	1.44	34.5	25.2	817	345	.63	15.1	11.0
522	225	1.08	25.8	18.9	626	165	1.66	39.9	29.1	818	180	.64	15.3	11.2
523	255	1.09	26.2	19.1	627	165	1.02	24.4	17.8	819	180	1.86	44.6	32.6
524	240	.87	20.8	15.2	628	0	1.23	29.4	21.5	820	330	.88	21.1	15.4
525	135	.84	20.2	14.8	629	0	1.54	37.0	27.0	821	345	.99	23.9	17.4
526	45	.93	22.2	16.2	630	15	1.52	36.4	26.5	822	255	1.02	24.4	17.8
527	60	1.30	31.3	22.8	631	165	1.04	24.9	18.2	823	180	.72	17.2	12.6
528	60	1.26	30.1	22.0	632	345	.75	18.1	13.2	824	210	.83	20.0	14.6
529	240	1.05	25.1	18.3	633	165	.85	20.4	14.9	825	270	1.47	35.3	25.8
530	225	1.04	25.0	18.2	634	345	.81	19.5	14.2	826	195	.76	18.2	13.3
531	165	.74	17.8	13.0	635	0	1.00	24.1	17.6	827	180	.72	17.4	12.7
532	135	.78	18.8	13.7	636	0	1.70	40.8	29.8	828	195	.75	17.9	13.1
533	135	.65	15.6	11.4	701	225	2.43	58.4	42.6	829	240	.72	17.4	12.7
534	45	1.19	28.4	20.8	702	195	1.14	27.4	20.0	830	165	.64	15.3	11.2
535	45	1.12	26.9	19.6	703	195	1.13	27.1	19.8	831	105	.61	14.5	10.6
536	165	.69	16.6	12.1	704	195	1.13	27.2	19.9	832	180	.59	14.2	10.4
537	240	.90	21.5	15.7	705	135	1.25	30.1	22.0	833	165	.67	16.2	11.8
538	135	.96	23.0	16.8	706	195	1.20	28.9	21.1	834	300	.49	11.8	8.6
539	120	.87	20.8	15.2	707	120	1.14	27.3	19.9	835	165	.53	12.7	9.3
540	90	.59	14.1	10.3	708	330	1.06	25.5	18.6	836	30	.51	12.2	8.9
541	180	.87	20.8	15.2	709	135	1.09	26.2	19.1	837	165	.36	8.7	6.4
542	180	.75	17.9	13.1	710	45	2.02	48.5	35.4	838	165	.30	7.2	5.2
543	180	.76	18.3	13.3	711	330	1.31	31.4	23.0	839	75	.73	17.6	12.8
544	90	.78	18.6	13.6	712	330	1.44	34.5	25.2	840	45	.68	16.2	11.8
545	165	.53	12.7	9.3	713	330	1.38	33.1	24.2	841	90	.75	18.0	13.1
546	165	.57	13.8	10.1	714	270	1.18	28.4	20.8	842	105	.68	16.4	12.0
601	165	1.68	40.3	29.4	715	315	1.01	24.2	17.7	843	120	.96	23.1	16.8
602	165	1.34	32.2	23.5	716	330	1.07	25.8	18.8	844	120	.70	16.7	12.2
603	0	1.24	29.8	21.8	717	270	1.38	33.2	24.2	845	180	.69	16.5	12.1
604	0	1.15	27.7	20.2	718	285	.89	21.3	15.6	846	285	.83	20.0	14.6

TABLE 6 -- CLADDING AND GLASS LOADS-- CONFIGURATION A -- MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 LARGEST VALUE OF ABS(CPMAX) OR ABS(CPMIN), PEAK LOAD AND GLASS LOAD (1 MINUTE EQUIVALENT)
 REFERENCE PRESSURE = 24. PSF GLASS LOAD FACTOR= .730

TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)	TAP	AZI- MUTH	PRESS COEFF	PEAK LOAD	GLASS LOAD (PSF)
847	120	.90	21.6	15.8	851	165	.87	20.9	15.3	854	345	1.08	26.0	19.0
848	150	.96	23.0	16.8	852	225	.49	11.7	8.6	855	345	.77	18.5	13.5
849	135	.98	23.4	17.1	853	300	.84	20.3	14.8	856	105	.77	18.5	13.5
850	120	.76	18.2	13.3										

TABLE 7 -
TOTAL FORCE AND MOMENT LOADS- MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

REF. AZIMUTH	PRESS- 24 PSF CFX	GUST FACTOR- 1.40 CFY	REF AREA- 200. CMX	REF AREA- 200. CMY	REF LENGTH- 100. FT. CMZ	MOM(X) (1000-FT-KIPS)	MOM(Y)	MOM(Z)	
			FORCE(X) (KIPS)	FORCE(Y) (KIPS)					
0	-77.7	23.80	-731.4	223.9	-24.13	-87.06	-22.7	-81.9	-12.1
15	-69.1	25.10	-650.2	236.1	-23.23	-78.95	-21.9	-74.3	-12.5
30	-46.4	27.79	-436.8	261.5	-27.20	-52.24	-25.6	-49.1	-14.2
45	-21.0	28.95	-198.0	272.4	-30.57	-28.43	-28.8	-26.7	-16.0
60	.33	19.05	3.1	179.2	-22.37	-2.95	-31.0	-2.8	-27.7
75	26.69	17.61	251.1	165.7	-21.66	29.90	-20.4	27.7	-23.0
90	43.73	14.55	411.4	136.9	-17.37	45.75	-16.3	43.0	-22.9
105	66.54	22.67	622.6	213.3	-26.72	70.11	-25.1	66.0	-33.4
120	90.32	14.51	842.6	136.5	-17.69	98.06	-16.6	92.3	-16.9
135	92.61	-1.49	887.1	-14.0	-72.72	100.67	17.7	-77.7	22.0
150	88.59	-17.95	788.3	-168.9	19.00	89.21	17.9	-88.8	11.1
165	11.40	-29.29	114.0	-275.5	31.78	88.01	29.9	-11.1	22.9
180	78.62	-20.33	339.5	-191.3	33.38	85.69	22.9	78.6	25.4
195	70.22	-20.99	660.0	-197.5	22.83	74.64	21.5	66.0	22.2
210	54.19	-33.99	509.8	-319.8	36.40	54.84	34.2	54.2	33.4
225	54.31	-32.51	510.9	-305.9	34.86	58.76	32.8	54.3	32.2
240	11.83	-29.55	111.0	-278.0	33.14	12.81	29.9	11.1	29.9
255	-28.1	-22.37	-222.3	-210.5	24.92	-32.77	23.4	-28.1	23.4
270	-41.9	-13.97	-339.9	-131.5	17.57	-44.44	16.5	-41.9	16.5
285	-69.8	-14.54	-559.8	-136.8	20.17	-77.33	19.8	-69.8	20.1
300	-88.1	-9.98	-859.9	-93.9	14.35	-93.33	13.3	-88.1	14.3
315	-91.1	6.20	-851.1	58.3	-4.81	-97.97	14.3	-91.1	-4.8
330	-87.3	11.20	-807.4	105.4	-11.90	-90.62	11.1	-87.3	-11.1
345	-83.5	26.16	-745.7	166.1	-29.87	-89.44	29.8	-83.5	29.8

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 0 REF PRESS.-24.PSF GUST FACTOR= 1.400 REF AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	-4.39	2.05	-41.3	19.2	-1.13	-1.29	-1.48	-1.125	-1.288	-1.455
2	-4.39	2.05	-41.3	19.2	-1.40	-1.86	-1.48	-1.375	-1.805	-1.455
3	-3.59	1.17	-33.7	15.4	-1.53	-1.77	-1.80	-1.500	-1.096	-1.001
4	-3.89	1.17	-36.6	13.1	-1.63	-1.77	-1.15	-1.597	-1.667	-1.001
5	-3.94	1.19	-37.0	11.0	-1.68	-1.30	-1.44	-1.642	-1.167	-1.001
6	-4.21	1.19	-39.7	11.2	-1.85	-1.01	-1.59	-1.801	-1.835	-1.001
7	-4.49	1.21	-42.2	11.4	-1.93	-1.01	-1.75	-1.966	-1.522	-1.001
8	-4.77	1.24	-44.9	11.7	-1.21	-1.55	-1.87	-1.136	-1.377	-1.001
9	-5.04	1.28	-47.4	12.1	-1.42	-1.80	-1.99	-1.335	-1.450	-1.001
10	-5.29	1.32	-49.8	12.9	-1.70	-1.53	-2.05	-1.535	-1.145	-1.001
11	-5.54	1.36	-52.2	13.8	-1.90	-1.53	-2.11	-1.777	-1.110	-1.001
12	-5.78	1.40	-54.4	14.6	-2.03	-1.53	-2.17	-2.101	-1.100	-1.001
13	-5.94	1.44	-56.4	14.9	-2.17	-1.53	-2.17	-2.414	-1.066	-1.001
14	-6.09	1.47	-58.1	14.7	-2.32	-1.64	-2.12	-2.759	-1.059	-1.001
15	-6.25	1.51	-59.8	14.6	-2.49	-1.89	-2.07	-3.159	-1.050	-1.001
16	-6.41	1.55	-61.4	14.5	-2.67	-2.07	-2.02	-3.627	-1.040	-1.001
17	-6.56	1.59	-62.9	14.5	-2.85	-2.39	-1.93	-4.124	-1.030	-1.001
18	-6.71	1.63	-64.3	14.5	-3.03	-2.74	-1.84	-4.638	-1.020	-1.001

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 DATA FOR WIND DIR. 15 REF. PRESS.-24.PSF GUST FACTOR= 1.400 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	4.0	1.9	-32.0	20.6	14	-22	0	134	208	264
2	4.0	1.9	-32.0	20.6	14	-22	0	401	658	864
3	4.0	1.9	-32.0	20.6	14	-22	0	658	1100	1440
4	4.0	1.9	-31.4	18.2	14	-22	0	850	1440	1944
5	4.0	1.9	-30.2	16.0	14	-22	0	950	1650	2160
6	4.0	1.9	-29.6	14.0	14	-22	0	1050	1800	2340
7	4.0	1.9	-29.6	12.0	14	-22	0	1150	1950	2520
8	4.0	1.9	-29.6	10.0	14	-22	0	1250	2100	2700
9	4.0	1.9	-29.6	8.0	14	-22	0	1350	2250	2880
10	4.0	1.9	-29.6	6.0	14	-22	0	1450	2400	3060
11	4.0	1.9	-29.6	4.0	14	-22	0	1550	2550	3240
12	4.0	1.9	-29.6	2.0	14	-22	0	1650	2700	3420
13	4.0	1.9	-29.6	0.0	14	-22	0	1750	2850	3600
14	4.0	1.9	-29.6	0.0	14	-22	0	1850	3000	3780
15	4.0	1.9	-29.6	0.0	14	-22	0	1950	3150	3960
16	4.0	1.9	-29.6	0.0	14	-22	0	2050	3300	4140
17	4.0	1.9	-29.6	0.0	14	-22	0	2150	3450	4320
18	4.0	1.9	-29.6	0.0	14	-22	0	2250	3600	4500

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 DATA FOR WIND DIR. 30 REF. PRESS. -24 PSF GUST FACTOR= 1.400 REF. AREA- 200 SQ FT REF. LENGTH- 100 FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
2	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
3	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
4	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
5	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
6	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
7	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
8	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
9	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
10	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
11	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
12	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
13	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
14	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
15	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
16	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
17	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8
18	1	1	18.8	18.8	1	1	1	18.8	18.8	18.8

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 45 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
2	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
3	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
4	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
5	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
6	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
7	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
8	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
9	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
10	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
11	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
12	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
13	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
14	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
15	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
16	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
17	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025
18	- .40	1 .89	- .3 .8	17 .8	- .12	- .03	.03	- .116	- .02	.025

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 60 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1										
2	.48	1.03	4.5	9.7	-.07	.03	.29	-.063	.030	.268
3	.48	1.03	4.5	9.7	-.20	.09	.29	-.189	.089	.268
4	.75	.90	7.0	8.4	-.29	.24	.48	-.274	.228	.454
5	.25	.91	2.4	8.6	-.41	.12	.32	-.390	.109	.301
6	.07	.93	.7	8.7	-.54	.04	.27	-.509	.039	.257
7	.03	.96	.2	9.0	-.69	.02	.21	-.645	.017	.197
8	.02	.99	.2	9.3	-.84	-.02	.15	-.789	-.015	.137
9	.06	1.03	.6	9.7	-1.00	-.06	.08	-.942	-.059	.078
10	.09	1.08	1.0	10.2	-1.19	-.10	.05	-1.123	-.091	.043
11	.07	1.11	.6	11.1	-1.45	-.08	.07	-1.367	-.078	.062
12	.05	1.27	.4	12.0	-1.74	-.06	.03	-1.634	-.061	.080
13	.03	1.37	.3	12.9	-2.04	-.04	.11	-1.924	-.038	.093
14	.01	1.39	.1	13.1	-2.27	.01	.11	-2.132	.009	.106
15	.05	1.38	.4	13.0	-2.42	.08	.11	-2.273	.079	.105
16	.09	1.33	.8	12.8	-2.56	.17	.11	-2.409	.159	.105
17	.13	1.16	1.4	12.5	-2.70	.34	.11	-2.541	.248	.104
18	.07	1.15	.7	11.5	-3.44	.15	.07	-3.320	.142	.068
18	-1.76	.75	-16.6	7.0	-1.61	-3.81	0.00	-1.519	-3.587	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 75 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	1.17	.93	11.0	8.8	-.06	.08	.78	-.057	.071	.731
11	1.17	.93	11.0	8.8	-.10	.20	.70	-.171	.214	.701
2	1.15	.93	20.0	16.4	-.17	.79	.61	-.163	.658	1.229
3	1.75	.61	16.4	13.7	-.28	.79	.60	-.226	.748	1.186
4	1.49	.68	14.0	11.4	-.40	.87	.68	-.327	.822	1.299
5	1.46	.79	13.7	11.4	-.56	1.11	.77	-.445	.982	1.367
6	1.43	.89	13.4	11.4	-.75	1.21	.75	-.605	1.135	1.436
7	1.39	.99	13.0	11.4	-.97	1.11	.70	-.808	1.279	1.504
8	1.44	1.09	12.6	11.0	-1.20	1.11	.66	-1.030	1.493	1.570
9	1.64	1.17	11.5	11.0	-1.45	1.11	.64	-1.303	1.902	1.632
10	1.84	1.22	10.7	11.0	-1.72	1.11	.61	-1.618	2.359	1.695
11	2.04	1.25	9.9	11.0	-2.01	1.11	.58	-1.973	2.865	1.757
12	2.11	1.28	9.2	11.0	-2.35	1.11	.55	-2.371	3.426	1.741
13	2.10	1.31	8.6	11.0	-2.74	1.11	.52	-2.800	4.047	1.673
14	2.09	1.34	8.1	11.0	-3.17	1.11	.49	-3.261	4.725	1.605
15	2.08	1.37	7.6	11.0	-3.64	1.11	.46	-3.771	5.441	1.538
16	2.08	1.40	7.1	11.0	-4.14	1.11	.43	-4.311	6.191	1.471
17	2.07	1.43	6.6	11.0	-4.67	1.11	.40	-4.880	7.040	1.405
18	-1.02	1.47	6.2	11.0	-5.22	1.11	.37	-5.480	7.910	1.335
										0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 90 REF. PRESS. -24 .PSF GUST FACTOR= 1.400 REF AREA- 200.98 FT REF LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	1.81	.99	17.0	9.93	-.06	.12	.91	-.060	.110	.88
2	1.81	.99	17.0	9.93	-.19	.35	.91	-.181	.331	.88
3	1.77	.98	29.88	11.33	-.07	.33	1.52	-.069	.331	1.42
4	1.98	.98	29.98	11.33	-.17	.44	1.64	-.162	.331	1.54
5	1.98	.98	27.22	10.61	-.31	.69	1.83	-.231	.331	1.71
6	1.98	.98	27.44	9.90	-.45	.88	1.94	-.420	.331	1.82
7	1.98	.98	27.55	9.90	-.61	.47	2.04	-.572	.331	1.90
8	1.98	.98	27.77	9.90	-.80	.87	2.15	-.448	.331	2.02
9	1.98	.98	27.99	9.90	-1.01	.27	2.24	-.355	.331	2.11
10	1.98	.98	27.88	9.90	-1.11	.65	2.29	-.204	.331	2.15
11	1.98	.98	27.88	9.90	-1.11	.88	2.33	-.482	.331	2.15
12	1.98	.98	27.88	9.90	-1.11	.88	2.33	-.482	.331	2.15
13	1.98	.98	27.77	9.90	-1.11	.88	2.33	-.482	.331	2.15
14	1.98	.98	27.44	9.90	-1.11	.88	2.33	-.482	.331	2.15
15	1.98	.98	26.77	9.90	-1.11	.88	2.33	-.482	.331	2.15
16	1.98	.98	25.33	9.90	-1.11	.88	2.33	-.482	.331	2.15
17	1.98	.98	25.33	9.90	-1.11	.88	2.33	-.482	.331	2.15
18	1.98	.98	12.22	9.90	-1.11	.88	2.33	-.482	.331	2.15

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 105 REF PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	3.11	1.337	29.3	12.9	1.09	.20	.97	1.084	1.10	.910
2	3.11	1.337	29.3	12.9	1.09	.20	.97	1.084	1.10	.910
3	4.17	1.861	39.6	15.7	1.27	.36	1.07	1.251	1.310	1.010
4	4.75	2.095	44.6	18.0	1.39	.46	1.11	1.386	1.440	1.110
5	4.41	1.995	41.5	16.4	1.24	.42	1.03	1.263	1.320	1.010
6	4.41	1.995	41.5	16.4	1.24	.42	1.03	1.263	1.320	1.010
7	4.33	1.937	40.5	15.5	1.15	.39	.95	1.197	1.250	.940
8	4.33	1.937	40.5	15.5	1.15	.39	.95	1.197	1.250	.940
9	4.38	1.980	40.7	15.7	1.16	.40	.96	1.205	1.260	.950
10	4.44	2.051	41.1	16.1	1.18	.41	.98	1.223	1.270	.960
11	4.44	2.051	41.1	16.1	1.18	.41	.98	1.223	1.270	.960
12	4.42	2.037	41.0	16.0	1.17	.40	.97	1.215	1.260	.950
13	4.24	1.937	39.9	15.3	1.10	.38	.92	1.131	1.180	.890
14	4.07	1.837	37.7	14.3	1.03	.35	.86	1.051	1.100	.830
15	3.90	1.737	36.0	13.3	.96	.32	.80	0.971	1.020	.770
16	3.66	1.637	33.9	12.3	.89	.29	.74	0.891	0.940	.710
17	1.12	0.480	10.6	4.4	.27	.06	.24	0.271	0.280	0.210
18	-1.12	0.480	-10.6	4.4	-.27	-.06	-.24	-.271	-.280	-.210

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 120 REF. PRESS.-24.PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1										
2	4.07	.91	3.88	8.6	-.06	.26	.66	-.06	.249	.617
3	4.07	.91	3.88	8.6	-.1286	.79	.66	-.11	.746	.617
4	4.07	.91	3.88	8.6	-.1286	.61	.50	-.11	.517	.467
5	4.07	.91	3.88	8.6	-.1286	.61	.69	-.11	.519	.651
6	4.07	.91	3.88	8.6	-.1286	.61	.81	-.11	.799	.760
7	4.07	.91	3.88	8.6	-.1286	.61	.93	-.11	.902	.872
8	4.07	.91	3.88	8.6	-.1286	.61	1.04	-.11	.932	.983
9	4.07	.91	3.88	8.6	-.1286	.61	1.16	-.11	1.067	1.094
10	4.07	.91	3.88	8.6	-.1286	.61	1.27	-.11	1.152	1.193
11	4.07	.91	3.88	8.6	-.1286	.61	1.35	-.11	1.252	1.266
12	4.07	.91	3.88	8.6	-.1286	.61	1.42	-.11	1.339	1.339
13	4.07	.91	3.88	8.6	-.1286	.61	1.50	-.11	1.444	1.412
14	4.07	.91	3.88	8.6	-.1286	.61	1.50	-.11	1.500	1.410
15	4.07	.91	3.88	8.6	-.1286	.61	1.45	-.11	1.554	1.360
16	4.07	.91	3.88	8.6	-.1286	.61	1.39	-.11	1.609	1.309
17	4.07	.91	3.88	8.6	-.1286	.61	1.30	-.11	1.699	1.259
18	4.07	.91	3.88	8.6	-.1286	.61	1.10	-.11	1.722	1.253
			17.0		-3.9	-2.10	0.00	-3.6	-1.971	0.000

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH
 DATA FOR WIND DIR. 135 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF AREA= 200.50 FT REF. LENGTH= 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	4.04	.01	38.0	.1	-.00	.06	.20	-.000		.185
2	4.04	.01	38.0	.1	-.00	.06	.20	-.001		.185
3	4.65	.18	43.8	-.1	.06	.51	.03	.056		.026
4	5.66	.12	53.2	-.1	.06	.88	.22	.052		.002
5	7.44	.06	74.4	-.1	.04	1.00	.08	.035		.002
6	9.94	.09	99.0	-.1	.07	1.10	.08	.064		.005
7	13.94	.16	139.9	-.1	.11	1.24	.46	.099		.034
8	19.99	.19	199.9	-.1	.15	1.39	.54	.142		.099
9	29.99	.19	299.9	-.1	.21	1.55	.61	.201		.170
10	43.99	.30	439.9	-.1	.31	1.72	.64	.288		.233
11	63.99	.37	639.9	-.1	.41	1.90	.68	.388		.306
12	87.99	.36	879.9	-.1	.53	2.08	.71	.509		.381
13	119.99	.37	1199.9	-.1	.60	2.27	.70	.633		.456
14	164.99	.35	1649.9	-.1	.62	2.46	.67	.799		.527
15	219.99	.33	2199.9	-.1	.63	2.65	.63	.970		.592
16	299.99	.31	2999.9	-.1	.63	2.84	.59	1.167		.648
17	409.99	.28	4099.9	-.1	.63	3.03	.55	1.382		.698
18	559.99	.25	5599.9	-.1	.62	3.22	.50	1.613		.748

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH
 DATA FOR WIND DIR 150 REF. PRESS. -24 PSF GUST FACTOR= 1.400 REF. AREA= 200.50 FT REF. LENGTH= 100 FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	4.41	-1.07	41.55	-110.1	.07	.29	-.53	.066	.270	-4.94
2	4.41	-1.07	41.55	-110.1	.21	.86	-.53	.197	.810	-4.94
3	4.47	-.83	42.00	-107.1	.77	1.45	-.66	.253	1.060	-4.94
4	4.44	-.92	41.00	-109.8	.40	1.77	-.47	.577	1.374	-4.94
5	4.44	-.92	41.00	-109.8	.54	2.17	-.48	.779	1.839	-4.94
6	4.44	-.92	41.00	-109.8	.69	2.58	-.48	.983	2.303	-4.94
7	4.44	-.92	41.00	-109.8	.84	3.00	-.48	1.187	2.767	-4.94
8	4.44	-.92	41.00	-109.8	1.00	3.41	-.48	1.391	3.231	-4.94
9	4.44	-.92	41.00	-109.8	1.16	3.82	-.48	1.595	3.695	-4.94
10	4.44	-.92	41.00	-109.8	1.32	4.23	-.48	1.799	4.159	-4.94
11	4.44	-.92	41.00	-109.8	1.48	4.64	-.48	1.999	4.623	-4.94
12	4.44	-.92	41.00	-109.8	1.64	5.05	-.48	2.199	5.087	-4.94
13	4.44	-.92	41.00	-109.8	1.80	5.46	-.48	2.399	5.551	-4.94
14	4.44	-.92	41.00	-109.8	1.96	5.87	-.48	2.599	6.015	-4.94
15	4.44	-.92	41.00	-109.8	2.12	6.28	-.48	2.799	6.479	-4.94
16	4.44	-.92	41.00	-109.8	2.28	6.69	-.48	2.999	6.943	-4.94
17	4.44	-.92	41.00	-109.8	2.44	7.10	-.48	3.199	7.407	-4.94
18	4.44	-.92	41.00	-109.8	2.60	7.51	-.48	3.399	7.871	-4.94
19	4.44	-.92	41.00	-109.8	2.76	7.92	-.48	3.599	8.335	-4.94
20	4.44	-.92	41.00	-109.8	2.92	8.33	-.48	3.799	8.799	-4.94
21	4.44	-.92	41.00	-109.8	3.08	8.74	-.48	3.999	9.263	-4.94
22	4.44	-.92	41.00	-109.8	3.24	9.15	-.48	4.199	9.727	-4.94
23	4.44	-.92	41.00	-109.8	3.40	9.56	-.48	4.399	10.191	-4.94
24	4.44	-.92	41.00	-109.8	3.56	9.97	-.48	4.599	10.655	-4.94
25	4.44	-.92	41.00	-109.8	3.72	10.38	-.48	4.799	11.119	-4.94
26	4.44	-.92	41.00	-109.8	3.88	10.79	-.48	4.999	11.583	-4.94
27	4.44	-.92	41.00	-109.8	4.04	11.20	-.48	5.199	12.047	-4.94
28	4.44	-.92	41.00	-109.8	4.20	11.61	-.48	5.399	12.511	-4.94
29	4.44	-.92	41.00	-109.8	4.36	12.02	-.48	5.599	12.975	-4.94
30	4.44	-.92	41.00	-109.8	4.52	12.43	-.48	5.799	13.439	-4.94
31	4.44	-.92	41.00	-109.8	4.68	12.84	-.48	5.999	13.903	-4.94
32	4.44	-.92	41.00	-109.8	4.84	13.25	-.48	6.199	14.367	-4.94
33	4.44	-.92	41.00	-109.8	5.00	13.66	-.48	6.399	14.831	-4.94
34	4.44	-.92	41.00	-109.8	5.16	14.07	-.48	6.599	15.295	-4.94
35	4.44	-.92	41.00	-109.8	5.32	14.48	-.48	6.799	15.759	-4.94
36	4.44	-.92	41.00	-109.8	5.48	14.89	-.48	6.999	16.223	-4.94
37	4.44	-.92	41.00	-109.8	5.64	15.30	-.48	7.199	16.687	-4.94
38	4.44	-.92	41.00	-109.8	5.80	15.71	-.48	7.399	17.151	-4.94
39	4.44	-.92	41.00	-109.8	5.96	16.12	-.48	7.599	17.615	-4.94
40	4.44	-.92	41.00	-109.8	6.12	16.53	-.48	7.799	18.079	-4.94
41	4.44	-.92	41.00	-109.8	6.28	16.94	-.48	7.999	18.543	-4.94
42	4.44	-.92	41.00	-109.8	6.44	17.35	-.48	8.199	19.007	-4.94
43	4.44	-.92	41.00	-109.8	6.60	17.76	-.48	8.399	19.471	-4.94
44	4.44	-.92	41.00	-109.8	6.76	18.17	-.48	8.599	19.935	-4.94
45	4.44	-.92	41.00	-109.8	6.92	18.58	-.48	8.799	20.399	-4.94
46	4.44	-.92	41.00	-109.8	7.08	18.99	-.48	8.999	20.863	-4.94
47	4.44	-.92	41.00	-109.8	7.24	19.40	-.48	9.199	21.327	-4.94
48	4.44	-.92	41.00	-109.8	7.40	19.81	-.48	9.399	21.791	-4.94
49	4.44	-.92	41.00	-109.8	7.56	20.22	-.48	9.599	22.255	-4.94
50	4.44	-.92	41.00	-109.8	7.72	20.63	-.48	9.799	22.719	-4.94
51	4.44	-.92	41.00	-109.8	7.88	21.04	-.48	9.999	23.183	-4.94
52	4.44	-.92	41.00	-109.8	8.04	21.45	-.48	10.199	23.647	-4.94
53	4.44	-.92	41.00	-109.8	8.20	21.86	-.48	10.399	24.111	-4.94
54	4.44	-.92	41.00	-109.8	8.36	22.27	-.48	10.599	24.575	-4.94
55	4.44	-.92	41.00	-109.8	8.52	22.68	-.48	10.799	25.039	-4.94
56	4.44	-.92	41.00	-109.8	8.68	23.09	-.48	10.999	25.503	-4.94
57	4.44	-.92	41.00	-109.8	8.84	23.50	-.48	11.199	25.967	-4.94
58	4.44	-.92	41.00	-109.8	9.00	23.91	-.48	11.399	26.431	-4.94
59	4.44	-.92	41.00	-109.8	9.16	24.32	-.48	11.599	26.895	-4.94
60	4.44	-.92	41.00	-109.8	9.32	24.73	-.48	11.799	27.359	-4.94
61	4.44	-.92	41.00	-109.8	9.48	25.14	-.48	11.999	27.823	-4.94
62	4.44	-.92	41.00	-109.8	9.64	25.55	-.48	12.199	28.287	-4.94
63	4.44	-.92	41.00	-109.8	9.80	25.96	-.48	12.399	28.751	-4.94
64	4.44	-.92	41.00	-109.8	9.96	26.37	-.48	12.599	29.215	-4.94
65	4.44	-.92	41.00	-109.8	10.12	26.78	-.48	12.799	29.679	-4.94
66	4.44	-.92	41.00	-109.8	10.28	27.19	-.48	12.999	30.143	-4.94
67	4.44	-.92	41.00	-109.8	10.44	27.60	-.48	13.199	30.607	-4.94
68	4.44	-.92	41.00	-109.8	10.60	28.01	-.48	13.399	31.071	-4.94
69	4.44	-.92	41.00	-109.8	10.76	28.42	-.48	13.599	31.535	-4.94
70	4.44	-.92	41.00	-109.8	10.92	28.83	-.48	13.799	31.999	-4.94
71	4.44	-.92	41.00	-109.8	11.08	29.24	-.48	13.999	32.463	-4.94
72	4.44	-.92	41.00	-109.8	11.24	29.65	-.48	14.199	32.927	-4.94
73	4.44	-.92	41.00	-109.8	11.40	30.06	-.48	14.399	33.391	-4.94
74	4.44	-.92	41.00	-109.8	11.56	30.47	-.48	14.599	33.855	-4.94
75	4.44	-.92	41.00	-109.8	11.72	30.88	-.48	14.799	34.319	-4.94
76	4.44	-.92	41.00	-109.8	11.88	31.29	-.48	14.999	34.783	-4.94
77	4.44	-.92	41.00	-109.8	12.04	31.70	-.48	15.199	35.247	-4.94
78	4.44	-.92	41.00	-109.8	12.20	32.11	-.48	15.399	35.711	-4.94
79	4.44	-.92	41.00	-109.8	12.36	32.52	-.48	15.599	36.175	-4.94
80	4.44	-.92	41.00	-109.8	12.52	32.93	-.48	15.799	36.639	-4.94
81	4.44	-.92	41.00	-109.8	12.68	33.34	-.48	15.999	37.103	-4.94
82	4.44	-.92	41.00	-109.8	12.84	33.75	-.48	16.199	37.567	-4.94
83	4.44	-.92	41.00	-109.8	13.00	34.16	-.48	16.399	38.031	-4.94
84	4.44	-.92	41.00	-109.8	13.16	34.57	-.48	16.599	38.495	-4.94
85	4.44	-.92	41.00	-109.8	13.32	34.98	-.48	16.799	38.959	-4.94
86	4.44	-.92	41.00	-109.8	13.48	35.39	-.48	16.999	39.423	-4.94
87	4.44	-.92	41.00	-109.8	13.64	35.80	-.48	17.199	39.887	-4.94
88	4.44	-.92	41.00	-109.8	13.80	36.21	-.48	17.399	40.351	-4.94
89	4.44	-.92	41.00	-109.8	13.96	36.62	-.48	17.599	40.815	-4.94
90	4.44	-.92	41.00	-109.8	14.12	37.03	-.48	17.799	41.279	-4.94
91	4.44	-.92	41.00	-109.8	14.28	37.44	-.48	17.999	41.743	-4.94
92	4.44	-.92	41.00	-109.8	14.44	37.85	-.48	18.199	42.207	-4.94
93	4.44	-.92	41.00	-109.8	14.60	38.26	-.48	18.399	42.671	-4.94
94	4.44	-.92	41.00	-109.8	14.76	38.67	-.48	18.599	43.135	-4.94
95	4.44	-.92	41.00	-109.8	14.92	39.08	-.48	18.799	43.599	-4.94
96	4.44	-.92	41.00	-109.8	15.08	39.49	-.48	18.999	44.063	-4.94
97	4.44	-.92	41.00	-109.8	15.24	39.90	-.48	19.199	44.527	-4.94
98	4.44	-.92	41.00	-109.8	15.40	40.31	-.48	19.399	44.991	-4.94
99	4.44	-.92	41.00	-109.8	15.56	40.72	-.48	19.599	45.455	-4.94
100	4.44	-.92	41.00	-109.8	15.72	41.13	-.48	19.799	45.919	-4.94
101	4.44	-.92	41.00	-109.8	15.88	41.54	-.48	19.999	46.383	-4.94
102	4.44	-.92	41.00	-109.8	16.04	41.95	-.48	20.199	46.847	-4.94
103	4.44	-.92	41.00	-109.8	16.20	42.36	-.48	20.399	47.311	-4.94
104	4.44	-.92	41.00	-109.8	16.36	42.77	-.48	20.599	47.775	-4.94
105	4.44	-.92	41.00	-109.8	16.52	43.18	-.48	20.799	48.239	-4.94
106	4.44	-.92	41.00	-109.8	16.68	43.59	-.48	20.999	48.703	-4.94
107	4.44	-.92	41.00	-109.8	16.84	44.00	-.48	21.199	49.167	-4.94
108	4.44	-.92	41.00	-109.8	17.00	44.41	-.48	21.399	49.631	-4.94
109	4.44	-.92	41.00	-109.8	17.16	44.82	-.48	21.599	50.095	-4.94
110	4.44	-.92	41.00	-109.8	17.32	45.23	-.48	21.799	50.559	-4.94
111	4.44	-.92	41.00	-109.8	17.48	45.64	-.48	21.999	51.023	-4.94
112	4.44	-.92	41.00	-109.8	17.64	46.05	-.48	22.199	51.487	-4.94
113	4.44	-.92	41.00	-109.8	17.80	46.46	-.48	22.399	51.951	-4.94
114	4.44	-.92	41.00	-109.8	17.96	46.87	-.48	22		

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 165 REF. PRESS.-24.PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	4.08	-1.73	38.4	-16.2	.11	.27	-1.03	1.06	.249	-.966
2	4.08	-1.73	38.4	-16.2	.34	.80	-1.03	3.17	.748	-.966
3	4.35	-1.32	40.9	-12.5	.43	1.41	-1.35	4.05	.329	-1.272
4	5.15	-1.40	48.4	-13.1	.64	2.34	-1.17	5.98	.204	-1.101
5	5.09	-1.47	47.9	-13.8	.86	3.98	-1.14	8.10	.802	-1.075
6	5.14	-1.62	48.4	-15.3	1.16	5.68	-1.20	10.93	1.460	-1.139
7	5.25	-1.78	49.9	-16.7	1.50	7.39	-1.26	14.13	2.132	-1.184
8	5.32	-1.93	50.0	-18.2	1.88	9.12	-1.32	17.71	2.816	-1.238
9	5.41	-2.06	50.0	-19.4	2.28	10.87	-1.37	21.42	3.526	-1.292
10	5.41	-2.14	50.0	-20.1	2.64	12.68	-1.43	25.33	4.261	-1.344
11	5.50	-2.21	51.7	-20.8	3.02	14.50	-1.48	29.44	5.020	-1.395
12	5.59	-2.29	52.6	-21.4	3.43	16.35	-1.54	33.74	5.803	-1.447
13	5.52	-2.25	51.1	-21.1	3.66	18.26	-1.59	38.24	6.611	-1.496
14	5.13	-2.01	48.0	-20.1	3.74	19.37	-1.44	42.94	7.443	-1.549
15	4.16	-1.89	44.9	-18.9	3.79	19.73	-1.37	47.80	8.303	-1.601
16	4.98	-1.89	46.9	-17.8	3.82	10.04	-1.30	52.81	9.143	-1.653
17	4.30	-1.30	42.0	-12.0	3.62	1.65	-1.21	57.91	9.911	-1.701
18	4.52	-1.99	44.9	-19.3	2.14	1.12	0.00	63.14	10.649	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 180 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.00 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	4.01	-1.34	37.7	-12.6	.09	.26	-1.23	.082	.245	-1.153
2	4.01	-1.34	37.7	-12.6	.26	.78	-1.23	.247	.736	-1.153
3	4.24	-.44	39.9	-4.1	.14	1.38	-1.54	.134	.439	-1.459
4	4.81	-.50	45.8	-4.7	.23	2.19	-1.39	.215	.658	-1.303
5	4.76	-.57	44.8	-5.4	.34	3.44	-1.38	.316	.918	-1.295
6	4.82	-.87	45.3	-8.2	.62	5.44	-1.50	.584	1.39	-1.408
7	4.87	-1.16	45.5	-10.9	.88	8.12	-1.62	.933	2.09	-1.521
8	4.93	-1.44	46.5	-13.7	1.44	12.81	-1.74	1.344	3.55	-1.655
9	5.02	-1.64	47.2	-15.6	2.08	19.55	-1.83	1.727	5.00	-1.719
10	5.17	-1.66	48.7	-15.9	2.88	28.39	-1.85	2.158	6.11	-1.740
11	5.32	-1.77	50.1	-16.1	3.93	39.77	-1.87	2.655	7.38	-1.762
12	5.48	-1.83	51.1	-16.3	5.39	53.19	-1.90	3.238	8.83	-1.783
13	5.44	-1.83	51.1	-15.9	7.39	73.33	-1.90	3.908	10.39	-1.789
14	5.27	-1.83	49.1	-15.1	9.91	98.44	-1.90	4.654	12.05	-1.784
15	5.10	-1.83	46.9	-14.2	13.05	131.61	-1.89	5.554	13.81	-1.780
16	4.93	-1.83	44.8	-13.4	16.87	174.93	-1.89	6.603	15.65	-1.775
17	4.79	-1.83	42.8	-12.6	22.40	231.61	-1.88	7.903	17.67	-1.771
18	4.61	-1.83	40.9	-11.8	29.73	314.67	-1.87	9.455	19.98	-1.767

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 195 REF PRESS -24.P SF GUST FACTOR= 1.400 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	3	-1	35.3	-14.4	.10	.24	-1.34	.094	.0	-1.256
2	3	-1	35.3	-14.4	.30	.73	-1.34	.282	.0	-1.256
3	4	-1	39.5	-15.5	.19	1.36	-1.34	.179	.0	-1.256
4	4	-1	42.9	-16.0	.34	2.08	-1.34	.318	.0	-1.256
5	4	-1	43.6	-16.4	.53	2.71	-1.34	.494	.0	-1.256
6	4	-1	43.0	-16.1	.77	3.27	-1.34	.723	.0	-1.256
7	4	-1	42.5	-16.8	1.06	3.81	-1.34	.995	.0	-1.256
8	4	-1	41.9	-17.4	1.39	4.34	-1.34	1.310	.0	-1.256
9	4	-1	41.9	-17.7	1.73	4.89	-1.34	1.623	.0	-1.256
10	4	-1	41.9	-17.9	2.08	5.50	-1.34	1.961	.0	-1.256
11	4	-1	42.2	-18.3	2.44	6.12	-1.34	2.319	.0	-1.256
12	4	-1	42.2	-18.8	2.82	6.75	-1.34	2.688	.0	-1.256
13	4	-1	41.7	-19.4	3.25	7.20	-1.34	2.955	.0	-1.256
14	4	-1	40.1	-19.3	3.66	7.49	-1.34	3.066	.0	-1.256
15	3	-1	38.6	-19.2	4.05	7.73	-1.34	2.991	.0	-1.256
16	3	-1	37.1	-19.1	4.40	7.94	-1.34	2.847	.0	-1.256
17	3	-1	35.1	-19.2	4.71	8.13	-1.34	2.577	.0	-1.256
18	3	-1	35.8	-19.9	5.00	8.34	-1.34	2.259	.0	-1.256

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 210 REF. PRESS. -24 PSF GUST FACTOR= 1.400 REF. AREA= 200.00 FT REF. LENGTH= 100 FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	3.41	-1.98	32.1	-18.6	.13	.22	-1.00	.121	.209	-.938
2	3.41	-1.98	32.1	-18.6	.29	.67	-1.00	.321	.609	-.938
3	3.91	-1.71	33.1	-18.6	.45	.99	-1.00	.521	.909	-.938
4	3.87	-1.73	33.4	-16.1	.61	1.27	-1.00	.721	1.209	-.938
5	3.70	-1.75	34.8	-16.5	.77	1.76	-1.00	.921	1.409	-.938
6	3.58	-1.93	33.7	-18.5	.93	2.16	-1.00	1.121	1.609	-.938
7	3.47	-2.10	32.6	-19.8	1.09	2.56	-1.00	1.321	1.809	-.938
8	3.35	-2.27	31.5	-21.1	1.25	2.93	-1.00	1.521	2.009	-.938
9	3.25	-2.41	30.6	-22.4	1.41	3.30	-1.00	1.721	2.209	-.938
10	3.21	-2.48	30.2	-23.4	1.57	3.66	-1.00	1.921	2.409	-.938
11	3.16	-2.55	29.9	-24.4	1.73	4.02	-1.00	2.121	2.609	-.938
12	3.12	-2.56	29.6	-24.4	1.89	4.38	-1.00	2.321	2.809	-.938
13	3.04	-2.56	28.9	-24.4	2.05	4.74	-1.00	2.521	3.009	-.938
14	2.95	-2.41	27.7	-22.7	2.21	5.10	-1.00	2.721	3.209	-.938
15	2.85	-2.26	26.9	-21.1	2.37	5.46	-1.00	2.921	3.409	-.938
16	2.77	-2.11	26.0	-19.8	2.53	5.82	-1.00	3.121	3.609	-.938
17	2.68	-1.93	24.2	-18.6	2.69	6.18	-1.00	3.321	3.809	-.938
18	2.68	-1.17	6.4	11.0	-2.85	1.47	0.00	3.82	1.00	0.00

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 225 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	2.71	-1.97	22.55	-18.5	.13	.18	-.79	.101	.166	-.740
2	2.71	-1.97	22.55	-18.5	.13	.18	-.79	.101	.166	-.740
3	3.73	-1.82	33.55	-17.1	.59	.53	-.79	.503	.497	-.740
4	3.73	-1.79	33.55	-16.9	.82	1.21	-1.07	.503	.141	-1.005
5	3.71	-1.77	33.44	-16.7	.04	1.70	-1.02	.978	.596	-.956
6	3.56	-1.87	33.44	-17.5	.04	2.17	-1.08	.978	.042	-1.020
7	3.41	-1.97	33.22	-18.5	.66	2.54	-1.13	.978	.399	-1.059
8	3.25	-2.06	33.00	-19.4	.01	2.88	-1.17	.978	.707	-1.098
9	3.14	-2.14	32.66	-20.1	.37	3.17	-1.21	.978	.984	-1.137
10	3.13	-2.18	32.44	-20.5	.69	3.47	-1.22	.978	1.269	-1.177
11	3.11	-2.21	32.00	-20.8	.02	3.86	-1.17	.978	1.555	-1.216
12	3.10	-2.25	31.99	-21.1	.36	4.25	-1.11	.978	1.841	-1.255
13	3.10	-2.25	32.00	-20.8	.60	4.63	-1.06	.978	2.127	-1.294
14	3.12	-2.14	32.00	-19.7	.66	5.04	-1.02	.978	2.413	-1.333
15	3.15	-2.07	32.00	-18.5	.90	5.47	-.98	.978	2.699	-1.372
16	3.15	-1.99	29.99	-18.8	.02	5.90	-.92	.978	2.984	-1.411
17	3.73	-.22	16.99	-1.1	.47	6.34	-.86	.978	3.269	-1.450
18	1.80	.13	1.9	1.2	.27	3.89	0.00	.978	3.554	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 240 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	.555	-1.668	5.22	-15.88	.11	.04	-.15	.103	.034	-.144
2	.555	-1.668	5.22	-15.88	.33	.11	-.15	.308	.101	-.144
3	1.43	-1.62	13.42	-15.22	.53	.46	-.14	.494	.437	-.135
4	1.09	-1.59	10.33	-14.99	.72	.50	.00	.680	.467	.002
5	.78	-1.56	8.33	-14.77	.91	.33	.08	.861	.494	.074
6	.66	-1.62	7.77	-15.22	1.16	.56	.07	1.030	.523	.067
7	.66	-1.68	7.77	-15.88	1.42	.56	.06	1.332	.522	.060
8	.54	-1.73	6.56	-16.33	1.69	.52	.06	1.589	.492	.053
9	.45	-1.79	4.95	-16.99	1.98	.50	.06	1.864	.466	.057
10	.43	-1.86	4.43	-17.55	2.30	.39	.09	2.163	.499	.086
11	.41	-1.93	3.99	-18.22	2.64	.56	.12	2.480	.526	.114
12	.39	-2.00	3.39	-18.88	2.99	.58	.15	2.814	.549	.143
13	.39	-2.00	3.39	-18.88	3.24	.63	.18	3.053	.594	.174
14	.40	-1.94	3.55	-18.88	3.41	.70	.22	3.299	.658	.207
15	.41	-1.89	3.55	-17.77	3.57	.77	.25	3.557	.724	.240
16	.42	-1.84	3.55	-17.33	3.71	.84	.29	3.990	.793	.273
17	.49	-1.85	4.99	-17.44	3.53	.84	.29	5.002	.187	.086
18	1.96	-1.88	18.44	-18.33	1.90	4.23	0.00	17.86	3.982	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 235 REF. PRESS. -24 PSF GUST FACTOR= 1.400 REF. AREA- 200.90 FT REF. LENGTH- 100 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	-1.52	-1.40	-14.3	-13.2	.09	-.10	.54	.086	-.093	.511
2	-1.52	-1.40	-14.3	-13.2	.27	-.30	.54	.257	-.280	.511
3	-.61	-1.07	-5.8	-10.1	.35	-.20	1.02	.327	-.187	.961
4	-1.03	-1.11	-9.7	-10.4	.50	-.47	1.16	.475	-.442	1.093
5	-1.20	-1.15	-11.4	-10.8	.67	-.70	1.30	.632	-.663	1.222
6	-1.43	-1.22	-13.4	-11.4	.87	-1.02	1.41	.818	-.959	1.331
7	-1.65	-1.28	-15.5	-12.1	1.08	-1.39	1.53	1.019	-1.310	1.439
8	-1.87	-1.35	-17.6	-12.7	1.31	-1.82	1.65	1.237	-1.714	1.548
9	-2.05	-1.41	-19.8	-13.2	1.55	-2.26	1.73	1.463	-2.128	1.629
10	-2.13	-1.45	-20.0	-13.6	1.79	-2.63	1.76	1.682	-2.476	1.654
11	-2.22	-1.49	-20.0	-14.0	2.03	-3.02	1.78	1.911	-2.845	1.679
12	-2.30	-1.53	-20.1	-14.4	2.29	-3.44	1.81	2.151	-3.234	1.703
13	-2.31	-1.51	-20.1	-14.2	2.45	-3.76	1.78	2.306	-3.537	1.672
14	-2.28	-1.45	-19.8	-13.6	2.54	-4.00	1.70	2.389	-3.766	1.604
15	-2.25	-1.39	-19.9	-13.0	2.61	-4.24	1.56	2.438	-3.989	1.536
16	-2.22	-1.32	-20.0	-12.5	2.67	-4.47	1.36	2.511	-4.202	1.457
17	-.89	-.23	-8.9	-2.2	.49	-.82	.36	.457	-.776	.336
18	.87	.52	8.7	5.9	1.35	1.88	0.00	1.266	1.766	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 270 REF. PRESS. -24 PSF GUST FACTOR= 1.400 REF. AREA= 200.50 FT REF. LENGTH= 100. FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	1.19	-.71	11.2	-6.7	.05	-.15	1.00	.044	-.146	.564
2	1.19	-.71	11.2	-6.7	.14	-.46	1.00	.131	-.437	.564
3	1.19	-.71	11.2	-6.7	.23	-.72	1.00	.216	-.724	.564
4	1.19	-.71	11.2	-6.7	.32	-1.03	1.00	.301	-1.039	.564
5	1.19	-.71	11.2	-6.7	.41	-1.34	1.00	.386	-1.354	.564
6	1.19	-.71	11.2	-6.7	.50	-1.65	1.00	.471	-1.669	.564
7	1.19	-.71	11.2	-6.7	.59	-1.96	1.00	.556	-1.984	.564
8	1.19	-.71	11.2	-6.7	.68	-2.27	1.00	.641	-2.299	.564
9	1.19	-.71	11.2	-6.7	.77	-2.58	1.00	.726	-2.614	.564
10	1.19	-.71	11.2	-6.7	.86	-2.89	1.00	.811	-2.929	.564
11	1.19	-.71	11.2	-6.7	.95	-3.20	1.00	.896	-3.244	.564
12	1.19	-.71	11.2	-6.7	1.04	-3.51	1.00	.981	-3.559	.564
13	1.19	-.71	11.2	-6.7	1.13	-3.82	1.00	1.066	-3.874	.564
14	1.19	-.71	11.2	-6.7	1.22	-4.13	1.00	1.151	-4.189	.564
15	1.19	-.71	11.2	-6.7	1.31	-4.44	1.00	1.236	-4.504	.564
16	1.19	-.71	11.2	-6.7	1.40	-4.75	1.00	1.321	-4.819	.564
17	1.19	-.71	11.2	-6.7	1.49	-5.06	1.00	1.406	-5.134	.564
18	1.19	-.71	11.2	-6.7	1.58	-5.37	1.00	1.491	-5.449	.564
19	1.19	-.71	11.2	-6.7	1.67	-5.68	1.00	1.576	-5.764	.564
20	1.19	-.71	11.2	-6.7	1.76	-5.99	1.00	1.661	-6.079	.564
21	1.19	-.71	11.2	-6.7	1.85	-6.30	1.00	1.746	-6.394	.564
22	1.19	-.71	11.2	-6.7	1.94	-6.61	1.00	1.831	-6.709	.564
23	1.19	-.71	11.2	-6.7	2.03	-6.92	1.00	1.916	-7.024	.564
24	1.19	-.71	11.2	-6.7	2.12	-7.23	1.00	2.001	-7.339	.564
25	1.19	-.71	11.2	-6.7	2.21	-7.54	1.00	2.086	-7.654	.564
26	1.19	-.71	11.2	-6.7	2.30	-7.85	1.00	2.171	-7.969	.564
27	1.19	-.71	11.2	-6.7	2.39	-8.16	1.00	2.256	-8.284	.564
28	1.19	-.71	11.2	-6.7	2.48	-8.47	1.00	2.341	-8.599	.564
29	1.19	-.71	11.2	-6.7	2.57	-8.78	1.00	2.426	-8.914	.564
30	1.19	-.71	11.2	-6.7	2.66	-9.09	1.00	2.511	-9.229	.564
31	1.19	-.71	11.2	-6.7	2.75	-9.40	1.00	2.596	-9.544	.564
32	1.19	-.71	11.2	-6.7	2.84	-9.71	1.00	2.681	-9.859	.564
33	1.19	-.71	11.2	-6.7	2.93	-10.02	1.00	2.766	-10.174	.564
34	1.19	-.71	11.2	-6.7	3.02	-10.33	1.00	2.851	-10.489	.564
35	1.19	-.71	11.2	-6.7	3.11	-10.64	1.00	2.936	-10.804	.564
36	1.19	-.71	11.2	-6.7	3.20	-10.95	1.00	3.021	-11.119	.564
37	1.19	-.71	11.2	-6.7	3.29	-11.26	1.00	3.106	-11.434	.564
38	1.19	-.71	11.2	-6.7	3.38	-11.57	1.00	3.191	-11.749	.564
39	1.19	-.71	11.2	-6.7	3.47	-11.88	1.00	3.276	-12.064	.564
40	1.19	-.71	11.2	-6.7	3.56	-12.19	1.00	3.361	-12.379	.564
41	1.19	-.71	11.2	-6.7	3.65	-12.50	1.00	3.446	-12.694	.564
42	1.19	-.71	11.2	-6.7	3.74	-12.81	1.00	3.531	-13.009	.564
43	1.19	-.71	11.2	-6.7	3.83	-13.12	1.00	3.616	-13.324	.564
44	1.19	-.71	11.2	-6.7	3.92	-13.43	1.00	3.701	-13.639	.564
45	1.19	-.71	11.2	-6.7	4.01	-13.74	1.00	3.786	-13.954	.564
46	1.19	-.71	11.2	-6.7	4.10	-14.05	1.00	3.871	-14.269	.564
47	1.19	-.71	11.2	-6.7	4.19	-14.36	1.00	3.956	-14.584	.564
48	1.19	-.71	11.2	-6.7	4.28	-14.67	1.00	4.041	-14.899	.564
49	1.19	-.71	11.2	-6.7	4.37	-14.98	1.00	4.126	-15.214	.564
50	1.19	-.71	11.2	-6.7	4.46	-15.29	1.00	4.211	-15.529	.564
51	1.19	-.71	11.2	-6.7	4.55	-15.60	1.00	4.296	-15.844	.564
52	1.19	-.71	11.2	-6.7	4.64	-15.91	1.00	4.381	-16.159	.564
53	1.19	-.71	11.2	-6.7	4.73	-16.22	1.00	4.466	-16.474	.564
54	1.19	-.71	11.2	-6.7	4.82	-16.53	1.00	4.551	-16.789	.564
55	1.19	-.71	11.2	-6.7	4.91	-16.84	1.00	4.636	-17.104	.564
56	1.19	-.71	11.2	-6.7	5.00	-17.15	1.00	4.721	-17.419	.564
57	1.19	-.71	11.2	-6.7	5.09	-17.46	1.00	4.806	-17.734	.564
58	1.19	-.71	11.2	-6.7	5.18	-17.77	1.00	4.891	-18.049	.564
59	1.19	-.71	11.2	-6.7	5.27	-18.08	1.00	4.976	-18.364	.564
60	1.19	-.71	11.2	-6.7	5.36	-18.39	1.00	5.061	-18.679	.564
61	1.19	-.71	11.2	-6.7	5.45	-18.70	1.00	5.146	-18.994	.564
62	1.19	-.71	11.2	-6.7	5.54	-19.01	1.00	5.231	-19.309	.564
63	1.19	-.71	11.2	-6.7	5.63	-19.32	1.00	5.316	-19.624	.564
64	1.19	-.71	11.2	-6.7	5.72	-19.63	1.00	5.401	-19.939	.564
65	1.19	-.71	11.2	-6.7	5.81	-19.94	1.00	5.486	-20.254	.564
66	1.19	-.71	11.2	-6.7	5.90	-20.25	1.00	5.571	-20.569	.564
67	1.19	-.71	11.2	-6.7	5.99	-20.56	1.00	5.656	-20.884	.564
68	1.19	-.71	11.2	-6.7	6.08	-20.87	1.00	5.741	-21.199	.564
69	1.19	-.71	11.2	-6.7	6.17	-21.18	1.00	5.826	-21.514	.564
70	1.19	-.71	11.2	-6.7	6.26	-21.49	1.00	5.911	-21.829	.564
71	1.19	-.71	11.2	-6.7	6.35	-21.80	1.00	5.996	-22.144	.564
72	1.19	-.71	11.2	-6.7	6.44	-22.11	1.00	6.081	-22.459	.564
73	1.19	-.71	11.2	-6.7	6.53	-22.42	1.00	6.166	-22.774	.564
74	1.19	-.71	11.2	-6.7	6.62	-22.73	1.00	6.251	-23.089	.564
75	1.19	-.71	11.2	-6.7	6.71	-23.04	1.00	6.336	-23.404	.564
76	1.19	-.71	11.2	-6.7	6.80	-23.35	1.00	6.421	-23.719	.564
77	1.19	-.71	11.2	-6.7	6.89	-23.66	1.00	6.506	-24.034	.564
78	1.19	-.71	11.2	-6.7	6.98	-23.97	1.00	6.591	-24.349	.564
79	1.19	-.71	11.2	-6.7	7.07	-24.28	1.00	6.676	-24.664	.564
80	1.19	-.71	11.2	-6.7	7.16	-24.59	1.00	6.761	-24.979	.564
81	1.19	-.71	11.2	-6.7	7.25	-24.90	1.00	6.846	-25.294	.564
82	1.19	-.71	11.2	-6.7	7.34	-25.21	1.00	6.931	-25.609	.564
83	1.19	-.71	11.2	-6.7	7.43	-25.52	1.00	7.016	-25.924	.564
84	1.19	-.71	11.2	-6.7	7.52	-25.83	1.00	7.101	-26.239	.564
85	1.19	-.71	11.2	-6.7	7.61	-26.14	1.00	7.186	-26.554	.564
86	1.19	-.71	11.2	-6.7	7.70	-26.45	1.00	7.271	-26.869	.564
87	1.19	-.71	11.2	-6.7	7.79	-26.76	1.00	7.356	-27.184	.564
88	1.19	-.71	11.2	-6.7	7.88	-27.07	1.00	7.441	-27.499	.564
89	1.19	-.71	11.2	-6.7	7.97	-27.38	1.00	7.526	-27.814	.564
90	1.19	-.71	11.2	-6.7	8.06	-27.69	1.00	7.611	-28.129	.564
91	1.19	-.71	11.2	-6.7	8.15	-28.00	1.00	7.696	-28.444	.564
92	1.19	-.71	11.2	-6.7	8.24	-28.31	1.00	7.781	-28.759	.564
93	1.19	-.71	11.2	-6.7	8.33	-28.62	1.00	7.866	-29.074	.564
94	1.19	-.71	11.2	-6.7	8.42	-28.93	1.00	7.951	-29.389	.564
95	1.19	-.71	11.2	-6.7	8.51	-29.24	1.00	8.036	-29.704	.564
96	1.19	-.71	11.2	-6.7	8.60	-29.55	1.00	8.121	-30.019	.564
97	1.19	-.71	11.2	-6.7	8.69	-29.86	1.00	8.206	-30.334	.564
98	1.19	-.71	11.2	-6.7	8.78	-30.17	1.00	8.291	-30.649	.564
99	1.19	-.71	11.2	-6.7	8.87	-30.48	1.00	8.376	-30.964	.564
100	1.19	-.71	11.2	-6.7	8.96	-30.79	1.00	8.461	-31.279	.564

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 285 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.50 FT REF. LENGTH- 100 FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	-4.41	- .26	-41.55	-2.5	.02	- .29	1.03	.016	- .270	.965
2	-4.41	- .26	-41.55	-2.5	.05	- .31	1.03	.048	- 1.809	2.995
3	-4.41	- .26	-38.0	-2.0	.07	- .31	1.38	.067	- 1.236	1.299
4	-4.41	- .26	-39.0	-2.5	.12	- .38	1.43	.113	- 1.773	3.433
5	-4.41	- .26	-38.7	-3.0	.19	- .32	1.55	.175	- 2.263	4.434
6	-4.41	- .26	-39.4	-4.0	.37	- .39	1.58	.349	- 2.815	6.822
7	-4.41	- .26	-40.1	-6.8	.61	- .43	1.68	.572	- 3.385	9.700
8	-4.41	- .26	-40.7	-8.7	.90	- .44	1.68	.844	- 3.972	13.578
9	-4.41	- .26	-41.6	-10.3	1.20	- .44	1.73	1.133	- 4.592	18.630
10	-4.41	- .26	-42.7	-11.3	1.48	- .55	1.80	1.390	- 5.269	25.111
11	-4.41	- .26	-43.7	-12.3	1.78	- .65	1.88	1.673	- 5.969	33.333
12	-4.41	- .26	-44.8	-13.3	2.11	- .77	1.93	1.982	- 6.700	43.444
13	-4.41	- .26	-44.2	-13.2	2.49	- .86	1.91	2.151	- 7.180	55.999
14	-4.41	- .26	-42.4	-12.5	2.94	- .92	1.84	2.200	- 7.449	71.333
15	-4.41	- .26	-40.7	-11.8	3.47	- .98	1.77	2.331	- 7.671	89.666
16	-4.41	- .26	-38.9	-11.1	3.99	- .98	1.70	2.445	- 7.847	111.000
17	-4.41	- .26	-36.6	-10.4	4.61	- .98	1.63	2.544	- 7.971	136.333
18	-4.41	- .26	-33.9	-9.7	5.39	- .98	1.56	2.627	- 8.044	165.666
			7.5	-7.4	1.69	1.72	0.00	1.590	1.621	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR. 300 REF PRESS -24 PSF GUST FACTOR= 1.400 REF. AREA- 200.50 FT REF. LENGTH- 100 FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	-5.76	-1.11	-54.22	-1.11	.01	-1.37	.84	.007	-1.352	.786
2	-5.76	-1.11	-54.22	-1.11	.02	-1.12	.84	.021	-1.057	.786
3	-4.99	-1.10	-46.99	-1.9	.03	-1.62	1.23	.030	-1.526	1.154
4	-4.99	-1.17	-46.99	-1.66	.08	-2.26	1.30	.073	-2.122	1.255
5	-4.99	-1.24	-46.99	-2.33	.14	-2.91	1.40	.135	-2.735	1.19
6	-5.10	-1.39	-48.0	-3.7	.28	-3.64	1.42	.263	-3.429	1.34
7	-5.23	-1.54	-49.2	-5.0	.45	-4.42	1.43	.426	-4.154	1.50
8	-5.35	-1.68	-50.4	-6.4	.66	-5.22	1.45	.625	-4.911	1.65
9	-5.50	-1.81	-53.3	-7.7	.99	-6.09	1.47	.818	-5.713	1.80
10	-5.66	-1.82	-55.4	-9.0	1.22	-7.00	1.48	.936	-6.581	1.93
11	-5.83	-1.84	-57.6	-9.9	1.26	-7.97	1.50	1.058	-7.481	1.410
12	-6.00	-1.81	-60.0	-7.7	1.18	-8.97	1.51	1.186	-8.442	1.425
13	-6.17	-1.75	-62.6	-7.7	1.11	-9.70	1.49	1.242	-9.404	1.439
14	-6.33	-1.69	-65.4	-7.7	1.02	-10.18	1.43	1.237	-9.377	1.448
15	-6.46	-1.62	-68.1	-7.7	0.93	-11.62	1.33	1.217	-9.388	1.456
16	-6.57	-1.53	-71.1	-7.7	0.84	-11.79	1.23	1.182	-10.359	1.444
17	-6.66	-1.46	-74.0	-7.7	0.77	-11.79	1.12	1.068	-11.687	1.425
18	-7.5	-1.46	-77.1	-13.8	3.16	-11.62	0.00	2.976	-11.525	0.000

TABLE 7 -
 FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY, UTAH

DATA FOR WIND DIR. 315 REF. PRESS. -24.PSF GUST FACTOR- 1.400 REF. AREA- 200.80 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	-.5	.54	-55.1	5.1	-.04	-.38	.19	-.033	-.358	.176
2	-.5	.54	-55.1	5.1	-.11	-1.14	.19	-.039	-.074	.176
3	-.5	.49	-48.4	4.6	-.16	-1.67	.41	-.150	-.574	.390
4	-.4	.46	-46.0	4.3	-.21	-2.22	.42	-.195	-.890	.397
5	-.4	.42	-44.4	4.0	-.25	-2.76	.44	-.234	-1.555	.418
6	-.4	.45	-46.9	4.2	-.30	-3.30	.45	-.280	-2.222	.421
7	-.4	.47	-49.4	4.4	-.34	-3.84	.45	-.327	-2.894	.424
8	-.4	.49	-51.9	4.6	-.38	-4.38	.45	-.371	-3.563	.427
9	-.4	.49	-51.9	4.6	-.43	-4.92	.46	-.414	-4.234	.432
10	-.4	.47	-51.1	4.5	-.48	-5.46	.47	-.455	-4.904	.441
11	-.4	.46	-50.0	4.3	-.53	-6.00	.48	-.495	-5.574	.451
12	-.4	.44	-48.9	4.1	-.58	-6.54	.49	-.535	-6.244	.461
13	-.4	.43	-48.2	4.0	-.63	-7.08	.49	-.575	-6.914	.461
14	-.4	.43	-48.2	4.1	-.68	-7.62	.48	-.615	-7.584	.456
15	-.4	.44	-50.6	4.1	-.73	-8.16	.48	-.655	-8.254	.450
16	-.4	.44	-50.6	4.2	-.78	-8.70	.47	-.695	-8.924	.445
17	-.4	.40	-46.5	3.9	-.83	-9.24	.47	-.735	-9.594	.445
18	-.6	-.35	6.1	-12.7	2.9	1.41	0.00	2.756	1.325	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

DATA FOR WIND DIR 330 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.SQ FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	-.94	.94	-.94	.94	.04	.39	.07	-.039	-.363	-.062
2	-.94	.94	-.94	.94	.12	.16	.13	-.116	-.090	-.062
3	-.94	.94	-.94	.94	.18	.18	.13	-.170	-.079	-.062
4	-.94	.94	-.94	.94	.24	.21	.13	-.242	-.066	-.062
5	-.94	.94	-.94	.94	.30	.20	.13	-.318	-.053	-.062
6	-.94	.94	-.94	.94	.36	.14	.11	-.425	-.038	-.062
7	-.94	.94	-.94	.94	.42	.08	.10	-.545	-.022	-.062
8	-.94	.94	-.94	.94	.48	.04	.09	-.679	-.009	-.062
9	-.94	.94	-.94	.94	.54	.02	.08	-.820	.000	-.062
10	-.94	.94	-.94	.94	.60	.01	.06	-.961	.000	-.062
11	-.94	.94	-.94	.94	.66	.00	.05	-.112	-.000	-.062
12	-.94	.94	-.94	.94	.72	.00	.04	-.272	-.000	-.062
13	-.94	.94	-.94	.94	.78	.00	.03	-.406	-.000	-.062
14	-.94	.94	-.94	.94	.84	.00	.02	-.518	-.000	-.062
15	-.94	.94	-.94	.94	.90	.00	.01	-.630	-.000	-.062
16	-.94	.94	-.94	.94	.96	.00	.00	-.742	-.000	-.062
17	-.94	.94	-.94	.94	1.02	.00	.00	-.854	-.000	-.062
18	-.94	.94	-.94	.94	1.08	.00	.00	-.966	-.000	-.062
					2.31	1.15	0.00	2.171	1.082	0.000

TABLE 7 -
FLOOR FORCE AND MOMENT LOADS - MOUNTAIN BELL BUILDING -- SALT LAKE CITY UTAH

DATA FOR WIND DIR. 345 REF. PRESS. -24.PSF GUST FACTOR= 1.400 REF. AREA- 200.50 FT REF. LENGTH- 100.FT

FLOOR	CFX	CFY	FORCE(X) (KIPS)	FORCE(Y) (KIPS)	CMX	CMY	CMZ	MOM(X)	MOM(Y) (1000-FT-KIPS)	MOM(Z)
1	1	1	1.40	1.40	1.10	1.37	1.39	1.09	1.34	1.33
2	1	1	1.55	1.55	1.22	1.63	1.71	1.27	1.53	1.52
3	1	1	1.47	1.47	1.14	1.60	1.99	1.42	1.66	1.65
4	1	1	1.44	1.44	1.10	1.58	2.27	1.55	1.70	1.69
5	1	1	1.41	1.41	1.06	1.56	2.54	1.67	1.83	1.82
6	1	1	1.41	1.41	1.05	1.56	2.77	1.77	1.94	1.93
7	1	1	1.44	1.44	1.08	1.59	2.99	1.85	2.04	2.03
8	1	1	1.44	1.44	1.08	1.59	3.19	1.91	2.13	2.12
9	1	1	1.44	1.44	1.08	1.59	3.38	1.96	2.21	2.20
10	1	1	1.44	1.44	1.08	1.59	3.56	1.99	2.28	2.27
11	1	1	1.44	1.44	1.08	1.59	3.73	2.01	2.34	2.33
12	1	1	1.44	1.44	1.08	1.59	3.89	2.02	2.39	2.38
13	1	1	1.44	1.44	1.08	1.59	4.04	2.03	2.44	2.43
14	1	1	1.44	1.44	1.08	1.59	4.18	2.03	2.48	2.47
15	1	1	1.44	1.44	1.08	1.59	4.31	2.03	2.52	2.51
16	1	1	1.44	1.44	1.08	1.59	4.43	2.03	2.55	2.54
17	1	1	1.44	1.44	1.08	1.59	4.54	2.03	2.58	2.57
18	1	1	1.44	1.44	1.08	1.59	4.64	2.03	2.61	2.60
19	1	1	1.44	1.44	1.08	1.59	4.73	2.03	2.64	2.63
20	1	1	1.44	1.44	1.08	1.59	4.81	2.03	2.66	2.65
21	1	1	1.44	1.44	1.08	1.59	4.88	2.03	2.68	2.67
22	1	1	1.44	1.44	1.08	1.59	4.94	2.03	2.70	2.69
23	1	1	1.44	1.44	1.08	1.59	5.00	2.03	2.71	2.70
24	1	1	1.44	1.44	1.08	1.59	5.05	2.03	2.72	2.71
25	1	1	1.44	1.44	1.08	1.59	5.09	2.03	2.73	2.72
26	1	1	1.44	1.44	1.08	1.59	5.13	2.03	2.74	2.73
27	1	1	1.44	1.44	1.08	1.59	5.16	2.03	2.75	2.74
28	1	1	1.44	1.44	1.08	1.59	5.19	2.03	2.75	2.74
29	1	1	1.44	1.44	1.08	1.59	5.21	2.03	2.75	2.74
30	1	1	1.44	1.44	1.08	1.59	5.23	2.03	2.75	2.74
31	1	1	1.44	1.44	1.08	1.59	5.24	2.03	2.75	2.74
32	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
33	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
34	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
35	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
36	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
37	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
38	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
39	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
40	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
41	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
42	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
43	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
44	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
45	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
46	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
47	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
48	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
49	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
50	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
51	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
52	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
53	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
54	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
55	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
56	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
57	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
58	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
59	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
60	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
61	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
62	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
63	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
64	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
65	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
66	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
67	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
68	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
69	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
70	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
71	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
72	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
73	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
74	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
75	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
76	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
77	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
78	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
79	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
80	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
81	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
82	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
83	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
84	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
85	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
86	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
87	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
88	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
89	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
90	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
91	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
92	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
93	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
94	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
95	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
96	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
97	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
98	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
99	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74
100	1	1	1.44	1.44	1.08	1.59	5.25	2.03	2.75	2.74

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:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	101	.024	.105	.407	-.312	0	215	.239	.154	.812	-.368	0	323	-.260	.129	.057	-1.125
0	102	.094	.110	.509	-.198	0	216	.251	.142	.642	-.293	0	324	-.244	.124	.129	-.913
0	103	.122	.105	.462	-.178	0	217	.299	.104	.648	-.007	0	325	-.409	.142	-.123	-1.227
0	104	.125	.104	.546	-.156	0	218	.206	.096	.554	-.028	0	326	-.415	.143	-.149	-1.303
0	105	.149	.103	.542	-.146	0	219	.126	.084	.531	-.142	0	327	-.359	.124	.069	-.966
0	106	.121	.105	.543	-.201	0	220	-.102	.065	.139	-.322	0	328	-.210	.095	.067	-.623
0	107	.084	.111	.522	-.387	0	221	-.193	.076	.060	-.508	0	329	-.157	.057	.044	-.479
0	108	.245	.127	.733	-.156	0	222	.146	.153	.640	-.475	0	330	-.162	.051	.027	-.453
0	109	.310	.128	.847	-.086	0	223	.166	.148	.641	-.365	0	331	-.414	.131	-.085	-.947
0	110	.316	.128	.761	-.032	0	224	.191	.096	.563	-.024	0	332	-.360	.123	-.057	-.861
0	111	.300	.128	.719	-.072	0	225	.189	.087	.493	-.039	0	333	-.249	.086	-.014	-.578
0	112	.299	.135	.719	-.102	0	226	.088	.072	.347	-.086	0	334	-.195	.065	-.007	-.469
0	113	-.007	.090	.376	-.336	0	227	-.114	.059	.130	-.362	0	335	-.166	.051	-.023	-.362
0	114	.168	.106	.565	-.135	0	228	-.242	.070	-.022	-.558	0	336	-.166	.050	-.033	-.414
0	115	.386	.128	.923	.065	0	229	.159	.095	.452	-.260	0	401	-.218	.087	.071	-.700
0	116	.442	.132	.954	.126	0	230	.143	.095	.573	-.225	0	402	-.206	.084	.069	-.737
0	117	.343	.125	.761	.008	0	231	.181	.076	.600	.002	0	403	-.199	.064	-.007	-.459
0	118	.284	.134	.727	-.076	0	232	.150	.074	.567	-.031	0	404	-.178	.058	-.024	-.444
0	119	-.062	.095	.252	-.471	0	233	.106	.065	.469	-.054	0	405	-.173	.062	.013	-.469
0	120	.144	.110	.510	-.255	0	234	-.172	.064	.116	-.420	0	406	-.174	.070	.047	-.519
0	121	.287	.112	.657	.032	0	235	-.314	.097	-.027	-.720	0	407	-.215	.080	.036	-.583
0	122	.309	.110	.685	.049	0	236	.269	.081	.636	.060	0	408	-.203	.075	.053	-.567
0	123	.266	.107	.673	-.010	0	237	.259	.086	.621	-.050	0	409	-.192	.060	-.021	-.435
0	124	.266	.119	.709	-.156	0	238	.250	.086	.596	.030	0	410	-.174	.058	.005	-.423
0	125	-.152	.097	.203	-.555	0	239	.221	.094	.612	.012	0	411	-.181	.059	.002	-.508
0	126	.014	.080	.318	-.228	0	240	.126	.076	.438	-.083	0	412	-.178	.063	.033	-.541
0	127	.177	.085	.519	-.012	0	241	-.030	.058	.195	-.263	0	413	-.232	.089	.010	-.624
0	128	.234	.089	.643	.005	0	242	-.158	.072	.060	-.462	0	414	-.208	.074	.022	-.521
0	129	.172	.080	.491	-.031	0	301	-.424	.124	-.157	-1.108	0	415	-.186	.047	.002	-.357
0	130	.139	.084	.411	-.132	0	302	-.412	.111	-.154	-1.134	0	416	-.165	.041	-.034	-.311
0	131	-.108	.082	.130	-.438	0	303	-.409	.125	.076	-1.004	0	417	-.168	.043	-.031	-.386
0	132	.042	.057	.291	-.146	0	304	-.314	.126	.105	-.825	0	418	-.170	.044	-.042	-.401
0	133	.193	.070	.575	.008	0	305	-.230	.123	.090	-1.125	0	419	-.241	.067	-.027	-.602
0	134	.247	.082	.568	.051	0	306	-.237	.134	.190	-1.141	0	420	-.217	.073	-.027	-.502
0	135	.242	.082	.560	.029	0	307	-.384	.130	-.111	-1.030	0	421	-.197	.050	-.048	-.388
0	136	.274	.082	.578	.039	0	308	-.387	.135	-.116	-1.189	0	422	-.171	.044	-.010	-.339
0	201	.032	.126	.400	-.437	0	309	-.369	.121	-.009	-.973	0	423	-.159	.039	-.017	-.323
0	202	.057	.106	.390	-.287	0	310	-.317	.123	.062	-.852	0	424	-.155	.041	.007	-.319
0	203	.027	.081	.328	-.223	0	311	-.228	.123	.183	-.885	0	425	-.176	.047	-.038	-.362
0	204	-.008	.075	.299	-.279	0	312	-.239	.139	.105	-1.037	0	426	-.174	.047	-.039	-.364
0	205	-.007	.075	.274	-.245	0	313	-.312	.093	-.079	-.668	0	427	-.204	.047	-.087	-.364
0	206	-.107	.067	.119	-.401	0	314	-.322	.095	-.087	-.704	0	428	-.199	.045	-.032	-.357
0	207	-.214	.070	-.033	-.536	0	315	-.341	.111	-.047	-.869	0	429	-.169	.045	.020	-.340
0	208	.159	.150	.669	-.374	0	316	-.304	.107	.003	-.799	0	430	-.169	.049	.042	-.374
0	209	.214	.128	.595	-.276	0	317	-.265	.133	.100	-.888	0	431	-.177	.044	-.029	-.347
0	210	.170	.095	.518	-.086	0	318	-.272	.138	.057	-.892	0	432	-.172	.045	-.029	-.331
0	211	.137	.088	.497	-.144	0	319	-.319	.098	-.092	-.810	0	433	-.187	.048	-.075	-.386
0	212	.091	.083	.471	-.144	0	320	-.333	.104	-.095	-.809	0	434	-.198	.049	-.074	-.406
0	213	-.041	.069	.209	-.299	0	321	-.350	.113	-.055	-1.115	0	435	-.181	.046	-.010	-.340
0	214	-.223	.082	.032	-.574	0	322	-.313	.118	.105	-.958	0	436	-.172	.046	.050	-.340

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	501	-.166	.068	.033	-.510	0	605	-.443	.118	-.172	-1.310	0	719	-.292	.095	.019	-.728
0	502	-.163	.070	.039	-.513	0	606	-.436	.117	-.165	-1.274	0	720	-.301	.102	.025	-.721
0	503	-.169	.072	.077	-.521	0	607	-.315	.163	.161	-1.174	0	721	-.257	.073	-.053	-.607
0	504	-.179	.078	.098	-.523	0	608	-.304	.149	.201	-.826	0	722	-.323	.140	.177	-1.023
0	505	-.225	.098	.089	-.828	0	609	-.403	.155	.113	-1.250	0	801	-.019	.063	.224	-.262
0	506	-.267	.120	.093	-.803	0	610	-.453	.128	-.016	-1.072	0	802	-.042	.066	.177	-.329
0	507	-.286	.120	.052	-.965	0	611	-.418	.113	-.128	-1.099	0	803	-.044	.056	.158	-.294
0	508	-.163	.063	.004	-.502	0	612	-.413	.110	-.132	-1.001	0	804	.039	.048	.231	-.148
0	509	-.154	.063	.065	-.471	0	613	-.382	.156	.051	-1.183	0	805	.254	.072	.514	.063
0	510	-.165	.070	.062	-.736	0	614	-.373	.137	.016	-.979	0	806	.274	.089	.622	.045
0	511	-.176	.075	.049	-.671	0	615	-.402	.122	.031	-.959	0	807	.281	.091	.649	.048
0	512	-.225	.093	.058	-.819	0	616	-.441	.123	-.042	-1.060	0	808	.278	.103	.674	.023
0	513	-.257	.112	.089	-.705	0	617	-.411	.108	-.123	-.922	0	809	.276	.102	.678	.044
0	514	-.275	.126	.074	-.829	0	618	-.406	.105	-.138	-.916	0	810	.270	.105	.659	.037
0	515	-.158	.044	-.045	-.320	0	619	-.344	.124	-.042	-.880	0	811	.298	.118	.776	.024
0	516	-.174	.045	-.041	-.342	0	620	-.337	.125	-.018	-1.011	0	812	.283	.113	.836	.031
0	517	-.173	.047	-.044	-.362	0	621	-.411	.147	.076	-1.007	0	813	.111	.067	.430	-.149
0	518	-.199	.056	-.024	-.449	0	622	-.464	.149	.028	-1.167	0	814	-.076	.085	.215	-.431
0	519	-.246	.077	.017	-.570	0	623	-.440	.139	-.124	-1.354	0	815	-.019	.069	.199	-.299
0	520	-.306	.099	-.010	-.687	0	624	-.450	.146	-.142	-1.320	0	816	.000	.060	.219	-.226
0	521	-.324	.113	-.015	-.789	0	625	-.188	.070	.061	-.517	0	817	-.103	.104	.358	-.528
0	522	-.150	.041	-.026	-.393	0	626	-.114	.065	.167	-.477	0	818	-.136	.060	.090	-.387
0	523	-.143	.042	-.022	-.369	0	627	-.101	.117	.235	-.620	0	819	-.091	.040	.064	-.235
0	524	-.153	.045	.007	-.493	0	628	-.451	.201	.130	-1.225	0	820	.147	.097	.500	-.068
0	525	-.164	.050	-.024	-.381	0	629	-.582	.184	-.147	-1.541	0	821	.151	.084	.493	-.101
0	526	-.246	.081	-.019	-.666	0	630	-.567	.178	-.114	-1.425	0	822	-.190	.055	-.017	-.461
0	527	-.334	.112	.005	-.880	0	631	-.056	.070	.165	-.569	0	823	-.154	.040	-.032	-.348
0	528	-.361	.114	-.034	-.913	0	632	-.059	.069	.155	-.388	0	824	-.195	.040	-.049	-.361
0	529	-.157	.046	.046	-.314	0	633	-.080	.078	.160	-.500	0	825	-.155	.044	-.005	-.302
0	530	-.153	.039	-.016	-.315	0	634	-.133	.097	.142	-.660	0	826	-.190	.047	-.068	-.373
0	531	-.144	.038	-.034	-.278	0	635	-.205	.148	.091	-1.003	0	827	-.146	.042	.005	-.322
0	532	-.168	.053	-.027	-.493	0	636	-.561	.257	.023	-1.702	0	828	-.175	.043	-.032	-.400
0	533	-.164	.050	.002	-.369	0	701	-.196	.110	.213	-.634	0	829	-.141	.042	.017	-.310
0	534	-.325	.133	-.004	-1.011	0	702	-.250	.105	.095	-.729	0	830	-.143	.047	.001	-.323
0	535	-.335	.122	-.015	-.922	0	703	-.251	.101	.096	-.657	0	831	-.143	.049	.018	-.390
0	536	-.165	.040	-.029	-.342	0	704	-.239	.088	.146	-.704	0	832	-.155	.041	.072	-.296
0	537	-.155	.043	-.029	-.422	0	705	-.169	.084	.169	-.602	0	833	-.125	.041	-.002	-.288
0	538	-.159	.045	-.031	-.345	0	706	-.180	.099	.220	-.560	0	834	-.132	.039	.006	-.304
0	539	-.166	.052	-.010	-.420	0	707	-.355	.146	.189	-1.001	0	835	-.138	.047	-.003	-.404
0	540	-.092	.057	.107	-.270	0	708	-.461	.103	-.170	-.837	0	836	-.169	.051	-.003	-.439
0	541	-.141	.046	.043	-.357	0	709	-.477	.116	-.152	-.947	0	837	-.122	.038	-.021	-.331
0	542	-.158	.044	-.019	-.311	0	710	-.431	.101	-.133	-.895	0	838	-.119	.035	-.014	-.260
0	543	-.160	.043	0.000	-.307	0	711	-.438	.108	-.149	-.927	0	839	.054	.099	.473	-.258
0	544	.033	.068	.428	-.211	0	712	-.438	.104	-.145	-.811	0	840	-.021	.065	.217	-.245
0	545	-.060	.054	.157	-.228	0	713	-.489	.125	-.125	-.999	0	841	.005	.070	.368	-.199
0	546	-.068	.057	.135	-.321	0	714	-.380	.113	-.085	-.897	0	842	-.000	.053	.195	-.208
0	601	-.300	.162	.242	-1.069	0	715	-.434	.128	.005	-.989	0	843	-.153	.046	-.022	-.351
0	602	-.300	.144	.133	-.913	0	716	-.259	.206	.647	-.764	0	844	-.185	.050	-.054	-.516
0	603	-.412	.156	.112	-1.244	0	717	-.456	.112	-.076	-.856	0	845	-.158	.045	-.038	-.338
0	604	-.470	.129	-.050	-1.154	0	718	-.303	.082	-.030	-.686	0	846	-.163	.050	.023	-.392

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
0	847	-.143	.045	-.011	-.324	15	205	-.053	.056	.229	-.246	15	313	-.182	.043	-.046	-.407
0	848	-.148	.046	-.018	-.411	15	206	-.110	.049	.127	-.356	15	314	-.187	.043	-.063	-.422
0	849	-.133	.041	-.007	-.300	15	207	-.179	.048	-.010	-.379	15	315	-.215	.051	-.084	-.551
0	850	-.159	.045	-.034	-.402	15	208	-.110	.174	.385	-.666	15	316	-.217	.059	.021	-.644
0	851	-.155	.040	.014	-.327	15	209	-.042	.167	.439	-.675	15	317	-.248	.090	.029	-.989
0	852	-.153	.049	.023	-.388	15	210	.068	.077	.333	-.201	15	318	-.252	.095	-.010	-.981
0	853	.097	.080	.416	-.122	15	211	.053	.067	.311	-.140	15	319	-.220	.042	-.114	-.401
0	854	.130	.126	.735	-.157	15	212	.016	.061	.268	-.199	15	320	-.198	.049	-.050	-.535
0	855	.204	.095	.612	-.061	15	213	-.023	.044	.134	-.178	15	321	-.209	.059	-.012	-.632
0	856	.153	.090	.471	-.141	15	214	-.167	.047	.001	-.430	15	322	-.213	.063	-.040	-.824
15	101	.128	.123	.508	-.423	15	215	.003	.189	.516	-.594	15	323	-.245	.075	.006	-.636
15	102	.174	.122	.567	-.339	15	216	.001	.184	.539	-.643	15	324	-.237	.081	-.053	-.723
15	103	.115	.108	.468	-.229	15	217	.190	.080	.543	-.002	15	325	-.255	.066	-.077	-.710
15	104	.137	.096	.480	-.164	15	218	.116	.074	.363	-.080	15	326	-.261	.066	-.073	-.726
15	105	.086	.100	.501	-.231	15	219	.053	.064	.326	-.128	15	327	-.289	.069	-.067	-.751
15	106	.019	.105	.381	-.288	15	220	-.097	.043	.113	-.244	15	328	-.229	.055	-.056	-.505
15	107	.170	.140	.756	-.266	15	221	-.101	.040	.055	-.257	15	329	-.177	.045	-.033	-.376
15	108	.310	.142	.866	-.104	15	222	-.043	.182	.530	-.598	15	330	-.181	.049	-.017	-.458
15	109	.321	.129	.806	-.039	15	223	-.023	.184	.552	-.662	15	331	-.275	.091	-.077	-.673
15	110	.294	.126	.797	-.070	15	224	.113	.075	.453	-.066	15	332	-.260	.085	-.043	-.672
15	111	.194	.117	.613	-.195	15	225	.144	.063	.395	-.014	15	333	-.232	.059	-.072	-.475
15	112	.158	.119	.584	-.220	15	226	.041	.056	.272	-.095	15	334	-.203	.049	-.055	-.394
15	113	.077	.118	.459	-.437	15	227	-.102	.040	.055	-.246	15	335	-.170	.043	-.022	-.351
15	114	.243	.126	.657	-.216	15	228	-.180	.040	-.044	-.330	15	336	-.170	.040	-.038	-.378
15	115	.374	.138	.955	.034	15	229	.075	.101	.376	-.365	15	401	-.194	.058	.047	-.480
15	116	.383	.129	.931	.007	15	230	.028	.111	.360	-.388	15	402	-.179	.053	.044	-.425
15	117	.215	.132	.693	-.132	15	231	.122	.060	.336	-.150	15	403	-.162	.039	.020	-.315
15	118	.103	.162	.569	-.336	15	232	.096	.056	.308	-.047	15	404	-.155	.040	-.005	-.318
15	119	.049	.133	.520	-.406	15	233	.090	.047	.302	-.037	15	405	-.147	.049	.032	-.383
15	120	.241	.123	.668	-.100	15	234	-.134	.046	.038	-.337	15	406	-.148	.055	.064	-.480
15	121	.324	.128	.722	.028	15	235	-.224	.058	-.058	-.517	15	407	-.204	.060	-.017	-.667
15	122	.294	.113	.767	.043	15	236	.213	.082	.605	-.056	15	408	-.188	.055	-.008	-.589
15	123	.154	.109	.662	-.103	15	237	.185	.073	.501	-.073	15	409	-.155	.043	-.033	-.356
15	124	.112	.129	.677	-.261	15	238	.215	.076	.497	.021	15	410	-.144	.043	.030	-.327
15	125	.005	.113	.382	-.504	15	239	.156	.074	.485	-.123	15	411	-.154	.047	.005	-.393
15	126	.101	.092	.409	-.216	15	240	.063	.069	.323	-.112	15	412	-.154	.052	.026	-.410
15	127	.173	.084	.552	-.020	15	241	-.041	.056	.203	-.225	15	413	-.193	.048	-.036	-.424
15	128	.224	.078	.538	.032	15	242	-.107	.056	.085	-.469	15	414	-.168	.041	-.015	-.325
15	129	.118	.072	.574	-.076	15	301	-.249	.070	-.043	-.521	15	415	-.157	.034	-.024	-.310
15	130	.048	.085	.466	-.243	15	302	-.243	.062	-.060	-.523	15	416	-.176	.036	-.044	-.301
15	131	.044	.082	.300	-.357	15	303	-.262	.078	-.067	-.888	15	417	-.161	.042	-.038	-.514
15	132	.148	.056	.370	-.019	15	304	-.229	.082	.036	-.675	15	418	-.163	.045	-.034	-.489
15	133	.208	.070	.486	.018	15	305	-.229	.095	.055	-.818	15	419	-.206	.048	-.017	-.393
15	134	.236	.079	.579	.043	15	306	-.241	.105	.031	-.809	15	420	-.230	.041	-.056	-.383
15	135	.212	.071	.544	.022	15	307	-.247	.054	-.099	-.526	15	421	-.166	.036	-.048	-.288
15	136	.237	.068	.557	.048	15	308	-.220	.055	-.030	-.520	15	422	-.150	.036	-.012	-.273
15	201	-.188	.143	.310	-.939	15	309	-.230	.073	-.015	-.663	15	423	-.163	.043	-.005	-.354
15	202	-.106	.119	.305	-.679	15	310	-.228	.076	.061	-.660	15	424	-.211	.046	-.071	-.415
15	203	-.034	.070	.221	-.303	15	311	-.252	.093	.076	-.753	15	425	-.191	.043	-.058	-.390
15	204	-.057	.069	.178	-.356	15	312	-.240	.108	.046	-.852	15	426	-.185	.040	-.057	-.389

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	427	-.197	.033	-.088	-.308	15	541	-.143	.035	-.011	-.251	15	709	-.550	.131	-.184	-1.023
15	428	-.223	.033	-.095	-.335	15	542	-.158	.035	-.019	-.281	15	710	-.486	.114	-.136	-.952
15	429	-.155	.032	-.033	-.274	15	543	-.154	.035	-.030	-.271	15	711	-.447	.115	-.126	-1.066
15	430	-.156	.034	-.030	-.280	15	544	.071	.070	.389	-.076	15	712	-.441	.103	-.134	-.936
15	431	-.180	.038	-.027	-.374	15	545	.010	.063	.248	-.208	15	713	-.465	.134	.038	-1.083
15	432	-.183	.038	-.041	-.369	15	546	-.003	.062	.225	-.252	15	714	-.292	.098	.000	-.984
15	433	-.178	.035	-.079	-.298	15	601	-.215	.058	.055	-.501	15	715	-.388	.110	-.053	-.870
15	434	-.177	.035	-.059	-.315	15	602	-.188	.061	.001	-.582	15	716	-.130	.234	.742	-.725
15	435	-.167	.034	-.037	-.283	15	603	-.214	.116	.051	-.885	15	717	-.391	.092	-.103	-.827
15	436	-.166	.035	-.046	-.284	15	604	-.343	.161	-.038	-.935	15	718	-.246	.059	-.054	-.609
15	501	-.152	.063	.034	-.546	15	605	-.578	.159	-.115	-1.302	15	719	-.257	.076	-.016	-.570
15	502	-.154	.070	.050	-.651	15	606	-.579	.156	-.149	-1.296	15	720	-.291	.091	-.051	-.774
15	503	-.181	.090	.043	-.650	15	607	-.201	.055	-.016	-.533	15	721	-.241	.051	-.087	-.428
15	504	-.232	.109	.049	-.939	15	608	-.175	.055	.071	-.492	15	722	-.152	.131	.387	-.681
15	505	-.252	.083	.009	-.673	15	609	-.182	.112	.035	-.801	15	801	.071	.069	.378	-.139
15	506	-.240	.067	.024	-.532	15	610	-.332	.182	.043	-1.006	15	802	.059	.065	.332	-.140
15	507	-.242	.066	-.016	-.520	15	611	-.575	.162	-.008	-1.308	15	803	.016	.058	.270	-.173
15	508	-.141	.058	.024	-.442	15	612	-.609	.169	-.228	-1.741	15	804	.091	.058	.401	-.104
15	509	-.150	.058	.026	-.516	15	613	-.279	.072	-.070	-.679	15	805	.219	.064	.437	.054
15	510	-.171	.081	.037	-.587	15	614	-.246	.080	-.036	-.730	15	806	.221	.073	.445	.046
15	511	-.215	.086	0.000	-.799	15	615	-.240	.164	.083	-.885	15	807	.219	.076	.460	.019
15	512	-.260	.077	-.059	-.620	15	616	-.402	.214	.091	-1.139	15	808	.190	.081	.520	-.048
15	513	-.241	.059	-.044	-.519	15	617	-.503	.138	.063	-1.103	15	809	.222	.081	.591	.032
15	514	-.233	.065	-.007	-.641	15	618	-.495	.128	.006	-1.076	15	810	.216	.086	.634	.023
15	515	-.176	.048	-.053	-.409	15	619	-.314	.074	-.085	-.664	15	811	.227	.094	.706	-.000
15	516	-.182	.043	-.032	-.364	15	620	-.260	.070	-.031	-.818	15	812	.251	.100	.789	.024
15	517	-.205	.049	-.051	-.439	15	621	-.185	.138	.146	-.811	15	813	.137	.078	.419	-.132
15	518	-.252	.064	-.065	-.534	15	622	-.289	.219	.108	-1.228	15	814	-.089	.086	.212	-.462
15	519	-.285	.064	-.089	-.657	15	623	-.489	.175	.078	-1.420	15	815	-.001	.066	.241	-.360
15	520	-.300	.066	-.088	-.601	15	624	-.460	.171	.041	-1.174	15	816	.011	.059	.246	-.289
15	521	-.301	.068	-.085	-.640	15	625	-.197	.064	.027	-.479	15	817	-.030	.092	.329	-.407
15	522	-.167	.050	.006	-.417	15	626	-.096	.044	.081	-.251	15	818	-.141	.059	.103	-.392
15	523	-.162	.052	.032	-.433	15	627	-.002	.069	.237	-.367	15	819	-.107	.040	.049	-.276
15	524	-.182	.065	.005	-.476	15	628	-.109	.190	.288	-1.119	15	820	.085	.085	.446	-.134
15	525	-.215	.069	-.025	-.546	15	629	-.313	.227	.276	-1.294	15	821	.088	.075	.478	-.117
15	526	-.349	.098	-.087	-.762	15	630	-.331	.218	.203	-1.515	15	822	-.193	.042	-.075	-.371
15	527	-.417	.096	-.152	-.816	15	631	.022	.061	.336	-.184	15	823	-.152	.030	-.051	-.271
15	528	-.436	.095	-.176	-.796	15	632	.037	.062	.298	-.195	15	824	-.178	.034	-.060	-.297
15	529	-.165	.039	-.027	-.315	15	633	.038	.065	.296	-.181	15	825	-.152	.035	-.041	-.291
15	530	-.161	.033	-.038	-.291	15	634	.014	.084	.283	-.485	15	826	-.174	.033	-.075	-.311
15	531	-.168	.041	-.032	-.398	15	635	-.038	.103	.244	-.605	15	827	-.132	.030	.010	-.236
15	532	-.191	.058	-.044	-.532	15	636	-.213	.235	.268	-1.159	15	828	-.159	.033	-.045	-.304
15	533	-.167	.051	-.005	-.490	15	701	-.144	.087	.220	-.593	15	829	-.141	.037	-.012	-.333
15	534	-.395	.126	-.113	-1.012	15	702	-.181	.075	.123	-.489	15	830	-.165	.037	-.034	-.305
15	535	-.401	.110	-.123	-.989	15	703	-.165	.083	.153	-.528	15	831	-.161	.037	-.050	-.301
15	536	-.169	.035	-.061	-.347	15	704	-.183	.065	.046	-.498	15	832	-.153	.037	-.016	-.275
15	537	-.184	.053	-.058	-.531	15	705	-.094	.064	.131	-.337	15	833	-.157	.037	-.056	-.294
15	538	-.169	.041	-.060	-.332	15	706	-.096	.067	.154	-.357	15	834	-.157	.035	-.060	-.286
15	539	-.163	.043	-.052	-.352	15	707	-.252	.097	.048	-.720	15	835	-.149	.041	-.030	-.311
15	540	-.081	.046	.208	-.232	15	708	-.521	.116	-.141	-.953	15	836	-.181	.052	-.043	-.477

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
15	837	-.140	.034	-.034	-.296	30	131	.087	.063	.331	-.431	30	303	-.155	.054	.035	-.431
15	838	-.141	.033	-.045	-.286	30	132	.136	.053	.389	-.129	30	304	-.153	.050	.000	-.438
15	839	.129	.098	.566	-.128	30	133	.168	.070	.467	-.077	30	305	-.163	.060	.008	-.521
15	840	.069	.064	.364	-.097	30	134	.178	.078	.429	-.057	30	306	-.169	.063	.003	-.553
15	841	.021	.074	.498	-.176	30	135	.144	.073	.395	-.122	30	307	-.156	.040	-.022	-.330
15	842	.064	.060	.332	-.102	30	136	.156	.072	.422	-.143	30	308	-.158	.042	-.028	-.324
15	843	-.166	.043	-.055	-.421	30	201	-.340	.135	.010	-.869	30	309	-.156	.047	-.007	-.398
15	844	-.175	.042	-.045	-.383	30	202	-.228	.095	.037	-.586	30	310	-.160	.048	.006	-.470
15	845	-.161	.041	-.032	-.345	30	203	-.099	.053	.099	-.394	30	311	-.172	.059	.001	-.548
15	846	-.172	.044	-.037	-.379	30	204	-.070	.053	.115	-.235	30	312	-.171	.059	.010	-.456
15	847	-.170	.045	-.046	-.437	30	205	-.088	.043	.084	-.251	30	313	-.132	.031	-.012	-.236
15	848	-.174	.051	-.042	-.445	30	206	-.110	.042	.037	-.287	30	314	-.137	.031	-.022	-.252
15	849	-.155	.042	.005	-.318	30	207	-.152	.043	-.012	-.346	30	315	-.151	.032	-.042	-.285
15	850	-.174	.045	-.040	-.401	30	208	-.340	.161	.112	-.970	30	316	-.149	.035	-.038	-.289
15	851	-.146	.033	-.010	-.251	30	209	-.270	.151	.145	-.767	30	317	-.165	.046	-.020	-.424
15	852	-.170	.034	-.055	-.292	30	210	-.043	.053	.139	-.244	30	318	-.175	.048	-.027	-.392
15	853	.054	.068	.339	-.125	30	211	-.034	.049	.141	-.203	30	319	-.148	.033	-.056	-.280
15	854	.047	.088	.516	-.233	30	212	-.050	.043	.124	-.205	30	320	-.138	.031	-.033	-.266
15	855	.145	.085	.425	-.168	30	213	-.061	.037	.124	-.228	30	321	-.139	.032	-.041	-.277
15	856	.102	.085	.490	-.183	30	214	-.146	.039	.001	-.295	30	322	-.153	.034	-.045	-.328
30	101	.241	.151	.731	-.361	30	215	-.305	.172	.228	-.932	30	323	-.178	.044	-.076	-.489
30	102	.201	.136	.608	-.340	30	216	-.338	.202	.129	-1.096	30	324	-.174	.048	-.035	-.453
30	103	.066	.094	.431	-.266	30	217	.038	.059	.255	-.312	30	325	-.157	.041	-.048	-.331
30	104	.095	.085	.457	-.190	30	218	.007	.051	.248	-.164	30	326	-.163	.041	-.055	-.341
30	105	.014	.077	.438	-.271	30	219	-.023	.043	.164	-.171	30	327	-.179	.046	-.071	-.449
30	106	-.085	.078	.325	-.345	30	220	-.106	.032	.002	-.222	30	328	-.172	.044	-.050	-.392
30	107	.343	.157	.807	-.105	30	221	-.089	.038	.014	-.291	30	329	-.159	.041	-.046	-.336
30	108	.395	.153	.837	-.005	30	222	-.274	.162	.144	-.820	30	330	-.167	.043	-.050	-.364
30	109	.262	.119	.661	-.077	30	223	-.254	.172	.218	-.863	30	331	-.182	.055	-.032	-.454
30	110	.214	.111	.620	-.077	30	224	.003	.055	.239	-.261	30	332	-.169	.050	-.040	-.382
30	111	.041	.083	.358	-.249	30	225	.062	.044	.237	-.071	30	333	-.163	.047	-.017	-.349
30	112	-.058	.092	.248	-.436	30	226	-.025	.037	.129	-.152	30	334	-.165	.039	-.058	-.321
30	113	.249	.158	.768	-.135	30	227	-.109	.032	-.002	-.256	30	335	-.146	.036	-.032	-.280
30	114	.323	.158	.851	-.022	30	228	-.153	.035	-.039	-.334	30	336	-.149	.038	-.038	-.299
30	115	.315	.139	.770	-.027	30	229	-.089	.112	.225	-.608	30	401	-.164	.047	.003	-.375
30	116	.275	.118	.731	-.021	30	230	-.128	.112	.159	-.587	30	402	-.152	.045	.020	-.386
30	117	.015	.110	.423	-.341	30	231	.042	.054	.233	-.216	30	403	-.159	.050	-.027	-.507
30	118	-.155	.148	.251	-.695	30	232	.027	.043	.185	-.117	30	404	-.169	.064	-.005	-.703
30	119	.184	.132	.772	-.146	30	233	.014	.040	.164	-.162	30	405	-.158	.066	.013	-.433
30	120	.275	.132	.884	-.078	30	234	-.115	.032	.008	-.223	30	406	-.162	.074	.049	-.467
30	121	.238	.120	.649	-.011	30	235	-.166	.037	-.055	-.315	30	407	-.164	.044	-.022	-.376
30	122	.186	.107	.657	-.065	30	236	.092	.073	.328	-.171	30	408	-.157	.043	-.024	-.352
30	123	-.007	.088	.319	-.266	30	237	.082	.073	.314	-.179	30	409	-.143	.041	-.019	-.396
30	124	-.088	.112	.272	-.551	30	238	.105	.071	.384	-.105	30	410	-.145	.052	.015	-.452
30	125	.119	.099	.493	-.354	30	239	.022	.051	.237	-.207	30	411	-.166	.058	-.007	-.393
30	126	.156	.100	.528	-.196	30	240	.008	.059	.287	-.203	30	412	-.169	.065	-.015	-.431
30	127	.159	.089	.497	-.056	30	241	-.064	.042	.132	-.252	30	413	-.161	.038	-.055	-.353
30	128	.169	.085	.541	-.043	30	242	-.103	.041	.021	-.286	30	414	-.150	.035	-.039	-.308
30	129	.023	.071	.280	-.307	30	301	-.165	.051	-.012	-.377	30	415	-.155	.035	-.029	-.298
30	130	-.068	.088	.218	-.538	30	302	-.167	.047	-.012	-.371	30	416	-.161	.041	-.022	-.369

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	417	-.176	.049	-.028	-.338	30	531	-.202	.050	-.064	-.408	30	635	.085	.064	.382	-.343
30	418	-.182	.054	-.027	-.425	30	532	-.220	.069	-.051	-.730	30	636	.052	.098	.411	-.553
30	419	-.166	.036	-.044	-.327	30	533	-.181	.061	-.041	-.549	30	701	-.073	.070	.245	-.278
30	420	-.156	.034	-.051	-.287	30	534	-.406	.168	-.072	-1.152	30	702	-.091	.065	.147	-.325
30	421	-.147	.033	-.038	-.290	30	535	-.411	.130	-.105	-1.119	30	703	-.111	.064	.138	-.362
30	422	-.147	.034	-.007	-.284	30	536	-.192	.043	-.065	-.424	30	704	-.118	.085	.195	-.408
30	423	-.170	.046	.019	-.432	30	537	-.210	.058	-.070	-.597	30	705	.033	.084	.307	-.207
30	424	-.174	.051	.031	-.412	30	538	-.203	.051	-.057	-.428	30	706	-.018	.064	.230	-.266
30	425	-.172	.034	-.072	-.338	30	539	-.200	.058	-.066	-.484	30	707	-.270	.073	-.037	-.517
30	426	-.166	.033	-.061	-.291	30	540	-.106	.046	.112	-.289	30	708	-.520	.141	-.060	-1.026
30	427	-.165	.031	-.051	-.281	30	541	-.156	.030	-.039	-.267	30	709	-.386	.183	.075	-.995
30	428	-.162	.032	-.034	-.263	30	542	-.154	.030	-.028	-.256	30	710	-.683	.201	-.203	-1.504
30	429	-.162	.036	-.021	-.285	30	543	-.150	.031	-.027	-.264	30	711	-.282	.106	.047	-.851
30	430	-.172	.039	-.029	-.313	30	544	.062	.058	.328	-.105	30	712	-.291	.082	-.053	-.656
30	431	-.164	.033	-.039	-.286	30	545	.051	.059	.263	-.136	30	713	-.330	.099	.048	-.896
30	432	-.159	.033	-.046	-.272	30	546	.036	.046	.197	-.111	30	714	-.213	.079	.026	-.662
30	433	-.164	.038	-.021	-.292	30	601	-.174	.047	-.024	-.364	30	715	-.287	.089	-.060	-.676
30	434	-.157	.037	-.039	-.276	30	602	-.119	.045	.049	-.296	30	716	-.254	.138	.466	-.766
30	435	-.167	.035	-.058	-.284	30	603	-.090	.056	.097	-.396	30	717	-.294	.084	-.073	-.768
30	436	-.170	.034	-.060	-.292	30	604	-.092	.062	.139	-.416	30	718	-.189	.052	-.027	-.394
30	501	-.167	.083	.063	-.561	30	605	-.238	.236	.225	-1.033	30	719	-.185	.043	-.021	-.441
30	502	-.165	.086	.059	-.831	30	606	-.299	.221	.463	-1.019	30	720	-.433	.136	-.090	-.859
30	503	-.209	.108	.019	-.885	30	607	-.168	.044	-.036	-.330	30	721	-.254	.057	-.076	-.460
30	504	-.229	.081	.002	-.673	30	608	-.110	.045	.050	-.251	30	722	.087	.080	.330	-.273
30	505	-.264	.075	-.085	-.622	30	609	-.027	.059	.186	-.361	30	801	.118	.061	.357	-.064
30	506	-.245	.065	-.074	-.706	30	610	-.011	.080	.207	-.793	30	802	.110	.059	.351	-.085
30	507	-.243	.064	-.083	-.567	30	611	-.230	.288	.437	-1.145	30	803	.070	.066	.391	-.207
30	508	-.166	.076	.027	-.567	30	612	-.234	.245	.538	-1.040	30	804	.091	.054	.306	-.133
30	509	-.160	.071	.012	-.556	30	613	-.247	.060	-.048	-.473	30	805	.181	.073	.456	-.010
30	510	-.200	.076	-.004	-.561	30	614	-.171	.049	.049	-.397	30	806	.162	.080	.444	-.050
30	511	-.241	.070	-.051	-.557	30	615	-.022	.069	.261	-.529	30	807	.154	.084	.451	-.074
30	512	-.268	.066	-.053	-.599	30	616	.030	.122	.386	-.571	30	808	.113	.076	.393	-.148
30	513	-.242	.056	-.082	-.477	30	617	-.123	.252	.577	-.932	30	809	.135	.080	.488	-.096
30	514	-.232	.057	-.086	-.491	30	618	-.150	.223	.641	-.798	30	810	.127	.084	.545	-.105
30	515	-.184	.055	.007	-.447	30	619	-.329	.078	-.109	-.642	30	811	.135	.092	.596	-.104
30	516	-.194	.054	-.036	-.400	30	620	-.207	.063	-.001	-.454	30	812	.202	.115	.678	-.106
30	517	-.221	.064	-.036	-.557	30	621	-.024	.053	.225	-.413	30	813	.123	.083	.480	-.128
30	518	-.278	.074	-.065	-.554	30	622	.018	.096	.288	-.598	30	814	-.108	.099	.237	-.474
30	519	-.305	.075	-.115	-.633	30	623	-.115	.211	.439	-.984	30	815	.004	.048	.160	-.207
30	520	-.301	.071	-.138	-.562	30	624	-.116	.202	.516	-.958	30	816	.011	.046	.176	-.178
30	521	-.299	.071	-.130	-.566	30	625	-.164	.071	.030	-.455	30	817	.009	.072	.320	-.194
30	522	-.168	.051	.001	-.394	30	626	-.064	.052	.115	-.243	30	818	-.103	.050	.078	-.306
30	523	-.165	.054	.020	-.433	30	627	.055	.059	.349	-.295	30	819	-.110	.034	.004	-.246
30	524	-.182	.064	.017	-.453	30	628	.087	.073	.383	-.238	30	820	.007	.056	.241	-.170
30	525	-.206	.077	.002	-.569	30	629	.031	.145	.463	-.701	30	821	.018	.053	.301	-.155
30	526	-.373	.137	.018	-.801	30	630	-.001	.157	.478	-.847	30	822	-.156	.037	-.027	-.304
30	527	-.460	.124	-.200	-1.100	30	631	.084	.059	.409	-.064	30	823	-.135	.029	-.044	-.247
30	528	-.467	.116	-.225	-.919	30	632	.091	.059	.391	-.072	30	824	-.148	.030	-.046	-.258
30	529	-.194	.045	-.070	-.390	30	633	.103	.058	.401	-.100	30	825	-.152	.035	-.042	-.265
30	530	-.192	.043	-.082	-.360	30	634	.099	.058	.384	-.240	30	826	-.154	.032	-.045	-.272

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
30	827	-.131	.033	-.005	-.249	45	121	.181	.089	.564	-.044	45	235	-.160	.037	-.050	-.310
30	828	-.138	.032	-.018	-.245	45	122	.080	.072	.408	-.106	45	236	-.161	.094	.114	-.588
30	829	-.167	.040	-.034	-.334	45	123	-.193	.070	.047	-.436	45	237	-.111	.098	.186	-.518
30	830	-.174	.039	-.039	-.318	45	124	-.309	.097	-.031	-.700	45	238	-.043	.065	.224	-.286
30	831	-.161	.037	-.035	-.312	45	125	.120	.146	.646	-.311	45	239	-.078	.049	.131	-.268
30	832	-.161	.034	-.061	-.325	45	126	.145	.121	.597	-.303	45	240	-.097	.045	.077	-.274
30	833	-.174	.039	-.076	-.371	45	127	.104	.062	.389	-.047	45	241	-.097	.035	.023	-.229
30	834	-.162	.037	-.047	-.337	45	128	.066	.052	.301	-.187	45	242	-.114	.035	.007	-.268
30	835	-.102	.063	.157	-.353	45	129	-.160	.066	.072	-.432	45	301	-.107	.042	.028	-.323
30	836	-.136	.067	.044	-.507	45	130	-.290	.105	-.038	-.766	45	302	-.110	.040	.030	-.325
30	837	-.141	.036	-.017	-.265	45	131	.051	.087	.394	-.302	45	303	-.096	.042	.047	-.318
30	838	-.129	.037	.008	-.272	45	132	.120	.062	.372	-.163	45	304	-.101	.043	.025	-.406
30	839	.145	.102	.628	-.073	45	133	.091	.055	.307	-.076	45	305	-.100	.042	.038	-.373
30	840	.125	.063	.423	-.038	45	134	.070	.058	.290	-.093	45	306	-.108	.043	.018	-.350
30	841	.009	.055	.273	-.118	45	135	-.011	.060	.250	-.176	45	307	-.107	.038	.015	-.284
30	842	.114	.060	.396	-.062	45	136	-.036	.070	.241	-.275	45	308	-.107	.035	-.005	-.295
30	843	-.173	.044	-.030	-.424	45	201	-.478	.132	-.136	-1.087	45	309	-.101	.037	.023	-.291
30	844	-.177	.046	-.023	-.447	45	202	-.259	.076	-.004	-.627	45	310	-.103	.036	.018	-.338
30	845	-.185	.045	-.064	-.452	45	203	-.198	.102	.055	-.718	45	311	-.100	.038	.005	-.257
30	846	-.186	.045	-.040	-.415	45	204	-.124	.060	.040	-.445	45	312	-.109	.040	.030	-.354
30	847	-.167	.042	-.031	-.371	45	205	-.119	.038	-.007	-.255	45	313	-.094	.029	.003	-.203
30	848	-.184	.050	-.019	-.443	45	206	-.096	.037	.058	-.258	45	314	-.100	.030	.000	-.209
30	849	-.179	.042	-.037	-.376	45	207	-.113	.036	.013	-.269	45	315	-.094	.030	.013	-.192
30	850	-.185	.046	-.052	-.443	45	208	-.606	.178	-.184	-1.281	45	316	-.104	.029	-.015	-.203
30	851	-.144	.033	-.013	-.247	45	209	-.522	.184	-.077	-1.127	45	317	-.103	.030	-.004	-.235
30	852	-.144	.033	-.043	-.255	45	210	-.147	.066	.043	-.444	45	318	-.110	.031	-.009	-.246
30	853	-.008	.054	.237	-.167	45	211	-.115	.048	.063	-.366	45	319	-.098	.029	-.014	-.226
30	854	-.049	.059	.250	-.307	45	212	-.106	.037	.050	-.268	45	320	-.109	.029	-.012	-.233
30	855	.040	.085	.369	-.252	45	213	-.065	.034	.086	-.194	45	321	-.106	.029	-.004	-.220
30	856	.027	.093	.441	-.340	45	214	-.119	.036	-.014	-.254	45	322	-.113	.029	-.032	-.224
45	101	.166	.148	.732	-.501	45	215	-.566	.130	-.213	-1.058	45	323	-.110	.031	-.016	-.235
45	102	.075	.123	.575	-.330	45	216	-.562	.138	-.159	-1.199	45	324	-.120	.032	.018	-.245
45	103	-.022	.083	.376	-.260	45	217	-.146	.103	.081	-.631	45	325	-.134	.037	.013	-.276
45	104	.024	.071	.344	-.230	45	218	-.096	.045	.075	-.422	45	326	-.141	.037	-.007	-.283
45	105	-.080	.065	.211	-.251	45	219	-.083	.032	.050	-.229	45	327	-.135	.037	.003	-.267
45	106	-.200	.076	.040	-.451	45	220	-.106	.029	-.015	-.213	45	328	-.133	.034	-.017	-.292
45	107	.351	.166	.874	-.327	45	221	-.083	.034	.057	-.280	45	329	-.121	.032	-.032	-.260
45	108	.351	.141	.819	-.091	45	222	-.497	.144	-.105	-1.245	45	330	-.130	.033	-.024	-.283
45	109	.157	.099	.465	-.115	45	223	-.504	.152	-.088	-1.319	45	331	-.138	.044	-.009	-.379
45	110	.106	.088	.426	-.139	45	224	-.204	.119	.002	-.741	45	332	-.143	.043	-.015	-.381
45	111	-.099	.064	.166	-.295	45	225	-.056	.049	.079	-.397	45	333	-.134	.039	-.012	-.288
45	112	-.217	.085	.038	-.511	45	226	-.082	.031	.043	-.199	45	334	-.134	.034	-.019	-.259
45	113	.359	.150	.900	-.239	45	227	-.108	.031	-.003	-.234	45	335	-.113	.035	.018	-.233
45	114	.356	.132	.885	-.204	45	228	-.130	.033	-.017	-.260	45	336	-.126	.039	.015	-.352
45	115	.234	.093	.590	-.030	45	229	-.352	.131	-.084	-.920	45	401	-.126	.042	-.009	-.338
45	116	.146	.076	.422	-.079	45	230	-.410	.146	-.071	-1.017	45	402	-.120	.045	.017	-.357
45	117	-.201	.073	.050	-.454	45	231	-.135	.080	.078	-.479	45	403	-.133	.048	.034	-.396
45	118	-.394	.108	-.071	-.834	45	232	-.071	.035	.067	-.211	45	404	-.125	.049	.060	-.420
45	119	.256	.153	.822	-.354	45	233	-.067	.031	.045	-.184	45	405	-.148	.059	.047	-.403
45	120	.286	.131	.821	-.404	45	234	-.134	.033	-.036	-.259	45	406	-.152	.066	.073	-.468

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	407	-.133	.039	-.010	-.357	45	521	-.382	.070	-.205	-.610	45	625	-.171	.065	.061	-.451
45	408	-.125	.039	.012	-.342	45	522	-.148	.060	.025	-.486	45	626	-.017	.051	.218	-.189
45	409	-.121	.042	.020	-.311	45	523	-.144	.068	.098	-.634	45	627	.164	.072	.457	-.027
45	410	-.119	.045	.086	-.402	45	524	-.172	.075	.075	-.515	45	628	.200	.080	.506	.001
45	411	-.154	.053	.024	-.391	45	525	-.229	.090	.007	-.588	45	629	.233	.107	.673	-.257
45	412	-.154	.058	.007	-.424	45	526	-.478	.122	-.094	-.926	45	630	.223	.120	.677	-.382
45	413	-.122	.030	-.026	-.229	45	527	-.533	.112	-.272	-1.050	45	631	.149	.063	.354	-.008
45	414	-.116	.029	-.020	-.220	45	528	-.548	.108	-.272	-.960	45	632	.165	.062	.421	-.006
45	415	-.130	.034	-.010	-.343	45	529	-.176	.045	-.022	-.374	45	633	.176	.061	.481	.026
45	416	-.147	.045	.038	-.458	45	530	-.171	.047	-.016	-.324	45	634	.172	.059	.432	.013
45	417	-.170	.053	-.028	-.445	45	531	-.197	.056	-.029	-.394	45	635	.174	.065	.440	-.015
45	418	-.179	.058	-.029	-.443	45	532	-.252	.071	-.027	-.605	45	636	.167	.077	.624	-.023
45	419	-.135	.028	-.034	-.275	45	533	-.196	.068	-.008	-.516	45	701	.024	.072	.321	-.176
45	420	-.127	.028	-.032	-.244	45	534	-.553	.158	-.106	-1.185	45	702	-.018	.063	.290	-.260
45	421	-.132	.030	-.028	-.278	45	535	-.534	.130	-.193	-1.121	45	703	-.053	.061	.184	-.268
45	422	-.132	.036	.029	-.284	45	536	-.205	.053	-.019	-.416	45	704	-.002	.088	.271	-.439
45	423	-.154	.050	.017	-.345	45	537	-.231	.073	.007	-.612	45	705	.061	.074	.366	-.175
45	424	-.152	.053	.031	-.357	45	538	-.215	.050	-.069	-.447	45	706	-.020	.052	.213	-.254
45	425	-.126	.034	-.009	-.299	45	539	-.216	.051	-.078	-.419	45	707	-.323	.063	-.122	-.600
45	426	-.116	.035	-.002	-.282	45	540	-.084	.054	.165	-.272	45	708	-.148	.135	.114	-.792
45	427	-.129	.031	-.019	-.262	45	541	-.129	.038	.037	-.258	45	709	-.116	.087	.059	-.790
45	428	-.145	.034	-.024	-.285	45	542	-.146	.037	-.031	-.273	45	710	-1.060	.264	-.271	-2.023
45	429	-.160	.039	-.021	-.316	45	543	-.139	.038	-.002	-.277	45	711	-.158	.061	.023	-.592
45	430	-.163	.043	-.029	-.333	45	544	.144	.087	.548	-.049	45	712	-.228	.053	-.069	-.483
45	431	-.126	.040	.036	-.299	45	545	.132	.066	.374	-.037	45	713	-.336	.088	.030	-.620
45	432	-.115	.041	.043	-.282	45	546	.114	.066	.385	-.046	45	714	-.108	.076	.158	-.486
45	433	-.095	.036	.052	-.239	45	601	-.169	.056	.029	-.387	45	715	-.219	.069	-.017	-.572
45	434	-.111	.033	.027	-.233	45	602	-.083	.057	.129	-.261	45	716	-.040	.118	.387	-.632
45	435	-.124	.038	.017	-.248	45	603	-.030	.070	.228	-.227	45	717	-.195	.058	-.017	-.444
45	436	-.135	.036	.005	-.273	45	604	-.003	.078	.267	-.223	45	718	-.151	.049	.005	-.347
45	501	-.156	.072	.035	-.508	45	605	.064	.115	.471	-.709	45	719	-.186	.039	-.041	-.330
45	502	-.160	.078	.056	-.598	45	606	.215	.174	.759	-.670	45	720	-.472	.129	-.107	-.882
45	503	-.240	.107	.032	-.779	45	607	-.170	.055	-.001	-.473	45	721	-.281	.067	-.065	-.557
45	504	-.294	.093	-.044	-.859	45	608	-.064	.055	.192	-.254	45	722	.094	.084	.373	-.250
45	505	-.341	.089	-.124	-.737	45	609	.077	.078	.388	-.144	45	801	.195	.075	.588	.024
45	506	-.348	.096	-.131	-.694	45	610	.128	.089	.475	-.095	45	802	.196	.074	.576	.020
45	507	-.353	.100	-.141	-.788	45	611	.257	.144	.817	-.311	45	803	.166	.078	.571	-.092
45	508	-.150	.063	.059	-.451	45	612	.278	.177	.747	-.416	45	804	.036	.089	.345	-.264
45	509	-.156	.065	.028	-.484	45	613	-.245	.054	-.065	-.456	45	805	.095	.064	.366	-.111
45	510	-.230	.085	.054	-.616	45	614	-.119	.050	.071	-.273	45	806	.037	.064	.297	-.128
45	511	-.306	.086	-.044	-.730	45	615	.117	.076	.409	-.096	45	807	.007	.076	.300	-.213
45	512	-.350	.077	-.090	-.700	45	616	.229	.097	.660	-.013	45	808	-.052	.053	.127	-.424
45	513	-.330	.077	-.116	-.767	45	617	.333	.155	.872	-.397	45	809	-.015	.053	.216	-.171
45	514	-.312	.084	-.118	-.672	45	618	.333	.185	.889	-.394	45	810	-.014	.053	.258	-.157
45	515	-.166	.057	.016	-.517	45	619	-.321	.074	-.079	-.585	45	811	-.032	.066	.399	-.216
45	516	-.171	.052	-.012	-.386	45	620	-.178	.057	.052	-.382	45	812	.082	.113	.681	-.177
45	517	-.218	.074	.029	-.620	45	621	.100	.067	.373	-.075	45	813	.094	.080	.421	-.145
45	518	-.345	.084	-.031	-.684	45	622	.208	.089	.566	.011	45	814	-.187	.112	.140	-.675
45	519	-.389	.076	-.127	-.671	45	623	.292	.133	.812	-.599	45	815	-.047	.039	.108	-.196
45	520	-.383	.069	-.199	-.612	45	624	.285	.159	.812	-.421	45	816	-.048	.042	.113	-.257

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
45	817	-.038	.048	.225	-.184	60	111	-.213	.053	-.022	-.445	60	225	-.135	.070	.076	-.576
45	818	-.085	.038	.079	-.241	60	112	-.335	.080	-.119	-.693	60	226	-.096	.042	.076	-.314
45	819	-.088	.032	.032	-.220	60	113	.008	.215	.618	-.945	60	227	-.092	.038	.054	-.227
45	820	-.109	.043	.079	-.267	60	114	.039	.218	.554	-1.023	60	228	-.108	.040	.017	-.280
45	821	-.081	.042	.116	-.208	60	115	.064	.080	.582	-.421	60	229	-.416	.133	-.117	-.967
45	822	-.124	.031	-.019	-.237	60	116	-.002	.054	.228	-.210	60	230	-.441	.161	-.132	-1.175
45	823	-.102	.028	-.018	-.194	60	117	-.248	.055	-.086	-.512	60	231	-.150	.066	.042	-.499
45	824	-.126	.028	-.037	-.233	60	118	-.372	.085	-.168	-.828	60	232	-.094	.043	.109	-.241
45	825	-.112	.032	.008	-.217	60	119	-.028	.190	.710	-.978	60	233	-.069	.046	.147	-.267
45	826	-.109	.030	-.004	-.264	60	120	.014	.185	.685	-1.081	60	234	-.078	.044	.100	-.241
45	827	-.117	.033	.000	-.226	60	121	.054	.087	.364	-.553	60	235	-.088	.051	.064	-.326
45	828	-.137	.035	-.020	-.262	60	122	-.031	.057	.171	-.257	60	236	-.205	.094	-.012	-.919
45	829	-.173	.047	-.043	-.459	60	123	-.263	.061	-.095	-.491	60	237	-.184	.079	.001	-.694
45	830	-.171	.042	-.009	-.397	60	124	-.361	.092	-.093	-.729	60	238	-.112	.050	.058	-.313
45	831	-.151	.036	-.035	-.317	60	125	-.039	.141	.405	-.512	60	239	-.094	.048	.102	-.286
45	832	-.157	.039	-.018	-.288	60	126	-.015	.138	.371	-.623	60	240	-.082	.042	.052	-.340
45	833	-.169	.039	-.053	-.317	60	127	.000	.068	.268	-.350	60	241	-.070	.039	.074	-.202
45	834	-.150	.037	-.041	-.313	60	128	-.030	.043	.135	-.193	60	242	-.065	.038	.057	-.229
45	835	-.082	.048	.140	-.272	60	129	-.222	.063	-.052	-.505	60	301	-.072	.033	.033	-.193
45	836	-.122	.054	.067	-.378	60	130	-.347	.105	-.091	-.811	60	302	-.074	.032	.025	-.204
45	837	-.107	.044	.046	-.276	60	131	-.056	.123	.343	-.954	60	303	-.066	.033	.037	-.204
45	838	-.102	.044	.055	-.259	60	132	-.003	.091	.288	-.555	60	304	-.085	.032	.023	-.216
45	839	.222	.097	.660	-.020	60	133	-.008	.069	.219	-.309	60	305	-.074	.032	.033	-.218
45	840	.211	.087	.676	.014	60	134	-.032	.058	.180	-.284	60	306	-.080	.034	.035	-.207
45	841	.091	.074	.453	-.138	60	135	-.099	.039	.039	-.282	60	307	-.074	.031	.032	-.200
45	842	.212	.079	.534	-.034	60	136	-.128	.047	-.005	-.381	60	308	-.086	.033	.038	-.233
45	843	-.192	.049	-.034	-.489	60	201	-.538	.145	-.206	-1.026	60	309	-.076	.033	.053	-.233
45	844	-.204	.053	-.049	-.455	60	202	-.349	.098	-.102	-.705	60	310	-.078	.033	.033	-.278
45	845	-.209	.052	-.038	-.397	60	203	-.352	.124	-.091	-.949	60	311	-.076	.034	.037	-.243
45	846	-.199	.051	-.024	-.409	60	204	-.185	.076	-.026	-.529	60	312	-.088	.034	.020	-.246
45	847	-.163	.048	-.007	-.383	60	205	-.128	.050	.010	-.318	60	313	-.085	.037	.043	-.286
45	848	-.181	.057	.013	-.430	60	206	-.081	.039	.031	-.273	60	314	-.088	.037	.040	-.281
45	849	-.171	.044	-.019	-.380	60	207	-.084	.034	.018	-.217	60	315	-.099	.035	.015	-.273
45	850	-.194	.048	-.044	-.392	60	208	-.589	.153	-.209	-1.146	60	316	-.087	.031	.003	-.198
45	851	-.125	.031	-.017	-.245	60	209	-.583	.151	-.198	-1.098	60	317	-.078	.031	.016	-.203
45	852	-.113	.029	-.008	-.206	60	210	-.252	.069	-.074	-.519	60	318	-.083	.032	.013	-.305
45	853	-.070	.043	.112	-.193	60	211	-.183	.068	-.037	-.544	60	319	-.096	.042	.003	-.297
45	854	-.148	.055	.055	-.358	60	212	-.135	.052	-.002	-.360	60	320	-.094	.041	.015	-.278
45	855	-.085	.060	.181	-.288	60	213	-.078	.033	.031	-.212	60	321	-.089	.044	.041	-.326
45	856	-.127	.084	.340	-.431	60	214	-.090	.033	.003	-.256	60	322	-.083	.034	.028	-.261
60	101	-.166	.189	.335	-1.202	60	215	-.426	.098	-.171	-.934	60	323	-.093	.029	-.004	-.226
60	102	-.114	.147	.220	-.934	60	216	-.433	.092	-.231	-.854	60	324	-.088	.033	.015	-.288
60	103	-.090	.057	.131	-.285	60	217	-.312	.105	-.079	-.931	60	325	-.077	.052	.086	-.419
60	104	-.056	.049	.114	-.241	60	218	-.169	.070	.037	-.529	60	326	-.078	.052	.074	-.421
60	105	-.164	.042	-.007	-.314	60	219	-.103	.044	.044	-.346	60	327	-.082	.037	.067	-.285
60	106	-.283	.060	-.109	-.516	60	220	-.095	.034	.012	-.265	60	328	-.077	.031	.060	-.211
60	107	-.055	.222	.581	-.778	60	221	-.082	.035	.021	-.276	60	329	-.078	.029	.036	-.168
60	108	.014	.212	.524	-.774	60	222	-.411	.105	-.157	-.974	60	330	-.082	.030	.035	-.175
60	109	.035	.071	.284	-.186	60	223	-.417	.109	-.136	-1.040	60	331	-.066	.040	.096	-.231
60	110	-.005	.062	.230	-.264	60	224	-.304	.115	-.017	-.788	60	332	-.066	.041	.062	-.243

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	333	-.054	.042	.094	-.253	60	511	-.173	.074	-.008	-.532	60	615	.161	.106	.646	-.107
60	334	-.063	.042	.097	-.227	60	512	-.279	.118	.015	-.773	60	616	.258	.131	.766	-.071
60	335	-.076	.041	.093	-.195	60	513	-.559	.195	-.144	-1.360	60	617	.331	.161	.878	-.138
60	336	-.086	.042	.075	-.243	60	514	-.549	.185	-.104	-1.372	60	618	.312	.165	.888	-.201
60	401	-.104	.043	.013	-.331	60	515	-.189	.061	-.029	-.412	60	619	-.193	.109	.377	-.559
60	402	-.095	.044	.028	-.276	60	516	-.180	.045	.005	-.336	60	620	-.075	.088	.377	-.440
60	403	-.124	.051	.015	-.383	60	517	-.136	.051	.076	-.379	60	621	.108	.074	.626	-.098
60	404	-.163	.061	.012	-.508	60	518	-.175	.099	.033	-.701	60	622	.169	.090	.592	-.089
60	405	-.211	.082	-.037	-.723	60	519	-.314	.162	.098	-.878	60	623	.204	.132	.720	-.221
60	406	-.224	.097	-.023	-.805	60	520	-.428	.130	.047	-1.054	60	624	.198	.159	.834	-.487
60	407	-.101	.037	.047	-.293	60	521	-.418	.126	.017	-1.006	60	625	-.078	.095	.294	-.467
60	408	-.097	.038	.052	-.263	60	522	-.221	.058	-.044	-.551	60	626	.020	.070	.335	-.216
60	409	-.121	.048	.021	-.371	60	523	-.181	.050	-.013	-.439	60	627	.119	.068	.552	-.067
60	410	-.149	.057	.010	-.439	60	524	-.138	.046	.012	-.385	60	628	.138	.067	.390	-.046
60	411	-.227	.087	-.062	-.723	60	525	-.142	.073	.062	-.684	60	629	.144	.103	.524	-.169
60	412	-.230	.093	-.047	-.793	60	526	-.266	.167	.103	-.915	60	630	.124	.123	.567	-.261
60	413	-.104	.034	.006	-.266	60	527	-.436	.167	.005	-1.302	60	631	.099	.056	.518	-.040
60	414	-.095	.034	.038	-.261	60	528	-.452	.152	-.040	-1.255	60	632	.114	.061	.455	-.076
60	415	-.129	.043	.015	-.326	60	529	-.164	.040	-.040	-.367	60	633	.110	.058	.394	-.037
60	416	-.167	.058	.015	-.436	60	530	-.139	.038	-.024	-.309	60	634	.098	.058	.380	-.076
60	417	-.206	.059	-.057	-.444	60	531	-.117	.047	.050	-.331	60	635	.087	.070	.426	-.146
60	418	-.199	.061	-.043	-.504	60	532	-.170	.062	.032	-.452	60	636	.087	.088	.548	-.177
60	419	-.105	.034	-.007	-.259	60	533	-.132	.060	.099	-.389	60	701	.121	.080	.394	-.118
60	420	-.120	.040	.005	-.305	60	534	-.297	.176	.121	-.973	60	702	.073	.063	.291	-.131
60	421	-.107	.036	.013	-.241	60	535	-.326	.162	.176	-.961	60	703	.030	.056	.278	-.158
60	422	-.140	.053	.015	-.411	60	536	-.112	.032	.002	-.221	60	704	-.043	.065	.209	-.285
60	423	-.229	.065	-.062	-.515	60	537	-.085	.041	.101	-.231	60	705	-.031	.067	.222	-.237
60	424	-.227	.065	-.072	-.516	60	538	-.121	.052	.076	-.304	60	706	-.082	.062	.109	-.317
60	425	-.105	.035	.031	-.279	60	539	-.181	.056	.028	-.439	60	707	-.293	.081	-.061	-.791
60	426	-.097	.033	.028	-.284	60	540	-.068	.061	.204	-.251	60	708	-.098	.078	.087	-.577
60	427	-.119	.031	-.015	-.244	60	541	-.108	.055	.007	-.240	60	709	-.271	.145	.135	-.801
60	428	-.136	.033	-.020	-.243	60	542	-.133	.031	-.022	-.244	60	710	-.739	.268	-.060	-1.839
60	429	-.173	.049	-.014	-.476	60	543	-.125	.030	-.018	-.238	60	711	-.132	.050	.048	-.341
60	430	-.181	.057	-.023	-.542	60	544	.118	.073	.472	-.088	60	712	-.208	.048	-.044	-.402
60	431	-.078	.036	.030	-.216	60	545	.088	.058	.328	-.074	60	713	-.146	.117	.118	-.646
60	432	-.086	.037	.037	-.236	60	546	.066	.050	.347	-.169	60	714	-.034	.048	.176	-.199
60	433	-.092	.037	.011	-.254	60	601	-.148	.088	.264	-.464	60	715	-.162	.038	-.039	-.313
60	434	-.099	.037	.020	-.243	60	602	-.015	.093	.372	-.363	60	716	.037	.065	.262	-.225
60	435	-.137	.034	-.027	-.266	60	603	.058	.111	.436	-.406	60	717	-.155	.043	-.037	-.318
60	436	-.147	.034	-.040	-.298	60	604	.089	.121	.633	-.264	60	718	-.102	.038	.020	-.336
60	501	-.164	.060	-.009	-.487	60	605	.178	.143	.669	-.309	60	719	-.139	.042	.017	-.295
60	502	-.134	.049	.022	-.375	60	606	.294	.163	.928	-.325	60	720	-.293	.133	.009	-.851
60	503	-.121	.044	.031	-.403	60	607	-.168	.099	.273	-.620	60	721	-.254	.076	-.049	-.546
60	504	-.186	.076	.029	-.633	60	608	-.007	.099	.390	-.282	60	722	-.003	.137	.425	-.467
60	505	-.283	.149	.009	-.976	60	609	.166	.130	.654	-.235	60	801	.141	.067	.469	-.061
60	506	-.404	.132	-.062	-.923	60	610	.219	.136	.704	-.198	60	802	.136	.064	.410	-.032
60	507	-.550	.194	-.163	-1.424	60	611	.334	.163	.799	-.174	60	803	.076	.076	.480	-.149
60	508	-.172	.063	.004	-.485	60	612	.353	.176	.864	-.475	60	804	-.060	.077	.267	-.334
60	509	-.147	.047	-.021	-.335	60	613	-.200	.090	.157	-.520	60	805	-.023	.071	.206	-.284
60	510	-.130	.049	.003	-.376	60	614	-.055	.086	.377	-.318	60	806	-.069	.050	.103	-.217

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
60	807	-.102	.048	.085	-.259	75	101	-.595	.223	.192	-1.667	75	215	-.384	.114	-.122	-.661
60	808	-.099	.041	.062	-.271	75	102	-.540	.193	.072	-1.265	75	216	-.414	.128	-.102	-.930
60	809	-.078	.041	.064	-.208	75	103	-.173	.112	.024	-.972	75	217	-.289	.101	-.029	-.676
60	810	-.076	.042	.071	-.219	75	104	-.097	.057	.050	-.595	75	218	-.164	.065	.027	-.467
60	811	-.084	.049	.146	-.235	75	105	-.199	.053	-.050	-.540	75	219	-.118	.048	.060	-.330
60	812	-.037	.071	.347	-.232	75	106	-.304	.078	-.087	-.685	75	220	-.115	.040	.010	-.355
60	813	.025	.090	.405	-.240	75	107	-.638	.219	-.024	-1.904	75	221	-.119	.042	-.000	-.442
60	814	-.103	.074	.093	-.505	75	108	-.614	.237	.090	-2.057	75	222	-.335	.121	-.060	-.887
60	815	-.080	.037	.053	-.274	75	109	-.133	.126	.120	-.165	75	223	-.336	.125	-.050	-.898
60	816	-.086	.051	.058	-.382	75	110	-.091	.055	.077	-.434	75	224	-.233	.089	.012	-.628
60	817	-.057	.035	.071	-.174	75	111	-.230	.059	-.022	-.531	75	225	-.135	.062	.131	-.413
60	818	-.052	.035	.058	-.253	75	112	-.306	.086	-.043	-.637	75	226	-.100	.045	.047	-.297
60	819	-.080	.058	.083	-.625	75	113	-.492	.141	.081	-1.202	75	227	-.099	.040	.045	-.268
60	820	-.084	.036	.053	-.236	75	114	-.510	.157	.243	-1.344	75	228	-.107	.040	.012	-.282
60	821	-.085	.039	.086	-.233	75	115	-.287	.212	.100	-.947	75	229	-.278	.098	-.017	-.776
60	822	-.081	.029	.013	-.182	75	116	-.141	.095	.064	-.671	75	230	-.259	.101	-.040	-.785
60	823	-.071	.032	.023	-.206	75	117	-.271	.071	-.023	-.528	75	231	-.170	.062	.017	-.538
60	824	-.105	.029	-.010	-.207	75	118	-.367	.102	-.099	-.737	75	232	-.124	.048	.029	-.373
60	825	-.064	.037	.084	-.208	75	119	-.433	.143	.110	-1.091	75	233	-.088	.045	.069	-.277
60	826	-.090	.032	.003	-.194	75	120	-.421	.150	.253	-1.134	75	234	-.084	.038	.049	-.273
60	827	-.094	.031	.003	-.197	75	121	-.302	.170	.200	-.911	75	235	-.094	.040	.040	-.332
60	828	-.114	.032	-.001	-.239	75	122	-.177	.100	.079	-.714	75	236	-.177	.062	-.007	-.499
60	829	-.111	.033	-.010	-.245	75	123	-.244	.078	-.024	-.633	75	237	-.164	.054	-.016	-.608
60	830	-.142	.041	-.002	-.293	75	124	-.286	.105	-.036	-.807	75	238	-.125	.050	.041	-.356
60	831	-.138	.038	-.020	-.295	75	125	-.404	.156	.023	-1.124	75	239	-.098	.041	.043	-.258
60	832	-.074	.029	.028	-.176	75	126	-.421	.164	.037	-1.176	75	240	-.091	.036	.025	-.225
60	833	-.118	.034	-.005	-.240	75	127	-.263	.155	.044	-.981	75	241	-.080	.037	.028	-.275
60	834	-.135	.036	.001	-.277	75	128	-.134	.064	.078	-.470	75	242	-.077	.038	.038	-.263
60	835	-.029	.057	.183	-.213	75	129	-.197	.061	-.023	-.467	75	301	-.096	.038	.021	-.250
60	836	-.046	.060	.155	-.288	75	130	-.255	.085	-.045	-.690	75	302	-.097	.036	.008	-.240
60	837	-.073	.038	.057	-.186	75	131	-.535	.275	.078	-1.877	75	303	-.095	.035	.015	-.217
60	838	-.055	.038	.083	-.194	75	132	-.232	.134	.069	-.816	75	304	-.091	.032	.015	-.239
60	839	.137	.089	.486	-.080	75	133	-.154	.073	.035	-.513	75	305	-.093	.038	.051	-.273
60	840	.143	.070	.434	-.018	75	134	-.158	.061	.012	-.536	75	306	-.103	.042	.048	-.295
60	841	.059	.072	.398	-.162	75	135	-.162	.049	-.046	-.467	75	307	-.107	.036	-.002	-.269
60	842	.132	.064	.405	-.017	75	136	-.181	.051	-.048	-.475	75	308	-.096	.036	.033	-.247
60	843	-.184	.059	.024	-.454	75	201	-.513	.172	-.144	-1.273	75	309	-.091	.034	.021	-.240
60	844	-.221	.072	.213	-.562	75	202	-.425	.133	-.093	-1.077	75	310	-.088	.032	.023	-.216
60	845	-.196	.062	.003	-.407	75	203	-.386	.156	-.032	-1.154	75	311	-.104	.038	.020	-.296
60	846	-.153	.054	.048	-.374	75	204	-.241	.098	.035	-.697	75	312	-.106	.041	.020	-.277
60	847	-.063	.061	.210	-.266	75	205	-.155	.058	.025	-.411	75	313	-.116	.051	.026	-.434
60	848	-.063	.052	.174	-.225	75	206	-.119	.047	.046	-.303	75	314	-.117	.051	.015	-.429
60	849	-.106	.055	.135	-.321	75	207	-.111	.040	.020	-.315	75	315	-.117	.043	-.007	-.332
60	850	-.119	.072	.186	-.389	75	208	-.508	.162	-.129	-1.158	75	316	-.100	.036	.015	-.319
60	851	-.111	.030	-.018	-.245	75	209	-.480	.151	-.122	-1.100	75	317	-.097	.037	.031	-.242
60	852	-.076	.029	.024	-.178	75	210	-.298	.099	-.062	-.780	75	318	-.106	.039	.038	-.240
60	853	-.072	.042	.096	-.270	75	211	-.249	.097	-.015	-.677	75	319	-.111	.044	.035	-.357
60	854	-.107	.048	.078	-.322	75	212	-.171	.061	-.002	-.416	75	320	-.102	.042	.025	-.322
60	855	-.087	.047	.090	-.288	75	213	-.126	.042	-.005	-.349	75	321	-.088	.036	.018	-.232
60	856	-.097	.060	.101	-.387	75	214	-.106	.039	.013	-.276	75	322	-.089	.033	.018	-.228

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	323	-.096	.040	.037	-.261	75	501	-.227	.051	-.079	-.454	75	605	.240	.137	.658	-.213
75	324	-.092	.040	.048	-.319	75	502	-.165	.040	-.014	-.313	75	606	.201	.148	.710	-.318
75	325	-.081	.038	.036	-.242	75	503	-.113	.040	.039	-.243	75	607	.027	.097	.502	-.288
75	326	-.080	.036	.048	-.243	75	504	-.118	.047	.039	-.286	75	608	.188	.101	.547	-.149
75	327	-.075	.033	.074	-.193	75	505	-.128	.059	.057	-.521	75	609	.339	.129	.750	-.060
75	328	-.097	.036	.013	-.234	75	506	-.369	.144	.030	-.998	75	610	.371	.141	.832	-.046
75	329	-.089	.036	.026	-.240	75	507	-.488	.162	-.041	-1.311	75	611	.361	.153	.829	-.132
75	330	-.093	.038	.030	-.245	75	508	-.248	.063	-.068	-.556	75	612	.209	.149	.828	-.290
75	331	-.065	.035	.103	-.210	75	509	-.177	.046	-.014	-.335	75	613	.003	.105	.531	-.387
75	332	-.076	.036	.055	-.232	75	510	-.078	.039	.054	-.204	75	614	.181	.104	.585	-.174
75	333	-.083	.038	.069	-.295	75	511	-.061	.041	.105	-.211	75	615	.411	.132	.836	-.103
75	334	-.097	.037	.015	-.295	75	512	-.087	.070	.085	-.524	75	616	.426	.147	.929	.014
75	335	-.085	.038	.035	-.257	75	513	-.447	.176	.103	-1.131	75	617	.291	.140	.830	-.096
75	336	-.098	.037	.008	-.244	75	514	-.458	.150	.063	-1.121	75	618	.104	.126	.625	-.296
75	401	-.145	.055	.027	-.409	75	515	-.279	.055	-.132	-.547	75	619	.034	.102	.487	-.380
75	402	-.138	.055	.049	-.513	75	516	-.217	.041	-.099	-.362	75	620	.146	.095	.522	-.144
75	403	-.222	.068	-.039	-.483	75	517	-.080	.037	.055	-.228	75	621	.312	.116	.809	.053
75	404	-.284	.072	-.099	-.612	75	518	-.021	.045	.138	-.313	75	622	.326	.121	.872	.061
75	405	-.294	.070	-.115	-.605	75	519	-.040	.116	.197	-.678	75	623	.195	.107	.566	-.125
75	406	-.309	.081	-.131	-.659	75	520	-.400	.172	.145	-1.102	75	624	-.025	.098	.376	-.340
75	407	-.151	.057	-.007	-.457	75	521	-.399	.152	.079	-1.099	75	625	.069	.081	.482	-.228
75	408	-.146	.056	.014	-.430	75	522	-.371	.073	-.175	-.646	75	626	.148	.082	.577	-.074
75	409	-.195	.064	.015	-.503	75	523	-.269	.055	-.114	-.481	75	627	.234	.096	.601	.007
75	410	-.256	.068	-.019	-.547	75	524	-.108	.038	.041	-.234	75	628	.223	.099	.678	.001
75	411	-.316	.090	-.135	-.766	75	525	-.044	.043	.139	-.173	75	629	.092	.086	.554	-.157
75	412	-.315	.088	-.132	-.735	75	526	-.040	.069	.203	-.614	75	630	-.051	.087	.275	-.368
75	413	-.127	.047	.015	-.327	75	527	-.328	.166	.194	-1.113	75	631	.185	.071	.433	.031
75	414	-.124	.049	.058	-.338	75	528	-.362	.149	.072	-1.094	75	632	.209	.075	.615	.014
75	415	-.217	.065	.056	-.464	75	529	-.278	.067	-.111	-.588	75	633	.173	.073	.561	.009
75	416	-.305	.069	-.055	-.571	75	530	-.188	.045	-.055	-.385	75	634	.110	.068	.540	-.074
75	417	-.287	.059	-.113	-.561	75	531	-.051	.052	.102	-.328	75	635	.026	.067	.440	-.169
75	418	-.274	.060	-.087	-.561	75	532	-.060	.074	.150	-.341	75	636	-.060	.077	.225	-.345
75	419	-.109	.040	.010	-.290	75	533	-.008	.061	.175	-.257	75	701	.100	.064	.344	-.119
75	420	-.105	.042	.033	-.283	75	534	-.155	.126	.220	-.757	75	702	.041	.043	.197	-.114
75	421	-.143	.052	.039	-.438	75	535	-.220	.131	.245	-.911	75	703	-.003	.035	.111	-.141
75	422	-.298	.085	-.046	-.625	75	536	-.120	.033	-.019	-.244	75	704	-.220	.120	.039	-.650
75	423	-.418	.084	-.210	-.734	75	537	-.010	.045	.192	-.149	75	705	-.194	.063	.042	-.406
75	424	-.412	.084	-.199	-.742	75	538	-.006	.061	.213	-.228	75	706	-.245	.064	-.024	-.446
75	425	-.111	.036	.010	-.277	75	539	-.102	.084	.267	-.386	75	707	-.387	.100	-.144	-.974
75	426	-.106	.035	.010	-.241	75	540	.062	.070	.338	-.123	75	708	-.407	.133	-.019	-.869
75	427	-.136	.038	-.017	-.317	75	541	-.155	.049	.076	-.323	75	709	-.461	.108	-.174	-.902
75	428	-.152	.042	-.027	-.363	75	542	-.173	.043	.015	-.356	75	710	-.432	.119	-.088	-.928
75	429	-.304	.078	-.117	-.602	75	543	-.170	.042	-.039	-.352	75	711	-.060	.071	.188	-.328
75	430	-.372	.100	-.153	-.790	75	544	.268	.099	.666	.066	75	712	-.167	.062	.065	-.416
75	431	-.101	.039	.085	-.312	75	545	.172	.074	.473	-.016	75	713	-.044	.059	.162	-.418
75	432	-.088	.043	.136	-.274	75	546	.149	.067	.487	-.031	75	714	.008	.061	.222	-.186
75	433	-.069	.044	.119	-.269	75	601	-.014	.088	.367	-.323	75	715	-.145	.039	-.035	-.282
75	434	-.133	.051	.039	-.314	75	602	.108	.091	.418	-.213	75	716	-.001	.073	.266	-.293
75	435	-.175	.044	-.017	-.331	75	603	.174	.107	.507	-.211	75	717	-.125	.040	-.012	-.330
75	436	-.176	.046	.012	-.327	75	604	.224	.118	.582	-.180	75	718	-.085	.034	.040	-.318

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
75	719	-.138	.052	.034	-.447	75	847	.075	.069	.362	-.172	90	205	-.151	.073	.038	-.669
75	720	-.366	.216	-.019	-1.204	75	848	.048	.062	.329	-.148	90	206	-.125	.051	.077	-.354
75	721	-.183	.053	-.044	-.440	75	849	.012	.062	.281	-.204	90	207	-.129	.051	.018	-.393
75	722	-.090	.212	.793	-.622	75	850	.031	.059	.242	-.239	90	208	-.277	.114	.047	-.843
75	801	.209	.082	.528	-.007	75	851	-.157	.040	-.008	-.293	90	209	-.265	.100	.025	-.661
75	802	.176	.071	.406	.013	75	852	-.080	.035	.031	-.189	90	210	-.189	.083	.097	-.654
75	803	-.025	.059	.280	-.246	75	853	-.095	.040	.050	-.283	90	211	-.165	.071	.027	-.670
75	804	-.172	.049	.065	-.355	75	854	-.098	.036	.079	-.211	90	212	-.157	.067	.022	-.628
75	805	-.142	.053	.018	-.369	75	855	-.095	.042	.051	-.269	90	213	-.116	.048	.038	-.351
75	806	-.146	.047	-.022	-.370	75	856	-.093	.053	.107	-.406	90	214	-.127	.053	.020	-.383
75	807	-.144	.043	-.025	-.293	90	101	-.461	.126	-.172	-1.230	90	215	-.255	.095	-.022	-.839
75	808	-.124	.041	.016	-.287	90	102	-.480	.133	-.180	-1.126	90	216	-.249	.080	0.000	-.607
75	809	-.131	.039	-.002	-.271	90	103	-.484	.134	-.090	-.951	90	217	-.176	.065	.033	-.583
75	810	-.137	.041	.008	-.284	90	104	-.326	.148	.059	-1.078	90	218	-.146	.048	.030	-.366
75	811	-.138	.047	.071	-.369	90	105	-.253	.124	.128	-.810	90	219	-.139	.042	-.010	-.318
75	812	-.119	.048	.151	-.294	90	106	-.275	.127	.126	-.973	90	220	-.141	.040	-.012	-.388
75	813	-.095	.054	.114	-.298	90	107	-.478	.122	-.165	-1.053	90	221	-.121	.040	.012	-.384
75	814	-.100	.046	.068	-.361	90	108	-.455	.124	-.161	-1.097	90	222	-.235	.092	.042	-.697
75	815	-.095	.041	.068	-.256	90	109	-.464	.129	-.112	-.980	90	223	-.229	.090	.059	-.670
75	816	-.091	.037	.063	-.230	90	110	-.340	.148	.106	-.902	90	224	-.189	.067	.046	-.497
75	817	-.050	.034	.156	-.192	90	111	-.260	.107	.073	-.794	90	225	-.143	.056	.035	-.637
75	818	-.093	.039	.049	-.222	90	112	-.250	.106	.090	-.782	90	226	-.135	.043	.058	-.330
75	819	-.117	.054	.020	-.413	90	113	-.396	.108	-.150	-.990	90	227	-.133	.041	.034	-.306
75	820	-.101	.034	.053	-.226	90	114	-.410	.111	-.150	-1.030	90	228	-.144	.045	.039	-.374
75	821	-.104	.035	.037	-.224	90	115	-.452	.130	-.061	-1.053	90	229	-.184	.080	.035	-.711
75	822	-.100	.032	.008	-.246	90	116	-.335	.124	.085	-.893	90	230	-.190	.080	.025	-.623
75	823	-.091	.036	.036	-.245	90	117	-.257	.102	.102	-.908	90	231	-.169	.062	.049	-.451
75	824	-.157	.038	-.011	-.304	90	118	-.267	.109	.054	-1.045	90	232	-.161	.049	.024	-.466
75	825	-.067	.042	.148	-.293	90	119	-.461	.125	-.136	-1.002	90	233	-.120	.038	.049	-.270
75	826	-.087	.039	.036	-.339	90	120	-.440	.126	-.100	-1.018	90	234	-.120	.038	.001	-.282
75	827	-.145	.044	-.015	-.311	90	121	-.474	.139	-.047	-1.036	90	235	-.130	.042	-.010	-.325
75	828	-.156	.041	-.030	-.321	90	122	-.369	.141	.017	-.919	90	236	-.182	.067	-.019	-.609
75	829	-.145	.038	-.032	-.291	90	123	-.268	.102	.015	-.696	90	237	-.190	.058	-.042	-.438
75	830	-.200	.063	-.028	-.581	90	124	-.249	.097	.028	-.734	90	238	-.167	.058	-.002	-.428
75	831	-.193	.060	-.033	-.440	90	125	-.543	.184	-.134	-1.479	90	239	-.138	.042	-.010	-.303
75	832	-.082	.032	.021	-.233	90	126	-.566	.193	-.155	-1.651	90	240	-.122	.033	.001	-.237
75	833	-.050	.037	.084	-.192	90	127	-.402	.174	.097	-1.014	90	241	-.122	.040	.013	-.291
75	834	-.126	.041	.016	-.274	90	128	-.174	.094	.059	-.588	90	242	-.109	.034	.028	-.263
75	835	-.003	.048	.194	-.160	90	129	-.177	.069	.049	-.498	90	301	-.123	.047	.056	-.347
75	836	-.013	.053	.222	-.194	90	130	-.206	.080	.037	-.525	90	302	-.120	.041	.038	-.288
75	837	-.036	.041	.114	-.199	90	131	-.780	.325	-.109	-2.259	90	303	-.114	.035	-.014	-.257
75	838	-.009	.040	.159	-.171	90	132	-.326	.161	-.000	-1.044	90	304	-.114	.033	-.010	-.245
75	839	.258	.107	.733	-.016	90	133	-.237	.082	-.009	-.623	90	305	-.112	.037	.031	-.283
75	840	.245	.084	.549	.058	90	134	-.230	.078	.007	-.636	90	306	-.115	.037	.043	-.268
75	841	.237	.093	.597	-.017	90	135	-.220	.066	-.039	-.590	90	307	-.123	.040	-.007	-.360
75	842	.262	.090	.610	.051	90	136	-.193	.063	-.024	-.559	90	308	-.125	.044	.030	-.335
75	843	-.109	.097	.366	-.429	90	201	-.312	.122	.068	-.844	90	309	-.111	.037	.026	-.240
75	844	-.152	.116	.354	-.599	90	202	-.276	.115	.089	-.813	90	310	-.113	.037	-.002	-.256
75	845	-.073	.061	.106	-.367	90	203	-.201	.085	.048	-.604	90	311	-.115	.039	.010	-.269
75	846	-.043	.058	.147	-.254	90	204	-.160	.078	.084	-.625	90	312	-.113	.040	.033	-.278

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	313	-.120	.038	.013	-.299	90	427	-.124	.039	.005	-.273	90	541	-.137	.080	.162	-.326
90	314	-.121	.036	-.005	-.281	90	428	-.129	.043	.012	-.288	90	542	-.162	.057	.128	-.368
90	315	-.112	.034	.001	-.277	90	429	-.362	.099	-.124	-.743	90	543	-.168	.049	-.007	-.361
90	316	-.111	.031	.005	-.228	90	430	-.445	.124	-.154	-.839	90	544	.247	.102	.776	.041
90	317	-.102	.034	.006	-.240	90	431	-.100	.039	.007	-.242	90	545	.178	.073	.480	-.009
90	318	-.106	.034	.003	-.233	90	432	-.082	.046	.039	-.279	90	546	.145	.066	.451	-.013
90	319	-.108	.037	.020	-.274	90	433	-.055	.043	.124	-.218	90	601	.103	.117	.566	-.293
90	320	-.119	.035	.013	-.263	90	434	-.126	.063	.068	-.371	90	602	.153	.115	.572	-.184
90	321	-.108	.031	-.007	-.258	90	435	-.154	.067	.065	-.379	90	603	.127	.113	.536	-.186
90	322	-.115	.035	-.019	-.298	90	436	-.162	.075	.063	-.408	90	604	.169	.115	.611	-.174
90	323	-.099	.035	.015	-.254	90	501	-.340	.068	-.119	-.576	90	605	.129	.116	.571	-.222
90	324	-.108	.037	.005	-.275	90	502	-.224	.051	.032	-.414	90	606	.047	.114	.492	-.285
90	325	-.112	.038	.011	-.281	90	503	-.134	.054	.166	-.295	90	607	.211	.134	.706	-.250
90	326	-.112	.036	.018	-.266	90	504	-.093	.062	.238	-.294	90	608	.297	.133	.785	-.134
90	327	-.106	.038	.003	-.245	90	505	-.057	.069	.215	-.250	90	609	.338	.140	.940	-.045
90	328	-.123	.041	-.012	-.320	90	506	-.114	.145	.243	-.724	90	610	.337	.140	.863	-.067
90	329	-.111	.041	.011	-.334	90	507	-.260	.197	.197	-1.031	90	611	.221	.136	.711	-.171
90	330	-.116	.042	.010	-.343	90	508	-.373	.077	-.178	-.713	90	612	.050	.119	.508	-.363
90	331	-.107	.040	.013	-.308	90	509	-.223	.056	-.006	-.418	90	613	.239	.136	.802	-.121
90	332	-.117	.035	.035	-.248	90	510	-.041	.055	.246	-.216	90	614	.344	.132	.928	.014
90	333	-.113	.035	.011	-.248	90	511	.005	.060	.327	-.173	90	615	.427	.145	.970	.068
90	334	-.121	.037	.005	-.286	90	512	.038	.069	.401	-.155	90	616	.404	.135	.913	.082
90	335	-.105	.035	.018	-.225	90	513	-.073	.200	.434	-.713	90	617	.187	.117	.633	-.163
90	336	-.119	.040	-.010	-.298	90	514	-.146	.200	.511	-.943	90	618	-.024	.101	.380	-.465
90	401	-.129	.043	.015	-.295	90	515	-.404	.088	-.174	-.784	90	619	.209	.135	.738	-.149
90	402	-.125	.049	.039	-.351	90	516	-.258	.055	-.046	-.476	90	620	.304	.124	.802	-.021
90	403	-.173	.058	.014	-.495	90	517	-.024	.056	.315	-.186	90	621	.376	.131	.889	.053
90	404	-.326	.093	-.086	-.750	90	518	.082	.063	.338	-.100	90	622	.348	.130	.876	.011
90	405	-.496	.117	-.180	-1.022	90	519	.128	.077	.434	-.188	90	623	.101	.107	.581	-.171
90	406	-.592	.143	-.261	-1.225	90	520	-.015	.202	.515	-.735	90	624	-.132	.106	.265	-.501
90	407	-.126	.037	.007	-.319	90	521	-.041	.187	.517	-.721	90	625	.187	.090	.515	-.104
90	408	-.121	.040	.029	-.345	90	522	-.410	.104	-.175	-.945	90	626	.232	.095	.605	.019
90	409	-.146	.055	.022	-.488	90	523	-.266	.073	-.039	-.620	90	627	.243	.106	.674	-.008
90	410	-.255	.088	-.032	-.688	90	524	-.025	.053	.205	-.210	90	628	.220	.103	.611	-.051
90	411	-.569	.136	-.271	-1.116	90	525	.067	.067	.320	-.127	90	629	.016	.101	.571	-.296
90	412	-.577	.137	-.274	-1.143	90	526	.110	.079	.424	-.377	90	630	-.185	.115	.244	-.663
90	413	-.118	.034	.022	-.238	90	527	-.014	.195	.534	-.893	90	631	.180	.076	.499	-.006
90	414	-.114	.039	.044	-.268	90	528	-.045	.183	.520	-.877	90	632	.198	.081	.596	-.011
90	415	-.180	.069	.010	-.452	90	529	-.311	.080	-.144	-.689	90	633	.164	.076	.589	.002
90	416	-.339	.110	-.022	-.694	90	530	-.172	.057	.025	-.380	90	634	.089	.066	.422	-.074
90	417	-.466	.113	-.194	-1.070	90	531	.036	.054	.249	-.166	90	635	-.019	.064	.406	-.218
90	418	-.457	.114	-.181	-1.054	90	532	.086	.072	.360	-.162	90	636	-.163	.097	.232	-.684
90	419	-.119	.037	0.000	-.254	90	533	.113	.071	.407	-.100	90	701	-.049	.080	.281	-.465
90	420	-.108	.037	.024	-.252	90	534	.038	.107	.292	-.488	90	702	-.075	.069	.175	-.375
90	421	-.112	.045	.032	-.394	90	535	-.000	.118	.315	-.576	90	703	-.102	.074	.134	-.523
90	422	-.278	.118	-.015	-.693	90	536	-.104	.036	.027	-.234	90	704	-.423	.122	-.055	-.991
90	423	-.510	.117	-.259	-.935	90	537	.050	.059	.266	-.100	90	705	-.361	.110	-.079	-.892
90	424	-.516	.118	-.247	-.960	90	538	.111	.072	.424	-.115	90	706	-.379	.099	-.093	-.932
90	425	-.124	.039	-.019	-.288	90	539	.092	.119	.556	-.212	90	707	-.522	.136	-.092	-1.036
90	426	-.121	.039	-.010	-.288	90	540	.184	.089	.587	-.109	90	708	-.512	.114	-.154	-.985

APPENDIX A -- PRESSURE DATA:

MOUNTAIN HELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
90	709	-.473	.111	-.154	-.927	90	837	.007	.035	.131	-.125	105	131	-.312	.143	-.074	-1.456
90	710	-.407	.087	-.167	-.778	90	838	.030	.036	.172	-.095	105	132	-.271	.112	-.050	-.846
90	711	-.096	.107	.302	-.504	90	839	.251	.096	.636	.011	105	133	-.273	.084	-.065	-.853
90	712	-.158	.101	.203	-.583	90	840	.241	.093	.603	.046	105	134	-.278	.080	-.060	-.841
90	713	-.141	.095	.170	-.573	90	841	.273	.101	.750	-.014	105	135	-.275	.078	-.071	-.799
90	714	-.010	.072	.344	-.238	90	842	.255	.099	.642	-.012	105	136	-.249	.080	-.050	-.820
90	715	-.179	.046	-.050	-.360	90	843	.112	.152	.625	-.244	105	201	-.300	.113	.020	-.775
90	716	-.176	.092	.234	-.628	90	844	.058	.149	.556	-.355	105	202	-.280	.108	.055	-.790
90	717	-.158	.041	-.002	-.313	90	845	.041	.055	.205	-.155	105	203	-.269	.106	.054	-.992
90	718	-.142	.037	-.007	-.362	90	846	.052	.052	.228	-.118	105	204	-.301	.164	.073	-1.095
90	719	-.250	.066	-.077	-.575	90	847	.158	.079	.488	-.067	105	205	-.201	.079	.013	-.726
90	720	-.586	.217	-.157	-1.560	90	848	.124	.080	.542	-.081	105	206	-.186	.067	.013	-.494
90	721	-.344	.118	-.024	-.865	90	849	.109	.076	.533	-.098	105	207	-.197	.071	-.004	-.476
90	722	.076	.315	1.018	-.641	90	850	.107	.067	.384	-.103	105	208	-.281	.101	.080	-.687
90	801	.215	.091	.641	-.039	90	851	-.166	.050	-.018	-.318	105	209	-.284	.099	.062	-.768
90	802	.177	.070	.468	-.002	90	852	-.105	.042	.024	-.252	105	210	-.262	.096	.027	-1.113
90	803	-.055	.054	.238	-.274	90	853	-.129	.041	.008	-.365	105	211	-.276	.117	-.017	-1.187
90	804	-.187	.052	-.018	-.416	90	854	-.135	.036	-.017	-.280	105	212	-.209	.062	-.007	-.615
90	805	-.185	.051	-.042	-.394	90	855	-.134	.042	.002	-.343	105	213	-.181	.060	.007	-.531
90	806	-.204	.059	-.027	-.504	90	856	-.140	.061	.119	-.551	105	214	-.190	.063	-.007	-.497
90	807	-.192	.052	-.018	-.414	105	101	-.298	.059	-.077	-.591	105	215	-.303	.084	-.056	-.615
90	808	-.161	.047	-.018	-.353	105	102	-.312	.061	-.090	-.610	105	216	-.299	.072	.054	-.579
90	809	-.158	.044	-.007	-.333	105	103	-.360	.090	-.091	-1.120	105	217	-.235	.055	.055	-.414
90	810	-.166	.046	-.015	-.358	105	104	-.320	.105	.074	-.846	105	218	-.219	.051	-.060	-.421
90	811	-.166	.051	-.003	-.382	105	105	-.332	.121	.093	-.899	105	219	-.205	.045	-.067	-.401
90	812	-.145	.054	.104	-.362	105	106	-.344	.132	.075	-1.021	105	220	-.196	.047	-.059	-.424
90	813	-.142	.065	.106	-.513	105	107	-.296	.056	-.110	-.544	105	221	-.174	.050	-.027	-.452
90	814	-.138	.060	.090	-.490	105	108	-.268	.056	-.089	-.516	105	222	-.292	.081	-.055	-.783
90	815	-.126	.053	.036	-.385	105	109	-.295	.081	-.057	-.746	105	223	-.282	.070	-.047	-.680
90	816	-.119	.041	.024	-.384	105	110	-.311	.101	-.005	-1.011	105	224	-.255	.053	-.081	-.471
90	817	-.083	.036	.087	-.229	105	111	-.334	.116	.007	-.902	105	225	-.207	.044	-.050	-.382
90	818	-.135	.045	-.002	-.369	105	112	-.312	.127	.016	-1.006	105	226	-.194	.045	-.050	-.424
90	819	-.136	.050	.021	-.470	105	113	-.240	.057	-.084	-.504	105	227	-.192	.050	-.012	-.391
90	820	-.134	.035	-.035	-.274	105	114	-.254	.059	-.082	-.540	105	228	-.207	.055	-.010	-.409
90	821	-.132	.036	-.019	-.261	105	115	-.286	.070	-.101	-.686	105	229	-.267	.086	-.027	-.700
90	822	-.124	.034	-.020	-.252	105	116	-.281	.073	.026	-.686	105	230	-.247	.075	-.011	-.596
90	823	-.129	.056	.018	-.403	105	117	-.330	.093	-.011	-.661	105	231	-.240	.062	-.070	-.495
90	824	-.164	.046	-.023	-.321	105	118	-.341	.096	-.055	-.752	105	232	-.233	.050	-.059	-.424
90	825	-.073	.039	.082	-.194	105	119	-.262	.069	-.059	-.647	105	233	-.194	.045	-.074	-.340
90	826	-.064	.042	.079	-.242	105	120	-.240	.070	-.039	-.624	105	234	-.221	.056	-.004	-.402
90	827	-.164	.045	-.041	-.355	105	121	-.276	.079	-.062	-.652	105	235	-.248	.058	-.035	-.468
90	828	-.161	.048	-.030	-.365	105	122	-.297	.081	.065	-.672	105	236	-.242	.072	-.034	-.648
90	829	-.142	.039	-.019	-.305	105	123	-.332	.095	-.042	-.829	105	237	-.241	.065	-.057	-.589
90	830	-.192	.062	-.037	-.493	105	124	-.307	.097	-.031	-.829	105	238	-.226	.061	-.069	-.517
90	831	-.188	.076	-.010	-.497	105	125	-.275	.096	-.057	-.817	105	239	-.216	.050	-.067	-.387
90	832	-.050	.034	.112	-.196	105	126	-.288	.098	-.055	-.908	105	240	-.214	.044	-.065	-.414
90	833	-.011	.034	.099	-.125	105	127	-.307	.098	-.066	-.853	105	241	-.222	.051	-.070	-.418
90	834	-.102	.049	.046	-.300	105	128	-.264	.084	-.003	-.731	105	242	-.225	.046	-.079	-.406
90	835	.047	.042	.238	-.072	105	129	-.274	.091	-.016	-.785	105	301	-.172	.055	.003	-.407
90	836	.048	.045	.263	-.101	105	130	-.286	.096	-.032	-.874	105	302	-.168	.050	-.007	-.383

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	303	-.152	.049	.005	-.371	105	417	-.575	.153	-.115	-1.464	105	531	.130	.064	.407	-.020
105	304	-.175	.051	-.019	-.473	105	418	-.575	.149	-.172	-1.441	105	532	.200	.082	.563	.002
105	305	-.161	.049	-.009	-.422	105	419	-.187	.044	-.049	-.347	105	533	.203	.082	.551	.012
105	306	-.159	.046	-.022	-.396	105	420	-.169	.040	-.054	-.320	105	534	.167	.070	.438	-.123
105	307	-.167	.051	-.016	-.337	105	421	-.108	.037	.015	-.285	105	535	.157	.081	.473	-.181
105	308	-.174	.050	-.014	-.391	105	422	-.155	.086	.015	-.618	105	536	-.068	.046	.099	-.262
105	309	-.159	.047	-.007	-.370	105	423	-.511	.125	-.172	-1.116	105	537	.131	.068	.412	-.034
105	310	-.165	.048	-.012	-.408	105	424	-.514	.125	-.234	-1.124	105	538	.226	.081	.540	.020
105	311	-.148	.047	.013	-.335	105	425	-.203	.049	-.033	-.427	105	539	.296	.106	.600	-.034
105	312	-.160	.047	-.007	-.340	105	426	-.172	.045	-.032	-.373	105	540	.222	.086	.563	.015
105	313	-.164	.045	-.002	-.330	105	427	-.111	.042	.019	-.291	105	541	-.118	.109	.239	-.393
105	314	-.163	.042	-.007	-.320	105	428	-.097	.046	.070	-.281	105	542	-.167	.097	.153	-.451
105	315	-.156	.041	-.043	-.311	105	429	-.341	.131	-.023	-.942	105	543	-.187	.079	.088	-.463
105	316	-.171	.039	-.044	-.295	105	430	-.372	.158	-.037	-.993	105	544	.202	.092	.556	-.029
105	317	-.151	.040	-.034	-.298	105	431	-.136	.050	.010	-.325	105	545	.140	.065	.412	-.011
105	318	-.153	.041	-.014	-.305	105	432	-.111	.057	.058	-.344	105	546	.128	.066	.387	-.039
105	319	-.197	.066	.001	-.458	105	433	-.050	.053	.126	-.309	105	601	.211	.130	.788	-.146
105	320	-.194	.062	-.037	-.438	105	434	-.117	.082	.088	-.520	105	602	.196	.124	.707	-.096
105	321	-.208	.059	-.054	-.437	105	435	-.130	.094	.075	-.570	105	603	.110	.111	.499	-.280
105	322	-.208	.057	-.078	-.432	105	436	-.141	.104	.097	-.595	105	604	.093	.120	.575	-.253
105	323	-.188	.053	-.052	-.424	105	501	-.317	.093	-.046	-.744	105	605	.034	.107	.471	-.295
105	324	-.186	.048	-.042	-.404	105	502	-.177	.073	.111	-.480	105	606	-.036	.093	.365	-.316
105	325	-.255	.065	-.079	-.504	105	503	-.075	.073	.209	-.299	105	607	.337	.150	.821	-.398
105	326	-.255	.058	-.068	-.484	105	504	-.035	.077	.291	-.290	105	608	.353	.140	.842	-.029
105	327	-.230	.053	-.084	-.431	105	505	.025	.087	.373	-.248	105	609	.307	.136	.742	-.047
105	328	-.225	.053	-.093	-.482	105	506	.089	.108	.524	-.272	105	610	.263	.132	.687	-.071
105	329	-.212	.055	-.072	-.467	105	507	.088	.147	.573	-.475	105	611	.132	.111	.482	-.158
105	330	-.218	.058	-.073	-.486	105	508	-.326	.099	.019	-.704	105	612	-.013	.088	.318	-.323
105	331	-.223	.050	-.086	-.455	105	509	-.153	.078	.139	-.380	105	613	.394	.142	.821	-.016
105	332	-.228	.051	-.101	-.404	105	510	.053	.086	.378	-.188	105	614	.423	.141	.861	.075
105	333	-.222	.052	-.084	-.564	105	511	.102	.089	.480	-.159	105	615	.407	.142	.894	.075
105	334	-.215	.051	-.088	-.452	105	512	.143	.099	.493	-.107	105	616	.331	.127	.757	.036
105	335	-.188	.048	-.067	-.376	105	513	.188	.147	.682	-.400	105	617	.117	.098	.471	-.140
105	336	-.211	.051	-.029	-.384	105	514	.180	.179	.755	-.384	105	618	-.048	.075	.264	-.296
105	401	-.156	.043	-.031	-.306	105	515	-.378	.126	-.021	-.759	105	619	.327	.123	.803	-.011
105	402	-.136	.044	.002	-.324	105	516	-.200	.086	.112	-.442	105	620	.340	.125	.844	.026
105	403	-.162	.045	-.027	-.420	105	517	.092	.087	.417	-.095	105	621	.331	.127	.859	.055
105	404	-.247	.064	-.042	-.671	105	518	.217	.091	.533	-.004	105	622	.276	.123	.804	.023
105	405	-.528	.133	-.178	-1.019	105	519	.276	.106	.608	-.015	105	623	.060	.096	.436	-.182
105	406	-.686	.186	-.186	-1.319	105	520	.294	.152	.711	-.277	105	624	-.120	.082	.191	-.405
105	407	-.161	.041	-.002	-.294	105	521	.265	.167	.709	-.290	105	625	.231	.095	.585	-.173
105	408	-.155	.040	-.000	-.286	105	522	-.321	.098	-.062	-.756	105	626	.244	.096	.625	-.187
105	409	-.118	.037	.006	-.277	105	523	-.161	.075	.108	-.412	105	627	.236	.094	.605	.016
105	410	-.170	.052	-.015	-.448	105	524	.088	.070	.444	-.075	105	628	.179	.089	.575	-.031
105	411	-.621	.178	-.124	-1.490	105	525	.180	.083	.599	-.017	105	629	-.002	.077	.413	-.298
105	412	-.654	.180	-.166	-1.427	105	526	.235	.090	.588	.020	105	630	-.144	.077	.162	-.551
105	413	-.158	.041	-.016	-.328	105	527	.250	.133	.637	-.247	105	631	.139	.069	.426	-.035
105	414	-.139	.038	-.017	-.289	105	528	.224	.145	.660	-.298	105	632	.147	.066	.420	-.046
105	415	-.109	.039	.053	-.298	105	529	-.254	.102	.046	-.646	105	633	.141	.065	.413	-.036
105	416	-.148	.079	.063	-.659	105	530	-.100	.059	.076	-.343	105	634	.067	.057	.316	-.088

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
105	635	-.043	.055	.161	-.246	105	827	-.178	.075	.017	-.485	120	121	-.252	.043	-.087	-.441
105	636	-.107	.071	.141	-.433	105	828	-.144	.058	.021	-.497	120	122	-.282	.046	-.093	-.493
105	701	-.203	.107	.116	-.934	105	829	-.115	.052	.042	-.296	120	123	-.327	.060	-.118	-.696
105	702	-.181	.098	.083	-.634	105	830	-.115	.076	.119	-.449	120	124	-.304	.060	-.082	-.699
105	703	-.231	.117	.122	-.834	105	831	-.129	.094	.130	-.605	120	125	-.249	.048	-.106	-.449
105	704	-.527	.122	-.082	-1.040	105	832	-.020	.045	.216	-.176	120	126	-.262	.050	-.115	-.478
105	705	-.482	.123	-.156	-1.039	105	833	.031	.038	.166	-.108	120	127	-.278	.053	-.118	-.524
105	706	-.468	.101	-.196	-1.122	105	834	-.052	.055	.110	-.248	120	128	-.265	.054	-.116	-.588
105	707	-.485	.099	-.187	-.955	105	835	.099	.047	.303	-.067	120	129	-.305	.071	-.147	-.667
105	708	-.438	.103	-.124	-.858	105	836	.116	.058	.345	-.072	120	130	-.321	.074	-.155	-.711
105	709	-.491	.103	-.155	-.999	105	837	.055	.040	.188	-.089	120	131	-.270	.062	-.098	-.669
105	710	-.463	.120	-.149	-1.124	105	838	.084	.035	.211	-.035	120	132	-.246	.062	-.080	-.626
105	711	-.165	.111	.217	-.644	105	839	.202	.091	.625	-.080	120	133	-.268	.056	-.109	-.556
105	712	-.230	.095	.114	-.574	105	840	.240	.088	.613	.009	120	134	-.284	.054	-.135	-.558
105	713	-.216	.088	.114	-.538	105	841	.229	.141	.741	-.271	120	135	-.292	.058	-.123	-.556
105	714	-.089	.074	.274	-.312	105	842	.253	.098	.683	-.030	120	136	-.271	.063	-.109	-.585
105	715	-.211	.055	-.019	-.475	105	843	.352	.130	.815	-.040	120	201	-.298	.083	-.064	-.693
105	716	-.244	.076	.033	-.641	105	844	.267	.099	.581	-.144	120	202	-.292	.081	-.055	-.902
105	717	-.197	.050	-.039	-.476	105	845	.141	.053	.363	-.019	120	203	-.305	.101	-.114	-.940
105	718	-.223	.063	-.045	-.598	105	846	.128	.047	.295	-.032	120	204	-.299	.120	-.078	-1.221
105	719	-.393	.096	-.116	-.768	105	847	.255	.092	.627	.000	120	205	-.226	.053	-.073	-.499
105	720	-.585	.120	-.247	-1.101	105	848	.222	.097	.746	-.047	120	206	-.224	.060	-.043	-.590
105	721	-.496	.133	.002	-.985	105	849	.229	.092	.581	.005	120	207	-.233	.062	-.042	-.620
105	722	-.312	.206	.438	-.886	105	850	.211	.086	.582	.026	120	208	-.298	.078	-.042	-.610
105	801	.154	.080	.438	-.126	105	851	-.166	.065	.061	-.407	120	209	-.286	.073	-.026	-.627
105	802	.178	.062	.386	-.007	105	852	-.163	.056	.012	-.349	120	210	-.298	.095	-.079	-.840
105	803	-.092	.050	.088	-.286	105	853	-.217	.052	-.061	-.395	120	211	-.278	.090	-.090	-1.168
105	804	-.251	.056	-.097	-.504	105	854	-.213	.048	-.053	-.421	120	212	-.239	.051	0.000	-.563
105	805	-.237	.059	-.069	-.471	105	855	-.232	.054	-.062	-.525	120	213	-.212	.056	-.036	-.566
105	806	-.250	.065	-.083	-.558	105	856	-.245	.076	-.050	-.770	120	214	-.226	.059	-.060	-.546
105	807	-.237	.059	-.069	-.493	120	101	-.315	.058	-.113	-.592	120	215	-.300	.049	-.166	-.484
105	808	-.229	.058	-.058	-.455	120	102	-.333	.061	-.120	-.621	120	216	-.312	.045	-.172	-.480
105	809	-.231	.060	-.057	-.457	120	103	-.352	.075	-.135	-.674	120	217	-.260	.042	-.130	-.407
105	810	-.241	.061	-.040	-.502	120	104	-.318	.089	-.051	-.807	120	218	-.245	.040	-.138	-.376
105	811	-.236	.064	-.042	-.543	120	105	-.341	.102	-.089	-.942	120	219	-.238	.039	-.128	-.355
105	812	-.228	.071	.019	-.494	120	106	-.350	.107	-.090	-.906	120	220	-.231	.041	-.093	-.386
105	813	-.225	.094	.156	-.849	120	107	-.303	.052	-.130	-.514	120	221	-.217	.044	-.075	-.405
105	814	-.210	.081	.083	-.719	120	108	-.280	.052	-.118	-.496	120	222	-.299	.050	-.162	-.495
105	815	-.201	.082	.007	-.883	120	109	-.301	.057	-.121	-.541	120	223	-.296	.045	-.158	-.460
105	816	-.197	.061	-.043	-.563	120	110	-.321	.078	-.030	-.723	120	224	-.274	.038	-.148	-.399
105	817	-.182	.051	-.060	-.360	120	111	-.350	.087	-.108	-.686	120	225	-.235	.036	-.092	-.349
105	818	-.249	.056	-.102	-.464	120	112	-.330	.096	-.053	-.732	120	226	-.215	.041	-.070	-.395
105	819	-.260	.068	-.074	-.502	120	113	-.259	.042	-.126	-.422	120	227	-.226	.053	-.043	-.433
105	820	-.226	.048	-.075	-.395	120	114	-.272	.043	-.143	-.440	120	228	-.247	.061	-.047	-.475
105	821	-.224	.051	-.094	-.415	120	115	-.290	.043	-.160	-.462	120	229	-.294	.061	-.123	-.590
105	822	-.236	.053	-.088	-.423	120	116	-.282	.044	-.152	-.434	120	230	-.281	.056	-.126	-.543
105	823	-.173	.068	.052	-.448	120	117	-.313	.057	-.181	-.565	120	231	-.267	.048	-.130	-.480
105	824	-.202	.069	.007	-.474	120	118	-.325	.059	-.185	-.580	120	232	-.261	.044	-.118	-.467
105	825	-.125	.044	.067	-.338	120	119	-.256	.042	-.130	-.418	120	233	-.248	.048	-.063	-.460
105	826	-.012	.058	.221	-.225	120	120	-.236	.042	-.118	-.427	120	234	-.293	.054	-.121	-.490

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	235	-.323	.059	-.120	-.553	120	407	-.181	.039	-.059	-.310	120	521	.374	.144	.854	-.044
120	236	-.263	.058	-.104	-.530	120	408	-.143	.039	.014	-.284	120	522	-.133	.132	.315	-.517
120	237	-.269	.052	-.111	-.505	120	409	-.061	.049	.153	-.205	120	523	.017	.109	.451	-.282
120	238	-.249	.045	-.099	-.425	120	410	-.069	.057	.173	-.245	120	524	.233	.103	.713	0.000
120	239	-.253	.043	-.109	-.393	120	411	-.338	.187	.170	-1.045	120	525	.311	.110	.751	.046
120	240	-.260	.042	-.111	-.407	120	412	-.400	.179	.191	-1.043	120	526	.354	.122	.798	.087
120	241	-.271	.041	-.147	-.449	120	413	-.178	.038	-.041	-.330	120	527	.341	.132	.907	.042
120	242	-.281	.046	-.147	-.434	120	414	-.133	.037	-.015	-.268	120	528	.300	.140	.893	-.084
120	301	-.222	.065	-.024	-.679	120	415	-.027	.053	.175	-.172	120	529	-.075	.104	.188	-.448
120	302	-.220	.059	-.047	-.632	120	416	-.002	.066	.242	-.269	120	530	.046	.081	.415	-.198
120	303	-.222	.065	.008	-.745	120	417	-.304	.217	.320	-1.049	120	531	.234	.087	.644	.032
120	304	-.234	.064	-.045	-.489	120	418	-.321	.206	.310	-1.028	120	532	.289	.097	.630	.061
120	305	-.227	.055	-.043	-.447	120	419	-.209	.044	-.032	-.366	120	533	.270	.090	.597	.054
120	306	-.217	.050	-.040	-.406	120	420	-.161	.041	-.013	-.309	120	534	.165	.067	.432	-.029
120	307	-.222	.058	-.035	-.563	120	421	-.033	.044	.160	-.166	120	535	.128	.090	.466	-.228
120	308	-.217	.055	-.042	-.513	120	422	-.004	.058	.243	-.265	120	536	.032	.063	.275	-.184
120	309	-.215	.055	-.026	-.471	120	423	-.304	.172	.211	-1.077	120	537	.218	.086	.562	.017
120	310	-.221	.051	-.045	-.482	120	424	-.311	.162	.213	-1.148	120	538	.329	.109	.830	.089
120	311	-.203	.048	-.016	-.399	120	425	-.231	.048	-.095	-.446	120	539	.352	.112	.867	.097
120	312	-.197	.047	-.040	-.380	120	426	-.166	.043	.010	-.335	120	540	.177	.068	.484	.012
120	313	-.216	.050	-.055	-.466	120	427	-.043	.048	.214	-.266	120	541	.008	.127	.459	-.533
120	314	-.215	.045	-.076	-.418	120	428	.005	.054	.230	-.230	120	542	-.041	.116	.442	-.399
120	315	-.209	.042	-.087	-.383	120	429	-.163	.140	.204	-.816	120	543	-.072	.101	.342	-.379
120	316	-.200	.040	-.078	-.344	120	430	-.174	.143	.183	-.808	120	544	.098	.074	.339	-.144
120	317	-.187	.041	-.048	-.341	120	431	-.146	.050	.022	-.371	120	545	.077	.062	.303	-.107
120	318	-.187	.041	-.038	-.342	120	432	-.084	.060	.110	-.353	120	546	.062	.051	.257	-.113
120	319	-.247	.078	-.040	-.686	120	433	-.011	.060	.249	-.247	120	601	.078	.181	.579	-.568
120	320	-.247	.067	-.059	-.639	120	434	-.029	.089	.218	-.347	120	602	.080	.133	.485	-.480
120	321	-.255	.051	-.106	-.469	120	435	-.049	.104	.251	-.403	120	603	.002	.104	.395	-.263
120	322	-.242	.046	-.111	-.418	120	436	-.054	.112	.220	-.404	120	604	-.012	.092	.389	-.295
120	323	-.214	.046	-.044	-.378	120	501	-.157	.095	.191	-.492	120	605	-.068	.081	.300	-.400
120	324	-.210	.045	-.066	-.385	120	502	-.050	.092	.363	-.350	120	606	-.149	.065	.198	-.441
120	325	-.325	.067	-.120	-.720	120	503	-.004	.096	.350	-.284	120	607	.238	.202	.813	-.618
120	326	-.318	.057	-.140	-.579	120	504	.008	.098	.393	-.285	120	608	.272	.163	.779	-.366
120	327	-.287	.049	-.156	-.461	120	505	.070	.100	.478	-.216	120	609	.210	.125	.649	-.104
120	328	-.268	.046	-.135	-.442	120	506	.153	.117	.579	-.152	120	610	.148	.113	.573	-.139
120	329	-.255	.046	-.111	-.411	120	507	.178	.128	.613	-.235	120	611	.022	.089	.388	-.244
120	330	-.258	.047	-.097	-.420	120	508	-.114	.121	.293	-.523	120	612	-.142	.065	.090	-.366
120	331	-.282	.046	-.134	-.480	120	509	.038	.111	.414	-.270	120	613	.302	.199	.878	-.365
120	332	-.282	.048	-.159	-.475	120	510	.178	.106	.560	-.078	120	614	.320	.184	.873	-.362
120	333	-.284	.049	-.147	-.459	120	511	.207	.109	.667	-.047	120	615	.317	.127	.796	.009
120	334	-.268	.049	-.144	-.458	120	512	.237	.117	.725	-.130	120	616	.216	.103	.589	-.043
120	335	-.234	.048	-.075	-.456	120	513	.308	.130	.822	-.066	120	617	-.004	.070	.263	-.199
120	336	-.249	.055	-.088	-.427	120	514	.319	.144	.854	-.127	120	618	-.156	.055	.060	-.330
120	401	-.202	.046	-.053	-.372	120	515	-.124	.170	.406	-.739	120	619	.251	.183	.777	-.399
120	402	-.166	.048	.032	-.347	120	516	.019	.123	.438	-.352	120	620	.250	.167	.764	-.364
120	403	-.156	.050	.057	-.317	120	517	.258	.108	.648	.005	120	621	.241	.105	.617	-.021
120	404	-.187	.060	.031	-.438	120	518	.378	.121	.823	.094	120	622	.165	.092	.475	-.043
120	405	-.338	.141	-.026	-.961	120	519	.412	.129	.813	.109	120	623	-.030	.066	.250	-.195
120	406	-.437	.155	-.040	-1.209	120	520	.407	.135	.856	.034	120	624	-.195	.058	.036	-.443

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
120	625	.103	.161	.574	-.513	120	817	-.221	.045	-.012	-.393	135	111	-.335	.082	-.083	-.767
120	626	.122	.154	.546	-.529	120	818	-.306	.052	-.164	-.540	135	112	-.318	.088	-.046	-.807
120	627	.177	.092	.546	-.268	120	819	-.339	.066	-.145	-.637	135	113	-.255	.044	-.115	-.413
120	628	.119	.077	.446	-.095	120	820	-.253	.040	-.086	-.378	135	114	-.269	.045	-.140	-.434
120	629	-.073	.055	.167	-.234	120	821	-.271	.038	-.137	-.420	135	115	-.280	.044	-.152	-.441
120	630	-.200	.054	.023	-.412	120	822	-.295	.044	-.166	-.472	135	116	-.271	.045	-.142	-.442
120	631	.089	.062	.286	-.151	120	823	-.138	.072	.129	-.363	135	117	-.299	.057	-.154	-.515
120	632	.072	.064	.295	-.179	120	824	-.102	.093	.326	-.450	135	118	-.316	.058	-.160	-.544
120	633	.074	.056	.308	-.086	120	825	-.126	.045	.047	-.322	135	119	-.256	.044	-.130	-.407
120	634	.010	.055	.234	-.183	120	826	.043	.067	.385	-.161	135	120	-.237	.043	-.103	-.379
120	635	-.047	.050	.133	-.280	120	827	-.083	.089	.237	-.452	135	121	-.250	.042	-.125	-.420
120	636	-.143	.052	.100	-.342	120	828	-.041	.074	.166	-.393	135	122	-.279	.044	-.145	-.469
120	701	-.344	.139	.014	-1.294	120	829	-.054	.075	.244	-.435	135	123	-.315	.055	-.172	-.588
120	702	-.338	.133	.095	-.880	120	830	-.030	.085	.222	-.611	135	124	-.302	.054	-.142	-.571
120	703	-.393	.148	.048	-.962	120	831	.009	.076	.249	-.325	135	125	-.237	.044	-.111	-.396
120	704	-.562	.134	-.176	-1.073	120	832	.078	.063	.374	-.151	135	126	-.252	.045	-.125	-.415
120	705	-.530	.120	-.176	-1.213	120	833	.104	.050	.303	-.051	135	127	-.266	.045	-.135	-.429
120	706	-.517	.107	-.177	-.927	120	834	.057	.054	.238	-.156	135	128	-.261	.046	-.149	-.449
120	707	-.559	.116	-.203	-1.136	120	835	.143	.044	.317	.009	135	129	-.285	.054	-.120	-.524
120	708	-.472	.126	-.090	-.955	120	836	.146	.047	.354	.022	135	130	-.302	.056	-.135	-.557
120	709	-.513	.121	-.054	-1.075	120	837	.117	.037	.261	.005	135	131	-.261	.046	-.108	-.436
120	710	-.573	.163	-.195	-1.371	120	838	.114	.041	.289	.006	135	132	-.246	.046	-.099	-.423
120	711	-.106	.104	.269	-.454	120	839	.085	.094	.423	-.238	135	133	-.252	.049	-.101	-.471
120	712	-.153	.089	.091	-.508	120	840	.146	.086	.451	-.061	135	134	-.268	.046	-.117	-.482
120	713	-.215	.090	.043	-.629	120	841	.051	.105	.458	-.364	135	135	-.274	.047	-.120	-.461
120	714	-.121	.091	.205	-.527	120	842	.119	.088	.494	-.088	135	136	-.261	.048	-.108	-.468
120	715	-.243	.060	-.071	-.501	120	843	.382	.124	.961	.110	135	201	-.290	.084	-.096	-.824
120	716	-.277	.059	-.062	-.554	120	844	.305	.099	.696	.044	135	202	-.290	.090	-.095	-.939
120	717	-.226	.054	-.057	-.439	120	845	.239	.086	.657	.030	135	203	-.276	.098	-.076	-1.068
120	718	-.278	.074	-.042	-.705	120	846	.200	.074	.668	.006	135	204	-.233	.056	-.036	-.647
120	719	-.442	.106	-.147	-.881	120	847	.328	.103	.902	.070	135	205	-.216	.056	-.059	-.515
120	720	-.651	.135	-.313	-1.239	120	848	.310	.113	.900	.023	135	206	-.227	.071	-.020	-.574
120	721	-.568	.137	-.071	-1.203	120	849	.343	.116	.954	.074	135	207	-.239	.075	-.024	-.635
120	722	-.542	.148	.246	-1.023	120	850	.305	.104	.757	.074	135	208	-.295	.079	-.078	-.884
120	801	.077	.061	.369	-.140	120	851	-.067	.093	.238	-.315	135	209	-.288	.069	-.079	-.634
120	802	.106	.061	.317	-.075	120	852	-.137	.072	.119	-.380	135	210	-.257	.073	-.094	-.742
120	803	-.134	.046	-.008	-.367	120	853	-.257	.040	-.093	-.435	135	211	-.235	.051	-.087	-.524
120	804	-.264	.050	-.118	-.455	120	854	-.245	.043	-.073	-.404	135	212	-.229	.054	-.061	-.483
120	805	-.267	.048	-.125	-.472	120	855	-.271	.043	-.099	-.443	135	213	-.218	.066	-.012	-.627
120	806	-.279	.051	-.141	-.571	120	856	-.264	.052	-.103	-.570	135	214	-.231	.070	-.021	-.621
120	807	-.269	.048	-.126	-.522	135	101	-.285	.054	-.111	-.464	135	215	-.292	.054	-.094	-.505
120	808	-.250	.046	-.098	-.440	135	102	-.305	.056	-.115	-.507	135	216	-.294	.048	-.159	-.461
120	809	-.272	.044	-.150	-.440	135	103	-.312	.071	-.105	-.689	135	217	-.253	.044	-.103	-.403
120	810	-.280	.045	-.159	-.450	135	104	-.287	.074	-.048	-.833	135	218	-.227	.042	-.089	-.382
120	811	-.274	.048	-.116	-.502	135	105	-.339	.100	-.043	-.863	135	219	-.219	.041	-.080	-.362
120	812	-.263	.053	-.096	-.530	135	106	-.347	.101	-.065	-1.064	135	220	-.221	.044	-.074	-.424
120	813	-.274	.072	-.002	-.715	135	107	-.291	.051	-.135	-.453	135	221	-.221	.050	-.055	-.423
120	814	-.253	.066	.041	-.590	135	108	-.271	.051	-.108	-.439	135	222	-.280	.047	-.123	-.442
120	815	-.253	.076	-.037	-.706	135	109	-.277	.059	-.101	-.522	135	223	-.278	.045	-.130	-.444
120	816	-.222	.052	-.061	-.495	135	110	-.301	.077	-.107	-.919	135	224	-.261	.043	-.115	-.404

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	225	-.219	.042	-.055	-.360	135	333	-.284	.054	-.125	-.506	135	511	.253	.120	.671	-.048
135	226	-.206	.043	-.043	-.401	135	334	-.259	.052	-.108	-.482	135	512	.258	.125	.664	-.091
135	227	-.222	.053	-.017	-.425	135	335	-.224	.055	-.065	-.454	135	513	.240	.143	.729	-.177
135	228	-.248	.058	-.086	-.493	135	336	-.231	.053	-.067	-.443	135	514	.177	.142	.632	-.260
135	229	-.272	.053	-.139	-.550	135	401	-.165	.049	.010	-.360	135	515	.134	.165	.730	-.512
135	230	-.263	.048	-.132	-.454	135	402	-.132	.056	.089	-.343	135	516	.218	.140	.700	-.146
135	231	-.255	.043	-.137	-.392	135	403	-.093	.063	.131	-.287	135	517	.339	.143	.934	-.003
135	232	-.257	.044	-.120	-.409	135	404	-.097	.075	.259	-.315	135	518	.396	.132	.860	.079
135	233	-.250	.050	-.063	-.420	135	405	-.101	.126	.321	-.583	135	519	.408	.135	.881	.048
135	234	-.280	.051	-.050	-.546	135	406	-.183	.166	.362	-.801	135	520	.317	.144	.809	-.081
135	235	-.308	.057	-.070	-.562	135	407	-.137	.044	.038	-.306	135	521	.223	.166	.774	-.270
135	236	-.253	.046	-.091	-.420	135	408	-.078	.055	.138	-.248	135	522	.071	.140	.542	-.393
135	237	-.252	.046	-.101	-.447	135	409	.034	.072	.312	-.163	135	523	.161	.116	.574	-.147
135	238	-.241	.045	-.110	-.408	135	410	.051	.083	.396	-.171	135	524	.289	.116	.755	.017
135	239	-.248	.043	-.091	-.394	135	411	-.021	.166	.430	-.766	135	525	.332	.125	.843	.059
135	240	-.252	.043	-.043	-.408	135	412	-.082	.185	.460	-.813	135	526	.343	.128	.920	.060
135	241	-.265	.043	-.150	-.462	135	413	-.134	.043	.022	-.294	135	527	.222	.136	.806	-.133
135	242	-.277	.047	-.137	-.521	135	414	-.067	.051	.099	-.212	135	528	.101	.159	.626	-.351
135	301	-.244	.089	-.032	-.788	135	415	.087	.081	.363	-.100	135	529	.053	.098	.367	-.265
135	302	-.241	.080	-.024	-.682	135	416	.137	.096	.498	-.098	135	530	.135	.078	.480	-.075
135	303	-.242	.081	-.007	-.835	135	417	.046	.208	.656	-.830	135	531	.271	.105	.736	.046
135	304	-.249	.071	-.037	-.599	135	418	.019	.207	.659	-.823	135	532	.300	.115	.783	.019
135	305	-.238	.058	-.067	-.473	135	419	-.174	.045	-.010	-.341	135	533	.254	.101	.650	.004
135	306	-.224	.053	-.066	-.455	135	420	-.111	.052	.071	-.277	135	534	.079	.068	.352	-.082
135	307	-.238	.084	.005	-.676	135	421	.042	.062	.328	-.106	135	535	-.019	.099	.355	-.309
135	308	-.242	.080	-.024	-.718	135	422	.091	.071	.454	-.077	135	536	.100	.074	.413	-.131
135	309	-.237	.070	-.032	-.627	135	423	-.034	.166	.597	-.673	135	537	.258	.101	.667	.031
135	310	-.236	.058	-.047	-.504	135	424	-.051	.165	.658	-.694	135	538	.348	.135	.960	.048
135	311	-.211	.051	-.060	-.381	135	425	-.198	.043	-.004	-.334	135	539	.313	.126	.825	.043
135	312	-.213	.053	-.037	-.416	135	426	-.128	.040	.097	-.261	135	540	.102	.066	.411	-.064
135	313	-.246	.068	-.050	-.574	135	427	.005	.053	.241	-.170	135	541	.073	.103	.479	-.297
135	314	-.238	.059	-.074	-.541	135	428	.062	.062	.348	-.096	135	542	.051	.100	.637	-.225
135	315	-.212	.049	-.060	-.410	135	429	-.030	.117	.314	-.545	135	543	.026	.094	.601	-.217
135	316	-.210	.042	-.094	-.371	135	430	-.042	.113	.306	-.531	135	544	-.024	.060	.200	-.258
135	317	-.193	.043	-.042	-.375	135	431	-.139	.044	.002	-.358	135	545	-.019	.061	.154	-.231
135	318	-.193	.042	-.051	-.363	135	432	-.075	.047	.078	-.305	135	546	-.047	.060	.112	-.344
135	319	-.281	.087	-.082	-.718	135	433	.012	.053	.276	-.253	135	601	-.265	.215	.295	-1.025
135	320	-.275	.072	-.096	-.626	135	434	.037	.070	.352	-.203	135	602	-.146	.181	.260	-.940
135	321	-.251	.050	-.118	-.430	135	435	.038	.079	.341	-.337	135	603	-.086	.074	.186	-.378
135	322	-.236	.046	-.096	-.408	135	436	.040	.083	.360	-.329	135	604	-.097	.068	.184	-.313
135	323	-.209	.046	-.068	-.364	135	501	-.001	.129	.531	-.483	135	605	-.132	.063	.124	-.346
135	324	-.210	.049	-.057	-.359	135	502	.050	.118	.566	-.350	135	606	-.203	.053	-.004	-.406
135	325	-.327	.072	-.153	-.659	135	503	.036	.105	.442	-.250	135	607	-.122	.230	.482	-1.066
135	326	-.321	.064	-.180	-.598	135	504	.042	.100	.409	-.257	135	608	-.040	.227	.557	-.864
135	327	-.282	.051	-.144	-.537	135	505	.086	.103	.433	-.219	135	609	.058	.093	.451	-.470
135	328	-.271	.049	-.136	-.557	135	506	.107	.119	.539	-.287	135	610	.016	.078	.391	-.238
135	329	-.251	.047	-.110	-.450	135	507	.076	.130	.518	-.329	135	611	-.081	.059	.167	-.299
135	330	-.251	.047	-.116	-.455	135	508	.114	.145	.565	-.464	135	612	-.204	.050	-.037	-.409
135	331	-.276	.052	-.153	-.591	135	509	.217	.132	.620	-.152	135	613	-.030	.237	.622	-.908
135	332	-.291	.054	-.156	-.629	135	510	.252	.123	.651	-.073	135	614	-.009	.253	.602	-.895

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
135	615	.141	.106	.531	-.520	135	807	-.262	.043	-.107	-.436	150	101	-.231	.051	-.068	-.404
135	616	.060	.078	.418	-.229	135	808	-.231	.041	-.105	-.375	150	102	-.244	.052	-.080	-.444
135	617	-.108	.050	.077	-.289	135	809	-.256	.045	-.086	-.428	150	103	-.266	.065	-.091	-.665
135	618	-.218	.047	-.064	-.363	135	810	-.268	.044	-.106	-.445	150	104	-.278	.099	-.070	-.897
135	619	-.109	.219	.645	-.795	135	811	-.262	.047	-.119	-.455	150	105	-.261	.089	-.073	-.856
135	620	-.065	.243	.699	-.768	135	812	-.235	.046	-.071	-.441	150	106	-.263	.082	-.061	-1.047
135	621	.087	.110	.544	-.685	135	813	-.263	.048	-.121	-.507	150	107	-.231	.043	-.100	-.417
135	622	.039	.076	.367	-.198	135	814	-.248	.051	-.123	-.443	150	108	-.210	.043	-.066	-.409
135	623	-.122	.047	.062	-.297	135	815	-.283	.068	-.040	-.572	150	109	-.242	.058	-.068	-.515
135	624	-.228	.044	-.073	-.365	135	816	-.211	.047	-.032	-.373	150	110	-.278	.093	-.070	-.846
135	625	-.138	.136	.319	-.644	135	817	-.191	.047	.035	-.376	150	111	-.275	.076	-.086	-.646
135	626	-.127	.153	.320	-.655	135	818	-.279	.058	-.108	-.517	150	112	-.256	.079	-.052	-.631
135	627	.030	.085	.379	-.383	135	819	-.336	.086	-.129	-.708	150	113	-.212	.043	-.087	-.383
135	628	.008	.060	.289	-.236	135	820	-.224	.037	-.074	-.349	150	114	-.223	.043	-.097	-.395
135	629	-.125	.048	.070	-.311	135	821	-.250	.038	-.116	-.410	150	115	-.241	.044	-.107	-.410
135	630	-.216	.050	-.078	-.394	135	822	-.271	.047	-.101	-.463	150	116	-.232	.044	-.112	-.413
135	631	-.072	.093	.118	-.634	135	823	-.051	.079	.284	-.292	150	117	-.265	.051	-.127	-.482
135	632	-.060	.081	.184	-.404	135	824	.014	.084	.306	-.259	150	118	-.279	.053	-.128	-.485
135	633	-.012	.051	.214	-.211	135	825	-.122	.048	.052	-.319	150	119	-.242	.042	-.134	-.403
135	634	-.050	.043	.114	-.191	135	826	.093	.077	.433	-.104	150	120	-.224	.040	-.112	-.371
135	635	-.114	.044	.030	-.278	135	827	.033	.087	.342	-.219	150	121	-.229	.040	-.118	-.366
135	636	-.164	.048	-.001	-.351	135	828	.044	.085	.318	-.417	150	122	-.248	.041	-.141	-.400
135	701	-.426	.159	-.050	-1.301	135	829	.050	.078	.327	-.339	150	123	-.276	.050	-.119	-.503
135	702	-.399	.134	.057	-.984	135	830	.032	.106	.501	-.447	150	124	-.261	.051	-.103	-.479
135	703	-.446	.138	-.016	-1.000	135	831	.052	.064	.247	-.214	150	125	-.230	.047	-.080	-.418
135	704	-.566	.129	-.173	-1.121	135	832	.135	.079	.495	-.052	150	126	-.243	.047	-.085	-.439
135	705	-.514	.115	-.174	-1.255	135	833	.141	.075	.463	-.064	150	127	-.253	.047	-.103	-.446
135	706	-.505	.113	-.179	-1.055	135	834	.072	.048	.260	-.213	150	128	-.240	.047	-.105	-.437
135	707	-.564	.125	-.222	-.990	135	835	.084	.059	.271	-.146	150	129	-.251	.051	-.127	-.458
135	708	-.379	.136	-.044	-.883	135	836	.077	.050	.235	-.115	150	130	-.265	.052	-.133	-.482
135	709	-.476	.136	-.010	-1.091	135	837	.092	.048	.243	-.220	150	131	-.247	.052	-.098	-.556
135	710	-.506	.152	-.095	-1.315	135	838	.059	.043	.209	-.119	150	132	-.227	.052	-.082	-.533
135	711	-.154	.105	.207	-.728	135	839	-.031	.076	.196	-.375	150	133	-.235	.048	-.094	-.451
135	712	-.163	.091	.154	-.708	135	840	.028	.065	.286	-.159	150	134	-.250	.045	-.119	-.441
135	713	-.243	.093	.025	-.620	135	841	-.033	.063	.183	-.415	150	135	-.256	.045	-.114	-.439
135	714	-.198	.108	.171	-.633	135	842	.002	.058	.245	-.195	150	136	-.234	.044	-.105	-.449
135	715	-.290	.089	-.049	-.708	135	843	.365	.128	.951	.093	150	201	-.244	.067	-.039	-.730
135	716	-.269	.063	-.085	-.586	135	844	.297	.101	.671	.043	150	202	-.234	.063	-.042	-.602
135	717	-.243	.065	-.066	-.610	135	845	.258	.092	.569	.042	150	203	-.228	.058	-.049	-.487
135	718	-.273	.085	-.051	-.706	135	846	.221	.085	.563	.021	150	204	-.216	.062	-.019	-.552
135	719	-.451	.111	-.155	-.835	135	847	.324	.107	.742	.080	150	205	-.221	.064	-.015	-.497
135	720	-.624	.150	-.171	-1.148	135	848	.329	.123	.906	.055	150	206	-.260	.082	.006	-.760
135	721	-.553	.146	.028	-1.140	135	849	.353	.127	.975	.084	150	207	-.278	.084	.005	-.759
135	722	-.594	.146	-.025	-1.161	135	850	.294	.108	.645	-.030	150	208	-.232	.064	-.063	-.545
135	801	-.015	.048	.198	-.163	135	851	.033	.083	.378	-.282	150	209	-.231	.059	-.057	-.559
135	802	-.009	.054	.192	-.162	135	852	-.068	.066	.177	-.268	150	210	-.201	.050	-.054	-.494
135	803	-.155	.043	-.003	-.364	135	853	-.252	.040	-.123	-.410	150	211	-.206	.055	-.007	-.543
135	804	-.254	.045	-.122	-.426	135	854	-.244	.045	-.091	-.381	150	212	-.219	.061	.007	-.589
135	805	-.257	.044	-.128	-.408	135	855	-.262	.046	-.114	-.433	150	213	-.228	.073	-.005	-.647
135	806	-.273	.043	-.139	-.450	135	856	-.241	.048	-.081	-.429	150	214	-.260	.084	-.039	-.712

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	215	-.247	.049	-.102	-.435	150	323	-.241	.048	-.085	-.428	150	501	.120	.119	.526	-.257
150	216	-.243	.043	-.098	-.408	150	324	-.243	.044	-.099	-.445	150	502	.126	.113	.544	-.232
150	217	-.192	.041	-.021	-.357	150	325	-.310	.062	-.163	-.607	150	503	.072	.101	.598	-.307
150	218	-.196	.042	-.044	-.345	150	326	-.311	.061	-.158	-.616	150	504	.048	.101	.453	-.273
150	219	-.215	.043	-.053	-.395	150	327	-.287	.050	-.154	-.504	150	505	.073	.105	.420	-.211
150	220	-.257	.050	-.095	-.463	150	328	-.286	.057	-.149	-.638	150	506	.011	.109	.419	-.374
150	221	-.255	.056	-.068	-.474	150	329	-.273	.055	-.135	-.463	150	507	-.097	.115	.297	-.475
150	222	-.245	.048	-.113	-.406	150	330	-.273	.055	-.143	-.452	150	508	.280	.139	.757	-.184
150	223	-.244	.045	-.107	-.405	150	331	-.270	.057	-.127	-.501	150	509	.297	.148	.860	-.076
150	224	-.231	.041	-.100	-.377	150	332	-.287	.059	-.097	-.668	150	510	.290	.131	.845	-.073
150	225	-.200	.040	-.038	-.341	150	333	-.292	.065	-.123	-.828	150	511	.264	.132	.758	-.094
150	226	-.226	.042	-.087	-.390	150	334	-.278	.062	-.121	-.712	150	512	.243	.130	.685	-.125
150	227	-.276	.048	-.073	-.494	150	335	-.246	.059	-.095	-.616	150	513	.090	.128	.541	-.283
150	228	-.310	.053	-.160	-.639	150	336	-.252	.060	-.077	-.561	150	514	-.055	.134	.359	-.549
150	229	-.243	.048	-.105	-.537	150	401	-.131	.060	.113	-.351	150	515	.334	.146	.802	-.185
150	230	-.243	.045	-.115	-.432	150	402	-.079	.072	.191	-.353	150	516	.386	.142	.812	.029
150	231	-.246	.042	-.116	-.427	150	403	-.010	.084	.355	-.321	150	517	.364	.142	.803	-.007
150	232	-.255	.039	-.086	-.389	150	404	.001	.093	.314	-.348	150	518	.393	.135	.931	.046
150	233	-.245	.045	-.049	-.388	150	405	.053	.118	.386	-.394	150	519	.333	.128	.937	-.051
150	234	-.292	.053	-.094	-.572	150	406	.030	.142	.428	-.544	150	520	.084	.117	.534	-.235
150	235	-.316	.059	-.158	-.616	150	407	-.081	.062	.158	-.307	150	521	-.155	.135	.311	-.643
150	236	-.230	.043	-.117	-.479	150	408	-.007	.080	.283	-.295	150	522	.220	.128	.778	-.255
150	237	-.234	.042	-.110	-.463	150	409	.146	.098	.527	-.150	150	523	.245	.114	.772	-.085
150	238	-.237	.042	-.113	-.430	150	410	.181	.111	.612	-.128	150	524	.275	.112	.733	.046
150	239	-.231	.035	-.061	-.343	150	411	.222	.136	.659	-.285	150	525	.224	.122	.745	-.022
150	240	-.255	.040	-.108	-.416	150	412	.210	.157	.716	-.544	150	526	.250	.110	.665	.017
150	241	-.270	.049	-.136	-.504	150	413	-.101	.051	.108	-.274	150	527	.020	.099	.499	-.254
150	242	-.271	.048	-.136	-.486	150	414	.007	.068	.271	-.191	150	528	-.157	.112	.426	-.505
150	301	-.317	.118	.031	-.939	150	415	.227	.109	.637	-.060	150	529	.123	.101	.522	-.197
150	302	-.310	.102	-.012	-.875	150	416	.296	.127	.726	-.024	150	530	.228	.094	.608	-.035
150	303	-.294	.093	-.007	-.775	150	417	.309	.158	.799	-.456	150	531	.309	.108	.741	.090
150	304	-.280	.073	-.054	-.713	150	418	.293	.165	.794	-.460	150	532	.301	.108	.692	.060
150	305	-.256	.058	-.070	-.508	150	419	-.142	.053	.204	-.307	150	533	.163	.089	.561	-.063
150	306	-.241	.053	-.071	-.467	150	420	-.049	.065	.347	-.233	150	534	-.045	.055	.214	-.272
150	307	-.307	.104	-.014	-.961	150	421	.146	.081	.505	-.088	150	535	-.198	.082	.036	-.559
150	308	-.301	.098	-.030	-.812	150	422	.202	.093	.576	-.019	150	536	.183	.086	.582	-.050
150	309	-.264	.073	-.009	-.715	150	423	.197	.135	.642	-.292	150	537	.250	.110	.798	-.111
150	310	-.250	.059	-.086	-.554	150	424	.182	.141	.630	-.326	150	538	.364	.123	.785	.070
150	311	-.221	.053	-.073	-.452	150	425	-.177	.053	.022	-.353	150	539	.275	.104	.673	.019
150	312	-.230	.058	-.054	-.549	150	426	-.071	.059	.211	-.252	150	540	.018	.062	.256	-.182
150	313	-.315	.072	-.140	-.627	150	427	.106	.075	.472	-.064	150	541	.171	.106	.561	-.466
150	314	-.312	.070	-.138	-.625	150	428	.144	.088	.601	-.067	150	542	.158	.121	.680	-.305
150	315	-.253	.053	-.105	-.477	150	429	.145	.112	.565	-.396	150	543	.149	.119	.658	-.276
150	316	-.234	.048	-.082	-.415	150	430	.132	.112	.564	-.404	150	544	-.147	.059	.041	-.395
150	317	-.215	.047	-.062	-.380	150	431	-.135	.046	.055	-.307	150	545	-.144	.056	.085	-.355
150	318	-.214	.047	-.059	-.383	150	432	-.068	.050	.141	-.218	150	546	-.230	.072	-.051	-.480
150	319	-.319	.071	-.112	-.677	150	433	.101	.071	.388	-.195	150	601	-.565	.205	-.053	-1.571
150	320	-.319	.066	-.116	-.584	150	434	.157	.094	.491	-.160	150	602	-.478	.215	.068	-1.274
150	321	-.281	.052	-.128	-.483	150	435	.147	.110	.563	-.254	150	603	-.203	.088	-.003	-.804
150	322	-.262	.047	-.096	-.445	150	436	.128	.114	.541	-.333	150	604	-.152	.053	.028	-.354

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
150	605	-.157	.051	.019	-.369	150	719	-.417	.105	-.126	-.864	150	847	.337	.121	.826	.091
150	606	-.195	.044	-.057	-.355	150	720	-.542	.131	-.150	-1.060	150	848	.378	.144	.959	.063
150	607	-.528	.211	.079	-1.511	150	721	-.502	.130	.026	-.991	150	849	.365	.133	.871	.055
150	608	-.568	.252	.200	-1.517	150	722	-.544	.132	-.139	-1.130	150	850	.290	.109	.748	.037
150	609	-.111	.102	.201	-.876	150	801	-.102	.043	.055	-.267	150	851	.168	.116	.719	-.135
150	610	-.094	.054	.126	-.372	150	802	-.122	.048	.055	-.272	150	852	-.003	.064	.232	-.204
150	611	-.159	.044	-.008	-.300	150	803	-.161	.043	-.030	-.352	150	853	-.260	.044	-.129	-.401
150	612	-.207	.047	-.035	-.398	150	804	-.240	.044	-.114	-.403	150	854	-.267	.042	-.128	-.413
150	613	-.426	.174	.176	-1.126	150	805	-.252	.046	-.129	-.504	150	855	-.275	.051	-.142	-.504
150	614	-.428	.198	.283	-1.120	150	806	-.271	.045	-.153	-.493	150	856	-.257	.056	-.042	-.506
150	615	-.142	.191	.236	-.980	150	807	-.261	.043	-.140	-.469	165	101	-.203	.067	.013	-.519
150	616	-.080	.082	.190	-.613	150	808	-.240	.042	-.123	-.457	165	102	-.219	.070	-.005	-.529
150	617	-.149	.042	-.006	-.369	150	809	-.243	.042	-.117	-.429	165	103	-.242	.080	-.034	-.752
150	618	-.206	.044	-.076	-.355	150	810	-.258	.043	-.136	-.439	165	104	-.216	.069	-.024	-.747
150	619	-.425	.167	.228	-1.076	150	811	-.250	.045	-.130	-.451	165	105	-.224	.072	-.033	-.558
150	620	-.426	.173	.233	-1.060	150	812	-.228	.047	-.087	-.464	165	106	-.244	.079	-.060	-.631
150	621	-.204	.186	.151	-.996	150	813	-.247	.058	.000	-.613	165	107	-.220	.059	-.015	-.500
150	622	-.126	.102	.141	-.723	150	814	-.222	.055	.019	-.545	165	108	-.199	.060	.026	-.454
150	623	-.185	.049	-.015	-.457	150	815	-.250	.076	-.043	-.683	165	109	-.205	.062	-.035	-.524
150	624	-.229	.046	-.086	-.417	150	816	-.199	.046	-.045	-.366	165	110	-.222	.065	-.032	-.633
150	625	-.338	.133	-.077	-1.030	150	817	-.116	.066	.190	-.321	165	111	-.229	.065	-.032	-.718
150	626	-.346	.138	-.001	-1.021	150	818	-.273	.061	-.109	-.627	165	112	-.211	.069	-.012	-.719
150	627	-.195	.141	.103	-.809	150	819	-.453	.114	-.192	-1.055	165	113	-.196	.058	-.043	-.527
150	628	-.105	.068	.192	-.472	150	820	-.262	.039	-.128	-.386	165	114	-.207	.054	-.037	-.499
150	629	-.170	.046	.019	-.367	150	821	-.256	.043	-.122	-.394	165	115	-.221	.045	-.073	-.417
150	630	-.223	.048	-.074	-.478	150	822	-.297	.054	-.128	-.500	165	116	-.198	.043	-.089	-.361
150	631	-.276	.133	.014	-.850	150	823	-.112	.097	.530	-.179	165	117	-.192	.045	-.069	-.447
150	632	-.237	.103	.013	-.620	150	824	.157	.112	.656	-.170	165	118	-.210	.049	-.072	-.482
150	633	-.119	.065	.078	-.455	150	825	-.129	.049	.055	-.309	165	119	-.242	.069	-.068	-.547
150	634	-.118	.054	.040	-.396	150	826	-.198	.096	.684	-.087	165	120	-.212	.060	-.050	-.439
150	635	-.151	.050	-.015	-.370	150	827	.170	.103	.566	-.134	165	121	-.221	.050	-.086	-.437
150	636	-.177	.052	-.023	-.402	150	828	.126	.087	.512	-.280	165	122	-.238	.048	-.082	-.422
150	701	-.472	.165	-.087	-1.377	150	829	.112	.091	.484	-.334	165	123	-.248	.056	-.093	-.491
150	702	-.434	.126	-.053	-1.000	150	830	.118	.110	.542	-.410	165	124	-.228	.058	-.055	-.473
150	703	-.461	.123	-.025	-1.009	150	831	.045	.066	.399	-.241	165	125	-.216	.053	-.079	-.478
150	704	-.546	.121	-.179	-1.002	150	832	.178	.087	.502	-.091	165	126	-.229	.051	-.092	-.459
150	705	-.490	.108	-.149	-.830	150	833	.173	.081	.479	-.047	165	127	-.245	.049	-.103	-.422
150	706	-.479	.109	-.151	-.856	150	834	.074	.042	.250	-.079	165	128	-.226	.044	-.096	-.387
150	707	-.514	.125	-.191	-1.125	150	835	-.095	.077	.171	-.354	165	129	-.235	.053	-.115	-.483
150	708	-.326	.116	.043	-.811	150	836	-.096	.071	.146	-.342	165	130	-.252	.056	-.132	-.611
150	709	-.364	.136	.045	-1.055	150	837	-.072	.061	.118	-.289	165	131	-.240	.062	-.061	-.613
150	710	-.363	.145	.069	-1.206	150	838	-.064	.049	.075	-.220	165	132	-.214	.061	-.029	-.580
150	711	-.243	.090	.096	-.652	150	839	-.163	.070	.130	-.444	165	133	-.222	.063	-.057	-.529
150	712	-.236	.082	.127	-.589	150	840	-.109	.055	.080	-.315	165	134	-.239	.051	-.079	-.472
150	713	-.284	.080	.106	-.606	150	841	-.116	.054	.063	-.416	165	135	-.245	.046	-.115	-.456
150	714	-.306	.119	.132	-.791	150	842	-.111	.054	.091	-.287	165	136	-.221	.045	-.089	-.439
150	715	-.311	.097	-.020	-.750	150	843	.308	.119	.729	.054	165	201	-.222	.069	-.002	-.540
150	716	-.266	.063	-.060	-.524	150	844	.275	.097	.676	.021	165	202	-.216	.069	-.014	-.498
150	717	-.273	.071	-.027	-.576	150	845	.271	.095	.639	.008	165	203	-.215	.069	.035	-.595
150	718	-.297	.076	-.061	-.584	150	846	.230	.089	.599	.024	165	204	-.223	.076	-.007	-.555

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	205	-.254	.081	.027	-.656	165	313	-.330	.091	-.069	-.737	165	427	.175	.088	.566	-.022
165	206	-.284	.098	.023	-.775	165	314	-.331	.088	-.063	-.695	165	428	.207	.107	.690	-.064
165	207	-.302	.102	.000	-.828	165	315	-.291	.068	-.073	-.765	165	429	.257	.103	.615	-.257
165	208	-.203	.064	-.019	-.543	165	316	-.257	.057	-.071	-.558	165	430	.245	.105	.617	-.250
165	209	-.201	.064	-.032	-.659	165	317	-.235	.053	-.039	-.466	165	431	-.131	.059	.149	-.343
165	210	-.195	.065	.025	-.498	165	318	-.233	.051	-.044	-.430	165	432	-.067	.062	.151	-.256
165	211	-.221	.069	.005	-.576	165	319	-.331	.088	-.102	-.785	165	433	.181	.075	.555	-.030
165	212	-.256	.077	.039	-.569	165	320	-.332	.083	-.086	-.711	165	434	.262	.096	.637	.039
165	213	-.269	.091	.076	-.740	165	321	-.303	.062	-.094	-.555	165	435	.277	.109	.690	-.086
165	214	-.290	.102	.068	-.758	165	322	-.285	.059	-.118	-.553	165	436	.265	.120	.697	-.251
165	215	-.199	.048	-.054	-.409	165	323	-.263	.056	-.095	-.482	165	501	.121	.118	.510	-.296
165	216	-.210	.046	-.071	-.390	165	324	-.269	.057	-.089	-.496	165	502	.120	.108	.519	-.218
165	217	-.182	.041	-.034	-.346	165	325	-.348	.097	-.077	-.767	165	503	.052	.091	.506	-.245
165	218	-.197	.040	-.035	-.329	165	326	-.347	.092	-.098	-.764	165	504	.036	.088	.416	-.221
165	219	-.241	.044	-.079	-.420	165	327	-.329	.078	-.077	-.641	165	505	.039	.094	.483	-.234
165	220	-.297	.056	-.122	-.493	165	328	-.335	.080	-.128	-.822	165	506	-.092	.091	.342	-.392
165	221	-.294	.066	-.098	-.585	165	329	-.314	.073	-.102	-.762	165	507	-.246	.094	.188	-.590
165	222	-.210	.053	-.062	-.425	165	330	-.316	.072	-.113	-.764	165	508	.317	.133	.766	-.094
165	223	-.215	.049	-.065	-.412	165	331	-.276	.080	-.092	-.741	165	509	.284	.139	.807	-.152
165	224	-.212	.043	-.051	-.347	165	332	-.296	.079	.042	-.669	165	510	.248	.119	.684	-.052
165	225	-.199	.043	-.048	-.373	165	333	-.343	.090	-.124	-.807	165	511	.204	.114	.593	-.097
165	226	-.229	.050	-.084	-.440	165	334	-.338	.087	-.142	-.958	165	512	.155	.110	.527	-.146
165	227	-.297	.062	-.109	-.546	165	335	-.298	.082	-.090	-.902	165	513	-.116	.099	.323	-.458
165	228	-.330	.070	-.122	-.605	165	336	-.299	.087	-.103	-.846	165	514	-.262	.113	.111	-.742
165	229	-.232	.048	-.072	-.432	165	401	-.057	.080	.228	-.310	165	515	.388	.163	.966	-.053
165	230	-.227	.046	-.016	-.375	165	402	.001	.091	.331	-.292	165	516	.389	.137	1.002	-.036
165	231	-.228	.043	-.050	-.363	165	403	.054	.095	.398	-.240	165	517	.322	.132	.950	-.013
165	232	-.228	.046	-.051	-.415	165	404	.012	.105	.389	-.336	165	518	.306	.126	.727	.029
165	233	-.236	.072	.026	-.611	165	405	.144	.114	.555	-.164	165	519	.205	.115	.688	-.078
165	234	-.314	.071	-.136	-.683	165	406	.134	.121	.569	-.214	165	520	-.108	.088	.400	-.443
165	235	-.350	.083	-.161	-.829	165	407	-.002	.088	.364	-.268	165	521	-.370	.098	.129	-.847
165	236	-.223	.047	-.084	-.487	165	408	.036	.112	.452	-.271	165	522	.328	.124	.866	-.026
165	237	-.224	.042	-.105	-.430	165	409	.231	.115	.727	-.143	165	523	.332	.122	.877	-.024
165	238	-.217	.041	-.104	-.346	165	410	.251	.121	.656	-.122	165	524	.310	.113	.784	.046
165	239	-.216	.040	-.058	-.346	165	411	.289	.131	.769	-.189	165	525	.217	.113	.639	-.076
165	240	-.236	.045	-.088	-.394	165	412	.234	.145	.748	-.367	165	526	.165	.092	.617	-.061
165	241	-.268	.062	-.086	-.489	165	413	-.050	.068	.199	-.284	165	527	-.128	.085	.287	-.462
165	242	-.265	.065	-.038	-.559	165	414	.084	.086	.442	-.148	165	528	-.310	.096	.038	-.786
165	301	-.351	.140	.008	-1.393	165	415	.323	.116	.784	.007	165	529	.214	.110	.649	-.175
165	302	-.339	.117	.035	-1.185	165	416	.338	.134	.857	-.010	165	530	.275	.106	.674	-.018
165	303	-.332	.113	.027	-1.192	165	417	.407	.142	.882	.058	165	531	.304	.109	.744	.053
165	304	-.313	.083	-.007	-.762	165	418	.388	.148	.890	-.019	165	532	.259	.099	.702	.029
165	305	-.284	.063	-.089	-.525	165	419	-.099	.066	.161	-.309	165	533	.088	.080	.477	-.114
165	306	-.267	.059	-.073	-.494	165	420	-.027	.086	.311	-.291	165	534	-.137	.060	.108	-.424
165	307	-.336	.128	.074	-.985	165	421	.260	.106	.799	-.011	165	535	-.336	.100	-.095	-.807
165	308	-.344	.121	.094	-.952	165	422	.316	.117	.749	.034	165	536	.275	.108	.693	.026
165	309	-.310	.100	.093	-1.047	165	423	.326	.131	.786	-.132	165	537	.298	.128	.803	-.026
165	310	-.291	.084	-.078	-.963	165	424	.287	.142	.778	-.187	165	538	.307	.112	.705	.060
165	311	-.259	.066	-.051	-.526	165	425	-.174	.062	.058	-.393	165	539	.198	.088	.503	-.024
165	312	-.266	.067	-.064	-.817	165	426	-.038	.064	.275	-.253	165	540	-.092	.053	.151	-.268

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
165	541	.294	.123	.673	-.116	165	709	-.303	.116	.042	-.875	165	837	-.154	.055	-.005	-.364
165	542	.254	.110	.634	-.279	165	710	-.254	.136	.208	-.989	165	838	-.133	.047	.031	-.299
165	543	.253	.112	.649	-.377	165	711	-.240	.102	.138	-.693	165	839	-.221	.065	-.043	-.465
165	544	-.251	.058	-.061	-.481	165	712	-.235	.093	.153	-.637	165	840	-.203	.050	-.053	-.392
165	545	-.249	.070	-.073	-.528	165	713	-.278	.094	.054	-.792	165	841	-.189	.047	-.048	-.425
165	546	-.314	.070	-.074	-.574	165	714	-.340	.123	.118	-.902	165	842	-.193	.046	-.049	-.369
165	601	-.728	.240	-.243	-1.679	165	715	-.336	.111	.040	-.849	165	843	.265	.099	.670	.024
165	602	-.590	.165	-.129	-1.341	165	716	-.294	.078	-.087	-.615	165	844	.226	.091	.587	-.039
165	603	-.371	.146	-.008	-1.153	165	717	-.316	.093	.020	-.804	165	845	.279	.096	.649	.008
165	604	-.273	.113	.034	-.901	165	718	-.320	.088	.001	-.675	165	846	.243	.093	.533	-.027
165	605	-.206	.082	.017	-.659	165	719	-.381	.099	-.077	-.751	165	847	.288	.096	.635	-.009
165	606	-.203	.072	.031	-.671	165	720	-.526	.128	-.169	-.976	165	848	.368	.136	.930	-.009
165	607	-.664	.237	-.204	-1.932	165	721	-.451	.124	.057	-.851	165	849	.330	.113	.901	.061
165	608	-.756	.230	-.257	-1.913	165	722	-.504	.132	-.123	-.968	165	850	.261	.093	.648	.011
165	609	-.372	.147	-.039	-.960	165	801	-.167	.045	-.053	-.298	165	851	.322	.130	.872	.014
165	610	-.248	.114	.112	-.770	165	802	-.195	.049	-.024	-.414	165	852	-.001	.059	.217	-.182
165	611	-.164	.071	.052	-.619	165	803	-.174	.050	-.000	-.365	165	853	-.243	.049	-.094	-.447
165	612	-.207	.068	.056	-.763	165	804	-.240	.052	-.103	-.424	165	854	-.237	.046	-.072	-.454
165	613	-.534	.130	-.218	-1.230	165	805	-.211	.044	-.080	-.442	165	855	-.251	.047	-.122	-.550
165	614	-.542	.132	-.228	-1.311	165	806	-.231	.040	-.117	-.499	165	856	-.263	.056	-.087	-.541
165	615	-.445	.166	.069	-1.103	165	807	-.223	.039	-.105	-.387	180	101	-.198	.087	.055	-.638
165	616	-.338	.156	-.013	-.901	165	808	-.214	.037	-.046	-.371	180	102	-.205	.086	.051	-.692
165	617	-.239	.107	.065	-.823	165	809	-.215	.040	-.080	-.352	180	103	-.199	.066	-.019	-.516
165	618	-.243	.104	.021	-.824	165	810	-.228	.040	-.119	-.359	180	104	-.170	.058	.019	-.374
165	619	-.442	.137	-.128	-1.153	165	811	-.222	.041	-.090	-.384	180	105	-.194	.070	-.006	-.557
165	620	-.495	.141	-.098	-1.330	165	812	-.214	.045	-.008	-.366	180	106	-.221	.083	-.007	-.614
165	621	-.435	.150	-.026	-1.045	165	813	-.222	.062	.056	-.451	180	107	-.210	.079	0.000	-.588
165	622	-.334	.141	.075	-.880	165	814	-.174	.056	.054	-.458	180	108	-.176	.075	.030	-.578
165	623	-.224	.102	.045	-.799	165	815	-.199	.080	.075	-.576	180	109	-.162	.061	.015	-.484
165	624	-.266	.108	.009	-.837	165	816	-.173	.057	.035	-.419	180	110	-.175	.058	.007	-.472
165	625	-.505	.156	-.142	-1.439	165	817	.005	.086	.450	-.277	180	111	-.212	.062	-.034	-.588
165	626	-.516	.158	-.166	-1.661	165	818	-.270	.076	-.053	-.607	180	112	-.201	.070	.007	-.637
165	627	-.380	.149	.071	-1.017	165	819	-.561	.146	-.232	-1.217	180	113	-.220	.080	.036	-.583
165	628	-.231	.098	.036	-.609	165	820	-.239	.043	-.127	-.433	180	114	-.212	.070	.024	-.570
165	629	-.214	.060	-.034	-.498	165	821	-.242	.047	-.114	-.439	180	115	-.187	.045	-.031	-.422
165	630	-.229	.057	-.083	-.511	165	822	-.315	.067	-.144	-.627	180	116	-.160	.038	-.047	-.313
165	631	-.363	.127	-.070	-1.038	165	823	.196	.092	.517	-.024	180	117	-.197	.046	-.078	-.427
165	632	-.312	.092	-.068	-.750	165	824	.274	.107	.701	.016	180	118	-.227	.054	-.086	-.529
165	633	-.265	.108	-.036	-.849	165	825	-.123	.061	.107	-.381	180	119	-.219	.062	.022	-.569
165	634	-.234	.081	-.028	-.600	165	826	.285	.097	.633	.058	180	120	-.186	.057	.026	-.494
165	635	-.181	.066	-.013	-.513	165	827	.276	.116	.675	-.087	180	121	-.160	.042	-.021	-.374
165	636	-.211	.066	-.021	-.626	165	828	.230	.119	.661	-.407	180	122	-.180	.036	-.020	-.330
165	701	-.410	.118	-.125	-1.321	165	829	.197	.118	.586	-.277	180	123	-.216	.042	-.096	-.405
165	702	-.426	.117	-.109	-1.024	165	830	.175	.113	.640	-.128	180	124	-.206	.046	-.080	-.412
165	703	-.417	.105	-.014	-.912	165	831	.076	.072	.466	-.185	180	125	-.124	.049	.034	-.348
165	704	-.438	.111	-.130	-.882	165	832	.238	.092	.587	-.020	180	126	-.138	.048	.017	-.350
165	705	-.440	.098	-.170	-.787	165	833	.243	.097	.673	.044	180	127	-.153	.037	.007	-.292
165	706	-.439	.101	-.125	-.768	165	834	.086	.052	.331	-.044	180	128	-.143	.037	.028	-.256
165	707	-.445	.124	-.115	-1.134	165	835	-.247	.078	.021	-.530	180	129	-.171	.043	-.037	-.381
165	708	-.324	.107	.023	-.713	165	836	-.244	.070	-.041	-.500	180	130	-.196	.049	-.056	-.475

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	131	-.139	.054	.022	-.354	180	303	-.417	.155	.080	-1.271	180	417	.366	.142	.878	-.002
180	132	-.111	.051	.051	-.313	180	304	-.441	.120	-.068	-.986	180	418	.322	.152	.880	-.136
180	133	-.121	.047	.093	-.341	180	305	-.398	.099	-.147	-.943	180	419	-.081	.096	.262	-.449
180	134	-.144	.052	.113	-.333	180	306	-.384	.098	-.148	-.900	180	420	.056	.111	.521	-.257
180	135	-.163	.058	.070	-.400	180	307	-.355	.170	.118	-1.180	180	421	.289	.120	.720	-.006
180	136	-.139	.061	.145	-.372	180	308	-.335	.161	.156	-1.030	180	422	.322	.122	.849	.051
180	201	-.264	.106	-.009	-1.086	180	309	-.395	.151	.097	-1.162	180	423	.295	.117	.769	-.019
180	202	-.258	.105	-.007	-1.027	180	310	-.420	.131	-.058	-1.218	180	424	.238	.132	.734	-.159
180	203	-.250	.093	.008	-.727	180	311	-.381	.116	-.122	-1.300	180	425	-.160	.085	.235	-.623
180	204	-.248	.093	.025	-.848	180	312	-.406	.118	-.109	-1.091	180	426	-.021	.086	.428	-.299
180	205	-.293	.124	.093	-.964	180	313	-.364	.172	.134	-1.170	180	427	.165	.092	.743	-.041
180	206	-.304	.128	.082	-.854	180	314	-.359	.157	.129	-1.072	180	428	.158	.096	.624	-.042
180	207	-.317	.128	.047	-.854	180	315	-.376	.144	.058	-1.286	180	429	.232	.087	.598	-.018
180	208	-.237	.101	.027	-.949	180	316	-.387	.128	-.097	-1.179	180	430	.211	.087	.542	-.036
180	209	-.241	.093	.017	-.959	180	317	-.351	.109	-.083	-.948	180	431	-.155	.072	.147	-.440
180	210	-.223	.081	.081	-.593	180	318	-.344	.105	-.082	-.861	180	432	-.097	.063	.152	-.292
180	211	-.249	.089	.051	-.942	180	319	-.367	.153	.032	-1.060	180	433	.170	.076	.505	-.033
180	212	-.288	.109	.012	-.752	180	320	-.350	.138	.088	-.954	180	434	.237	.092	.649	-.066
180	213	-.277	.122	.061	-.778	180	321	-.368	.126	-.026	-1.079	180	435	.250	.096	.719	-.007
180	214	-.289	.128	.070	-.944	180	322	-.386	.134	-.075	-1.397	180	436	.198	.100	.685	-.157
180	215	-.224	.057	-.080	-.480	180	323	-.359	.123	-.076	-1.230	180	501	-.010	.133	.441	-.623
180	216	-.241	.055	-.075	-.431	180	324	-.353	.111	-.107	-.918	180	502	.016	.111	.433	-.472
180	217	-.205	.048	-.038	-.355	180	325	-.317	.113	.025	-.968	180	503	-.019	.082	.326	-.321
180	218	-.227	.059	-.032	-.465	180	326	-.313	.106	.051	-.837	180	504	-.054	.081	.316	-.298
180	219	-.259	.073	.007	-.504	180	327	-.383	.114	-.023	-.939	180	505	-.040	.076	.363	-.266
180	220	-.309	.101	.029	-.696	180	328	-.414	.138	.051	-1.193	180	506	-.130	.067	.182	-.340
180	221	-.309	.121	.049	-.821	180	329	-.405	.135	-.081	-1.170	180	507	-.225	.068	.030	-.486
180	222	-.222	.056	-.085	-.548	180	330	-.400	.133	-.089	-1.174	180	508	.151	.151	.682	-.344
180	223	-.234	.053	-.098	-.507	180	331	-.280	.091	-.045	-.749	180	509	.167	.126	.555	-.453
180	224	-.251	.049	-.108	-.451	180	332	-.241	.098	.076	-.777	180	510	.166	.094	.474	-.116
180	225	-.245	.056	-.068	-.442	180	333	-.309	.112	.050	-.820	180	511	.124	.089	.484	-.122
180	226	-.251	.072	-.025	-.783	180	334	-.366	.122	-.067	-.997	180	512	.078	.083	.411	-.197
180	227	-.300	.095	-.024	-.788	180	335	-.403	.165	-.052	-1.074	180	513	-.136	.067	.093	-.382
180	228	-.336	.110	-.029	-.903	180	336	-.433	.206	-.061	-1.617	180	514	-.212	.077	.020	-.721
180	229	-.186	.053	-.031	-.517	180	401	-.003	.108	.405	-.377	180	515	.239	.163	.689	-.322
180	230	-.193	.052	.008	-.405	180	402	.061	.113	.467	-.321	180	516	.246	.161	.769	-.505
180	231	-.231	.055	-.056	-.485	180	403	.085	.106	.461	-.228	180	517	.205	.115	.622	-.155
180	232	-.269	.062	-.077	-.499	180	404	.034	.108	.411	-.260	180	518	.224	.098	.572	-.016
180	233	-.259	.072	-.071	-.611	180	405	.146	.110	.517	-.176	180	519	.130	.086	.460	-.080
180	234	-.297	.093	-.049	-.690	180	406	.117	.113	.501	-.236	180	520	-.117	.069	.103	-.365
180	235	-.326	.104	-.051	-.837	180	407	.058	.109	.449	-.365	180	521	-.307	.082	-.088	-.639
180	236	-.141	.067	.145	-.487	180	408	.134	.128	.602	-.301	180	522	.196	.148	.691	-.310
180	237	-.124	.070	.127	-.374	180	409	.273	.127	.718	-.112	180	523	.211	.143	.688	-.297
180	238	-.175	.072	.262	-.500	180	410	.272	.127	.696	-.078	180	524	.226	.099	.608	-.014
180	239	-.280	.082	-.080	-.661	180	411	.261	.128	.762	-.125	180	525	.127	.093	.519	-.096
180	240	-.276	.077	-.087	-.602	180	412	.209	.137	.722	-.221	180	526	.109	.078	.388	-.107
180	241	-.275	.080	-.060	-.633	180	413	-.024	.104	.333	-.391	180	527	-.144	.071	.158	-.421
180	242	-.285	.087	-.059	-.769	180	414	.134	.120	.606	-.216	180	528	-.295	.091	0.000	-.678
180	301	-.357	.174	.151	-1.190	180	415	.344	.141	.872	-.058	180	529	.150	.099	.617	-.221
180	302	-.348	.153	.095	-.987	180	416	.353	.147	.935	-.084	180	530	.226	.101	.574	-.167

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
180	531	.257	.092	.559	-.032	180	635	-.142	.052	.009	-.388	180	827	.281	.108	.723	-.038
180	532	.213	.082	.478	-.007	180	636	-.138	.061	.006	-.606	180	828	.205	.107	.649	-.312
180	533	.069	.062	.274	-.093	180	701	-.485	.105	-.192	-.955	180	829	.166	.107	.587	-.336
180	534	-.118	.055	.080	-.334	180	702	-.465	.103	-.175	-.932	180	830	.159	.097	.563	-.209
180	535	-.306	.102	-.044	-.691	180	703	-.502	.101	-.207	-.924	180	831	.095	.074	.539	-.148
180	536	.249	.107	.663	0.000	180	704	-.535	.117	-.216	-.986	180	832	.197	.090	.593	-.054
180	537	.228	.119	.766	-.164	180	705	-.473	.096	-.132	-.853	180	833	.185	.078	.599	.012
180	538	.267	.098	.675	.029	180	706	-.472	.099	-.108	-.918	180	834	.067	.046	.297	-.059
180	539	.181	.075	.486	-.036	180	707	-.401	.116	-.076	-.847	180	835	-.165	.056	-.008	-.450
180	540	-.068	.042	.108	-.214	180	708	-.272	.107	.102	-.715	180	836	-.173	.050	-.030	-.383
180	541	.273	.113	.866	-.054	180	709	-.294	.113	.130	-.681	180	837	-.115	.041	.012	-.295
180	542	.264	.114	.746	-.035	180	710	-.222	.132	.282	-.985	180	838	-.109	.037	.016	-.231
180	543	.265	.119	.761	-.019	180	711	-.216	.098	.185	-.647	180	839	-.168	.056	-.026	-.383
180	544	-.178	.047	-.049	-.392	180	712	-.196	.089	.161	-.570	180	840	-.154	.040	-.015	-.307
180	545	-.165	.045	-.045	-.319	180	713	-.272	.100	.126	-.737	180	841	-.139	.040	-.036	-.339
180	546	-.268	.054	-.123	-.500	180	714	-.376	.134	.095	-.897	180	842	-.142	.039	-.034	-.328
180	601	-.427	.128	-.112	-1.131	180	715	-.360	.133	.110	-.976	180	843	.232	.082	.553	.012
180	602	-.407	.117	-.120	-1.154	180	716	-.282	.076	-.068	-.603	180	844	.212	.083	.529	-.079
180	603	-.410	.135	.050	-1.112	180	717	-.329	.097	-.004	-.735	180	845	.245	.083	.688	.022
180	604	-.338	.139	.108	-.953	180	718	-.319	.093	.049	-.728	180	846	.205	.075	.486	.013
180	605	-.249	.126	.145	-.844	180	719	-.368	.099	-.052	-.746	180	847	.249	.091	.633	-.028
180	606	-.251	.135	.088	-.936	180	720	-.497	.131	-.081	-1.116	180	848	.324	.141	.901	-.097
180	607	-.379	.133	-.107	-1.293	180	721	-.374	.168	.517	-.806	180	849	.262	.103	.686	.015
180	608	-.396	.131	-.101	-1.390	180	722	-.454	.137	-.050	-1.121	180	850	.205	.086	.561	-.019
180	609	-.391	.132	.016	-1.020	180	801	-.118	.038	-.014	-.269	180	851	.295	.115	.778	.045
180	610	-.336	.134	.202	-.951	180	802	-.145	.041	-.022	-.298	180	852	-.052	.057	.174	-.239
180	611	-.251	.129	.147	-.807	180	803	-.136	.044	-.008	-.324	180	853	-.255	.068	-.005	-.511
180	612	-.249	.134	.089	-.834	180	804	-.143	.037	-.020	-.300	180	854	-.305	.088	-.014	-.669
180	613	-.338	.096	-.060	-.735	180	805	-.121	.041	.049	-.256	180	855	-.268	.077	-.078	-.586
180	614	-.346	.097	-.067	-.750	180	806	-.154	.053	.045	-.360	180	856	-.280	.086	-.042	-.711
180	615	-.372	.113	-.059	-.916	180	807	-.154	.066	.120	-.404	195	101	-.186	.064	.038	-.437
180	616	-.351	.113	-.042	-.858	180	808	-.198	.064	.026	-.548	195	102	-.185	.060	.031	-.448
180	617	-.285	.119	.086	-.816	180	809	-.170	.049	.008	-.346	195	103	-.176	.045	-.005	-.365
180	618	-.292	.126	.086	-.886	180	810	-.179	.051	.033	-.355	195	104	-.167	.047	.018	-.390
180	619	-.445	.125	-.107	-.988	180	811	-.197	.056	-.022	-.482	195	105	-.190	.057	-.044	-.564
180	620	-.455	.142	-.105	-1.206	180	812	-.246	.060	-.064	-.516	195	106	-.204	.064	-.044	-.640
180	621	-.458	.151	-.063	-1.367	180	813	-.251	.072	-.058	-.630	195	107	-.213	.063	.014	-.527
180	622	-.344	.132	.037	-.810	180	814	-.215	.068	-.004	-.612	195	108	-.178	.057	.014	-.476
180	623	-.242	.097	.082	-.729	180	815	-.296	.103	-.013	-.823	195	109	-.158	.043	-.016	-.320
180	624	-.236	.092	.009	-.720	180	816	-.202	.068	.002	-.458	195	110	-.176	.044	-.029	-.366
180	625	-.526	.179	-.125	-1.324	180	817	.023	.082	.325	-.227	195	111	-.201	.052	-.067	-.396
180	626	-.542	.185	-.142	-1.450	180	818	-.207	.089	.049	-.637	195	112	-.186	.058	-.028	-.436
180	627	-.201	.142	.174	-.737	180	819	-.586	.185	-.146	-1.859	195	113	-.254	.063	-.060	-.543
180	628	-.154	.061	.031	-.421	180	820	-.291	.072	-.117	-.577	195	114	-.233	.051	-.075	-.458
180	629	-.143	.051	.019	-.363	180	821	-.260	.062	-.080	-.504	195	115	-.197	.035	-.076	-.336
180	630	-.143	.052	.028	-.391	180	822	-.318	.086	-.062	-.677	195	116	-.178	.035	-.063	-.362
180	631	-.246	.089	-.064	-.720	180	823	.226	.110	.717	-.036	195	117	-.206	.043	-.082	-.385
180	632	-.183	.063	-.025	-.543	180	824	.273	.112	.802	.004	195	118	-.224	.048	-.099	-.417
180	633	-.163	.061	-.011	-.539	180	825	-.109	.065	.192	-.353	195	119	-.188	.051	-.052	-.453
180	634	-.152	.055	.001	-.399	180	826	.249	.096	.747	.018	195	120	-.164	.048	-.019	-.490

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	121	-.168	.035	-.068	-.350	195	235	-.347	.112	-.104	-.901	195	407	.145	.139	.638	-.330
195	122	-.190	.037	-.082	-.388	195	236	-.084	.068	.170	-.453	195	408	.208	.155	.760	-.255
195	123	-.216	.039	-.103	-.384	195	237	-.076	.072	.196	-.336	195	409	.280	.129	.725	-.055
195	124	-.199	.039	-.084	-.369	195	238	-.172	.081	.144	-.495	195	410	.251	.120	.654	-.135
195	125	-.096	.043	.060	-.256	195	239	-.264	.076	-.042	-.537	195	411	.166	.103	.543	-.136
195	126	-.110	.039	.027	-.254	195	240	-.264	.065	-.098	-.607	195	412	.029	.118	.423	-.327
195	127	-.158	.035	-.057	-.317	195	241	-.298	.076	-.119	-.759	195	413	.025	.128	.529	-.360
195	128	-.166	.039	-.031	-.320	195	242	-.363	.113	-.117	-.901	195	414	.220	.141	.713	-.175
195	129	-.200	.051	-.063	-.421	195	301	-.212	.059	-.034	-.688	195	415	.396	.145	1.009	.061
195	130	-.219	.054	-.061	-.472	195	302	-.189	.064	-.014	-.662	195	416	.330	.145	.841	.005
195	131	-.105	.040	.036	-.260	195	303	-.240	.123	.059	-.894	195	417	.230	.124	.640	-.103
195	132	-.081	.041	.091	-.231	195	304	-.398	.176	-.066	-1.113	195	418	.111	.149	.536	-.371
195	133	-.097	.050	.071	-.301	195	305	-.660	.168	-.123	-1.292	195	419	-.004	.132	.575	-.422
195	134	-.124	.059	.119	-.368	195	306	-.664	.170	-.265	-1.680	195	420	.122	.144	.747	-.278
195	135	-.141	.064	.064	-.415	195	307	-.204	.051	.005	-.606	195	421	.357	.132	.763	.059
195	136	-.119	.064	.088	-.385	195	308	-.182	.066	.178	-.756	195	422	.336	.120	.730	.025
195	201	-.224	.074	-.051	-.686	195	309	-.209	.134	.077	-.944	195	423	.199	.107	.706	-.146
195	202	-.235	.089	-.007	-.895	195	310	-.384	.201	.003	-1.078	195	424	.061	.135	.678	-.459
195	203	-.278	.102	-.002	-.896	195	311	-.676	.201	-.164	-1.641	195	425	-.098	.115	.354	-.481
195	204	-.273	.100	-.014	-.930	195	312	-.700	.184	-.232	-1.903	195	426	.076	.113	.536	-.211
195	205	-.249	.077	-.009	-.744	195	313	-.247	.099	.070	-1.159	195	427	.260	.119	.706	0.000
195	206	-.243	.060	.001	-.604	195	314	-.237	.105	.098	-.935	195	428	.243	.124	.704	-.054
195	207	-.251	.060	-.073	-.608	195	315	-.322	.200	.051	-1.047	195	429	.214	.088	.633	-.028
195	208	-.216	.072	-.024	-.628	195	316	-.488	.208	.083	-1.132	195	430	.160	.095	.560	-.147
195	209	-.219	.066	-.034	-.659	195	317	-.566	.135	-.108	-1.265	195	431	-.139	.083	.213	-.548
195	210	-.260	.104	.010	-.840	195	318	-.560	.127	-.199	-1.195	195	432	-.066	.071	.262	-.294
195	211	-.265	.093	-.046	-.816	195	319	-.283	.108	.030	-.930	195	433	.210	.077	.533	.006
195	212	-.261	.074	-.057	-.737	195	320	-.270	.111	.010	-.886	195	434	.259	.086	.619	.057
195	213	-.235	.062	-.042	-.677	195	321	-.331	.174	.045	-1.060	195	435	.261	.087	.577	.029
195	214	-.234	.056	-.075	-.604	195	322	-.472	.186	.037	-1.285	195	436	.254	.091	.569	-.013
195	215	-.228	.049	-.102	-.480	195	323	-.543	.145	-.094	-1.165	195	501	-.233	.154	.178	-.750
195	216	-.247	.051	-.100	-.475	195	324	-.517	.159	-.131	-1.569	195	502	-.155	.127	.227	-.674
195	217	-.229	.048	-.091	-.432	195	325	-.282	.078	-.071	-.641	195	503	-.093	.073	.213	-.279
195	218	-.230	.047	-.082	-.404	195	326	-.244	.074	.000	-.645	195	504	-.103	.070	.220	-.317
195	219	-.245	.057	-.046	-.545	195	327	-.266	.133	.034	-.812	195	505	-.110	.055	.086	-.285
195	220	-.262	.067	-.069	-.637	195	328	-.409	.200	.044	-1.320	195	506	-.170	.050	.004	-.357
195	221	-.246	.074	-.047	-.742	195	329	-.504	.165	-.098	-1.470	195	507	-.241	.052	-.088	-.436
195	222	-.207	.044	-.082	-.428	195	330	-.504	.167	-.160	-1.858	195	508	-.122	.169	.516	-.698
195	223	-.222	.044	-.102	-.453	195	331	-.215	.073	.037	-.708	195	509	-.043	.162	.460	-.879
195	224	-.247	.046	-.112	-.453	195	332	-.177	.082	.047	-.620	195	510	.047	.073	.335	-.142
195	225	-.246	.054	-.096	-.485	195	333	-.204	.120	.085	-.762	195	511	.021	.064	.310	-.226
195	226	-.269	.070	-.101	-.623	195	334	-.299	.172	.142	-1.152	195	512	-.016	.061	.255	-.199
195	227	-.295	.079	-.073	-.770	195	335	-.464	.207	.068	-1.284	195	513	-.202	.051	.035	-.403
195	228	-.313	.084	-.093	-.720	195	336	-.663	.267	-.119	-1.586	195	514	-.218	.054	-.060	-.467
195	229	-.204	.056	-.054	-.460	195	401	.059	.139	.485	-.394	195	515	.010	.181	.532	-.627
195	230	-.203	.054	-.020	-.463	195	402	.110	.134	.536	-.315	195	516	.033	.168	.522	-.602
195	231	-.243	.059	-.061	-.468	195	403	.061	.105	.538	-.213	195	517	.084	.080	.362	-.130
195	232	-.258	.058	-.069	-.623	195	404	.008	.103	.418	-.271	195	518	.097	.072	.424	-.077
195	233	-.276	.073	-.103	-.728	195	405	.041	.094	.378	-.222	195	519	.011	.061	.270	-.162
195	234	-.324	.108	-.086	-.856	195	406	-.026	.099	.339	-.361	195	520	-.197	.048	-.007	-.378

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
195	521	-.381	.059	-.187	-.607	195	625	-.595	.150	-.266	-1.406	195	817	.046	.075	.365	-.146
195	522	.044	.167	.516	-.588	195	626	-.628	.156	-.180	-1.399	195	818	-.135	.071	.094	-.636
195	523	.064	.169	.497	-.580	195	627	-.109	.077	.150	-.611	195	819	-.487	.176	-.080	-1.258
195	524	.148	.079	.427	-.090	195	628	-.158	.045	.021	-.309	195	820	-.251	.058	-.092	-.501
195	525	.058	.073	.344	-.161	195	629	-.135	.047	.016	-.300	195	821	-.238	.054	-.100	-.484
195	526	.010	.049	.207	-.147	195	630	-.125	.051	.054	-.330	195	822	-.271	.102	.011	-.701
195	527	-.222	.052	.002	-.415	195	631	-.183	.050	-.039	-.415	195	823	.289	.117	.656	.011
195	528	-.362	.072	-.163	-.662	195	632	-.151	.039	-.011	-.287	195	824	.322	.113	.797	.076
195	529	.033	.107	.423	-.347	195	633	-.146	.037	-.038	-.317	195	825	-.059	.073	.242	-.428
195	530	.141	.099	.526	-.258	195	634	-.155	.043	-.025	-.320	195	826	.286	.097	.758	.064
195	531	.185	.075	.521	-.010	195	635	-.139	.043	-.001	-.338	195	827	.314	.102	.721	.067
195	532	.143	.064	.434	-.029	195	636	-.133	.044	.011	-.387	195	828	.302	.102	.745	-.067
195	533	.010	.052	.247	-.156	195	701	-.602	.118	-.199	-1.131	195	829	.134	.114	.570	-.301
195	534	-.134	.046	.049	-.384	195	702	-.617	.128	-.275	-1.141	195	830	.169	.088	.607	-.083
195	535	-.337	.090	-.130	-.836	195	703	-.632	.120	-.298	-1.129	195	831	.110	.067	.462	-.090
195	536	.209	.102	.616	-.070	195	704	-.564	.135	-.037	-1.133	195	832	.194	.082	.553	-.013
195	537	.130	.124	.574	-.380	195	705	-.523	.103	-.236	-.995	195	833	.171	.070	.509	.005
195	538	.183	.072	.521	.001	195	706	-.526	.112	-.246	-1.203	195	834	.071	.044	.247	-.057
195	539	.133	.063	.415	-.037	195	707	-.369	.105	-.028	-1.025	195	835	-.126	.046	.007	-.355
195	540	-.092	.034	.036	-.213	195	708	-.203	.088	.105	-.550	195	836	-.122	.044	-.003	-.345
195	541	.280	.096	.720	.030	195	709	-.228	.090	.107	-.599	195	837	-.083	.035	.027	-.266
195	542	.281	.095	.628	.049	195	710	-.166	.091	.181	-.515	195	838	-.093	.030	.028	-.201
195	543	.285	.099	.671	.039	195	711	-.136	.071	.109	-.503	195	839	-.134	.041	-.015	-.285
195	544	-.146	.032	-.057	-.263	195	712	-.133	.067	.091	-.383	195	840	-.122	.030	-.020	-.230
195	545	-.133	.035	-.018	-.279	195	713	-.216	.065	.020	-.519	195	841	-.114	.031	-.017	-.227
195	546	-.229	.038	-.113	-.360	195	714	-.263	.104	.069	-.769	195	842	-.122	.029	-.025	-.236
195	601	-.309	.082	-.100	-.765	195	715	-.183	.133	.313	-.666	195	843	.176	.070	.432	.002
195	602	-.310	.077	-.117	-.812	195	716	-.279	.054	-.098	-.486	195	844	.189	.074	.455	.007
195	603	-.332	.109	-.044	-1.021	195	717	-.321	.091	-.077	-.862	195	845	.201	.073	.590	-.002
195	604	-.300	.107	.028	-.884	195	718	-.287	.082	-.045	-.633	195	846	.128	.059	.396	-.052
195	605	-.259	.106	.120	-.743	195	719	-.312	.070	-.037	-.750	195	847	.146	.086	.540	-.150
195	606	-.273	.115	.073	-.805	195	720	-.459	.107	-.081	-1.008	195	848	.168	.149	.810	-.305
195	607	-.283	.069	-.089	-.868	195	721	-.250	.235	.914	-.827	195	849	.200	.074	.489	.000
195	608	-.293	.072	-.127	-.721	195	722	-.458	.126	-.052	-1.015	195	850	.157	.066	.489	-.025
195	609	-.327	.103	-.026	-.983	195	801	-.093	.031	.003	-.210	195	851	.331	.099	.772	.063
195	610	-.292	.095	.110	-.735	195	802	-.127	.032	-.017	-.243	195	852	-.027	.064	.265	-.235
195	611	-.262	.101	.097	-.741	195	803	-.113	.033	-.005	-.242	195	853	-.252	.065	-.090	-.516
195	612	-.284	.116	.079	-.840	195	804	-.118	.033	.041	-.227	195	854	-.273	.075	-.085	-.598
195	613	-.351	.065	-.172	-.619	195	805	-.085	.043	.125	-.230	195	855	-.244	.073	-.049	-.609
195	614	-.359	.064	-.182	-.627	195	806	-.090	.050	.126	-.276	195	856	-.211	.076	.071	-.592
195	615	-.372	.071	-.168	-.726	195	807	-.060	.059	.193	-.281	210	101	-.181	.060	.013	-.604
195	616	-.373	.073	-.130	-.678	195	808	-.153	.060	.051	-.390	210	102	-.182	.055	.002	-.456
195	617	-.325	.086	-.036	-.693	195	809	-.138	.046	.061	-.279	210	103	-.199	.063	-.029	-.606
195	618	-.340	.100	-.093	-.735	195	810	-.151	.049	.053	-.296	210	104	-.233	.090	-.036	-1.004
195	619	-.467	.086	-.176	-.820	195	811	-.223	.057	-.035	-.465	210	105	-.256	.075	-.042	-.644
195	620	-.477	.090	-.239	-.944	195	812	-.240	.054	-.080	-.451	210	106	-.278	.085	-.067	-.796
195	621	-.499	.106	-.177	-1.040	195	813	-.222	.056	-.083	-.447	210	107	-.203	.052	-.046	-.538
195	622	-.313	.118	.016	-.803	195	814	-.184	.051	-.016	-.398	210	108	-.171	.049	-.026	-.510
195	623	-.187	.064	.004	-.537	195	815	-.230	.072	.009	-.609	210	109	-.185	.055	-.037	-.644
195	624	-.196	.058	-.018	-.450	195	816	-.128	.044	.046	-.311	210	110	-.253	.078	-.071	-.752

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	111	-.287	.076	-.078	-.635	210	225	-.308	.062	-.112	-.574	210	333	-.032	.077	.219	-.429
210	112	-.276	.084	-.045	-.672	210	226	-.297	.057	-.131	-.520	210	334	-.027	.131	.289	-.946
210	113	-.234	.052	-.088	-.432	210	227	-.303	.056	-.158	-.562	210	335	-.076	.174	.321	-.878
210	114	-.233	.047	-.094	-.463	210	228	-.316	.056	-.165	-.550	210	336	-.168	.187	.270	-.991
210	115	-.227	.044	-.104	-.507	210	229	-.272	.071	-.079	-.546	210	401	.229	.139	.621	-.250
210	116	-.227	.048	-.081	-.430	210	230	-.263	.064	-.069	-.513	210	402	.190	.128	.588	-.294
210	117	-.265	.053	-.102	-.537	210	231	-.295	.066	-.094	-.552	210	403	.035	.098	.374	-.303
210	118	-.301	.062	-.116	-.569	210	232	-.331	.065	-.155	-.594	210	404	-.040	.097	.300	-.326
210	119	-.212	.048	-.065	-.414	210	233	-.313	.069	-.147	-.733	210	405	-.015	.073	.312	-.279
210	120	-.188	.047	-.026	-.389	210	234	-.310	.069	-.138	-.628	210	406	-.109	.074	.227	-.440
210	121	-.198	.050	-.057	-.470	210	235	-.329	.070	-.155	-.621	210	407	.334	.157	.820	-.122
210	122	-.237	.057	-.091	-.523	210	236	-.214	.075	-.003	-.586	210	408	.312	.161	.811	-.112
210	123	-.276	.063	-.114	-.550	210	237	-.191	.073	.063	-.520	210	409	.235	.116	.682	-.128
210	124	-.263	.065	-.060	-.515	210	238	-.271	.070	.022	-.590	210	410	.186	.110	.642	-.111
210	125	-.129	.050	.032	-.370	210	239	-.265	.065	-.088	-.572	210	411	.033	.085	.386	-.232
210	126	-.144	.045	.005	-.382	210	240	-.275	.063	-.090	-.606	210	412	-.168	.101	.190	-.600
210	127	-.196	.043	-.061	-.376	210	241	-.321	.072	-.112	-.655	210	413	.255	.157	.831	-.194
210	128	-.213	.052	-.062	-.432	210	242	-.338	.095	-.147	-.748	210	414	.358	.151	.832	-.062
210	129	-.256	.074	-.035	-.561	210	301	-.183	.038	-.035	-.313	210	415	.367	.136	.862	.029
210	130	-.282	.079	-.049	-.604	210	302	-.132	.041	.005	-.274	210	416	.241	.129	.720	-.079
210	131	-.141	.046	.036	-.356	210	303	-.102	.054	.086	-.315	210	417	.052	.112	.471	-.265
210	132	-.116	.048	.061	-.335	210	304	-.106	.067	.137	-.749	210	418	-.111	.148	.311	-.588
210	133	-.151	.061	.049	-.408	210	305	-.325	.280	.200	-1.304	210	419	.156	.157	.969	-.276
210	134	-.205	.069	.005	-.545	210	306	-.405	.243	.332	-1.341	210	420	.194	.151	.967	-.230
210	135	-.281	.084	-.070	-.734	210	307	-.188	.042	-.050	-.414	210	421	.303	.115	.726	.037
210	136	-.258	.082	-.031	-.733	210	308	-.122	.039	.040	-.267	210	422	.256	.098	.622	.020
210	201	-.307	.109	-.007	-.932	210	309	-.028	.053	.200	-.464	210	423	.070	.098	.449	-.205
210	202	-.309	.113	.017	-.925	210	310	-.015	.076	.238	-.789	210	424	-.131	.140	.370	-.611
210	203	-.339	.117	-.028	-.881	210	311	-.304	.294	.383	-1.549	210	425	.072	.118	.483	-.230
210	204	-.271	.066	-.060	-.632	210	312	-.332	.252	.538	-1.270	210	426	.133	.107	.630	-.119
210	205	-.268	.052	-.112	-.540	210	313	-.215	.040	-.061	-.360	210	427	.188	.095	.598	-.020
210	206	-.257	.048	-.118	-.571	210	314	-.158	.040	-.014	-.321	210	428	.133	.097	.511	-.073
210	207	-.264	.047	-.124	-.540	210	315	-.039	.072	.223	-.760	210	429	.113	.089	.449	-.133
210	208	-.311	.106	-.025	-.776	210	316	-.008	.152	.322	-.848	210	430	.036	.117	.410	-.356
210	209	-.299	.091	-.042	-.676	210	317	-.229	.252	.513	-1.124	210	431	.009	.078	.330	-.332
210	210	-.314	.102	-.071	-.771	210	318	-.249	.220	.557	-.996	210	432	-.008	.065	.307	-.199
210	211	-.287	.060	-.111	-.513	210	319	-.241	.047	-.076	-.389	210	433	.206	.072	.473	.020
210	212	-.278	.047	-.131	-.473	210	320	-.172	.048	-.035	-.481	210	434	.243	.083	.516	.044
210	213	-.246	.041	-.121	-.401	210	321	-.060	.084	.200	-.626	210	435	.243	.086	.574	.046
210	214	-.239	.043	-.119	-.434	210	322	-.079	.176	.362	-1.057	210	436	.189	.093	.532	-.037
210	215	-.322	.072	-.058	-.582	210	323	-.256	.225	.564	-.985	210	501	-.378	.133	.006	-.904
210	216	-.323	.066	-.143	-.587	210	324	-.249	.193	.569	-.956	210	502	-.268	.097	.073	-.673
210	217	-.279	.052	-.119	-.496	210	325	-.247	.056	-.054	-.571	210	503	-.136	.052	.057	-.366
210	218	-.285	.051	-.128	-.522	210	326	-.180	.047	-.039	-.422	210	504	-.145	.051	.045	-.331
210	219	-.281	.045	-.158	-.444	210	327	-.064	.073	.133	-.500	210	505	-.154	.044	.023	-.304
210	220	-.279	.044	-.158	-.446	210	328	-.072	.125	.221	-.660	210	506	-.181	.043	-.023	-.329
210	221	-.258	.044	-.133	-.425	210	329	-.205	.166	.299	-.808	210	507	-.225	.047	-.064	-.390
210	222	-.287	.065	-.078	-.690	210	330	-.239	.158	.336	-.864	210	508	-.374	.175	.175	-1.051
210	223	-.301	.064	-.094	-.675	210	331	-.196	.053	.019	-.398	210	509	-.340	.164	.135	-1.180
210	224	-.323	.062	-.121	-.589	210	332	-.125	.049	.068	-.282	210	510	-.072	.052	.161	-.252

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
210	511	-.078	.049	.143	-.230	210	615	-.324	.061	-.160	-.608	210	807	-.064	.061	.201	-.323
210	512	-.104	.045	.083	-.269	210	616	-.320	.062	-.156	-.652	210	808	-.188	.070	.063	-.421
210	513	-.250	.041	-.120	-.418	210	617	-.281	.064	-.092	-.507	210	809	-.214	.042	-.054	-.352
210	514	-.217	.045	-.055	-.359	210	618	-.288	.072	-.110	-.612	210	810	-.225	.042	-.075	-.379
210	515	-.313	.209	.243	-1.013	210	619	-.401	.071	-.193	-.714	210	811	-.275	.060	-.101	-.527
210	516	-.313	.204	.225	-.906	210	620	-.410	.081	-.209	-.783	210	812	-.278	.055	-.117	-.492
210	517	-.075	.071	.172	-.392	210	621	-.428	.094	-.102	-.771	210	813	-.271	.062	-.111	-.540
210	518	-.008	.058	.210	-.204	210	622	-.281	.092	-.057	-.662	210	814	-.204	.049	-.070	-.401
210	519	-.069	.047	.138	-.225	210	623	-.212	.056	-.056	-.439	210	815	-.235	.069	-.050	-.638
210	520	-.224	.043	-.088	-.395	210	624	-.210	.053	-.028	-.434	210	816	-.113	.038	.049	-.265
210	521	-.390	.055	-.240	-.663	210	625	-.549	.129	-.194	-1.127	210	817	.013	.063	.353	-.199
210	522	-.205	.173	.225	-.846	210	626	-.576	.133	-.247	-1.131	210	818	-.021	.062	.207	-.291
210	523	-.189	.186	.272	-.835	210	627	-.140	.062	.084	-.497	210	819	-.135	.132	.201	-.863
210	524	.040	.060	.273	-.164	210	628	-.170	.046	-.023	-.381	210	820	-.244	.049	-.107	-.426
210	525	-.059	.049	.148	-.180	210	629	-.154	.050	-.011	-.384	210	821	-.259	.046	-.121	-.416
210	526	-.051	.038	.093	-.199	210	630	-.151	.055	.001	-.392	210	822	-.073	.108	.310	-.415
210	527	-.248	.046	-.101	-.410	210	631	-.162	.046	-.034	-.364	210	823	.247	.100	.623	.028
210	528	-.363	.065	-.188	-.615	210	632	-.140	.034	-.023	-.292	210	824	.301	.103	.834	.073
210	529	-.096	.150	.287	-.681	210	633	-.143	.034	-.026	-.277	210	825	.031	.069	.328	-.241
210	530	-.006	.131	.329	-.610	210	634	-.158	.037	-.035	-.330	210	826	.244	.088	.659	.016
210	531	.091	.071	.405	-.133	210	635	-.156	.042	-.044	-.360	210	827	.257	.086	.598	.061
210	532	.073	.053	.325	-.051	210	636	-.160	.046	-.023	-.374	210	828	.271	.101	.743	.004
210	533	-.043	.047	.185	-.183	210	701	-.813	.215	-.361	-1.685	210	829	.067	.120	.526	-.446
210	534	-.143	.044	.008	-.357	210	702	-.409	.185	.012	-.999	210	830	.117	.078	.428	-.077
210	535	-.326	.076	-.101	-.716	210	703	-.608	.137	-.033	-1.053	210	831	.075	.065	.361	-.138
210	536	.117	.093	.547	-.186	210	704	-.415	.092	-.054	-.882	210	832	.130	.071	.394	-.065
210	537	.001	.126	.498	-.872	210	705	-.342	.082	-.134	-.769	210	833	.148	.066	.496	-.010
210	538	.112	.058	.325	-.072	210	706	-.323	.108	-.023	-.932	210	834	.060	.042	.262	-.124
210	539	.091	.058	.294	-.067	210	707	-.301	.081	-.045	-.682	210	835	-.140	.051	.049	-.362
210	540	-.106	.033	.042	-.217	210	708	-.156	.075	.111	-.453	210	836	-.149	.048	.036	-.342
210	541	.254	.084	.601	.014	210	709	-.167	.075	.050	-.425	210	837	-.097	.040	.040	-.244
210	542	.244	.087	.617	.013	210	710	-.105	.081	.252	-.396	210	838	-.100	.031	.016	-.212
210	543	.248	.091	.674	.025	210	711	-.056	.072	.273	-.324	210	839	-.135	.036	-.008	-.283
210	544	-.143	.033	-.042	-.245	210	712	-.003	.092	.338	-.296	210	840	-.141	.032	-.043	-.258
210	545	-.141	.034	-.030	-.286	210	713	-.177	.096	.198	-.519	210	841	-.126	.031	-.027	-.244
210	546	-.230	.038	-.115	-.371	210	714	-.300	.071	-.025	-.570	210	842	-.129	.028	-.035	-.260
210	601	-.255	.061	-.065	-.502	210	715	.086	.077	.360	-.192	210	843	.127	.061	.371	-.052
210	602	-.261	.059	-.059	-.515	210	716	-.322	.063	-.128	-.562	210	844	.149	.071	.483	-.065
210	603	-.271	.077	-.049	-.661	210	717	-.516	.148	-.110	-.942	210	845	.168	.078	.469	-.054
210	604	-.257	.079	.011	-.773	210	718	-.211	.043	-.039	-.477	210	846	.077	.058	.290	-.124
210	605	-.257	.095	.039	-.808	210	719	-.270	.057	-.078	-.511	210	847	.057	.080	.414	-.282
210	606	-.269	.099	.001	-.863	210	720	-.373	.089	-.120	-.889	210	848	.032	.143	.566	-.404
210	607	-.241	.055	-.063	-.485	210	721	-.347	.136	.367	-.766	210	849	.116	.060	.370	-.034
210	608	-.241	.052	-.076	-.667	210	722	-.380	.097	-.110	-.836	210	850	.088	.060	.340	-.159
210	609	-.258	.064	-.075	-.653	210	801	-.099	.031	.003	-.204	210	851	.271	.098	.738	.049
210	610	-.249	.064	-.028	-.631	210	802	-.134	.032	-.032	-.243	210	852	.082	.080	.427	-.137
210	611	-.243	.075	.016	-.666	210	803	-.122	.033	-.020	-.274	210	853	-.227	.069	.023	-.488
210	612	-.267	.088	-.045	-.720	210	804	-.131	.038	-.008	-.379	210	854	-.260	.073	.006	-.549
210	613	-.302	.056	-.142	-.569	210	805	-.130	.042	.050	-.315	210	855	-.184	.061	.029	-.431
210	614	-.308	.055	-.151	-.571	210	806	-.134	.052	.074	-.387	210	856	-.126	.080	.199	-.389

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	101	-.138	.041	-.004	-.357	225	215	-.263	.078	.005	-.579	225	323	.186	.178	.662	-.554
225	102	-.150	.042	-.017	-.349	225	216	-.269	.071	-.054	-.597	225	324	.156	.211	.744	-.790
225	103	-.188	.054	-.027	-.692	225	217	-.320	.099	-.036	-.736	225	325	-.451	.088	-.208	-.745
225	104	-.217	.062	-.034	-.662	225	218	-.490	.110	-.094	-.851	225	326	-.275	.062	-.081	-.489
225	105	-.305	.084	-.050	-.667	225	219	-.566	.097	-.277	-.993	225	327	.012	.058	.253	-.142
225	106	-.339	.099	-.077	-.763	225	220	-.521	.082	-.275	-.867	225	328	.099	.076	.398	-.135
225	107	-.159	.039	-.047	-.378	225	221	-.490	.081	-.223	-.847	225	329	.108	.137	.523	-.536
225	108	-.135	.038	-.022	-.358	225	222	-.249	.070	-.026	-.519	225	330	.084	.165	.574	-.602
225	109	-.165	.046	-.040	-.369	225	223	-.247	.078	.067	-.631	225	331	-.349	.072	-.079	-.649
225	110	-.236	.063	-.065	-.494	225	224	-.326	.103	.002	-.766	225	332	-.194	.051	-.012	-.375
225	111	-.337	.097	-.091	-.778	225	225	-.484	.123	-.082	-1.082	225	333	.028	.059	.274	-.134
225	112	-.324	.108	-.060	-.878	225	226	-.554	.106	-.149	-.861	225	334	.103	.069	.365	-.088
225	113	-.157	.039	-.052	-.336	225	227	-.534	.101	-.299	-1.182	225	335	.136	.078	.366	-.169
225	114	-.164	.040	-.055	-.339	225	228	-.543	.100	-.314	-1.129	225	336	.122	.089	.366	-.439
225	115	-.179	.044	-.029	-.425	225	229	-.284	.067	-.101	-.581	225	401	.165	.134	.739	-.518
225	116	-.183	.052	-.022	-.458	225	230	-.255	.050	-.101	-.444	225	402	.071	.116	.536	-.405
225	117	-.255	.076	-.086	-.597	225	231	-.224	.055	-.030	-.506	225	403	-.043	.080	.231	-.350
225	118	-.295	.090	-.085	-.691	225	232	-.303	.096	-.079	-.705	225	404	-.041	.070	.257	-.287
225	119	-.140	.033	-.037	-.312	225	233	-.594	.155	.014	-1.182	225	405	-.085	.058	.132	-.270
225	120	-.116	.033	-.012	-.288	225	234	-.674	.143	-.340	-1.296	225	406	-.192	.068	.027	-.433
225	121	-.136	.040	-.011	-.430	225	235	-.686	.142	-.344	-1.310	225	407	.357	.146	.783	-.117
225	122	-.190	.054	-.020	-.506	225	236	-.205	.062	.014	-.427	225	408	.322	.138	.734	-.059
225	123	-.275	.081	-.042	-.609	225	237	-.174	.054	.030	-.403	225	409	.155	.098	.508	-.109
225	124	-.269	.087	-.041	-.633	225	238	-.235	.064	-.019	-.584	225	410	.104	.087	.428	-.143
225	125	-.094	.036	.020	-.278	225	239	-.252	.070	-.031	-.559	225	411	-.093	.067	.136	-.338
225	126	-.110	.033	.012	-.269	225	240	-.279	.064	-.094	-.582	225	412	-.241	.090	.024	-.575
225	127	-.155	.036	-.022	-.295	225	241	-.556	.142	-.157	-1.239	225	413	.372	.149	.915	-.119
225	128	-.182	.045	-.015	-.377	225	242	-.696	.154	-.257	-1.420	225	414	.378	.140	.910	-.153
225	129	-.314	.086	-.111	-.636	225	301	-.311	.067	-.047	-.509	225	415	.265	.106	.684	.005
225	130	-.333	.085	-.120	-.656	225	302	-.172	.062	.143	-.351	225	416	.153	.087	.528	-.032
225	131	-.122	.037	.022	-.265	225	303	-.066	.074	.214	-.317	225	417	-.165	.080	.130	-.414
225	132	-.096	.039	.062	-.240	225	304	-.037	.078	.228	-.301	225	418	-.360	.109	-.020	-.707
225	133	-.126	.044	.001	-.340	225	305	.008	.115	.426	-.984	225	419	.301	.144	.888	-.173
225	134	-.182	.049	-.037	-.387	225	306	.134	.208	.625	-.971	225	420	.318	.133	.861	-.159
225	135	-.251	.056	-.088	-.511	225	307	-.315	.069	-.111	-.603	225	421	.252	.098	.652	.023
225	136	-.231	.055	-.060	-.482	225	308	-.163	.063	.071	-.358	225	422	.155	.082	.497	-.052
225	201	-.318	.096	-.078	-.694	225	309	.046	.082	.331	-.158	225	423	-.129	.081	.134	-.401
225	202	-.306	.089	-.064	-.710	225	310	.104	.092	.401	-.125	225	424	-.300	.109	.039	-.732
225	203	-.327	.093	-.105	-.878	225	311	.225	.160	.662	-.438	225	425	.203	.116	.586	-.231
225	204	-.445	.116	-.145	-.891	225	312	.210	.213	.817	-.630	225	426	.211	.102	.593	-.148
225	205	-.592	.135	-.220	-1.067	225	313	-.331	.059	-.131	-.554	225	427	.174	.074	.525	-.007
225	206	-.576	.114	-.263	-1.021	225	314	-.195	.056	.055	-.373	225	428	.123	.067	.477	-.030
225	207	-.635	.138	-.285	-1.397	225	315	.073	.081	.444	-.121	225	429	-.022	.078	.271	-.377
225	208	-.309	.085	-.074	-.653	225	316	.194	.103	.572	-.061	225	430	-.164	.118	.225	-.719
225	209	-.316	.079	-.105	-.650	225	317	.259	.201	.759	-.462	225	431	.138	.075	.474	-.049
225	210	-.324	.093	-.074	-.665	225	318	.245	.227	.815	-.506	225	432	.133	.072	.443	-.035
225	211	-.458	.126	-.130	-.883	225	319	-.350	.073	-.135	-.610	225	433	.199	.068	.437	.015
225	212	-.538	.101	-.250	-.879	225	320	-.211	.061	.064	-.485	225	434	.190	.071	.472	.012
225	213	-.579	.128	-.283	-1.110	225	321	.039	.072	.354	-.144	225	435	.168	.073	.482	-.015
225	214	-.590	.142	-.265	-1.207	225	322	.141	.090	.529	-.120	225	436	.148	.074	.470	-.027

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	501	-.481	.133	-.155	-1.076	225	605	-.138	.041	.011	-.469	225	719	-.207	.050	-.012	-.399
225	502	-.292	.082	-.018	-.722	225	606	-.139	.041	-.011	-.478	225	720	-.264	.063	-.049	-.559
225	503	-.170	.078	.036	-.502	225	607	-.137	.036	-.019	-.305	225	721	-.104	.147	.303	-.698
225	504	-.138	.050	.006	-.373	225	608	-.141	.038	-.018	-.308	225	722	-.318	.091	-.062	-.616
225	505	-.143	.039	-.018	-.301	225	609	-.143	.040	-.025	-.348	225	801	-.083	.027	.003	-.171
225	506	-.128	.039	-.003	-.283	225	610	-.137	.039	-.027	-.344	225	802	-.117	.026	-.026	-.212
225	507	-.144	.041	-.001	-.304	225	611	-.141	.039	-.010	-.333	225	803	-.107	.027	-.012	-.214
225	508	-.550	.179	-.151	-1.104	225	612	-.142	.039	-.029	-.318	225	804	-.116	.029	-.015	-.228
225	509	-.474	.163	-.105	-1.143	225	613	-.150	.036	-.027	-.305	225	805	-.114	.031	.010	-.237
225	510	-.143	.058	.025	-.394	225	614	-.150	.036	-.025	-.287	225	806	-.114	.039	.020	-.253
225	511	-.119	.040	.037	-.304	225	615	-.157	.038	-.024	-.303	225	807	-.073	.051	.106	-.235
225	512	-.126	.033	-.007	-.268	225	616	-.165	.034	-.062	-.292	225	808	-.181	.049	.018	-.361
225	513	-.145	.032	-.049	-.252	225	617	-.179	.043	-.061	-.462	225	809	-.197	.036	-.066	-.311
225	514	-.148	.036	-.033	-.326	225	618	-.181	.044	-.044	-.490	225	810	-.208	.038	-.046	-.336
225	515	-.508	.129	-.152	-1.034	225	619	-.206	.043	-.062	-.371	225	811	-.241	.048	-.100	-.468
225	516	-.534	.144	-.032	-1.158	225	620	-.218	.045	-.084	-.412	225	812	-.239	.046	-.115	-.428
225	517	-.159	.088	.051	-.666	225	621	-.225	.048	-.090	-.411	225	813	-.236	.056	-.059	-.473
225	518	-.073	.034	.059	-.272	225	622	-.205	.047	-.072	-.433	225	814	-.200	.046	-.066	-.475
225	519	-.088	.028	.040	-.200	225	623	-.148	.039	-.029	-.315	225	815	-.275	.076	-.079	-.572
225	520	-.146	.028	-.039	-.236	225	624	-.141	.038	-.034	-.334	225	816	-.108	.038	.059	-.254
225	521	-.185	.033	-.079	-.287	225	625	-.301	.065	-.129	-.611	225	817	.051	.071	.359	-.176
225	522	-.444	.131	.037	-1.077	225	626	-.303	.065	-.119	-.603	225	818	.038	.071	.392	-.119
225	523	-.450	.141	.074	-1.063	225	627	-.189	.067	.020	-.418	225	819	.073	.089	.407	-.236
225	524	-.122	.097	.095	-.749	225	628	-.127	.033	-.008	-.252	225	820	-.272	.060	-.094	-.538
225	525	-.070	.037	.093	-.270	225	629	-.109	.031	-.011	-.213	225	821	-.253	.055	-.064	-.494
225	526	-.071	.029	.047	-.194	225	630	-.106	.034	-.001	-.223	225	822	.069	.080	.362	-.139
225	527	-.163	.032	-.062	-.284	225	631	-.141	.037	-.022	-.308	225	823	.235	.088	.705	.030
225	528	-.217	.039	-.090	-.377	225	632	-.128	.030	-.022	-.240	225	824	.217	.093	.663	.018
225	529	-.334	.163	.083	-.962	225	633	-.128	.028	-.035	-.230	225	825	.126	.080	.511	-.178
225	530	-.220	.149	.167	-1.040	225	634	-.133	.031	-.039	-.313	225	826	.203	.087	.616	.032
225	531	-.042	.081	.183	-.418	225	635	-.126	.033	-.012	-.270	225	827	.207	.071	.528	.024
225	532	.013	.043	.163	-.197	225	636	-.129	.037	.006	-.273	225	828	.272	.112	.732	-.006
225	533	-.001	.039	.117	-.123	225	701	-1.287	.340	-.423	-2.433	225	829	-.101	.114	.326	-.427
225	534	-.091	.033	.035	-.243	225	702	-.144	.089	.061	-.789	225	830	.068	.053	.350	-.097
225	535	-.210	.043	-.082	-.465	225	703	-.224	.184	.091	-1.102	225	831	.057	.047	.271	-.112
225	536	-.024	.065	.263	-.265	225	704	-.415	.101	-.101	-.793	225	832	.049	.057	.300	-.099
225	537	-.145	.111	.320	-.566	225	705	-.266	.059	-.072	-.471	225	833	.089	.051	.340	-.040
225	538	.048	.048	.257	-.097	225	706	-.200	.067	.033	-.669	225	834	.047	.036	.194	-.068
225	539	.066	.051	.287	-.072	225	707	-.163	.081	.138	-.521	225	835	-.112	.042	.026	-.307
225	540	-.078	.031	.054	-.195	225	708	-.042	.069	.242	-.278	225	836	-.121	.040	-.008	-.306
225	541	.162	.069	.423	.009	225	709	-.050	.065	.194	-.249	225	837	-.071	.035	.048	-.263
225	542	.178	.079	.559	-.024	225	710	.026	.083	.311	-.178	225	838	-.081	.026	.003	-.197
225	543	.186	.082	.613	-.017	225	711	-.087	.072	.252	-.422	225	839	-.121	.031	-.012	-.235
225	544	-.136	.030	-.030	-.237	225	712	.014	.084	.334	-.277	225	840	-.115	.025	-.025	-.204
225	545	-.123	.027	-.018	-.240	225	713	-.142	.111	.216	-.573	225	841	-.105	.029	-.016	-.214
225	546	-.151	.032	-.030	-.265	225	714	-.425	.075	-.201	-.750	225	842	-.106	.025	-.019	-.202
225	601	-.145	.045	-.018	-.358	225	715	.091	.081	.464	-.171	225	843	.078	.048	.265	-.079
225	602	-.143	.043	-.027	-.341	225	716	-.317	.065	-.116	-.546	225	844	.129	.061	.381	-.058
225	603	-.142	.048	.009	-.467	225	717	-.493	.103	-.150	-.838	225	845	.148	.079	.533	-.028
225	604	-.135	.039	-.013	-.377	225	718	-.212	.042	-.079	-.346	225	846	.028	.051	.233	-.185

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
225	847	-.044	.083	.201	-.366	240	205	-.384	.153	-.039	-1.023	240	313	-.227	.076	.055	-.539
225	848	-.159	.114	.279	-.642	240	206	-.452	.133	-.076	-1.021	240	314	-.045	.077	.267	-.266
225	849	.038	.048	.228	-.145	240	207	-.740	.181	-.237	-1.344	240	315	.251	.109	.772	-.004
225	850	.041	.044	.186	-.092	240	208	-.252	.084	-.048	-.650	240	316	.348	.129	.884	.047
225	851	.195	.079	.512	.002	240	209	-.212	.059	-.046	-.518	240	317	.403	.146	.945	-.027
225	852	.168	.078	.489	-.041	240	210	-.147	.046	-.007	-.324	240	318	.360	.144	.823	-.159
225	853	-.348	.091	-.090	-.694	240	211	-.216	.072	-.048	-.493	240	319	-.209	.080	.056	-.452
225	854	-.284	.074	.005	-.681	240	212	-.336	.123	-.067	-.795	240	320	-.064	.077	.219	-.351
225	855	-.205	.049	-.029	-.361	240	213	-.695	.203	-.223	-1.495	240	321	.183	.096	.557	-.064
225	856	-.094	.061	.197	-.304	240	214	-.681	.192	-.222	-1.450	240	322	.263	.111	.703	.018
240	101	-.122	.045	.040	-.363	240	215	-.261	.088	-.064	-.640	240	323	.316	.128	.796	.025
240	102	-.136	.046	.050	-.343	240	216	-.254	.068	-.067	-.563	240	324	.299	.132	.830	-.054
240	103	-.197	.062	-.025	-.447	240	217	-.159	.061	.002	-.515	240	325	-.234	.107	.085	-.646
240	104	-.241	.103	-.015	-.815	240	218	-.210	.109	.044	-.716	240	326	-.080	.084	.270	-.355
240	105	-.321	.115	-.053	-.857	240	219	-.433	.156	-.030	-.981	240	327	.141	.084	.552	-.079
240	106	-.386	.144	-.078	-1.046	240	220	-.519	.110	-.215	-.920	240	328	.184	.088	.624	-.046
240	107	-.146	.041	-.002	-.321	240	221	-.477	.107	-.175	-.860	240	329	.191	.097	.600	-.094
240	108	-.120	.041	.026	-.271	240	222	-.258	.068	-.086	-.539	240	330	.161	.106	.564	-.220
240	109	-.190	.063	.003	-.450	240	223	-.226	.057	-.040	-.528	240	331	-.135	.095	.129	-.532
240	110	-.266	.086	-.028	-.640	240	224	-.162	.058	.047	-.592	240	332	-.037	.065	.216	-.252
240	111	-.371	.119	-.042	-.827	240	225	-.170	.110	.064	-.915	240	333	.113	.059	.398	-.049
240	112	-.354	.130	-.024	-.827	240	226	-.410	.185	-.014	-1.021	240	334	.146	.063	.385	-.012
240	113	-.124	.042	.013	-.319	240	227	-.543	.147	-.133	-1.253	240	335	.128	.063	.395	-.091
240	114	-.132	.041	.005	-.298	240	228	-.550	.145	-.146	-1.155	240	336	.125	.071	.481	-.108
240	115	-.183	.052	-.015	-.417	240	229	-.309	.079	-.110	-.609	240	401	-.208	.214	.344	-.886
240	116	-.218	.069	-.024	-.527	240	230	-.241	.056	-.084	-.428	240	402	-.169	.188	.253	-.936
240	117	-.293	.103	-.074	-.706	240	231	-.147	.038	.060	-.280	240	403	-.099	.057	.141	-.280
240	118	-.310	.110	-.083	-.751	240	232	-.135	.053	.022	-.474	240	404	-.069	.048	.114	-.233
240	119	-.132	.041	-.005	-.348	240	233	-.240	.172	.100	-1.009	240	405	-.173	.044	-.006	-.316
240	120	-.106	.040	.038	-.319	240	234	-.534	.171	-.074	-1.406	240	406	-.298	.067	-.112	-.531
240	121	-.154	.055	.020	-.416	240	235	-.545	.169	-.080	-1.411	240	407	-.113	.221	.512	-.656
240	122	-.229	.069	-.033	-.533	240	236	-.226	.055	-.077	-.439	240	408	-.064	.237	.475	-.721
240	123	-.322	.092	-.094	-.693	240	237	-.178	.043	-.062	-.350	240	409	.032	.070	.277	-.331
240	124	-.299	.096	-.101	-.721	240	238	-.129	.040	.013	-.332	240	410	-.007	.062	.249	-.188
240	125	-.079	.037	.035	-.246	240	239	-.095	.045	.096	-.345	240	411	-.217	.052	-.034	-.407
240	126	-.095	.038	.013	-.245	240	240	-.116	.079	.073	-.452	240	412	-.361	.078	-.129	-.626
240	127	-.131	.039	-.015	-.331	240	241	-.220	.132	.106	-.861	240	413	-.004	.241	.736	-.838
240	128	-.197	.058	-.039	-.489	240	242	-.462	.199	-.010	-1.313	240	414	.015	.257	.658	-.824
240	129	-.373	.095	-.145	-.772	240	301	-.197	.075	.050	-.509	240	415	.110	.081	.371	-.321
240	130	-.387	.096	-.160	-.776	240	302	-.035	.072	.233	-.232	240	416	.016	.058	.221	-.160
240	131	-.117	.033	-.007	-.267	240	303	.053	.086	.482	-.210	240	417	-.262	.056	-.062	-.497
240	132	-.102	.033	.009	-.242	240	304	.105	.104	.494	-.230	240	418	-.399	.077	-.171	-.760
240	133	-.111	.035	-.004	-.258	240	305	.206	.130	.669	-.161	240	419	-.039	.209	.560	-.790
240	134	-.170	.044	-.035	-.403	240	306	.331	.146	.899	-.068	240	420	-.014	.215	.556	-.835
240	135	-.250	.054	-.089	-.489	240	307	-.217	.084	.039	-.512	240	421	.081	.079	.349	-.379
240	136	-.265	.061	-.099	-.650	240	308	-.019	.078	.270	-.267	240	422	-.001	.054	.249	-.183
240	201	-.246	.081	-.071	-.761	240	309	.201	.106	.610	-.071	240	423	-.269	.067	-.048	-.531
240	202	-.192	.061	-.039	-.626	240	310	.261	.117	.691	-.031	240	424	-.414	.094	-.179	-.797
240	203	-.156	.045	-.039	-.435	240	311	.394	.143	.913	-.002	240	425	-.041	.155	.489	-.655
240	204	-.227	.072	-.041	-.568	240	312	.388	.149	.923	-.088	240	426	-.012	.154	.443	-.626

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	427	.051	.062	.280	-.235	240	541	.064	.060	.359	-.126	240	709	.058	.062	.294	-.177
240	428	.020	.044	.249	-.122	240	542	.048	.060	.364	-.103	240	710	.124	.072	.373	-.106
240	429	-.165	.063	.058	-.441	240	543	.059	.065	.451	-.088	240	711	-.115	.066	.083	-.392
240	430	-.322	.106	-.044	-.826	240	544	-.104	.028	-.015	-.197	240	712	-.053	.068	.192	-.275
240	431	.032	.106	.371	-.727	240	545	-.103	.025	-.018	-.197	240	713	-.045	.068	.206	-.365
240	432	.057	.095	.359	-.547	240	546	-.088	.028	.014	-.183	240	714	-.357	.076	-.112	-.861
240	433	.104	.073	.417	-.199	240	601	-.117	.034	-.013	-.248	240	715	-.039	.158	.499	-.532
240	434	.081	.060	.326	-.105	240	602	-.112	.033	-.008	-.263	240	716	-.290	.068	-.096	-.643
240	435	.055	.057	.302	-.093	240	603	-.103	.034	-.005	-.226	240	717	-.294	.133	-.046	-.871
240	436	.054	.055	.304	-.088	240	604	-.116	.033	.018	-.238	240	718	-.175	.040	-.026	-.331
240	501	-.561	.131	-.212	-1.008	240	605	-.115	.033	.006	-.258	240	719	-.130	.043	-.022	-.383
240	502	-.373	.086	-.140	-.673	240	606	-.116	.034	-.015	-.284	240	720	-.200	.045	-.025	-.349
240	503	-.343	.106	-.064	-.781	240	607	-.103	.032	.011	-.221	240	721	.037	.061	.244	-.303
240	504	-.191	.066	-.015	-.437	240	608	-.111	.033	-.006	-.240	240	722	-.203	.040	-.085	-.367
240	505	-.134	.048	-.001	-.330	240	609	-.113	.033	-.008	-.231	240	801	-.066	.026	.017	-.185
240	506	-.111	.039	.023	-.301	240	610	-.111	.032	-.015	-.225	240	802	-.095	.025	-.016	-.190
240	507	-.113	.035	.010	-.253	240	611	-.103	.034	.006	-.235	240	803	-.086	.028	.002	-.198
240	508	-.614	.143	-.221	-1.149	240	612	-.120	.035	.018	-.337	240	804	-.085	.028	.016	-.231
240	509	-.624	.155	-.245	-1.141	240	613	-.122	.038	-.013	-.344	240	805	-.101	.031	-.007	-.230
240	510	-.264	.074	-.064	-.557	240	614	-.120	.037	-.011	-.342	240	806	-.134	.039	-.009	-.297
240	511	-.179	.060	-.037	-.439	240	615	-.116	.036	-.018	-.302	240	807	-.093	.047	.071	-.259
240	512	-.140	.047	-.031	-.385	240	616	-.117	.033	-.015	-.264	240	808	-.063	.050	.152	-.250
240	513	-.110	.032	-.007	-.248	240	617	-.122	.034	-.015	-.315	240	809	-.125	.038	.024	-.318
240	514	-.125	.034	-.011	-.266	240	618	-.124	.035	-.018	-.305	240	810	-.136	.035	-.009	-.261
240	515	-.464	.099	-.243	-.933	240	619	-.142	.049	-.019	-.367	240	811	-.168	.039	-.053	-.331
240	516	-.488	.100	-.239	-1.127	240	620	-.155	.050	-.013	-.388	240	812	-.174	.036	-.064	-.314
240	517	-.353	.127	-.067	-.780	240	621	-.161	.047	-.034	-.358	240	813	-.172	.040	-.052	-.370
240	518	-.177	.074	-.009	-.552	240	622	-.138	.037	-.032	-.288	240	814	-.148	.038	-.030	-.295
240	519	-.116	.041	.027	-.380	240	623	-.102	.031	.039	-.235	240	815	-.209	.070	-.010	-.573
240	520	-.121	.035	.012	-.266	240	624	-.116	.033	.001	-.273	240	816	-.037	.039	.129	-.177
240	521	-.120	.036	-.003	-.269	240	625	-.249	.088	-.066	-.721	240	817	.076	.061	.406	-.085
240	522	-.501	.112	-.240	-.939	240	626	-.243	.084	-.055	-.648	240	818	.131	.076	.438	-.068
240	523	-.510	.116	-.239	-1.082	240	627	-.129	.049	.050	-.321	240	819	.094	.067	.399	-.158
240	524	-.296	.133	-.048	-.866	240	628	-.109	.032	.006	-.224	240	820	-.103	.071	.181	-.380
240	525	-.121	.059	.038	-.438	240	629	-.096	.031	.025	-.219	240	821	-.099	.058	.112	-.287
240	526	-.097	.032	.018	-.230	240	630	-.093	.034	.034	-.232	240	822	.176	.097	.655	-.016
240	527	-.136	.036	-.039	-.261	240	631	-.114	.034	-.008	-.307	240	823	.117	.080	.427	-.120
240	528	-.162	.043	-.045	-.335	240	632	-.098	.028	.008	-.224	240	824	.102	.065	.407	-.114
240	529	-.443	.164	-.107	-1.047	240	633	-.104	.026	-.010	-.234	240	825	.052	.082	.352	-.299
240	530	-.384	.127	-.076	-.939	240	634	-.108	.027	-.011	-.216	240	826	.074	.057	.294	-.068
240	531	-.194	.080	.024	-.548	240	635	-.109	.030	-.019	-.226	240	827	.098	.062	.397	-.073
240	532	-.075	.046	.060	-.325	240	636	-.111	.032	-.006	-.233	240	828	.192	.098	.578	-.114
240	533	-.023	.039	.116	-.167	240	701	-.864	.246	-.169	-1.911	240	829	-.207	.114	.126	-.724
240	534	-.078	.037	.049	-.218	240	702	-.370	.176	.022	-.916	240	830	.006	.046	.215	-.171
240	535	-.169	.050	-.034	-.422	240	703	-.128	.088	.069	-.725	240	831	.030	.043	.223	-.121
240	536	-.118	.059	.077	-.431	240	704	-.172	.120	.148	-.569	240	832	-.023	.043	.176	-.199
240	537	-.254	.092	.038	-.897	240	705	-.232	.050	-.041	-.426	240	833	.024	.038	.188	-.080
240	538	-.086	.070	.087	-.369	240	706	-.155	.055	.064	-.361	240	834	.019	.036	.186	-.082
240	539	.000	.048	.188	-.171	240	707	-.059	.050	.148	-.235	240	835	-.088	.033	.014	-.233
240	540	-.052	.033	.086	-.182	240	708	.016	.053	.199	-.195	240	836	-.097	.032	.013	-.248

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
240	837	-.060	.032	.062	-.173	255	131	-.113	.039	.024	-.345	255	303	.155	.098	.500	-.219
240	838	-.068	.027	.018	-.156	255	132	-.143	.043	-.005	-.392	255	304	.196	.109	.603	-.119
240	839	-.089	.029	.008	-.206	255	133	-.120	.047	.022	-.362	255	305	.220	.117	.608	-.098
240	840	-.098	.025	-.015	-.182	255	134	-.165	.052	.012	-.425	255	306	.201	.122	.722	-.148
240	841	-.087	.028	-.004	-.216	255	135	-.242	.060	-.082	-.524	255	307	-.006	.091	.337	-.304
240	842	-.090	.024	-.012	-.170	255	136	-.345	.072	-.143	-.604	255	308	.156	.104	.559	-.143
240	843	-.006	.044	.166	-.143	255	201	-.226	.057	-.077	-.452	255	309	.298	.119	.738	-.078
240	844	.060	.059	.277	-.121	255	202	-.173	.044	-.004	-.328	255	310	.334	.125	.768	.008
240	845	.074	.080	.364	-.187	255	203	-.134	.043	.005	-.265	255	311	.336	.138	.839	-.029
240	846	-.070	.067	.106	-.441	255	204	-.141	.051	.020	-.357	255	312	.208	.129	.712	-.145
240	847	-.172	.083	.042	-.712	255	205	-.149	.070	.020	-.556	255	313	-.003	.104	.383	-.323
240	848	-.272	.094	-.042	-.784	255	206	-.403	.154	-.009	-.949	255	314	.164	.104	.529	-.104
240	849	-.085	.067	.083	-.403	255	207	-.505	.143	-.107	-1.077	255	315	.386	.132	.834	.071
240	850	-.043	.056	.150	-.329	255	208	-.244	.068	-.063	-.521	255	316	.443	.129	.943	.105
240	851	.107	.068	.403	-.076	255	209	-.178	.055	-.026	-.500	255	317	.333	.126	.736	-.031
240	852	.161	.070	.447	-.027	255	210	-.074	.038	.079	-.191	255	318	.157	.120	.551	-.163
240	853	-.081	.118	.335	-.543	255	211	-.070	.043	.093	-.347	255	319	.003	.097	.361	-.297
240	854	-.063	.077	.357	-.346	255	212	-.100	.081	.092	-.707	255	320	.155	.097	.527	-.124
240	855	-.051	.051	.135	-.224	255	213	-.464	.155	.012	-1.046	255	321	.336	.116	.790	.052
240	856	.039	.059	.275	-.114	255	214	-.421	.142	.058	-1.148	255	322	.369	.127	.832	.052
255	101	-.139	.062	.050	-.449	255	215	-.241	.062	-.022	-.483	255	323	.261	.128	.814	-.094
255	102	-.152	.062	.032	-.435	255	216	-.203	.050	-.058	-.449	255	324	.074	.124	.549	-.262
255	103	-.233	.072	-.002	-.589	255	217	-.110	.043	.081	-.262	255	325	.004	.090	.356	-.347
255	104	-.337	.078	-.084	-.656	255	218	-.013	.048	.178	-.333	255	326	.102	.079	.371	-.175
255	105	-.290	.080	-.082	-.660	255	219	-.069	.142	.222	-.638	255	327	.229	.102	.673	.023
255	106	-.337	.098	-.095	-.782	255	220	-.392	.147	.084	-.965	255	328	.252	.113	.727	.025
255	107	-.148	.059	0.000	-.425	255	221	-.416	.140	.039	-.994	255	329	.137	.112	.687	-.152
255	108	-.173	.061	.017	-.447	255	222	-.299	.068	-.113	-.582	255	330	-.000	.113	.449	-.402
255	109	-.194	.064	-.016	-.451	255	223	-.232	.052	-.078	-.462	255	331	.052	.078	.308	-.306
255	110	-.276	.071	-.064	-.638	255	224	-.089	.039	.065	-.256	255	332	.128	.059	.370	-.034
255	111	-.333	.098	-.084	-.811	255	225	-.050	.049	.123	-.262	255	333	.206	.067	.506	.035
255	112	-.364	.099	-.111	-.826	255	226	-.037	.114	.219	-.702	255	334	.172	.066	.517	.020
255	113	-.155	.076	.050	-.549	255	227	-.323	.164	.257	-1.110	255	335	.046	.061	.344	-.160
255	114	-.159	.071	.066	-.540	255	228	-.336	.148	.195	-1.074	255	336	-.030	.085	.277	-.318
255	115	-.239	.078	.077	-.569	255	229	-.383	.078	-.195	-.742	255	401	-.555	.158	-.071	-1.477
255	116	-.323	.083	.054	-.723	255	230	-.227	.055	-.042	-.525	255	402	-.551	.155	-.002	-1.158
255	117	-.245	.067	-.066	-.549	255	231	-.089	.034	.046	-.259	255	403	-.229	.111	.002	-.792
255	118	-.253	.068	-.081	-.577	255	232	-.031	.035	.099	-.263	255	404	-.131	.055	.030	-.526
255	119	-.150	.073	.068	-.516	255	233	-.044	.071	.150	-.609	255	405	-.230	.046	-.076	-.486
255	120	-.174	.070	.054	-.496	255	234	-.210	.141	.181	-.887	255	406	-.330	.070	-.134	-.707
255	121	-.210	.078	.046	-.494	255	235	-.236	.128	.147	-.895	255	407	-.542	.153	.062	-1.204
255	122	-.308	.082	-.042	-.733	255	236	-.299	.058	-.141	-.631	255	408	-.530	.159	.200	-1.280
255	123	-.347	.085	-.133	-.753	255	237	-.170	.043	-.061	-.378	255	409	-.194	.133	.046	-.798
255	124	-.372	.088	-.153	-.789	255	238	-.095	.037	.043	-.298	255	410	-.123	.056	.051	-.580
255	125	-.087	.035	.053	-.245	255	239	-.049	.042	.150	-.180	255	411	-.283	.053	-.105	-.486
255	126	-.094	.038	.042	-.279	255	240	.059	.058	.327	-.179	255	412	-.382	.078	-.151	-.702
255	127	-.139	.051	-.005	-.430	255	241	.002	.094	.249	-.604	255	413	-.461	.131	-.016	-1.131
255	128	-.288	.092	-.062	-.629	255	242	-.162	.159	.214	-.824	255	414	-.472	.141	.109	-1.224
255	129	-.418	.104	-.170	-.937	255	301	-.042	.083	.208	-.365	255	415	-.259	.206	.167	-.902
255	130	-.429	.106	-.186	-.949	255	302	.082	.084	.349	-.258	255	416	-.145	.090	.070	-.594

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	417	-.319	.073	-.081	-.628	255	531	-.243	.081	-.036	-.643	255	635	-.094	.030	-.013	-.234
255	418	-.416	.105	-.143	-.852	255	532	-.161	.059	0.000	-.419	255	636	-.095	.034	.006	-.245
255	419	-.425	.138	-.043	-1.211	255	533	-.095	.044	.073	-.285	255	701	-.459	.113	-.127	-1.085
255	420	-.419	.148	.160	-1.308	255	534	-.078	.039	.097	-.242	255	702	-.486	.122	-.175	-.993
255	421	-.240	.180	.101	-.894	255	535	-.103	.047	.095	-.352	255	703	-.487	.124	-.128	-1.058
255	422	-.151	.090	.104	-.692	255	536	-.152	.054	.024	-.395	255	704	-.079	.067	.122	-.472
255	423	-.313	.076	-.024	-.589	255	537	-.234	.083	-.047	-.646	255	705	-.200	.067	.072	-.428
255	424	-.404	.107	-.106	-.754	255	538	-.191	.068	.008	-.472	255	706	-.113	.076	.149	-.442
255	425	-.348	.156	.130	-1.091	255	539	-.088	.050	.151	-.272	255	707	-.020	.059	.211	-.189
255	426	-.348	.172	.216	-1.175	255	540	-.086	.036	.045	-.215	255	708	-.011	.037	.110	-.226
255	427	-.171	.143	.132	-.761	255	541	-.056	.042	.098	-.218	255	709	.012	.044	.143	-.168
255	428	-.083	.058	.226	-.410	255	542	-.056	.043	.109	-.218	255	710	.101	.071	.314	-.140
255	429	-.229	.069	.013	-.469	255	543	-.031	.050	.330	-.199	255	711	-.255	.065	-.024	-.532
255	430	-.350	.118	-.061	-.850	255	544	-.086	.026	.010	-.180	255	712	-.202	.061	.029	-.488
255	431	-.352	.240	.182	-1.436	255	545	-.086	.026	.001	-.187	255	713	-.246	.120	.001	-.703
255	432	-.233	.180	.186	-1.098	255	546	-.072	.025	.011	-.153	255	714	-.409	.100	-.141	-.967
255	433	-.100	.100	.145	-.649	255	601	-.110	.038	.023	-.299	255	715	-.156	.199	.542	-.656
255	434	-.057	.054	.109	-.306	255	602	-.113	.037	.025	-.292	255	716	-.181	.050	-.024	-.397
255	435	-.057	.040	.124	-.246	255	603	-.113	.036	.025	-.251	255	717	-.358	.207	-.029	-1.286
255	436	-.050	.038	.132	-.252	255	604	-.108	.038	.027	-.290	255	718	-.154	.053	-.004	-.535
255	501	-.539	.146	-.191	-1.084	255	605	-.114	.043	.026	-.314	255	719	-.118	.038	.016	-.270
255	502	-.447	.116	-.188	-.983	255	606	-.126	.047	.015	-.377	255	720	-.147	.041	-.037	-.330
255	503	-.412	.147	-.075	-1.323	255	607	-.121	.041	.028	-.291	255	721	-.014	.086	.392	-.353
255	504	-.277	.100	-.046	-.751	255	608	-.106	.035	.025	-.290	255	722	-.165	.042	-.051	-.328
255	505	-.169	.060	-.001	-.432	255	609	-.106	.033	-.003	-.224	255	801	-.063	.025	.039	-.141
255	506	-.141	.053	.050	-.471	255	610	-.105	.031	-.008	-.254	255	802	-.085	.025	-.007	-.160
255	507	-.129	.042	.027	-.327	255	611	-.112	.038	-.001	-.298	255	803	-.079	.026	.004	-.184
255	508	-.572	.148	-.220	-1.241	255	612	-.121	.047	.013	-.345	255	804	-.069	.029	.018	-.201
255	509	-.537	.140	-.124	-1.093	255	613	-.137	.052	.002	-.401	255	805	-.092	.032	.020	-.278
255	510	-.322	.086	-.102	-.671	255	614	-.141	.052	-.013	-.427	255	806	-.161	.041	-.030	-.341
255	511	-.269	.096	-.039	-.721	255	615	-.137	.048	.002	-.357	255	807	-.119	.042	.080	-.252
255	512	-.183	.064	-.026	-.467	255	616	-.124	.042	.004	-.307	255	808	-.010	.054	.178	-.201
255	513	-.120	.046	-.003	-.342	255	617	-.117	.041	.004	-.285	255	809	-.052	.036	.098	-.185
255	514	-.129	.040	-.014	-.318	255	618	-.129	.045	-.013	-.318	255	810	-.081	.033	.036	-.213
255	515	-.464	.140	-.120	-1.008	255	619	-.168	.062	-.015	-.491	255	811	-.118	.037	.012	-.264
255	516	-.457	.123	-.103	-1.153	255	620	-.137	.049	-.003	-.439	255	812	-.128	.040	.002	-.292
255	517	-.320	.109	-.069	-.764	255	621	-.115	.040	.004	-.314	255	813	-.156	.044	-.005	-.415
255	518	-.215	.070	-.047	-.508	255	622	-.100	.031	.011	-.216	255	814	-.112	.045	.043	-.264
255	519	-.138	.045	.015	-.374	255	623	-.096	.037	.030	-.267	255	815	-.177	.093	.058	-.562
255	520	-.125	.041	.010	-.287	255	624	-.113	.048	.035	-.356	255	816	.015	.040	.183	-.113
255	521	-.120	.044	.021	-.304	255	625	-.159	.077	-.003	-.561	255	817	.123	.060	.376	-.053
255	522	-.498	.128	-.167	-1.062	255	626	-.142	.066	-.001	-.537	255	818	.187	.086	.569	-.063
255	523	-.481	.135	-.138	-1.093	255	627	-.092	.032	.023	-.270	255	819	.002	.063	.284	-.218
255	524	-.299	.112	-.072	-.742	255	628	-.086	.029	.016	-.188	255	820	.100	.072	.402	-.130
255	525	-.170	.060	-.010	-.493	255	629	-.088	.031	.021	-.219	255	821	.070	.070	.344	-.144
255	526	-.142	.041	-.014	-.299	255	630	-.090	.032	.027	-.247	255	822	.321	.122	1.018	.031
255	527	-.148	.046	-.002	-.301	255	631	-.077	.025	.013	-.163	255	823	-.039	.068	.211	-.327
255	528	-.163	.052	-.017	-.347	255	632	-.078	.026	.027	-.165	255	824	-.014	.054	.226	-.235
255	529	-.430	.147	-.099	-.990	255	633	-.083	.025	.009	-.173	255	825	-.242	.140	.196	-.795
255	530	-.359	.117	-.107	-.815	255	634	-.090	.026	-.008	-.180	255	826	-.038	.043	.174	-.180

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
255	827	-.003	.057	.312	-.150	270	121	-.142	.078	.053	-.503	270	235	-.044	.115	.334	-.476
255	828	.064	.103	.560	-.201	270	122	-.305	.147	-.005	-.881	270	236	-.268	.070	-.003	-.547
255	829	-.200	.099	.039	-.578	270	123	-.556	.131	-.244	-1.152	270	237	-.165	.051	-.018	-.367
255	830	-.053	.036	.096	-.188	270	124	-.595	.134	-.270	-1.239	270	238	-.067	.040	.086	-.259
255	831	-.012	.037	.131	-.146	270	125	-.085	.025	.010	-.202	270	239	.062	.055	.279	-.099
255	832	-.041	.038	.161	-.189	270	126	-.092	.026	.010	-.216	270	240	.160	.061	.407	-.045
255	833	-.007	.035	.130	-.117	270	127	-.114	.031	-.010	-.266	270	241	.127	.070	.397	-.135
255	834	.003	.037	.139	-.107	270	128	-.224	.078	-.077	-.633	270	242	.076	.091	.356	-.428
255	835	-.102	.033	.004	-.257	270	129	-.523	.151	-.185	-1.085	270	301	.116	.121	.557	-.319
255	836	-.096	.031	.002	-.230	270	130	-.533	.152	-.221	-1.112	270	302	.162	.117	.562	-.229
255	837	-.061	.031	.034	-.166	270	131	-.117	.036	.002	-.266	270	303	.138	.114	.540	-.151
255	838	-.064	.027	.026	-.155	270	132	-.146	.041	-.018	-.334	270	304	.168	.111	.572	-.120
255	839	-.059	.029	.034	-.168	270	133	-.116	.053	.025	-.384	270	305	.123	.114	.562	-.197
255	840	-.085	.024	-.006	-.182	270	134	-.153	.056	.002	-.427	270	306	.045	.112	.447	-.271
255	841	-.078	.029	.034	-.188	270	135	-.213	.065	-.041	-.621	270	307	.216	.124	.650	-.124
255	842	-.084	.025	.011	-.170	270	136	-.385	.083	-.168	-.732	270	308	.301	.128	.835	-.066
255	843	-.101	.044	.053	-.318	270	201	-.342	.075	-.120	-.660	270	309	.338	.134	.822	-.062
255	844	-.062	.049	.147	-.211	270	202	-.227	.054	-.062	-.479	270	310	.330	.132	.742	-.064
255	845	-.070	.065	.188	-.305	270	203	-.135	.053	.040	-.313	270	311	.235	.123	.687	-.107
255	846	-.172	.087	.041	-.728	270	204	-.102	.061	.120	-.300	270	312	.053	.112	.550	-.320
255	847	-.219	.084	.031	-.620	270	205	-.046	.061	.185	-.253	270	313	.245	.129	.722	-.139
255	848	-.256	.079	-.017	-.745	270	206	-.080	.114	.203	-.626	270	314	.337	.122	.811	.050
255	849	-.190	.071	-.024	-.512	270	207	-.228	.178	.274	-.820	270	315	.432	.138	.877	.064
255	850	-.158	.066	.023	-.494	270	208	-.426	.085	-.187	-.774	270	316	.392	.140	.899	.084
255	851	-.028	.050	.202	-.240	270	209	-.245	.058	-.054	-.453	270	317	.182	.123	.645	-.149
255	852	.040	.057	.266	-.122	270	210	-.036	.058	.185	-.202	270	318	-.022	.103	.390	-.345
255	853	.153	.093	.467	-.141	270	211	.006	.064	.241	-.169	270	319	.210	.119	.660	-.114
255	854	.110	.068	.385	-.115	270	212	.044	.073	.280	-.181	270	320	.287	.114	.899	.013
255	855	.072	.047	.256	-.105	270	213	-.114	.220	.403	-.774	270	321	.350	.127	.792	.086
255	856	.096	.054	.345	-.063	270	214	-.121	.193	.516	-.722	270	322	.321	.128	.742	.042
270	101	-.120	.043	.029	-.338	270	215	-.436	.086	-.189	-.768	270	323	.105	.113	.548	-.217
270	102	-.124	.050	.049	-.344	270	216	-.300	.059	-.123	-.524	270	324	-.103	.105	.451	-.482
270	103	-.173	.060	-.014	-.548	270	217	-.050	.057	.183	-.208	270	325	.124	.086	.517	-.137
270	104	-.346	.102	-.099	-.833	270	218	.091	.067	.356	-.071	270	326	.175	.085	.565	-.041
270	105	-.484	.119	-.171	-.980	270	219	.140	.083	.493	-.106	270	327	.239	.097	.658	.010
270	106	-.672	.156	-.228	-1.308	270	220	-.014	.211	.587	-.693	270	328	.225	.105	.670	-.019
270	107	-.126	.035	-.014	-.283	270	221	-.032	.200	.657	-.717	270	329	.011	.099	.420	-.299
270	108	-.149	.040	-.013	-.354	270	222	-.412	.088	-.193	-.770	270	330	-.186	.103	.180	-.670
270	109	-.137	.053	.025	-.415	270	223	-.277	.064	-.074	-.525	270	331	.130	.059	.394	-.073
270	110	-.267	.087	-.052	-.682	270	224	-.039	.051	.196	-.169	270	332	.168	.061	.458	.005
270	111	-.731	.161	-.345	-1.350	270	225	.074	.062	.356	-.082	270	333	.193	.073	.585	.041
270	112	-.757	.164	-.391	-1.385	270	226	.139	.077	.435	-.250	270	334	.121	.063	.390	-.037
270	113	-.113	.035	-.006	-.307	270	227	.016	.191	.552	-.729	270	335	-.052	.059	.306	-.219
270	114	-.119	.039	.012	-.349	270	228	-.022	.177	.567	-.693	270	336	-.180	.083	.067	-.487
270	115	-.185	.082	.024	-.625	270	229	-.427	.116	-.146	-.863	270	401	-.486	.126	-.193	-1.156
270	116	-.417	.150	-.119	-.950	270	230	-.236	.074	.029	-.496	270	402	-.496	.137	-.201	-1.187
270	117	-.538	.117	-.255	-1.011	270	231	-.040	.047	.172	-.179	270	403	-.494	.129	-.100	-1.032
270	118	-.541	.119	-.250	-1.007	270	232	.035	.048	.292	-.087	270	404	-.347	.142	.203	-.855
270	119	-.115	.031	-.012	-.307	270	233	.100	.058	.447	-.181	270	405	-.284	.126	.062	-.845
270	120	-.145	.036	-.010	-.473	270	234	-.010	.120	.323	-.426	270	406	-.292	.127	.037	-.909

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	407	-.476	.110	-.161	-1.015	270	521	-.116	.041	.002	-.326	270	625	-.105	.036	-.008	-.275
270	408	-.461	.111	-.137	-1.064	270	522	-.291	.096	.006	-.656	270	626	-.103	.031	-.011	-.237
270	409	-.490	.128	-.051	-1.041	270	523	-.272	.094	.007	-.639	270	627	-.083	.026	.004	-.184
270	410	-.374	.146	.037	-1.085	270	524	-.206	.068	-.002	-.461	270	628	-.080	.026	.018	-.172
270	411	-.276	.116	.151	-.903	270	525	-.152	.057	.007	-.429	270	629	-.082	.026	.011	-.180
270	412	-.271	.117	.136	-1.013	270	526	-.139	.047	.011	-.367	270	630	-.087	.026	.006	-.199
270	413	-.439	.112	-.100	-.872	270	527	-.134	.046	-.007	-.330	270	631	-.086	.026	.004	-.172
270	414	-.445	.115	-.116	-.890	270	528	-.136	.047	-.010	-.364	270	632	-.084	.028	.018	-.184
270	415	-.481	.135	-.020	-1.025	270	529	-.250	.099	-.034	-.685	270	633	-.077	.027	.024	-.175
270	416	-.359	.132	.143	-.908	270	530	-.237	.086	-.009	-.712	270	634	-.096	.031	.015	-.211
270	417	-.283	.097	.052	-.695	270	531	-.200	.069	-.010	-.518	270	635	-.098	.033	.028	-.291
270	418	-.284	.101	.055	-.716	270	532	-.176	.062	-.027	-.551	270	636	-.092	.034	.025	-.265
270	419	-.461	.137	-.146	-1.540	270	533	-.130	.050	.009	-.348	270	701	-.409	.088	-.116	-.886
270	420	-.451	.139	-.127	-1.538	270	534	-.120	.049	.035	-.359	270	702	-.499	.110	-.190	-.979
270	421	-.472	.147	.015	-1.403	270	535	-.123	.049	.050	-.369	270	703	-.525	.116	-.175	-.952
270	422	-.371	.147	.124	-.919	270	536	-.147	.049	.049	-.339	270	704	-.152	.089	.125	-.591
270	423	-.285	.100	-.024	-.710	270	537	-.174	.060	.043	-.518	270	705	-.158	.100	.167	-.517
270	424	-.279	.099	.002	-.635	270	538	-.172	.053	-.007	-.423	270	706	-.104	.105	.320	-.489
270	425	-.516	.175	-.097	-1.479	270	539	-.146	.060	.062	-.483	270	707	-.020	.069	.208	-.225
270	426	-.524	.180	-.109	-1.563	270	540	-.129	.046	.012	-.317	270	708	-.102	.069	.124	-.367
270	427	-.471	.168	-.027	-1.149	270	541	-.113	.058	.099	-.391	270	709	-.072	.066	.121	-.394
270	428	-.247	.127	.129	-.750	270	542	-.083	.058	.224	-.320	270	710	-.043	.077	.243	-.634
270	429	-.207	.073	.028	-.553	270	543	.003	.084	.424	-.203	270	711	-.382	.092	-.127	-.928
270	430	-.236	.076	-.005	-.538	270	544	-.110	.035	-.002	-.258	270	712	-.361	.106	-.061	-.980
270	431	-.645	.250	-.132	-1.698	270	545	-.109	.033	-.016	-.235	270	713	-.423	.113	-.087	-.825
270	432	-.512	.188	-.017	-1.272	270	546	-.094	.030	.004	-.216	270	714	-.543	.137	-.199	-1.185
270	433	-.370	.175	-.041	-1.273	270	601	-.125	.048	.009	-.327	270	715	.071	.301	.828	-.729
270	434	-.239	.119	.072	-.761	270	602	-.123	.041	.011	-.283	270	716	-.332	.115	-.057	-.811
270	435	-.104	.061	.163	-.454	270	603	-.110	.034	-.006	-.237	270	717	-.564	.215	-.142	-1.382
270	436	-.090	.054	.122	-.429	270	604	-.103	.032	.009	-.275	270	718	-.252	.066	-.060	-.566
270	501	-.308	.131	.052	-1.067	270	605	-.108	.037	.026	-.383	270	719	-.146	.040	-.034	-.363
270	502	-.283	.126	.070	-1.087	270	606	-.111	.036	.032	-.326	270	720	-.160	.041	-.037	-.329
270	503	-.215	.094	.040	-.680	270	607	-.111	.039	.028	-.256	270	721	-.179	.091	.195	-.565
270	504	-.176	.089	.042	-.803	270	608	-.107	.036	.006	-.253	270	722	-.168	.043	-.044	-.378
270	505	-.150	.081	.047	-.712	270	609	-.104	.032	.002	-.224	270	801	-.078	.025	.005	-.160
270	506	-.125	.053	.055	-.442	270	610	-.109	.031	-.016	-.225	270	802	-.086	.025	.013	-.164
270	507	-.131	.054	-.001	-.454	270	611	-.112	.034	-.008	-.248	270	803	-.084	.028	.009	-.204
270	508	-.281	.112	-.013	-.791	270	612	-.108	.035	.042	-.296	270	804	-.074	.028	.021	-.191
270	509	-.272	.110	.047	-.813	270	613	-.123	.036	-.016	-.293	270	805	-.092	.038	.023	-.241
270	510	-.212	.091	.042	-.656	270	614	-.124	.033	-.021	-.240	270	806	-.174	.041	-.055	-.371
270	511	-.173	.076	.050	-.706	270	615	-.118	.028	-.025	-.215	270	807	-.133	.039	-.000	-.303
270	512	-.150	.067	.049	-.647	270	616	-.105	.028	-.008	-.224	270	808	-.051	.058	.234	-.221
270	513	-.112	.047	.084	-.340	270	617	-.109	.031	.026	-.298	270	809	-.015	.043	.183	-.155
270	514	-.133	.049	-.009	-.374	270	618	-.114	.031	-.001	-.302	270	810	-.044	.040	.107	-.186
270	515	-.266	.103	.071	-.652	270	619	-.118	.034	-.010	-.267	270	811	-.082	.045	.073	-.345
270	516	-.256	.087	-.002	-.586	270	620	-.110	.035	-.006	-.244	270	812	-.119	.053	.033	-.328
270	517	-.186	.070	.026	-.570	270	621	-.104	.028	-.018	-.222	270	813	-.139	.057	.008	-.476
270	518	-.165	.053	.042	-.472	270	622	-.104	.028	-.021	-.206	270	814	-.084	.059	.118	-.307
270	519	-.141	.044	.012	-.339	270	623	-.098	.030	-.001	-.220	270	815	-.111	.103	.132	-.608
270	520	-.133	.040	-.015	-.349	270	624	-.097	.033	.011	-.316	270	816	.057	.040	.236	-.081

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
270	817	.117	.056	.373	-.047	285	111	-.662	.173	-.210	-1.280	285	225	.182	.089	.578	-.022
270	818	.190	.098	.633	-.074	285	112	-.685	.180	-.243	-1.497	285	226	.246	.099	.600	-.006
270	819	-.117	.066	.162	-.405	285	113	-.135	.029	-.038	-.240	285	227	.246	.140	.690	-.253
270	820	.178	.067	.446	.007	285	114	-.132	.028	-.017	-.228	285	228	.217	.150	.694	-.274
270	821	.177	.082	.548	-.084	285	115	-.118	.035	.068	-.269	285	229	-.303	.096	-.067	-.682
270	822	.263	.113	.708	.018	285	116	-.151	.078	.112	-.650	285	230	-.126	.067	.116	-.375
270	823	-.200	.088	.056	-.543	285	117	-.602	.164	-.117	-1.125	285	231	.075	.068	.310	-.119
270	824	-.170	.080	.036	-.621	285	118	-.617	.161	-.176	-1.145	285	232	.154	.079	.445	-.027
270	825	-.573	.217	-.204	-1.472	285	119	-.142	.029	-.029	-.247	285	233	.206	.094	.585	.009
270	826	-.131	.056	.094	-.492	285	120	-.119	.028	-.017	-.214	285	234	.149	.113	.528	-.290
270	827	.035	.101	.524	-.175	285	121	-.090	.033	.030	-.288	285	235	.116	.113	.502	-.333
270	828	-.049	.083	.351	-.311	285	122	-.147	.082	.027	-.658	285	236	-.196	.071	.002	-.485
270	829	-.143	.074	.084	-.644	285	123	-.574	.150	-.149	-1.133	285	237	-.096	.051	.119	-.259
270	830	-.073	.041	.082	-.220	285	124	-.569	.143	-.211	-1.113	285	238	.008	.053	.225	-.184
270	831	-.039	.046	.147	-.228	285	125	-.130	.029	-.021	-.240	285	239	.146	.059	.369	-.027
270	832	-.054	.041	.109	-.179	285	126	-.125	.028	-.015	-.236	285	240	.238	.088	.629	.054
270	833	-.030	.038	.116	-.135	285	127	-.104	.029	-.005	-.259	285	241	.205	.076	.480	-.019
270	834	-.023	.041	.152	-.156	285	128	-.109	.055	.031	-.499	285	242	.183	.076	.547	-.139
270	835	-.112	.036	.017	-.276	285	129	-.458	.144	-.006	-1.133	285	301	.180	.124	.627	-.145
270	836	-.097	.035	.014	-.255	285	130	-.476	.140	-.084	-1.095	285	302	.166	.117	.624	-.138
270	837	-.069	.033	.069	-.197	285	131	-.160	.032	-.039	-.264	285	303	.087	.110	.461	-.207
270	838	-.065	.028	.046	-.153	285	132	-.135	.034	-.005	-.274	285	304	.090	.109	.533	-.228
270	839	-.078	.035	.032	-.202	285	133	-.069	.036	.046	-.257	285	305	.026	.100	.415	-.312
270	840	-.088	.026	.019	-.177	285	134	-.085	.046	.047	-.313	285	306	-.038	.085	.302	-.345
270	841	-.110	.039	.013	-.286	285	135	-.139	.051	.012	-.371	285	307	.321	.150	.805	-.291
270	842	-.090	.026	-.012	-.174	285	136	-.334	.104	-.070	-.830	285	308	.346	.136	.825	-.078
270	843	-.144	.054	.034	-.477	285	201	-.294	.081	-.051	-.659	285	309	.300	.132	.733	-.083
270	844	-.138	.058	.053	-.443	285	202	-.174	.064	.099	-.386	285	310	.255	.126	.692	-.121
270	845	-.140	.070	.074	-.616	285	203	-.082	.070	.285	-.328	285	311	.114	.110	.488	-.215
270	846	-.182	.084	.061	-.749	285	204	-.047	.078	.268	-.343	285	312	-.017	.082	.287	-.299
270	847	-.166	.070	.092	-.593	285	205	.022	.076	.278	-.206	285	313	.392	.142	.866	.028
270	848	-.189	.061	.018	-.518	285	206	.077	.095	.420	-.283	285	314	.418	.139	.850	.061
270	849	-.166	.054	.008	-.422	285	207	.068	.134	.432	-.494	285	315	.393	.141	.902	.020
270	850	-.173	.061	.031	-.497	285	208	-.361	.109	-.051	-.791	285	316	.336	.124	.749	.015
270	851	-.102	.060	.162	-.310	285	209	-.142	.078	.146	-.372	285	317	.110	.096	.449	-.165
270	852	-.080	.051	.136	-.233	285	210	.054	.082	.415	-.163	285	318	-.057	.073	.244	-.294
270	853	.255	.093	.721	.037	285	211	.098	.089	.439	-.146	285	319	.312	.129	.728	-.121
270	854	.192	.084	.660	.013	285	212	.142	.101	.459	-.129	285	320	.343	.130	.847	-.180
270	855	.127	.060	.528	-.136	285	213	.178	.140	.599	-.454	285	321	.331	.131	.853	.010
270	856	.131	.056	.436	-.011	285	214	.216	.173	.713	-.456	285	322	.270	.123	.760	-.026
285	101	-.130	.044	.008	-.317	285	215	-.405	.119	.017	-.810	285	323	.015	.095	.384	-.264
285	102	-.128	.047	.015	-.372	285	216	-.223	.096	.046	-.523	285	324	-.125	.071	.166	-.369
285	103	-.164	.047	-.012	-.386	285	217	.110	.086	.439	-.156	285	325	.153	.082	.496	-.337
285	104	-.220	.064	-.027	-.595	285	218	.235	.093	.588	.001	285	326	.170	.079	.548	-.170
285	105	-.494	.118	-.165	-.909	285	219	.296	.109	.698	.020	285	327	.134	.092	.570	-.086
285	106	-.694	.183	-.233	-1.390	285	220	.319	.155	.811	-.388	285	328	.169	.089	.540	-.053
285	107	-.148	.034	-.017	-.259	285	221	.306	.164	.820	-.406	285	329	-.027	.078	.294	-.263
285	108	-.112	.033	.045	-.219	285	222	-.367	.118	-.023	-.757	285	330	-.171	.074	.086	-.462
285	109	-.106	.037	.032	-.254	285	223	-.196	.086	.134	-.477	285	331	.154	.075	.421	-.138
285	110	-.180	.050	-.012	-.502	285	224	.077	.075	.469	-.100	285	332	.184	.072	.458	-.121

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	333	.177	.078	.555	-.034	285	511	-.285	.113	.012	-1.043	285	615	-.123	.031	-.015	-.222
285	334	.095	.066	.456	-.075	285	512	-.217	.063	-.027	-.569	285	616	-.134	.032	-.018	-.248
285	335	-.070	.055	.243	-.242	285	513	-.226	.069	-.017	-.552	285	617	-.130	.033	-.021	-.235
285	336	-.131	.057	.195	-.365	285	514	-.241	.076	-.036	-.577	285	618	-.137	.032	-.021	-.249
285	401	-.331	.061	-.144	-.563	285	515	-.317	.080	-.082	-.583	285	619	-.149	.037	-.027	-.315
285	402	-.340	.063	-.135	-.586	285	516	-.316	.066	-.120	-.527	285	620	-.159	.033	-.052	-.299
285	403	-.378	.086	-.074	-.736	285	517	-.255	.051	-.105	-.445	285	621	-.138	.030	-.038	-.238
285	404	-.367	.118	.039	-1.090	285	518	-.239	.041	-.103	-.403	285	622	-.139	.031	-.041	-.239
285	405	-.367	.125	.025	-.929	285	519	-.219	.038	-.095	-.379	285	623	-.128	.031	-.032	-.227
285	406	-.366	.133	.070	-.888	285	520	-.241	.052	-.098	-.419	285	624	-.116	.030	-.030	-.246
285	407	-.308	.055	-.132	-.559	285	521	-.236	.054	-.085	-.423	285	625	-.166	.033	-.046	-.285
285	408	-.299	.057	-.134	-.581	285	522	-.331	.076	-.095	-.609	285	626	-.160	.031	-.063	-.268
285	409	-.334	.073	-.107	-.786	285	523	-.306	.066	-.082	-.549	285	627	-.142	.029	-.060	-.246
285	410	-.347	.101	.077	-.888	285	524	-.262	.049	-.093	-.459	285	628	-.130	.032	.006	-.248
285	411	-.363	.112	.049	-1.005	285	525	-.224	.041	-.093	-.436	285	629	-.128	.032	.007	-.253
285	412	-.362	.126	.051	-1.170	285	526	-.209	.035	-.088	-.324	285	630	-.137	.032	-.004	-.256
285	413	-.268	.049	-.100	-.469	285	527	-.219	.045	-.087	-.404	285	631	-.148	.030	-.032	-.275
285	414	-.269	.049	-.100	-.476	285	528	-.234	.050	-.083	-.437	285	632	-.141	.029	-.055	-.260
285	415	-.293	.055	-.101	-.667	285	529	-.272	.063	-.073	-.504	285	633	-.144	.031	-.046	-.280
285	416	-.305	.060	-.088	-.574	285	530	-.270	.060	-.056	-.489	285	634	-.158	.033	-.060	-.288
285	417	-.371	.090	-.098	-.754	285	531	-.248	.052	-.077	-.439	285	635	-.151	.030	-.063	-.284
285	418	-.377	.095	-.095	-.783	285	532	-.247	.050	-.088	-.446	285	636	-.138	.032	-.035	-.253
285	419	-.281	.057	-.110	-.652	285	533	-.207	.040	-.085	-.370	285	701	-.483	.122	-.153	-1.115
285	420	-.276	.058	-.115	-.662	285	534	-.205	.038	-.080	-.368	285	702	-.481	.091	-.225	-.960
285	421	-.305	.070	-.115	-.777	285	535	-.217	.042	-.075	-.382	285	703	-.467	.100	-.116	-.870
285	422	-.324	.072	-.092	-.728	285	536	-.235	.048	-.086	-.414	285	704	-.257	.096	.064	-.641
285	423	-.371	.086	-.074	-.750	285	537	-.220	.043	-.061	-.384	285	705	-.237	.099	.151	-.688
285	424	-.361	.088	-.068	-.771	285	538	-.238	.044	-.088	-.457	285	706	-.180	.111	.291	-.607
285	425	-.335	.088	-.154	-1.013	285	539	-.251	.049	-.095	-.454	285	707	-.099	.076	.246	-.305
285	426	-.341	.089	-.150	-1.030	285	540	-.221	.039	-.091	-.397	285	708	-.220	.108	.139	-.713
285	427	-.373	.095	-.145	-.893	285	541	-.272	.073	-.056	-.675	285	709	-.179	.096	.133	-.629
285	428	-.370	.093	-.112	-.876	285	542	-.266	.077	-.031	-.567	285	710	-.185	.105	.089	-.936
285	429	-.314	.076	-.063	-.713	285	543	-.205	.093	.127	-.556	285	711	-.446	.097	-.130	-.943
285	430	-.318	.080	-.080	-.768	285	544	-.174	.030	-.087	-.274	285	712	-.454	.119	-.051	-1.092
285	431	-.308	.090	-.118	-.912	285	545	-.154	.029	-.060	-.249	285	713	-.504	.122	-.059	-1.133
285	432	-.296	.088	-.102	-.900	285	546	-.149	.028	-.061	-.239	285	714	-.478	.085	-.221	-.781
285	433	-.334	.097	-.103	-.828	285	601	-.188	.057	.019	-.497	285	715	-.284	.205	.628	-.931
285	434	-.326	.088	-.105	-.861	285	602	-.174	.047	.013	-.393	285	716	-.467	.124	-.073	-1.012
285	435	-.284	.076	-.039	-.719	285	603	-.131	.042	.035	-.296	285	717	-.557	.112	-.226	-1.035
285	436	-.261	.073	-.061	-.674	285	604	-.130	.041	-.006	-.309	285	718	-.376	.094	-.138	-.888
285	501	-.327	.117	.004	-1.104	285	605	-.138	.043	-.006	-.300	285	719	-.268	.066	-.096	-.558
285	502	-.313	.112	.017	-1.073	285	606	-.139	.039	-.019	-.295	285	720	-.231	.050	-.075	-.439
285	503	-.292	.103	-.009	-.887	285	607	-.159	.052	-.010	-.482	285	721	-.294	.082	-.011	-.644
285	504	-.281	.142	.047	-1.017	285	608	-.170	.048	-.011	-.566	285	722	-.234	.056	-.067	-.510
285	505	-.203	.064	.011	-.595	285	609	-.142	.040	.004	-.317	285	801	-.123	.027	-.024	-.241
285	506	-.224	.074	-.021	-.542	285	610	-.142	.039	-.009	-.297	285	802	-.155	.030	-.035	-.277
285	507	-.239	.079	-.031	-.603	285	611	-.115	.040	.009	-.286	285	803	-.155	.035	-.028	-.334
285	508	-.300	.107	.011	-.848	285	612	-.132	.041	.011	-.287	285	804	-.079	.032	.026	-.188
285	509	-.301	.096	.045	-.654	285	613	-.189	.040	-.051	-.332	285	805	-.050	.037	.067	-.221
285	510	-.290	.097	-.016	-.772	285	614	-.178	.035	-.055	-.295	285	806	-.170	.042	-.045	-.404

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
285	807	-.117	.041	.034	-.253	300	101	-.154	.044	-.009	-.293	300	215	-.210	.152	.249	-.603
285	808	.060	.095	.501	-.208	300	102	-.133	.048	.036	-.299	300	216	-.029	.119	.412	-.400
285	809	.028	.052	.244	-.172	300	103	-.134	.049	.034	-.297	300	217	.221	.107	.669	-.067
285	810	.006	.052	.237	-.193	300	104	-.175	.060	.023	-.383	300	218	.341	.111	.757	.065
285	811	-.013	.055	.207	-.235	300	105	-.343	.134	.001	-.814	300	219	.382	.120	.847	.092
285	812	-.003	.063	.180	-.237	300	106	-.502	.161	-.046	-1.117	300	220	.397	.127	.863	.005
285	813	-.028	.071	.145	-.292	300	107	-.145	.036	.007	-.321	300	221	.377	.131	.876	-.045
285	814	.011	.064	.207	-.224	300	108	-.104	.038	.040	-.252	300	222	-.234	.138	.323	-.694
285	815	.001	.105	.257	-.641	300	109	-.047	.046	.129	-.203	300	223	-.071	.102	.428	-.397
285	816	.107	.048	.318	-.052	300	110	-.075	.055	.131	-.268	300	224	.186	.083	.530	-.019
285	817	.111	.056	.352	-.105	300	111	-.389	.183	.089	-1.048	300	225	.289	.096	.672	.057
285	818	.129	.064	.391	-.095	300	112	-.450	.180	.083	-1.114	300	226	.334	.112	.844	.077
285	819	-.151	.065	.076	-.450	300	113	-.141	.033	-.018	-.291	300	227	.346	.125	.951	.080
285	820	.243	.093	.689	.021	300	114	-.113	.036	.039	-.275	300	228	.327	.130	.978	.014
285	821	.259	.095	.647	.010	300	115	-.034	.052	.192	-.177	300	229	-.198	.096	.206	-.789
285	822	.204	.113	.688	-.045	300	116	-.025	.068	.225	-.380	300	230	-.068	.060	.152	-.277
285	823	-.294	.068	-.109	-.573	300	117	-.418	.213	.212	-1.108	300	231	.126	.057	.431	-.066
285	824	-.282	.066	-.091	-.644	300	118	-.440	.203	.173	-1.144	300	232	.219	.073	.487	.046
285	825	-.536	.143	-.199	-1.220	300	119	-.159	.032	-.065	-.266	300	233	.277	.093	.641	.050
285	826	-.270	.066	-.078	-.554	300	120	-.124	.032	-.026	-.228	300	234	.276	.096	.676	-.101
285	827	-.189	.091	.288	-.436	300	121	-.043	.039	.136	-.153	300	235	.231	.097	.574	-.153
285	828	-.226	.061	.016	-.447	300	122	-.048	.053	.165	-.302	300	236	-.112	.083	.133	-.387
285	829	-.246	.065	-.010	-.519	300	123	-.431	.181	.113	-1.139	300	237	-.038	.054	.164	-.227
285	830	-.200	.055	-.002	-.463	300	124	-.427	.172	.092	-1.185	300	238	.055	.046	.230	-.106
285	831	-.152	.053	.071	-.382	300	125	-.153	.030	-.037	-.243	300	239	.226	.067	.487	.061
285	832	-.188	.053	-.032	-.417	300	126	-.132	.030	0.000	-.224	300	240	.287	.075	.588	.100
285	833	-.142	.073	.084	-.438	300	127	-.070	.034	.072	-.192	300	241	.255	.073	.549	.059
285	834	-.132	.066	.153	-.389	300	128	-.056	.050	.121	-.290	300	242	.231	.067	.515	.035
285	835	-.171	.043	-.035	-.362	300	129	-.336	.130	.148	-.890	300	301	.106	.162	.576	-.525
285	836	-.167	.033	-.059	-.291	300	130	-.346	.127	.117	-.886	300	302	.097	.122	.466	-.421
285	837	-.100	.041	.040	-.256	300	131	-.163	.033	-.062	-.283	300	303	.020	.096	.361	-.243
285	838	-.093	.031	.026	-.239	300	132	-.121	.032	-.000	-.247	300	304	.015	.087	.295	-.272
285	839	-.152	.030	-.041	-.262	300	133	-.025	.044	.160	-.172	300	305	-.054	.077	.196	-.328
285	840	-.144	.032	-.045	-.269	300	134	-.026	.051	.170	-.200	300	306	-.124	.060	.066	-.331
285	841	-.180	.037	-.037	-.288	300	135	-.095	.061	.127	-.374	300	307	.288	.173	.733	-.345
285	842	-.146	.029	-.035	-.244	300	136	-.261	.128	.083	-.893	300	308	.278	.148	.745	-.355
285	843	-.245	.052	-.060	-.428	300	201	-.154	.092	.214	-.452	300	309	.206	.117	.571	-.165
285	844	-.230	.058	-.035	-.459	300	202	-.056	.084	.243	-.303	300	310	.145	.105	.541	-.138
285	845	-.262	.063	-.083	-.634	300	203	-.003	.081	.305	-.268	300	311	.011	.079	.269	-.224
285	846	-.278	.066	-.081	-.834	300	204	.015	.083	.315	-.255	300	312	-.116	.059	.098	-.284
285	847	-.212	.048	-.068	-.443	300	205	.074	.097	.407	-.182	300	313	.351	.162	.845	-.281
285	848	-.235	.046	-.095	-.405	300	206	.150	.115	.714	-.189	300	314	.359	.148	.836	-.243
285	849	-.213	.045	-.074	-.413	300	207	.175	.124	.761	-.248	300	315	.320	.117	.754	.051
285	850	-.236	.047	-.094	-.432	300	208	-.138	.124	.298	-.613	300	316	.223	.101	.662	-.031
285	851	-.241	.062	.029	-.540	300	209	.022	.111	.343	-.326	300	317	-.003	.068	.314	-.194
285	852	-.083	.052	.085	-.291	300	210	.179	.102	.551	-.149	300	318	-.141	.050	.137	-.294
285	853	.284	.097	.790	.050	300	211	.212	.105	.652	-.068	300	319	.297	.142	.757	-.251
285	854	.271	.115	.708	.011	300	212	.255	.112	.714	-.034	300	320	.350	.137	.789	-.163
285	855	.172	.073	.467	-.033	300	213	.318	.129	.693	-.060	300	321	.296	.108	.716	.045
285	856	.136	.058	.360	-.023	300	214	.329	.145	.975	-.080	300	322	.208	.094	.578	-.014

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	323	-.036	.062	.187	-.241	300	501	-.307	.091	-.018	-.912	300	605	-.176	.050	-.018	-.364
300	324	-.177	.048	.027	-.340	300	502	-.312	.094	.024	-.919	300	606	-.172	.045	-.035	-.354
300	325	.175	.108	.499	-.263	300	503	-.379	.146	-.028	-1.406	300	607	-.177	.063	-.010	-.699
300	326	.189	.094	.497	-.282	300	504	-.220	.090	-.019	-.912	300	608	-.179	.054	-.025	-.429
300	327	.164	.080	.508	-.033	300	505	-.216	.053	-.056	-.496	300	609	-.163	.049	-.011	-.401
300	328	.138	.080	.421	-.046	300	506	-.232	.073	-.008	-.585	300	610	-.173	.048	-.011	-.342
300	329	-.079	.064	.161	-.291	300	507	-.251	.081	-.018	-.578	300	611	-.153	.044	-.012	-.334
300	330	-.214	.061	-.017	-.509	300	508	-.290	.085	-.034	-.605	300	612	-.157	.046	-.011	-.340
300	331	.167	.086	.448	-.152	300	509	-.308	.085	-.008	-.768	300	613	-.196	.039	-.006	-.340
300	332	.186	.078	.489	-.068	300	510	-.349	.113	-.064	-1.076	300	614	-.190	.037	-.042	-.310
300	333	.164	.068	.428	-.064	300	511	-.253	.084	-.039	-1.002	300	615	-.145	.035	-.041	-.263
300	334	.072	.052	.268	-.085	300	512	-.232	.051	-.031	-.436	300	616	-.153	.035	-.047	-.297
300	335	-.083	.037	.056	-.219	300	513	-.231	.066	-.060	-.650	300	617	-.152	.036	-.040	-.303
300	336	-.169	.040	-.029	-.328	300	514	-.265	.082	-.064	-.912	300	618	-.159	.035	-.052	-.303
300	401	-.312	.054	-.134	-.553	300	515	-.315	.057	-.138	-.537	300	619	-.164	.035	-.027	-.273
300	402	-.318	.056	-.142	-.560	300	516	-.328	.050	-.186	-.484	300	620	-.168	.032	-.054	-.270
300	403	-.340	.069	-.125	-.614	300	517	-.281	.042	-.150	-.431	300	621	-.158	.030	-.062	-.264
300	404	-.321	.082	-.060	-.693	300	518	-.253	.034	-.120	-.392	300	622	-.159	.031	-.064	-.274
300	405	-.380	.113	-.057	-1.160	300	519	-.239	.033	-.105	-.364	300	623	-.125	.031	-.024	-.233
300	406	-.373	.113	-.020	-.949	300	520	-.245	.043	-.104	-.376	300	624	-.142	.032	-.015	-.263
300	407	-.304	.051	-.133	-.508	300	521	-.240	.047	-.081	-.422	300	625	-.185	.032	-.084	-.308
300	408	-.294	.052	-.127	-.508	300	522	-.321	.046	-.185	-.471	300	626	-.186	.030	-.095	-.298
300	409	-.299	.055	-.110	-.577	300	523	-.301	.041	-.176	-.447	300	627	-.147	.029	-.050	-.256
300	410	-.312	.074	-.068	-.677	300	524	-.264	.034	-.149	-.381	300	628	-.158	.029	-.056	-.249
300	411	-.341	.085	-.094	-.675	300	525	-.230	.032	-.110	-.334	300	629	-.154	.030	-.048	-.246
300	412	-.332	.095	-.022	-.731	300	526	-.230	.035	-.091	-.353	300	630	-.162	.030	-.059	-.255
300	413	-.265	.039	-.137	-.409	300	527	-.224	.043	-.073	-.403	300	631	-.160	.029	-.080	-.263
300	414	-.267	.040	-.117	-.418	300	528	-.231	.048	-.072	-.463	300	632	-.177	.031	-.066	-.289
300	415	-.284	.040	-.128	-.424	300	529	-.299	.052	-.165	-.531	300	633	-.177	.032	-.072	-.278
300	416	-.293	.043	-.167	-.455	300	530	-.282	.043	-.132	-.486	300	634	-.181	.033	-.076	-.305
300	417	-.342	.058	-.170	-.609	300	531	-.259	.035	-.134	-.399	300	635	-.158	.034	-.050	-.287
300	418	-.345	.059	-.161	-.616	300	532	-.245	.034	-.120	-.390	300	636	-.165	.034	-.047	-.282
300	419	-.259	.042	-.120	-.407	300	533	-.212	.031	-.103	-.341	300	701	-.561	.147	-.089	-1.405
300	420	-.250	.042	-.112	-.403	300	534	-.216	.033	-.120	-.339	300	702	-.511	.109	-.084	-.939
300	421	-.279	.045	-.144	-.450	300	535	-.225	.035	-.122	-.357	300	703	-.483	.115	-.040	-.892
300	422	-.300	.047	-.152	-.477	300	536	-.257	.044	-.125	-.419	300	704	-.210	.085	.030	-.580
300	423	-.356	.063	-.181	-.593	300	537	-.237	.036	-.129	-.391	300	705	-.180	.096	.143	-.510
300	424	-.348	.063	-.177	-.598	300	538	-.234	.031	-.139	-.351	300	706	-.138	.110	.237	-.497
300	425	-.302	.052	-.146	-.539	300	539	-.235	.035	-.125	-.362	300	707	-.113	.081	.168	-.450
300	426	-.307	.052	-.139	-.577	300	540	-.219	.030	-.123	-.318	300	708	-.356	.145	.098	-.921
300	427	-.345	.062	-.181	-.684	300	541	-.268	.058	-.118	-.530	300	709	-.252	.122	.074	-.800
300	428	-.355	.070	-.172	-.667	300	542	-.287	.049	-.122	-.462	300	710	-.331	.153	.018	-1.624
300	429	-.323	.057	-.180	-.548	300	543	-.270	.051	-.020	-.443	300	711	-.494	.104	-.152	-.940
300	430	-.334	.061	-.176	-.582	300	544	-.199	.031	-.100	-.298	300	712	-.503	.117	-.187	-1.165
300	431	-.290	.057	-.123	-.588	300	545	-.190	.032	-.095	-.327	300	713	-.574	.139	-.188	-1.106
300	432	-.282	.057	-.117	-.593	300	546	-.182	.031	-.088	-.272	300	714	-.519	.099	-.258	-.923
300	433	-.327	.061	-.139	-.613	300	601	-.202	.063	-.035	-.607	300	715	-.493	.132	.088	-.992
300	434	-.337	.062	-.149	-.636	300	602	-.190	.054	-.028	-.530	300	716	-.525	.130	.040	-1.034
300	435	-.307	.058	-.140	-.528	300	603	-.144	.053	.041	-.430	300	717	-.606	.130	-.265	-1.123
300	436	-.290	.054	-.122	-.465	300	604	-.169	.056	.009	-.407	300	718	-.425	.098	-.123	-.828

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
300	719	-.279	.075	-.069	-.624	300	847	-.217	.035	-.114	-.382	315	205	.115	.116	.504	-.297
300	720	-.245	.061	-.076	-.629	300	848	-.233	.035	-.140	-.374	315	206	.132	.129	.615	-.286
300	721	-.293	.065	-.087	-.732	300	849	-.227	.035	-.119	-.357	315	207	.107	.134	.626	-.260
300	722	-.245	.064	-.076	-.506	300	850	-.247	.036	-.135	-.377	315	208	.151	.143	.699	-.331
300	801	-.162	.029	-.053	-.250	300	851	-.267	.047	-.138	-.501	315	209	.220	.136	.731	-.141
300	802	-.196	.031	-.085	-.289	300	852	-.034	.051	.213	-.212	315	210	.274	.135	.725	-.162
300	803	-.196	.034	-.084	-.334	300	853	.343	.106	.844	.115	315	211	.268	.138	.757	-.196
300	804	-.084	.031	.021	-.190	300	854	.357	.116	.865	.104	315	212	.276	.138	.798	-.057
300	805	.010	.044	.173	-.133	300	855	.256	.084	.642	.027	315	213	.286	.145	.735	-.170
300	806	-.133	.057	.079	-.392	300	856	.202	.062	.486	.043	315	214	.214	.167	.720	-.320
300	807	-.064	.052	.129	-.228	315	101	-.136	.053	.057	-.318	315	215	.151	.164	.679	-.399
300	808	.165	.116	.807	-.122	315	102	-.105	.063	.129	-.335	315	216	.200	.129	.777	-.160
300	809	.093	.063	.329	-.138	315	103	-.058	.069	.203	-.272	315	217	.328	.137	.789	-.010
300	810	.075	.060	.333	-.145	315	104	-.040	.079	.296	-.274	315	218	.355	.148	.888	-.023
300	811	.046	.061	.304	-.248	315	105	-.045	.120	.303	-.591	315	219	.343	.155	.795	-.007
300	812	.061	.063	.301	-.176	315	106	-.127	.168	.269	-.868	315	220	.263	.160	.763	-.131
300	813	.029	.062	.210	-.238	315	107	-.103	.046	.086	-.253	315	221	.207	.169	.709	-.248
300	814	.070	.057	.246	-.174	315	108	-.023	.058	.193	-.212	315	222	.124	.153	.515	-.353
300	815	.056	.063	.264	-.361	315	109	.059	.078	.336	-.169	315	223	.183	.132	.633	-.196
300	816	.139	.048	.391	.002	315	110	.065	.089	.369	-.204	315	224	.265	.127	.793	-.029
300	817	.127	.065	.348	-.099	315	111	-.005	.165	.569	-.670	315	225	.300	.129	.852	.016
300	818	.126	.064	.360	-.068	315	112	-.034	.183	.591	-.749	315	226	.302	.131	.819	.034
300	819	-.192	.049	-.032	-.411	315	113	-.113	.039	.057	-.261	315	227	.209	.126	.698	-.124
300	820	.349	.093	.675	.099	315	114	-.056	.051	.153	-.230	315	228	.122	.137	.658	-.279
300	821	.306	.094	.674	.068	315	115	.093	.088	.434	-.224	315	229	.030	.109	.440	-.377
300	822	.133	.079	.509	-.037	315	116	.158	.103	.556	-.083	315	230	.098	.091	.494	-.138
300	823	-.305	.054	-.163	-.571	315	117	.070	.187	.631	-.761	315	231	.164	.083	.667	-.150
300	824	-.273	.048	-.137	-.477	315	118	.035	.188	.640	-.749	315	232	.192	.084	.651	.007
300	825	-.502	.103	-.250	-1.116	315	119	-.125	.038	.005	-.257	315	233	.217	.085	.621	.021
300	826	-.297	.051	-.148	-.501	315	120	-.048	.046	.150	-.184	315	234	.127	.087	.489	-.105
300	827	-.238	.043	-.059	-.396	315	121	.081	.075	.397	-.087	315	235	.042	.103	.415	-.315
300	828	-.250	.043	-.125	-.485	315	122	.114	.089	.461	-.211	315	236	.104	.090	.381	-.226
300	829	-.246	.044	-.112	-.416	315	123	.016	.182	.555	-.631	315	237	.125	.071	.425	-.134
300	830	-.255	.042	-.135	-.450	315	124	.023	.179	.570	-.655	315	238	.170	.088	.517	-.027
300	831	-.231	.053	-.017	-.452	315	125	-.121	.038	-.004	-.263	315	239	.225	.090	.567	.026
300	832	-.225	.044	-.076	-.392	315	126	-.077	.043	.148	-.206	315	240	.256	.089	.593	.015
300	833	-.248	.048	-.095	-.481	315	127	.025	.061	.284	-.145	315	241	.176	.074	.463	.000
300	834	-.269	.063	.018	-.493	315	128	.079	.068	.355	-.196	315	242	.118	.072	.402	-.099
300	835	-.197	.030	-.096	-.307	315	129	-.009	.132	.345	-.662	315	301	-.178	.224	.450	-1.064
300	836	-.185	.029	-.088	-.268	315	130	-.031	.130	.320	-.684	315	302	-.071	.172	.373	-.995
300	837	-.129	.037	.008	-.253	315	131	-.120	.037	.010	-.272	315	303	-.065	.085	.261	-.657
300	838	-.136	.028	-.027	-.226	315	132	-.048	.036	.092	-.172	315	304	-.068	.069	.258	-.299
300	839	-.171	.027	-.064	-.256	315	133	.082	.058	.317	-.084	315	305	-.114	.061	.181	-.323
300	840	-.181	.030	-.069	-.285	315	134	.112	.067	.349	-.085	315	306	-.171	.047	.091	-.333
300	841	-.195	.033	-.090	-.309	315	135	.079	.086	.346	-.217	315	307	-.090	.229	.597	-1.132
300	842	-.186	.033	-.090	-.289	315	136	.063	.107	.348	-.372	315	308	-.015	.229	.643	-.956
300	843	-.229	.041	-.079	-.368	315	201	.043	.119	.429	-.323	315	309	.070	.098	.435	-.318
300	844	-.226	.040	-.096	-.366	315	202	.088	.113	.492	-.204	315	310	.028	.080	.339	-.180
300	845	-.251	.044	-.121	-.515	315	203	.081	.106	.519	-.202	315	311	-.076	.057	.130	-.253
300	846	-.267	.044	-.153	-.473	315	204	.054	.106	.463	-.304	315	312	-.152	.047	.015	-.316

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	313	.026	.209	.623	-.706	315	427	-.253	.048	-.099	-.564	315	541	-.210	.053	-.022	-.419
315	314	.048	.217	.597	-.747	315	428	-.249	.044	-.100	-.437	315	542	-.250	.050	-.082	-.478
315	315	.133	.107	.531	-.705	315	429	-.284	.058	-.118	-.515	315	543	-.250	.051	-.076	-.485
315	316	.081	.084	.414	-.177	315	430	-.287	.057	-.118	-.505	315	544	-.193	.036	-.059	-.319
315	317	-.091	.052	.127	-.241	315	431	-.254	.055	-.099	-.607	315	545	-.179	.040	-.055	-.349
315	318	-.189	.047	-.036	-.367	315	432	-.252	.056	-.100	-.539	315	546	-.180	.039	-.050	-.320
315	319	-.036	.201	.731	-.759	315	433	-.271	.063	-.115	-.744	315	601	-.195	.067	.014	-.677
315	320	.003	.207	.623	-.939	315	434	-.250	.048	-.029	-.436	315	602	-.198	.061	.008	-.595
315	321	.093	.109	.514	-.481	315	435	-.257	.050	-.113	-.433	315	603	-.188	.067	.040	-.615
315	322	.053	.076	.414	-.336	315	436	-.255	.051	-.089	-.423	315	604	-.206	.064	-.033	-.531
315	323	-.104	.055	.108	-.277	315	501	-.241	.069	-.059	-.611	315	605	-.204	.054	-.031	-.439
315	324	-.193	.050	-.034	-.355	315	502	-.245	.071	-.048	-.662	315	606	-.197	.048	-.031	-.412
315	325	-.038	.145	.388	-.553	315	503	-.252	.091	-.072	-.835	315	607	-.181	.057	-.032	-.505
315	326	-.014	.146	.368	-.523	315	504	-.191	.047	-.065	-.393	315	608	-.178	.053	.009	-.444
315	327	.057	.077	.329	-.391	315	505	-.187	.046	-.045	-.371	315	609	-.180	.054	.016	-.412
315	328	.027	.064	.385	-.204	315	506	-.196	.060	-.011	-.516	315	610	-.189	.051	-.006	-.415
315	329	-.121	.058	.198	-.286	315	507	-.207	.062	-.031	-.585	315	611	-.168	.047	-.027	-.352
315	330	-.197	.055	.030	-.409	315	508	-.255	.072	-.075	-.651	315	612	-.181	.049	-.023	-.405
315	331	-.010	.130	.344	-.559	315	509	-.240	.063	-.076	-.548	315	613	-.188	.039	-.068	-.392
315	332	.066	.101	.499	-.392	315	510	-.254	.068	-.089	-.703	315	614	-.192	.038	-.065	-.371
315	333	.066	.071	.408	-.246	315	511	-.222	.044	-.083	-.439	315	615	-.167	.038	-.049	-.304
315	334	.015	.045	.242	-.211	315	512	-.215	.046	-.063	-.482	315	616	-.165	.037	-.025	-.303
315	335	-.091	.036	.035	-.243	315	513	-.205	.054	-.046	-.609	315	617	-.165	.038	-.026	-.308
315	336	-.142	.036	-.007	-.263	315	514	-.212	.063	-.045	-.672	315	618	-.170	.038	-.043	-.296
315	401	-.271	.052	-.108	-.478	315	515	-.252	.051	-.110	-.458	315	619	-.168	.042	-.041	-.367
315	402	-.274	.054	-.093	-.495	315	516	-.278	.048	-.128	-.489	315	620	-.167	.040	-.035	-.325
315	403	-.274	.063	-.094	-.592	315	517	-.244	.042	-.120	-.415	315	621	-.164	.037	-.048	-.281
315	404	-.265	.069	-.060	-.690	315	518	-.226	.036	-.115	-.362	315	622	-.164	.037	-.055	-.296
315	405	-.305	.091	-.091	-1.001	315	519	-.208	.037	-.066	-.350	315	623	-.140	.036	-.013	-.259
315	406	-.301	.088	-.078	-.821	315	520	-.201	.038	-.060	-.328	315	624	-.145	.036	-.023	-.272
315	407	-.250	.048	-.089	-.438	315	521	-.194	.039	-.065	-.341	315	625	-.185	.040	-.063	-.343
315	408	-.241	.048	-.093	-.411	315	522	-.280	.049	-.132	-.469	315	626	-.190	.040	-.082	-.342
315	409	-.263	.054	-.113	-.466	315	523	-.264	.044	-.125	-.451	315	627	-.165	.038	-.053	-.314
315	410	-.271	.067	-.061	-.640	315	524	-.233	.037	-.084	-.368	315	628	-.155	.038	-.052	-.287
315	411	-.301	.078	-.046	-.763	315	525	-.203	.037	-.089	-.363	315	629	-.153	.039	-.041	-.283
315	412	-.297	.084	-.065	-.883	315	526	-.199	.034	-.074	-.314	315	630	-.159	.039	-.045	-.291
315	413	-.234	.039	-.086	-.369	315	527	-.188	.035	-.066	-.304	315	631	-.163	.040	-.039	-.316
315	414	-.234	.040	-.088	-.375	315	528	-.194	.037	-.079	-.356	315	632	-.176	.041	-.047	-.349
315	415	-.245	.039	-.096	-.409	315	529	-.272	.050	-.079	-.434	315	633	-.184	.044	-.048	-.434
315	416	-.254	.040	-.100	-.415	315	530	-.263	.047	-.130	-.447	315	634	-.186	.046	-.040	-.361
315	417	-.292	.053	-.140	-.486	315	531	-.230	.041	-.120	-.373	315	635	-.153	.045	-.017	-.333
315	418	-.293	.053	-.132	-.480	315	532	-.207	.040	-.092	-.337	315	636	-.152	.045	-.030	-.332
315	419	-.231	.040	-.113	-.380	315	533	-.188	.037	-.062	-.296	315	701	-.433	.158	.019	-1.241
315	420	-.226	.040	-.115	-.365	315	534	-.193	.037	-.091	-.355	315	702	-.433	.145	-.029	-1.017
315	421	-.240	.038	-.132	-.365	315	535	-.199	.039	-.096	-.387	315	703	-.318	.131	.079	-.908
315	422	-.258	.040	-.147	-.417	315	536	-.240	.048	-.101	-.417	315	704	-.191	.080	.083	-.524
315	423	-.295	.054	-.159	-.525	315	537	-.213	.038	-.100	-.363	315	705	-.129	.078	.110	-.456
315	424	-.290	.054	-.148	-.551	315	538	-.211	.036	-.103	-.321	315	706	-.127	.095	.207	-.593
315	425	-.229	.043	-.086	-.391	315	539	-.196	.039	-.074	-.333	315	707	-.175	.104	.196	-.614
315	426	-.236	.044	-.096	-.399	315	540	-.197	.034	-.092	-.349	315	708	-.386	.139	.069	-.927

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
315	709	-.356	.143	.076	-.962	315	837	-.118	.039	.029	-.242	330	131	-.138	.049	.026	-.344
315	710	-.388	.162	.090	-1.316	315	838	-.145	.033	-.042	-.258	330	132	-.045	.043	.098	-.220
315	711	-.484	.119	-.145	-1.012	315	839	-.151	.034	-.053	-.299	330	133	.099	.059	.356	-.125
315	712	-.484	.122	-.090	-.951	315	840	-.176	.039	-.057	-.309	330	134	.136	.068	.447	-.076
315	713	-.531	.137	-.087	-1.117	315	841	-.168	.035	-.053	-.315	330	135	.109	.083	.471	-.171
315	714	-.547	.132	-.119	-1.081	315	842	-.177	.037	-.065	-.315	330	136	.094	.101	.479	-.314
315	715	-.509	.154	.051	-1.010	315	843	-.173	.038	-.074	-.350	330	201	.103	.173	.668	-.490
315	716	-.482	.151	.275	-1.034	315	844	-.193	.036	-.091	-.361	330	202	.125	.163	.661	-.431
315	717	-.560	.139	-.221	-1.188	315	845	-.209	.037	-.097	-.359	330	203	.107	.141	.638	-.429
315	718	-.380	.106	-.107	-.842	315	846	-.229	.036	-.125	-.373	330	204	.097	.136	.601	-.372
315	719	-.269	.084	-.051	-.759	315	847	-.189	.031	-.076	-.313	330	205	.145	.134	.566	-.390
315	720	-.243	.069	-.065	-.514	315	848	-.199	.034	-.089	-.343	330	206	.104	.129	.582	-.431
315	721	-.273	.064	-.112	-.533	315	849	-.183	.037	-.058	-.320	330	207	.021	.126	.468	-.458
315	722	-.271	.085	-.040	-.623	315	850	-.212	.035	-.110	-.346	330	208	.212	.192	.773	-.389
315	801	-.154	.036	-.039	-.279	315	851	-.231	.045	-.071	-.389	330	209	.295	.178	1.014	-.191
315	802	-.187	.039	-.087	-.315	315	852	-.046	.047	.210	-.243	330	210	.288	.168	.909	-.142
315	803	-.181	.039	-.079	-.301	315	853	.250	.106	.709	.027	330	211	.281	.167	.835	-.161
315	804	-.053	.040	.100	-.201	315	854	.320	.139	.994	-.017	330	212	.278	.166	.945	-.171
315	805	.132	.072	.384	-.065	315	855	.229	.090	.554	.002	330	213	.213	.146	.676	-.232
315	806	.053	.079	.342	-.255	315	856	.185	.067	.442	.004	330	214	.084	.143	.570	-.583
315	807	.099	.074	.375	-.108	330	101	-.093	.087	.266	-.383	330	215	.217	.164	.900	-.313
315	808	.290	.143	.873	-.028	330	102	-.056	.103	.369	-.422	330	216	.250	.140	.784	-.127
315	809	.234	.115	.663	-.065	330	103	-.009	.120	.488	-.483	330	217	.367	.139	.851	.049
315	810	.214	.110	.650	-.067	330	104	.017	.128	.495	-.391	330	218	.400	.153	.909	.048
315	811	.143	.120	.612	-.193	330	105	.031	.174	.582	-.602	330	219	.364	.152	.840	-.024
315	812	.223	.103	.672	-.020	330	106	-.039	.225	.664	-.766	330	220	.169	.144	.603	-.224
315	813	.091	.063	.321	-.259	330	107	-.081	.087	.209	-.363	330	221	.033	.157	.545	-.391
315	814	.093	.072	.361	-.264	330	108	.012	.106	.348	-.302	330	222	.138	.132	.591	-.345
315	815	.063	.067	.397	-.298	330	109	.122	.130	.541	-.194	330	223	.204	.113	.649	-.132
315	816	.098	.061	.516	-.228	330	110	.141	.141	.666	-.261	330	224	.307	.119	.952	.048
315	817	.030	.073	.267	-.288	330	111	.131	.209	.738	-.678	330	225	.356	.126	.942	.061
315	818	.034	.060	.422	-.234	330	112	.112	.234	.802	-.873	330	226	.335	.123	.714	.013
315	819	-.132	.053	.055	-.342	330	113	-.098	.065	.181	-.305	330	227	.158	.130	.615	-.239
315	820	.289	.113	.807	.053	330	114	-.029	.083	.349	-.251	330	228	.001	.142	.476	-.452
315	821	.300	.120	.757	.037	330	115	.129	.108	.685	-.127	330	229	.088	.099	.425	-.269
315	822	.041	.082	.319	-.283	330	116	.192	.110	.638	-.108	330	230	.160	.085	.501	-.078
315	823	-.226	.049	-.087	-.430	330	117	.146	.197	.722	-.459	330	231	.240	.096	.649	.024
315	824	-.237	.045	-.104	-.378	330	118	.107	.211	.718	-.552	330	232	.268	.106	.709	.034
315	825	-.292	.113	-.072	-.958	330	119	-.135	.057	.118	-.329	330	233	.266	.105	.666	.009
315	826	-.225	.052	-.065	-.421	330	120	-.045	.067	.285	-.260	330	234	.115	.109	.546	-.270
315	827	-.212	.045	-.080	-.356	330	121	.095	.083	.458	-.139	330	235	-.031	.116	.434	-.532
315	828	-.243	.048	-.116	-.434	330	122	.135	.088	.583	-.129	330	236	.125	.082	.510	-.180
315	829	-.219	.042	-.089	-.415	330	123	.072	.163	.656	-.637	330	237	.163	.077	.480	-.073
315	830	-.224	.044	-.044	-.393	330	124	.068	.169	.673	-.620	330	238	.242	.085	.735	.028
315	831	-.218	.057	-.042	-.414	330	125	-.135	.044	.043	-.379	330	239	.268	.099	.690	.011
315	832	-.219	.045	-.055	-.458	330	126	-.086	.045	.120	-.261	330	240	.309	.100	.667	.072
315	833	-.215	.041	-.080	-.364	330	127	.035	.059	.334	-.111	330	241	.166	.079	.437	-.046
315	834	-.238	.064	-.037	-.489	330	128	.106	.067	.460	-.063	330	242	.082	.090	.357	-.283
315	835	-.142	.039	-.025	-.279	330	129	.039	.138	.444	-.618	330	301	-.471	.184	.195	-1.690
315	836	-.154	.034	-.033	-.260	330	130	.001	.145	.427	-.766	330	302	-.345	.201	.192	-1.173

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	303	-.114	.068	.118	-.547	330	417	-.258	.057	-.084	-.505	330	531	-.189	.040	-.059	-.353
330	304	-.102	.055	.090	-.390	330	418	-.263	.060	-.064	-.531	330	532	-.178	.033	-.063	-.293
330	305	-.122	.055	.055	-.423	330	419	-.198	.040	-.080	-.395	330	533	-.172	.034	-.063	-.284
330	306	-.169	.047	-.017	-.353	330	420	-.192	.040	-.070	-.376	330	534	-.205	.044	-.043	-.376
330	307	-.388	.201	.216	-1.114	330	421	-.210	.040	-.104	-.349	330	535	-.217	.052	-.049	-.484
330	308	-.302	.229	.257	-1.181	330	422	-.229	.043	-.109	-.425	330	536	-.214	.045	-.075	-.361
330	309	-.021	.080	.217	-.906	330	423	-.264	.062	-.073	-.604	330	537	-.189	.040	-.060	-.422
330	310	-.033	.055	.156	-.286	330	424	-.262	.064	-.068	-.605	330	538	-.184	.034	-.072	-.337
330	311	-.088	.043	.058	-.313	330	425	-.196	.040	-.065	-.349	330	539	-.183	.035	-.052	-.326
330	312	-.161	.045	-.007	-.303	330	426	-.201	.041	-.059	-.343	330	540	-.192	.040	-.068	-.373
330	313	-.304	.198	.474	-1.106	330	427	-.206	.039	-.070	-.332	330	541	-.194	.044	-.043	-.337
330	314	-.279	.231	.466	-1.059	330	428	-.209	.039	-.075	-.342	330	542	-.229	.047	-.089	-.386
330	315	.006	.129	.400	-1.004	330	429	-.247	.059	-.116	-.524	330	543	-.229	.046	-.094	-.383
330	316	-.003	.058	.202	-.313	330	430	-.254	.062	-.116	-.588	330	544	-.193	.047	0.000	-.422
330	317	-.114	.040	.035	-.290	330	431	-.228	.057	-.068	-.473	330	545	-.178	.047	.059	-.352
330	318	-.177	.043	-.058	-.312	330	432	-.226	.057	-.056	-.477	330	546	-.188	.047	-.046	-.393
330	319	-.257	.174	.386	-1.076	330	433	-.211	.052	-.031	-.454	330	601	-.235	.100	.075	-.817
330	320	-.245	.218	.388	-1.014	330	434	-.218	.045	-.079	-.395	330	602	-.238	.089	.059	-.774
330	321	-.021	.127	.286	-.766	330	435	-.228	.046	-.085	-.398	330	603	-.210	.087	.058	-.740
330	322	-.026	.064	.190	-.373	330	436	-.225	.047	-.097	-.405	330	604	-.226	.083	-.018	-.703
330	323	-.137	.043	.003	-.282	330	501	-.196	.065	-.001	-.665	330	605	-.227	.070	-.023	-.608
330	324	-.193	.044	-.029	-.335	330	502	-.192	.060	-.003	-.579	330	606	-.218	.063	-.035	-.578
330	325	-.252	.144	.203	-1.335	330	503	-.177	.046	-.033	-.362	330	607	-.203	.093	.075	-.853
330	326	-.216	.158	.238	-1.287	330	504	-.143	.048	.002	-.547	330	608	-.223	.086	.035	-.624
330	327	-.028	.091	.225	-.607	330	505	-.159	.050	.042	-.350	330	609	-.219	.077	.026	-.628
330	328	-.022	.046	.151	-.303	330	506	-.188	.066	.019	-.581	330	610	-.224	.070	-.004	-.587
330	329	-.141	.042	-.017	-.300	330	507	-.208	.071	-.013	-.549	330	611	-.190	.060	-.024	-.568
330	330	-.190	.049	-.053	-.375	330	508	-.179	.057	-.008	-.500	330	612	-.201	.062	.011	-.549
330	331	-.168	.157	.225	-.848	330	509	-.184	.054	-.025	-.453	330	613	-.219	.071	-.026	-.724
330	332	-.047	.123	.323	-.611	330	510	-.188	.050	-.019	-.558	330	614	-.226	.069	-.038	-.628
330	333	-.008	.083	.217	-.374	330	511	-.182	.051	-.005	-.457	330	615	-.188	.056	.011	-.502
330	334	-.022	.052	.129	-.300	330	512	-.189	.056	-.002	-.613	330	616	-.191	.050	-.030	-.398
330	335	-.079	.045	.046	-.315	330	513	-.198	.061	.002	-.636	330	617	-.186	.050	-.011	-.380
330	336	-.146	.046	.000	-.342	330	514	-.219	.070	.076	-.590	330	618	-.192	.048	-.021	-.379
330	401	-.224	.055	-.036	-.434	330	515	-.215	.050	-.056	-.381	330	619	-.211	.066	-.038	-.554
330	402	-.231	.058	-.025	-.447	330	516	-.222	.049	-.068	-.473	330	620	-.214	.065	-.030	-.527
330	403	-.239	.068	-.046	-.604	330	517	-.176	.041	-.027	-.330	330	621	-.197	.053	-.053	-.461
330	404	-.256	.098	.005	-1.033	330	518	-.175	.037	-.048	-.322	330	622	-.192	.051	-.038	-.466
330	405	-.277	.096	-.072	-.939	330	519	-.183	.039	-.069	-.306	330	623	-.152	.050	.009	-.552
330	406	-.267	.086	-.064	-.780	330	520	-.207	.048	-.058	-.359	330	624	-.171	.049	-.018	-.410
330	407	-.217	.048	-.068	-.434	330	521	-.208	.053	-.027	-.410	330	625	-.214	.064	-.016	-.535
330	408	-.211	.048	-.056	-.431	330	522	-.231	.053	-.092	-.417	330	626	-.221	.062	-.013	-.558
330	409	-.228	.053	-.019	-.415	330	523	-.208	.048	-.072	-.383	330	627	-.183	.060	.002	-.519
330	410	-.254	.084	-.042	-.840	330	524	-.169	.039	-.017	-.305	330	628	-.182	.052	-.030	-.412
330	411	-.256	.079	-.046	-.734	330	525	-.150	.037	.002	-.280	330	629	-.180	.051	-.028	-.367
330	412	-.257	.084	-.039	-.833	330	526	-.183	.038	-.065	-.305	330	630	-.186	.051	-.028	-.372
330	413	-.211	.042	-.075	-.412	330	527	-.209	.050	-.012	-.400	330	631	-.172	.053	-.001	-.530
330	414	-.213	.042	-.081	-.388	330	528	-.225	.057	-.024	-.490	330	632	-.189	.057	-.008	-.547
330	415	-.225	.043	-.090	-.412	330	529	-.223	.057	-.044	-.487	330	633	-.206	.062	-.045	-.744
330	416	-.234	.044	-.109	-.407	330	530	-.215	.050	-.033	-.405	330	634	-.233	.072	-.059	-.590

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
330	635	-.175	.063	.016	-.537	330	827	-.184	.042	-.079	-.348	345	121	.211	.112	.656	-.092
330	636	-.191	.070	-.008	-.588	330	828	-.219	.047	-.095	-.432	345	122	.251	.120	.753	-.046
330	701	-.302	.152	.208	-1.039	330	829	-.197	.043	-.074	-.388	345	123	.264	.129	.740	-.217
330	702	-.305	.144	.082	-.980	330	830	-.190	.040	-.059	-.347	345	124	.276	.129	.753	-.230
330	703	-.221	.114	.117	-.800	330	831	-.181	.047	.009	-.347	345	125	-.142	.066	.089	-.569
330	704	-.178	.068	.119	-.519	330	832	-.201	.043	-.083	-.408	345	126	-.049	.063	.237	-.264
330	705	-.124	.073	.129	-.479	330	833	-.175	.043	.032	-.369	345	127	.101	.079	.453	-.099
330	706	-.134	.077	.238	-.414	330	834	-.186	.067	.056	-.422	345	128	.162	.084	.498	-.047
330	707	-.169	.099	.219	-.674	330	835	-.142	.051	.012	-.353	345	129	.173	.090	.545	-.125
330	708	-.387	.136	.027	-1.061	330	836	-.163	.043	-.042	-.328	345	130	.152	.093	.535	-.144
330	709	-.314	.127	.065	-.916	330	837	-.113	.048	.029	-.296	345	131	-.134	.059	.063	-.412
330	710	-.411	.170	-.002	-1.475	330	838	-.139	.039	-.029	-.279	345	132	-.025	.045	.175	-.192
330	711	-.470	.145	-.110	-1.310	330	839	-.157	.043	-.024	-.333	345	133	.157	.069	.388	-.056
330	712	-.473	.145	-.111	-1.436	330	840	-.179	.045	-.020	-.338	345	134	.202	.082	.474	-.007
330	713	-.521	.159	.020	-1.379	330	841	-.172	.042	-.009	-.347	345	135	.209	.089	.509	-.029
330	714	-.505	.133	-.092	-1.088	330	842	-.181	.047	.023	-.349	345	136	.205	.093	.526	-.103
330	715	-.472	.153	.083	-.948	330	843	-.166	.034	-.052	-.270	345	201	.147	.113	.568	-.292
330	716	-.392	.194	.338	-1.074	330	844	-.182	.035	-.069	-.321	345	202	.144	.106	.548	-.226
330	717	-.532	.150	-.143	-1.085	330	845	-.177	.037	-.067	-.318	345	203	.090	.092	.435	-.183
330	718	-.330	.098	-.074	-.729	330	846	-.200	.039	-.087	-.364	345	204	.061	.092	.472	-.268
330	719	-.210	.069	.006	-.582	330	847	-.168	.039	-.045	-.317	345	205	.082	.096	.434	-.200
330	720	-.226	.064	-.026	-.544	330	848	-.179	.044	-.041	-.375	345	206	-.045	.094	.349	-.382
330	721	-.225	.062	.004	-.557	330	849	-.159	.037	-.046	-.270	345	207	-.194	.099	.162	-.600
330	722	-.288	.108	.035	-.814	330	850	-.204	.039	-.082	-.342	345	208	.315	.142	.789	-.144
330	801	-.143	.053	.171	-.316	330	851	-.202	.044	-.076	-.355	345	209	.299	.139	.776	-.174
330	802	-.200	.050	-.044	-.399	330	852	-.036	.057	.142	-.263	345	210	.268	.122	.799	-.130
330	803	-.185	.048	.002	-.385	330	853	.258	.104	.654	-.005	345	211	.227	.116	.650	-.105
330	804	-.034	.041	.120	-.214	330	854	.354	.134	.958	-.012	345	212	.184	.115	.617	-.195
330	805	.157	.068	.408	-.012	330	855	.273	.091	.700	-.005	345	213	.002	.100	.398	-.401
330	806	.060	.099	.458	-.292	330	856	.222	.072	.625	-.013	345	214	-.197	.118	.210	-.683
330	807	.134	.080	.466	-.105	345	101	-.005	.086	.310	-.394	345	215	.349	.131	.809	-.231
330	808	.332	.127	.867	.048	345	102	.045	.097	.335	-.364	345	216	.348	.146	.805	-.128
330	809	.258	.098	.654	-.086	345	103	.091	.103	.458	-.219	345	217	.354	.127	.835	-.023
330	810	.246	.102	.720	-.072	345	104	.128	.104	.522	-.220	345	218	.316	.119	.768	-.018
330	811	.189	.121	.666	-.246	345	105	.180	.124	.552	-.386	345	219	.225	.115	.802	-.095
330	812	.240	.091	.656	-.088	345	106	.168	.133	.540	-.447	345	220	-.069	.093	.345	-.390
330	813	.155	.084	.569	-.188	345	107	.022	.089	.369	-.284	345	221	-.227	.099	.180	-.588
330	814	.136	.100	.514	-.346	345	108	.139	.107	.550	-.206	345	222	.263	.129	.792	-.232
330	815	.125	.089	.466	-.353	345	109	.253	.128	.737	-.066	345	223	.261	.129	.799	-.244
330	816	.157	.092	.656	-.190	345	110	.279	.135	.768	-.078	345	224	.260	.118	.745	-.010
330	817	-.017	.100	.294	-.492	345	111	.319	.145	.844	-.166	345	225	.247	.106	.697	-.000
330	818	-.005	.060	.247	-.256	345	112	.335	.149	.906	-.209	345	226	.197	.098	.623	-.040
330	819	-.093	.043	.048	-.261	345	113	-.023	.076	.288	-.227	345	227	-.066	.091	.352	-.391
330	820	.339	.127	.879	.077	345	114	.093	.103	.530	-.144	345	228	-.251	.107	.193	-.716
330	821	.302	.113	.738	.017	345	115	.307	.145	.894	-.039	345	229	.167	.090	.561	-.176
330	822	-.031	.083	.258	-.402	345	116	.378	.146	.938	.035	345	230	.198	.086	.547	-.116
330	823	-.181	.042	-.064	-.338	345	117	.359	.146	.835	-.196	345	231	.214	.088	.555	-.015
330	824	-.200	.039	-.093	-.418	345	118	.338	.151	.826	-.213	345	232	.209	.092	.562	-.029
330	825	-.161	.045	-.024	-.352	345	119	-.101	.077	.210	-.342	345	233	.169	.087	.538	-.035
330	826	-.208	.042	-.074	-.384	345	120	.031	.090	.388	-.225	345	234	-.074	.104	.324	-.403

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	235	-.269	.141	.159	-.834	345	407	-.197	.052	-.039	-.429	345	521	-.255	.076	-.046	-.554
345	236	.220	.088	.545	-.031	345	408	-.194	.054	-.022	-.407	345	522	-.209	.058	-.019	-.413
345	237	.249	.091	.587	.029	345	409	-.226	.065	-.011	-.639	345	523	-.194	.050	.007	-.361
345	238	.264	.080	.605	.060	345	410	-.226	.068	-.027	-.763	345	524	-.168	.037	-.036	-.303
345	239	.280	.103	.725	.032	345	411	-.218	.068	-.022	-.623	345	525	-.169	.038	-.044	-.289
345	240	.252	.092	.682	.015	345	412	-.220	.074	-.017	-.631	345	526	-.195	.044	-.036	-.391
345	241	.060	.072	.345	-.173	345	413	-.202	.056	-.043	-.583	345	527	-.250	.071	-.059	-.667
345	242	-.099	.100	.182	-.527	345	414	-.203	.053	-.044	-.516	345	528	-.270	.078	-.056	-.678
345	301	-.659	.209	-.128	-1.949	345	415	-.224	.049	-.085	-.409	345	529	-.222	.063	.029	-.463
345	302	-.579	.167	-.119	-1.227	345	416	-.228	.049	-.085	-.412	345	530	-.205	.056	.035	-.423
345	303	-.330	.153	.024	-1.012	345	417	-.209	.052	-.045	-.452	345	531	-.178	.048	-.002	-.348
345	304	-.206	.101	.024	-.707	345	418	-.217	.056	-.044	-.499	345	532	-.190	.041	-.065	-.334
345	305	-.151	.067	.046	-.494	345	419	-.210	.056	-.002	-.521	345	533	-.185	.048	-.022	-.364
345	306	-.166	.055	.012	-.488	345	420	-.205	.054	-.010	-.516	345	534	-.200	.059	-.045	-.557
345	307	-.701	.229	-.160	-1.738	345	421	-.220	.052	-.089	-.462	345	535	-.218	.065	-.062	-.565
345	308	-.698	.217	-.096	-1.591	345	422	-.235	.051	-.104	-.449	345	536	-.212	.054	.029	-.417
345	309	-.318	.164	.070	-.955	345	423	-.231	.059	.046	-.555	345	537	-.185	.044	.026	-.376
345	310	-.184	.102	.052	-.748	345	424	-.233	.067	.108	-.689	345	538	-.175	.038	-.053	-.303
345	311	-.146	.061	.050	-.581	345	425	-.200	.049	-.058	-.374	345	539	-.187	.043	-.022	-.361
345	312	-.161	.053	.045	-.443	345	426	-.207	.049	-.064	-.383	345	540	-.157	.047	.024	-.344
345	313	-.487	.131	-.100	-1.137	345	427	-.228	.052	-.085	-.458	345	541	-.214	.061	.026	-.431
345	314	-.496	.134	.019	-1.147	345	428	-.239	.055	-.077	-.520	345	542	-.223	.054	-.019	-.449
345	315	-.389	.201	.124	-1.033	345	429	-.261	.063	-.101	-.557	345	543	-.230	.051	-.047	-.447
345	316	-.221	.149	.057	-.844	345	430	-.278	.074	-.079	-.649	345	544	-.096	.087	.212	-.319
345	317	-.163	.071	.070	-.580	345	431	-.220	.055	-.044	-.521	345	545	-.137	.061	.190	-.360
345	318	-.176	.061	-.004	-.596	345	432	-.217	.056	-.041	-.561	345	546	-.149	.064	.062	-.479
345	319	-.462	.136	-.128	-1.054	345	433	-.229	.050	-.087	-.498	345	601	-.292	.135	.134	-.931
345	320	-.471	.136	-.061	-1.037	345	434	-.255	.055	-.109	-.474	345	602	-.291	.118	.107	-.871
345	321	-.366	.189	.072	-1.065	345	435	-.249	.054	-.061	-.465	345	603	-.294	.118	.123	-1.238
345	322	-.224	.149	.080	-.943	345	436	-.239	.056	-.041	-.426	345	604	-.295	.091	-.055	-.741
345	323	-.174	.072	.092	-.553	345	501	-.191	.067	.023	-.512	345	605	-.266	.068	-.088	-.544
345	324	-.188	.060	-.035	-.669	345	502	-.185	.066	.017	-.506	345	606	-.254	.063	-.085	-.527
345	325	-.451	.184	.024	-1.497	345	503	-.183	.066	.021	-.473	345	607	-.290	.130	.082	-.978
345	326	-.450	.198	.050	-1.471	345	504	-.192	.073	.031	-.713	345	608	-.293	.118	.087	-1.008
345	327	-.201	.175	.092	-1.008	345	505	-.215	.082	.053	-.667	345	609	-.275	.101	.037	-.914
345	328	-.098	.090	.154	-.669	345	506	-.242	.096	.057	-.744	345	610	-.273	.084	-.016	-.775
345	329	-.155	.047	.001	-.394	345	507	-.258	.098	.033	-.810	345	611	-.242	.062	-.064	-.720
345	330	-.192	.049	-.046	-.394	345	508	-.187	.061	-.001	-.506	345	612	-.239	.059	-.045	-.515
345	331	-.367	.183	.092	-1.152	345	509	-.181	.064	.031	-.596	345	613	-.288	.100	-.031	-.851
345	332	-.208	.127	.118	-.766	345	510	-.179	.065	.040	-.510	345	614	-.290	.095	-.021	-.773
345	333	-.136	.083	.072	-.451	345	511	-.188	.064	.017	-.449	345	615	-.259	.075	-.045	-.672
345	334	-.103	.064	.076	-.335	345	512	-.210	.071	.012	-.523	345	616	-.236	.068	-.023	-.716
345	335	-.127	.060	.061	-.342	345	513	-.229	.085	.067	-.679	345	617	-.215	.059	-.043	-.534
345	336	-.161	.060	.057	-.358	345	514	-.257	.095	.064	-.707	345	618	-.215	.057	-.046	-.488
345	401	-.200	.056	-.011	-.430	345	515	-.186	.048	-.038	-.372	345	619	-.276	.095	-.035	-.737
345	402	-.205	.058	-.025	-.427	345	516	-.187	.043	-.048	-.349	345	620	-.282	.083	-.016	-.674
345	403	-.234	.078	-.051	-.872	345	517	-.173	.039	-.044	-.328	345	621	-.269	.076	-.026	-.671
345	404	-.220	.071	-.032	-.898	345	518	-.184	.041	-.072	-.333	345	622	-.268	.075	-.063	-.756
345	405	-.215	.069	-.011	-.627	345	519	-.206	.047	-.052	-.368	345	623	-.250	.068	-.064	-.635
345	406	-.221	.075	-.015	-.652	345	520	-.243	.063	-.048	-.472	345	624	-.262	.075	-.043	-.588

APPENDIX A -- PRESSURE DATA:

MOUNTAIN BELL BUILDING -- SALT LAKE CITY , UTAH

WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN	WD	TAP	CPMEAN	CPRMS	CPMAX	CPMIN
345	625	-.223	.075	-.016	-.666	345	719	-.272	.074	-.037	-.550	345	827	-.201	.051	.000	-.406
345	626	-.229	.077	-.004	-.618	345	720	-.274	.081	-.019	-.657	345	828	-.224	.051	-.025	-.429
345	627	-.257	.089	.007	-.696	345	721	-.268	.075	-.083	-.639	345	829	-.198	.053	-.014	-.382
345	628	-.299	.111	-.038	-.829	345	722	-.282	.108	.082	-.827	345	830	-.145	.048	.117	-.303
345	629	-.292	.114	-.048	-.871	345	801	-.036	.082	.337	-.339	345	831	-.136	.058	.050	-.383
345	630	-.291	.111	-.043	-.920	345	802	-.175	.071	.056	-.470	345	832	-.209	.054	.019	-.436
345	631	-.208	.096	.072	-.742	345	803	-.126	.060	.072	-.408	345	833	-.118	.045	.060	-.301
345	632	-.201	.082	.055	-.753	345	804	.004	.042	.144	-.175	345	834	-.130	.044	.046	-.282
345	633	-.236	.091	.032	-.659	345	805	.220	.079	.535	.015	345	835	-.142	.057	.060	-.350
345	634	-.280	.111	.021	-.812	345	806	.190	.097	.569	-.082	345	836	-.167	.044	-.032	-.354
345	635	-.282	.115	.002	-.878	345	807	.221	.093	.586	-.015	345	837	-.117	.046	.041	-.293
345	636	-.366	.204	-.011	-1.664	345	808	.319	.123	.829	.009	345	838	-.133	.038	-.009	-.265
345	701	-.190	.132	.254	-.751	345	809	.314	.104	.778	.048	345	839	-.146	.067	.239	-.382
345	702	-.278	.117	.117	-.753	345	810	.284	.107	.744	.026	345	840	-.137	.060	.140	-.364
345	703	-.296	.115	.060	-.842	345	811	.301	.116	.787	-.039	345	841	-.103	.066	.137	-.344
345	704	-.276	.097	.096	-.905	345	812	.288	.095	.771	.057	345	842	-.106	.084	.271	-.373
345	705	-.197	.083	.119	-.522	345	813	.134	.086	.499	-.228	345	843	-.179	.038	-.039	-.376
345	706	-.202	.096	.194	-.651	345	814	.006	.118	.413	-.441	345	844	-.200	.041	-.061	-.417
345	707	-.296	.123	.148	-.739	345	815	.017	.093	.378	-.403	345	845	-.181	.043	-.055	-.344
345	708	-.412	.112	.094	-.837	345	816	.062	.084	.563	-.257	345	846	-.209	.049	-.069	-.430
345	709	-.397	.115	-.108	-.971	345	817	-.122	.120	.224	-.628	345	847	-.175	.049	-.007	-.351
345	710	-.425	.141	-.081	-1.287	345	818	-.091	.063	.126	-.338	345	848	-.180	.050	-.024	-.414
345	711	-.419	.102	-.095	-.828	345	819	-.104	.046	.096	-.260	345	849	-.151	.037	-.012	-.293
345	712	-.412	.098	-.139	-.832	345	820	.278	.110	.763	.016	345	850	-.213	.047	-.087	-.385
345	713	-.464	.120	-.102	-.938	345	821	.252	.110	.994	-.033	345	851	-.209	.051	.004	-.403
345	714	-.468	.133	-.072	-1.107	345	822	-.168	.086	.076	-.488	345	852	-.105	.060	.120	-.318
345	715	-.459	.118	-.101	-.971	345	823	-.200	.050	-.031	-.382	345	853	.196	.088	.585	-.021
345	716	-.376	.143	.244	-.864	345	824	-.222	.052	-.061	-.441	345	854	.327	.151	1.083	-.019
345	717	-.489	.112	-.112	-.865	345	825	-.178	.045	-.050	-.409	345	855	.276	.101	.770	.026
345	718	-.344	.083	-.069	-.648	345	826	-.235	.051	-.110	-.478	345	856	.235	.091	.647	.019